

APPENDIX H

Greenhouse Gas Emissions Assessment
Speedway Commerce Center II Specific Plan Project
San Bernardino County, California

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LIST OF ABBREVIATED TERMS

AB	Assembly Bill
CARB	California Air Resource Board
CCR	California Code of Regulations
CalEEMod	California Emissions Estimator Model
CEQA	California Environmental Quality Act
CALGreen Code	California Green Building Standards Code
CPUC	California Public Utilities Commission
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CFC	Chlorofluorocarbon
CCSP	Climate Change Scoping Plan
cy	cubic yard
EPA	Environmental Protection Agency
FCAA	Federal Clean Air Act
FR	Federal Register
GHG	greenhouse gas
HCFC	Hydrochlorofluorocarbon
HFC	Hydrofluorocarbon
LCFS	Low Carbon Fuel Standard
CH ₄	Methane
MMTCO ₂ e	million metric tons of carbon dioxide equivalent
MTCO ₂ e	metric tons of carbon dioxide equivalent
NHTSA	National Highway Traffic Safety Administration
NF ₃	nitrogen trifluoride
N ₂ O	nitrous oxide
PFC	Perfluorocarbon
RTP/SCS	Regional Transportation Plan/Sustainable Communities Strategy
SB	Senate Bill
SCAB	South Coast Air Basin
SCAQMD	South Coast Air Quality Management District
SCAG	Southern California Association of Government
Sf	square foot
SF ₆	sulfur hexafluoride
TAC	toxic air contaminants

1 INTRODUCTION

This report documents the results of a Greenhouse Gas (GHG) Emissions Assessment completed for the Speedway Commerce Center II Specific Plan Project (Project). The purpose of this GHG Emissions Assessment is to evaluate the potential construction and operational emissions associated with the Project and determine the level of impact the Project would have on the environment.

1.1 Project Location

The Project site is in an unincorporated area of southwestern San Bernardino County and within the City of Fontana Sphere of Influence (SOI). The Project site is approximately 40 miles east of downtown Los Angeles, 20 miles west of downtown San Bernardino, and 30 miles northeast of central Orange County. The approximately 522.30-acre site is located north of the San Bernardino Freeway (I-10) and San Bernardino Avenue and is bounded by Cherry Avenue to the east, the Burlington Northern and Santa Fe (BNSF) Railroad to the north, the West Valley Materials Recycling Facility to the west, and California Steel Industries to the south.

The City of Fontana is located to the north, east, and south of the site. The City of Rancho Cucamonga is located to the west and northwest and the City of Ontario is located to the southwest, as shown in [Exhibit 1: Regional Vicinity](#) and [Exhibit 2: Site Vicinity](#).

1.2 Project Description

The Project encompasses approximately 433 acres of the approximately 522-acre site that is currently developed with the Auto Club Speedway (ACS), formerly known as the California Speedway, in the County. The Project proposes conceptual land uses that include, but are not limited to, up to 6.6 million square feet of high cube warehouse and e-commerce uses with approximately 12 acres (261,360 sf) of accessory commercial uses. The Project site would also be developed with greenbelts, public roads, other support amenity features, and water detention areas. The Project would surround the separate Next Gen in California Project, which was approved by the County on June 7, 2021; see [Exhibit 3: Conceptual Site Plan](#). Construction of the Project, including recordation of final subdivision map(s) and design review may be progressively implemented in stages, provided that vehicular access, public facilities, and infrastructure are constructed to adequately service the development, or as needed for public health and safety. However, the actual phasing sequence and time-frame may vary depending on market conditions.

The current county land use category is C-Commercial and the zoning for the Project site is SD-COM-Special Development-Commercial. [Table 1](#) shows the summary of the proposed land uses and attributed areas. Parking would be scattered throughout the site and located on the north, west, east, south, and center portions of the Project site. The proposed Project would dedicate 78.5 acres to Parking Fields/Drop Lots.

Table 1: Proposed Land Uses		
Land Use	Speedway Commerce SP	Planning Area(s)
Warehouse	280.2 acres/approximately 6.6 million sq. ft.	PA 1a, PA 2a, PA 3a and PA 4a
Accessory Commercial (with Drop Lot)	27.1 ¹ acres/261,360 sq. ft.	PA 5a, PA 1c, PA 2c
Parking Field/Drop Out	82.5 acres	PA 1b, PA 2b, PA 3b, PA 4c, PA 5b, PA 6a, PA 6b, PA 6c
Open Space/Basin	9.4 acres	PA 4b and PA 5c
Public Right-of-Way	33.7 acres	NA
Total	432.9 acres	NA
Source: Kimley-Horn, <i>Speedway Commerce Center II Specific Plan</i> , Table 3-1: Land Use, 2021.		
1. Includes approximately 23.5 acres of parking field/drop lot. Total potential parking/drop lot areas is 101 acres.		

Exhibit 1: Regional Vicinity



Exhibit 2: Site Vicinity

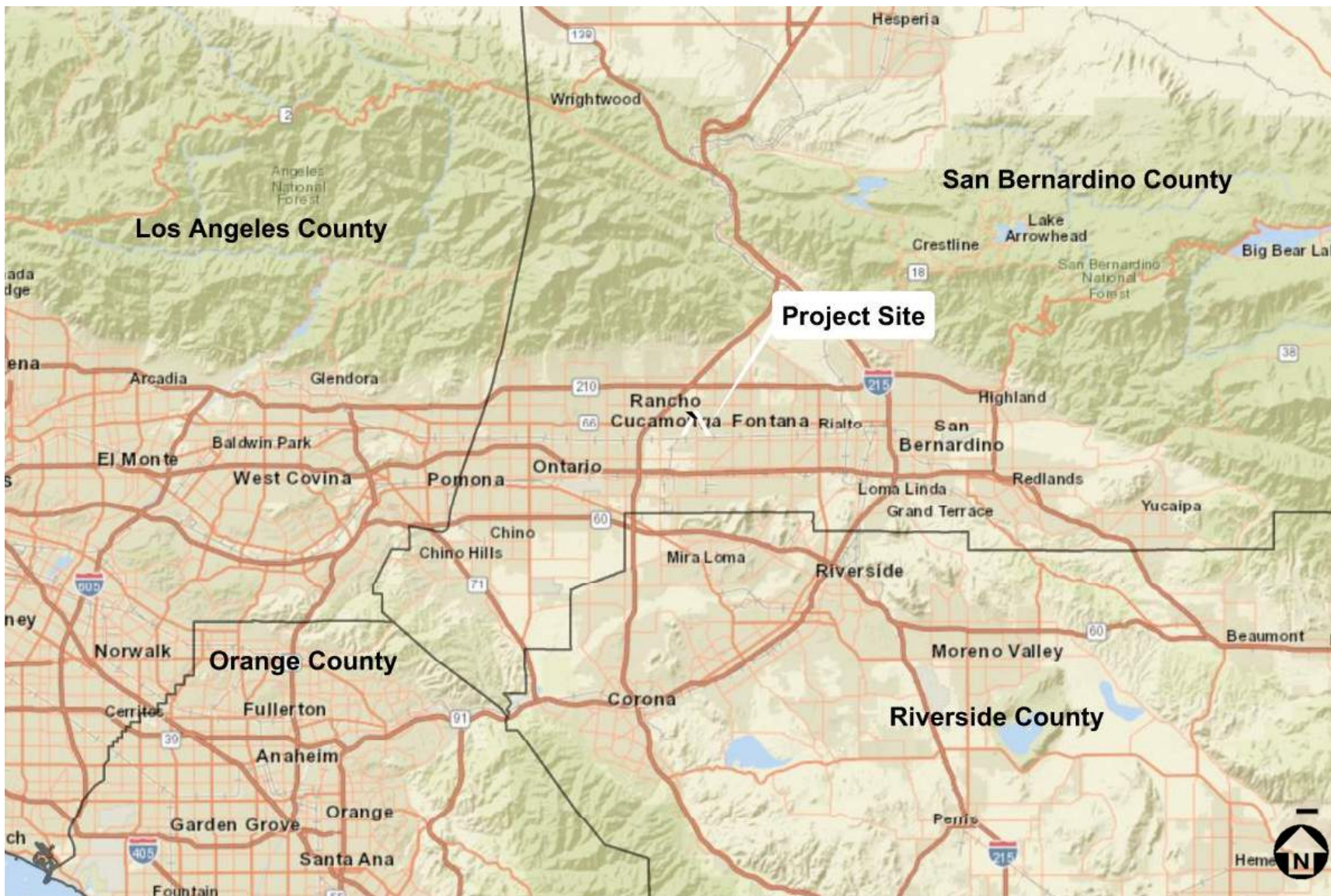
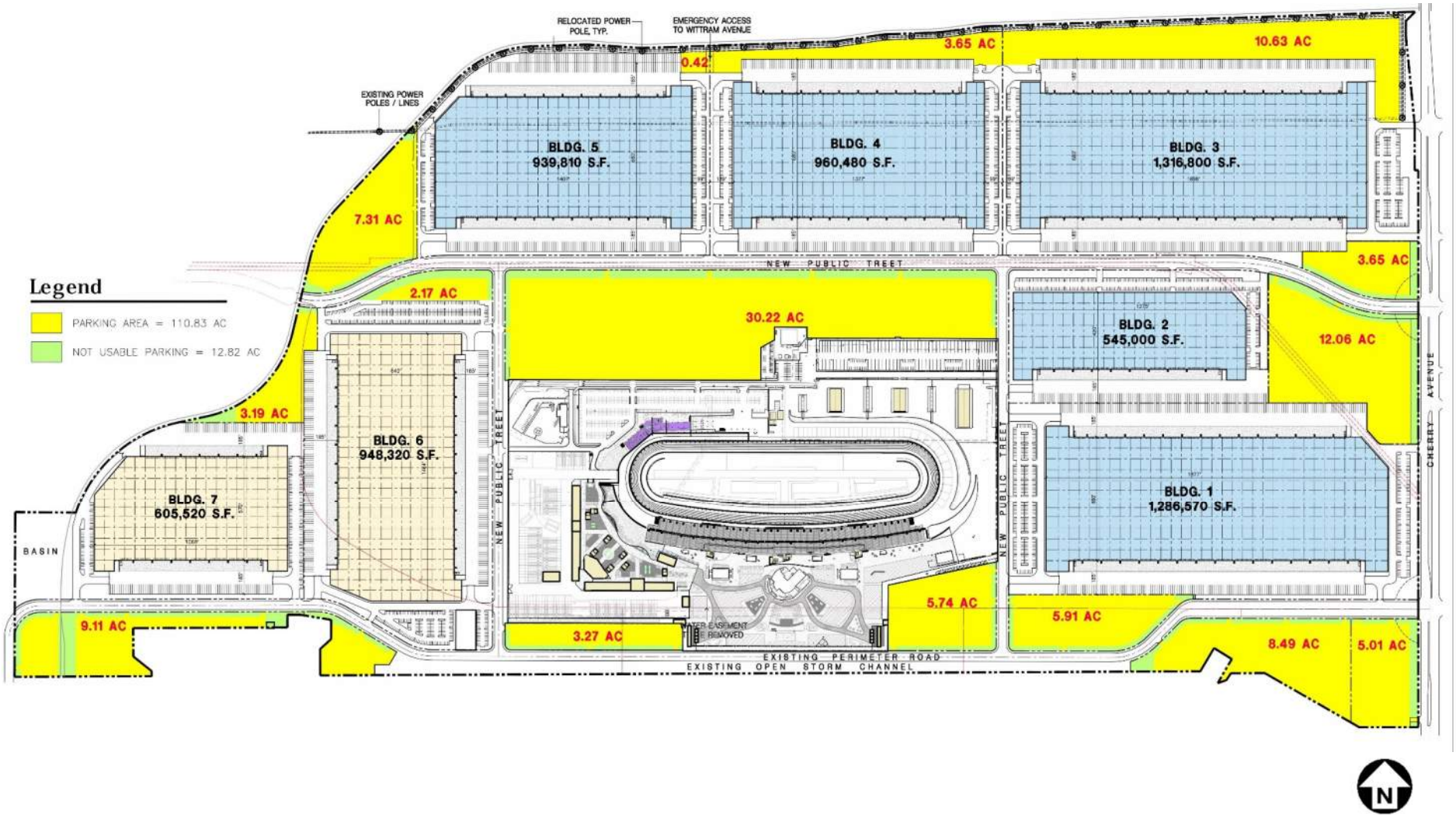


Exhibit 3: Conceptual Site Plan



2 ENVIRONMENTAL SETTING

2.1 Greenhouse Gases and Climate Change

Certain gases in the earth's atmosphere classified as GHGs, play a critical role in determining the earth's surface temperature. Solar radiation enters the earth's atmosphere from space. A portion of the radiation is absorbed by the earth's surface and a smaller portion of this radiation is reflected back toward space. This absorbed radiation is then emitted from the earth as low-frequency infrared radiation. The frequencies at which bodies emit radiation are proportional to temperature. Because the earth has a much lower temperature than the sun, it emits lower-frequency radiation. Most solar radiation passes through GHGs; however, infrared radiation is absorbed by these gases. As a result, radiation that otherwise would have escaped back into space is instead "trapped," resulting in a warming of the atmosphere. This phenomenon, known as the greenhouse effect, is responsible for maintaining a habitable climate on earth.

The primary GHGs contributing to the greenhouse effect are carbon dioxide (CO₂), methane (CH₄), and nitrous oxide (N₂O). Fluorinated gases also make up a small fraction of the GHGs that contribute to climate change. Examples of fluorinated gases include chlorofluorocarbons (CFCs), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF₆), and nitrogen trifluoride (NF₃); however, it is noted that these gases are not associated with typical land use development. Human-caused emissions of GHGs exceeding natural ambient concentrations are believed to be responsible for intensifying the greenhouse effect and leading to a trend of unnatural warming of the Earth's climate, known as global climate change or global warming.

GHGs are global pollutants, unlike criteria air pollutants and toxic air contaminants (TACs), which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects have relatively short atmospheric lifetimes (about one day), GHGs have long atmospheric lifetimes (one to several thousand years). GHGs persist in the atmosphere for long enough time periods to be dispersed around the globe. Although the exact lifetime of a GHG molecule is dependent on multiple variables and cannot be pinpointed, more CO₂ is emitted into the atmosphere than is sequestered by ocean uptake, vegetation, or other forms of carbon sequestration. Of the total annual human-caused CO₂ emissions, approximately 55 percent is sequestered through ocean and land uptakes every year, averaged over the last 50 years, whereas the remaining 45 percent of human-caused CO₂ emissions remains stored in the atmosphere¹. Table 2: Description of Greenhouse Gases describes the primary GHGs attributed to global climate change, including their physical properties.

¹ Intergovernmental Panel on Climate Change, *Carbon and Other Biogeochemical Cycles*. In: *Climate Change 2013: The Physical Science Basis, Contribution of Working Group I to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, 2013. http://www.climatechange2013.org/images/report/WG1AR5_ALL_FINAL.pdf.

Greenhouse Gas	Description
Carbon Dioxide (CO ₂)	CO ₂ is a colorless, odorless gas that is emitted naturally and through human activities. Natural sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Anthropogenic sources are from burning coal, oil, natural gas, and wood. The largest source of CO ₂ emissions globally is the combustion of fossil fuels such as coal, oil, and gas in power plants, automobiles, and industrial facilities. The atmospheric lifetime of CO ₂ is variable because it is readily exchanged in the atmosphere. CO ₂ is the most widely emitted GHG and is the reference gas (Global Warming Potential of 1) for determining Global Warming Potentials for other GHGs.
Nitrous Oxide (N ₂ O)	N ₂ O is largely attributable to agricultural practices and soil management. Primary human-related sources of N ₂ O include agricultural soil management, sewage treatment, combustion of fossil fuels, and adipic and nitric acid production. N ₂ O is produced from biological sources in soil and water, particularly microbial action in wet tropical forests. The atmospheric lifetime of N ₂ O is approximately 120 years. The Global Warming Potential of N ₂ O is 298.
Methane (CH ₄)	CH ₄ , a highly potent GHG, primarily results from off-gassing (the release of chemicals from nonmetallic substances under ambient or greater pressure conditions) and is largely associated with agricultural practices and landfills. Methane is the major component of natural gas, about 87 percent by volume. Human-related sources include fossil fuel production, animal husbandry, rice cultivation, biomass burning, and waste management. Natural sources of CH ₄ include wetlands, gas hydrates, termites, oceans, freshwater bodies, non-wetland soils, and wildfires. The atmospheric lifetime of CH ₄ is about 12 years and the Global Warming Potential is 25.
Hydrofluorocarbons (HFCs)	HFCs are typically used as refrigerants for both stationary refrigeration and mobile air conditioning. The use of HFCs for cooling and foam blowing is increasing, as the continued phase out of CFCs and HCFCs gains momentum. The 100-year Global Warming Potential of HFCs range from 124 for HFC-152 to 14,800 for HFC-23.
Perfluorocarbons (PFCs)	PFCs have stable molecular structures and only break down by ultraviolet rays about 60 kilometers above Earth's surface. Because of this, they have long lifetimes, between 10,000 and 50,000 years. Two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Global Warming Potentials range from 6,500 to 9,200.
Chlorofluorocarbons (CFCs)	CFCs are gases formed synthetically by replacing all hydrogen atoms in methane or ethane with chlorine and/or fluorine atoms. They are nontoxic, nonflammable, insoluble, and chemically unreactive in the troposphere (the level of air at the earth's surface). CFCs were synthesized in 1928 for use as refrigerants, aerosol propellants, and cleaning solvents. The Montreal Protocol on Substances that Deplete the Ozone Layer prohibited their production in 1987. Global Warming Potentials for CFCs range from 3,800 to 14,400.
Sulfur Hexafluoride (SF ₆)	SF ₆ is an inorganic, odorless, colorless, and nontoxic, nonflammable gas. It has a lifetime of 3,200 years. This gas is manmade and used for insulation in electric power transmission equipment, in the magnesium industry, in semiconductor manufacturing, and as a tracer gas. The Global Warming Potential of SF ₆ is 23,900.
Hydrochlorofluorocarbons (HCFCs)	HCFCs are solvents, similar in use and chemical composition to CFCs. The main uses of HCFCs are for refrigerant products and air conditioning systems. As part of the Montreal Protocol, HCFCs are subject to a consumption cap and gradual phase out. The United States is scheduled to achieve a 100 percent reduction to the cap by 2030. The 100-year Global Warming Potentials of HCFCs range from 90 for HCFC-123 to 1,800 for HCFC-142b.
Nitrogen Trifluoride (NF ₃)	NF ₃ was added to Health and Safety Code section 38505(g)(7) as a GHG of concern. This gas is used in electronics manufacture for semiconductors and liquid crystal displays. It has a high global warming potential of 17,200.
Source: Compiled from U.S. EPA, <i>Overview of Greenhouse Gases</i> , (https://www.epa.gov/ghgemissions/overview-greenhouse-gases), accessed 2-5-2020; U.S. EPA, <i>Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990-2019</i> , 2021; Intergovernmental Panel on Climate Change, <i>Climate Change 2007: The Physical Science Basis</i> , 2007; National Research Council, <i>Advancing the Science of Climate Change</i> , 2010; U.S. EPA, <i>Methane and Nitrous Oxide Emission from Natural Sources</i> , April 2010.	

3 REGULATORY SETTING

3.1 Federal

To date, national standards have not been established for nationwide GHG reduction targets, nor have any regulations or legislation been enacted specifically to address climate change and GHG emissions reduction at the project level. Various efforts have been promulgated at the federal level to improve fuel economy and energy efficiency to address climate change and its associated effects.

Energy Independence and Security Act of 2007

The Energy Independence and Security Act of 2007 (December 2007), among other key measures, requires the following, which would aid in the reduction of national GHG emissions:

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020 and direct the National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

U.S. Environmental Protection Agency Endangerment Finding

The U.S. Environmental Protection Agency (EPA) authority to regulate GHG emissions stems from the U.S. Supreme Court decision in *Massachusetts v. EPA* (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing Federal Clean Air Act (FCAA) and must be regulated if these gases could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, the EPA finalized an endangerment finding in December 2009. Based on scientific evidence it found that six GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) constitute a threat to public health and welfare. Thus, it is the Supreme Court's interpretation of the existing FCAA and the EPA's assessment of the scientific evidence that form the basis for the EPA's regulatory actions.

Federal Vehicle Standards

In response to the U.S. Supreme Court ruling discussed above, Executive Order 13432 was issued in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016.

In 2010, an Executive Memorandum was issued directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, the EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO₂ in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency.

In 2018, the President and the EPA stated their intent to halt various federal regulatory activities to reduce GHG emission, including the phase two program. California and other states have stated their intent to challenge federal actions that would delay or eliminate GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives. On September 27, 2019, the EPA and the NHTSA published the “Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule Part One: One National Program.” (84 Fed. Reg. 51,310 (Sept. 27, 2019.)) The Part One Rule revokes California’s authority to set its own GHG emissions standards and set zero-emission vehicle mandates in California. On March 31, 2020, the EPA and NHTSA finalized rulemaking for SAFE Part Two sets CO₂ emissions standards and corporate average fuel economy (CAFE) standards for passenger vehicles and light duty trucks, covering model years 2021-2026. The current U.S. EPA administration has repealed SAFE Rule Part One, effective January 28, 2022 and is reconsidering Part Two pursuant to Presidential Executive Order 13390 issued on January 20, 2021 as discussed below.

Presidential Executive Orders 13990 and 14008

On January 20, 2021, President Biden issued Executive Order 13990, "Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis". Executive Order 13990 directs Federal agencies to immediately review and take action to address the promulgation of Federal regulations and other actions that conflict with these important national objectives and to immediately commence work to confront the climate crisis. Executive Order 13990 directs the Council on Environmental Quality (CEQ) to review CEQ’s 2020 regulations implementing the procedural requirements of the National Environmental Policy Act (NEPA) and identify necessary changes or actions to meet the objectives of Executive Order 13990.

Executive Order 13390 also directs the EPA to consider whether to propose suspending, revising, or rescinding the standards previously revised under the “The Safer Affordable Fuel-Efficient (SAFE) Vehicles Rule for Model Years 2021-2026 Passenger Cars and Light Trucks,” promulgated in April 2020.

On January 27, 2021, President Biden signed Executive Order 14008, "Tackling the Climate Crisis at Home and Abroad," to declare the Administration’s policy to move quickly to build resilience, both at home and abroad, against the impacts of climate change that are already manifest and will continue to intensify according to current trajectories. In line with these Executive Order directives, CEQ is reviewing the 2020 NEPA regulations and plans to publish a notice of proposed rulemaking (NPRM) to identify necessary revisions in order to comply with the law; meet the environmental, climate change, and environmental justice objectives of Executive Orders 13990 and 14008; ensure full and fair public involvement in the NEPA process; provide regulatory certainty to stakeholders; and promote better decision making consistent with NEPA’s statutory requirements. This phase 1 rulemaking will propose a narrow set of changes to the 2020 NEPA regulations to address these goals.

3.2 State of California

California Air Resources Board

The California Air Resources Board (CARB) is responsible for the coordination and oversight of State and local air pollution control programs in California. Various statewide and local initiatives to reduce California's contribution to GHG emissions have raised awareness about climate change and its potential for severe long-term adverse environmental, social, and economic effects. California is a significant emitter of CO₂ equivalents (CO₂e) in the world and produced 459 million gross metric tons of CO₂e in 2013. In the State, the transportation sector is the largest emitter of GHGs, followed by industrial operations such as manufacturing and oil and gas extraction.

The State of California legislature has enacted a series of bills that constitute the most aggressive program to reduce GHGs of any state in the nation. Some legislation, such as the landmark Assembly Bill (AB) 32, *California Global Warming Solutions Act of 2006*, was specifically enacted to address GHG emissions. Other legislation, such as Title 24 building efficiency standards and Title 20 appliance energy standards, were originally adopted for other purposes such as energy and water conservation, but also provide GHG reductions. This section describes the major provisions of the legislation.

Assembly Bill 32 (California Global Warming Solutions Act of 2006)

AB 32 instructs the CARB to develop and enforce regulations for the reporting and verification of statewide GHG emissions. AB 32 also directed CARB to set a GHG emissions limit based on 1990 levels, to be achieved by 2020. It set a timeline for adopting a scoping plan for achieving GHG reductions in a technologically and economically feasible manner.

California Air Resource Board Scoping Plan

CARB adopted the Scoping Plan to achieve the goals of AB 32. The Scoping Plan establishes an overall framework for the measures that would be adopted to reduce California's GHG emissions. CARB determined that achieving the 1990 emissions level would require a reduction of GHG emissions of approximately 29 percent below what would otherwise occur in 2020 in the absence of new laws and regulations (referred to as "business-as-usual")². The Scoping Plan evaluates opportunities for sector-specific reductions, integrates early actions and additional GHG reduction measures by both CARB and the State's Climate Action Team, identifies additional measures to be pursued as regulations, and outlines the adopted role of a cap-and-trade program³. Additional development of these measures and adoption of the appropriate regulations occurred through the end of 2013. Key elements of the Scoping Plan include:

² CARB defines business-as-usual (BAU) in its Scoping Plan as emissions levels that would occur if California continued to grow and add new GHG emissions but did not adopt any measures to reduce emissions. Projections for each emission-generating sector were compiled and used to estimate emissions for 2020 based on 2002–2004 emissions intensities. Under CARB's definition of BAU, new growth is assumed to have the same carbon intensities as was typical from 2002 through 2004.

³ The Climate Action Team, led by the secretary of the California Environmental Protection Agency, is a group of State agency secretaries and heads of agencies, boards, and departments. Team members work to coordinate statewide efforts to implement global warming emissions reduction programs and the State's Climate Adaptation Strategy.

- Expanding and strengthening existing energy efficiency programs, as well as building and appliance standards.
- Achieving a statewide renewables energy mix of 33 percent by 2020.
- Developing a California cap-and-trade program that links with other programs to create a regional market system and caps sources contributing 85 percent of California's GHG emissions (adopted in 2011).
- Establishing targets for transportation-related GHG emissions for regions throughout California and pursuing policies and incentives to achieve those targets (several sustainable community strategies have been adopted).
- Adopting and implementing measures pursuant to existing State laws and policies, including California's clean car standards, heavy-duty truck measures, the Low Carbon Fuel Standard (amendments to the Pavley Standard adopted 2009; Advanced Clean Car standard adopted 2012), goods movement measures, and the Low Carbon Fuel Standard (adopted 2009).
- Creating targeted fees, including a public goods charge on water use, fees on gasses with high global warming potential, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation.
- The California Sustainable Freight Action Plan was developed in 2016 and provides a vision for California's transition to a more efficient, more economically competitive, and less polluting freight transport system. This transition of California's freight transport system is essential to supporting the State's economic development in coming decades while reducing pollution.
- CARB's Mobile Source Strategy demonstrates how the State can simultaneously meet air quality standards, achieve GHG emission reduction targets, decrease health risk from transportation emissions, and reduce petroleum consumption over the next fifteen years. The mobile Source Strategy includes increasing ZEV buses and trucks.

In 2012, CARB released revised estimates of the expected 2020 emissions reductions. The revised analysis relied on emissions projections updated in light of current economic forecasts that accounted for the economic downturn since 2008, reduction measures already approved and put in place relating to future fuel and energy demand, and other factors. This update reduced the projected 2020 emissions from 596 million metric tons of CO₂e (MMTCO₂e) to 545 MMTCO₂e. The reduction in forecasted 2020 emissions means that the revised business-as-usual reduction necessary to achieve AB 32's goal of reaching 1990 levels by 2020 is now 21.7 percent, down from 29 percent. CARB also provided a lower 2020 inventory forecast that incorporated State-led GHG emissions reduction measures already in place. When this lower forecast is considered, the necessary reduction from business-as-usual needed to achieve the goals of AB 32 is approximately 16 percent.

CARB adopted the first major update to the Scoping Plan on May 22, 2014. The updated Scoping Plan summarizes the most recent science related to climate change, including anticipated impacts to California and the levels of GHG emissions reductions necessary to likely avoid risking irreparable damage. It identifies the actions California has already taken to reduce GHG emissions and focuses on areas where further reductions could be achieved to help meet the 2020 target established by AB 32. By 2016, California had reduced GHG emissions below 1990 levels, achieving AB 32's 2020 goal four years ahead of schedule.

In 2016, the Legislature passed Senate Bill (SB) 32, which codifies a 2030 GHG emissions reduction target of 40 percent below 1990 levels. With SB 32, the Legislature passed companion legislation, AB 197, which provides additional direction for developing the Scoping Plan. On December 14, 2017 CARB adopted a second update to the Scoping Plan⁴. The 2017 Scoping Plan details how the State will reduce GHG emissions to meet the 2030 target set by Executive Order B-30-15 and codified by SB 32. Other objectives listed in the 2017 Scoping plan are to provide direct GHG emissions reductions; support climate investment in disadvantaged communities; and support the Clean Power Plan and other Federal actions.

Senate Bill 32 (California Global Warming Solutions Act of 2006: Emissions Limit)

Signed into law in September 2016, SB 32 codifies the 2030 GHG reduction target in Executive Order B-30-15 (40 percent below 1990 levels by 2030). The bill authorizes CARB to adopt an interim GHG emissions level target to be achieved by 2030. CARB also must adopt rules and regulations in an open public process to achieve the maximum, technologically feasible, and cost-effective GHG reductions.

SB 375 (The Sustainable Communities and Climate Protection Act of 2008)

Signed into law on September 30, 2008, SB 375 provides a process to coordinate land use planning, regional transportation plans, and funding priorities to help California meet the GHG reduction goals established by AB 32. SB 375 requires metropolitan planning organizations to include sustainable community strategies in their regional transportation plans for reducing GHG emissions, aligns planning for transportation and housing, and creates specified incentives for the implementation of the strategies.

AB 1493 (Pavley Regulations and Fuel Efficiency Standards)

AB 1493, enacted on July 22, 2002, required CARB to develop and adopt regulations that reduce GHGs emitted by passenger vehicles and light duty trucks. Implementation of the regulation was delayed by lawsuits filed by automakers and by the EPA's denial of an implementation waiver. The EPA subsequently granted the requested waiver in 2009, which was upheld by the by the U.S. District Court for the District of Columbia in 2011. The regulations establish one set of emission standards for model years 2009–2016 and a second set of emissions standards for model years 2017 to 2025. By 2025, when all rules will be fully implemented, new automobiles will emit 34 percent fewer CO_{2e} emissions and 75 percent fewer smog-forming emissions. In 2019 the EPA published the SAFE Rule that revoked California's waiver. However, the EPA is currently reconsidering the SAFE rule pursuant to Presidential Executive Order 13390.

SB 1368 (Emission Performance Standards)

SB 1368 is the companion bill of AB 32, which directs the California Public Utilities Commission (CPUC) to adopt a performance standard for GHG emissions for the future power purchases of California utilities. SB 1368 limits carbon emissions associated with electrical energy consumed in California by forbidding procurement arrangements for energy longer than 5 years from resources that exceed the emissions of a relatively clean, combined cycle natural gas power plant. The new law effectively prevents California's utilities from investing in, otherwise financially supporting, or purchasing power from new coal plants located in or out of the State. The CPUC adopted the regulations required by SB 1368 on August 29, 2007.

⁴ California Air Resources Board, *California's 2017 Climate Change Scoping Plan*, https://www.arb.ca.gov/cc/scopingplan/scoping_plan_2017.pdf. Accessed May 9, 2018.

The regulations implementing SB 1368 establish a standard for baseload generation owned by, or under long-term contract to publicly owned utilities, for 1,100 pounds of CO₂ per megawatt-hour.

SB 1078 and SBX1-2 (Renewable Electricity Standards)

SB 1078 requires California to generate 20 percent of its electricity from renewable energy by 2017. SB 107 changed the due date to 2010 instead of 2017. On November 17, 2008, Governor Arnold Schwarzenegger signed Executive Order S-14-08, which established a Renewable Portfolio Standard target for California requiring that all retail sellers of electricity serve 33 percent of their load with renewable energy by 2020. Executive Order S-21-09 also directed CARB to adopt a regulation by July 31, 2010, requiring the State's load serving entities to meet a 33 percent renewable energy target by 2020. CARB approved the Renewable Electricity Standard on September 23, 2010 by Resolution 10-23. SBX1-2, which codified the 33 percent by 2020 goal.

SB 350 (Clean Energy and Pollution Reduction Act of 2015)

Signed into law on October 7, 2015, SB 350 implements the goals of Executive Order B-30-15. The objectives of SB 350 are to increase the procurement of electricity from renewable sources from 33 percent to 50 percent (with interim targets of 40 percent by 2024, and 25 percent by 2027) and to double the energy efficiency savings in electricity and natural gas end uses of retail customers through energy efficiency and conservation. SB 350 also reorganizes the Independent System Operator to develop more regional electricity transmission markets and improve accessibility in these markets, which will facilitate the growth of renewable energy markets in the western United States.

AB 398 (Market-Based Compliance Mechanisms)

Signed on July 25, 2017, AB 398 extended the duration of the Cap-and-Trade program from 2020 to 2030. AB 398 required CARB to update the Scoping Plan and for all GHG rules and regulations adopted by the State. It also designated CARB as the statewide regulatory body responsible for ensuring that California meets its statewide carbon pollution reduction targets, while retaining local air districts' responsibility and authority to curb toxic air contaminants and criteria pollutants from local sources that severely impact public health. AB 398 also decreased free carbon allowances over 40 percent by 2030 and prioritized Cap-and-Trade spending to various programs including reducing diesel emissions in impacted communities.

SB 150 (Regional Transportation Plans)

Signed on October 10, 2017, SB 150 aligns local and regional GHG reduction targets with State targets (i.e., 40 percent below their 1990 levels by 2030). SB 150 creates a process to include communities in discussions on how to monitor their regions' progress on meeting these goals. The bill also requires the CARB to regularly report on that progress, as well as on the successes and the challenges regions experience associated with achieving their targets. SB 150 provides for accounting of climate change efforts and GHG reductions and identify effective reduction strategies.

SB 100 (California Renewables Portfolio Standard Program: Emissions of Greenhouse Gases)

Signed into Law in September 2018, SB 100 increased California's renewable electricity portfolio from 50 to 60 percent by 2030. SB 100 also established a further goal to have an electric grid that is entirely powered by clean energy by 2045.

AB 1346 (Air Pollution: Small Off-Road Engines)

Signed into Law in October 2021, AB 1346 requires CARB, to adopt cost-effective and technologically feasible regulations to prohibit engine exhaust and evaporative emissions from new small off-road engines, consistent with federal law, by July 1, 2022. The bill requires CARB to identify and, to the extent feasible, make available funding for commercial rebates or similar incentive funding as part of any updates to existing applicable funding program guidelines to local air pollution control districts and air quality management districts to implement to support the transition to zero-emission small off-road equipment operations.

Executive Orders Related to GHG Emissions

California's Executive Branch has taken several actions to reduce GHGs using executive orders. Although not regulatory, they set the tone for the State and guide the actions of state agencies.

Executive Order S-3-05. Executive Order S-3-05 was issued on June 1, 2005, which established the following GHG emissions reduction targets:

- By 2010, reduce GHG emissions to 2000 levels.
- By 2020, reduce GHG emissions to 1990 levels.
- By 2050, reduce GHG emissions to 80 percent below 1990 levels.

The 2050 reduction goal represents what some scientists believe is necessary to reach levels that will stabilize the climate. The 2020 goal was established to be a mid-term target. Because this is an executive order, the goals are not legally enforceable for local governments or the private sector.

Executive Order S-01-07. Issued on January 18, 2007, Executive Order S 01-07 mandates that a statewide goal shall be established to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020. The executive order established a Low Carbon Fuel Standard (LCFS) and directed the Secretary for Environmental Protection to coordinate the actions of the California Energy Commission, CARB, the University of California, and other agencies to develop and propose protocols for measuring the "life-cycle carbon intensity" of transportation fuels. CARB adopted the LCFS on April 23, 2009.

Executive Order S-13-08. Issued on November 14, 2008, Executive Order S-13-08 facilitated the California Natural Resources Agency development of the 2009 California Climate Adaptation Strategy. Objectives include analyzing risks of climate change in California, identifying and exploring strategies to adapt to climate change, and specifying a direction for future research.

Executive Order S-14-08. Issued on November 17, 2008, Executive Order S-14-08 expands the State's Renewable Energy Standard to 33 percent renewable power by 2020. Additionally, Executive Order S-21-09 (signed on September 15, 2009) directs CARB to adopt regulations requiring 33 percent of electricity sold in the State come from renewable energy by 2020. CARB adopted the Renewable Electricity Standard on September 23, 2010, which requires 33 percent renewable energy by 2020 for most publicly owned electricity retailers.

Executive Order S-21-09. Issued on July 17, 2009, Executive Order S-21-09 directs CARB to adopt regulations to increase California's RPS to 33 percent by 2020. This builds upon SB 1078 (2002), which

established the California RPS program, requiring 20 percent renewable energy by 2017, and SB 107 (2006), which advanced the 20 percent deadline to 2010, a goal which was expanded to 33 percent by 2020 in the 2005 Energy Action Plan II.

Executive Order B-30-15. Issued on April 29, 2015, Executive Order B-30-15 established a California GHG reduction target of 40 percent below 1990 levels by 2030 and directs CARB to update the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of CO₂e (MMTCO₂e). The 2030 target acts as an interim goal on the way to achieving reductions of 80 percent below 1990 levels by 2050, a goal set by Executive Order S-3-05. The executive order also requires the State’s climate adaptation plan to be updated every three years and for the State to continue its climate change research program, among other provisions. With the enactment of SB 32 in 2016, the Legislature codified the goal of reducing GHG emissions by 2030 to 40 percent below 1990 levels.

Executive Order B-55-18. Issued on September 10, 2018, Executive Order B-55-18 establishes a goal to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter. This goal is in addition to the existing statewide targets of reducing GHG emissions. The executive order requires CARB to work with relevant state agencies to develop a framework for implementing this goal. It also requires CARB to update the Scoping Plan to identify and recommend measures to achieve carbon neutrality. The executive order also requires state agencies to develop sequestration targets in the Natural and Working Lands Climate Change Implementation Plan.

Executive Order N-79-20. Signed in September 2020, Executive Order N-79-20 establishes as a goal that where feasible, all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035. The executive order sets a similar goal requiring that all medium and heavy-duty vehicles will be zero-emission by 2045 where feasible. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment “requiring increasing volumes” of new zero emission vehicles (ZEVs) “towards the target of 100 percent.” The executive order directs the California Environmental Protection Agency, the California Geologic Energy Management Division (CalGEM), and the California Natural Resources Agency to transition and repurpose oil production facilities with a goal toward meeting carbon neutrality by 2045. Executive Order N-79-20 builds upon the CARB Advanced Clean Trucks regulation, which was adopted by CARB in July 2020.

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California’s energy consumption relatively flat even with rapid population growth.

Title 20 Appliance Efficiency Regulations. The appliance efficiency regulations (California Code of Regulations [CCR] Title 20, Sections 1601-1608) include standards for new appliances. Twenty-three categories of appliances are included in the scope of these regulations. These standards include minimum levels of operating efficiency, and other cost-effective measures, to promote the use of energy- and water-efficient appliances.

Title 24 Building Energy Efficiency Standards. California’s Energy Efficiency Standards for Residential and Nonresidential Buildings (CCR Title 24, Part 6) was first adopted in 1978 in response to a legislative mandate to reduce California’s energy consumption. The standards are updated periodically to allow

consideration and possible incorporation of new energy efficient technologies and methods. Energy efficient buildings require less electricity; therefore, increased energy efficiency reduces fossil fuel consumption and decreases GHG emissions. The 2016 Building Energy Efficiency Standards approved on January 19, 2016 went into effect on January 1, 2017. The 2019 Building Energy Efficiency Standards were adopted on May 9, 2018 and took effect on January 1, 2020. Under the 2019 standards, homes will use about 53 percent less energy and nonresidential buildings will use about 30 percent less energy than buildings under the 2016 standards.

Title 24 California Green Building Standards Code. The California Green Building Standards Code (CCR Title 24, Part 11 code) commonly referred to as the CALGreen Code, is a statewide mandatory construction code developed and adopted by the California Building Standards Commission and the Department of Housing and Community Development. The CALGreen standards require new residential and commercial buildings to comply with mandatory measures under the topics of planning and design, energy efficiency, water efficiency/conservation, material conservation and resource efficiency, and environmental quality. CALGreen also provides voluntary tiers and measures that local governments may adopt that encourage or require additional measures in the five green building topics.

On August 11, 2021, the CEC adopted the 2022 Energy Code. In December, it was approved by the California Building Standards Commission for inclusion into the California Building Standards Code. Among other updates like strengthened ventilation standards for gas cooking appliances, the 2022 Energy Code includes updated standards in three major areas:

- New electric heat pump requirements for residential uses, schools, offices, banks, libraries, retail, and grocery stores.
- The promotion of electric-ready requirements for new homes including the addition of circuitry for electric appliances, battery storage panels, and dedicated infrastructure to allow for the conversion from natural gas to electricity.
- The expansion of solar photovoltaic and battery storage standards to additional land uses including high-rise multifamily residences, hotels and motels, tenant spaces, offices, (including medical offices and clinics), retail and grocery stores, restaurants, schools, and civic uses (including theaters auditoriums, and convention centers)

Projects whose permit applications are applied for on or after January 1, 2023, must comply with the 2022 Energy Code.⁵

CARB Advanced Clean Truck Regulation. CARB adopted the Advanced Clean Truck Regulation in June 2020 requiring truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. This rule directly addresses disproportionate risks and health and pollution burdens and puts California on the path for an all zero-emission short-haul drayage fleet in ports and railyards by 2035, and zero-emission “last-mile” delivery trucks and vans by 2040. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8. The regulation has two components including a manufacturer sales requirement, and a reporting requirement:

⁵ California Energy Commission. 2022. *2022 Building Energy Efficiency Standards*, <https://www.energy.ca.gov/programs-and-topics/programs/building-energy-efficiency-standards/2022-building-energy-efficiency> (accessed April 2022).

- **Zero-Emission Truck Sales:** Manufacturers who certify Class 2b through 8 chassis or complete vehicles with combustion engines are required to sell zero-emission trucks as an increasing percentage of their annual California sales from 2024 to 2035. By 2035, zero-emission truck/chassis sales need to be 55 percent of Class 2b – 3 truck sales, 75 percent of Class 4 – 8 straight truck sales, and 40 percent of truck tractor sales.
- **Company and Fleet Reporting:** Large employers including retailers, manufacturers, brokers and others would be required to report information about shipments and shuttle services. Fleet owners, with 50 or more trucks, would be required to report about their existing fleet operations. This information would help identify future strategies to ensure that fleets purchase available zero-emission trucks and place them in service where suitable to meet their needs.

3.3 Regional

South Coast Air Quality Management District Rule 2305 (Warehouse Indirect Source Rule)

Rule 2305 was adopted by the SCAQMD Governing Board on May 7, 2021 to reduce NOX and particulate matter emissions associated with warehouses and mobile sources attracted to warehouses. However, Rule 2305 would also reduce GHG emissions. This rule applies to all existing and proposed warehouses over 100,000 square feet located in the SCAQMD. Rule 2305 requires warehouse operators to track annual vehicle miles traveled associated with truck trips to and from the warehouse. These trip miles are used to calculate the warehouses WAIRE (Warehouse Actions and Investments to Reduce Emissions) Points Compliance Obligation. WAIRE Points are earned based on emission reduction measures and warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. Reduction strategies listed in the WAIRE menu include acquire zero emission (ZE) or near zero emission (NZE) trucks; require ZE/NZE truck visits; require ZE yard trucks; install on-site ZE charging/fueling infrastructure; install onsite energy systems; and install filtration systems in residences, schools, and other buildings in the adjacent community. Warehouse operators that do not earn a sufficient number of WAIRE points to satisfy the WAIRE Points Compliance Obligation would be required to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby.

South Coast Air Quality Management District Thresholds

The South Coast Air Quality Management District (SCAQMD) formed a GHG California Environmental Quality Act (CEQA) Significance Threshold Working Group to provide guidance to local lead agencies on determining significance for GHG emissions in their CEQA documents. This working group was formed to assist SCAQMD's efforts to develop a GHG significance threshold and is composed of a wide variety of stakeholders including the State Office of Planning and Research, CARB, the Attorney General's Office, a variety of city and county planning departments in the South Coast Air Basin (SCAB), various utilities such as sanitation and power companies throughout the SCAB, industry groups, and environmental and professional organizations. The Working Group has proposed a tiered approach to evaluating GHG emissions for development projects where SCAQMD is not the lead agency, wherein projects are evaluated sequentially through a series of "tiers" to determine whether the project is likely to result in a potentially significant impact due to GHG emissions.

With the tiered approach, a project is compared against the requirements of each tier sequentially and would not result in a significant impact if it complies with any tier. Tier 1 excludes projects that are specifically exempt from SB 97 from resulting in a significant impact. Tier 2 excludes projects that are consistent with a GHG reduction plan that has a certified final CEQA document and complies with AB 32 GHG reduction goals. Tier 3 excludes projects with annual emissions lower than a screening threshold. The SCAQMD has adopted a threshold of 10,000 metric tons of CO₂e (MTCO₂e) per year for industrial projects and a 3,000 MTCO₂e threshold was proposed for non-industrial projects but has not been adopted. During Working Group Meeting #7 it was explained that this threshold was derived using a 90 percent capture rate of a large sampling of industrial facilities. During Meeting #8, the Working Group defined industrial uses as production, manufacturing, and fabrication activities or storage and distribution (e.g., warehouse, transfer facility, etc.). The Working Group indicated that the 10,000 MTCO₂e per year threshold applies to both emissions from construction and operational phases plus indirect emissions (electricity, water use, etc.). The SCAQMD concluded that projects with emissions less than the screening threshold would not result in a significant cumulative impact.

Tier 4 consists of three decision tree options. Under the Tier 4 first option, SCAQMD initially outlined that a project would be excluded if design features and/or mitigation measures resulted in emissions 30 percent lower than business as usual emissions. However, the Working Group did not provide a recommendation for this approach. The Working Group folded the Tier 4 second option into the third option. Under the Tier 4 third option, a project would be excluded if it was below an efficiency-based threshold of 4.8 MTCO₂e per service population per year. Tier 5 would exclude projects that implement offsite mitigation (GHG reduction projects) or purchase offsets to reduce GHG emission impacts to less than the proposed screening level.

Tier 3 Screening Thresholds

When the tiered approach is applied to a proposed project, and the project is found not to comply with Tier 1 or Tier 2, the project's emissions are compared against a screening threshold, as described above, for Tier 3. The screening threshold formally adopted by SCAQMD is an "interim" screening threshold for stationary source industrial projects where the SCAQMD is the lead agency under CEQA. The threshold was termed "interim" because, at the time, SCAQMD anticipated that CARB would be adopting a statewide significance threshold that would inform and provide guidance to SCAQMD in its adoption of a final threshold. However, no statewide threshold was ever adopted, and the interim threshold remains in effect.

For projects for which SCAQMD is not a lead agency, no screening thresholds have been formally adopted. However, the SCAQMD Working Group has recommended a threshold of 10,000 MTCO₂e/year for industrial projects and 3,000 MTCO₂e/year for residential and commercial projects. SCAQMD determined that these thresholds would "capture" 90 percent of GHG emissions from these sectors, "capture" meaning that 90 percent of total emissions from all new projects would be subject to some type of CEQA analysis (i.e., found potentially significant).⁶

⁶ SCAQMD, "Staff Report: Interim CEQA GHG Significance Threshold for Stationary Sources, Rules and Plans," December 5, 2008, Attachment E: "Draft Guidance Document – Interim CEQA Greenhouse Gas (GHG) Significance Threshold," October 2008, p. 3-2.

Southern California Association of Governments

On September 3, 2020, SCAG's Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]). The RTP/SCS charts a course for closely integrating land use and transportation so that the region can grow smartly and sustainably. The strategy was prepared through a collaborative, continuous, and comprehensive process with input from local governments, county transportation commissions, tribal governments, non-profit organizations, businesses and local stakeholders within the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. The RTP/SCS is a long-range vision plan that balances future mobility and housing needs with economic, environmental, and public health goals. The SCAG region strives toward sustainability through integrated land use and transportation planning. The SCAG region must achieve specific federal air quality standards and is required by state law to lower regional GHG emissions.

3.4 Local

County of San Bernardino Countywide Plan

The project site is within an unincorporated area of the non-desert portion of southwestern San Bernardino County, which is part of the South Coast Air Basin (SCAB) and is under the jurisdiction of the SCAQMD. The San Bernardino Countywide General Plan includes the following goals and policies to reduce GHG emissions within the county boundaries:

Goal NR-1 Air Quality. Air quality that promotes health and wellness of residents in San Bernardino County through improvements in locally-generated emissions.

Policy NR-1.1 Land use. Promote compact and transit-oriented development countywide and regulate the types and locations of development in unincorporated areas to minimize vehicle miles traveled and greenhouse gas emissions.

Policy NR-1.7 Greenhouse gas reduction targets. Strive to meet the 2040 and 2050 greenhouse gas emission reduction targets in accordance with state law.

Policy NR-1.9 Building design and upgrades. Use the CALGreen Code to meet energy efficiency standards for new buildings and encourage the upgrading of existing buildings to incorporate design elements, building materials, and fixtures that improve environmental sustainability and reduce emissions.

Goal RE-1 Energy Conservation and Efficiency. The County will pursue energy efficiency tools and conservation practices that optimize the benefits of renewable energy.

Policy RE-1.1 GHG Reduction Plan. Continue implementing the energy conservation and efficiency measures identified in the County of San Bernardino Greenhouse Gas Emissions Reduction Plan.

Policy RE-1.2 Optimized efficiency. Optimize energy efficiency in the built environment

Policy RE-1.4 Energy conservation. Encourage residents and businesses to conserve energy.

Goal RE-2 Renewable Energy Systems. The County will be home to diverse and innovative renewable energy systems that provide reliable and affordable energy to our unique Valley, Mountain, and Desert regions.

Policy RE-2.1 Types of renewable energy systems. Support solar energy generation, solar water heating, wind energy and bioenergy systems that are consistent with the orientation, siting and environmental compatibility policies of the General Plan.

San Bernardino County Greenhouse Gas Reduction Plan

The County adopted a GHG Reduction Plan in September 2011 and updated their GHG Development Review Process in March 2015, and most recently in September 2021 (GHG Reduction Plan). The GHG Reduction Plan provides a means of implementing state regulations, including AB 32, AB 1493, Executive Order S-3-05, SB 375, Executive Order B-30-15, SB 32, AB 398, and SB 97, at the County level. The 2021 GHG Reduction Plan Update provides a target and comprehensive set of actions for GHG emission reductions for the year 2030 (i.e., an emissions reduction 40 percent below 2007 levels). This reduction would be consistent with the State's long-term goal to achieve statewide carbon neutrality (zero net emissions) by 2045.

GHG emissions impacts are assessed through the GHG Development Review Process by applying appropriate reduction requirements as part of the discretionary approval of new development projects. Through its development review process, the County will implement CEQA requiring new development projects to quantify project GHG emissions and adopt feasible mitigation to reduce project emissions below a level of significance.

A review standard of 3,000 MTCO₂e per year is used to identify projects that require the use of Screening Tables or a project-specific technical analysis to quantify and mitigate project emissions. The purpose of the Screening Tables is to provide guidance in measuring the reduction of GHG emissions attributable to certain design and construction measures incorporated into development projects.

4 SIGNIFICANCE CRITERIA AND METHODOLOGY

4.1 CEQA Thresholds and Significance Criteria

Based upon the criteria derived from Appendix G of the CEQA Guidelines, a project normally would have a significant effect on the environment if it would:

- Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment, based on any applicable threshold of significance; or
- Conflict with any applicable plan, policy or regulation of an agency adopted for the purpose of reducing the emissions of GHGs.

Addressing GHG emissions generation impacts requires an agency to determine what constitutes a significant impact. The amendments to the CEQA Guidelines specifically allow lead agencies to determine thresholds of significance that illustrate the extent of an impact and are a basis from which to apply mitigation measures. This means that each agency is left to determine whether a project's GHG emissions will have a "significant" impact on the environment. The guidelines direct that agencies are to use "careful judgment" and "make a good-faith effort, based to the extent possible on scientific and factual data, to describe, calculate or estimate" the project's GHG emissions⁷.

GHG Thresholds

On December 5, 2008, the SCAQMD Governing Board adopted a 10,000 MTCO₂e industrial threshold for projects where SCAQMD is the lead agency. The SCAQMD GHG CEQA Significance Threshold Working Group defined industrial uses as production, manufacturing, and fabrication activities or storage and distribution (e.g., warehouse, transfer facility, etc.) during Meeting #8. Additionally, the SCAQMD GHG Significance Threshold Stakeholder Working Group has specified that a warehouse is considered to be an industrial project.⁸ During the GHG CEQA Significance Threshold Working Group Meeting #15, the SCAQMD noted that it was considering extending the industrial GHG significance threshold for use by all lead agencies. Furthermore, the Working Group indicated that the 10,000 MTCO₂e per year threshold applies to both emissions from construction and operational phases plus indirect emissions (electricity, water use, etc.). The SCAQMD has not announced when staff is expecting to present GHG thresholds for land use projects where the SCAQMD is not the lead agency to the governing board.

As noted above, the County's GHG Reduction Plan includes review standard of 3,000 MTCO₂e per year to identify projects that require the use of Screening Tables or a project-specific technical analysis to quantify and mitigate project emissions. The purpose of the Screening Tables is to provide guidance in measuring the reduction of GHG emissions attributable to certain design and construction measures incorporated into development projects. Projects that exceed the 3,000 MTCO₂e/year are required to either achieve a minimum 100 points per the Screening Tables or a 31 percent reduction over 2007 emissions levels.

According to the County's 2021 GHG Emissions Reduction Plan Update, any project that adopts at least 100 points of GHG performance standards listed in the proposed 2021 Screening Tables, would be

⁷ 14 California Code of Regulations, Section 15064.4a

⁸ South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #8*, 2009.

consistent with the County's GHG Emissions Reduction Plan to reduce emissions to 40 percent below 2007 levels. Meeting this reduction would be consistent with the State's long-term goal to achieve statewide carbon neutrality (zero net emissions) by 2045, and therefore, would result in a less than significant impact related to GHG emissions.

4.2 Methodology

Global climate change is, by definition, a cumulative impact of GHG emissions. Therefore, there is no project-level analysis. The baseline against which to compare potential impacts of the project includes the natural and anthropogenic drivers of global climate change, including world-wide GHG emissions from human activities which almost doubled between 1970 and 2010 from approximately 27 gigatonnes (Gt) of CO₂/year to nearly 49 GtCO₂/year.⁹ As such, the geographic extent of climate change and GHG emissions cumulative impact discussion is worldwide.

The Project's construction and operational emissions were calculated using the California Emissions Estimator Model version 2020.4.0 (CalEEMod). Details of the modeling assumptions and emission factors are provided in Appendix A: Greenhouse Gas Emissions Data. For construction, CalEEMod calculates emissions from off-road equipment usage and on-road vehicle travel associated with haul, delivery, and construction worker trips. GHG emissions during construction were forecasted based on the proposed construction schedule and applying the mobile-source and fugitive dust emissions factors derived from CalEEMod. The Project's construction-related GHG emissions would be generated from off-road construction equipment, on-road hauling, vendor (material delivery) trucks, and worker vehicles. Construction was modeled generally according to the following timeline¹⁰:

- Phase 1a: Commence in 2023 with a 12-month duration.
- Phase 1b: Commence in 2024 with a 12-month duration.
- Phase 2: Commence in 2025 with a 12-month duration.
- Commercial Parcel: Commence in 2026 with an 11-month duration.

The Project's operational GHG emissions would be generated by vehicular traffic, off-road equipment, area sources (e.g., landscaping maintenance, consumer products), electrical generation, natural gas consumption, water supply and wastewater treatment, and solid waste. These emissions categories are discussed below.

- **Area Sources.** Area source emissions occur from hearths, architectural coatings, landscaping equipment, and consumer products. The Project involves warehouse uses and would not include hearths. Landscaping and consumer products would be limited. Negligible quantities of consumer

⁹ Intergovernmental Panel on Climate Change, *Climate Change 2014 Mitigation of Climate Change Working Group III Contribution to the Fifth Assessment Report of the Intergovernmental Panel on Climate Change*, 2014.

¹⁰ As the Project development is speculative, a conservative worst-case construction timeline has been modeled for analysis purposes. This involves modeling emissions at the earliest feasible date. Emissions in future years (i.e., due to a later construction start date or operational opening year) would be lower due to phased-in emissions standards, inspection and maintenance requirements, and fleet turnover). Project construction that occurs at a later date than what was modeled impacts would result in lower emissions than those analyzed due to the use of more energy-efficient and cleaner burning construction vehicle fleet mix, pursuant to state regulations that require vehicle fleet operators to phase-in less polluting heavy-duty equipment. As a result, Project-related construction emissions would be lower than the impacts disclosed herein. For emissions modeling purposes, conservatively analyzing the emissions using an earlier construction start date provides for a worst-case analysis and full disclosure of potential air quality impacts, as required by CEQA.

products (i.e., personal care products, home, lawn, and garden products, disinfectants, sanitizers, polishes, cosmetics, and floor finishes) would be used.

- **Energy Consumption.** Energy consumption consists of emissions from project consumption of electricity and natural gas. Primary uses of electricity and natural gas by the Project would be for miscellaneous warehouse equipment, space heating and cooling, water heating, ventilation, lighting, appliances, and electronics. Energy emissions are calculated based on consumption rates and emissions factors in CalEEMod.
- **Solid Waste.** Solid waste releases GHG emissions in the form of methane when these materials decompose. Solid waste emissions are calculated based on generation rates and emissions factors in CalEEMod.
- **Water and Wastewater.** Project GHG emissions would be generated from energy consumption associated with water and wastewater conveyance and treatment. Water and wastewater emissions are calculated based on consumption rates and emissions factors in CalEEMod.
- **Off-Road Equipment.** Operational off-road emissions would be generated by off-road cargo handling equipment used during operational activities at the warehouses (off-road equipment would not be needed for the operational activities at the commercial development). Off-road emissions were calculated with emissions rates derived from CARB's OFFROAD database. For this project it was assumed that the warehouses would including the following off-road equipment per SCAQMD data¹¹:
 - Phase 1a: 63 forklifts and 11 yard trucks
 - Phase 1b: 38 forklifts and 7 yard trucks
 - Phase 2: 31 forklifts and 6 yard trucks
- **Transport Refrigeration Units.** Transport Refrigeration Units (TRUs) are refrigeration systems powered by diesel internal combustion engines designed to refrigerate or heat perishable products that are transported in various containers, including semi-trailers and truck vans. TRU emissions were quantified with CARB's OFFROAD database. All trucks associated with the refrigerated building space were assumed to have TRUs for modeling purposes to provide a worst-case scenario.
- **Emergency Backup Generators.** As the Project warehouses are speculative, it is unknown whether emergency backup generators would be used. Backup generators would only be used in the event of a power failure and would not be part of the Project's normal daily operations. Nonetheless, emissions associated with this equipment were included to be conservative. Emissions from an emergency backup generator for each warehouse building were calculated separately from CalEEMod; refer to Appendix A. However, CalEEMod default emissions rates were used. If backup generators are required, the end user would be required to obtain a permit from the SCAQMD prior to installation. Emergency backup generators must meet SCAQMD's Best Available Control Technology (BACT) requirements and comply with SCAQMD Rule 1470 (Requirements for Stationary Diesel-Fueled Internal Combustion and Other Compression Ignition Engines), which would minimize emissions.

Mobile Sources. Mobiles source emissions were calculated with CalEEMod based on the trip generation from the Project Traffic Study prepared by Kimley-horn and Associates (January 2022).

¹¹ SCAQMD, *High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results*, June 2014.

The Project land use assumptions and trip generation from the Traffic Study is summarized in Table 3: CalEEMod Land Use and Trip Generation. Project trip generation is based on Institute of Transportation Engineers (ITE) land use categories or specific counts where ITE categories were not available. Truck mix percentages are based on the SCAQMD Truck Trip Generation Study applied to ITE truck percentages and data from other similar facilities. Other operational emissions from area, energy, and stationary sources were quantified in CalEEMod based on land use activity data.

Table 3: CalEEMod Land Use and Trip Generation					
Land Use Type	Building Area Modeled (Thousand Square Feet)⁷	Modeled Acreage⁸	Total Daily Trips⁹	Truck %	Trucks¹⁰
Phase 1a					
E-Commerce Warehouse with Office ^{1,2}	2,773.050	63.7	13,595	13.4%	1,828
Additional Warehouse for modeling purposes only ³	250.320	5.7			
Refrigerated Warehouse (ITE 157 High-Cube Cold Storage)	125.000	2.9			
Truck Storage and Streets/Utilities ⁴	--	71.6	3,359	84.4%	2,836
Parking Lot	--	60.7	--	--	--
Phase 1a Total	3,148.370	204.6	16,954	27.5%	4,664
Phase 1b					
Unrefrigerated Warehouse (ITE 154 High-Cube Short-Term Storage) ⁵	1,053.530	24.2	10,512	10.4%	1,098
Additional Warehouse for modeling purposes only ³	721.770	16.6			
Refrigerated Warehouse (ITE 157 High-Cube Cold Storage)	125.000	2.8			
Truck Storage and Streets/Utilities ⁴	--	61.7	2,895	84.4%	2,444
Parking Lot	--	36.5	--	--	--
Phase 1b Total	1,900.300	141.8	13,407	26.4%	3,542
Phase 2					
Refrigerated Warehouse (ITE 157 High Cube Cold Storage)	250.000	5.7	1,060	34.9%	370
Unrefrigerated Warehouse (ITE 154 High Cube Short-Term Storage) ⁶	1,087.470	25.0	1,429	15.8%	225
Additional Warehouse for modeling purposes only ^{3,6}	216.370	5.0			
Truck Storage and Streets/Utilities ⁴	--	17.7	833	84.4%	703
Parking Lot	--	33.1	--	--	--
Phase 2 Total	1,553.840	86.5	3,322	39.1%	1,298
Commercial Uses					
General Commercial (ITE 820) and Associated Parking ¹¹	261.360	12.0	9,866	3.7%	361
Commercial Total	522.720	12.0	9,866	3.7%	361

Table 3: CalEEMod Land Use and Trip Generation					
Land Use Type	Building Area Modeled (Thousand Square Feet)⁷	Modeled Acreage⁸	Total Daily Trips⁹	Truck %	Trucks¹⁰
E-Commerce/Warehouse Building Area Total (All Phases)	6,602.510	151.6	26,596	13%	3,521
Truck Storage/Street/Utilities/Parking Lot Total (All Phases)	--	281.3	7,087	84%	5,983
Total (All Phases)	6,863.810	432.9	43,549	22.65%	9,865

1. Trip generation based on trip counts for similar uses; refer to the Traffic Study.
2. Includes 50 thousand square feet (KSF) of office and 2,723.050 KSF unrefrigerated warehouse.
3. Additional warehouse building area is modeled to be conservative and provide flexibility between phases. The overall building area is conservative and additional building area (refrigerated and non-refrigerated) has also been included in the initial phases.
4. As indicated in the Traffic Study, truck storage trips rates provided by the City of San Bernardino based on data from similar facilities; refer to the Traffic Study.
5. Includes 40 KSF office and 1,735.3 KSF unrefrigerated warehouse.
6. Includes 30 KSF office and 1,273.84 KSF unrefrigerated warehouse.
7. Total square footage includes high cube/e-commerce warehouse and commercial building sizes used in the CalEEMod modeling.
8. The total acreage for the Project site is 432.9 acres. However, for modeling purposes an additional 12 acres was included to conservatively capture the commercial uses.
9. Per the TIA, the project would generate are 34,489 total daily trips (34,150 net trips). For emissions modeling purposes, this analysis evaluates the daily trip generation based on the maximum building area of 6.6 million square feet to conservatively capture the maximum potential passenger car and truck trips even though this trip scenario may not be feasible due to site constraints.
10. The TIA trip generation includes 8,468 non-passenger car equivalent daily truck trips and 25,681 net passenger car trips for a total of 34,150 net trips. As noted above, a greater number of daily trips was analyzed for emissions modeling purposes.
11. Of the total acreage noted for proposed parking lots, 12 acres are identified with a commercial overlay that could support up to 261,300 sf of commercial uses. Due to the speculative nature of the commercial development and in order to represent a worst case scenario, the analysis assumes that all 130.3 acres of parking (including the 12 acres with commercial overlay) would be developed in Phases 1a, 1b, and 2 as parking lots. Furthermore, the analysis assumes that the commercial uses would be developed after the parking lots were constructed and would require re-purposing of the parking lots into a commercial use. Therefore, the model includes an additional 12 acres of re-development of the parking lots to support the 261,300 sf of commercial. The total modeled acreage is 432.9 acres plus the additional 12 acres, for a total of 444.9 acres modeled. The total site does not exceed 432.9 acres.

The Project site would consist of up to approximately 6.6 million square feet of high-cube logistics and e-commerce uses with 261,360 square feet of ancillary commercial uses, and approximately 98 acres of parking fields/drop lot areas as well as ancillary open space. However, for purposes of trip generation and associated air quality analysis, a conservative approach was used in the trip generation which assumes 2,641,000 million square feet of high-cube logistics and 2,773,050 million square feet of e-commerce uses, for a total of 5,414,050 million sf of combined high-cube logistics and e-commerce uses. This scenario provides for the maximum number of trips and related air quality impacts that could be associated with the Project. For instance, if the Project were to develop with 6.6 million square feet of high-cube logistics uses only, the number of trips associated with the project would be less than if the project were to develop with the assumed 2,641,000 million square feet of high-cube logistics and 2,773,050 million square feet of e-commerce uses due to the higher intensity of trips generated with e-commerce uses. Potential tenants and end users are unknown at this time; therefore, the exact square footage allocation between high-cube logistics and e-commerce uses cannot be determined at the time this EIR was prepared. Therefore, future development of high-cube logistics and e-commerce uses within the Project site would occur in a combination that would not exceed the maximum number of vehicle trips analyzed within this EIR, which represents a conservative, worst-case scenario. For purposes of construction emissions modeling, the maximum potential development of approximately 6.6 million square feet building area was modeled to reflect the maximum square footage of building construction potential.

Emissions reductions from mitigation measures were applied in CalEEMod are derived from methodologies compiled in the CAPCOA report Quantifying GHG Measures¹². Each measure was assessed to determine its consistency with CAPCOA criteria for the use of the measure. The following mitigation measure were applied in CalEEMod include:

- Transportation Demand Management Measures: TRT-1 (Implement Trip Reduction Program), TRT-7 (Market Commute Trip Reduction Option), and TRT-11 (Employee Vanpool/Shuttle).
- A-1 – Electric Handheld Landscape Equipment.
- BE-1 – Exceed Title 24. The project would be required to comply with CALGreen Tier 2, which requires a 30 percent improvement.
- SW-1 – 75 Percent Reduction in Solid Waste Disposal.

Additionally, the following design feature was quantified outside of CalEEMod:

- **Zero Emission Cargo Handling Equipment.** Zero emission/electric cargo handling equipment (see Mitigation Measure (MM) AQ-9, below) emissions from energy consumption were calculated based on 132 forklifts and 24 yard trucks operating for 12 hours per day and the Southern California Edison (SCE) electricity CO₂e emissions factor from CalEEMod. As noted above, the assumptions for the equipment are based on the SCAQMD *High Cube Warehouse Truck Trip Study White Paper* (2014).

4.3 Project Design Features

The Master Developer proposes the following Project Design Features (PDFs) that would be incorporated into the Project design and constructed or implemented as part of the Project. PDFs are specific design and/or operational characteristics proposed by the Master Developer that are incorporated into the Project and part of the Project description and Specific Plan. Because PDFs are incorporated into the Project, they do not constitute mitigation measures. PDFs relevant to GHG emissions are provided in the Project Air Quality Assessment.

For example, PDF AQ-8 requires all heavy-duty vehicles registered in California entering or operated on the Project site shall be model year 2010 or later. To promote the use of alternative fuels and clean fleets and facilitate future installation of electric vehicle supply equipment, PDF AQ-9 requires that all heavy-duty trucks to be zero emissions beginning in 2030 if such trucks are widely available and economically feasible and PDF AQ-10 requires tenants/facility operators to use zero-emission light- and medium-duty trucks as part of business operations, if such trucks are widely available and economically feasible. PDF AQ-11 requires tenants/facility operators to train managers and employees on efficient scheduling and load management to eliminate unnecessary queuing and idling of trucks. PDF AQ-12 and PDF AQ-13 requires future tenants/facility operators to attend CARB training for record keeping and ensuring vehicles comply with CARB regulations and are in good condition. PDF AQ-14 requires site enforcement staff to be certified in diesel health effects and technologies by attending CARB training and PDF AQ-15 requires compliance with all current air quality regulations for on-road trucks. PDF AQ-16 and PDF AQ-17 requires charging infrastructure and conduit, and PDF AQ-18 requires necessary infrastructure to allow solar photovoltaic systems to be installed in the future. PDF AQ-19 enroll in the EPA's SmartWay program and PDF AQ-20 provide information on CARB's Carl Moyer Voucher Incentive Program to upgrade fleets. PDF AQ-21 requires signage for truck routes and PDF AQ-22 requires check-in points to be located inside the

¹² California Air Pollution Control Officers Association, *Quantifying Greenhouse Gas Mitigation Measures*, August 2010.

facility to ensure truck queues do not occur outside of the facility. It should be noted that these PDFs facilitate compliance with regulations and latest best practices. Emissions benefits from implementation of PDF AQ-1 through PDF AQ-23 are not directly quantifiable and conservatively not quantified; no credit is taken for these measures. Quantifiable reduction measures are incorporated below as mitigation measures, which would be supported by these PDFs.

5 POTENTIAL IMPACTS AND MITIGATION

5.1 Greenhouse Gas Emissions

Threshold 5.1 Would the Project generate GHG emissions, either directly or indirectly, that could have a significant impact on the environment?

Construction Emissions

Project construction would result in direct emissions of CO₂, N₂O, and CH₄ from construction equipment and the transport of materials and construction workers to and from the Project site. The GHG emissions only occur during temporary construction activities and would cease once construction is complete. The total GHG emissions generated during all phases of construction were combined as CO₂e and are shown in [Table 4: Construction-Related Greenhouse Gas Emissions](#).

Construction Phase	MTCO ₂ e
Phase 1a (2023)	14,828
Phase 1b (2024)	10,765
Phase 2 (2025)	11,453
Commercial Phase (2026)	578
<i>Total Construction Emissions</i>	<i>37,624</i>
30-Year Amortized Construction	1,254

Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.

As shown, the Project would result in the generation of approximately 37,624 MTCO₂e over the course of construction. Construction GHG emissions are typically summed and amortized over a 30-year period, then added to the operational emissions¹³. The amortized Project construction emissions would be 1,254 MTCO₂e per year. Once construction is complete, the generation of these GHG emissions would cease.

Operational Greenhouse Gas Emissions

Operational or long-term emissions occur over the life of the Project. GHG emissions would result from direct emissions such as Project generated vehicular traffic, on-site combustion of natural gas, and operation of any landscaping equipment. Operational GHG emissions would also result from indirect sources, such as off-site generation of electrical power, the energy required to convey water to, and wastewater from the Project, the emissions associated with solid waste generated from the Project, and any fugitive refrigerants from air conditioning or refrigerators.

As noted above in Section 4.3, several PDFs and standard conditions of approval applicable to the Project would help to reduce GHG emissions. In addition, prior to issuance of a building permit, San Bernardino

¹³ The project lifetime is based on the standard 30-year assumption of the South Coast Air Quality Management District (South Coast Air Quality Management District, *Minutes for the GHG CEQA Significance Threshold Stakeholder Working Group #13*, August 26, 2009).

County would review and verify that the Project plans demonstrate compliance with the current version of the Building and Energy Efficiency Standards. The Project would also be required to adhere to the provisions of CALGreen, which establishes planning and design standards for sustainable site development, and energy efficiency. Construction activities would be required to monitor air quality emissions using applicable regulatory guidance such as the SCAQMD Rules. GHG emissions associated with the Project are summarized in [Table 5: Project Greenhouse Gas Emissions](#).

Table 5: Project Greenhouse Gas Emissions					
Emissions Source	MTCO₂e per Year				
	Phase 1a	Phase 1b	Phase 2	Commercial	Total
Unmitigated					
Construction Amortized Over 30 Years	494	359	382	19	1,254
Area Sources	0.09	0.05	0.04	0.01	0.19
Energy ¹	2,753	2,051	2,856	499	8,158
Mobile - Passenger Cars	9,458	7,406	2,371	6,355	25,590
Mobile - Trucks	78,081	56,615	20,370	N/A	155,067
Mobile - Vans	4,657	3,565	N/A	N/A	8,222
Off-Road - Forklifts	2,602	1,569	1,280	N/A	5,451
Off-Road - Yard Trucks	1,885	1,200	1,028	N/A	4,113
Backup Generators	133	39	286	N/A	458
Transport Refrigeration Units	1,218	727	975	N/A	2,920
Waste	1,488	898	734	138	3,259
Water and Wastewater ³	2,475	1,468	1,179	81	5,203
Unmitigated Total	105,244	75,898	31,462	7,092	219,696
Mitigated					
Construction Amortized Over 30 Years	494	359	382	19	1,254
Area Sources	0.05	0.03	0.02	0.01	0.10
Energy ¹	2,296	1,772	2,614	358	7,040
Mobile - Passenger Cars	9,349	7,321	2,344	6,286	25,300
Mobile - Trucks	78,081	56,615	20,370	N/A	155,067
Mobile - Vans	4,603	3,524	N/A	N/A	8,127
Off-Road - Forklifts	573	336	266	N/A	1,175
Off-Road - Yard Trucks	470	291	242	N/A	1,003
Backup Generators	133	39	286	N/A	458
Transport Refrigeration Units	1,218	727	975	N/A	2,920
Waste	372	225	184	35	815
Water and Wastewater ³	1,981	1,175	944	68	4,168
Mitigated Total	99,571	72,385	28,607	6,765	207,327
<ol style="list-style-type: none"> Mitigation Measure GHG-2 requires the installation of photovoltaic solar panels to offset energy emissions. Mitigation Measure GHG-3 requires the buildings to meet or exceed CalGreen Tier 2 standards. Mitigation Measure AQ-3 (refer to the Projects Air Quality Assessment) requires implementation of a TDM program. Energy savings from water conservation resulting from the Green Building Code Standards for indoor water use and the County's Water Efficient Landscape Ordinance for outdoor water use are not included in CalEEMod. These are regulatory measures have been incorporated into the CalEEMod mitigation module. 					
Source: CalEEMod version 2020.4.0. Refer to Appendix A for model outputs.					

Table 5 shows that the Project's unmitigated emissions would be approximately 219,696 MTCO_{2e} annually from operations with amortized construction. Project-related GHG emissions would exceed the County's 3,000 MTCO_{2e} per year review standard. It should be noted that the majority of the unmitigated GHG emissions (86 percent) are associated with non-construction related mobile sources. Emissions of motor vehicles are controlled by State and Federal standards, and the Project has no control over these standards.

The Project includes numerous PDFs that would minimize emissions as described above. Additionally, Standard Conditions (SC) GHG-1 through SC GHG-9 would provide designated parking to promote the use of alternative fuels and clean fleets, facilitate future installation of electric vehicle supply equipment, and limit idling times.

Furthermore, the Project's Air Quality Assessment includes numerous mitigation measures that would also reduce GHG emissions. For example, Mitigation Measure (**MM**) **AQ-3** through **MM AQ-10** have been identified to reduce operational emissions. **MM AQ-3** requires the implementation of a Transportation Demand Management (TDM) program to reduce single occupant vehicle trips and encourage transit. **MM AQ-4** requires the buildings to be designed to accommodate electric vehicle (EV) infrastructure, **MM AQ-5** requires tenant installation of conduit at select loading bays, and **MM AQ-6** prohibits idling when engines are not in use. Given the state's clean truck rules and regulations aiming to accelerate the utilization and market penetration of ZE and NZE trucks, **MM AQ-7** requires energy efficient vendor trucks, **MM AQ-8** requires EV charging stations and carpool parking, and **MM AQ-9** requires electric outdoor cargo handling equipment (i.e., forklifts and yard trucks). **MM AQ-10** requires compliance with SCAQMD's Warehouse Indirect Source Rule (Rule 2305). It should be noted that as the nature, timing, and extent of the incorporation of ZE and NZE vehicles cannot be determined at this time, conservatively no emissions reduction credits from **MM AQ-7** through **MM AQ-10** are applied.

In addition, the Project would be required to comply with SCAQMD Rule 2305 which would directly reduce emissions or to otherwise facilitate emissions reductions. Alternatively, warehouse operators can choose to pay a mitigation fee. Funds from the mitigation fee will be used to incentivize the purchase of cleaner trucks and charging/fueling infrastructure in communities nearby. Although Rule 2305 focuses on air quality pollutant emissions, the rule would facilitate cleaner vehicles and supporting infrastructure that would also result in GHG benefits.

Warehouse owners and operators are required to earn Warehouse Actions and Investments to Reduce Emissions (WAIRE) Points each year. WAIRE points are a menu-based system earned by emission reduction measures. Warehouse operators are required to submit an annual WAIRE Report which includes truck trip data and emission reduction measures. WAIRE points can be earned by completing actions from a menu that can include acquiring and using natural gas, Near-Zero Emissions and/or Zero-Emissions on-road trucks, zero-emission cargo handling equipment, solar panels or zero-emission charging and fueling infrastructure, or other options.

A preliminary WAIRE calculation has been conducted for the proposed Project. The Project would include rooftop solar (refer to **MM GHG-2**) and 24 zero emission yard trucks that would operate for approximately 12 hours per day, 365 days per year. Based on the SCAQMD WAIRE User Calculator the Project would have

a Warehouse Points Compliance Obligation (WPCO) of 13,510 and would earn 41,999 points. As a result, the Project more than fulfill its WPCO and would bank 28,489 points.¹⁴

The County uses a review standard of 3,000 MTCO₂e per year to identify projects that require the use of the Screening Tables. The County's GHG Development Review Process specifies a two-step approach in quantifying GHG emissions. First, a screening threshold of 3,000 MTCO₂e/year is used to determine if additional analysis is required. Projects that exceed the 3,000 MTCO₂e/year are required to either achieve a minimum 100 points per the Screening Tables or a 31 percent reduction over 2007 emissions levels.

According to the County's 2021 GHG Emissions Reduction Plan Update, any project that adopts at least 100 points of GHG performance standards listed in the proposed 2021 Screening Tables, would be consistent with the County's GHG Emissions Reduction Plan to reduce emissions to 40 percent below 2007 levels. Meeting this reduction would be consistent with the State's long-term goal to achieve statewide carbon neutrality (zero net emissions) by 2045, and therefore, would result in a less than significant impact related to GHG emissions.

Table 6: San Bernardino County GHG Reduction Measures Screening Table shows that each building would potentially earn 104 points on the County's GHG Screening Tables, which would exceed the minimum 100 points required to be consistent with the County's GHG Emissions Reduction Plan. Mitigation Measure **(MM) GHG-1** has been included to ensure application of the GHG reduction measures. Additionally, as stipulated by **MM GHG-1**, individual projects can utilize different measures than those chosen in Table 6 as long as the total of the measures utilized meet 100 points.

Additionally, **MM GHG-2** requires the Project to offset energy demand with solar PV infrastructure, **MM GHG-3** requires the Project to meet or exceed CALGreen Tier 2 standards (which exceeds code requirements), **MM GHG-4** requires the project to divert at least 75 percent of solid waste from landfills, and **MM GHG-5** requires handheld landscape equipment to be 100 percent electric. Note that credit for solar PV was conservatively not taken in Table 6 as these renewable energy systems may be installed subsequent to occupancy permit issuance.

The project would achieve more than 100 points from the County's GHG Reduction Plan Screening tables and would not conflict with the County's GHG Reduction Plan. However, due to the size of the Project, the magnitude of the Project's emissions could be considered significant. Additionally, 86 percent of the total emissions are from mobile sources. Mitigation measures would be required to reduce emissions to the maximum extent feasible; however, emissions of motor vehicles are controlled by State and Federal standards and the Project has no control over these standards. CARB is addressing emissions from heavy duty vehicles through various regulatory programs including lower emission standards, restrictions on idling, the use of post-combustion filter and catalyst equipment, and retrofits for diesel truck fleets. Additionally, as described above, the SCAQMD is addressing mobile source emissions through the implementation of the Warehouse Indirect Source Rule (Rule 2305), which would reduce the Projects emissions. Nonetheless, impacts related to GHG emissions are conservatively considered significant and unavoidable despite the implementation of all feasible mitigation.

¹⁴ Note that this calculation is preliminary and provided for informational purposes. The WAIRE Points Compliance Obligation is determined by the actual number of truck trips to the facility based on logs of truck trips submitted on January 1 after the first year of operation. The trip rates that SCAQMD uses in the WAIRE User Calculator would be slightly different than what is used in the Project's Traffic Study.

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
Reduction Measure Energy: Exceed Energy Efficiency Standards in New Commercial Units			
Building Envelope			
Insulation	<ul style="list-style-type: none"> 2019 Title 24 Requirements (walls R-8, roof/attic R-30) Modestly Enhanced Insulation (walls R-15, roof/attic R-38) Enhanced Insulation (rigid wall insulation R-13, roof/attic R-38) Greatly Enhanced Insulation (spray foam wall insulated walls R-18 or higher, roof/attic R-38 or higher) 	0 points 9 points 11 points 12 points	11
Windows	<ul style="list-style-type: none"> 2019 Title 24 Windows (0.57 U-factor, 0.4 SHGC) Modestly Enhanced Window Insulation (0.4 U-factor, 0.32 SHGC) Enhanced Window Insulation (0.32 U-factor, 0.25 SHGC) Greatly Enhanced Window Insulation (0.28 or less U-factor, 0.22 or less SHGC) 	0 points 4 points 5 points 7 points	4
Cool Roofs	<ul style="list-style-type: none"> Enhanced Cool Roof (CRRC Rated 0.2 aged solar reflectance, 0.75 thermal emittance) Greatly Enhanced Cool Roof (CRRC Rated 0.35 aged solar reflectance, 0.75 thermal emittance) 	8 points 10 points	8
Air Filtration	<p>Minimizing leaks in the building envelope is as important as the insulation properties of the building. Insulation does not work effectively if there is excess air leakage.</p> <ul style="list-style-type: none"> Air barrier applied to exterior walls, caulking, and visual inspection such as the HERS Verified Quality Insulation Installation (QII or equivalent) Blower Door HERS Verified Envelope Leakage or equivalent 	7 points 6 points	7
Thermal Storage of Building	<p>Thermal storage is a design characteristic that helps keep a constant temperature in the building. Common thermal storage devices include strategically placed water filled columns, water storage tanks, and thick masonry walls.</p> <ul style="list-style-type: none"> Modest Thermal Mass (10% of floor or 10% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) Enhanced Thermal Mass (20% of floor or 20% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) Enhanced Thermal Mass (80% of floor or 80% of walls 12" or more thick exposed concrete or masonry with no permanently installed floor covering such as carpet, linoleum, wood, or other insulating materials) 	2 points 4 points 14 points	2
Indoor Space Efficiencies			
Heating/ Cooling Distribution System	<ul style="list-style-type: none"> Modest Duct insulation (R-6 required) Enhanced Duct Insulation (R-8) Distribution loss reduction with inspection (HERS Verified Duct Leakage or equivalent) 	0 points 6 points 8 points	6
Space Heating/ Cooling Equipment	<ul style="list-style-type: none"> 2019 Title 24 Minimum HVAC Efficiency (SEER 13/75% AFUE or 7.7 HSPF) Improved Efficiency HVAC (SEER 14/78% AFUE or 8 HSPF) High Efficiency HVAC (SEER 15/80% AFUE or 8.5 HSPF) 	0 points 4 points 5 points	5

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
	<ul style="list-style-type: none"> Very High Efficiency HVAC (SEER 16/82% AFUE or 9 HSPF) 	7 points	
Commercial Heat Recovery Systems	Heat recovery strategies employed with commercial laundry, cooking equipment, and other commercial heat sources for reuse in HVAC air intake or other appropriate heat recovery technology. Point values for these types of systems will be determined based upon design and engineering data documenting the energy savings.	TBD	N/A
Water Heaters	<ul style="list-style-type: none"> 2019 Title 24 Minimum Efficiency (0.57 Energy Factor) Improved Efficiency Water Heater (0.675 Energy Factor) High Efficiency Water Heater (0.72 Energy Factor) Very High Efficiency Water Heater (0.92 Energy Factor) Solar Pre-heat System (0.2 Net Solar Fraction) Enhanced Solar Pre-heat System (0.35 Net Solar Fraction) 	0 points 8 points 10 points 11 points 2 points 5 points	10
Daylighting	Daylighting is the ability of each room within the building to provide outside light during the day reducing the need for artificial lighting during daylight hours. <ul style="list-style-type: none"> All peripheral rooms within building have at least one window or skylight All rooms within building have daylight (through use of windows, solar tubes, skylights, etc.) All rooms daylighted 	0 points 1 point 1 point	1
Artificial Lighting	<ul style="list-style-type: none"> Efficient Lights (25% of in-unit fixtures considered high efficiency. High efficiency is defined as 40 lumens/watt for 15 watt or less fixtures; 50 lumens/watt for 15-40 watt fixtures, 60 lumens/watt for fixtures >40 watt) High Efficiency Lights (50% of in-unit fixtures are high efficiency) Very High Efficiency Lights (100% of in-unit fixtures are high efficiency) 	5 points 7 points 8 points	5
Appliances	<ul style="list-style-type: none"> Energy Star Commercial Refrigerator (new) Energy Star Commercial Dishwasher (new) Energy Star Commercial Clothes Washer (new) 	2 points 2 points 2 points	0
Miscellaneous Commercial Building Efficiencies			
Building Placement	North/south alignment of building or other building placement such that the orientation of the buildings optimizes conditions for natural heating, cooling, and lighting.	4 points	4
Shading	At least 90% of south-facing glazing will be shaded by vegetation or overhangs at noon on June 21st.	6 points	6
Other	This allows innovation by the applicant to provide design features that increase the energy efficiency of the project not provided in the table. Note that engineering data will be required documenting the energy efficiency of innovative designs and point values given based upon the proven efficiency beyond Title 24 Energy Efficiency Standards.	TBD	0
Existing Commercial Buildings Retrofits	The applicant may wish to provide energy efficiency retrofit projects to existing commercial buildings to further the point value of their project. Retrofitting existing commercial buildings within the County is a key reduction measure that is needed to reach the reduction goal. The potential for an applicant to take advantage of this program will be decided on a case-by-case basis and shall have the approval from the County of San Bernardino Planning Department. The decision to allow	TBD	0

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
	applicants to participate in this program will be evaluated based upon, but not limited to the following: <ul style="list-style-type: none"> • Will the energy efficiency retrofit project benefit low income or disadvantaged communities? • Does the energy efficiency retrofit project provide co-benefits important to the County? • Point value will be determined based upon engineering and design criteria of the energy efficiency retrofit project. 		
Reduction Measure Energy-3: All Electric Buildings			
All-Electric Buildings	All electric buildings reduce GHG emissions, as the grid electricity they use is generated using less carbon over time. Grid electricity in California will be 60 percent renewable energy by 2030 and 100 percent renewable energy by 2040.	15 points	0
Reduction Measure Energy-7: Clean Energy			
Commercial/Industrial Renewable Energy Generation			
Photovoltaic	Solar Photovoltaic panels installed on commercial buildings or in collective arrangements within a commercial development such that the total power provided augments: <ul style="list-style-type: none"> • 30 percent of the power needs of the project • 40 percent of the power needs of the project • 50 percent of the power needs of the project • 60 percent of the power needs of the project • 70 percent of the power needs of the project • 80 percent of the power needs of the project • 90 percent of the power needs of the project • 100 percent of the power needs of the project 	8 points 12 points 16 points 19 points 23 points 26 points 30 points 34 points	0
Wind Turbines	Some areas of the County lend themselves to wind turbine applications. Analysis of the areas capability to support wind turbines should be evaluated prior to choosing this feature. Wind turbines as part of the commercial development such that the total power provided augments: <ul style="list-style-type: none"> • 30 percent of the power needs of the project • 40 percent of the power needs of the project • 50 percent of the power needs of the project • 60 percent of the power needs of the project • 70 percent of the power needs of the project • 80 percent of the power needs of the project • 90 percent of the power needs of the project • 100 percent of the power needs of the project 	8 points 12 points 16 points 19 points 23 points 26 points 30 points 34 points	0
Off-site Renewable Energy Project	The applicant may submit a proposal to supply an off-site renewable energy project such as renewable energy retrofits of existing residential or existing commercial/industrial. These off-site renewable energy retrofit project proposals will be determined on a case-by-case basis accompanied by a detailed plan documenting the quantity of renewable energy the proposal will generate. Point values will be based upon the energy generated by the proposal.	TBD	0
Other Renewable Energy Generation	The applicant may have innovative designs or unique site circumstances (such as geothermal) that allow the project to generate electricity from renewable energy not provided in the table. The ability to supply other	TBD	0

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
	renewable energy and the point values allowed would be decided based upon engineering data documenting the ability to generate electricity.		
Reduction Measure Water 1-3: Exceed Water Efficiency Standards			
Commercial Irrigation and Landscaping			
Water Efficient Landscaping	<ul style="list-style-type: none"> Eliminate conventional turf from landscaping Only moderate water using plants Only low water using plants Only California Native landscape that requires no or only supplemental irrigation 	0 point 2 points 3 points 5 points	3
Water Efficient Irrigation Systems	<ul style="list-style-type: none"> Low precipitation spray heads < 0.75"/hr or drip irrigation Weather based irrigation control systems combined with drip irrigation (demonstrate 20% reduced water use) 	1 point 3 points	3
Storm Water Reuse Systems	Innovative on-site storm water collection, filtration, and reuse systems are being developed that provide supplemental irrigation water and provide vector control. These systems can greatly reduce the irrigation needs of a project. Point values for these types of systems will be determined based upon design and engineering data documenting the water savings.	TBD	0
Commercial Potable Water			
Showers	Water Efficient Showerheads (2.0 gpm)	2 points	0
Toilets	<ul style="list-style-type: none"> Water Efficient Toilets/Urinals (1.5 gpm) Waterless Urinals (note that commercial buildings having both waterless urinals and high efficiency toilets will have a combined point value of 6 points) 	3 points 3 points	3
Faucets	Water Efficient faucets (1.28 gpm)	2 points	2
Commercial Dishwashers	Water Efficient dishwashers (20% water savings)	2 points	0
Commercial Laundry Washers	<ul style="list-style-type: none"> Water Efficient laundry (15% water savings) High Efficiency laundry equipment that captures and reuses rinse water (30% water savings) 	2 points 4 points	0
Commercial Water Operations Program	Establish an operational program to reduce water loss from pools, water features, etc., by covering pools, adjusting fountain operational hours, and using water treatment to reduce draw down and replacement of water. Point values for these types of plans will be determined based upon design and engineering data documenting the water savings.	TBD	0
Increase Commercial/Industrial Reclaimed Water Use			
Recycled Water	Graywater (purple pipe) irrigation system on site	5 points	0
Reduction Measure On Road: Alternative Transportation Options			
Mixed-Use Development			
Mixed-Use	Mixes of land uses that complement one another in a way that reduces the need for vehicle trips can greatly reduce GHG emissions. The point value of mixed-use projects will be determined based upon traffic	TBD	0

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
	studies that demonstrate trip reductions and/or reductions in vehicle miles traveled.		
Local Retail Near Residential (Commercial only Projects)	Having residential developments within walking and biking distance of local retail helps to reduce vehicle trips and/or vehicle miles traveled. The point value of residential projects in close proximity to local retail will be determined based upon traffic studies that demonstrate trip reductions and/or reductions in vehicle miles traveled.	TBD	0
Preferential Parking			
Parking	<ul style="list-style-type: none"> • Provide reserved preferential parking spaces for car-share, carpool, and ultra-low or zero emission vehicles. • Provide larger parking spaces that can accommodate vans used for ride-sharing programs and reserve them for vanpools and include adequate passenger waiting/loading areas. 	<p>1 point</p> <p>1 point</p>	<p>1</p> <p>1</p>
Signal Synchronization and Intelligent Traffic Systems			
Signal Improvements	<p>Techniques for improving traffic flow include: traffic signal coordination to reduce delay, incident management to increase response time to breakdowns and collisions, Intelligent Transportation Systems (ITS) to provide real-time information regarding road conditions and directions, and speed management to reduce high free-flow speeds.</p> <ul style="list-style-type: none"> • Synchronize signals along arterials used by project. • Connect signals along arterials to existing ITS. 	<p>1 point/signal</p> <p>3 points/signal</p>	0
Increase Public Transit			
Public Transit	<p>The point value of a project's ability to increase public transit use will be determined based upon a Transportation Impact Analysis (TIA) demonstrating decreased use of private vehicles and increased use of public transportation.</p> <ul style="list-style-type: none"> • Increased transit accessibility (1–15 points) 	TBD	0
Reduction Measure: Install Electric Vehicle Chargers			
Worker and Customer Based Electric Vehicle Chargers	<p>Installation of Electric Vehicle (EV) Chargers for passenger EVs:</p> <ul style="list-style-type: none"> • Level 2 240 volt AC Fast Chargers • Level 3 480 volt DC Rapid Chargers 	<p>5 points/charger</p> <p>8 points/charger</p>	10
Electric Commercial Truck Chargers	<p>Installation of electric chargers for medium duty and heavy duty trucks:</p> <ul style="list-style-type: none"> • Level 1 AC Chargers for EV Medium Duty Trucks • Level 1 AC Chargers for EV Class 8 (Heavy Duty) Trucks • Level 2 AC Chargers for EV Medium Duty Trucks • Level 2 AC Chargers for EV Class 8 (Heavy Duty) Trucks • Level 3 DC Fast Chargers for EV Class 8 (Heavy Duty) Trucks 	<p>3 points/charger</p> <p>5 points/charger</p> <p>8 points/charger</p> <p>12 points/charger</p> <p>16 points/charger</p>	0
Reduction Measure: Adopt and Implement a Bicycle Master Plan to Expand Bike Routes around the County			
Sidewalks	<ul style="list-style-type: none"> • Provide sidewalks on both sides of the street (required) • Provide pedestrian linkage between commercial and residential land uses within 1 mile 	<p>0 points</p> <p>3 points</p>	0
Bicycle Paths	<ul style="list-style-type: none"> • Provide bicycle paths within project boundaries • Provide bicycle path linkages between commercial and other land uses • Provide bicycle path linkages between commercial and transit 	<p>1 point</p> <p>2 points</p> <p>5 points</p>	1

Table 6: San Bernardino County GHG Reduction Measures Screening Table			
Feature	Description	Assigned Point Values	Project Points
Reduction Measure: Reduce Waste to Landfills			
Recycling	County initiated recycling program diverting 80% of waste requires coordination with commercial development to realize this goal. The following recycling features will help the County fulfill this goal:		
	<ul style="list-style-type: none"> • Provide separated recycling bins within each commercial building/floor and provide large external recycling collection bins at central location for collection truck pick-up 	2 points	2
	<ul style="list-style-type: none"> • Provide commercial/industrial recycling programs that fulfill an on-site goal of 80% diversion of solid waste • Recycle construction waste 	5 points 4 points	5 4
Other GHG Reduction Feature Implementation			
Other GHG Emissions Reduction Features	This allows innovation by the applicant to provide commercial design features that the GHG emissions from construction and/or operation of the project not provided in the table. Note that engineering data will be required documenting the GHG reduction amount and point values given based upon emission reductions calculations using approved models, methods, and protocols.	TBD	0
Total Points Earned by Project:			104

Standard Conditions and Requirements:

Standard Conditions are existing requirements and standard conditions that are based on local, state, or federal regulations or laws that are frequently required independently of CEQA review. Typical standard conditions and requirements include compliance with the provisions of the Building Code, SCAQMD Rules, etc. The City may impose additional conditions during the approval process, as appropriate. Because Standard Conditions are neither Project specific nor a result of development of the Project, they are not considered to be either PDFs or Mitigation Measures.

SC GHG-1 Require diesel-powered construction equipment to turn off when not in use per Title 13 of the California Code of Regulations, Section 2449.

SC GHG-2 In accordance with California Title 24 Standards, buildings will be designed to have 15 percent of the roof area “solar ready” that will structurally accommodate later installation of rooftop solar panels. If future building operators pursue providing rooftop solar panels, they will submit plans for solar panels prior to occupancy.

SC GHG-3 Install water-efficient irrigation systems and devices, such as soil moisture-based irrigation controls and sensors for landscaping according to the County’s Water Efficient Landscape Requirements (Chapter 22, Section 63.2201 of the County’s Code).

SC GHG-4 Design buildings to be water-efficient. Install water-efficient fixtures in accordance with Section 5.303 of the California Green Building Standards Code Part 11.

- SC GHG-5** Recycle and/or salvage for reuse a minimum of 65 percent of the nonhazardous construction and demolition waste in accordance with Section 5.408.1 of the California Green Building Standards Code Part 11.
- SC GHG-6** Provide storage areas for recyclables and green waste and adequate recycling containers located in readily accessible areas in accordance with Section 5.410.1 of the California Green Building Standards Code Part 11.
- SC GHG-7** Provide designated parking for any combination of low-emitting, fuel efficient and carpool/van pool vehicles. At least eight percent of the total parking spaces are required to be designated in accordance with Section 5.106.5.2, Designated Parking for Clean Air Vehicles, of the California Green Building Standards Code Part 11.
- SC GHG-8** Provide at least six percent of the total parking spaces to facilitate future installation of electric vehicle supply equipment in accordance with Section 5.106.5.3.2, Multiple Charging Space Requirements, of the California Green Building Standards Code Part 11.
- SC GHG-9** Limit idling time for commercial vehicles to no more than five minutes per Title 13 of the California Code of Regulations, Section 2485.

Mitigation Measures: Refer to MM AQ-1 through MM AQ-10 in the Air Quality Assessment. The following additional mitigation is also required.

- MM GHG-1** Project development proposals with building permit applications for tenant improvements shall implement Screening Table Measures that demonstrate that each building achieve at least 100 points per the Screening Tables. The County shall verify that Screening Table Measures achieving the 100-point performance standard are incorporated in development plans prior to the issuance of building permit(s) and/or site plans (as applicable). The County shall verify implementation of the selected Screening Table Measures prior to the issuance of Certificate(s) of Occupancy. At the discretion of the County, measures that provide GHG reductions equivalent to GHG emissions reductions achieved via the Screening Table Measures may be implemented. Multiple development proposals may, at the discretion of the County, be allowed to collectively demonstrate achievement of at least 100 points per the Screening Tables. This mitigation measure applies only to tenant permits and not the building shell approvals.
- MM GHG-2** As part of the building permit for tenant improvements, the project shall install solar photovoltaic (PV) panels or other source of renewable energy generation on-site, or otherwise acquire energy from the local utility that has been generated by renewable sources, that would provide at least 50 percent of the expected total building load. On-site solar PV or other clean energy systems shall be installed within two years of commencing operations. Each building shall include an electrical system and other infrastructure sufficiently sized to accommodate the PV arrays. The electrical system and infrastructure must be clearly labeled with noticeable and permanent signage. This mitigation measure applies only to tenant permits and not the building shell approvals.

- MM GHG-3** Prior to the issuance of a building permit for tenant improvements, the tenant or successor in interest shall provide documentation to the San Bernardino County demonstrating that the Project is designed to achieve Leadership in Energy and Environmental Design (LEED) standards or meet or exceed CALGreen Tier 2 standards in effect at the time of building permit application. This mitigation measure applies only to tenant permits and not the building shell approvals.
- MM GHG-4** The development shall divert a minimum of 75 percent of landfill waste. Prior to issuance of certificate of tenant occupancy permits, a recyclables collection and load area shall be constructed in compliance with County standards for Recyclable Collection and Loading Areas. This mitigation measure applies only to tenant permits and not the building shell approvals.
- MM GHG-5** Prior to the issuance of tenant occupancy permits, the Planning Department shall confirm that tenant lease agreements include contractual language that all handheld landscaping equipment used onsite shall be 100 percent electrically powered. This mitigation measure applies only to tenant permits and not the building shell approvals.

Level of Significance: Significant and unavoidable impact. No additional feasible mitigation measures are available that can reduce impacts to less than significant. As explained above, the Project incorporates all feasible mitigation measures that could be implemented to further reduce the Project's GHG emissions. There are no additional measures available that would further reduce emissions because the majority of the Project's emissions come from mobile sources which are regulated by the State and not the County of San Bernardino.

5.2 Greenhouse Gas Reduction Plan Compliance

Threshold 5.2 Would the Project conflict with an applicable plan, policy, or regulation of an agency adopted for the purpose of reducing GHG emissions?

County of San Bernardino Greenhouse Gas Reduction Plan Update

As discussed above, the County's GHG Reduction Plan includes a review standard of 3,000 MTCO₂e per year to identify projects that require the use of Screening Tables or a project-specific technical analysis to quantify and mitigate project emissions. The purpose of the Screening Tables is to provide guidance in measuring the reduction of GHG emissions attributable to certain design and construction measures incorporated into development projects. As noted above, projects that exceed 3,000 MTCO₂e/year of GHG emissions, the applicant may choose to either utilize the Screening Tables. Table 6 shows that each building within the proposed Project would earn 104 points on the County's GHG Screening Tables, which would exceed 100 points. Therefore, the Project would be consistent with the County's GHG emissions reduction plan.

The GHG Reduction Plan Update as discussed in Section 3.7.1 GHG Performance Standards for New Development states "This determination of consistency can be used in a CEQA climate change analysis of the development, with provides a legally defensible and streamlined CEQA process for the project." As such the additional discussion provided for RTP and CARB Scoping Plan is provided optionally and further demonstrates the project consistency with applicable plan, policy, or regulation of an agency adopted for the purpose of reducing GHG emissions.

Regional Transportation Plan/Sustainable Communities Strategy Consistency

On September 3, 2020, SCAG’s Regional Council adopted Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy [2020 RTP/SCS]). The RTP/SCS is a long-range visioning plan that balances future mobility and housing needs with economic, environmental, and public health goals. The RTP/SCS embodies a collective vision for the region’s future and is developed with input from local governments, county transportation commissions, tribal governments, nonprofit organizations, businesses, and local stakeholders in the counties of Imperial, Los Angeles, Orange, Riverside, San Bernardino, and Ventura. SCAG’s RTP/SCS establishes GHG emissions goals for automobiles and light-duty trucks for 2020 and 2035 as well as an overall GHG target for the Project region consistent with both the target date of AB 32 and the post-2020 GHG reduction goals of Executive Orders 5-03-05 and B-30-15.

The RTP/SCS contains over 4,000 transportation projects, ranging from highway improvements, railroad grade separations, bicycle lanes, new transit hubs and replacement bridges. These future investments were included in county plans developed by the six county transportation commissions and seek to reduce traffic bottlenecks, improve the efficiency of the region’s network, and expand mobility choices for everyone. The RTP/SCS is an important planning document for the region, allowing project sponsors to qualify for federal funding.

The plan accounts for operations and maintenance costs to ensure reliability, longevity, and cost effectiveness. The RTP/SCS is also supported by a combination of transportation and land use strategies that help the region achieve state GHG emissions reduction goals and Federal Clean Air Act (CAA) requirements, preserve open space areas, improve public health and roadway safety, support our vital goods movement industry, and utilize resources more efficiently. GHG emissions resulting from development-related mobile sources are the most potent source of emissions, and therefore Project comparison to the RTP/SCS is an appropriate indicator of whether the Project would inhibit the post-2020 GHG reduction goals promulgated by the state. The Project’s consistency with the RTP/SCS goals is analyzed in detail in [Table 7: Regional Transportation Plan/Sustainable Communities Strategy Consistency](#).

SCAG Goals	Compliance
GOAL 1: Encourage regional economic prosperity and global competitiveness.	N/A: This is not a project-specific policy and is therefore not applicable. However, the Project is located on a vacant site and development of the site would contribute to regional economic prosperity.
GOAL 2: Improve mobility, accessibility, reliability, and travel safety for people and goods.	Consistent: Although this Project is not a transportation improvement project, the Project is located near existing transit routes such as Omnitrans Route 61 along San Bernardino Avenue and Route 66 along Foothill Boulevard.
GOAL 3: Enhance the preservation, security, and resilience of the regional transportation system.	N/A: This is not a transportation improvement project and is therefore not applicable.
GOAL 4: Increase person and goods movement and travel choices within the transportation system.	N/A: This is not a transportation improvement project and is therefore not applicable. However, the Project includes warehouses and related uses that would support goods movement.

Table 7: Regional Transportation Plan/Sustainable Communities Strategy Consistency	
SCAG Goals	Compliance
GOAL 5: Reduce greenhouse gas emissions and improve air quality.	Consistent: The Project is located within an industrial area in proximity to existing truck routes and freeways. The project is surrounded by existing industrial development. Location of the project within a developed area would reduce trip lengths, which would reduce GHG and air quality emissions.
GOAL 6: Support healthy and equitable communities	Consistent: The Project is located in an industrial area that is away sensitive receptors. Although the Project exceeds regional thresholds for criteria pollutants, the Project does not exceed localized thresholds. Based on the Friant Ranch decision, projects that do not exceed the SCAQMD's LSTs would not violate any air quality standards or contribute substantially to an existing or projected air quality violation and result in no criteria pollutant health impacts.
GOAL 7: Adapt to a changing climate and support an integrated regional development pattern and transportation network.	N/A: This is not a project-specific policy and is therefore not applicable.
GOAL 8: Leverage new transportation technologies and data-driven solutions that result in more efficient travel.	N/A: This is not a project-specific policy and is therefore not applicable.
GOAL 9: Encourage development of diverse housing types in areas that are supported by multiple transportation options.	N/A: The Project involves development of warehouses and related uses and does not include housing.
GOAL 10: Promote conservation of natural and agricultural lands and restoration of habitats.	N/A: This Project is located on previously disturbed/developed land and is not located on agricultural lands.
Source: Southern California Association of Governments, <i>Connect SoCal (2020 - 2045 Regional Transportation Plan/Sustainable Communities Strategy, 2020</i> .	

The goals stated in the RTP/SCS were used to determine consistency with the planning efforts previously stated. As shown in [Table 6](#), the Project would be consistent with the stated goals of the RTP/SCS. Therefore, the Project would not result in any significant impacts or interfere with SCAG's ability to achieve the region's post-2020 mobile source GHG reduction targets.

California Air Resource Board Scoping Plan Consistency

The California State Legislature adopted Assembly Bill (AB) 32 in 2006. AB 32 focuses on reducing GHGs (CO₂, CH₄, N₂O, HFCs, PFCs, and SF₆) to 1990 levels by the year 2020. Pursuant to the requirements in AB 32, CARB adopted the *Climate Change Scoping Plan* (Scoping Plan) in 2008, which outlines actions recommended to obtain that goal. The Scoping Plan provides a range of GHG reduction actions that include direct regulations, alternative compliance mechanisms, monetary and non-monetary incentives, voluntary actions, market-based mechanisms such as the cap-and-trade program, and an AB 32 implementation fee to fund the program.

The 2017 Scoping Plan Update identifies additional GHG reduction measures necessary to achieve the 2030 target. These measures build upon those identified in the first update to the Scoping Plan in 2013.

Although a number of these measures are currently established as policies and measures, some measures have not yet been formally proposed or adopted. It is expected that these actions to reduce GHG emissions will be adopted as required to achieve statewide GHG emissions targets. As shown in [Table 8: Project Consistency with Applicable CARB Scoping Plan Measures](#), the Project is consistent with most of the strategies, while others are not applicable to the Project. As such, impacts related to consistency with the Scoping Plan would be less than significant.

Table 8: Project Consistency with Applicable CARB Scoping Plan Measures			
Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
Transportation	California Cap-and-Trade Program Linked to Western Climate Initiative	Regulation for the California Cap on GHG Emissions and Market-Based Compliance Mechanism October 20, 2015 (CCR 95800)	Consistent. The Cap-and-Trade Program applies to large industrial sources such as power plants, refineries, and cement manufacturers. However, the regulation indirectly affects people who use the products and services produced by these industrial sources when increased cost of products or services (such as electricity and fuel) are transferred to the consumers. The Cap-and-Trade Program covers the GHG emissions associated with electricity consumed in California, generated in-state or imported. Accordingly, GHG emissions associated with CEQA projects' electricity usage are covered by the Cap-and-Trade Program. The Cap-and-Trade Program also covers fuel suppliers (natural gas and propane fuel providers and transportation fuel providers) to address emissions from such fuels and combustion of other fossil fuels not directly covered at large sources in the Program's first compliance period.
	California Light-Duty Vehicle GHG Standards	Pavley I 2005 Regulations to Control GHG Emissions from Motor Vehicles Pavley I 2005 Regulations to Control GHG Emissions from Motor Vehicles	Consistent. This measure applies to all new vehicles starting with model year 2012. The Project would not conflict with its implementation as it would apply to all new passenger vehicles purchased in California. Passenger vehicles, model year 2012 and later, associated with construction and operation of the Project would be required to comply with the Pavley emissions standards.
		2012 LEV III California GHG and Criteria Pollutant Exhaust and Evaporative Emission Standards	Consistent. The LEV III amendments provide reductions from new vehicles sold in California between 2017 and 2025. Passenger vehicles associated with the site would comply with LEV III standards.
	Low Carbon Fuel Standard	2009 readopted in 2015. Regulations to Achieve GHG Emission Reductions Subarticle 7. Low Carbon Fuel Standard CCR 95480	Consistent. This measure applies to transportation fuels utilized by vehicles in California. The Project would not conflict with implementation of this measure. Motor vehicles associated with construction and operation of the Project would utilize low carbon transportation fuels as required under this measure.
	Regional Transportation-Related GHG Targets.	SB 375. Cal. Public Resources Code §§ 21155, 21155.1, 21155.2, 21159.28	Consistent. The Project would provide development in the region that is consistent with the growth projections in the RTP/SCS.
	Goods Movement	Goods Movement Action Plan January 2007	Not applicable. The Project does not propose any changes to maritime, rail, or intermodal facilities or forms of transportation.
	Medium/Heavy-Duty Vehicle	2010 Amendments to the Truck and Bus	Consistent. This measure applies to medium and heavy-duty vehicles that operate in the state. The

Table 8: Project Consistency with Applicable CARB Scoping Plan Measures			
Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
		Regulation, the Drayage Truck Regulation and the Tractor-Trailer GHG Regulation	Project would not conflict with implementation of this measure. Medium and heavy-duty vehicles associated with construction and operation of the Project would be required to comply with the requirements of this regulation.
	High Speed Rail	Funded under SB 862	Not applicable. This is a statewide measure that cannot be implemented by a project applicant or Lead Agency.
Electricity and Natural Gas	Energy Efficiency	Title 20 Appliance Efficiency Regulation	Consistent. The Project would not conflict with implementation of this measure. The Project would comply with the latest energy efficiency standards.
		Title 24 Part 6 Energy Efficiency Standards for Residential and Non-Residential Building	
		Title 24 Part 11 California Green Building Code Standards	
	Renewable Portfolio Standard/Renewable Electricity Standard.	2010 Regulation to Implement the Renewable Electricity Standard (33% 2020)	Consistent. The Project would obtain electricity from the electric utility, Southern California Edison (SCE). SCE obtained 36 percent of its power supply from renewable sources in 2019. Therefore, the utility would provide power when needed on site that is composed of a greater percentage of renewable sources.
Million Solar Roofs Program	SB 350 Clean Energy and Pollution Reduction Act of 2015 (50% 2030)		
Million Solar Roofs Program	Tax Incentive Program	Consistent. This measure is to increase solar throughout California, which is being done by various electricity providers and existing solar programs. The program provides incentives that are in place at the time of construction.	
Water	Water	Title 24 Part 11 California Green Building Code Standards	Consistent. The Project would comply with the CalGreen standards, which requires a 20 percent reduction in indoor water use. The Project would also comply with the City’s Water-Efficient Landscaping Regulations (Chapter 22, Section 63.2201 of the County’s Code).
		SBX 7-7—The Water Conservation Act of 2009	
		Model Water Efficient Landscape Ordinance	
Green Buildings	Green Building Strategy	Title 24 Part 11 California Green Building Code Standards	Consistent. The State is to increase the use of green building practices. The Project would implement required green building strategies through existing regulation that requires the Project to comply with various CalGreen requirements. The Project includes sustainability design features that support the Green Building Strategy.
Industry	Industrial Emissions	2010 CARB Mandatory Reporting Regulation	Not applicable. The Mandatory Reporting Regulation requires facilities and entities with more than 10,000 MTCO ₂ e of combustion and process emissions, all facilities belonging to certain industries, and all electric power entities to submit an annual GHG emissions data report directly to CARB. As shown above, although total Project GHG emissions would exceed

Table 8: Project Consistency with Applicable CARB Scoping Plan Measures

Scoping Plan Sector	Scoping Plan Measure	Implementing Regulations	Project Consistency
			10,000 MTCO _{2e} , the majority of these emissions are from mobile sources. Therefore, this regulation would not apply.
Recycling and Waste Management	Recycling and Waste	Title 24 Part 11 California Green Building Code Standards	Consistent. The Project would not conflict with implementation of these measures. The Project is required to achieve the recycling mandates via compliance with the CALGreen code. The City has consistently achieved its state recycling mandates.
		AB 341 Statewide 75 Percent Diversion Goal	
Forests	Sustainable Forests	Cap and Trade Offset Projects	Not applicable. The Project is in an area designated for urban uses. No forested lands exist on-site.
High Global Warming Potential	High Global Warming Potential Gases	CARB Refrigerant Management Program CCR 95380	Consistent. The regulations are applicable to refrigerants used by large air conditioning systems and large commercial and industrial refrigerators and cold storage system. The Project would not conflict with the refrigerant management regulations adopted by CARB.
Agriculture	Agriculture	Cap and Trade Offset Projects for Livestock and Rice Cultivation	Not applicable. The Project site is designated for urban development. No grazing, feedlot, or other agricultural activities that generate manure occur currently exist on-site or are proposed to be implemented by the Project.

Source: California Air Resources Board, *California's 2017 Climate Change Scoping Plan*, November 2017 and CARB, *Climate Change Scoping Plan*, December 2008.

As seen in [Table 7](#) and [Table 8](#), the Project would be consistent with all applicable plan goals. In addition, the Project would include several sustainable design features that would help reduce GHG emissions. [Table 5](#) shows that with mitigation the Project at buildout with mitigation is estimated to emit approximately 207,327 MTCO_{2e} per year in the opening year directly from on-site activities and indirectly from off-site motor vehicles.

Regarding goals for 2050 under Executive Order S-3-05, at this time it is not possible to quantify the emissions savings from future regulatory measures, as they have not yet been developed; nevertheless, it can be anticipated that operation of the proposed Project would benefit from the implementation of current and potential future regulations (e.g., improvements in vehicle emissions, SB 100/renewable electricity portfolio improvements, CARB's Mobile Source Strategy, etc.) enacted to meet an 80 percent reduction below 1990 levels by 2050.

The majority of the GHG reductions from the Scoping Plan would result from continuation of the Cap-and-Trade regulation. Assembly Bill 398 (2017) extends the state's Cap-and-Trade program through 2030 and the Scoping Plan provide a comprehensive plan for the state to achieve its GHG targets through a variety of regulations enacted at the state level. Additional reductions are achieved from electricity sector standards (i.e., utility providers to supply 60 percent renewable electricity by 2030 and 100 percent renewable by 2045), doubling the energy efficiency savings at end uses, additional reductions from the LCFS, implementing the short-lived GHG strategy (e.g., hydrofluorocarbons), and implementing the Mobile Source Strategy and Sustainable Freight Action Plan.

As noted above, mobile sources comprise approximately 82 percent of the Project's unmitigated GHG emissions and approximately 92 percent of the mitigated emissions. CARB is directly responsible for regulating mobile and transportation source emissions in the State. Regarding mobile sources, California

addresses emissions control technology through a variety of legislation and regulatory schemes, including the state's Low Carbon Fuel Standard (Executive Order S-01-07) (LCFS), a regulatory program designed to encourage the use of cleaner low-carbon transportation fuels in California, encourage the production of those fuels, and therefore, reduce GHG emissions and decrease petroleum dependence in the transportation sector. The regulatory standards are expressed in terms of the "carbon intensity" of gasoline and diesel fuel and their substitutes. Different types of fuels are evaluated to determine their "life cycle emissions" which include the emissions associated with producing, transporting, and using the fuels. Each fuel is then given a carbon intensity score and compared against a declining carbon intensity benchmark for each year. Providers of transportation fuels must demonstrate that the mix of fuels they supply for use in California meets these declining benchmarks for each annual compliance period. In 2018, CARB approved amendments to the LCFS, which strengthened the carbon intensity benchmarks through 2030 to ensure they are in-line with California's 2030 GHG emission reduction target enacted through SB 32. This ensures that the transportation sector is meeting its obligations to achieve California's GHG reduction targets. The state is also implementing legislation and regulations to address the second parameter affecting transportation related GHG emissions by controlling for VMT. Examples of this include SB 375, which links land use and transportation funding and provides one incentive for regions to achieve reductions in VMT, and SB 743, which discourages VMT increases for passenger car trips above a region-specific benchmark. San Bernardino County has no regulatory control over emissions control technology and therefore limited ability to control or mitigate emissions associated with truck emissions associated with this Project.

In addition to the LCFS, the State includes numerous plans and policies that would contribute to a reduction in mobile source emissions from the Project. These include the following:

- **CARB's Advanced Clean Truck Regulation:** Adopted in June 2020, CARB's Advanced Clean Truck Regulation requires truck manufacturers to transition from diesel trucks and vans to electric zero-emission trucks beginning in 2024. By 2045, every new truck sold in California is required to be zero-emission. The Advanced Clean Truck Regulation accelerates the transition of zero-emission medium-and heavy-duty vehicles from Class 2b to Class 8.
- **Executive Order N-79-20:** Executive Order N-79-20 establishes the goal for all new passenger cars and trucks, as well as all drayage/cargo trucks and off-road vehicles and equipment, sold in California, will be zero-emission by 2035 and all medium and heavy-duty vehicles will be zero-emission by 2045. It also directs CARB to develop and propose rulemaking for passenger vehicles and trucks, medium-and heavy-duty fleets where feasible, drayage trucks, and off-road vehicles and equipment "requiring increasing volumes" of new ZEVs "towards the target of 100 percent."
- **CARB's Mobile Source Strategy:** CARB's Mobile Source Strategy takes an integrated planning approach to identify the level of transition to cleaner mobile source technologies needed to achieve all of California's targets by increasing the adoption of ZEV buses and trucks.
- **CARB's Sustainable Freight Action Plan:** The Sustainable Freight Action Plan which improves freight system efficiency, utilizes near-zero emissions technology, and deployment of ZEV trucks. This Plan applies to all trucks accessing the Project site and may include existing trucks or new trucks that are part of the statewide goods movement sector.
- **CARB's Emissions Reduction Plan for Ports and Goods Movement:** CARB's Emissions Reduction Plan for Ports and Goods Movement identifies measures to improve goods movement efficiencies

such as advanced combustion strategies, friction reduction, waste heat recovery, and electrification of accessories.

While these measures are not directly applicable to the Project, any commercial activity associated with goods movement would be required to comply with these measures as adopted. As such, the Project would not interfere with their implementation.

The Project would not obstruct or interfere with efforts to increase ZEVs or state efforts to improve system efficiency. As described above, the Project would be consistent with all applicable plan goals. Compliance with applicable State standards (e.g., continuation of the Cap-and-Trade regulation; CARB's Mobile Source Strategy, Sustainable Freight Action Plan, and Advanced Clean Truck Regulation; Executive Order N-79-20; SB 100/renewable electricity portfolio improvements that require 60 percent renewable electricity by 2030 and 100 percent renewable by 2045, etc.) would ensure consistency with State and regional GHG reduction planning efforts.

As discussed above, extensive PDFs and **MM AQ-3** through **MM AQ-10** as identified in the Project's Air Quality Assessment, would reduce mobile source emissions and would support the State's transition to ZEVs by requiring electrical hookups at all loading bays, promoting the use of alternative fuels and clean fleets, requiring electric vehicle charging stations and/or infrastructure to support the future installation of truck charging stations. The Project would also benefit from implementation of the State programs for ZEVs and goods movement efficiencies that reduce future GHG emissions from trucks.

SC GHG-1 through SC GHG-9, as required by the California Building Code, address non-mobile source emissions, and would provide designated parking to promote the use of alternative fuels and clean fleets, facilitate future installation of electric vehicle supply equipment, and limit idling times. The Project's PDFs also address non-mobile emissions by designing buildings to provide environmental design features, incorporate energy and water conservation measures, and provide electrical, heating, ventilation, lighting, and power systems that meet CALGreen Standards. Additionally, **MM GHG-3** requires the Project to meet or exceed CALGreen Tier 2 standards, which exceeds code requirements). Further, the Project would offset energy demand with solar PV infrastructure (**MM GHG-2**), divert 75 percent of solid waste from landfills (**MM GHG-4**) and require landscape equipment to be 100 percent electric (**MM GHG-5**). Additionally, **MM AQ-9** in the Project's Air Quality Assessment requires the Project use electric cargo handling equipment.

In conclusion, the Project does not conflict with the applicable plans that are discussed above and therefore with respect to this threshold, impacts are less than significant.

Mitigation Measures: Refer to **MM AQ-3** through **MM AQ-10** in the Air Quality Assessment and **MM GHG-1** through **MM GHG-5**, above.

Level of Significance: Less than significant impact with mitigation.

5.3 Cumulative Setting, Impacts, and Mitigation Measures

Cumulative Setting

Climate change is a global problem. GHGs are global pollutants, unlike criteria air pollutants and TACs, which are pollutants of regional and local concern. Whereas pollutants with localized air quality effects

have relatively short atmospheric lifetimes (about 1 day), GHGs have much longer atmospheric lifetimes of 1 year to several thousand years that allow them to be dispersed around the globe.

Cumulative Impacts

It is generally the case that an individual project of this size and nature is of insufficient magnitude by itself to influence climate change or result in a substantial contribution to the global GHG inventory. GHG impacts are recognized as exclusively cumulative impacts; there are no non-cumulative GHG emission impacts from a climate change perspective. The additive effect of Project-related GHGs would not result in a reasonably foreseeable cumulatively considerable contribution to global climate change. As discussed above, the Project-related GHG emissions would exceed the County's 3,000 MTCO_{2e} review standard. As such, the Project is required to achieve a minimum 100 points per the County's GHG Emissions Reduction Plan Screening Tables. According to the County's 2021 GHG Emissions Reduction Plan Update, any project that adopts at least 100 points of GHG performance standards listed in the proposed 2021 Screening Tables would be consistent with the County's GHG Emissions Reduction Plan to reduce emissions to 40 percent below 2007 levels. Meeting this reduction would be consistent with the State's long-term goal to achieve statewide carbon neutrality (zero net emissions) by 2045, and therefore, would result in a less than significant impact related to GHG emissions. As discussed above, and shown in [Table 6](#), each building within the proposed Project would earn 104 points on the County's GHG Screening Tables, which would exceed 100 points. **MM GHG-1** through **MM GHG-5** have been included to ensure application of the GHG reduction measures. As such, the Project would be consistent with the State's long-term goal to achieve statewide carbon neutrality by 2045. However, as discussed above, due to the magnitude of Project emissions and the fact that 86 percent of the emissions are from mobile sources, the Project's GHG emissions would be cumulatively considerable. As noted above, mobile sources are regulated at the State and Federal level and the Project has no control over these standards. The reduction of mobile source and warehouse emissions are being addressed by various CARB and SCAQMD regulations. Mitigation measures would be required to reduce Project emissions to the maximum extent feasible. However, despite Project Design Features, Standard Conditions, Mitigation Measures and CARB and SCAQMD efforts to reduce mobile source emissions, the Project would result in a potentially significant cumulative GHG impact.

Mitigation Measures: Refer to **MM AQ-3** through **MM AQ-10** in the Air Quality Assessment and **MM GHG-1** through **MM GHG-5**, above.

Level of Significance: Despite consistency with the County's GHG Reduction Plan and compliance with various CARB and SCAQMD emissions reduction programs, the magnitude of the Project's emissions would be considered cumulatively significant unavoidable.

6 REFERENCES

1. California Air Resources Board, *Appendix B: Emissions Estimation Methodology of On-Road Diesel-Fueled Heavy-Duty Drayage Trucks at California Ports and Intermodal Rail Yards*. Table II-7. https://ww3.arb.ca.gov/msei/onroad/downloads/drayage_trucks/appbf.pdf
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Appendix A

Greenhouse Gas Emissions Data

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 1a Passenger Cars)(*Includes Construction)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	2,973.37	1000sqft	68.26	2,973,370.00	0
Other Asphalt Surfaces	71.55	Acre	71.55	3,116,718.00	0
Parking Lot	60.73	Acre	60.73	2,645,398.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	345	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Off-road Equipment - Per construction equipment list

Off-road Equipment - Per construction equipment list

Off-road Equipment - Per Construction equipment list

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Off-road Equipment - anticipated construction equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Vehicle Trips - Phase 1a passenger car run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products -

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase 1a passenger car run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	54.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	18.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00

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tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	90.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	29.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	300.00	109.00
tblConstructionPhase	NumDays	180.00	109.00
tblConstructionPhase	NumDays	4,650.00	89.00
tblConstructionPhase	NumDays	330.00	86.00
tblConstructionPhase	NumDays	330.00	86.00
tblConstructionPhase	NumDays	465.00	63.00

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tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LDA	0.54	0.58
tblFleetMix	LHD2	7.1040e-003	0.00
tblFleetMix	LHD2	7.1040e-003	0.00
tblFleetMix	MH	4.8300e-003	0.00
tblFleetMix	MH	4.8300e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	UBUS	2.5100e-004	0.00
tblFleetMix	UBUS	2.5100e-004	0.00
tblGrading	MaterialExported	0.00	587,715.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	15.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	54.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	16.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	21.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	345
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	23,664.00
tblTripsAndVMT	HaulingTripNumber	0.00	11,522.00
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	8.65	5.33
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1330e-003	1.3420e-003
tblVehicleEF	HHD	1,402.40	830.08
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2000e-005
tblVehicleEF	HHD	7.09	4.03
tblVehicleEF	HHD	2.16	1.75
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.9710e-003	2.1770e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.8430e-003	2.0780e-003
tblVehicleEF	HHD	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	8.9150e-003	8.8040e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.0000e-006	2.9600e-004
tblVehicleEF	HHD	7.3000e-005	7.4000e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-005	7.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.0810e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	2.0000e-006	2.9600e-004
tblVehicleEF	HHD	7.3000e-005	7.4000e-005
tblVehicleEF	HHD	0.67	0.58
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.0000e-005	7.7000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	8.54	5.26
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.0000e-003	1.2670e-003
tblVehicleEF	HHD	1,384.98	821.66
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25

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tblVehicleEF	HHD	6.0000e-006	1.2000e-005
tblVehicleEF	HHD	6.75	3.86
tblVehicleEF	HHD	2.04	1.65
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.6190e-003	1.9140e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	2.5050e-003	1.8270e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8040e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	5.0000e-006	4.5500e-004
tblVehicleEF	HHD	8.6000e-005	8.1000e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.1000e-005	8.3000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.0010e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	5.0000e-006	4.5500e-004
tblVehicleEF	HHD	8.6000e-005	8.1000e-005
tblVehicleEF	HHD	0.71	0.60
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.1000e-005	8.3000e-005

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tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	8.82	5.42
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1040e-003	1.3320e-003
tblVehicleEF	HHD	1,426.46	841.71
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.14
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2000e-005
tblVehicleEF	HHD	7.56	4.27
tblVehicleEF	HHD	2.13	1.72
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	3.4590e-003	2.5400e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	3.3090e-003	2.4260e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8040e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0000e-006
tblVehicleEF	HHD	3.0000e-006	3.0400e-004
tblVehicleEF	HHD	8.6000e-005	7.3000e-005
tblVehicleEF	HHD	0.54	0.30
tblVehicleEF	HHD	1.0000e-006	0.00

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tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.2000e-005	8.1000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.01	7.1910e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	3.0000e-006	3.0400e-004
tblVehicleEF	HHD	8.6000e-005	7.3000e-005
tblVehicleEF	HHD	0.61	0.56
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.2000e-005	8.1000e-005
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	LDA	1.9200e-003	2.1620e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.57	0.71
tblVehicleEF	LDA	2.02	2.77
tblVehicleEF	LDA	246.40	267.38
tblVehicleEF	LDA	50.59	66.67
tblVehicleEF	LDA	4.1400e-003	4.2910e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1530e-003
tblVehicleEF	LDA	1.3330e-003	1.2370e-003
tblVehicleEF	LDA	1.7020e-003	2.0060e-003
tblVehicleEF	LDA	0.02	2.5040e-003
tblVehicleEF	LDA	1.2270e-003	1.1380e-003
tblVehicleEF	LDA	1.5650e-003	1.8440e-003
tblVehicleEF	LDA	0.05	0.31

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tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.0520e-003	7.9890e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.28
tblVehicleEF	LDA	2.4380e-003	2.6430e-003
tblVehicleEF	LDA	5.0100e-004	6.5900e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDA	2.2030e-003	2.2990e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.70	0.95
tblVehicleEF	LDA	1.68	2.32
tblVehicleEF	LDA	269.03	290.04
tblVehicleEF	LDA	49.95	65.83
tblVehicleEF	LDA	3.8800e-003	3.8160e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1530e-003
tblVehicleEF	LDA	1.3330e-003	1.2370e-003
tblVehicleEF	LDA	1.7020e-003	2.0060e-003
tblVehicleEF	LDA	0.02	2.5040e-003
tblVehicleEF	LDA	1.2270e-003	1.1380e-003
tblVehicleEF	LDA	1.5650e-003	1.8440e-003

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tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	7.9980e-003	8.3870e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.24
tblVehicleEF	LDA	2.6610e-003	2.8670e-003
tblVehicleEF	LDA	4.9400e-004	6.5100e-004
tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	1.8740e-003	2.1440e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.66
tblVehicleEF	LDA	1.98	2.77
tblVehicleEF	LDA	241.10	263.22
tblVehicleEF	LDA	50.53	66.68
tblVehicleEF	LDA	3.9710e-003	4.1800e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1530e-003
tblVehicleEF	LDA	1.3330e-003	1.2370e-003
tblVehicleEF	LDA	1.7020e-003	2.0060e-003
tblVehicleEF	LDA	0.02	2.5040e-003
tblVehicleEF	LDA	1.2270e-003	1.1380e-003

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tblVehicleEF	LDA	1.5650e-003	1.8440e-003
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.8740e-003	7.9260e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	2.3850e-003	2.6020e-003
tblVehicleEF	LDA	5.0000e-004	6.5900e-004
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.9970e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDT1	5.3250e-003	9.1720e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.14	1.98
tblVehicleEF	LDT1	2.25	6.39
tblVehicleEF	LDT1	292.95	340.41
tblVehicleEF	LDT1	61.63	90.26
tblVehicleEF	LDT1	7.5100e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.10	0.19
tblVehicleEF	LDT1	0.25	0.47
tblVehicleEF	LDT1	0.04	8.8510e-003
tblVehicleEF	LDT1	1.8800e-003	2.2560e-003
tblVehicleEF	LDT1	2.4490e-003	3.5200e-003
tblVehicleEF	LDT1	0.02	3.0980e-003

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tblVehicleEF	LDT1	1.7290e-003	2.0760e-003
tblVehicleEF	LDT1	2.2520e-003	3.2370e-003
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8990e-003	3.3650e-003
tblVehicleEF	LDT1	6.1000e-004	8.9200e-004
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.38	0.74
tblVehicleEF	LDT1	6.0460e-003	9.7300e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.39	2.64
tblVehicleEF	LDT1	1.87	5.32
tblVehicleEF	LDT1	316.51	366.96
tblVehicleEF	LDT1	60.83	88.23
tblVehicleEF	LDT1	6.9690e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.24	0.44
tblVehicleEF	LDT1	0.04	8.8510e-003
tblVehicleEF	LDT1	1.8800e-003	2.2560e-003
tblVehicleEF	LDT1	2.4490e-003	3.5200e-003

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tblVehicleEF	LDT1	0.02	3.0980e-003
tblVehicleEF	LDT1	1.7290e-003	2.0760e-003
tblVehicleEF	LDT1	2.2520e-003	3.2370e-003
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.29	0.58
tblVehicleEF	LDT1	3.1320e-003	3.6280e-003
tblVehicleEF	LDT1	6.0200e-004	8.7200e-004
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.32	0.64
tblVehicleEF	LDT1	5.2030e-003	9.0930e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.09	1.86
tblVehicleEF	LDT1	2.21	6.41
tblVehicleEF	LDT1	287.37	335.53
tblVehicleEF	LDT1	61.56	90.30
tblVehicleEF	LDT1	7.1990e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.25	0.46
tblVehicleEF	LDT1	0.04	8.8510e-003
tblVehicleEF	LDT1	1.8800e-003	2.2560e-003

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tblVehicleEF	LDT1	2.4490e-003	3.5200e-003
tblVehicleEF	LDT1	0.02	3.0980e-003
tblVehicleEF	LDT1	1.7290e-003	2.0760e-003
tblVehicleEF	LDT1	2.2520e-003	3.2370e-003
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8440e-003	3.3170e-003
tblVehicleEF	LDT1	6.0900e-004	8.9300e-004
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.38	0.75
tblVehicleEF	LDT2	3.4390e-003	3.0530e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.83	0.90
tblVehicleEF	LDT2	2.58	3.45
tblVehicleEF	LDT2	308.59	346.22
tblVehicleEF	LDT2	65.18	86.80
tblVehicleEF	LDT2	6.1800e-003	6.2260e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.26	0.32
tblVehicleEF	LDT2	0.04	8.3560e-003

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tblVehicleEF	LDT2	1.4110e-003	1.3020e-003
tblVehicleEF	LDT2	1.7940e-003	2.0730e-003
tblVehicleEF	LDT2	0.02	2.9240e-003
tblVehicleEF	LDT2	1.2980e-003	1.1970e-003
tblVehicleEF	LDT2	1.6500e-003	1.9060e-003
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0530e-003	3.4220e-003
tblVehicleEF	LDT2	6.4500e-004	8.5800e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	3.9290e-003	3.2450e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	1.01	1.21
tblVehicleEF	LDT2	2.14	2.89
tblVehicleEF	LDT2	331.10	370.27
tblVehicleEF	LDT2	64.32	85.74
tblVehicleEF	LDT2	5.7670e-003	5.5490e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30

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tblVehicleEF	LDT2	0.04	8.3560e-003
tblVehicleEF	LDT2	1.4110e-003	1.3020e-003
tblVehicleEF	LDT2	1.7940e-003	2.0730e-003
tblVehicleEF	LDT2	0.02	2.9240e-003
tblVehicleEF	LDT2	1.2980e-003	1.1970e-003
tblVehicleEF	LDT2	1.6500e-003	1.9060e-003
tblVehicleEF	LDT2	0.19	0.44
tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.25	0.31
tblVehicleEF	LDT2	3.2760e-003	3.6600e-003
tblVehicleEF	LDT2	6.3600e-004	8.4800e-004
tblVehicleEF	LDT2	0.19	0.44
tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	3.3570e-003	3.0280e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.84
tblVehicleEF	LDT2	2.54	3.46
tblVehicleEF	LDT2	303.26	341.80
tblVehicleEF	LDT2	65.10	86.82
tblVehicleEF	LDT2	5.9260e-003	6.0680e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07

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tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	0.04	8.3560e-003
tblVehicleEF	LDT2	1.4110e-003	1.3020e-003
tblVehicleEF	LDT2	1.7940e-003	2.0730e-003
tblVehicleEF	LDT2	0.02	2.9240e-003
tblVehicleEF	LDT2	1.2980e-003	1.1970e-003
tblVehicleEF	LDT2	1.6500e-003	1.9060e-003
tblVehicleEF	LDT2	0.09	0.35
tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0000e-003	3.3790e-003
tblVehicleEF	LDT2	6.4400e-004	8.5800e-004
tblVehicleEF	LDT2	0.09	0.35
tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LHD1	4.6170e-003	5.1500e-003
tblVehicleEF	LHD1	5.3670e-003	3.3290e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.67
tblVehicleEF	LHD1	0.96	1.91
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	366.80

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tblVehicleEF	LHD1	10.40	16.42
tblVehicleEF	LHD1	8.6200e-004	7.2700e-004
tblVehicleEF	LHD1	0.04	6.0120e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.26	0.11
tblVehicleEF	LHD1	0.28	0.41
tblVehicleEF	LHD1	9.7300e-004	7.8300e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	9.9970e-003	4.7640e-003
tblVehicleEF	LHD1	0.01	7.0300e-004
tblVehicleEF	LHD1	2.4100e-004	2.3000e-004
tblVehicleEF	LHD1	9.3100e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.4990e-003	1.1910e-003
tblVehicleEF	LHD1	9.5440e-003	6.4700e-004
tblVehicleEF	LHD1	2.2100e-004	2.1200e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1580e-003	3.6260e-003
tblVehicleEF	LHD1	1.0300e-004	1.6200e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03

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tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.08	0.12
tblVehicleEF	LHD1	4.6320e-003	5.1680e-003
tblVehicleEF	LHD1	5.4860e-003	2.0250e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.73	0.14
tblVehicleEF	LHD1	0.90	1.81
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.83	198.35
tblVehicleEF	LHD1	10.29	16.26
tblVehicleEF	LHD1	8.6400e-004	7.2900e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.18	0.66
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.7300e-004	7.8300e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	2.4100e-004	2.3000e-004
tblVehicleEF	LHD1	9.3100e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2210e-003
tblVehicleEF	LHD1	9.5440e-003	0.01

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tblVehicleEF	LHD1	2.2100e-004	2.1200e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1720e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	8.9000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1580e-003	1.8790e-003
tblVehicleEF	LHD1	1.0200e-004	1.6100e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1720e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.6200e-003	5.1520e-003
tblVehicleEF	LHD1	5.3800e-003	2.0250e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.14
tblVehicleEF	LHD1	0.95	1.90
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	198.35
tblVehicleEF	LHD1	10.37	16.41
tblVehicleEF	LHD1	8.6300e-004	7.2800e-004
tblVehicleEF	LHD1	0.04	0.03

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tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.24	0.69
tblVehicleEF	LHD1	0.28	0.40
tblVehicleEF	LHD1	9.7300e-004	7.8300e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8830e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	2.4100e-004	2.3000e-004
tblVehicleEF	LHD1	9.3100e-004	7.4900e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2210e-003
tblVehicleEF	LHD1	9.5440e-003	0.01
tblVehicleEF	LHD1	2.2100e-004	2.1200e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.7000e-005
tblVehicleEF	LHD1	6.1580e-003	1.8790e-003
tblVehicleEF	LHD1	1.0300e-004	1.6200e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.07	0.05

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tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.12
tblVehicleEF	LHD2	3.1180e-003	3.5200e-003
tblVehicleEF	LHD2	3.5830e-003	1.1550e-003
tblVehicleEF	LHD2	8.3140e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.27
tblVehicleEF	LHD2	0.56	1.20
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.46	247.54
tblVehicleEF	LHD2	7.43	10.55
tblVehicleEF	LHD2	1.8200e-003	1.6430e-003
tblVehicleEF	LHD2	0.06	3.3770e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.35	0.05
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2800e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8540e-003
tblVehicleEF	LHD2	0.01	3.5400e-004
tblVehicleEF	LHD2	1.1500e-004	1.0700e-004
tblVehicleEF	LHD2	1.3660e-003	1.2250e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7000e-003	7.1300e-004
tblVehicleEF	LHD2	0.01	3.2500e-004
tblVehicleEF	LHD2	1.0600e-004	9.9000e-005
tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02

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tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.06	5.2730e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3700e-004	1.3200e-004
tblVehicleEF	LHD2	6.1090e-003	2.4470e-003
tblVehicleEF	LHD2	7.4000e-005	1.0400e-004
tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.07	7.6950e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1280e-003	3.5320e-003
tblVehicleEF	LHD2	3.6170e-003	2.9070e-003
tblVehicleEF	LHD2	7.9410e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.53	1.14
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.37	10.44
tblVehicleEF	LHD2	1.8210e-003	1.6440e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.27	0.81

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tblVehicleEF	LHD2	0.17	0.26
tblVehicleEF	LHD2	1.4280e-003	1.2800e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7460e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1500e-004	1.0700e-004
tblVehicleEF	LHD2	1.3660e-003	1.2250e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7000e-003	1.9370e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.9000e-005
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3700e-004	1.3200e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0300e-004
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1200e-003	3.5210e-003

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tblVehicleEF	LHD2	3.5870e-003	2.9070e-003
tblVehicleEF	LHD2	8.2440e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.56	1.20
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.42	10.54
tblVehicleEF	LHD2	1.8200e-003	1.6430e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.33	0.85
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2800e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7460e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1500e-004	1.0700e-004
tblVehicleEF	LHD2	1.3660e-003	1.2250e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7000e-003	1.9370e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.9000e-005
tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.06	0.06

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tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3700e-004	1.3200e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0400e-004
tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.58
tblVehicleEF	MCY	0.25	0.18
tblVehicleEF	MCY	19.97	0.58
tblVehicleEF	MCY	8.82	7.71
tblVehicleEF	MCY	211.12	0.58
tblVehicleEF	MCY	60.91	48.91
tblVehicleEF	MCY	0.07	0.58
tblVehicleEF	MCY	0.02	8.1990e-003
tblVehicleEF	MCY	1.16	0.58
tblVehicleEF	MCY	0.27	0.14
tblVehicleEF	MCY	0.01	0.58
tblVehicleEF	MCY	4.0000e-003	0.58
tblVehicleEF	MCY	1.8990e-003	0.58
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.58
tblVehicleEF	MCY	1.0000e-003	0.58
tblVehicleEF	MCY	1.7750e-003	0.58

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tblVehicleEF	MCY	2.6600e-003	3.0800e-003
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.21	0.58
tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	1.88	1.31
tblVehicleEF	MCY	2.0890e-003	0.58
tblVehicleEF	MCY	6.0300e-004	4.8400e-004
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.73	0.58
tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	2.05	1.42
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.22	0.16
tblVehicleEF	MCY	20.11	0.51
tblVehicleEF	MCY	7.97	6.98
tblVehicleEF	MCY	211.15	0.51
tblVehicleEF	MCY	58.66	47.22
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	8.0420e-003
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8990e-003	0.51
tblVehicleEF	MCY	2.8290e-003	3.2780e-003

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tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7750e-003	0.51
tblVehicleEF	MCY	2.6600e-003	3.0800e-003
tblVehicleEF	MCY	3.14	3.79
tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.16	0.51
tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.62	1.15
tblVehicleEF	MCY	2.0890e-003	0.51
tblVehicleEF	MCY	5.8000e-004	4.6700e-004
tblVehicleEF	MCY	3.14	3.79
tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.66	0.51
tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.76	1.25
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	19.09	0.57
tblVehicleEF	MCY	8.48	7.60
tblVehicleEF	MCY	209.60	0.57
tblVehicleEF	MCY	60.13	48.67
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	8.2050e-003
tblVehicleEF	MCY	1.12	0.57
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.57

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tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8990e-003	0.57
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7750e-003	0.57
tblVehicleEF	MCY	2.6600e-003	3.0800e-003
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.18	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.81	1.29
tblVehicleEF	MCY	2.0740e-003	0.57
tblVehicleEF	MCY	5.9500e-004	4.8100e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.68	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.97	1.40
tblVehicleEF	MDV	4.3590e-003	4.4100e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.93	1.10
tblVehicleEF	MDV	2.97	3.91
tblVehicleEF	MDV	385.79	424.26
tblVehicleEF	MDV	81.00	106.70
tblVehicleEF	MDV	8.5970e-003	9.1890e-003
tblVehicleEF	MDV	0.03	0.04

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tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	0.04	8.6190e-003
tblVehicleEF	MDV	1.4890e-003	1.4370e-003
tblVehicleEF	MDV	1.8380e-003	2.2020e-003
tblVehicleEF	MDV	0.02	3.0170e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0250e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.8140e-003	4.1920e-003
tblVehicleEF	MDV	8.0200e-004	1.0550e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.41	0.57
tblVehicleEF	MDV	4.9900e-003	4.6900e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	1.14	1.47
tblVehicleEF	MDV	2.45	3.28
tblVehicleEF	MDV	409.60	449.20
tblVehicleEF	MDV	79.98	105.44
tblVehicleEF	MDV	8.0890e-003	8.2700e-003

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tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.30	0.42
tblVehicleEF	MDV	0.04	8.6190e-003
tblVehicleEF	MDV	1.4890e-003	1.4370e-003
tblVehicleEF	MDV	1.8380e-003	2.2020e-003
tblVehicleEF	MDV	0.02	3.0170e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0250e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	4.0490e-003	4.4390e-003
tblVehicleEF	MDV	7.9200e-004	1.0420e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.49
tblVehicleEF	MDV	4.2510e-003	4.3700e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.88	1.03
tblVehicleEF	MDV	2.92	3.93
tblVehicleEF	MDV	380.15	419.67
tblVehicleEF	MDV	80.92	106.73

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tblVehicleEF	MDV	8.2840e-003	8.9760e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	0.04	8.6190e-003
tblVehicleEF	MDV	1.4890e-003	1.4370e-003
tblVehicleEF	MDV	1.8380e-003	2.2020e-003
tblVehicleEF	MDV	0.02	3.0170e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0250e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.7580e-003	4.1470e-003
tblVehicleEF	MDV	8.0100e-004	1.0550e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.41	0.58
tblVehicleEF	MH	9.5080e-003	5.9000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.8710e-003
tblVehicleEF	MH	2.03	2.33
tblVehicleEF	MH	1,457.66	5.3870e-003

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tblVehicleEF	MH	18.29	22.42
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.51	1.38
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.4000e-004	2.7300e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.4700e-004
tblVehicleEF	MH	0.04	0.14
tblVehicleEF	MH	2.2100e-004	2.5100e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.02	2.1460e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	5.0000e-005
tblVehicleEF	MH	1.8100e-004	2.2200e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.3080e-003
tblVehicleEF	MH	0.02	2.1460e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	9.7710e-003	6.0000e-005
tblVehicleEF	MH	0.02	0.03

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tblVehicleEF	MH	1.18	3.0780e-003
tblVehicleEF	MH	1.86	2.17
tblVehicleEF	MH	1,457.73	5.3870e-003
tblVehicleEF	MH	18.00	22.14
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.28
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.4000e-004	2.7300e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.1500e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5100e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.02	2.2360e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	5.4000e-005
tblVehicleEF	MH	1.7800e-004	2.1900e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.08	7.0690e-003
tblVehicleEF	MH	0.02	2.2360e-003

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tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	9.5320e-003	5.9000e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.9520e-003
tblVehicleEF	MH	2.01	2.34
tblVehicleEF	MH	1,457.67	5.3870e-003
tblVehicleEF	MH	18.26	22.43
tblVehicleEF	MH	0.06	1.0000e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.48	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	0.00
tblVehicleEF	MH	0.04	0.00
tblVehicleEF	MH	2.4000e-004	2.7300e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.3800e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5100e-004
tblVehicleEF	MH	1.21	35.35
tblVehicleEF	MH	0.08	8.37
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	0.02	2.2050e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	5.1000e-005
tblVehicleEF	MH	1.8100e-004	2.2200e-004
tblVehicleEF	MH	1.21	35.35
tblVehicleEF	MH	0.08	8.37

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tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.2760e-003
tblVehicleEF	MH	0.02	2.2050e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MHD	3.0880e-003	0.02
tblVehicleEF	MHD	1.2060e-003	7.7320e-003
tblVehicleEF	MHD	7.8410e-003	6.3740e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	64.48	160.75
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.77	6.25
tblVehicleEF	MHD	9.3540e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2780e-003	4.4800e-003
tblVehicleEF	MHD	0.35	0.84
tblVehicleEF	MHD	1.01	0.73
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	2.8300e-004	1.4030e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	7.5800e-003	9.1060e-003
tblVehicleEF	MHD	9.0000e-005	7.0000e-005
tblVehicleEF	MHD	2.7100e-004	1.3420e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4000e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8250e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1200e-004	1.4790e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.7000e-005	6.2000e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8250e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.9410e-003	0.02
tblVehicleEF	MHD	1.2330e-003	7.7620e-003
tblVehicleEF	MHD	7.4810e-003	6.1230e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.17	0.23
tblVehicleEF	MHD	0.80	0.69
tblVehicleEF	MHD	64.29	159.41
tblVehicleEF	MHD	956.24	1,134.11
tblVehicleEF	MHD	7.68	6.18
tblVehicleEF	MHD	9.2940e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1480e-003	4.4070e-003
tblVehicleEF	MHD	0.34	0.81
tblVehicleEF	MHD	0.95	0.69

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tblVehicleEF	MHD	1.75	1.48
tblVehicleEF	MHD	2.4200e-004	1.1930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	7.5800e-003	9.1060e-003
tblVehicleEF	MHD	9.0000e-005	7.0000e-005
tblVehicleEF	MHD	2.3100e-004	1.1410e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4000e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2310e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1000e-004	1.4660e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.6000e-005	6.1000e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2310e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	3.3060e-003	0.02
tblVehicleEF	MHD	1.2080e-003	7.7330e-003
tblVehicleEF	MHD	7.7490e-003	6.3290e-003

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tblVehicleEF	MHD	0.40	0.70
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.85	0.72
tblVehicleEF	MHD	64.74	162.59
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.75	6.24
tblVehicleEF	MHD	9.4410e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2350e-003	4.4610e-003
tblVehicleEF	MHD	0.37	0.88
tblVehicleEF	MHD	0.99	0.72
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	3.4100e-004	1.6930e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	7.5800e-003	9.1060e-003
tblVehicleEF	MHD	9.0000e-005	7.0000e-005
tblVehicleEF	MHD	3.2600e-004	1.6190e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4000e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7950e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1400e-004	1.4960e-003
tblVehicleEF	MHD	9.1120e-003	0.01

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tblVehicleEF	MHD	7.7000e-005	6.2000e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7950e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	OBUS	9.0290e-003	0.02
tblVehicleEF	OBUS	6.3900e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.52
tblVehicleEF	OBUS	0.76	0.91
tblVehicleEF	OBUS	2.60	2.72
tblVehicleEF	OBUS	64.96	72.64
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.19	22.62
tblVehicleEF	OBUS	8.0550e-003	9.6580e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.90	1.09
tblVehicleEF	OBUS	0.66	0.69
tblVehicleEF	OBUS	7.7000e-005	5.7700e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4100e-004
tblVehicleEF	OBUS	7.4000e-005	5.5200e-004
tblVehicleEF	OBUS	0.06	0.02

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tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2100e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2000e-004	6.5600e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.1000e-004	2.2400e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	OBUS	9.1020e-003	0.02
tblVehicleEF	OBUS	6.5800e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.49	0.51
tblVehicleEF	OBUS	0.79	0.93
tblVehicleEF	OBUS	2.38	2.53
tblVehicleEF	OBUS	64.29	72.07
tblVehicleEF	OBUS	1,426.14	1,461.34
tblVehicleEF	OBUS	20.83	22.30
tblVehicleEF	OBUS	7.9570e-003	9.5730e-003

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tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.22	0.26
tblVehicleEF	OBUS	0.82	1.01
tblVehicleEF	OBUS	0.65	0.67
tblVehicleEF	OBUS	6.8000e-005	4.9300e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4100e-004
tblVehicleEF	OBUS	6.6000e-005	4.7100e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2100e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.1400e-004	6.5000e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0600e-004	2.2000e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04

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tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	8.9680e-003	0.02
tblVehicleEF	OBUS	6.4110e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.53
tblVehicleEF	OBUS	0.77	0.92
tblVehicleEF	OBUS	2.58	2.72
tblVehicleEF	OBUS	65.88	73.43
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.16	22.63
tblVehicleEF	OBUS	8.2020e-003	9.7840e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.29
tblVehicleEF	OBUS	0.88	1.07
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	8.9000e-005	6.9400e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4100e-004
tblVehicleEF	OBUS	8.5000e-005	6.6400e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2100e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.03	0.06

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tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2900e-004	6.6300e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0900e-004	2.2400e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9790e-003	1.34
tblVehicleEF	SBUS	4.3250e-003	6.8410e-003
tblVehicleEF	SBUS	2.05	2.91
tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.57	0.89
tblVehicleEF	SBUS	333.61	269.17
tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.39	5.44
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.15	0.17
tblVehicleEF	SBUS	3.6030e-003	5.8740e-003
tblVehicleEF	SBUS	3.15	1.14
tblVehicleEF	SBUS	4.52	2.37
tblVehicleEF	SBUS	1.06	0.18
tblVehicleEF	SBUS	3.2820e-003	1.6750e-003
tblVehicleEF	SBUS	0.74	0.05

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tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.3000e-005
tblVehicleEF	SBUS	3.1400e-003	1.5850e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5590e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.9000e-005
tblVehicleEF	SBUS	7.2900e-004	0.06
tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	3.1720e-003	1.2750e-003
tblVehicleEF	SBUS	0.01	6.8400e-003
tblVehicleEF	SBUS	3.4000e-005	5.4000e-005
tblVehicleEF	SBUS	7.2900e-004	0.06
tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.51
tblVehicleEF	SBUS	6.0530e-003	1.34
tblVehicleEF	SBUS	3.5770e-003	5.7300e-003
tblVehicleEF	SBUS	2.01	2.90

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tblVehicleEF	SBUS	0.52	5.06
tblVehicleEF	SBUS	0.40	0.64
tblVehicleEF	SBUS	340.36	271.88
tblVehicleEF	SBUS	1,098.26	1,227.18
tblVehicleEF	SBUS	3.11	5.03
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.4720e-003	5.6670e-003
tblVehicleEF	SBUS	3.21	1.17
tblVehicleEF	SBUS	4.23	2.22
tblVehicleEF	SBUS	1.06	0.17
tblVehicleEF	SBUS	2.7750e-003	1.4890e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.3000e-005
tblVehicleEF	SBUS	2.6550e-003	1.4070e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5590e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.9000e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2360e-003	1.3010e-003

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tblVehicleEF	SBUS	0.01	6.8400e-003
tblVehicleEF	SBUS	3.1000e-005	5.0000e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9750e-003	1.34
tblVehicleEF	SBUS	4.4250e-003	7.0470e-003
tblVehicleEF	SBUS	2.09	2.92
tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.59	0.93
tblVehicleEF	SBUS	324.30	265.43
tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.42	5.51
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.6360e-003	5.9460e-003
tblVehicleEF	SBUS	3.08	1.11
tblVehicleEF	SBUS	4.45	2.33
tblVehicleEF	SBUS	1.07	0.18
tblVehicleEF	SBUS	3.9810e-003	1.9330e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.3000e-005

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tblVehicleEF	SBUS	3.8090e-003	1.8320e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5590e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.9000e-005
tblVehicleEF	SBUS	6.8400e-004	0.06
tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0840e-003	1.2400e-003
tblVehicleEF	SBUS	0.01	6.8400e-003
tblVehicleEF	SBUS	3.4000e-005	5.4000e-005
tblVehicleEF	SBUS	6.8400e-004	0.06
tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8120e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.42	1.09
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.41	7.58
tblVehicleEF	UBUS	0.28	0.31

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tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7180e-003
tblVehicleEF	UBUS	2.1400e-004	4.0000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1750e-003
tblVehicleEF	UBUS	2.5810e-003	1.6380e-003
tblVehicleEF	UBUS	1.9700e-004	3.6000e-005
tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9380e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	7.9300e-004	5.0900e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6300e-004
tblVehicleEF	UBUS	1.6200e-004	7.5000e-005
tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9380e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.9300e-004	5.0900e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.01	7.1310e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.16	0.93

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tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	15.99	7.32
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.38
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7180e-003
tblVehicleEF	UBUS	2.1400e-004	4.0000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1750e-003
tblVehicleEF	UBUS	2.5810e-003	1.6380e-003
tblVehicleEF	UBUS	1.9700e-004	3.6000e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003
tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	7.7900e-004	5.3200e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6400e-004
tblVehicleEF	UBUS	1.5800e-004	7.2000e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003
tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.7900e-004	5.3200e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00

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tblVehicleEF	UBUS	0.02	7.8700e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.36	7.61
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7180e-003
tblVehicleEF	UBUS	2.1400e-004	4.0000e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1750e-003
tblVehicleEF	UBUS	2.5810e-003	1.6380e-003
tblVehicleEF	UBUS	1.9700e-004	3.6000e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003
tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	9.1300e-004	5.2800e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6300e-004
tblVehicleEF	UBUS	1.6200e-004	7.5000e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003
tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	4.30	2.05

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tblVehicleEF	UBUS	9.1300e-004	5.2800e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	33.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	141.21
tblVehicleTrips	ST_TR	0.00	7.31
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	0.70	141.21
tblVehicleTrips	SU_TR	0.00	7.31
tblVehicleTrips	SU_TR	2.12	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	9.74	141.21
tblVehicleTrips	WD_TR	0.00	7.31
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2023	3-31-2023	13.1449	10.5884
2	4-1-2023	6-30-2023	18.1623	8.6965
3	7-1-2023	9-30-2023	16.5118	7.9888
		Highest	18.1623	10.5884

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Energy	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	2,748.7566	2,748.7566	0.0129	0.0123	2,752.7568
Mobile	4.0012	3.4191	38.4974	0.5818	9.3797	0.5301	9.9098	3.0598	0.5262	3.5860	0.0000	9,230.7181	9,230.7181	0.7408	0.6996	9,457.7260
Waste						0.0000	0.0000		0.0000	0.0000	600.6442	0.0000	600.6442	35.4971	0.0000	1,488.0705
Water						0.0000	0.0000		0.0000	0.0000	230.1311	1,487.5484	1,717.6795	23.6367	0.5581	2,474.9140
Total	17.3616	4.0378	39.0586	0.5855	9.3797	0.5772	9.9569	3.0598	0.5733	3.6331	830.7753	13,467.1045	14,297.8798	59.8877	1.2701	16,173.5540

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Energy	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	2,292.8253	2,292.8253	0.0106	0.0101	2,296.1084
Mobile	3.9909	3.3893	38.1640	0.5750	9.2692	0.5239	9.7931	3.0238	0.5200	3.5438	0.0000	9,124.4602	9,124.4602	0.7347	0.6925	9,349.1834
Waste						0.0000	0.0000		0.0000	0.0000	150.1610	0.0000	150.1610	8.8743	0.0000	372.0176
Water						0.0000	0.0000		0.0000	0.0000	184.1049	1,191.3550	1,375.4599	18.9093	0.4465	1,981.2475
Total	17.3369	3.8970	38.6145	0.5780	9.2692	0.5625	9.8318	3.0238	0.5587	3.5825	334.2659	12,608.6845	12,942.9504	28.5289	1.1491	13,998.6030

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.14	3.49	1.14	1.28	1.18	2.54	1.26	1.18	2.55	1.39	59.76	6.37	9.48	52.36	9.53	13.45

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	6/1/2023	5	109	
2	Road Construction/Utilities	Site Preparation	1/1/2023	6/1/2023	5	109	
3	Concrete Pour	Building Construction	5/1/2023	8/31/2023	5	89	

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4	Paving/Landscap/Site Finishes	Paving	9/1/2023	12/29/2023	5	86
5	Architectural Coating	Architectural Coating	9/1/2023	12/29/2023	5	86
6	Excavation/Mass Site Grading	Grading	2/1/2023	4/28/2023	5	63

Acres of Grading (Site Preparation Phase): 163.5

Acres of Grading (Grading Phase): 1102.5

Acres of Paving: 132.28

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 4,722,555; Non-Residential Outdoor: 1,574,185; Striped Parking Area: 345,727 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Road Construction/Utilities	Excavators	2	8.00	158	0.38
Road Construction/Utilities	Off-Highway Trucks	1	4.00	402	0.38
Road Construction/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Road Construction/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Road Construction/Utilities	Trenchers	2	8.00	78	0.50
Concrete Pour	Cranes	3	7.00	231	0.29
Concrete Pour	Forklifts	15	8.00	89	0.20
Concrete Pour	Generator Sets	54	8.00	84	0.74
Concrete Pour	Off-Highway Trucks	12	7.00	402	0.38
Concrete Pour	Other General Industrial Equipment	84	8.00	88	0.34
Concrete Pour	Pumps	3	7.00	84	0.74
Concrete Pour	Rollers	3	8.00	80	0.38
Concrete Pour	Tractors/Loaders/Backhoes	21	7.00	97	0.37
Concrete Pour	Welders	0	8.00	46	0.45

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Paving/Landscap/Site Finishes	Graders	2	8.00	187	0.41
Paving/Landscap/Site Finishes	Off-Highway Tractors	1	8.00	124	0.44
Paving/Landscap/Site Finishes	Off-Highway Trucks	2	8.00	402	0.38
Paving/Landscap/Site Finishes	Other Construction Equipment	2	8.00	172	0.42
Paving/Landscap/Site Finishes	Other General Industrial Equipment	6	8.00	88	0.34
Paving/Landscap/Site Finishes	Pavers	0	8.00	130	0.42
Paving/Landscap/Site Finishes	Paving Equipment	1	8.00	132	0.36
Paving/Landscap/Site Finishes	Rollers	6	8.00	80	0.38
Paving/Landscap/Site Finishes	Scrapers	1	8.00	367	0.48
Paving/Landscap/Site Finishes	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Architectural Coating	Air Compressors	3	6.00	78	0.48
Excavation/Mass Site Grading	Excavators	0	8.00	158	0.38
Excavation/Mass Site Grading	Graders	2	8.00	187	0.41
Excavation/Mass Site Grading	Off-Highway Trucks	3	8.00	402	0.38
Excavation/Mass Site Grading	Other Construction Equipment	1	8.00	172	0.42
Excavation/Mass Site Grading	Rollers	1	8.00	80	0.38
Excavation/Mass Site Grading	Rubber Tired Dozers	1	8.00	247	0.40
Excavation/Mass Site Grading	Rubber Tired Loaders	1	8.00	203	0.36
Excavation/Mass Site Grading	Scrapers	16	8.00	367	0.48
Excavation/Mass Site Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	20,768.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Road Construction/Utilities	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Concrete Pour	195	3,737.00	1,460.00	23,664.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Landscap/Site Finishes	25	63.00	0.00	11,522.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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Architectural Coating	3	747.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Excavation/Mass Site Grading	25	63.00	0.00	73,464.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Demolition - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.2472	0.0000	2.2472	0.3403	0.0000	0.3403	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1237	1.1709	1.0706	2.1200e-003		0.0544	0.0544		0.0506	0.0506	0.0000	185.2568	185.2568	0.0519	0.0000	186.5538
Total	0.1237	1.1709	1.0706	2.1200e-003	2.2472	0.0544	2.3016	0.3403	0.0506	0.3908	0.0000	185.2568	185.2568	0.0519	0.0000	186.5538

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0242	1.2077	0.3504	5.8400e-003	0.1788	0.0120	0.1909	0.0491	0.0115	0.0606	0.0000	577.0439	577.0439	0.0246	0.0915	604.9148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8500e-003	2.1200e-003	0.0265	8.0000e-005	8.9600e-003	5.0000e-005	9.0100e-003	2.3800e-003	4.0000e-005	2.4200e-003	0.0000	6.9140	6.9140	1.8000e-004	1.9000e-004	6.9752
Total	0.0271	1.2098	0.3770	5.9200e-003	0.1878	0.0121	0.1999	0.0515	0.0115	0.0630	0.0000	583.9579	583.9579	0.0248	0.0917	611.8900

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8326	0.0000	0.8326	0.1261	0.0000	0.1261	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0400	0.2352	1.2578	2.1200e-003		9.9000e-003	9.9000e-003		9.9000e-003	9.9000e-003	0.0000	185.2566	185.2566	0.0519	0.0000	186.5536
Total	0.0400	0.2352	1.2578	2.1200e-003	0.8326	9.9000e-003	0.8425	0.1261	9.9000e-003	0.1360	0.0000	185.2566	185.2566	0.0519	0.0000	186.5536

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3.2 Demolition - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0242	1.2077	0.3504	5.8400e-003	0.1708	0.0120	0.1828	0.0472	0.0115	0.0587	0.0000	577.0439	577.0439	0.0246	0.0915	604.9148
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.8500e-003	2.1200e-003	0.0265	8.0000e-005	8.5000e-003	5.0000e-005	8.5400e-003	2.2700e-003	4.0000e-005	2.3100e-003	0.0000	6.9140	6.9140	1.8000e-004	1.9000e-004	6.9752
Total	0.0271	1.2098	0.3770	5.9200e-003	0.1793	0.0121	0.1913	0.0494	0.0115	0.0610	0.0000	583.9579	583.9579	0.0248	0.0917	611.8900

3.3 Road Construction/Utilities - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0713	0.0000	1.0713	0.5506	0.0000	0.5506	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2170	2.1185	1.7216	3.3700e-003		0.1052	0.1052		0.0968	0.0968	0.0000	295.7527	295.7527	0.0957	0.0000	298.1440
Total	0.2170	2.1185	1.7216	3.3700e-003	1.0713	0.1052	1.1765	0.5506	0.0968	0.6474	0.0000	295.7527	295.7527	0.0957	0.0000	298.1440

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3.3 Road Construction/Utilities - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6900e-003	4.2500e-003	0.0531	1.5000e-004	0.0179	9.0000e-005	0.0180	4.7600e-003	8.0000e-005	4.8400e-003	0.0000	13.8281	13.8281	3.7000e-004	3.8000e-004	13.9505
Total	5.6900e-003	4.2500e-003	0.0531	1.5000e-004	0.0179	9.0000e-005	0.0180	4.7600e-003	8.0000e-005	4.8400e-003	0.0000	13.8281	13.8281	3.7000e-004	3.8000e-004	13.9505

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3969	0.0000	0.3969	0.2040	0.0000	0.2040	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0412	0.1785	2.0034	3.3700e-003		5.4900e-003	5.4900e-003		5.4900e-003	5.4900e-003	0.0000	295.7524	295.7524	0.0957	0.0000	298.1437
Total	0.0412	0.1785	2.0034	3.3700e-003	0.3969	5.4900e-003	0.4024	0.2040	5.4900e-003	0.2095	0.0000	295.7524	295.7524	0.0957	0.0000	298.1437

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Road Construction/Utilities - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.6900e-003	4.2500e-003	0.0531	1.5000e-004	0.0170	9.0000e-005	0.0171	4.5300e-003	8.0000e-005	4.6200e-003	0.0000	13.8281	13.8281	3.7000e-004	3.8000e-004	13.9505
Total	5.6900e-003	4.2500e-003	0.0531	1.5000e-004	0.0170	9.0000e-005	0.0171	4.5300e-003	8.0000e-005	4.6200e-003	0.0000	13.8281	13.8281	3.7000e-004	3.8000e-004	13.9505

3.4 Concrete Pour - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.8693	16.8387	21.0333	0.0369		0.8486	0.8486		0.8066	0.8066	0.0000	3,211.1223	3,211.1223	0.6407	0.0000	3,227.1396
Total	1.8693	16.8387	21.0333	0.0369		0.8486	0.8486		0.8066	0.8066	0.0000	3,211.1223	3,211.1223	0.6407	0.0000	3,227.1396

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Concrete Pour - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0276	1.3761	0.3993	6.6500e-003	0.2038	0.0137	0.2175	0.0560	0.0131	0.0691	0.0000	657.5099	657.5099	0.0280	0.1042	689.2673
Vendor	0.0733	2.3971	0.9704	0.0116	0.4098	0.0172	0.4269	0.1183	0.0164	0.1347	0.0000	1,132.3167	1,132.3167	0.0295	0.1673	1,182.9197
Worker	0.5791	0.4322	5.3964	0.0153	1.8234	9.1600e-003	1.8325	0.4843	8.4300e-003	0.4927	0.0000	1,406.4579	1,406.4579	0.0374	0.0386	1,418.9068
Total	0.6800	4.2054	6.7661	0.0336	2.4369	0.0400	2.4769	0.6585	0.0379	0.6965	0.0000	3,196.2846	3,196.2846	0.0948	0.3102	3,291.0938

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.4486	2.2118	23.4587	0.0369		0.0730	0.0730		0.0715	0.0715	0.0000	3,211.1185	3,211.1185	0.6407	0.0000	3,227.1357
Total	0.4486	2.2118	23.4587	0.0369		0.0730	0.0730		0.0715	0.0715	0.0000	3,211.1185	3,211.1185	0.6407	0.0000	3,227.1357

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Concrete Pour - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0276	1.3761	0.3993	6.6500e-003	0.1946	0.0137	0.2083	0.0537	0.0131	0.0668	0.0000	657.5099	657.5099	0.0280	0.1042	689.2673
Vendor	0.0733	2.3971	0.9704	0.0116	0.3924	0.0172	0.4095	0.1140	0.0164	0.1304	0.0000	1,132.3167	1,132.3167	0.0295	0.1673	1,182.9197
Worker	0.5791	0.4322	5.3964	0.0153	1.7286	9.1600e-003	1.7377	0.4610	8.4300e-003	0.4694	0.0000	1,406.4579	1,406.4579	0.0374	0.0386	1,418.9068
Total	0.6800	4.2054	6.7661	0.0336	2.3155	0.0400	2.3555	0.6287	0.0379	0.6667	0.0000	3,196.2846	3,196.2846	0.0948	0.3102	3,291.0938

3.5 Paving/Landscap/Site Finishes - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2633	2.5792	2.6347	5.1400e-003		0.1191	0.1191		0.1096	0.1096	0.0000	451.5995	451.5995	0.1461	0.0000	455.2509
Paving	0.1733					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.4366	2.5792	2.6347	5.1400e-003		0.1191	0.1191		0.1096	0.1096	0.0000	451.5995	451.5995	0.1461	0.0000	455.2509

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving/Landscap/Site Finishes - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0134	0.6700	0.1944	3.2400e-003	0.0992	6.6700e-003	0.1059	0.0273	6.3800e-003	0.0336	0.0000	320.1415	320.1415	0.0136	0.0507	335.6042
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.4300e-003	7.0400e-003	0.0879	2.5000e-004	0.0297	1.5000e-004	0.0299	7.8900e-003	1.4000e-004	8.0300e-003	0.0000	22.9115	22.9115	6.1000e-004	6.3000e-004	23.1143
Total	0.0229	0.6771	0.2823	3.4900e-003	0.1289	6.8200e-003	0.1357	0.0351	6.5200e-003	0.0417	0.0000	343.0530	343.0530	0.0142	0.0514	358.7184

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0889	0.5950	3.1397	5.1400e-003		0.0213	0.0213		0.0202	0.0202	0.0000	451.5990	451.5990	0.1461	0.0000	455.2504
Paving	0.1733					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2622	0.5950	3.1397	5.1400e-003		0.0213	0.0213		0.0202	0.0202	0.0000	451.5990	451.5990	0.1461	0.0000	455.2504

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Paving/Landscap/Site Finishes - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0134	0.6700	0.1944	3.2400e-003	0.0948	6.6700e-003	0.1014	0.0262	6.3800e-003	0.0325	0.0000	320.1415	320.1415	0.0136	0.0507	335.6042
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	9.4300e-003	7.0400e-003	0.0879	2.5000e-004	0.0282	1.5000e-004	0.0283	7.5100e-003	1.4000e-004	7.6500e-003	0.0000	22.9115	22.9115	6.1000e-004	6.3000e-004	23.1143
Total	0.0229	0.6771	0.2823	3.4900e-003	0.1229	6.8200e-003	0.1297	0.0337	6.5200e-003	0.0402	0.0000	343.0530	343.0530	0.0142	0.0514	358.7184

3.6 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	15.3939					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0247	0.1681	0.2336	3.8000e-004		9.1400e-003	9.1400e-003		9.1400e-003	9.1400e-003	0.0000	32.9370	32.9370	1.9700e-003	0.0000	32.9862
Total	15.4186	0.1681	0.2336	3.8000e-004		9.1400e-003	9.1400e-003		9.1400e-003	9.1400e-003	0.0000	32.9370	32.9370	1.9700e-003	0.0000	32.9862

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1119	0.0835	1.0423	2.9600e-003	0.3522	1.7700e-003	0.3540	0.0935	1.6300e-003	0.0952	0.0000	271.6644	271.6644	7.2200e-003	7.4600e-003	274.0689
Total	0.1119	0.0835	1.0423	2.9600e-003	0.3522	1.7700e-003	0.3540	0.0935	1.6300e-003	0.0952	0.0000	271.6644	271.6644	7.2200e-003	7.4600e-003	274.0689

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	15.3939					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0247	0.1681	0.2336	3.8000e-004		9.1400e-003	9.1400e-003		9.1400e-003	9.1400e-003	0.0000	32.9369	32.9369	1.9700e-003	0.0000	32.9862
Total	15.4186	0.1681	0.2336	3.8000e-004		9.1400e-003	9.1400e-003		9.1400e-003	9.1400e-003	0.0000	32.9369	32.9369	1.9700e-003	0.0000	32.9862

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3.6 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.1119	0.0835	1.0423	2.9600e-003	0.3339	1.7700e-003	0.3357	0.0890	1.6300e-003	0.0907	0.0000	271.6644	271.6644	7.2200e-003	7.4600e-003	274.0689
Total	0.1119	0.0835	1.0423	2.9600e-003	0.3339	1.7700e-003	0.3357	0.0890	1.6300e-003	0.0907	0.0000	271.6644	271.6644	7.2200e-003	7.4600e-003	274.0689

3.7 Excavation/Mass Site Grading - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8075	0.0000	0.8075	0.1724	0.0000	0.1724	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5142	5.2723	3.8403	0.0101		0.2067	0.2067		0.1902	0.1902	0.0000	883.8189	883.8189	0.2858	0.0000	890.9650
Total	0.5142	5.2723	3.8403	0.0101	0.8075	0.2067	1.0143	0.1724	0.1902	0.3626	0.0000	883.8189	883.8189	0.2858	0.0000	890.9650

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Excavation/Mass Site Grading - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1429	9.5063	2.0416	0.0499	1.5803	0.1056	1.6860	0.4340	0.1010	0.5350	0.0000	4,931.600 4	4,931.600 4	0.2132	0.7818	5,169.913 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9100e-003	5.1600e-003	0.0644	1.8000e-004	0.0218	1.1000e-004	0.0219	5.7800e-003	1.0000e-004	5.8800e-003	0.0000	16.7840	16.7840	4.5000e-004	4.6000e-004	16.9325
Total	0.1498	9.5115	2.1060	0.0500	1.6021	0.1057	1.7078	0.4398	0.1011	0.5409	0.0000	4,948.384 3	4,948.384 3	0.2136	0.7823	5,186.846 4

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2992	0.0000	0.2992	0.0639	0.0000	0.0639	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4261	4.3028	4.2617	0.0101		0.1676	0.1676		0.1545	0.1545	0.0000	883.8179	883.8179	0.2858	0.0000	890.9640
Total	0.4261	4.3028	4.2617	0.0101	0.2992	0.1676	0.4668	0.0639	0.1545	0.2184	0.0000	883.8179	883.8179	0.2858	0.0000	890.9640

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Excavation/Mass Site Grading - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1429	9.5063	2.0416	0.0499	1.5091	0.1056	1.6147	0.4165	0.1010	0.5176	0.0000	4,931.600 4	4,931.600 4	0.2132	0.7818	5,169.913 8
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.9100e- 003	5.1600e- 003	0.0644	1.8000e- 004	0.0206	1.1000e- 004	0.0207	5.5000e- 003	1.0000e- 004	5.6000e- 003	0.0000	16.7840	16.7840	4.5000e- 004	4.6000e- 004	16.9325
Total	0.1498	9.5115	2.1060	0.0500	1.5297	0.1057	1.6354	0.4220	0.1011	0.5232	0.0000	4,948.384 3	4,948.384 3	0.2136	0.7823	5,186.846 4

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Transit Subsidy

Employee Vanpool/Shuttle

Provide Ride Sharing Program

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.9909	3.3893	38.1640	0.5750	9.2692	0.5239	9.7931	3.0238	0.5200	3.5438	0.0000	9,124.4602	9,124.4602	0.7347	0.6925	9,349.1834
Unmitigated	4.0012	3.4191	38.4974	0.5818	9.3797	0.5301	9.9098	3.0598	0.5262	3.5860	0.0000	9,230.7181	9,230.7181	0.7408	0.6996	9,457.7260

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	7,060.50	7,060.50	7060.50	27,810,208	27,482,700
Other Asphalt Surfaces	523.03	523.03	523.03	2,060,136	2,035,874
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	7,583.53	7,583.53	7,583.53	29,870,344	29,518,574

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.583387	0.056059	0.172680	0.136494	0.026304	0.000000	0.000000	0.000000	0.000000	0.000000	0.025076	0.000000	0.000000
Other Asphalt Surfaces	0.583387	0.056059	0.172680	0.136494	0.026304	0.000000	0.000000	0.000000	0.000000	0.000000	0.025076	0.000000	0.000000
Parking Lot	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Refrigerated Warehouse-Rail	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Unrefrigerated Warehouse-Rail	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,740.3617	1,740.3617	0.0000	0.0000	1,740.3617
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,075.6136	2,075.6136	0.0000	0.0000	2,075.6136
NaturalGas Mitigated	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467
NaturalGas Unmitigated	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0123	677.1432

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	5.97647e+006	0.0322	0.2930	0.2461	1.7600e-003		0.0223	0.0223		0.0223	0.0223	0.0000	318.9274	318.9274	6.1100e-003	5.8500e-003	320.8226
Total		0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0124	677.1432

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	3.91593e+006	0.0211	0.1920	0.1612	1.1500e-003		0.0146	0.0146		0.0146	0.0146	0.0000	208.9689	208.9689	4.0100e-003	3.8300e-003	210.2106
Total		0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	459500	71.9069	0.0000	0.0000	71.9069
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	925890	144.8919	0.0000	0.0000	144.8919
Refrigerated Warehouse-Rail	4.98e+006	779.3171	0.0000	0.0000	779.3171
Unrefrigerated Warehouse-Rail	6.89822e+006	1,079.4978	0.0000	0.0000	1,079.4978
Total		2,075.6136	0.0000	0.0000	2,075.6136

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	347500	54.3801	0.0000	0.0000	54.3801
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	601828	94.1797	0.0000	0.0000	94.1797
Refrigerated Warehouse-Rail	4.83475e+006	756.5870	0.0000	0.0000	756.5870
Unrefrigerated Warehouse-Rail	5.3372e+006	835.2149	0.0000	0.0000	835.2149
Total		1,740.3617	0.0000	0.0000	1,740.3617

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Unmitigated	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.8600e-003	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Total	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6400e-003	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Total	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,375.4599	18.9093	0.4465	1,981.2475
Unmitigated	1,717.6795	23.6367	0.5581	2,474.9140

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	8.88669 / 5.44668	30.3969	0.2896	6.8400e-003	39.6737
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	68.0714	0.9419	0.0222	98.2468
Unrefrigerated Warehouse-Rail	687.592 / 0	1,619.2113	22.4052	0.5290	2,336.9935
Total		1,717.6795	23.6367	0.5581	2,474.9140

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 5.11443	25.6338	0.2317	5.4700e-003	33.0553
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	54.4571	0.7535	0.0178	78.5975
Unrefrigerated Warehouse-Rail	550.073 / 0	1,295.3690	17.9242	0.4232	1,869.5948
Total		1,375.4599	18.9093	0.4465	1,981.2475

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Speedway Commerce Center (Phase 1a Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	150.1610	8.8743	0.0000	372.0176
Unmitigated	600.6442	35.4971	0.0000	1,488.0705

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	2794.97	567.3537	33.5296	0.0000	1,405.5947
Total		600.6442	35.4971	0.0000	1,488.0705

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	698.742	141.8384	8.3824	0.0000	351.3987
Total		150.1610	8.8743	0.0000	372.0176

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Speedway Commerce Center (Phase 1a Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 1a Trucks)(*Mobile Source/Truck Operations Only)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	2,973.37	1000sqft	68.26	2,973,370.00	0
Other Asphalt Surfaces	71.55	Acre	71.55	3,116,718.00	0
Parking Lot	60.73	Acre	60.73	2,645,398.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	345	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor per RPS

Land Use -

Construction Phase - operations only

Off-road Equipment - Anticipated equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Speedway Commerce Center (Phase 1a Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Architectural Coating -

Vehicle Trips - Phase 1a Trucks run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products -

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase 1a trucks run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	300.00	0.00
tblFleetMix	HHD	0.02	0.64
tblFleetMix	HHD	0.02	0.64
tblFleetMix	HHD	0.02	0.64
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1040e-003	0.12
tblFleetMix	LHD2	7.1040e-003	0.12
tblFleetMix	LHD2	7.1040e-003	0.12
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	4.8300e-003	0.00
tblFleetMix	MH	4.8300e-003	0.00
tblFleetMix	MH	4.8300e-003	0.00
tblFleetMix	MHD	0.01	0.24
tblFleetMix	MHD	0.01	0.24
tblFleetMix	MHD	0.01	0.24
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	UBUS	2.5100e-004	0.00
tblFleetMix	UBUS	2.5100e-004	0.00

Speedway Commerce Center (Phase 1a Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	UBUS	2.5100e-004	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	345
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.5573e-008
tblVehicleEF	HHD	8.65	5.33
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1330e-003	1.3424e-003
tblVehicleEF	HHD	1,402.40	830.08
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2094e-005
tblVehicleEF	HHD	7.09	4.03
tblVehicleEF	HHD	2.16	1.75
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.9710e-003	2.1769e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	2.8430e-003	2.0784e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	2.0000e-006	2.9585e-004
tblVehicleEF	HHD	7.3000e-005	7.3658e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-005	7.7386e-005
tblVehicleEF	HHD	1.0000e-006	1.8327e-007
tblVehicleEF	HHD	0.01	7.0812e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5394e-007
tblVehicleEF	HHD	2.0000e-006	2.9585e-004
tblVehicleEF	HHD	7.3000e-005	7.3658e-005
tblVehicleEF	HHD	0.67	0.58
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.0000e-005	7.7386e-005
tblVehicleEF	HHD	1.0000e-006	2.0066e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.3939e-008
tblVehicleEF	HHD	8.54	5.26
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.0000e-003	1.2674e-003
tblVehicleEF	HHD	1,384.98	821.66
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25

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tblVehicleEF	HHD	6.0000e-006	1.1975e-005
tblVehicleEF	HHD	6.75	3.86
tblVehicleEF	HHD	2.04	1.65
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.6190e-003	1.9139e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	2.5050e-003	1.8268e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	5.0000e-006	4.5479e-004
tblVehicleEF	HHD	8.6000e-005	8.1474e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.1000e-005	8.2869e-005
tblVehicleEF	HHD	1.0000e-006	1.7537e-007
tblVehicleEF	HHD	0.01	7.0015e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5277e-007
tblVehicleEF	HHD	5.0000e-006	4.5479e-004
tblVehicleEF	HHD	8.6000e-005	8.1474e-005
tblVehicleEF	HHD	0.71	0.60
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17

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tblVehicleEF	HHD	3.1000e-005	8.2869e-005
tblVehicleEF	HHD	1.0000e-006	1.9201e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.5370e-008
tblVehicleEF	HHD	8.82	5.42
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1040e-003	1.3319e-003
tblVehicleEF	HHD	1,426.46	841.71
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.14
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2058e-005
tblVehicleEF	HHD	7.56	4.27
tblVehicleEF	HHD	2.13	1.72
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	3.4590e-003	2.5400e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	3.3090e-003	2.4258e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	3.0000e-006	3.0380e-004
tblVehicleEF	HHD	8.6000e-005	7.2926e-005

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tblVehicleEF	HHD	0.54	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.2000e-005	8.1228e-005
tblVehicleEF	HHD	1.0000e-006	1.8225e-007
tblVehicleEF	HHD	0.01	7.1914e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5378e-007
tblVehicleEF	HHD	3.0000e-006	3.0380e-004
tblVehicleEF	HHD	8.6000e-005	7.2926e-005
tblVehicleEF	HHD	0.61	0.56
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.2000e-005	8.1228e-005
tblVehicleEF	HHD	1.0000e-006	1.9955e-007
tblVehicleEF	LDA	1.9200e-003	2.1619e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.57	0.71
tblVehicleEF	LDA	2.02	2.77
tblVehicleEF	LDA	246.40	267.38
tblVehicleEF	LDA	50.59	66.67
tblVehicleEF	LDA	4.1400e-003	4.2907e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1532e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003

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tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.0520e-003	7.9892e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.28
tblVehicleEF	LDA	2.4380e-003	2.6432e-003
tblVehicleEF	LDA	5.0100e-004	6.5906e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDA	2.2030e-003	2.2988e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.70	0.95
tblVehicleEF	LDA	1.68	2.32
tblVehicleEF	LDA	269.03	290.04
tblVehicleEF	LDA	49.95	65.83
tblVehicleEF	LDA	3.8800e-003	3.8164e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1532e-003

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tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003
tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	7.9980e-003	8.3868e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.24
tblVehicleEF	LDA	2.6610e-003	2.8671e-003
tblVehicleEF	LDA	4.9400e-004	6.5081e-004
tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	1.8740e-003	2.1440e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.66
tblVehicleEF	LDA	1.98	2.77
tblVehicleEF	LDA	241.10	263.22
tblVehicleEF	LDA	50.53	66.68
tblVehicleEF	LDA	3.9710e-003	4.1796e-003
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1532e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003
tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.8740e-003	7.9256e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	2.3850e-003	2.6020e-003
tblVehicleEF	LDA	5.0000e-004	6.5920e-004
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.9970e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDT1	5.3250e-003	9.1717e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.14	1.98
tblVehicleEF	LDT1	2.25	6.39
tblVehicleEF	LDT1	292.95	340.41

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tblVehicleEF	LDT1	61.63	90.26
tblVehicleEF	LDT1	7.5100e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.10	0.19
tblVehicleEF	LDT1	0.25	0.47
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8990e-003	3.3653e-003
tblVehicleEF	LDT1	6.1000e-004	8.9234e-004
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.38	0.74
tblVehicleEF	LDT1	6.0460e-003	9.7297e-003
tblVehicleEF	LDT1	0.06	0.11

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tblVehicleEF	LDT1	1.39	2.64
tblVehicleEF	LDT1	1.87	5.32
tblVehicleEF	LDT1	316.51	366.96
tblVehicleEF	LDT1	60.83	88.23
tblVehicleEF	LDT1	6.9690e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.24	0.44
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.29	0.58
tblVehicleEF	LDT1	3.1320e-003	3.6277e-003
tblVehicleEF	LDT1	6.0200e-004	8.7220e-004
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.09

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tblVehicleEF	LDT1	0.32	0.64
tblVehicleEF	LDT1	5.2030e-003	9.0926e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.09	1.86
tblVehicleEF	LDT1	2.21	6.41
tblVehicleEF	LDT1	287.37	335.53
tblVehicleEF	LDT1	61.56	90.30
tblVehicleEF	LDT1	7.1990e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.25	0.46
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8440e-003	3.3170e-003
tblVehicleEF	LDT1	6.0900e-004	8.9273e-004
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23

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tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.38	0.75
tblVehicleEF	LDT2	3.4390e-003	3.0533e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.83	0.90
tblVehicleEF	LDT2	2.58	3.45
tblVehicleEF	LDT2	308.59	346.22
tblVehicleEF	LDT2	65.18	86.80
tblVehicleEF	LDT2	6.1800e-003	6.2259e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.26	0.32
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0530e-003	3.4224e-003

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tblVehicleEF	LDT2	6.4500e-004	8.5810e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	3.9290e-003	3.2451e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	1.01	1.21
tblVehicleEF	LDT2	2.14	2.89
tblVehicleEF	LDT2	331.10	370.27
tblVehicleEF	LDT2	64.32	85.74
tblVehicleEF	LDT2	5.7670e-003	5.5489e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.19	0.44
tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.01

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tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.25	0.31
tblVehicleEF	LDT2	3.2760e-003	3.6601e-003
tblVehicleEF	LDT2	6.3600e-004	8.4762e-004
tblVehicleEF	LDT2	0.19	0.44
tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	3.3570e-003	3.0280e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.84
tblVehicleEF	LDT2	2.54	3.46
tblVehicleEF	LDT2	303.26	341.80
tblVehicleEF	LDT2	65.10	86.82
tblVehicleEF	LDT2	5.9260e-003	6.0680e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.09	0.35

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tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0000e-003	3.3787e-003
tblVehicleEF	LDT2	6.4400e-004	8.5832e-004
tblVehicleEF	LDT2	0.09	0.35
tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LHD1	4.6170e-003	5.1496e-003
tblVehicleEF	LHD1	5.3670e-003	3.3293e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.67
tblVehicleEF	LHD1	0.96	1.91
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	366.80
tblVehicleEF	LHD1	10.40	16.42
tblVehicleEF	LHD1	8.6200e-004	7.2706e-004
tblVehicleEF	LHD1	0.04	6.0124e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.26	0.11
tblVehicleEF	LHD1	0.28	0.41
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004

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tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	9.9970e-003	4.7639e-003
tblVehicleEF	LHD1	0.01	7.0315e-004
tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.4990e-003	1.1910e-003
tblVehicleEF	LHD1	9.5440e-003	6.4652e-004
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	3.6262e-003
tblVehicleEF	LHD1	1.0300e-004	1.6236e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.08	0.12
tblVehicleEF	LHD1	4.6320e-003	5.1681e-003
tblVehicleEF	LHD1	5.4860e-003	2.0248e-003
tblVehicleEF	LHD1	0.01	0.02

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tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.73	0.14
tblVehicleEF	LHD1	0.90	1.81
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.83	198.35
tblVehicleEF	LHD1	10.29	16.26
tblVehicleEF	LHD1	8.6400e-004	7.2947e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.18	0.66
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8833e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2208e-003
tblVehicleEF	LHD1	9.5440e-003	0.01
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1720e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.10

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tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	1.8794e-003
tblVehicleEF	LHD1	1.0200e-004	1.6070e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1720e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.6200e-003	5.1517e-003
tblVehicleEF	LHD1	5.3800e-003	2.0248e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.14
tblVehicleEF	LHD1	0.95	1.90
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	198.35
tblVehicleEF	LHD1	10.37	16.41
tblVehicleEF	LHD1	8.6300e-004	7.2774e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.24	0.69
tblVehicleEF	LHD1	0.28	0.40
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8833e-003
tblVehicleEF	LHD1	0.01	0.01

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tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2208e-003
tblVehicleEF	LHD1	9.5440e-003	0.01
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	1.8794e-003
tblVehicleEF	LHD1	1.0300e-004	1.6218e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.12
tblVehicleEF	LHD2	3.1180e-003	3.5197e-003
tblVehicleEF	LHD2	3.5830e-003	1.1547e-003
tblVehicleEF	LHD2	8.3140e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.27
tblVehicleEF	LHD2	0.56	1.20

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tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.46	247.54
tblVehicleEF	LHD2	7.43	10.55
tblVehicleEF	LHD2	1.8200e-003	1.6427e-003
tblVehicleEF	LHD2	0.06	3.3772e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.35	0.05
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8536e-003
tblVehicleEF	LHD2	0.01	3.5384e-004
tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7000e-003	7.1341e-004
tblVehicleEF	LHD2	0.01	3.2535e-004
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.06	5.2733e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	2.4472e-003
tblVehicleEF	LHD2	7.4000e-005	1.0429e-004

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tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.07	7.6947e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1280e-003	3.5323e-003
tblVehicleEF	LHD2	3.6170e-003	2.9068e-003
tblVehicleEF	LHD2	7.9410e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.53	1.14
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.37	10.44
tblVehicleEF	LHD2	1.8210e-003	1.6443e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.27	0.81
tblVehicleEF	LHD2	0.17	0.26
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7461e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.02

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tblVehicleEF	LHD2	2.7000e-003	1.9365e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0325e-004
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1200e-003	3.5211e-003
tblVehicleEF	LHD2	3.5870e-003	2.9068e-003
tblVehicleEF	LHD2	8.2440e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.56	1.20
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.42	10.54

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tblVehicleEF	LHD2	1.8200e-003	1.6432e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.33	0.85
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7461e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7000e-003	1.9365e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0418e-004
tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02

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tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.58
tblVehicleEF	MCY	0.25	0.18
tblVehicleEF	MCY	19.97	0.58
tblVehicleEF	MCY	8.82	7.71
tblVehicleEF	MCY	211.12	0.58
tblVehicleEF	MCY	60.91	48.91
tblVehicleEF	MCY	0.07	0.58
tblVehicleEF	MCY	0.02	8.1994e-003
tblVehicleEF	MCY	1.16	0.58
tblVehicleEF	MCY	0.27	0.14
tblVehicleEF	MCY	0.01	0.58
tblVehicleEF	MCY	4.0000e-003	0.58
tblVehicleEF	MCY	1.8990e-003	0.58
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.58
tblVehicleEF	MCY	1.0000e-003	0.58
tblVehicleEF	MCY	1.7750e-003	0.58
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.21	0.58
tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	1.88	1.31
tblVehicleEF	MCY	2.0890e-003	0.58

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tblVehicleEF	MCY	6.0300e-004	4.8357e-004
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.73	0.58
tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	2.05	1.42
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.22	0.16
tblVehicleEF	MCY	20.11	0.51
tblVehicleEF	MCY	7.97	6.98
tblVehicleEF	MCY	211.15	0.51
tblVehicleEF	MCY	58.66	47.22
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	8.0425e-003
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8990e-003	0.51
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7750e-003	0.51
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	3.14	3.79
tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.16	0.51

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tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.62	1.15
tblVehicleEF	MCY	2.0890e-003	0.51
tblVehicleEF	MCY	5.8000e-004	4.6685e-004
tblVehicleEF	MCY	3.14	3.79
tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.66	0.51
tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.76	1.25
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	19.09	0.57
tblVehicleEF	MCY	8.48	7.60
tblVehicleEF	MCY	209.60	0.57
tblVehicleEF	MCY	60.13	48.67
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	8.2054e-003
tblVehicleEF	MCY	1.12	0.57
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8990e-003	0.57
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.7750e-003	0.57
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	1.70	2.59

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tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.18	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.81	1.29
tblVehicleEF	MCY	2.0740e-003	0.57
tblVehicleEF	MCY	5.9500e-004	4.8113e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.68	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.97	1.40
tblVehicleEF	MDV	4.3590e-003	4.4096e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.93	1.10
tblVehicleEF	MDV	2.97	3.91
tblVehicleEF	MDV	385.79	424.26
tblVehicleEF	MDV	81.00	106.70
tblVehicleEF	MDV	8.5970e-003	9.1892e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003
tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003

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tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.8140e-003	4.1919e-003
tblVehicleEF	MDV	8.0200e-004	1.0549e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.41	0.57
tblVehicleEF	MDV	4.9900e-003	4.6896e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	1.14	1.47
tblVehicleEF	MDV	2.45	3.28
tblVehicleEF	MDV	409.60	449.20
tblVehicleEF	MDV	79.98	105.44
tblVehicleEF	MDV	8.0890e-003	8.2695e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.30	0.42
tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003

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tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	4.0490e-003	4.4385e-003
tblVehicleEF	MDV	7.9200e-004	1.0424e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.49
tblVehicleEF	MDV	4.2510e-003	4.3705e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.88	1.03
tblVehicleEF	MDV	2.92	3.93
tblVehicleEF	MDV	380.15	419.67
tblVehicleEF	MDV	80.92	106.73
tblVehicleEF	MDV	8.2840e-003	8.9755e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.32	0.45

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tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003
tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.7580e-003	4.1466e-003
tblVehicleEF	MDV	8.0100e-004	1.0552e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.41	0.58
tblVehicleEF	MH	9.5080e-003	5.8541e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.8706e-003
tblVehicleEF	MH	2.03	2.33
tblVehicleEF	MH	1,457.66	5.3866e-003
tblVehicleEF	MH	18.29	22.42
tblVehicleEF	MH	0.06	1.3655e-006

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tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.51	1.38
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.4653e-004
tblVehicleEF	MH	0.04	0.14
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	6.2571e-008
tblVehicleEF	MH	0.02	2.1459e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	4.9964e-005
tblVehicleEF	MH	1.8100e-004	2.2164e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.3083e-003
tblVehicleEF	MH	0.02	2.1459e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	9.7710e-003	6.0057e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.18	3.0778e-003
tblVehicleEF	MH	1.86	2.17

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tblVehicleEF	MH	1,457.73	5.3868e-003
tblVehicleEF	MH	18.00	22.14
tblVehicleEF	MH	0.06	1.2720e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.28
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.1530e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.06	6.0134e-008
tblVehicleEF	MH	0.02	2.2364e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	5.3573e-005
tblVehicleEF	MH	1.7800e-004	2.1891e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.08	7.0688e-003
tblVehicleEF	MH	0.02	2.2364e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	9.5320e-003	5.8587e-005

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tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.9519e-003
tblVehicleEF	MH	2.01	2.34
tblVehicleEF	MH	1,457.67	5.3866e-003
tblVehicleEF	MH	18.26	22.43
tblVehicleEF	MH	0.06	1.3361e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.48	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.3760e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	1.21	35.35
tblVehicleEF	MH	0.08	8.37
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	6.1280e-008
tblVehicleEF	MH	0.02	2.2048e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	5.1379e-005
tblVehicleEF	MH	1.8100e-004	2.2172e-004
tblVehicleEF	MH	1.21	35.35
tblVehicleEF	MH	0.08	8.37
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.2758e-003

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tblVehicleEF	MH	0.02	2.2048e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MHD	3.0880e-003	0.02
tblVehicleEF	MHD	1.2060e-003	7.7322e-003
tblVehicleEF	MHD	7.8410e-003	6.3743e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	64.48	160.75
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.77	6.25
tblVehicleEF	MHD	9.3540e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2780e-003	4.4797e-003
tblVehicleEF	MHD	0.35	0.84
tblVehicleEF	MHD	1.01	0.73
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	2.8300e-004	1.4029e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	2.7100e-004	1.3416e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8252e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1200e-004	1.4786e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.7000e-005	6.1764e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8252e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.9410e-003	0.02
tblVehicleEF	MHD	1.2330e-003	7.7618e-003
tblVehicleEF	MHD	7.4810e-003	6.1230e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.17	0.23
tblVehicleEF	MHD	0.80	0.69
tblVehicleEF	MHD	64.29	159.41
tblVehicleEF	MHD	956.24	1,134.11
tblVehicleEF	MHD	7.68	6.18
tblVehicleEF	MHD	9.2940e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1480e-003	4.4067e-003
tblVehicleEF	MHD	0.34	0.81
tblVehicleEF	MHD	0.95	0.69

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tblVehicleEF	MHD	1.75	1.48
tblVehicleEF	MHD	2.4200e-004	1.1931e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	2.3100e-004	1.1409e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2312e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1000e-004	1.4660e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.6000e-005	6.1075e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2312e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	3.3060e-003	0.02

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tblVehicleEF	MHD	1.2080e-003	7.7326e-003
tblVehicleEF	MHD	7.7490e-003	6.3293e-003
tblVehicleEF	MHD	0.40	0.70
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.85	0.72
tblVehicleEF	MHD	64.74	162.59
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.75	6.24
tblVehicleEF	MHD	9.4410e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2350e-003	4.4612e-003
tblVehicleEF	MHD	0.37	0.88
tblVehicleEF	MHD	0.99	0.72
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	3.4100e-004	1.6926e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	3.2600e-004	1.6187e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7948e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.02

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tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1400e-004	1.4959e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.7000e-005	6.1668e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7948e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	OBUS	9.0290e-003	0.02
tblVehicleEF	OBUS	6.3900e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.52
tblVehicleEF	OBUS	0.76	0.91
tblVehicleEF	OBUS	2.60	2.72
tblVehicleEF	OBUS	64.96	72.64
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.19	22.62
tblVehicleEF	OBUS	8.0550e-003	9.6583e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.90	1.09
tblVehicleEF	OBUS	0.66	0.69
tblVehicleEF	OBUS	7.7000e-005	5.7741e-004
tblVehicleEF	OBUS	0.13	0.05

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004
tblVehicleEF	OBUS	7.4000e-005	5.5195e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2000e-004	6.5581e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.1000e-004	2.2365e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	OBUS	9.1020e-003	0.02
tblVehicleEF	OBUS	6.5800e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.49	0.51

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tblVehicleEF	OBUS	0.79	0.93
tblVehicleEF	OBUS	2.38	2.53
tblVehicleEF	OBUS	64.29	72.07
tblVehicleEF	OBUS	1,426.14	1,461.34
tblVehicleEF	OBUS	20.83	22.30
tblVehicleEF	OBUS	7.9570e-003	9.5732e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.22	0.26
tblVehicleEF	OBUS	0.82	1.01
tblVehicleEF	OBUS	0.65	0.67
tblVehicleEF	OBUS	6.8000e-005	4.9265e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004
tblVehicleEF	OBUS	6.6000e-005	4.7086e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.1400e-004	6.5040e-004

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0600e-004	2.2048e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	8.9680e-003	0.02
tblVehicleEF	OBUS	6.4110e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.53
tblVehicleEF	OBUS	0.77	0.92
tblVehicleEF	OBUS	2.58	2.72
tblVehicleEF	OBUS	65.88	73.43
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.16	22.63
tblVehicleEF	OBUS	8.2020e-003	9.7839e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.29
tblVehicleEF	OBUS	0.88	1.07
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	8.9000e-005	6.9446e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004

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tblVehicleEF	OBUS	8.5000e-005	6.6393e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2900e-004	6.6329e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0900e-004	2.2375e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9790e-003	1.34
tblVehicleEF	SBUS	4.3250e-003	6.8405e-003
tblVehicleEF	SBUS	2.05	2.91
tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.57	0.89
tblVehicleEF	SBUS	333.61	269.17

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tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.39	5.44
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.15	0.17
tblVehicleEF	SBUS	3.6030e-003	5.8741e-003
tblVehicleEF	SBUS	3.15	1.14
tblVehicleEF	SBUS	4.52	2.37
tblVehicleEF	SBUS	1.06	0.18
tblVehicleEF	SBUS	3.2820e-003	1.6755e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005
tblVehicleEF	SBUS	3.1400e-003	1.5852e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	7.2900e-004	0.06
tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	3.1720e-003	1.2751e-003
tblVehicleEF	SBUS	0.01	6.8397e-003
tblVehicleEF	SBUS	3.4000e-005	5.3821e-005
tblVehicleEF	SBUS	7.2900e-004	0.06

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tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.51
tblVehicleEF	SBUS	6.0530e-003	1.34
tblVehicleEF	SBUS	3.5770e-003	5.7298e-003
tblVehicleEF	SBUS	2.01	2.90
tblVehicleEF	SBUS	0.52	5.06
tblVehicleEF	SBUS	0.40	0.64
tblVehicleEF	SBUS	340.36	271.88
tblVehicleEF	SBUS	1,098.26	1,227.18
tblVehicleEF	SBUS	3.11	5.03
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.4720e-003	5.6666e-003
tblVehicleEF	SBUS	3.21	1.17
tblVehicleEF	SBUS	4.23	2.22
tblVehicleEF	SBUS	1.06	0.17
tblVehicleEF	SBUS	2.7750e-003	1.4889e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005
tblVehicleEF	SBUS	2.6550e-003	1.4066e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2360e-003	1.3008e-003
tblVehicleEF	SBUS	0.01	6.8400e-003
tblVehicleEF	SBUS	3.1000e-005	4.9768e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9750e-003	1.34
tblVehicleEF	SBUS	4.4250e-003	7.0471e-003
tblVehicleEF	SBUS	2.09	2.92
tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.59	0.93
tblVehicleEF	SBUS	324.30	265.43
tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.42	5.51
tblVehicleEF	SBUS	0.05	0.04

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.6360e-003	5.9461e-003
tblVehicleEF	SBUS	3.08	1.11
tblVehicleEF	SBUS	4.45	2.33
tblVehicleEF	SBUS	1.07	0.18
tblVehicleEF	SBUS	3.9810e-003	1.9332e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005
tblVehicleEF	SBUS	3.8090e-003	1.8317e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	6.8400e-004	0.06
tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0840e-003	1.2397e-003
tblVehicleEF	SBUS	0.01	6.8398e-003
tblVehicleEF	SBUS	3.4000e-005	5.4489e-005
tblVehicleEF	SBUS	6.8400e-004	0.06
tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8121e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.42	1.09
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.41	7.58
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003
tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9384e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	7.9300e-004	5.0875e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6349e-004
tblVehicleEF	UBUS	1.6200e-004	7.4957e-005

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tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9384e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.9300e-004	5.0875e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.01	7.1308e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.16	0.93
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	15.99	7.32
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.38
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003
tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003
tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	7.7900e-004	5.3161e-004

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tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6352e-004
tblVehicleEF	UBUS	1.5800e-004	7.2360e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003
tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.7900e-004	5.3161e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8697e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.36	7.61
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003
tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003

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tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	9.1300e-004	5.2797e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6349e-004
tblVehicleEF	UBUS	1.6200e-004	7.5217e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003
tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	9.1300e-004	5.2797e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CNW_TL	6.90	33.60
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	0.00	39.64

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tblVehicleTrips	ST_TR	2.12	0.59
tblVehicleTrips	ST_TR	1.74	0.59
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	0.00	39.64
tblVehicleTrips	SU_TR	2.12	0.59
tblVehicleTrips	SU_TR	1.74	0.59
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	0.00	39.64
tblVehicleTrips	WD_TR	2.12	0.59
tblVehicleTrips	WD_TR	1.74	0.59

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Energy	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	2,748.7566	2,748.7566	0.0129	0.0123	2,752.7568
Mobile	1.4260	90.2632	45.6430	0.7421	20.8342	1.1528	21.9870	5.5647	1.1025	6.6673	0.0000	74,556.3356	74,556.3356	5.8602	11.3359	78,080.9518
Waste						0.0000	0.0000		0.0000	0.0000	600.6442	0.0000	600.6442	35.4971	0.0000	1,488.0705
Water						0.0000	0.0000		0.0000	0.0000	230.1311	1,487.5484	1,717.6795	23.6367	0.5581	2,474.9140
Total	14.7864	90.8819	46.2042	0.7458	20.8342	1.2000	22.0341	5.5647	1.1497	6.7144	830.7753	78,792.7220	79,623.4973	65.0071	11.9064	84,796.7798

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Energy	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	2,292.8253	2,292.8253	0.0106	0.0101	2,296.1084
Mobile	1.4260	90.2632	45.6430	0.7421	20.8342	1.1528	21.9870	5.5647	1.1025	6.6673	0.0000	74,556.3356	74,556.3356	5.8602	11.3359	78,080.9518
Waste						0.0000	0.0000		0.0000	0.0000	150.1610	0.0000	150.1610	8.8743	0.0000	372.0176
Water						0.0000	0.0000		0.0000	0.0000	184.1049	1,191.3550	1,375.4599	18.9093	0.4465	1,981.2475
Total	14.7720	90.7709	46.0935	0.7451	20.8342	1.1914	22.0256	5.5647	1.1412	6.7059	334.2659	78,040.5598	78,374.8257	33.6545	11.7926	82,730.3714

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.10	0.12	0.24	0.09	0.00	0.71	0.04	0.00	0.74	0.13	59.76	0.95	1.57	48.23	0.96	2.44

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	12/30/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 132.28

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	20,768.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Transit Subsidy

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Employee Vanpool/Shuttle

Provide Ride Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.4260	90.2632	45.6430	0.7421	20.8342	1.1528	21.9870	5.5647	1.1025	6.6673	0.0000	74,556.33 56	74,556.33 56	5.8602	11.3359	78,080.95 18
Unmitigated	1.4260	90.2632	45.6430	0.7421	20.8342	1.1528	21.9870	5.5647	1.1025	6.6673	0.0000	74,556.33 56	74,556.33 56	5.8602	11.3359	78,080.95 18

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	2,836.24	2,836.24	2836.24	34,688,374	34,688,374
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	73.75	73.75	73.75	891,254	891,254
Unrefrigerated Warehouse-Rail	1,754.29	1,754.29	1754.29	21,200,223	21,200,223
Total	4,664.28	4,664.28	4,664.28	56,779,851	56,779,851

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	16.60	8.40	33.60	0.00	0.00	100.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.118984	0.243984	0.637032	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Refrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.118984	0.243984	0.637032	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.118984	0.243984	0.637032	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,740.3617	1,740.3617	0.0000	0.0000	1,740.3617
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,075.6136	2,075.6136	0.0000	0.0000	2,075.6136
Natural Gas Mitigated	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467
Natural Gas Unmitigated	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0123	677.1432

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	5.97647e+006	0.0322	0.2930	0.2461	1.7600e-003		0.0223	0.0223		0.0223	0.0223	0.0000	318.9274	318.9274	6.1100e-003	5.8500e-003	320.8226
Total		0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0124	677.1432

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	3.91593e+006	0.0211	0.1920	0.1612	1.1500e-003		0.0146	0.0146		0.0146	0.0146	0.0000	208.9689	208.9689	4.0100e-003	3.8300e-003	210.2106
Total		0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	459500	71.9069	0.0000	0.0000	71.9069
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	925890	144.8919	0.0000	0.0000	144.8919
Refrigerated Warehouse-Rail	4.98e+006	779.3171	0.0000	0.0000	779.3171
Unrefrigerated Warehouse-Rail	6.89822e+006	1,079.4978	0.0000	0.0000	1,079.4978
Total		2,075.6136	0.0000	0.0000	2,075.6136

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	347500	54.3801	0.0000	0.0000	54.3801
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	601828	94.1797	0.0000	0.0000	94.1797
Refrigerated Warehouse-Rail	4.83475e+006	756.5870	0.0000	0.0000	756.5870
Unrefrigerated Warehouse-Rail	5.3372e+006	835.2149	0.0000	0.0000	835.2149
Total		1,740.3617	0.0000	0.0000	1,740.3617

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Unmitigated	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.8600e-003	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Total	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6400e-003	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Total	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,375.4599	18.9093	0.4465	1,981.2475
Unmitigated	1,717.6795	23.6367	0.5581	2,474.9140

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	8.88669 / 5.44668	30.3969	0.2896	6.8400e-003	39.6737
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	68.0714	0.9419	0.0222	98.2468
Unrefrigerated Warehouse-Rail	687.592 / 0	1,619.2113	22.4052	0.5290	2,336.9935
Total		1,717.6795	23.6367	0.5581	2,474.9140

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 5.11443	25.6338	0.2317	5.4700e-003	33.0553
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	54.4571	0.7535	0.0178	78.5975
Unrefrigerated Warehouse-Rail	550.073 / 0	1,295.3690	17.9242	0.4232	1,869.5948
Total		1,375.4599	18.9093	0.4465	1,981.2475

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	150.1610	8.8743	0.0000	372.0176
Unmitigated	600.6442	35.4971	0.0000	1,488.0705

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	2794.97	567.3537	33.5296	0.0000	1,405.5947
Total		600.6442	35.4971	0.0000	1,488.0705

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	698.742	141.8384	8.3824	0.0000	351.3987
Total		150.1610	8.8743	0.0000	372.0176

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Speedway Commerce Center (Phase 1a Vans) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 1a Vans) (*Mobile Source/Truck Operations Only)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	50.00	1000sqft	1.15	50,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	2,973.37	1000sqft	68.26	2,973,370.00	0
Other Asphalt Surfaces	71.55	Acre	71.55	3,116,718.00	0
Parking Lot	60.73	Acre	60.73	2,645,398.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2024
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	345	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor per RPS

Land Use -

Construction Phase - operations only

Off-road Equipment - Anticipated equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Architectural Coating - Mitigation requires low VOC (10 gr/L)

Vehicle Trips - Phase 1a Vans run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products -

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase 1a vans run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	300.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.1040e-003	1.00
tblFleetMix	MCY	0.03	0.00
tblFleetMix	MDV	0.14	0.00
tblFleetMix	MH	4.8300e-003	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5400e-004	0.00
tblFleetMix	SBUS	9.5400e-004	0.00
tblFleetMix	UBUS	2.5100e-004	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	345
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.5573e-008
tblVehicleEF	HHD	8.65	5.33
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1330e-003	1.3424e-003
tblVehicleEF	HHD	1,402.40	830.08
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2094e-005
tblVehicleEF	HHD	7.09	4.03
tblVehicleEF	HHD	2.16	1.75
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.9710e-003	2.1769e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	2.8430e-003	2.0784e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	2.0000e-006	2.9585e-004
tblVehicleEF	HHD	7.3000e-005	7.3658e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.0000e-005	7.7386e-005
tblVehicleEF	HHD	1.0000e-006	1.8327e-007
tblVehicleEF	HHD	0.01	7.0812e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5394e-007
tblVehicleEF	HHD	2.0000e-006	2.9585e-004
tblVehicleEF	HHD	7.3000e-005	7.3658e-005
tblVehicleEF	HHD	0.67	0.58
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.0000e-005	7.7386e-005
tblVehicleEF	HHD	1.0000e-006	2.0066e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.3939e-008
tblVehicleEF	HHD	8.54	5.26
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.0000e-003	1.2674e-003
tblVehicleEF	HHD	1,384.98	821.66
tblVehicleEF	HHD	1,288.58	1,556.23

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.1975e-005
tblVehicleEF	HHD	6.75	3.86
tblVehicleEF	HHD	2.04	1.65
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	2.6190e-003	1.9139e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	2.5050e-003	1.8268e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	5.0000e-006	4.5479e-004
tblVehicleEF	HHD	8.6000e-005	8.1474e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.1000e-005	8.2869e-005
tblVehicleEF	HHD	1.0000e-006	1.7537e-007
tblVehicleEF	HHD	0.01	7.0015e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5277e-007
tblVehicleEF	HHD	5.0000e-006	4.5479e-004
tblVehicleEF	HHD	8.6000e-005	8.1474e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.71	0.60
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.1000e-005	8.2869e-005
tblVehicleEF	HHD	1.0000e-006	1.9201e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.06	0.15
tblVehicleEF	HHD	0.00	3.5370e-008
tblVehicleEF	HHD	8.82	5.42
tblVehicleEF	HHD	0.33	0.83
tblVehicleEF	HHD	2.1040e-003	1.3319e-003
tblVehicleEF	HHD	1,426.46	841.71
tblVehicleEF	HHD	1,288.58	1,556.23
tblVehicleEF	HHD	0.02	0.03
tblVehicleEF	HHD	0.22	0.14
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	6.0000e-006	1.2058e-005
tblVehicleEF	HHD	7.56	4.27
tblVehicleEF	HHD	2.13	1.72
tblVehicleEF	HHD	2.33	2.63
tblVehicleEF	HHD	3.4590e-003	2.5400e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	0.00	1.1491e-006
tblVehicleEF	HHD	3.3090e-003	2.4258e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9150e-003	8.8039e-003
tblVehicleEF	HHD	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.00	1.0565e-006
tblVehicleEF	HHD	3.0000e-006	3.0380e-004
tblVehicleEF	HHD	8.6000e-005	7.2926e-005
tblVehicleEF	HHD	0.54	0.30
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	3.2000e-005	8.1228e-005
tblVehicleEF	HHD	1.0000e-006	1.8225e-007
tblVehicleEF	HHD	0.01	7.1914e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	2.5378e-007
tblVehicleEF	HHD	3.0000e-006	3.0380e-004
tblVehicleEF	HHD	8.6000e-005	7.2926e-005
tblVehicleEF	HHD	0.61	0.56
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.17
tblVehicleEF	HHD	3.2000e-005	8.1228e-005
tblVehicleEF	HHD	1.0000e-006	1.9955e-007
tblVehicleEF	LDA	1.9200e-003	2.1619e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.57	0.71
tblVehicleEF	LDA	2.02	2.77
tblVehicleEF	LDA	246.40	267.38
tblVehicleEF	LDA	50.59	66.67
tblVehicleEF	LDA	4.1400e-003	4.2907e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1532e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003
tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.0520e-003	7.9892e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.28
tblVehicleEF	LDA	2.4380e-003	2.6432e-003
tblVehicleEF	LDA	5.0100e-004	6.5906e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDA	2.2030e-003	2.2988e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.70	0.95
tblVehicleEF	LDA	1.68	2.32
tblVehicleEF	LDA	269.03	290.04
tblVehicleEF	LDA	49.95	65.83
tblVehicleEF	LDA	3.8800e-003	3.8164e-003
tblVehicleEF	LDA	0.02	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1532e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003
tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	7.9980e-003	8.3868e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.24
tblVehicleEF	LDA	2.6610e-003	2.8671e-003
tblVehicleEF	LDA	4.9400e-004	6.5081e-004
tblVehicleEF	LDA	0.11	0.41
tblVehicleEF	LDA	0.11	0.09
tblVehicleEF	LDA	0.09	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	1.8740e-003	2.1440e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.54	0.66
tblVehicleEF	LDA	1.98	2.77
tblVehicleEF	LDA	241.10	263.22

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	50.53	66.68
tblVehicleEF	LDA	3.9710e-003	4.1796e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.04
tblVehicleEF	LDA	0.16	0.23
tblVehicleEF	LDA	0.04	7.1532e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.3330e-003	1.2369e-003
tblVehicleEF	LDA	1.7020e-003	2.0056e-003
tblVehicleEF	LDA	0.02	2.5036e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.2270e-003	1.1382e-003
tblVehicleEF	LDA	1.5650e-003	1.8441e-003
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.8740e-003	7.9256e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	2.3850e-003	2.6020e-003
tblVehicleEF	LDA	5.0000e-004	6.5920e-004
tblVehicleEF	LDA	0.05	0.32
tblVehicleEF	LDA	0.10	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	9.9970e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.21	0.31
tblVehicleEF	LDT1	5.3250e-003	9.1717e-003
tblVehicleEF	LDT1	0.07	0.13

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tblVehicleEF	LDT1	1.14	1.98
tblVehicleEF	LDT1	2.25	6.39
tblVehicleEF	LDT1	292.95	340.41
tblVehicleEF	LDT1	61.63	90.26
tblVehicleEF	LDT1	7.5100e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.10	0.19
tblVehicleEF	LDT1	0.25	0.47
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8990e-003	3.3653e-003
tblVehicleEF	LDT1	6.1000e-004	8.9234e-004
tblVehicleEF	LDT1	0.16	0.96
tblVehicleEF	LDT1	0.22	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.10	0.09

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tblVehicleEF	LDT1	0.38	0.74
tblVehicleEF	LDT1	6.0460e-003	9.7297e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	1.39	2.64
tblVehicleEF	LDT1	1.87	5.32
tblVehicleEF	LDT1	316.51	366.96
tblVehicleEF	LDT1	60.83	88.23
tblVehicleEF	LDT1	6.9690e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.16
tblVehicleEF	LDT1	0.24	0.44
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25
tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.29	0.58
tblVehicleEF	LDT1	3.1320e-003	3.6277e-003
tblVehicleEF	LDT1	6.0200e-004	8.7220e-004
tblVehicleEF	LDT1	0.33	1.28
tblVehicleEF	LDT1	0.27	0.25

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDT1	0.25	0.00
tblVehicleEF	LDT1	0.04	0.06
tblVehicleEF	LDT1	0.09	0.09
tblVehicleEF	LDT1	0.32	0.64
tblVehicleEF	LDT1	5.2030e-003	9.0926e-003
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	1.09	1.86
tblVehicleEF	LDT1	2.21	6.41
tblVehicleEF	LDT1	287.37	335.53
tblVehicleEF	LDT1	61.56	90.30
tblVehicleEF	LDT1	7.1990e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.09	0.18
tblVehicleEF	LDT1	0.25	0.46
tblVehicleEF	LDT1	0.04	8.8506e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.8800e-003	2.2564e-003
tblVehicleEF	LDT1	2.4490e-003	3.5201e-003
tblVehicleEF	LDT1	0.02	3.0977e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.7290e-003	2.0757e-003
tblVehicleEF	LDT1	2.2520e-003	3.2367e-003
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.35	0.68
tblVehicleEF	LDT1	2.8440e-003	3.3170e-003

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tblVehicleEF	LDT1	6.0900e-004	8.9273e-004
tblVehicleEF	LDT1	0.17	0.96
tblVehicleEF	LDT1	0.25	0.23
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.11	0.09
tblVehicleEF	LDT1	0.38	0.75
tblVehicleEF	LDT2	3.4390e-003	3.0533e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.83	0.90
tblVehicleEF	LDT2	2.58	3.45
tblVehicleEF	LDT2	308.59	346.22
tblVehicleEF	LDT2	65.18	86.80
tblVehicleEF	LDT2	6.1800e-003	6.2259e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.26	0.32
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01

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tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0530e-003	3.4224e-003
tblVehicleEF	LDT2	6.4500e-004	8.5810e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.13	0.09
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LDT2	3.9290e-003	3.2451e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	1.01	1.21
tblVehicleEF	LDT2	2.14	2.89
tblVehicleEF	LDT2	331.10	370.27
tblVehicleEF	LDT2	64.32	85.74
tblVehicleEF	LDT2	5.7670e-003	5.5489e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.19	0.44

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tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.25	0.31
tblVehicleEF	LDT2	3.2760e-003	3.6601e-003
tblVehicleEF	LDT2	6.3600e-004	8.4762e-004
tblVehicleEF	LDT2	0.19	0.44
tblVehicleEF	LDT2	0.16	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	3.3570e-003	3.0280e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.78	0.84
tblVehicleEF	LDT2	2.54	3.46
tblVehicleEF	LDT2	303.26	341.80
tblVehicleEF	LDT2	65.10	86.82
tblVehicleEF	LDT2	5.9260e-003	6.0680e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.07	0.07
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	0.04	8.3555e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.4110e-003	1.3018e-003
tblVehicleEF	LDT2	1.7940e-003	2.0728e-003
tblVehicleEF	LDT2	0.02	2.9244e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

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tblVehicleEF	LDT2	1.2980e-003	1.1975e-003
tblVehicleEF	LDT2	1.6500e-003	1.9059e-003
tblVehicleEF	LDT2	0.09	0.35
tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.0000e-003	3.3787e-003
tblVehicleEF	LDT2	6.4400e-004	8.5832e-004
tblVehicleEF	LDT2	0.09	0.35
tblVehicleEF	LDT2	0.15	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.07	0.03
tblVehicleEF	LDT2	0.32	0.40
tblVehicleEF	LHD1	4.6170e-003	5.1496e-003
tblVehicleEF	LHD1	5.3670e-003	3.3293e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.67
tblVehicleEF	LHD1	0.96	1.91
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	366.80
tblVehicleEF	LHD1	10.40	16.42
tblVehicleEF	LHD1	8.6200e-004	7.2706e-004
tblVehicleEF	LHD1	0.04	6.0124e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06

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tblVehicleEF	LHD1	1.26	0.11
tblVehicleEF	LHD1	0.28	0.41
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	9.9970e-003	4.7639e-003
tblVehicleEF	LHD1	0.01	7.0315e-004
tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.4990e-003	1.1910e-003
tblVehicleEF	LHD1	9.5440e-003	6.4652e-004
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	3.6262e-003
tblVehicleEF	LHD1	1.0300e-004	1.6236e-004
tblVehicleEF	LHD1	2.8470e-003	0.14
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.4060e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.08	0.12

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tblVehicleEF	LHD1	4.6320e-003	5.1681e-003
tblVehicleEF	LHD1	5.4860e-003	2.0248e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.73	0.14
tblVehicleEF	LHD1	0.90	1.81
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.83	198.35
tblVehicleEF	LHD1	10.29	16.26
tblVehicleEF	LHD1	8.6400e-004	7.2947e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.18	0.66
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8833e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2208e-003
tblVehicleEF	LHD1	9.5440e-003	0.01
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.1720e-003	0.00

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tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	1.8794e-003
tblVehicleEF	LHD1	1.0200e-004	1.6070e-004
tblVehicleEF	LHD1	5.6090e-003	0.18
tblVehicleEF	LHD1	0.10	0.04
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.1720e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.6200e-003	5.1517e-003
tblVehicleEF	LHD1	5.3800e-003	2.0248e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.72	0.14
tblVehicleEF	LHD1	0.95	1.90
tblVehicleEF	LHD1	9.21	8.94
tblVehicleEF	LHD1	632.81	198.35
tblVehicleEF	LHD1	10.37	16.41
tblVehicleEF	LHD1	8.6300e-004	7.2774e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.08	0.06
tblVehicleEF	LHD1	1.24	0.69
tblVehicleEF	LHD1	0.28	0.40
tblVehicleEF	LHD1	9.7300e-004	7.8313e-004

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tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	9.9970e-003	4.8833e-003
tblVehicleEF	LHD1	0.01	0.01
tblVehicleEF	LHD1	2.4100e-004	2.3021e-004
tblVehicleEF	LHD1	9.3100e-004	7.4926e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.4990e-003	1.2208e-003
tblVehicleEF	LHD1	9.5440e-003	0.01
tblVehicleEF	LHD1	2.2100e-004	2.1167e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	8.9000e-005	8.6798e-005
tblVehicleEF	LHD1	6.1580e-003	1.8794e-003
tblVehicleEF	LHD1	1.0300e-004	1.6218e-004
tblVehicleEF	LHD1	3.1080e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3850e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.24	0.07
tblVehicleEF	LHD1	0.07	0.12
tblVehicleEF	LHD2	3.1180e-003	3.5197e-003
tblVehicleEF	LHD2	3.5830e-003	1.1547e-003
tblVehicleEF	LHD2	8.3140e-003	0.01

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tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.27
tblVehicleEF	LHD2	0.56	1.20
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.46	247.54
tblVehicleEF	LHD2	7.43	10.55
tblVehicleEF	LHD2	1.8200e-003	1.6427e-003
tblVehicleEF	LHD2	0.06	3.3772e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.35	0.05
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8536e-003
tblVehicleEF	LHD2	0.01	3.5384e-004
tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7000e-003	7.1341e-004
tblVehicleEF	LHD2	0.01	3.2535e-004
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.06	5.2733e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07

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tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	2.4472e-003
tblVehicleEF	LHD2	7.4000e-005	1.0429e-004
tblVehicleEF	LHD2	1.3970e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.4400e-004	0.00
tblVehicleEF	LHD2	0.07	7.6947e-003
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1280e-003	3.5323e-003
tblVehicleEF	LHD2	3.6170e-003	2.9068e-003
tblVehicleEF	LHD2	7.9410e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.53	1.14
tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.37	10.44
tblVehicleEF	LHD2	1.8210e-003	1.6443e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.27	0.81
tblVehicleEF	LHD2	0.17	0.26
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7461e-003
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7000e-003	1.9365e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0325e-004
tblVehicleEF	LHD2	2.7020e-003	0.11
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.6140e-003	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.1200e-003	3.5211e-003
tblVehicleEF	LHD2	3.5870e-003	2.9068e-003
tblVehicleEF	LHD2	8.2440e-003	0.01
tblVehicleEF	LHD2	0.14	0.15
tblVehicleEF	LHD2	0.47	0.17
tblVehicleEF	LHD2	0.56	1.20

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tblVehicleEF	LHD2	14.36	13.76
tblVehicleEF	LHD2	633.47	376.65
tblVehicleEF	LHD2	7.42	10.54
tblVehicleEF	LHD2	1.8200e-003	1.6432e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.11	0.09
tblVehicleEF	LHD2	1.33	0.85
tblVehicleEF	LHD2	0.18	0.27
tblVehicleEF	LHD2	1.4280e-003	1.2805e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.7461e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1500e-004	1.0730e-004
tblVehicleEF	LHD2	1.3660e-003	1.2251e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7000e-003	1.9365e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.0600e-004	9.8656e-005
tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	1.3700e-004	1.3193e-004
tblVehicleEF	LHD2	6.1090e-003	3.5690e-003
tblVehicleEF	LHD2	7.3000e-005	1.0418e-004

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tblVehicleEF	LHD2	1.4360e-003	0.08
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2400e-004	0.00
tblVehicleEF	LHD2	0.07	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.58
tblVehicleEF	MCY	0.25	0.18
tblVehicleEF	MCY	19.97	0.58
tblVehicleEF	MCY	8.82	7.71
tblVehicleEF	MCY	211.12	0.58
tblVehicleEF	MCY	60.91	48.91
tblVehicleEF	MCY	0.07	0.58
tblVehicleEF	MCY	0.02	8.1994e-003
tblVehicleEF	MCY	1.16	0.58
tblVehicleEF	MCY	0.27	0.14
tblVehicleEF	MCY	0.01	0.58
tblVehicleEF	MCY	4.0000e-003	0.58
tblVehicleEF	MCY	1.8990e-003	0.58
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.58
tblVehicleEF	MCY	1.0000e-003	0.58
tblVehicleEF	MCY	1.7750e-003	0.58
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.21	0.58

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tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	1.88	1.31
tblVehicleEF	MCY	2.0890e-003	0.58
tblVehicleEF	MCY	6.0300e-004	4.8357e-004
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.73	0.58
tblVehicleEF	MCY	0.41	0.58
tblVehicleEF	MCY	2.05	1.42
tblVehicleEF	MCY	0.32	0.51
tblVehicleEF	MCY	0.22	0.16
tblVehicleEF	MCY	20.11	0.51
tblVehicleEF	MCY	7.97	6.98
tblVehicleEF	MCY	211.15	0.51
tblVehicleEF	MCY	58.66	47.22
tblVehicleEF	MCY	0.06	0.51
tblVehicleEF	MCY	0.01	8.0425e-003
tblVehicleEF	MCY	0.98	0.51
tblVehicleEF	MCY	0.25	0.13
tblVehicleEF	MCY	0.01	0.51
tblVehicleEF	MCY	4.0000e-003	0.51
tblVehicleEF	MCY	1.8990e-003	0.51
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.51
tblVehicleEF	MCY	1.0000e-003	0.51
tblVehicleEF	MCY	1.7750e-003	0.51
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	3.14	3.79

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tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.16	0.51
tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.62	1.15
tblVehicleEF	MCY	2.0890e-003	0.51
tblVehicleEF	MCY	5.8000e-004	4.6685e-004
tblVehicleEF	MCY	3.14	3.79
tblVehicleEF	MCY	1.27	3.76
tblVehicleEF	MCY	2.10	0.00
tblVehicleEF	MCY	2.66	0.51
tblVehicleEF	MCY	0.41	0.51
tblVehicleEF	MCY	1.76	1.25
tblVehicleEF	MCY	0.32	0.57
tblVehicleEF	MCY	0.24	0.18
tblVehicleEF	MCY	19.09	0.57
tblVehicleEF	MCY	8.48	7.60
tblVehicleEF	MCY	209.60	0.57
tblVehicleEF	MCY	60.13	48.67
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	8.2054e-003
tblVehicleEF	MCY	1.12	0.57
tblVehicleEF	MCY	0.26	0.14
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.8990e-003	0.57
tblVehicleEF	MCY	2.8290e-003	3.2780e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57

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tblVehicleEF	MCY	1.7750e-003	0.57
tblVehicleEF	MCY	2.6600e-003	3.0802e-003
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.18	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.81	1.29
tblVehicleEF	MCY	2.0740e-003	0.57
tblVehicleEF	MCY	5.9500e-004	4.8113e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.10	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.68	0.57
tblVehicleEF	MCY	0.47	0.57
tblVehicleEF	MCY	1.97	1.40
tblVehicleEF	MDV	4.3590e-003	4.4096e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.93	1.10
tblVehicleEF	MDV	2.97	3.91
tblVehicleEF	MDV	385.79	424.26
tblVehicleEF	MDV	81.00	106.70
tblVehicleEF	MDV	8.5970e-003	9.1892e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.09	0.11
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003

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tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.8140e-003	4.1919e-003
tblVehicleEF	MDV	8.0200e-004	1.0549e-003
tblVehicleEF	MDV	0.11	0.46
tblVehicleEF	MDV	0.16	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.41	0.57
tblVehicleEF	MDV	4.9900e-003	4.6896e-003
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	1.14	1.47
tblVehicleEF	MDV	2.45	3.28
tblVehicleEF	MDV	409.60	449.20
tblVehicleEF	MDV	79.98	105.44
tblVehicleEF	MDV	8.0890e-003	8.2695e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.30	0.42

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tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003
tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	4.0490e-003	4.4385e-003
tblVehicleEF	MDV	7.9200e-004	1.0424e-003
tblVehicleEF	MDV	0.22	0.58
tblVehicleEF	MDV	0.18	0.12
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.49
tblVehicleEF	MDV	4.2510e-003	4.3705e-003
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.88	1.03
tblVehicleEF	MDV	2.92	3.93
tblVehicleEF	MDV	380.15	419.67
tblVehicleEF	MDV	80.92	106.73
tblVehicleEF	MDV	8.2840e-003	8.9755e-003

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tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.11
tblVehicleEF	MDV	0.32	0.45
tblVehicleEF	MDV	0.04	8.6194e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4890e-003	1.4366e-003
tblVehicleEF	MDV	1.8380e-003	2.2018e-003
tblVehicleEF	MDV	0.02	3.0168e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3740e-003	1.3250e-003
tblVehicleEF	MDV	1.6900e-003	2.0246e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MDV	3.7580e-003	4.1466e-003
tblVehicleEF	MDV	8.0100e-004	1.0552e-003
tblVehicleEF	MDV	0.11	0.47
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.03	0.03
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.41	0.58
tblVehicleEF	MH	9.5080e-003	5.8541e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.8706e-003
tblVehicleEF	MH	2.03	2.33

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tblVehicleEF	MH	1,457.66	5.3866e-003
tblVehicleEF	MH	18.29	22.42
tblVehicleEF	MH	0.06	1.3655e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.51	1.38
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.4653e-004
tblVehicleEF	MH	0.04	0.14
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	6.2571e-008
tblVehicleEF	MH	0.02	2.1459e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	4.9964e-005
tblVehicleEF	MH	1.8100e-004	2.2164e-004
tblVehicleEF	MH	1.05	35.26
tblVehicleEF	MH	0.06	8.42
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.3083e-003
tblVehicleEF	MH	0.02	2.1459e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MH	9.7710e-003	6.0057e-005

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tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.18	3.0778e-003
tblVehicleEF	MH	1.86	2.17
tblVehicleEF	MH	1,457.73	5.3868e-003
tblVehicleEF	MH	18.00	22.14
tblVehicleEF	MH	0.06	1.2720e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.39	1.28
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.1530e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.06	6.0134e-008
tblVehicleEF	MH	0.02	2.2364e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	5.3573e-005
tblVehicleEF	MH	1.7800e-004	2.1891e-004
tblVehicleEF	MH	2.08	46.19
tblVehicleEF	MH	0.08	9.14
tblVehicleEF	MH	0.89	0.00
tblVehicleEF	MH	0.08	7.0688e-003

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tblVehicleEF	MH	0.02	2.2364e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	9.5320e-003	5.8587e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.14	2.9519e-003
tblVehicleEF	MH	2.01	2.34
tblVehicleEF	MH	1,457.67	5.3866e-003
tblVehicleEF	MH	18.26	22.43
tblVehicleEF	MH	0.06	1.3361e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.48	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.9698e-011
tblVehicleEF	MH	0.04	3.3082e-009
tblVehicleEF	MH	2.4000e-004	2.7295e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2880e-003	5.3760e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.2100e-004	2.5097e-004
tblVehicleEF	MH	1.21	35.35
tblVehicleEF	MH	0.08	8.37
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.06	6.1280e-008
tblVehicleEF	MH	0.02	2.2048e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	0.01	5.1379e-005
tblVehicleEF	MH	1.8100e-004	2.2172e-004
tblVehicleEF	MH	1.21	35.35

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tblVehicleEF	MH	0.08	8.37
tblVehicleEF	MH	0.38	0.00
tblVehicleEF	MH	0.08	6.2758e-003
tblVehicleEF	MH	0.02	2.2048e-003
tblVehicleEF	MH	0.10	0.12
tblVehicleEF	MHD	3.0880e-003	0.02
tblVehicleEF	MHD	1.2060e-003	7.7322e-003
tblVehicleEF	MHD	7.8410e-003	6.3743e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.86	0.73
tblVehicleEF	MHD	64.48	160.75
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.77	6.25
tblVehicleEF	MHD	9.3540e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2780e-003	4.4797e-003
tblVehicleEF	MHD	0.35	0.84
tblVehicleEF	MHD	1.01	0.73
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	2.8300e-004	1.4029e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	2.7100e-004	1.3416e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003

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tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8252e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1200e-004	1.4786e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.7000e-005	6.1764e-005
tblVehicleEF	MHD	4.8600e-004	0.02
tblVehicleEF	MHD	0.02	4.8252e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5600e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	2.9410e-003	0.02
tblVehicleEF	MHD	1.2330e-003	7.7618e-003
tblVehicleEF	MHD	7.4810e-003	6.1230e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.17	0.23
tblVehicleEF	MHD	0.80	0.69
tblVehicleEF	MHD	64.29	159.41
tblVehicleEF	MHD	956.24	1,134.11
tblVehicleEF	MHD	7.68	6.18
tblVehicleEF	MHD	9.2940e-003	0.02
tblVehicleEF	MHD	0.12	0.15

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tblVehicleEF	MHD	6.1480e-003	4.4067e-003
tblVehicleEF	MHD	0.34	0.81
tblVehicleEF	MHD	0.95	0.69
tblVehicleEF	MHD	1.75	1.48
tblVehicleEF	MHD	2.4200e-004	1.1931e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	2.3100e-004	1.1409e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2312e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1000e-004	1.4660e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.6000e-005	6.1075e-005
tblVehicleEF	MHD	9.5400e-004	0.03
tblVehicleEF	MHD	0.02	5.2312e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.7800e-004	0.00
tblVehicleEF	MHD	0.01	0.03

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	MHD	3.3060e-003	0.02
tblVehicleEF	MHD	1.2080e-003	7.7326e-003
tblVehicleEF	MHD	7.7490e-003	6.3293e-003
tblVehicleEF	MHD	0.40	0.70
tblVehicleEF	MHD	0.16	0.23
tblVehicleEF	MHD	0.85	0.72
tblVehicleEF	MHD	64.74	162.59
tblVehicleEF	MHD	956.24	1,134.10
tblVehicleEF	MHD	7.75	6.24
tblVehicleEF	MHD	9.4410e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.2350e-003	4.4612e-003
tblVehicleEF	MHD	0.37	0.88
tblVehicleEF	MHD	0.99	0.72
tblVehicleEF	MHD	1.76	1.48
tblVehicleEF	MHD	3.4100e-004	1.6926e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.5800e-003	9.1062e-003
tblVehicleEF	MHD	9.0000e-005	6.9860e-005
tblVehicleEF	MHD	3.2600e-004	1.6187e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.2480e-003	8.7080e-003
tblVehicleEF	MHD	8.3000e-005	6.4234e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7948e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.1400e-004	1.4959e-003
tblVehicleEF	MHD	9.1120e-003	0.01
tblVehicleEF	MHD	7.7000e-005	6.1668e-005
tblVehicleEF	MHD	5.1400e-004	0.02
tblVehicleEF	MHD	0.02	4.7948e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.5000e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.04
tblVehicleEF	OBUS	9.0290e-003	0.02
tblVehicleEF	OBUS	6.3900e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.52
tblVehicleEF	OBUS	0.76	0.91
tblVehicleEF	OBUS	2.60	2.72
tblVehicleEF	OBUS	64.96	72.64
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.19	22.62
tblVehicleEF	OBUS	8.0550e-003	9.6583e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.90	1.09

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tblVehicleEF	OBUS	0.66	0.69
tblVehicleEF	OBUS	7.7000e-005	5.7741e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004
tblVehicleEF	OBUS	7.4000e-005	5.5195e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2000e-004	6.5581e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.1000e-004	2.2365e-004
tblVehicleEF	OBUS	2.7750e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1530e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	OBUS	9.1020e-003	0.02

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tblVehicleEF	OBUS	6.5800e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.49	0.51
tblVehicleEF	OBUS	0.79	0.93
tblVehicleEF	OBUS	2.38	2.53
tblVehicleEF	OBUS	64.29	72.07
tblVehicleEF	OBUS	1,426.14	1,461.34
tblVehicleEF	OBUS	20.83	22.30
tblVehicleEF	OBUS	7.9570e-003	9.5732e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.22	0.26
tblVehicleEF	OBUS	0.82	1.01
tblVehicleEF	OBUS	0.65	0.67
tblVehicleEF	OBUS	6.8000e-005	4.9265e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004
tblVehicleEF	OBUS	6.6000e-005	4.7086e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.03	0.06

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tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.1400e-004	6.5040e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0600e-004	2.2048e-004
tblVehicleEF	OBUS	5.3940e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6310e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	8.9680e-003	0.02
tblVehicleEF	OBUS	6.4110e-003	0.04
tblVehicleEF	OBUS	0.02	0.03
tblVehicleEF	OBUS	0.50	0.53
tblVehicleEF	OBUS	0.77	0.92
tblVehicleEF	OBUS	2.58	2.72
tblVehicleEF	OBUS	65.88	73.43
tblVehicleEF	OBUS	1,426.10	1,461.31
tblVehicleEF	OBUS	21.16	22.63
tblVehicleEF	OBUS	8.2020e-003	9.7839e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.29
tblVehicleEF	OBUS	0.88	1.07
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	8.9000e-005	6.9446e-004
tblVehicleEF	OBUS	0.13	0.05

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3040e-003	0.02
tblVehicleEF	OBUS	2.3600e-004	2.4090e-004
tblVehicleEF	OBUS	8.5000e-005	6.6393e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0110e-003	0.02
tblVehicleEF	OBUS	2.1700e-004	2.2150e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.03	0.06
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.2900e-004	6.6329e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0900e-004	2.2375e-004
tblVehicleEF	OBUS	2.9560e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1590e-003	0.00
tblVehicleEF	OBUS	0.05	0.11
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.14	0.15
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9790e-003	1.34
tblVehicleEF	SBUS	4.3250e-003	6.8405e-003
tblVehicleEF	SBUS	2.05	2.91

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tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.57	0.89
tblVehicleEF	SBUS	333.61	269.17
tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.39	5.44
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.15	0.17
tblVehicleEF	SBUS	3.6030e-003	5.8741e-003
tblVehicleEF	SBUS	3.15	1.14
tblVehicleEF	SBUS	4.52	2.37
tblVehicleEF	SBUS	1.06	0.18
tblVehicleEF	SBUS	3.2820e-003	1.6755e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005
tblVehicleEF	SBUS	3.1400e-003	1.5852e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	7.2900e-004	0.06
tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	3.1720e-003	1.2751e-003

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tblVehicleEF	SBUS	0.01	6.8397e-003
tblVehicleEF	SBUS	3.4000e-005	5.3821e-005
tblVehicleEF	SBUS	7.2900e-004	0.06
tblVehicleEF	SBUS	5.5220e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.4790e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.51
tblVehicleEF	SBUS	6.0530e-003	1.34
tblVehicleEF	SBUS	3.5770e-003	5.7298e-003
tblVehicleEF	SBUS	2.01	2.90
tblVehicleEF	SBUS	0.52	5.06
tblVehicleEF	SBUS	0.40	0.64
tblVehicleEF	SBUS	340.36	271.88
tblVehicleEF	SBUS	1,098.26	1,227.18
tblVehicleEF	SBUS	3.11	5.03
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.4720e-003	5.6666e-003
tblVehicleEF	SBUS	3.21	1.17
tblVehicleEF	SBUS	4.23	2.22
tblVehicleEF	SBUS	1.06	0.17
tblVehicleEF	SBUS	2.7750e-003	1.4889e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005

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tblVehicleEF	SBUS	2.6550e-003	1.4066e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2360e-003	1.3008e-003
tblVehicleEF	SBUS	0.01	6.8400e-003
tblVehicleEF	SBUS	3.1000e-005	4.9768e-005
tblVehicleEF	SBUS	1.3160e-003	0.08
tblVehicleEF	SBUS	5.7640e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	7.0300e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	8.6820e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.04	0.51
tblVehicleEF	SBUS	5.9750e-003	1.34
tblVehicleEF	SBUS	4.4250e-003	7.0471e-003
tblVehicleEF	SBUS	2.09	2.92
tblVehicleEF	SBUS	0.51	5.05
tblVehicleEF	SBUS	0.59	0.93
tblVehicleEF	SBUS	324.30	265.43

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tblVehicleEF	SBUS	1,098.25	1,227.15
tblVehicleEF	SBUS	3.42	5.51
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.6360e-003	5.9461e-003
tblVehicleEF	SBUS	3.08	1.11
tblVehicleEF	SBUS	4.45	2.33
tblVehicleEF	SBUS	1.07	0.18
tblVehicleEF	SBUS	3.9810e-003	1.9332e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.01
tblVehicleEF	SBUS	3.3000e-005	5.2906e-005
tblVehicleEF	SBUS	3.8090e-003	1.8317e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7500e-003	2.5589e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.0000e-005	4.8645e-005
tblVehicleEF	SBUS	6.8400e-004	0.06
tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.21	0.27
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.09	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0840e-003	1.2397e-003
tblVehicleEF	SBUS	0.01	6.8398e-003
tblVehicleEF	SBUS	3.4000e-005	5.4489e-005
tblVehicleEF	SBUS	6.8400e-004	0.06

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tblVehicleEF	SBUS	5.6560e-003	0.01
tblVehicleEF	SBUS	0.30	0.84
tblVehicleEF	SBUS	3.6500e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8121e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.42	1.09
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.41	7.58
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003
tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9384e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	7.9300e-004	5.0875e-004

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tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6349e-004
tblVehicleEF	UBUS	1.6200e-004	7.4957e-005
tblVehicleEF	UBUS	1.0010e-003	0.02
tblVehicleEF	UBUS	6.9600e-003	4.9384e-003
tblVehicleEF	UBUS	5.6300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.9300e-004	5.0875e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.01	7.1308e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.16	0.93
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	15.99	7.32
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.38
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003
tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003

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tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	7.7900e-004	5.3161e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6352e-004
tblVehicleEF	UBUS	1.5800e-004	7.2360e-005
tblVehicleEF	UBUS	1.9290e-003	0.03
tblVehicleEF	UBUS	9.1640e-003	5.3960e-003
tblVehicleEF	UBUS	1.3450e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	7.7900e-004	5.3161e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8697e-003
tblVehicleEF	UBUS	32.79	27.99
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.93	1,626.34
tblVehicleEF	UBUS	16.36	7.61
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7160e-003	1.7176e-003
tblVehicleEF	UBUS	2.1400e-004	3.9572e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5810e-003	1.6377e-003

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tblVehicleEF	UBUS	1.9700e-004	3.6385e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003
tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	9.1300e-004	5.2797e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7420e-003	9.6349e-004
tblVehicleEF	UBUS	1.6200e-004	7.5217e-005
tblVehicleEF	UBUS	1.0890e-003	0.02
tblVehicleEF	UBUS	8.1120e-003	4.9030e-003
tblVehicleEF	UBUS	5.5900e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	9.1300e-004	5.2797e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	ST_TR	2.21	94.14
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	0.70	94.14
tblVehicleTrips	SU_TR	2.12	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	9.74	94.14
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Energy	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	2,748.7566	2,748.7566	0.0129	0.0123	2,752.7568
Mobile	0.5277	1.7851	8.0807	0.0504	5.6109	9.8400e-003	5.6207	1.4465	9.1400e-003	1.4557	0.0000	4,625.5258	4,625.5258	0.0510	0.1015	4,657.0358
Waste						0.0000	0.0000		0.0000	0.0000	600.6442	0.0000	600.6442	35.4971	0.0000	1,488.0705
Water						0.0000	0.0000		0.0000	0.0000	230.1311	1,487.5484	1,717.6795	23.6367	0.5581	2,474.9140
Total	13.8881	2.4038	8.6419	0.0541	5.6109	0.0570	5.6679	1.4465	0.0563	1.5028	830.7753	8,861.9123	9,692.6876	59.1978	0.6719	11,372.8639

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Energy	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	2,292.8253	2,292.8253	0.0106	0.0101	2,296.1084
Mobile	0.5264	1.7721	8.0155	0.0498	5.5448	9.7600e-003	5.5546	1.4295	9.0600e-003	1.4385	0.0000	4,571.5429	4,571.5429	0.0507	0.1007	4,602.8272
Waste						0.0000	0.0000		0.0000	0.0000	150.1610	0.0000	150.1610	8.8743	0.0000	372.0176
Water						0.0000	0.0000		0.0000	0.0000	184.1049	1,191.3550	1,375.4599	18.9093	0.4465	1,981.2475
Total	13.8724	2.2798	8.4661	0.0529	5.5448	0.0484	5.5932	1.4295	0.0477	1.4772	334.2659	8,055.7672	8,390.0331	27.8450	0.5574	9,252.2468

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.11	5.16	2.03	2.33	1.18	15.08	1.32	1.18	15.26	1.70	59.76	9.10	13.44	52.96	17.05	18.65

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2023	12/30/2022	5	0	

Acres of Grading (Site Preparation Phase): 0

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Grading Phase): 0

Acres of Paving: 132.28

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Transit Subsidy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Employee Vanpool/Shuttle

Provide Ride Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5264	1.7721	8.0155	0.0498	5.5448	9.7600e-003	5.5546	1.4295	9.0600e-003	1.4385	0.0000	4,571.5429	4,571.5429	0.0507	0.1007	4,602.8272
Unmitigated	0.5277	1.7851	8.0807	0.0504	5.6109	9.8400e-003	5.6207	1.4465	9.1400e-003	1.4557	0.0000	4,625.5258	4,625.5258	0.0510	0.1015	4,657.0358

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	4,707.00	4,707.00	4707.00	18,540,139	18,321,800
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	4,707.00	4,707.00	4,707.00	18,540,139	18,321,800

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Parking Lot	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Refrigerated Warehouse-Rail	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830
Unrefrigerated Warehouse-Rail	0.540566	0.056059	0.172680	0.136494	0.026304	0.007104	0.011680	0.017449	0.000554	0.000251	0.025076	0.000954	0.004830

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,740.3617	1,740.3617	0.0000	0.0000	1,740.3617
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,075.6136	2,075.6136	0.0000	0.0000	2,075.6136
Natural Gas Mitigated	0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467
Natural Gas Unmitigated	0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0123	677.1432

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	171500	9.2000e-004	8.4100e-003	7.0600e-003	5.0000e-005		6.4000e-004	6.4000e-004		6.4000e-004	6.4000e-004	0.0000	9.1519	9.1519	1.8000e-004	1.7000e-004	9.2063
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	5.97647e+006	0.0322	0.2930	0.2461	1.7600e-003		0.0223	0.0223		0.0223	0.0223	0.0000	318.9274	318.9274	6.1100e-003	5.8500e-003	320.8226
Total		0.0680	0.6183	0.5194	3.7100e-003		0.0470	0.0470		0.0470	0.0470	0.0000	673.1430	673.1430	0.0129	0.0124	677.1432

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	111475	6.0000e-004	5.4600e-003	4.5900e-003	3.0000e-005		4.2000e-004	4.2000e-004		4.2000e-004	4.2000e-004	0.0000	5.9487	5.9487	1.1000e-004	1.1000e-004	5.9841
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	3.91593e+006	0.0211	0.1920	0.1612	1.1500e-003		0.0146	0.0146		0.0146	0.0146	0.0000	208.9689	208.9689	4.0100e-003	3.8300e-003	210.2106
Total		0.0558	0.5075	0.4263	3.0400e-003		0.0386	0.0386		0.0386	0.0386	0.0000	552.4637	552.4637	0.0106	0.0101	555.7467

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	459500	71.9069	0.0000	0.0000	71.9069
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	925890	144.8919	0.0000	0.0000	144.8919
Refrigerated Warehouse-Rail	4.98e+006	779.3171	0.0000	0.0000	779.3171
Unrefrigerated Warehouse-Rail	6.89822e+006	1,079.4978	0.0000	0.0000	1,079.4978
Total		2,075.6136	0.0000	0.0000	2,075.6136

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	347500	54.3801	0.0000	0.0000	54.3801
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	601828	94.1797	0.0000	0.0000	94.1797
Refrigerated Warehouse-Rail	4.83475e+006	756.5870	0.0000	0.0000	756.5870
Unrefrigerated Warehouse-Rail	5.3372e+006	835.2149	0.0000	0.0000	835.2149
Total		1,740.3617	0.0000	0.0000	1,740.3617

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Unmitigated	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.8600e-003	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867
Total	13.2924	3.8000e-004	0.0418	0.0000		1.5000e-004	1.5000e-004		1.5000e-004	1.5000e-004	0.0000	0.0814	0.0814	2.1000e-004	0.0000	0.0867

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	1.5394					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	11.7491					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.6400e-003	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461
Total	13.2901	2.1000e-004	0.0242	0.0000		6.0000e-005	6.0000e-005		6.0000e-005	6.0000e-005	0.0000	0.0439	0.0439	9.0000e-005	0.0000	0.0461

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Speedway Commerce Center (Phase 1a Vans) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	1,375.4599	18.9093	0.4465	1,981.2475
Unmitigated	1,717.6795	23.6367	0.5581	2,474.9140

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	8.88669 / 5.44668	30.3969	0.2896	6.8400e-003	39.6737
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	68.0714	0.9419	0.0222	98.2468
Unrefrigerated Warehouse-Rail	687.592 / 0	1,619.2113	22.4052	0.5290	2,336.9935
Total		1,717.6795	23.6367	0.5581	2,474.9140

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 5.11443	25.6338	0.2317	5.4700e-003	33.0553
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	54.4571	0.7535	0.0178	78.5975
Unrefrigerated Warehouse-Rail	550.073 / 0	1,295.3690	17.9242	0.4232	1,869.5948
Total		1,375.4599	18.9093	0.4465	1,981.2475

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Speedway Commerce Center (Phase 1a Vans) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	150.1610	8.8743	0.0000	372.0176
Unmitigated	600.6442	35.4971	0.0000	1,488.0705

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	46.5	9.4391	0.5578	0.0000	23.3849
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	2794.97	567.3537	33.5296	0.0000	1,405.5947
Total		600.6442	35.4971	0.0000	1,488.0705

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	11.625	2.3598	0.1395	0.0000	5.8462
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	698.742	141.8384	8.3824	0.0000	351.3987
Total		150.1610	8.8743	0.0000	372.0176

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Speedway Commerce Center (Phase 1b Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Speedway Commerce Center (Phase 1b Passenger Cars) (*Includes Construction)

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	1,735.30	1000sqft	39.84	1,735,300.00	0
Other Asphalt Surfaces	61.66	Acre	61.66	2,685,909.60	0
Parking Lot	36.46	Acre	36.46	1,588,197.60	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	335	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 Factor adjusted per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Off-road Equipment - Per construction equipment list

Off-road Equipment -

Off-road Equipment - Per construction equipment list

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - Per Construction equipment list

Off-road Equipment - anticipated construction equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Vehicle Trips - Phase 1b passenger cars run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase 1b passenger cars run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	36.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	63.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	200.00	110.00
tblConstructionPhase	NumDays	120.00	110.00
tblConstructionPhase	NumDays	310.00	64.00
tblConstructionPhase	NumDays	3,100.00	88.00
tblConstructionPhase	NumDays	220.00	85.00
tblConstructionPhase	NumDays	220.00	85.00
tblFleetMix	HHD	0.02	0.00

Speedway Commerce Center (Phase 1b Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.59
tblFleetMix	LDA	0.54	0.59
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	LHD2	7.0090e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblGrading	MaterialExported	0.00	426,541.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	36.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	16.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	14.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblOffRoadEquipment	UsageHours	7.00	8.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	335
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	0.00	14,594.00
tblTripsAndVMT	HaulingTripNumber	0.00	6,388.00
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.4052e-008
tblVehicleEF	HHD	8.64	5.29
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1350e-003	1.0677e-003
tblVehicleEF	HHD	1,377.00	811.82
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.2142e-006
tblVehicleEF	HHD	7.06	3.98
tblVehicleEF	HHD	2.14	1.67
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.9130e-003	2.0729e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.7870e-003	1.9787e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.7531e-007
tblVehicleEF	HHD	0.01	6.9121e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7125e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.67	0.57
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.9194e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.2487e-008
tblVehicleEF	HHD	8.52	5.23
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.0010e-003	1.0080e-003
tblVehicleEF	HHD	1,359.81	803.46
tblVehicleEF	HHD	1,260.88	1,528.41

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tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.1274e-006
tblVehicleEF	HHD	6.72	3.80
tblVehicleEF	HHD	2.02	1.57
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.5690e-003	1.8267e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.4580e-003	1.7432e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.6775e-007
tblVehicleEF	HHD	0.01	6.8329e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7031e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.71	0.59
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.8366e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.3858e-008
tblVehicleEF	HHD	8.80	5.38
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1050e-003	1.0594e-003
tblVehicleEF	HHD	1,400.73	823.37
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.1881e-006
tblVehicleEF	HHD	7.53	4.22
tblVehicleEF	HHD	2.11	1.64
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	3.3870e-003	2.4128e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	3.2410e-003	2.3039e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005
tblVehicleEF	HHD	0.53	0.29
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.7434e-007
tblVehicleEF	HHD	0.01	7.0215e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7112e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005
tblVehicleEF	HHD	0.61	0.54
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.9088e-007
tblVehicleEF	LDA	1.7080e-003	1.9620e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.53	0.67
tblVehicleEF	LDA	1.93	2.61
tblVehicleEF	LDA	238.15	260.20
tblVehicleEF	LDA	48.93	64.94
tblVehicleEF	LDA	3.9170e-003	4.0426e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.1620e-003	7.1305e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	2.3560e-003	2.5722e-003
tblVehicleEF	LDA	4.8400e-004	6.4196e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.9600e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	1.9600e-003	2.0865e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.65	0.89
tblVehicleEF	LDA	1.61	2.19
tblVehicleEF	LDA	259.99	282.24
tblVehicleEF	LDA	48.33	64.15
tblVehicleEF	LDA	3.6720e-003	3.5948e-003
tblVehicleEF	LDA	0.02	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.20
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	6.9860e-003	7.4844e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	2.5720e-003	2.7900e-003
tblVehicleEF	LDA	4.7800e-004	6.3423e-004
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	1.6660e-003	1.9458e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.50	0.62
tblVehicleEF	LDA	1.90	2.61
tblVehicleEF	LDA	233.04	256.15

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tblVehicleEF	LDA	48.87	64.95
tblVehicleEF	LDA	3.7570e-003	3.9376e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0060e-003	7.0743e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	2.3050e-003	2.5322e-003
tblVehicleEF	LDA	4.8400e-004	6.4209e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7330e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDT1	4.5970e-003	8.1809e-003
tblVehicleEF	LDT1	0.06	0.12

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tblVehicleEF	LDT1	1.02	1.81
tblVehicleEF	LDT1	2.15	5.92
tblVehicleEF	LDT1	283.77	334.40
tblVehicleEF	LDT1	59.69	88.18
tblVehicleEF	LDT1	6.7580e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.8080e-003	3.3058e-003
tblVehicleEF	LDT1	5.9100e-004	8.7174e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.09	0.08

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tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT1	5.2210e-003	8.6781e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	1.24	2.41
tblVehicleEF	LDT1	1.79	4.93
tblVehicleEF	LDT1	306.50	360.35
tblVehicleEF	LDT1	58.95	86.30
tblVehicleEF	LDT1	6.2730e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.14
tblVehicleEF	LDT1	0.22	0.41
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.26	0.54
tblVehicleEF	LDT1	3.0330e-003	3.5624e-003
tblVehicleEF	LDT1	5.8300e-004	8.5315e-004
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24

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tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.29	0.59
tblVehicleEF	LDT1	4.4920e-003	8.1118e-003
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	0.97	1.70
tblVehicleEF	LDT1	2.11	5.94
tblVehicleEF	LDT1	278.38	329.62
tblVehicleEF	LDT1	59.63	88.22
tblVehicleEF	LDT1	6.4760e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.7550e-003	3.2586e-003

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tblVehicleEF	LDT1	5.9000e-004	8.7210e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT2	3.0790e-003	2.7679e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.77	0.84
tblVehicleEF	LDT2	2.49	3.23
tblVehicleEF	LDT2	296.94	338.28
tblVehicleEF	LDT2	62.71	84.59
tblVehicleEF	LDT2	5.6980e-003	5.7730e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01

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tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.9380e-003	3.3439e-003
tblVehicleEF	LDT2	6.2100e-004	8.3622e-004
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.5190e-003	2.9421e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.94	1.12
tblVehicleEF	LDT2	2.06	2.71
tblVehicleEF	LDT2	318.51	361.67
tblVehicleEF	LDT2	61.89	83.60
tblVehicleEF	LDT2	5.3190e-003	5.1454e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.18	0.42

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tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.23	0.29
tblVehicleEF	LDT2	3.1510e-003	3.5751e-003
tblVehicleEF	LDT2	6.1200e-004	8.2646e-004
tblVehicleEF	LDT2	0.18	0.42
tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	3.0060e-003	2.7451e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.78
tblVehicleEF	LDT2	2.45	3.24
tblVehicleEF	LDT2	291.83	333.98
tblVehicleEF	LDT2	62.64	84.61
tblVehicleEF	LDT2	5.4640e-003	5.6264e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

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tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.8870e-003	3.3013e-003
tblVehicleEF	LDT2	6.2000e-004	8.3642e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LHD1	4.4980e-003	5.0070e-003
tblVehicleEF	LHD1	4.8130e-003	2.8214e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.61
tblVehicleEF	LHD1	0.94	1.92
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.71	354.89
tblVehicleEF	LHD1	10.21	16.27
tblVehicleEF	LHD1	8.5900e-004	7.2256e-004
tblVehicleEF	LHD1	0.04	5.3107e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06

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tblVehicleEF	LHD1	1.13	0.09
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	0.01	4.7768e-003
tblVehicleEF	LHD1	9.4060e-003	6.8794e-004
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5020e-003	1.1942e-003
tblVehicleEF	LHD1	8.9760e-003	6.3253e-004
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	3.5084e-003
tblVehicleEF	LHD1	1.0100e-004	1.6083e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.07	0.11

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tblVehicleEF	LHD1	4.5120e-003	5.0253e-003
tblVehicleEF	LHD1	4.9120e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.66	0.12
tblVehicleEF	LHD1	0.88	1.82
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.74	196.64
tblVehicleEF	LHD1	10.10	16.10
tblVehicleEF	LHD1	8.6200e-004	7.2487e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.06	0.60
tblVehicleEF	LHD1	0.26	0.38
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0170e-003	0.00

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tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0000e-004	1.5918e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0170e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.5010e-003	5.0091e-003
tblVehicleEF	LHD1	4.8240e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.12
tblVehicleEF	LHD1	0.92	1.91
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.72	196.64
tblVehicleEF	LHD1	10.18	16.25
tblVehicleEF	LHD1	8.6000e-004	7.2322e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.11	0.62
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004

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tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0100e-004	1.6066e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD2	3.0290e-003	3.3816e-003
tblVehicleEF	LHD2	3.3290e-003	1.0183e-003
tblVehicleEF	LHD2	7.7710e-003	0.01

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tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.26
tblVehicleEF	LHD2	0.54	1.18
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	236.88
tblVehicleEF	LHD2	7.26	10.25
tblVehicleEF	LHD2	1.8100e-003	1.6419e-003
tblVehicleEF	LHD2	0.06	3.0442e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.21	0.05
tblVehicleEF	LHD2	0.18	0.26
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8235e-003
tblVehicleEF	LHD2	0.01	3.4405e-004
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7030e-003	7.0588e-004
tblVehicleEF	LHD2	0.01	3.1634e-004
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.05	4.6402e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06

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tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	2.3418e-003
tblVehicleEF	LHD2	7.2000e-005	1.0131e-004
tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.06	6.7710e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0380e-003	3.3937e-003
tblVehicleEF	LHD2	3.3590e-003	2.7712e-003
tblVehicleEF	LHD2	7.4220e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.44	0.16
tblVehicleEF	LHD2	0.51	1.12
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.32	376.11
tblVehicleEF	LHD2	7.20	10.14
tblVehicleEF	LHD2	1.8120e-003	1.6434e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.14	0.75
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0110e-003	3.5639e-003
tblVehicleEF	LHD2	7.1000e-005	1.0029e-004
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0310e-003	3.3829e-003
tblVehicleEF	LHD2	3.3320e-003	2.7712e-003
tblVehicleEF	LHD2	7.7050e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.16
tblVehicleEF	LHD2	0.54	1.18

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tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	376.11
tblVehicleEF	LHD2	7.24	10.24
tblVehicleEF	LHD2	1.8110e-003	1.6423e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.20	0.78
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	3.5639e-003
tblVehicleEF	LHD2	7.2000e-005	1.0120e-004

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tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.57
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	19.66	0.57
tblVehicleEF	MCY	8.85	7.68
tblVehicleEF	MCY	211.00	0.57
tblVehicleEF	MCY	60.62	47.89
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	7.8912e-003
tblVehicleEF	MCY	1.15	0.57
tblVehicleEF	MCY	0.27	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.9320e-003	0.57
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.8050e-003	0.57
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.19	0.57

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tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	1.87	1.27
tblVehicleEF	MCY	2.0880e-003	0.57
tblVehicleEF	MCY	6.0000e-004	4.7345e-004
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.71	0.57
tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	2.04	1.39
tblVehicleEF	MCY	0.32	0.49
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.80	0.49
tblVehicleEF	MCY	7.97	6.92
tblVehicleEF	MCY	211.03	0.49
tblVehicleEF	MCY	58.35	46.19
tblVehicleEF	MCY	0.06	0.49
tblVehicleEF	MCY	0.01	7.7414e-003
tblVehicleEF	MCY	0.98	0.49
tblVehicleEF	MCY	0.25	0.12
tblVehicleEF	MCY	0.01	0.49
tblVehicleEF	MCY	4.0000e-003	0.49
tblVehicleEF	MCY	1.9320e-003	0.49
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.49
tblVehicleEF	MCY	1.0000e-003	0.49
tblVehicleEF	MCY	1.8050e-003	0.49
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	3.13	3.75

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tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.14	0.49
tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.61	1.12
tblVehicleEF	MCY	2.0880e-003	0.49
tblVehicleEF	MCY	5.7700e-004	4.5668e-004
tblVehicleEF	MCY	3.13	3.75
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.65	0.49
tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.75	1.22
tblVehicleEF	MCY	0.32	0.55
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.81	0.55
tblVehicleEF	MCY	8.50	7.56
tblVehicleEF	MCY	209.52	0.55
tblVehicleEF	MCY	59.85	47.66
tblVehicleEF	MCY	0.06	0.55
tblVehicleEF	MCY	0.02	7.8973e-003
tblVehicleEF	MCY	1.11	0.55
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.55
tblVehicleEF	MCY	4.0000e-003	0.55
tblVehicleEF	MCY	1.9320e-003	0.55
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.55
tblVehicleEF	MCY	1.0000e-003	0.55

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tblVehicleEF	MCY	1.8050e-003	0.55
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.16	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.81	1.26
tblVehicleEF	MCY	2.0730e-003	0.55
tblVehicleEF	MCY	5.9200e-004	4.7113e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.67	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.97	1.37
tblVehicleEF	MDV	3.8560e-003	3.9181e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.86	1.01
tblVehicleEF	MDV	2.81	3.65
tblVehicleEF	MDV	371.74	414.62
tblVehicleEF	MDV	77.98	104.08
tblVehicleEF	MDV	7.9270e-003	8.3898e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003

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tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6750e-003	4.0968e-003
tblVehicleEF	MDV	7.7200e-004	1.0290e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.52
tblVehicleEF	MDV	4.4140e-003	4.1664e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	1.05	1.35
tblVehicleEF	MDV	2.33	3.05
tblVehicleEF	MDV	394.46	438.81
tblVehicleEF	MDV	77.03	102.92
tblVehicleEF	MDV	7.4690e-003	7.5539e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.27	0.39

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tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	3.9000e-003	4.3359e-003
tblVehicleEF	MDV	7.6200e-004	1.0174e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	3.7610e-003	3.8843e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.81	0.95
tblVehicleEF	MDV	2.77	3.66
tblVehicleEF	MDV	366.36	410.18
tblVehicleEF	MDV	77.90	104.11
tblVehicleEF	MDV	7.6430e-003	8.1953e-003

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tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6210e-003	4.0528e-003
tblVehicleEF	MDV	7.7100e-004	1.0293e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MH	8.6210e-003	5.1346e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.4369e-003
tblVehicleEF	MH	1.95	2.24

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tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.85	22.02
tblVehicleEF	MH	0.06	1.1392e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.46	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2895e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.6949e-008
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2408e-005
tblVehicleEF	MH	1.7700e-004	2.1766e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.4238e-003
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	8.8540e-003	5.2651e-005

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tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.03	2.6059e-003
tblVehicleEF	MH	1.78	2.09
tblVehicleEF	MH	1,433.78	5.1753e-003
tblVehicleEF	MH	17.57	21.75
tblVehicleEF	MH	0.06	1.0607e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.35	1.27
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	4.9873e-004
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.06	4.5071e-008
tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5351e-005
tblVehicleEF	MH	1.7400e-004	2.1504e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.07	6.0613e-003

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tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	8.6430e-003	5.1387e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.5018e-003
tblVehicleEF	MH	1.93	2.25
tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.82	22.03
tblVehicleEF	MH	0.06	1.1147e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.43	1.34
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2030e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.12	34.18
tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.5982e-008
tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3538e-005
tblVehicleEF	MH	1.7600e-004	2.1774e-004
tblVehicleEF	MH	1.12	34.18

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tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.3980e-003
tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MHD	3.0370e-003	0.02
tblVehicleEF	MHD	1.0670e-003	7.6783e-003
tblVehicleEF	MHD	7.4460e-003	5.9090e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.80	0.67
tblVehicleEF	MHD	63.12	159.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.43	5.86
tblVehicleEF	MHD	9.1720e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1470e-003	4.2304e-003
tblVehicleEF	MHD	0.34	0.82
tblVehicleEF	MHD	1.01	0.67
tblVehicleEF	MHD	1.77	1.48
tblVehicleEF	MHD	2.4100e-004	1.1608e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.3000e-004	1.1099e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003

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tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9900e-004	1.4651e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.4000e-005	5.7952e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8930e-003	0.02
tblVehicleEF	MHD	1.0900e-003	7.7026e-003
tblVehicleEF	MHD	7.1060e-003	5.6772e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.15	0.20
tblVehicleEF	MHD	0.75	0.63
tblVehicleEF	MHD	62.88	158.09
tblVehicleEF	MHD	940.09	1,118.68
tblVehicleEF	MHD	7.34	5.80
tblVehicleEF	MHD	9.1040e-003	0.02
tblVehicleEF	MHD	0.12	0.15

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tblVehicleEF	MHD	6.0170e-003	4.1601e-003
tblVehicleEF	MHD	0.33	0.79
tblVehicleEF	MHD	0.95	0.62
tblVehicleEF	MHD	1.76	1.47
tblVehicleEF	MHD	2.0600e-004	9.8923e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	1.9700e-004	9.4576e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9700e-004	1.4515e-003
tblVehicleEF	MHD	8.9590e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7322e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.2500e-003	0.02
tblVehicleEF	MHD	1.0690e-003	7.6786e-003
tblVehicleEF	MHD	7.3590e-003	5.8669e-003
tblVehicleEF	MHD	0.40	0.69
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.79	0.66
tblVehicleEF	MHD	63.46	161.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.41	5.85
tblVehicleEF	MHD	9.2690e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1040e-003	4.2126e-003
tblVehicleEF	MHD	0.36	0.86
tblVehicleEF	MHD	0.99	0.65
tblVehicleEF	MHD	1.77	1.47
tblVehicleEF	MHD	2.8900e-004	1.3976e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.7600e-004	1.3365e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.0200e-004	1.4839e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7865e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	9.0060e-003	0.02
tblVehicleEF	OBUS	5.7900e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.52	2.63
tblVehicleEF	OBUS	66.45	74.72
tblVehicleEF	OBUS	1,394.03	1,435.64
tblVehicleEF	OBUS	20.71	22.01
tblVehicleEF	OBUS	8.3390e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.28
tblVehicleEF	OBUS	0.87	1.03

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tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	8.1000e-005	4.9883e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	7.8000e-005	4.7670e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.3400e-004	6.7271e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1760e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	9.0820e-003	0.02

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tblVehicleEF	OBUS	5.9630e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53
tblVehicleEF	OBUS	0.71	0.85
tblVehicleEF	OBUS	2.32	2.45
tblVehicleEF	OBUS	65.76	74.12
tblVehicleEF	OBUS	1,394.07	1,435.67
tblVehicleEF	OBUS	20.35	21.70
tblVehicleEF	OBUS	8.2370e-003	9.9572e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.80	0.96
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	7.2000e-005	4.2688e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	6.9000e-005	4.0786e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.03	0.05

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tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.2800e-004	6.6695e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0100e-004	2.1453e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.9410e-003	0.02
tblVehicleEF	OBUS	5.8090e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.54
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.51	2.64
tblVehicleEF	OBUS	67.41	75.56
tblVehicleEF	OBUS	1,394.04	1,435.65
tblVehicleEF	OBUS	20.67	22.02
tblVehicleEF	OBUS	8.4910e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	0.86	1.02
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	9.4000e-005	5.9818e-004
tblVehicleEF	OBUS	0.13	0.05

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	9.0000e-005	5.7176e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.4400e-004	6.8066e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1770e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6520e-003	1.35
tblVehicleEF	SBUS	4.4230e-003	6.8206e-003
tblVehicleEF	SBUS	2.12	2.94

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tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.58	0.87
tblVehicleEF	SBUS	331.70	270.15
tblVehicleEF	SBUS	1,082.52	1,220.57
tblVehicleEF	SBUS	3.48	5.41
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7600e-003	5.9990e-003
tblVehicleEF	SBUS	3.05	1.10
tblVehicleEF	SBUS	4.26	2.21
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.9700e-003	1.5870e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	2.8410e-003	1.4998e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.5800e-004	0.06
tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1550e-003	1.2523e-003

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tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.4000e-005	5.3511e-005
tblVehicleEF	SBUS	7.5800e-004	0.06
tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.7220e-003	1.35
tblVehicleEF	SBUS	3.6550e-003	5.7134e-003
tblVehicleEF	SBUS	2.09	2.93
tblVehicleEF	SBUS	0.49	5.03
tblVehicleEF	SBUS	0.41	0.63
tblVehicleEF	SBUS	337.86	272.68
tblVehicleEF	SBUS	1,082.54	1,220.60
tblVehicleEF	SBUS	3.19	5.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.6220e-003	5.7874e-003
tblVehicleEF	SBUS	3.09	1.13
tblVehicleEF	SBUS	3.99	2.07
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.5130e-003	1.4170e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	2.4040e-003	1.3372e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2130e-003	1.2763e-003
tblVehicleEF	SBUS	0.01	6.7233e-003
tblVehicleEF	SBUS	3.2000e-005	4.9531e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6490e-003	1.35
tblVehicleEF	SBUS	4.5230e-003	7.0265e-003
tblVehicleEF	SBUS	2.16	2.95
tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.60	0.91
tblVehicleEF	SBUS	323.18	266.66

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tblVehicleEF	SBUS	1,082.52	1,220.58
tblVehicleEF	SBUS	3.50	5.48
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7940e-003	6.0725e-003
tblVehicleEF	SBUS	2.98	1.07
tblVehicleEF	SBUS	4.20	2.18
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	3.6010e-003	1.8216e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	3.4450e-003	1.7243e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.0600e-004	0.06
tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0740e-003	1.2192e-003
tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.5000e-005	5.4167e-005
tblVehicleEF	SBUS	7.0600e-004	0.06

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tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8958e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.41	1.08
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.41	7.56
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.4748e-005
tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.2083e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.16	0.92
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	15.98	7.30
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6142e-004
tblVehicleEF	UBUS	1.5800e-004	7.2167e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003
tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.9529e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.35	7.59
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003
tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.5006e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003
tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CW_TTP	0.00	33.00
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	141.21
tblVehicleTrips	ST_TR	0.00	7.31
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	0.70	141.21
tblVehicleTrips	SU_TR	0.00	7.31
tblVehicleTrips	SU_TR	2.12	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	9.74	141.21
tblVehicleTrips	WD_TR	0.00	7.31
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2024	3-31-2024	10.9647	8.4252
2	4-1-2024	6-30-2024	13.1785	6.6526
3	7-1-2024	9-30-2024	10.6268	5.1783
		Highest	13.1785	8.4252

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Energy	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	2,047.3169	2,047.3169	0.0103	9.8700e-003	2,050.5171
Mobile	3.0627	2.5084	28.8972	0.4530	7.5167	0.4118	7.9284	2.4347	0.4088	2.8435	0.0000	7,231.8637	7,231.8637	0.5662	0.5382	7,406.3982
Waste						0.0000	0.0000		0.0000	0.0000	362.5175	0.0000	362.5175	21.4242	0.0000	898.1218
Water						0.0000	0.0000		0.0000	0.0000	138.7363	872.5990	1,011.3353	14.2496	0.3365	1,467.8399
Total	11.2027	3.0033	29.3382	0.4560	7.5167	0.4495	7.9661	2.4347	0.4465	2.8812	501.2538	10,151.8293	10,653.0831	36.2503	0.8845	11,822.9298

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Energy	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	1,769.3795	1,769.3795	8.9000e-003	8.5100e-003	1,772.1383
Mobile	3.0550	2.4868	28.6476	0.4477	7.4281	0.4070	7.8351	2.4060	0.4040	2.8101	0.0000	7,148.6156	7,148.6156	0.5614	0.5327	7,321.3945
Waste						0.0000	0.0000		0.0000	0.0000	90.6294	0.0000	90.6294	5.3560	0.0000	224.5304
Water						0.0000	0.0000		0.0000	0.0000	110.9890	699.1017	810.0908	11.3996	0.2692	1,175.2944
Total	11.1861	2.9134	29.0206	0.4503	7.4281	0.4395	7.8676	2.4060	0.4365	2.8425	201.6184	9,617.1235	9,818.7419	17.3260	0.8104	10,493.3858

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.15	3.00	1.08	1.25	1.18	2.23	1.24	1.18	2.24	1.34	59.78	5.27	7.83	52.20	8.38	11.25

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	5/31/2024	5	110	
2	Road Construction/Utilities	Site Preparation	1/1/2024	5/31/2024	5	110	
3	Excavation/Mass Site Grading	Grading	2/1/2024	4/30/2024	5	64	

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4	Concrete Pour	Building Construction	5/1/2024	8/30/2024	5	88
5	Paving/Landscap/Site Finishes	Paving	9/1/2024	12/27/2024	5	85
6	Architectural Coating	Architectural Coating	9/1/2024	12/27/2024	5	85

Acres of Grading (Site Preparation Phase): 165

Acres of Grading (Grading Phase): 1120

Acres of Paving: 98.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,850,450; Non-Residential Outdoor: 950,150; Striped Parking Area: 256,446 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Road Construction/Utilities	Excavators	2	8.00	158	0.38
Road Construction/Utilities	Off-Highway Trucks	1	8.00	402	0.38
Road Construction/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Road Construction/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Road Construction/Utilities	Trenchers	2	8.00	78	0.50
Excavation/Mass Site Grading	Excavators	0	8.00	158	0.38
Excavation/Mass Site Grading	Graders	2	8.00	187	0.41
Excavation/Mass Site Grading	Off-Highway Trucks	3	8.00	402	0.38
Excavation/Mass Site Grading	Other Construction Equipment	1	8.00	172	0.42
Excavation/Mass Site Grading	Rollers	1	8.00	80	0.38
Excavation/Mass Site Grading	Rubber Tired Dozers	1	8.00	247	0.40
Excavation/Mass Site Grading	Rubber Tired Loaders	1	8.00	203	0.36
Excavation/Mass Site Grading	Scrapers	16	8.00	367	0.48
Excavation/Mass Site Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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Concrete Pour	Cranes	2	8.00	231	0.29
Concrete Pour	Forklifts	10	8.00	89	0.20
Concrete Pour	Generator Sets	36	8.00	84	0.74
Concrete Pour	Off-Highway Trucks	8	8.00	402	0.38
Concrete Pour	Other General Industrial Equipment	57	8.00	88	0.34
Concrete Pour	Pumps	2	7.00	84	0.74
Concrete Pour	Rollers	2	8.00	80	0.38
Concrete Pour	Tractors/Loaders/Backhoes	14	7.00	97	0.37
Concrete Pour	Welders	0	8.00	46	0.45
Paving/Landscap/Site Finishes	Graders	2	8.00	187	0.41
Paving/Landscap/Site Finishes	Off-Highway Trucks	3	8.00	402	0.38
Paving/Landscap/Site Finishes	Other Construction Equipment	2	8.00	172	0.42
Paving/Landscap/Site Finishes	Other General Industrial Equipment	6	8.00	88	0.34
Paving/Landscap/Site Finishes	Pavers	0	8.00	130	0.42
Paving/Landscap/Site Finishes	Paving Equipment	1	8.00	132	0.36
Paving/Landscap/Site Finishes	Rollers	6	8.00	80	0.38
Paving/Landscap/Site Finishes	Scrapers	1	8.00	367	0.48
Paving/Landscap/Site Finishes	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Architectural Coating	Air Compressors	3	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	12,503.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Road Construction/Utilities	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Excavation/Mass Site Grading	25	63.00	0.00	53,318.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Concrete Pour	131	2,589.00	1,012.00	14,594.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Landscap/Site Finishes	25	63.00	0.00	6,388.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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Architectural Coating	3	518.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

- Use Cleaner Engines for Construction Equipment
- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

3.2 Demolition - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.3530	0.0000	1.3530	0.2049	0.0000	0.2049	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1234	1.1483	1.0839	2.1400e-003		0.0528	0.0528		0.0491	0.0491	0.0000	186.9783	186.9783	0.0523	0.0000	188.2861
Total	0.1234	1.1483	1.0839	2.1400e-003	1.3530	0.0528	1.4058	0.2049	0.0491	0.2539	0.0000	186.9783	186.9783	0.0523	0.0000	188.2861

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0145	0.7295	0.2115	3.4500e-003	0.1077	7.1400e-003	0.1148	0.0296	6.8300e-003	0.0364	0.0000	341.3667	341.3667	0.0144	0.0541	357.8495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6700e-003	1.9000e-003	0.0249	7.0000e-005	9.0500e-003	4.0000e-005	9.0900e-003	2.4000e-003	4.0000e-005	2.4400e-003	0.0000	6.7750	6.7750	1.7000e-004	1.8000e-004	6.8321
Total	0.0171	0.7314	0.2364	3.5200e-003	0.1167	7.1800e-003	0.1239	0.0320	6.8700e-003	0.0389	0.0000	348.1417	348.1417	0.0145	0.0543	364.6817

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.5013	0.0000	0.5013	0.0759	0.0000	0.0759	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0392	0.2281	1.2689	2.1400e-003		9.0100e-003	9.0100e-003		9.0100e-003	9.0100e-003	0.0000	186.9780	186.9780	0.0523	0.0000	188.2859
Total	0.0392	0.2281	1.2689	2.1400e-003	0.5013	9.0100e-003	0.5103	0.0759	9.0100e-003	0.0849	0.0000	186.9780	186.9780	0.0523	0.0000	188.2859

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.2 Demolition - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0145	0.7295	0.2115	3.4500e-003	0.1028	7.1400e-003	0.1100	0.0284	6.8300e-003	0.0352	0.0000	341.3667	341.3667	0.0144	0.0541	357.8495
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.6700e-003	1.9000e-003	0.0249	7.0000e-005	8.5800e-003	4.0000e-005	8.6200e-003	2.2900e-003	4.0000e-005	2.3300e-003	0.0000	6.7750	6.7750	1.7000e-004	1.8000e-004	6.8321
Total	0.0171	0.7314	0.2364	3.5200e-003	0.1114	7.1800e-003	0.1186	0.0307	6.8700e-003	0.0376	0.0000	348.1417	348.1417	0.0145	0.0543	364.6817

3.3 Road Construction/Utilities - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0811	0.0000	1.0811	0.5556	0.0000	0.5556	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2309	2.1796	1.8315	3.7600e-003		0.1059	0.1059		0.0974	0.0974	0.0000	330.4662	330.4662	0.1069	0.0000	333.1382
Total	0.2309	2.1796	1.8315	3.7600e-003	1.0811	0.1059	1.1870	0.5556	0.0974	0.6530	0.0000	330.4662	330.4662	0.1069	0.0000	333.1382

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Road Construction/Utilities - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3400e-003	3.8000e-003	0.0498	1.5000e-004	0.0181	9.0000e-005	0.0182	4.8000e-003	8.0000e-005	4.8900e-003	0.0000	13.5500	13.5500	3.4000e-004	3.6000e-004	13.6643
Total	5.3400e-003	3.8000e-003	0.0498	1.5000e-004	0.0181	9.0000e-005	0.0182	4.8000e-003	8.0000e-005	4.8900e-003	0.0000	13.5500	13.5500	3.4000e-004	3.6000e-004	13.6643

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4006	0.0000	0.4006	0.2059	0.0000	0.2059	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0460	0.1995	2.1847	3.7600e-003		6.1400e-003	6.1400e-003		6.1400e-003	6.1400e-003	0.0000	330.4658	330.4658	0.1069	0.0000	333.1378
Total	0.0460	0.1995	2.1847	3.7600e-003	0.4006	6.1400e-003	0.4067	0.2059	6.1400e-003	0.2120	0.0000	330.4658	330.4658	0.1069	0.0000	333.1378

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Road Construction/Utilities - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.3400e-003	3.8000e-003	0.0498	1.5000e-004	0.0172	9.0000e-005	0.0172	4.5700e-003	8.0000e-005	4.6500e-003	0.0000	13.5500	13.5500	3.4000e-004	3.6000e-004	13.6643
Total	5.3400e-003	3.8000e-003	0.0498	1.5000e-004	0.0172	9.0000e-005	0.0172	4.5700e-003	8.0000e-005	4.6500e-003	0.0000	13.5500	13.5500	3.4000e-004	3.6000e-004	13.6643

3.4 Excavation/Mass Site Grading - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8107	0.0000	0.8107	0.1737	0.0000	0.1737	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5052	4.9797	3.8088	0.0102		0.1965	0.1965		0.1808	0.1808	0.0000	897.3877	897.3877	0.2902	0.0000	904.6436
Total	0.5052	4.9797	3.8088	0.0102	0.8107	0.1965	1.0072	0.1737	0.1808	0.3545	0.0000	897.3877	897.3877	0.2902	0.0000	904.6436

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Excavation/Mass Site Grading - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1024	6.9281	1.4887	0.0356	1.1469	0.0757	1.2226	0.3150	0.0724	0.3874	0.0000	3,516.8573	3,516.8573	0.1502	0.5575	3,686.7521
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5300e-003	4.6500e-003	0.0609	1.8000e-004	0.0221	1.1000e-004	0.0222	5.8700e-003	1.0000e-004	5.9700e-003	0.0000	16.5556	16.5556	4.1000e-004	4.3000e-004	16.6952
Total	0.1089	6.9328	1.5496	0.0357	1.1690	0.0758	1.2448	0.3208	0.0725	0.3933	0.0000	3,533.4129	3,533.4129	0.1506	0.5580	3,703.4473

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3004	0.0000	0.3004	0.0644	0.0000	0.0644	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.4192	4.0702	4.2423	0.0102		0.1597	0.1597		0.1473	0.1473	0.0000	897.3866	897.3866	0.2902	0.0000	904.6425
Total	0.4192	4.0702	4.2423	0.0102	0.3004	0.1597	0.4601	0.0644	0.1473	0.2116	0.0000	897.3866	897.3866	0.2902	0.0000	904.6425

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.4 Excavation/Mass Site Grading - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1024	6.9281	1.4887	0.0356	1.0952	0.0757	1.1709	0.3023	0.0724	0.3747	0.0000	3,516.8573	3,516.8573	0.1502	0.5575	3,686.7521
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	6.5300e-003	4.6500e-003	0.0609	1.8000e-004	0.0210	1.1000e-004	0.0211	5.5900e-003	1.0000e-004	5.6900e-003	0.0000	16.5556	16.5556	4.1000e-004	4.3000e-004	16.6952
Total	0.1089	6.9328	1.5496	0.0357	1.1162	0.0758	1.1919	0.3079	0.0725	0.3804	0.0000	3,533.4129	3,533.4129	0.1506	0.5580	3,703.4473

3.5 Concrete Pour - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.1911	10.5961	14.0758	0.0251		0.4979	0.4979		0.4728	0.4728	0.0000	2,183.5021	2,183.5021	0.4407	0.0000	2,194.5198
Total	1.1911	10.5961	14.0758	0.0251		0.4979	0.4979		0.4728	0.4728	0.0000	2,183.5021	2,183.5021	0.4407	0.0000	2,194.5198

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3.5 Concrete Pour - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0169	0.8516	0.2469	4.0300e-003	0.1257	8.3400e-003	0.1340	0.0345	7.9800e-003	0.0425	0.0000	398.4568	398.4568	0.0168	0.0632	417.6963
Vendor	0.0491	1.6575	0.6541	7.8700e-003	0.2808	0.0116	0.2924	0.0811	0.0111	0.0921	0.0000	765.3629	765.3629	0.0196	0.1131	799.5519
Worker	0.3688	0.2625	3.4400	0.0102	1.2491	6.0100e-003	1.2551	0.3317	5.5400e-003	0.3373	0.0000	935.4924	935.4924	0.0232	0.0245	943.3802
Total	0.4347	2.7716	4.3410	0.0221	1.6556	0.0259	1.6815	0.4473	0.0246	0.4719	0.0000	2,099.3121	2,099.3121	0.0596	0.2008	2,160.6284

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.3064	1.5094	15.8251	0.0251		0.0498	0.0498		0.0488	0.0488	0.0000	2,183.4995	2,183.4995	0.4407	0.0000	2,194.5171
Total	0.3064	1.5094	15.8251	0.0251		0.0498	0.0498		0.0488	0.0488	0.0000	2,183.4995	2,183.4995	0.4407	0.0000	2,194.5171

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.5 Concrete Pour - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0169	0.8516	0.2469	4.0300e-003	0.1200	8.3400e-003	0.1283	0.0331	7.9800e-003	0.0411	0.0000	398.4568	398.4568	0.0168	0.0632	417.6963
Vendor	0.0491	1.6575	0.6541	7.8700e-003	0.2689	0.0116	0.2805	0.0781	0.0111	0.0892	0.0000	765.3629	765.3629	0.0196	0.1131	799.5519
Worker	0.3688	0.2625	3.4400	0.0102	1.1841	6.0100e-003	1.1901	0.3158	5.5400e-003	0.3213	0.0000	935.4924	935.4924	0.0232	0.0245	943.3802
Total	0.4347	2.7716	4.3410	0.0221	1.5730	0.0259	1.5989	0.4271	0.0246	0.4516	0.0000	2,099.3121	2,099.3121	0.0596	0.2008	2,160.6284

3.6 Paving/Landscap/Site Finishes - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2613	2.4404	2.6006	5.4400e-003		0.1083	0.1083		0.0997	0.0997	0.0000	478.1700	478.1700	0.1547	0.0000	482.0362
Paving	0.1285					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.3898	2.4404	2.6006	5.4400e-003		0.1083	0.1083		0.0997	0.0997	0.0000	478.1700	478.1700	0.1547	0.0000	482.0362

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3.6 Paving/Landscap/Site Finishes - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3800e-003	0.3727	0.1081	1.7600e-003	0.0550	3.6500e-003	0.0587	0.0151	3.4900e-003	0.0186	0.0000	174.4102	174.4102	7.3400e-003	0.0276	182.8316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6700e-003	6.1700e-003	0.0809	2.4000e-004	0.0294	1.4000e-004	0.0295	7.8000e-003	1.3000e-004	7.9300e-003	0.0000	21.9880	21.9880	5.5000e-004	5.8000e-004	22.1734
Total	0.0161	0.3789	0.1889	2.0000e-003	0.0844	3.7900e-003	0.0882	0.0229	3.6200e-003	0.0265	0.0000	196.3981	196.3981	7.8900e-003	0.0282	205.0049

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0912	0.5822	3.1966	5.4400e-003		0.0208	0.0208		0.0197	0.0197	0.0000	478.1694	478.1694	0.1547	0.0000	482.0357
Paving	0.1285					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.2197	0.5822	3.1966	5.4400e-003		0.0208	0.0208		0.0197	0.0197	0.0000	478.1694	478.1694	0.1547	0.0000	482.0357

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3.6 Paving/Landscap/Site Finishes - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	7.3800e-003	0.3727	0.1081	1.7600e-003	0.0525	3.6500e-003	0.0562	0.0145	3.4900e-003	0.0180	0.0000	174.4102	174.4102	7.3400e-003	0.0276	182.8316
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.6700e-003	6.1700e-003	0.0809	2.4000e-004	0.0278	1.4000e-004	0.0280	7.4200e-003	1.3000e-004	7.5500e-003	0.0000	21.9880	21.9880	5.5000e-004	5.8000e-004	22.1734
Total	0.0161	0.3789	0.1889	2.0000e-003	0.0804	3.7900e-003	0.0842	0.0219	3.6200e-003	0.0255	0.0000	196.3981	196.3981	7.8900e-003	0.0282	205.0049

3.7 Architectural Coating - 2024

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4022					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0231	0.1554	0.2308	3.8000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	32.5540	32.5540	1.8300e-003	0.0000	32.5998
Total	9.4253	0.1554	0.2308	3.8000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	32.5540	32.5540	1.8300e-003	0.0000	32.5998

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2024

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0713	0.0507	0.6648	1.9700e-003	0.2414	1.1600e-003	0.2426	0.0641	1.0700e-003	0.0652	0.0000	180.7899	180.7899	4.4800e-003	4.7400e-003	182.3143
Total	0.0713	0.0507	0.6648	1.9700e-003	0.2414	1.1600e-003	0.2426	0.0641	1.0700e-003	0.0652	0.0000	180.7899	180.7899	4.4800e-003	4.7400e-003	182.3143

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	9.4022					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0231	0.1554	0.2308	3.8000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	32.5540	32.5540	1.8300e-003	0.0000	32.5998
Total	9.4253	0.1554	0.2308	3.8000e-004		7.7700e-003	7.7700e-003		7.7700e-003	7.7700e-003	0.0000	32.5540	32.5540	1.8300e-003	0.0000	32.5998

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3.7 Architectural Coating - 2024

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0713	0.0507	0.6648	1.9700e-003	0.2288	1.1600e-003	0.2300	0.0610	1.0700e-003	0.0621	0.0000	180.7899	180.7899	4.4800e-003	4.7400e-003	182.3143
Total	0.0713	0.0507	0.6648	1.9700e-003	0.2288	1.1600e-003	0.2300	0.0610	1.0700e-003	0.0621	0.0000	180.7899	180.7899	4.4800e-003	4.7400e-003	182.3143

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Transit Subsidy

Employee Vanpool/Shuttle

Provide Ride Sharing Program

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	3.0550	2.4868	28.6476	0.4477	7.4281	0.4070	7.8351	2.4060	0.4040	2.8101	0.0000	7,148.6156	7,148.6156	0.5614	0.5327	7,321.3945
Unmitigated	3.0627	2.5084	28.8972	0.4530	7.5167	0.4118	7.9284	2.4347	0.4088	2.8435	0.0000	7,231.8637	7,231.8637	0.5662	0.5382	7,406.3982

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	5,648.40	5,648.40	5648.40	22,248,166	21,986,160
Other Asphalt Surfaces	450.73	450.73	450.73	1,775,373	1,754,466
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	6,099.13	6,099.13	6,099.13	24,023,540	23,740,625

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.585864	0.056300	0.173085	0.134258	0.025645	0.000000	0.000000	0.000000	0.000000	0.000000	0.024848	0.000000	0.000000
Other Asphalt Surfaces	0.585864	0.056300	0.173085	0.134258	0.025645	0.000000	0.000000	0.000000	0.000000	0.000000	0.024848	0.000000	0.000000
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Refrigerated Warehouse-Rail	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-Rail	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,305.1173	1,305.1173	0.0000	0.0000	1,305.1173
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,508.8012	1,508.8012	0.0000	0.0000	1,508.8012
NaturalGas Mitigated	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5100e-003	467.0211
NaturalGas Unmitigated	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	137200	7.4000e-004	6.7300e-003	5.6500e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	7.3215	7.3215	1.4000e-004	1.3000e-004	7.3650
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	3.48795e+006	0.0188	0.1710	0.1436	1.0300e-003		0.0130	0.0130		0.0130	0.0130	0.0000	186.1305	186.1305	3.5700e-003	3.4100e-003	187.2365
Total		0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	89180	4.8000e-004	4.3700e-003	3.6700e-003	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	4.7590	4.7590	9.0000e-005	9.0000e-005	4.7873
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	2.28539e+006	0.0123	0.1120	0.0941	6.7000e-004		8.5100e-003	8.5100e-003		8.5100e-003	8.5100e-003	0.0000	121.9571	121.9571	2.3400e-003	2.2400e-003	122.6819
Total		0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5200e-003	467.0211

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	367600	55.8581	0.0000	0.0000	55.8581
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	555869	84.4662	0.0000	0.0000	84.4662
Refrigerated Warehouse-Rail	4.98e+006	756.7282	0.0000	0.0000	756.7282
Unrefrigerated Warehouse-Rail	4.0259e+006	611.7488	0.0000	0.0000	611.7488
Total		1,508.8012	0.0000	0.0000	1,508.8012

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	278000	42.2431	0.0000	0.0000	42.2431
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	361315	54.9031	0.0000	0.0000	54.9031
Refrigerated Warehouse-Rail	4.83475e+006	734.6569	0.0000	0.0000	734.6569
Unrefrigerated Warehouse-Rail	3.11486e+006	473.3142	0.0000	0.0000	473.3142
Total		1,305.1173	0.0000	0.0000	1,305.1173

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Unmitigated	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3400e-003	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Total	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.9000e-004	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Total	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	810.0908	11.3996	0.2692	1,175.2944
Unmitigated	1,011.3353	14.2496	0.3365	1,467.8399

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 4.35734	23.6780	0.2317	5.4700e-003	31.0995
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	66.3641	0.9419	0.0222	96.5396
Unrefrigerated Warehouse-Rail	401.288 / 0	921.2932	13.0760	0.3088	1,340.2008
Total		1,011.3353	14.2496	0.3365	1,467.8399

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.68748 / 4.09155	19.9649	0.1853	4.3800e-003	25.9021
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	53.0913	0.7535	0.0178	77.2317
Unrefrigerated Warehouse-Rail	321.031 / 0	737.0346	10.4608	0.2470	1,072.1607
Total		810.0907	11.3996	0.2692	1,175.2944

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	90.6294	5.3560	0.0000	224.5304
Unmitigated	362.5175	21.4242	0.0000	898.1218

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	37.2	7.5513	0.4463	0.0000	18.7079
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	1631.18	331.1148	19.5683	0.0000	820.3229
Total		362.5175	21.4242	0.0000	898.1218

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8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	9.3	1.8878	0.1116	0.0000	4.6770
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	407.795	82.7787	4.8921	0.0000	205.0807
Total		90.6294	5.3560	0.0000	224.5304

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Speedway Commerce Center (Phase 1b Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Speedway Commerce Center (Phase 1b Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 1b Trucks)(*Mobile Source/Truck Operations Only)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	1,735.30	1000sqft	39.84	1,735,300.00	0
Other Asphalt Surfaces	61.66	Acre	61.66	2,685,909.60	0
Parking Lot	36.46	Acre	36.46	1,588,197.60	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	335	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 Factor adjusted per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Off-road Equipment -

Trips and VMT - anticipated concrete truck trips

Demolition -

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

- Grading -
- Vehicle Trips - Phase 1b trucks run
- Vehicle Emission Factors - EMFAC 2021
- Vehicle Emission Factors - EMFAC 2021
- Vehicle Emission Factors - EMFAC 2021
- Road Dust - adjusted per CARB guidance for Riverside and SB counties
- Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%
- Construction Off-road Equipment Mitigation - SCAQMD rule compliance
- Mobile Commute Mitigation -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -
- Waste Mitigation -
- Fleet Mix - Phase 1b trucks run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	0.00
tblFleetMix	HHD	0.02	0.64
tblFleetMix	HHD	0.02	0.62
tblFleetMix	HHD	0.02	0.62
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00

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tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	0.12
tblFleetMix	LHD2	7.0090e-003	0.21
tblFleetMix	LHD2	7.0090e-003	0.21
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MH	4.6060e-003	0.00
tblFleetMix	MHD	0.01	0.24
tblFleetMix	MHD	0.01	0.18
tblFleetMix	MHD	0.01	0.18
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	UBUS	2.4800e-004	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	335
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.4052e-008
tblVehicleEF	HHD	8.64	5.29
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1350e-003	1.0677e-003
tblVehicleEF	HHD	1,377.00	811.82
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.2142e-006
tblVehicleEF	HHD	7.06	3.98
tblVehicleEF	HHD	2.14	1.67
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.9130e-003	2.0729e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.7870e-003	1.9787e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.7531e-007
tblVehicleEF	HHD	0.01	6.9121e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7125e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.67	0.57
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.9194e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.2487e-008
tblVehicleEF	HHD	8.52	5.23
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.0010e-003	1.0080e-003
tblVehicleEF	HHD	1,359.81	803.46
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.25

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	5.0000e-006	8.1274e-006
tblVehicleEF	HHD	6.72	3.80
tblVehicleEF	HHD	2.02	1.57
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.5690e-003	1.8267e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.4580e-003	1.7432e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.6775e-007
tblVehicleEF	HHD	0.01	6.8329e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7031e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005
tblVehicleEF	HHD	0.71	0.59
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.8366e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.3858e-008
tblVehicleEF	HHD	8.80	5.38
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1050e-003	1.0594e-003
tblVehicleEF	HHD	1,400.73	823.37
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.1881e-006
tblVehicleEF	HHD	7.53	4.22
tblVehicleEF	HHD	2.11	1.64
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	3.3870e-003	2.4128e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	3.2410e-003	2.3039e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.53	0.29
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.7434e-007
tblVehicleEF	HHD	0.01	7.0215e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7112e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005
tblVehicleEF	HHD	0.61	0.54
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.9088e-007
tblVehicleEF	LDA	1.7080e-003	1.9620e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.53	0.67
tblVehicleEF	LDA	1.93	2.61
tblVehicleEF	LDA	238.15	260.20
tblVehicleEF	LDA	48.93	64.94
tblVehicleEF	LDA	3.9170e-003	4.0426e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.1620e-003	7.1305e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	2.3560e-003	2.5722e-003
tblVehicleEF	LDA	4.8400e-004	6.4196e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.9600e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	1.9600e-003	2.0865e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.65	0.89
tblVehicleEF	LDA	1.61	2.19
tblVehicleEF	LDA	259.99	282.24
tblVehicleEF	LDA	48.33	64.15
tblVehicleEF	LDA	3.6720e-003	3.5948e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.20
tblVehicleEF	LDA	0.04	7.1205e-003

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tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	6.9860e-003	7.4844e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	2.5720e-003	2.7900e-003
tblVehicleEF	LDA	4.7800e-004	6.3423e-004
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	1.6660e-003	1.9458e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.50	0.62
tblVehicleEF	LDA	1.90	2.61
tblVehicleEF	LDA	233.04	256.15
tblVehicleEF	LDA	48.87	64.95
tblVehicleEF	LDA	3.7570e-003	3.9376e-003
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0060e-003	7.0743e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	2.3050e-003	2.5322e-003
tblVehicleEF	LDA	4.8400e-004	6.4209e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7330e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDT1	4.5970e-003	8.1809e-003
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	1.02	1.81
tblVehicleEF	LDT1	2.15	5.92
tblVehicleEF	LDT1	283.77	334.40

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tblVehicleEF	LDT1	59.69	88.18
tblVehicleEF	LDT1	6.7580e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.8080e-003	3.3058e-003
tblVehicleEF	LDT1	5.9100e-004	8.7174e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT1	5.2210e-003	8.6781e-003
tblVehicleEF	LDT1	0.05	0.10

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tblVehicleEF	LDT1	1.24	2.41
tblVehicleEF	LDT1	1.79	4.93
tblVehicleEF	LDT1	306.50	360.35
tblVehicleEF	LDT1	58.95	86.30
tblVehicleEF	LDT1	6.2730e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.14
tblVehicleEF	LDT1	0.22	0.41
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.26	0.54
tblVehicleEF	LDT1	3.0330e-003	3.5624e-003
tblVehicleEF	LDT1	5.8300e-004	8.5315e-004
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08

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tblVehicleEF	LDT1	0.29	0.59
tblVehicleEF	LDT1	4.4920e-003	8.1118e-003
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	0.97	1.70
tblVehicleEF	LDT1	2.11	5.94
tblVehicleEF	LDT1	278.38	329.62
tblVehicleEF	LDT1	59.63	88.22
tblVehicleEF	LDT1	6.4760e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.7550e-003	3.2586e-003
tblVehicleEF	LDT1	5.9000e-004	8.7210e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22

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tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT2	3.0790e-003	2.7679e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.77	0.84
tblVehicleEF	LDT2	2.49	3.23
tblVehicleEF	LDT2	296.94	338.28
tblVehicleEF	LDT2	62.71	84.59
tblVehicleEF	LDT2	5.6980e-003	5.7730e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.9380e-003	3.3439e-003

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tblVehicleEF	LDT2	6.2100e-004	8.3622e-004
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.5190e-003	2.9421e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.94	1.12
tblVehicleEF	LDT2	2.06	2.71
tblVehicleEF	LDT2	318.51	361.67
tblVehicleEF	LDT2	61.89	83.60
tblVehicleEF	LDT2	5.3190e-003	5.1454e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.18	0.42
tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.01	0.01

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tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.23	0.29
tblVehicleEF	LDT2	3.1510e-003	3.5751e-003
tblVehicleEF	LDT2	6.1200e-004	8.2646e-004
tblVehicleEF	LDT2	0.18	0.42
tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	3.0060e-003	2.7451e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.78
tblVehicleEF	LDT2	2.45	3.24
tblVehicleEF	LDT2	291.83	333.98
tblVehicleEF	LDT2	62.64	84.61
tblVehicleEF	LDT2	5.4640e-003	5.6264e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.34

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tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.8870e-003	3.3013e-003
tblVehicleEF	LDT2	6.2000e-004	8.3642e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LHD1	4.4980e-003	5.0070e-003
tblVehicleEF	LHD1	4.8130e-003	2.8214e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.61
tblVehicleEF	LHD1	0.94	1.92
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.71	354.89
tblVehicleEF	LHD1	10.21	16.27
tblVehicleEF	LHD1	8.5900e-004	7.2256e-004
tblVehicleEF	LHD1	0.04	5.3107e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.13	0.09
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004

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tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	0.01	4.7768e-003
tblVehicleEF	LHD1	9.4060e-003	6.8794e-004
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5020e-003	1.1942e-003
tblVehicleEF	LHD1	8.9760e-003	6.3253e-004
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	3.5084e-003
tblVehicleEF	LHD1	1.0100e-004	1.6083e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.5120e-003	5.0253e-003
tblVehicleEF	LHD1	4.9120e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02

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tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.66	0.12
tblVehicleEF	LHD1	0.88	1.82
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.74	196.64
tblVehicleEF	LHD1	10.10	16.10
tblVehicleEF	LHD1	8.6200e-004	7.2487e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.06	0.60
tblVehicleEF	LHD1	0.26	0.38
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0170e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.06	0.10

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tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0000e-004	1.5918e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0170e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.5010e-003	5.0091e-003
tblVehicleEF	LHD1	4.8240e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.12
tblVehicleEF	LHD1	0.92	1.91
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.72	196.64
tblVehicleEF	LHD1	10.18	16.25
tblVehicleEF	LHD1	8.6000e-004	7.2322e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.11	0.62
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01

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tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0100e-004	1.6066e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD2	3.0290e-003	3.3816e-003
tblVehicleEF	LHD2	3.3290e-003	1.0183e-003
tblVehicleEF	LHD2	7.7710e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.26
tblVehicleEF	LHD2	0.54	1.18

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tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	236.88
tblVehicleEF	LHD2	7.26	10.25
tblVehicleEF	LHD2	1.8100e-003	1.6419e-003
tblVehicleEF	LHD2	0.06	3.0442e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.21	0.05
tblVehicleEF	LHD2	0.18	0.26
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8235e-003
tblVehicleEF	LHD2	0.01	3.4405e-004
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7030e-003	7.0588e-004
tblVehicleEF	LHD2	0.01	3.1634e-004
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.05	4.6402e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	2.3418e-003
tblVehicleEF	LHD2	7.2000e-005	1.0131e-004

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tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.06	6.7710e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0380e-003	3.3937e-003
tblVehicleEF	LHD2	3.3590e-003	2.7712e-003
tblVehicleEF	LHD2	7.4220e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.44	0.16
tblVehicleEF	LHD2	0.51	1.12
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.32	376.11
tblVehicleEF	LHD2	7.20	10.14
tblVehicleEF	LHD2	1.8120e-003	1.6434e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.14	0.75
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02

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tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0110e-003	3.5639e-003
tblVehicleEF	LHD2	7.1000e-005	1.0029e-004
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0310e-003	3.3829e-003
tblVehicleEF	LHD2	3.3320e-003	2.7712e-003
tblVehicleEF	LHD2	7.7050e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.16
tblVehicleEF	LHD2	0.54	1.18
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	376.11
tblVehicleEF	LHD2	7.24	10.24

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tblVehicleEF	LHD2	1.8110e-003	1.6423e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.20	0.78
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	3.5639e-003
tblVehicleEF	LHD2	7.2000e-005	1.0120e-004
tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02

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tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.57
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	19.66	0.57
tblVehicleEF	MCY	8.85	7.68
tblVehicleEF	MCY	211.00	0.57
tblVehicleEF	MCY	60.62	47.89
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	7.8912e-003
tblVehicleEF	MCY	1.15	0.57
tblVehicleEF	MCY	0.27	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.9320e-003	0.57
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.8050e-003	0.57
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.19	0.57
tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	1.87	1.27
tblVehicleEF	MCY	2.0880e-003	0.57

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tblVehicleEF	MCY	6.0000e-004	4.7345e-004
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.71	0.57
tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	2.04	1.39
tblVehicleEF	MCY	0.32	0.49
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.80	0.49
tblVehicleEF	MCY	7.97	6.92
tblVehicleEF	MCY	211.03	0.49
tblVehicleEF	MCY	58.35	46.19
tblVehicleEF	MCY	0.06	0.49
tblVehicleEF	MCY	0.01	7.7414e-003
tblVehicleEF	MCY	0.98	0.49
tblVehicleEF	MCY	0.25	0.12
tblVehicleEF	MCY	0.01	0.49
tblVehicleEF	MCY	4.0000e-003	0.49
tblVehicleEF	MCY	1.9320e-003	0.49
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.49
tblVehicleEF	MCY	1.0000e-003	0.49
tblVehicleEF	MCY	1.8050e-003	0.49
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	3.13	3.75
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.14	0.49

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tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.61	1.12
tblVehicleEF	MCY	2.0880e-003	0.49
tblVehicleEF	MCY	5.7700e-004	4.5668e-004
tblVehicleEF	MCY	3.13	3.75
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.65	0.49
tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.75	1.22
tblVehicleEF	MCY	0.32	0.55
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.81	0.55
tblVehicleEF	MCY	8.50	7.56
tblVehicleEF	MCY	209.52	0.55
tblVehicleEF	MCY	59.85	47.66
tblVehicleEF	MCY	0.06	0.55
tblVehicleEF	MCY	0.02	7.8973e-003
tblVehicleEF	MCY	1.11	0.55
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.55
tblVehicleEF	MCY	4.0000e-003	0.55
tblVehicleEF	MCY	1.9320e-003	0.55
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.55
tblVehicleEF	MCY	1.0000e-003	0.55
tblVehicleEF	MCY	1.8050e-003	0.55
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.70	2.59

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tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.16	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.81	1.26
tblVehicleEF	MCY	2.0730e-003	0.55
tblVehicleEF	MCY	5.9200e-004	4.7113e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.67	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.97	1.37
tblVehicleEF	MDV	3.8560e-003	3.9181e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.86	1.01
tblVehicleEF	MDV	2.81	3.65
tblVehicleEF	MDV	371.74	414.62
tblVehicleEF	MDV	77.98	104.08
tblVehicleEF	MDV	7.9270e-003	8.3898e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003

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tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6750e-003	4.0968e-003
tblVehicleEF	MDV	7.7200e-004	1.0290e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.52
tblVehicleEF	MDV	4.4140e-003	4.1664e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	1.05	1.35
tblVehicleEF	MDV	2.33	3.05
tblVehicleEF	MDV	394.46	438.81
tblVehicleEF	MDV	77.03	102.92
tblVehicleEF	MDV	7.4690e-003	7.5539e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.27	0.39
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003

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tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	3.9000e-003	4.3359e-003
tblVehicleEF	MDV	7.6200e-004	1.0174e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	3.7610e-003	3.8843e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.81	0.95
tblVehicleEF	MDV	2.77	3.66
tblVehicleEF	MDV	366.36	410.18
tblVehicleEF	MDV	77.90	104.11
tblVehicleEF	MDV	7.6430e-003	8.1953e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41

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tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6210e-003	4.0528e-003
tblVehicleEF	MDV	7.7100e-004	1.0293e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MH	8.6210e-003	5.1346e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.4369e-003
tblVehicleEF	MH	1.95	2.24
tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.85	22.02
tblVehicleEF	MH	0.06	1.1392e-006

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tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.46	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2895e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.6949e-008
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2408e-005
tblVehicleEF	MH	1.7700e-004	2.1766e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.4238e-003
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	8.8540e-003	5.2651e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.03	2.6059e-003
tblVehicleEF	MH	1.78	2.09

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tblVehicleEF	MH	1,433.78	5.1753e-003
tblVehicleEF	MH	17.57	21.75
tblVehicleEF	MH	0.06	1.0607e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.35	1.27
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	4.9873e-004
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.06	4.5071e-008
tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5351e-005
tblVehicleEF	MH	1.7400e-004	2.1504e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.07	6.0613e-003
tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	8.6430e-003	5.1387e-005

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tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.5018e-003
tblVehicleEF	MH	1.93	2.25
tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.82	22.03
tblVehicleEF	MH	0.06	1.1147e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.43	1.34
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2030e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.12	34.18
tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.5982e-008
tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3538e-005
tblVehicleEF	MH	1.7600e-004	2.1774e-004
tblVehicleEF	MH	1.12	34.18
tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.3980e-003

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tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MHD	3.0370e-003	0.02
tblVehicleEF	MHD	1.0670e-003	7.6783e-003
tblVehicleEF	MHD	7.4460e-003	5.9090e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.80	0.67
tblVehicleEF	MHD	63.12	159.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.43	5.86
tblVehicleEF	MHD	9.1720e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1470e-003	4.2304e-003
tblVehicleEF	MHD	0.34	0.82
tblVehicleEF	MHD	1.01	0.67
tblVehicleEF	MHD	1.77	1.48
tblVehicleEF	MHD	2.4100e-004	1.1608e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.3000e-004	1.1099e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9900e-004	1.4651e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.4000e-005	5.7952e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8930e-003	0.02
tblVehicleEF	MHD	1.0900e-003	7.7026e-003
tblVehicleEF	MHD	7.1060e-003	5.6772e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.15	0.20
tblVehicleEF	MHD	0.75	0.63
tblVehicleEF	MHD	62.88	158.09
tblVehicleEF	MHD	940.09	1,118.68
tblVehicleEF	MHD	7.34	5.80
tblVehicleEF	MHD	9.1040e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.0170e-003	4.1601e-003
tblVehicleEF	MHD	0.33	0.79
tblVehicleEF	MHD	0.95	0.62

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tblVehicleEF	MHD	1.76	1.47
tblVehicleEF	MHD	2.0600e-004	9.8923e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	1.9700e-004	9.4576e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9700e-004	1.4515e-003
tblVehicleEF	MHD	8.9590e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7322e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.2500e-003	0.02

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tblVehicleEF	MHD	1.0690e-003	7.6786e-003
tblVehicleEF	MHD	7.3590e-003	5.8669e-003
tblVehicleEF	MHD	0.40	0.69
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.79	0.66
tblVehicleEF	MHD	63.46	161.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.41	5.85
tblVehicleEF	MHD	9.2690e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1040e-003	4.2126e-003
tblVehicleEF	MHD	0.36	0.86
tblVehicleEF	MHD	0.99	0.65
tblVehicleEF	MHD	1.77	1.47
tblVehicleEF	MHD	2.8900e-004	1.3976e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.7600e-004	1.3365e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.0200e-004	1.4839e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7865e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	9.0060e-003	0.02
tblVehicleEF	OBUS	5.7900e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.52	2.63
tblVehicleEF	OBUS	66.45	74.72
tblVehicleEF	OBUS	1,394.03	1,435.64
tblVehicleEF	OBUS	20.71	22.01
tblVehicleEF	OBUS	8.3390e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.28
tblVehicleEF	OBUS	0.87	1.03
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	8.1000e-005	4.9883e-004
tblVehicleEF	OBUS	0.13	0.05

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	7.8000e-005	4.7670e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.3400e-004	6.7271e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1760e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	9.0820e-003	0.02
tblVehicleEF	OBUS	5.9630e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.71	0.85
tblVehicleEF	OBUS	2.32	2.45
tblVehicleEF	OBUS	65.76	74.12
tblVehicleEF	OBUS	1,394.07	1,435.67
tblVehicleEF	OBUS	20.35	21.70
tblVehicleEF	OBUS	8.2370e-003	9.9572e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.80	0.96
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	7.2000e-005	4.2688e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	6.9000e-005	4.0786e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.2800e-004	6.6695e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0100e-004	2.1453e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.9410e-003	0.02
tblVehicleEF	OBUS	5.8090e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.54
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.51	2.64
tblVehicleEF	OBUS	67.41	75.56
tblVehicleEF	OBUS	1,394.04	1,435.65
tblVehicleEF	OBUS	20.67	22.02
tblVehicleEF	OBUS	8.4910e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	0.86	1.02
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	9.4000e-005	5.9818e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	9.0000e-005	5.7176e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.4400e-004	6.8066e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1770e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6520e-003	1.35
tblVehicleEF	SBUS	4.4230e-003	6.8206e-003
tblVehicleEF	SBUS	2.12	2.94
tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.58	0.87
tblVehicleEF	SBUS	331.70	270.15

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tblVehicleEF	SBUS	1,082.52	1,220.57
tblVehicleEF	SBUS	3.48	5.41
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7600e-003	5.9990e-003
tblVehicleEF	SBUS	3.05	1.10
tblVehicleEF	SBUS	4.26	2.21
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.9700e-003	1.5870e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	2.8410e-003	1.4998e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.5800e-004	0.06
tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1550e-003	1.2523e-003
tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.4000e-005	5.3511e-005
tblVehicleEF	SBUS	7.5800e-004	0.06

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tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.7220e-003	1.35
tblVehicleEF	SBUS	3.6550e-003	5.7134e-003
tblVehicleEF	SBUS	2.09	2.93
tblVehicleEF	SBUS	0.49	5.03
tblVehicleEF	SBUS	0.41	0.63
tblVehicleEF	SBUS	337.86	272.68
tblVehicleEF	SBUS	1,082.54	1,220.60
tblVehicleEF	SBUS	3.19	5.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.6220e-003	5.7874e-003
tblVehicleEF	SBUS	3.09	1.13
tblVehicleEF	SBUS	3.99	2.07
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.5130e-003	1.4170e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	2.4040e-003	1.3372e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003

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tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2130e-003	1.2763e-003
tblVehicleEF	SBUS	0.01	6.7233e-003
tblVehicleEF	SBUS	3.2000e-005	4.9531e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6490e-003	1.35
tblVehicleEF	SBUS	4.5230e-003	7.0265e-003
tblVehicleEF	SBUS	2.16	2.95
tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.60	0.91
tblVehicleEF	SBUS	323.18	266.66
tblVehicleEF	SBUS	1,082.52	1,220.58
tblVehicleEF	SBUS	3.50	5.48
tblVehicleEF	SBUS	0.05	0.04

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tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7940e-003	6.0725e-003
tblVehicleEF	SBUS	2.98	1.07
tblVehicleEF	SBUS	4.20	2.18
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	3.6010e-003	1.8216e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	3.4450e-003	1.7243e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.0600e-004	0.06
tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0740e-003	1.2192e-003
tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.5000e-005	5.4167e-005
tblVehicleEF	SBUS	7.0600e-004	0.06
tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00

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tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8958e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.41	1.08
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.41	7.56
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.4748e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.2083e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.16	0.92
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	15.98	7.30
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003
tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004

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tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6142e-004
tblVehicleEF	UBUS	1.5800e-004	7.2167e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003
tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.9529e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.35	7.59
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.5006e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003
tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	0.00	39.64

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tblVehicleTrips	ST_TR	2.12	0.59
tblVehicleTrips	ST_TR	1.74	0.59
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	0.00	39.64
tblVehicleTrips	SU_TR	2.12	0.59
tblVehicleTrips	SU_TR	1.74	0.59
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	0.00	39.64
tblVehicleTrips	WD_TR	2.12	0.59
tblVehicleTrips	WD_TR	1.74	0.59

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Energy	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	2,047.3169	2,047.3169	0.0103	9.8700e-003	2,050.5171
Mobile	1.0036	63.5536	32.8027	0.5377	15.6484	0.8330	16.4814	4.1768	0.7967	4.9735	0.0000	54,067.3089	54,067.3089	4.1289	8.2042	56,615.3817
Waste						0.0000	0.0000		0.0000	0.0000	362.5175	0.0000	362.5175	21.4242	0.0000	898.1218
Water						0.0000	0.0000		0.0000	0.0000	138.7363	872.5990	1,011.3353	14.2496	0.3365	1,467.8399
Total	9.1436	64.0486	33.2437	0.5407	15.6484	0.8707	16.5191	4.1768	0.8344	5.0112	501.2538	56,987.2745	57,488.5283	39.8130	8.5505	61,031.9132

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Energy	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	1,769.3795	1,769.3795	8.9000e-003	8.5100e-003	1,772.1383
Mobile	1.0036	63.5536	32.8027	0.5377	15.6484	0.8330	16.4814	4.1768	0.7967	4.9735	0.0000	54,067.3089	54,067.3089	4.1289	8.2042	56,615.3817
Waste						0.0000	0.0000		0.0000	0.0000	90.6294	0.0000	90.6294	5.3560	0.0000	224.5304
Water						0.0000	0.0000		0.0000	0.0000	110.9890	699.1017	810.0908	11.3996	0.2692	1,175.2944
Total	9.1348	63.9802	33.1757	0.5403	15.6484	0.8655	16.5138	4.1768	0.8291	5.0060	201.6184	56,535.8168	56,737.4353	20.8935	8.4819	59,787.3730

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.10	0.11	0.20	0.08	0.00	0.60	0.03	0.00	0.63	0.10	59.78	0.79	1.31	47.52	0.80	2.04

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	12/31/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Grading Phase): 0

Acres of Paving: 98.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Transit Subsidy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Employee Vanpool/Shuttle

Provide Ride Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0036	63.5536	32.8027	0.5377	15.6484	0.8330	16.4814	4.1768	0.7967	4.9735	0.0000	54,067.3089	54,067.3089	4.1289	8.2042	56,615.3817
Unmitigated	1.0036	63.5536	32.8027	0.5377	15.6484	0.8330	16.4814	4.1768	0.7967	4.9735	0.0000	54,067.3089	54,067.3089	4.1289	8.2042	56,615.3817

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	2,444.20	2,444.20	2444.20	29,537,697	29,537,697
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	73.75	73.75	73.75	891,254	891,254
Unrefrigerated Warehouse-Rail	1,023.83	1,023.83	1023.83	12,372,745	12,372,745
Total	3,541.78	3,541.78	3,541.78	42,801,696	42,801,696

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.118984	0.243984	0.637032	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Refrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.206417	0.178577	0.615006	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.206417	0.178577	0.615006	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,305.1173	1,305.1173	0.0000	0.0000	1,305.1173
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,508.8012	1,508.8012	0.0000	0.0000	1,508.8012
Natural Gas Mitigated	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5100e-003	467.0211
Natural Gas Unmitigated	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	137200	7.4000e-004	6.7300e-003	5.6500e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	7.3215	7.3215	1.4000e-004	1.3000e-004	7.3650
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	3.48795e+006	0.0188	0.1710	0.1436	1.0300e-003		0.0130	0.0130		0.0130	0.0130	0.0000	186.1305	186.1305	3.5700e-003	3.4100e-003	187.2365
Total		0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	89180	4.8000e-004	4.3700e-003	3.6700e-003	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	4.7590	4.7590	9.0000e-005	9.0000e-005	4.7873
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	2.28539e+006	0.0123	0.1120	0.0941	6.7000e-004		8.5100e-003	8.5100e-003		8.5100e-003	8.5100e-003	0.0000	121.9571	121.9571	2.3400e-003	2.2400e-003	122.6819
Total		0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5200e-003	467.0211

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	367600	55.8581	0.0000	0.0000	55.8581
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	555869	84.4662	0.0000	0.0000	84.4662
Refrigerated Warehouse-Rail	4.98e+006	756.7282	0.0000	0.0000	756.7282
Unrefrigerated Warehouse-Rail	4.0259e+006	611.7488	0.0000	0.0000	611.7488
Total		1,508.8012	0.0000	0.0000	1,508.8012

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	278000	42.2431	0.0000	0.0000	42.2431
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	361315	54.9031	0.0000	0.0000	54.9031
Refrigerated Warehouse-Rail	4.83475e+006	734.6569	0.0000	0.0000	734.6569
Unrefrigerated Warehouse-Rail	3.11486e+006	473.3142	0.0000	0.0000	473.3142
Total		1,305.1173	0.0000	0.0000	1,305.1173

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Unmitigated	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3400e-003	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Total	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.9000e-004	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Total	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

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	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	810.0908	11.3996	0.2692	1,175.2944
Unmitigated	1,011.3353	14.2496	0.3365	1,467.8399

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 4.35734	23.6780	0.2317	5.4700e-003	31.0995
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	66.3641	0.9419	0.0222	96.5396
Unrefrigerated Warehouse-Rail	401.288 / 0	921.2932	13.0760	0.3088	1,340.2008
Total		1,011.3353	14.2496	0.3365	1,467.8399

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7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.68748 / 4.09155	19.9649	0.1853	4.3800e-003	25.9021
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	53.0913	0.7535	0.0178	77.2317
Unrefrigerated Warehouse-Rail	321.031 / 0	737.0346	10.4608	0.2470	1,072.1607
Total		810.0907	11.3996	0.2692	1,175.2944

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	90.6294	5.3560	0.0000	224.5304
Unmitigated	362.5175	21.4242	0.0000	898.1218

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	37.2	7.5513	0.4463	0.0000	18.7079
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	1631.18	331.1148	19.5683	0.0000	820.3229
Total		362.5175	21.4242	0.0000	898.1218

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	9.3	1.8878	0.1116	0.0000	4.6770
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	407.795	82.7787	4.8921	0.0000	205.0807
Total		90.6294	5.3560	0.0000	224.5304

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 1b Vans)(*Mobile Source/Truck Operations Only)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	40.00	1000sqft	0.92	40,000.00	0
Refrigerated Warehouse-Rail	125.00	1000sqft	2.87	125,000.00	0
Unrefrigerated Warehouse-Rail	1,735.30	1000sqft	39.84	1,735,300.00	0
Other Asphalt Surfaces	61.66	Acre	61.66	2,685,909.60	0
Parking Lot	36.46	Acre	36.46	1,588,197.60	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2025
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	335	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 Factor adjusted per RPS

Land Use -

Construction Phase - operations only

Off-road Equipment - Anticipated equipment

Off-road Equipment -

Trips and VMT - anticipated concrete truck trips

Demolition -

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

- Grading -
- Vehicle Trips - Phase 1b vans run
- Vehicle Emission Factors - EMFAC 2021
- Vehicle Emission Factors - EMFAC 2021
- Vehicle Emission Factors - EMFAC 2021
- Road Dust - adjusted per CARB guidance for Riverside and SB counties
- Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%
- Construction Off-road Equipment Mitigation - SCAQMD rule compliance
- Mobile Commute Mitigation -
- Area Mitigation -
- Energy Mitigation -
- Water Mitigation -
- Waste Mitigation -
- Fleet Mix - Phase 1b vans run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	200.00	0.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.54	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	7.0090e-003	1.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.6060e-003	0.00

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tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.5200e-004	0.00
tblFleetMix	SBUS	9.5600e-004	0.00
tblFleetMix	UBUS	2.4800e-004	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	335
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.4052e-008
tblVehicleEF	HHD	8.64	5.29
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1350e-003	1.0677e-003
tblVehicleEF	HHD	1,377.00	811.82
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.2142e-006
tblVehicleEF	HHD	7.06	3.98
tblVehicleEF	HHD	2.14	1.67
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.9130e-003	2.0729e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.7870e-003	1.9787e-003

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tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.7531e-007
tblVehicleEF	HHD	0.01	6.9121e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7125e-007
tblVehicleEF	HHD	2.0000e-006	1.8370e-004
tblVehicleEF	HHD	5.6000e-005	4.5691e-005
tblVehicleEF	HHD	0.67	0.57
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.3000e-005	4.8603e-005
tblVehicleEF	HHD	1.0000e-006	1.9194e-007
tblVehicleEF	HHD	0.03	0.23
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.2487e-008
tblVehicleEF	HHD	8.52	5.23
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.0010e-003	1.0080e-003
tblVehicleEF	HHD	1,359.81	803.46
tblVehicleEF	HHD	1,260.88	1,528.41

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tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.1274e-006
tblVehicleEF	HHD	6.72	3.80
tblVehicleEF	HHD	2.02	1.57
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	2.5690e-003	1.8267e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	2.4580e-003	1.7432e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005
tblVehicleEF	HHD	0.62	0.34
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.6775e-007
tblVehicleEF	HHD	0.01	6.8329e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7031e-007
tblVehicleEF	HHD	4.0000e-006	2.8198e-004
tblVehicleEF	HHD	6.5000e-005	5.0521e-005

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tblVehicleEF	HHD	0.71	0.59
tblVehicleEF	HHD	3.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.4000e-005	5.2030e-005
tblVehicleEF	HHD	1.0000e-006	1.8366e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.14
tblVehicleEF	HHD	0.00	3.3858e-008
tblVehicleEF	HHD	8.80	5.38
tblVehicleEF	HHD	0.33	0.79
tblVehicleEF	HHD	2.1050e-003	1.0594e-003
tblVehicleEF	HHD	1,400.73	823.37
tblVehicleEF	HHD	1,260.88	1,528.41
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.25
tblVehicleEF	HHD	5.0000e-006	8.1881e-006
tblVehicleEF	HHD	7.53	4.22
tblVehicleEF	HHD	2.11	1.64
tblVehicleEF	HHD	2.33	2.65
tblVehicleEF	HHD	3.3870e-003	2.4128e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	6.5960e-007
tblVehicleEF	HHD	3.2410e-003	2.3039e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9140e-003	8.8051e-003
tblVehicleEF	HHD	0.02	0.02

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tblVehicleEF	HHD	0.00	6.0648e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005
tblVehicleEF	HHD	0.53	0.29
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.7434e-007
tblVehicleEF	HHD	0.01	7.0215e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.7112e-007
tblVehicleEF	HHD	2.0000e-006	1.8870e-004
tblVehicleEF	HHD	6.5000e-005	4.5240e-005
tblVehicleEF	HHD	0.61	0.54
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.16
tblVehicleEF	HHD	2.4000e-005	5.1002e-005
tblVehicleEF	HHD	1.0000e-006	1.9088e-007
tblVehicleEF	LDA	1.7080e-003	1.9620e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.53	0.67
tblVehicleEF	LDA	1.93	2.61
tblVehicleEF	LDA	238.15	260.20
tblVehicleEF	LDA	48.93	64.94
tblVehicleEF	LDA	3.9170e-003	4.0426e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003

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tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.1620e-003	7.1305e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.26
tblVehicleEF	LDA	2.3560e-003	2.5722e-003
tblVehicleEF	LDA	4.8400e-004	6.4196e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.9600e-003	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDA	1.9600e-003	2.0865e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.65	0.89
tblVehicleEF	LDA	1.61	2.19
tblVehicleEF	LDA	259.99	282.24
tblVehicleEF	LDA	48.33	64.15
tblVehicleEF	LDA	3.6720e-003	3.5948e-003
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.14	0.20
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	6.9860e-003	7.4844e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	2.5720e-003	2.7900e-003
tblVehicleEF	LDA	4.7800e-004	6.3423e-004
tblVehicleEF	LDA	0.10	0.40
tblVehicleEF	LDA	0.10	0.09
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	0.01	0.01
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	1.6660e-003	1.9458e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.50	0.62
tblVehicleEF	LDA	1.90	2.61
tblVehicleEF	LDA	233.04	256.15

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tblVehicleEF	LDA	48.87	64.95
tblVehicleEF	LDA	3.7570e-003	3.9376e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.22
tblVehicleEF	LDA	0.04	7.1205e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2760e-003	1.1848e-003
tblVehicleEF	LDA	1.6410e-003	1.9375e-003
tblVehicleEF	LDA	0.02	2.4922e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1750e-003	1.0902e-003
tblVehicleEF	LDA	1.5090e-003	1.7815e-003
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	6.0060e-003	7.0743e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	2.3050e-003	2.5322e-003
tblVehicleEF	LDA	4.8400e-004	6.4209e-004
tblVehicleEF	LDA	0.05	0.31
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	8.7330e-003	0.01
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.19	0.29
tblVehicleEF	LDT1	4.5970e-003	8.1809e-003
tblVehicleEF	LDT1	0.06	0.12

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tblVehicleEF	LDT1	1.02	1.81
tblVehicleEF	LDT1	2.15	5.92
tblVehicleEF	LDT1	283.77	334.40
tblVehicleEF	LDT1	59.69	88.18
tblVehicleEF	LDT1	6.7580e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.17
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.8080e-003	3.3058e-003
tblVehicleEF	LDT1	5.9100e-004	8.7174e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.21	0.22
tblVehicleEF	LDT1	0.11	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.09	0.08

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tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT1	5.2210e-003	8.6781e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	1.24	2.41
tblVehicleEF	LDT1	1.79	4.93
tblVehicleEF	LDT1	306.50	360.35
tblVehicleEF	LDT1	58.95	86.30
tblVehicleEF	LDT1	6.2730e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.14
tblVehicleEF	LDT1	0.22	0.41
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24
tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.26	0.54
tblVehicleEF	LDT1	3.0330e-003	3.5624e-003
tblVehicleEF	LDT1	5.8300e-004	8.5315e-004
tblVehicleEF	LDT1	0.30	1.20
tblVehicleEF	LDT1	0.25	0.24

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tblVehicleEF	LDT1	0.23	0.00
tblVehicleEF	LDT1	0.03	0.06
tblVehicleEF	LDT1	0.09	0.08
tblVehicleEF	LDT1	0.29	0.59
tblVehicleEF	LDT1	4.4920e-003	8.1118e-003
tblVehicleEF	LDT1	0.06	0.12
tblVehicleEF	LDT1	0.97	1.70
tblVehicleEF	LDT1	2.11	5.94
tblVehicleEF	LDT1	278.38	329.62
tblVehicleEF	LDT1	59.63	88.22
tblVehicleEF	LDT1	6.4760e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.08	0.16
tblVehicleEF	LDT1	0.23	0.44
tblVehicleEF	LDT1	0.04	8.8228e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.7400e-003	2.0954e-003
tblVehicleEF	LDT1	2.2850e-003	3.3018e-003
tblVehicleEF	LDT1	0.02	3.0880e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.6000e-003	1.9275e-003
tblVehicleEF	LDT1	2.1010e-003	3.0359e-003
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	2.7550e-003	3.2586e-003

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tblVehicleEF	LDT1	5.9000e-004	8.7210e-004
tblVehicleEF	LDT1	0.15	0.91
tblVehicleEF	LDT1	0.23	0.22
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.34	0.69
tblVehicleEF	LDT2	3.0790e-003	2.7679e-003
tblVehicleEF	LDT2	0.06	0.07
tblVehicleEF	LDT2	0.77	0.84
tblVehicleEF	LDT2	2.49	3.23
tblVehicleEF	LDT2	296.94	338.28
tblVehicleEF	LDT2	62.71	84.59
tblVehicleEF	LDT2	5.6980e-003	5.7730e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.24	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.01	0.01

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tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.9380e-003	3.3439e-003
tblVehicleEF	LDT2	6.2100e-004	8.3622e-004
tblVehicleEF	LDT2	0.09	0.33
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.08	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LDT2	3.5190e-003	2.9421e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.94	1.12
tblVehicleEF	LDT2	2.06	2.71
tblVehicleEF	LDT2	318.51	361.67
tblVehicleEF	LDT2	61.89	83.60
tblVehicleEF	LDT2	5.3190e-003	5.1454e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.06	0.05
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.18	0.42

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tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.23	0.29
tblVehicleEF	LDT2	3.1510e-003	3.5751e-003
tblVehicleEF	LDT2	6.1200e-004	8.2646e-004
tblVehicleEF	LDT2	0.18	0.42
tblVehicleEF	LDT2	0.15	0.09
tblVehicleEF	LDT2	0.16	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	3.0060e-003	2.7451e-003
tblVehicleEF	LDT2	0.06	0.08
tblVehicleEF	LDT2	0.73	0.78
tblVehicleEF	LDT2	2.45	3.24
tblVehicleEF	LDT2	291.83	333.98
tblVehicleEF	LDT2	62.64	84.61
tblVehicleEF	LDT2	5.4640e-003	5.6264e-003
tblVehicleEF	LDT2	0.03	0.04
tblVehicleEF	LDT2	0.06	0.06
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	0.04	8.3384e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3590e-003	1.2540e-003
tblVehicleEF	LDT2	1.7340e-003	2.0104e-003
tblVehicleEF	LDT2	0.02	2.9184e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003

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tblVehicleEF	LDT2	1.2500e-003	1.1535e-003
tblVehicleEF	LDT2	1.5950e-003	1.8485e-003
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	2.8870e-003	3.3013e-003
tblVehicleEF	LDT2	6.2000e-004	8.3642e-004
tblVehicleEF	LDT2	0.09	0.34
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.02
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.29	0.37
tblVehicleEF	LHD1	4.4980e-003	5.0070e-003
tblVehicleEF	LHD1	4.8130e-003	2.8214e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.61
tblVehicleEF	LHD1	0.94	1.92
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.71	354.89
tblVehicleEF	LHD1	10.21	16.27
tblVehicleEF	LHD1	8.5900e-004	7.2256e-004
tblVehicleEF	LHD1	0.04	5.3107e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06

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tblVehicleEF	LHD1	1.13	0.09
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	0.01	4.7768e-003
tblVehicleEF	LHD1	9.4060e-003	6.8794e-004
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5020e-003	1.1942e-003
tblVehicleEF	LHD1	8.9760e-003	6.3253e-004
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	3.5084e-003
tblVehicleEF	LHD1	1.0100e-004	1.6083e-004
tblVehicleEF	LHD1	2.6930e-003	0.13
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3450e-003	0.00
tblVehicleEF	LHD1	0.07	0.02
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.07	0.11

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tblVehicleEF	LHD1	4.5120e-003	5.0253e-003
tblVehicleEF	LHD1	4.9120e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.66	0.12
tblVehicleEF	LHD1	0.88	1.82
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.74	196.64
tblVehicleEF	LHD1	10.10	16.10
tblVehicleEF	LHD1	8.6200e-004	7.2487e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.06	0.60
tblVehicleEF	LHD1	0.26	0.38
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	3.0170e-003	0.00

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tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0000e-004	1.5918e-004
tblVehicleEF	LHD1	5.2970e-003	0.17
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	3.0170e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.22	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD1	4.5010e-003	5.0091e-003
tblVehicleEF	LHD1	4.8240e-003	1.8912e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.19
tblVehicleEF	LHD1	0.64	0.12
tblVehicleEF	LHD1	0.92	1.91
tblVehicleEF	LHD1	9.12	8.84
tblVehicleEF	LHD1	622.72	196.64
tblVehicleEF	LHD1	10.18	16.25
tblVehicleEF	LHD1	8.6000e-004	7.2322e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.11	0.62
tblVehicleEF	LHD1	0.27	0.39
tblVehicleEF	LHD1	9.8200e-004	7.8652e-004

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tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9102e-003
tblVehicleEF	LHD1	9.4060e-003	0.01
tblVehicleEF	LHD1	2.3100e-004	2.0921e-004
tblVehicleEF	LHD1	9.4000e-004	7.5249e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5020e-003	1.2276e-003
tblVehicleEF	LHD1	8.9760e-003	9.7899e-003
tblVehicleEF	LHD1	2.1300e-004	1.9236e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.8000e-005	8.5809e-005
tblVehicleEF	LHD1	6.0590e-003	1.8632e-003
tblVehicleEF	LHD1	1.0100e-004	1.6066e-004
tblVehicleEF	LHD1	2.9190e-003	0.14
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.3230e-003	0.00
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.23	0.07
tblVehicleEF	LHD1	0.07	0.11
tblVehicleEF	LHD2	3.0290e-003	3.3816e-003
tblVehicleEF	LHD2	3.3290e-003	1.0183e-003
tblVehicleEF	LHD2	7.7710e-003	0.01

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tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.26
tblVehicleEF	LHD2	0.54	1.18
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	236.88
tblVehicleEF	LHD2	7.26	10.25
tblVehicleEF	LHD2	1.8100e-003	1.6419e-003
tblVehicleEF	LHD2	0.06	3.0442e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.21	0.05
tblVehicleEF	LHD2	0.18	0.26
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8235e-003
tblVehicleEF	LHD2	0.01	3.4405e-004
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7030e-003	7.0588e-004
tblVehicleEF	LHD2	0.01	3.1634e-004
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.05	4.6402e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06

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tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	2.3418e-003
tblVehicleEF	LHD2	7.2000e-005	1.0131e-004
tblVehicleEF	LHD2	1.3290e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	7.2000e-004	0.00
tblVehicleEF	LHD2	0.06	6.7710e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0380e-003	3.3937e-003
tblVehicleEF	LHD2	3.3590e-003	2.7712e-003
tblVehicleEF	LHD2	7.4220e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.44	0.16
tblVehicleEF	LHD2	0.51	1.12
tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.32	376.11
tblVehicleEF	LHD2	7.20	10.14
tblVehicleEF	LHD2	1.8120e-003	1.6434e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.14	0.75
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0110e-003	3.5639e-003
tblVehicleEF	LHD2	7.1000e-005	1.0029e-004
tblVehicleEF	LHD2	2.5650e-003	0.10
tblVehicleEF	LHD2	0.05	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.5490e-003	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	LHD2	3.0310e-003	3.3829e-003
tblVehicleEF	LHD2	3.3320e-003	2.7712e-003
tblVehicleEF	LHD2	7.7050e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.43	0.16
tblVehicleEF	LHD2	0.54	1.18

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tblVehicleEF	LHD2	14.24	13.66
tblVehicleEF	LHD2	623.31	376.11
tblVehicleEF	LHD2	7.24	10.24
tblVehicleEF	LHD2	1.8110e-003	1.6423e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.20	0.78
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4410e-003	1.2964e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.8326e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.1200e-004	9.8169e-005
tblVehicleEF	LHD2	1.3780e-003	1.2403e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7030e-003	1.9582e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0300e-004	9.0262e-005
tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3600e-004	1.3097e-004
tblVehicleEF	LHD2	6.0100e-003	3.5639e-003
tblVehicleEF	LHD2	7.2000e-005	1.0120e-004

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tblVehicleEF	LHD2	1.3530e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9900e-004	0.00
tblVehicleEF	LHD2	0.06	0.07
tblVehicleEF	LHD2	0.10	0.04
tblVehicleEF	LHD2	0.04	0.07
tblVehicleEF	MCY	0.33	0.57
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	19.66	0.57
tblVehicleEF	MCY	8.85	7.68
tblVehicleEF	MCY	211.00	0.57
tblVehicleEF	MCY	60.62	47.89
tblVehicleEF	MCY	0.07	0.57
tblVehicleEF	MCY	0.02	7.8912e-003
tblVehicleEF	MCY	1.15	0.57
tblVehicleEF	MCY	0.27	0.13
tblVehicleEF	MCY	0.01	0.57
tblVehicleEF	MCY	4.0000e-003	0.57
tblVehicleEF	MCY	1.9320e-003	0.57
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.57
tblVehicleEF	MCY	1.0000e-003	0.57
tblVehicleEF	MCY	1.8050e-003	0.57
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.19	0.57

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tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	1.87	1.27
tblVehicleEF	MCY	2.0880e-003	0.57
tblVehicleEF	MCY	6.0000e-004	4.7345e-004
tblVehicleEF	MCY	1.45	2.50
tblVehicleEF	MCY	0.82	3.59
tblVehicleEF	MCY	0.79	0.00
tblVehicleEF	MCY	2.71	0.57
tblVehicleEF	MCY	0.40	0.57
tblVehicleEF	MCY	2.04	1.39
tblVehicleEF	MCY	0.32	0.49
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.80	0.49
tblVehicleEF	MCY	7.97	6.92
tblVehicleEF	MCY	211.03	0.49
tblVehicleEF	MCY	58.35	46.19
tblVehicleEF	MCY	0.06	0.49
tblVehicleEF	MCY	0.01	7.7414e-003
tblVehicleEF	MCY	0.98	0.49
tblVehicleEF	MCY	0.25	0.12
tblVehicleEF	MCY	0.01	0.49
tblVehicleEF	MCY	4.0000e-003	0.49
tblVehicleEF	MCY	1.9320e-003	0.49
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.49
tblVehicleEF	MCY	1.0000e-003	0.49
tblVehicleEF	MCY	1.8050e-003	0.49
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	3.13	3.75

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tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.14	0.49
tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.61	1.12
tblVehicleEF	MCY	2.0880e-003	0.49
tblVehicleEF	MCY	5.7700e-004	4.5668e-004
tblVehicleEF	MCY	3.13	3.75
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.09	0.00
tblVehicleEF	MCY	2.65	0.49
tblVehicleEF	MCY	0.40	0.49
tblVehicleEF	MCY	1.75	1.22
tblVehicleEF	MCY	0.32	0.55
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.81	0.55
tblVehicleEF	MCY	8.50	7.56
tblVehicleEF	MCY	209.52	0.55
tblVehicleEF	MCY	59.85	47.66
tblVehicleEF	MCY	0.06	0.55
tblVehicleEF	MCY	0.02	7.8973e-003
tblVehicleEF	MCY	1.11	0.55
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.55
tblVehicleEF	MCY	4.0000e-003	0.55
tblVehicleEF	MCY	1.9320e-003	0.55
tblVehicleEF	MCY	2.8200e-003	3.2888e-003
tblVehicleEF	MCY	5.0400e-003	0.55
tblVehicleEF	MCY	1.0000e-003	0.55

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tblVehicleEF	MCY	1.8050e-003	0.55
tblVehicleEF	MCY	2.6490e-003	3.0883e-003
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.16	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.81	1.26
tblVehicleEF	MCY	2.0730e-003	0.55
tblVehicleEF	MCY	5.9200e-004	4.7113e-004
tblVehicleEF	MCY	1.70	2.59
tblVehicleEF	MCY	1.09	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.67	0.55
tblVehicleEF	MCY	0.46	0.55
tblVehicleEF	MCY	1.97	1.37
tblVehicleEF	MDV	3.8560e-003	3.9181e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.86	1.01
tblVehicleEF	MDV	2.81	3.65
tblVehicleEF	MDV	371.74	414.62
tblVehicleEF	MDV	77.98	104.08
tblVehicleEF	MDV	7.9270e-003	8.3898e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.08	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003

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tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6750e-003	4.0968e-003
tblVehicleEF	MDV	7.7200e-004	1.0290e-003
tblVehicleEF	MDV	0.11	0.45
tblVehicleEF	MDV	0.15	0.11
tblVehicleEF	MDV	0.10	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.37	0.52
tblVehicleEF	MDV	4.4140e-003	4.1664e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	1.05	1.35
tblVehicleEF	MDV	2.33	3.05
tblVehicleEF	MDV	394.46	438.81
tblVehicleEF	MDV	77.03	102.92
tblVehicleEF	MDV	7.4690e-003	7.5539e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.27	0.39

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tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	3.9000e-003	4.3359e-003
tblVehicleEF	MDV	7.6200e-004	1.0174e-003
tblVehicleEF	MDV	0.22	0.56
tblVehicleEF	MDV	0.18	0.11
tblVehicleEF	MDV	0.20	0.00
tblVehicleEF	MDV	0.03	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.45
tblVehicleEF	MDV	3.7610e-003	3.8843e-003
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.81	0.95
tblVehicleEF	MDV	2.77	3.66
tblVehicleEF	MDV	366.36	410.18
tblVehicleEF	MDV	77.90	104.11
tblVehicleEF	MDV	7.6430e-003	8.1953e-003

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tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.10
tblVehicleEF	MDV	0.29	0.41
tblVehicleEF	MDV	0.04	8.5906e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.4230e-003	1.3679e-003
tblVehicleEF	MDV	1.7590e-003	2.1104e-003
tblVehicleEF	MDV	0.02	3.0067e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.3120e-003	1.2615e-003
tblVehicleEF	MDV	1.6180e-003	1.9405e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.6210e-003	4.0528e-003
tblVehicleEF	MDV	7.7100e-004	1.0293e-003
tblVehicleEF	MDV	0.10	0.46
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.37	0.53
tblVehicleEF	MH	8.6210e-003	5.1346e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.4369e-003
tblVehicleEF	MH	1.95	2.24

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tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.85	22.02
tblVehicleEF	MH	0.06	1.1392e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.46	1.36
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2895e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.6949e-008
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.2408e-005
tblVehicleEF	MH	1.7700e-004	2.1766e-004
tblVehicleEF	MH	0.98	34.03
tblVehicleEF	MH	0.06	7.99
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.4238e-003
tblVehicleEF	MH	0.02	2.0695e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MH	8.8540e-003	5.2651e-005

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tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	1.03	2.6059e-003
tblVehicleEF	MH	1.78	2.09
tblVehicleEF	MH	1,433.78	5.1753e-003
tblVehicleEF	MH	17.57	21.75
tblVehicleEF	MH	0.06	1.0607e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.35	1.27
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	4.9873e-004
tblVehicleEF	MH	0.04	0.12
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.06	4.5071e-008
tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	4.5351e-005
tblVehicleEF	MH	1.7400e-004	2.1504e-004
tblVehicleEF	MH	1.94	44.12
tblVehicleEF	MH	0.07	8.66
tblVehicleEF	MH	0.84	0.00
tblVehicleEF	MH	0.07	6.0613e-003

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tblVehicleEF	MH	0.02	2.1519e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	8.6430e-003	5.1387e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	1.00	2.5018e-003
tblVehicleEF	MH	1.93	2.25
tblVehicleEF	MH	1,433.73	5.1751e-003
tblVehicleEF	MH	17.82	22.03
tblVehicleEF	MH	0.06	1.1147e-006
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.43	1.34
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.6953e-011
tblVehicleEF	MH	0.04	3.0794e-009
tblVehicleEF	MH	2.3000e-004	2.6048e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2930e-003	5.2030e-004
tblVehicleEF	MH	0.04	0.13
tblVehicleEF	MH	2.1100e-004	2.3950e-004
tblVehicleEF	MH	1.12	34.18
tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.05	4.5982e-008
tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	4.3538e-005
tblVehicleEF	MH	1.7600e-004	2.1774e-004
tblVehicleEF	MH	1.12	34.18

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tblVehicleEF	MH	0.07	7.95
tblVehicleEF	MH	0.36	0.00
tblVehicleEF	MH	0.07	5.3980e-003
tblVehicleEF	MH	0.02	2.1228e-003
tblVehicleEF	MH	0.10	0.11
tblVehicleEF	MHD	3.0370e-003	0.02
tblVehicleEF	MHD	1.0670e-003	7.6783e-003
tblVehicleEF	MHD	7.4460e-003	5.9090e-003
tblVehicleEF	MHD	0.34	0.64
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.80	0.67
tblVehicleEF	MHD	63.12	159.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.43	5.86
tblVehicleEF	MHD	9.1720e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1470e-003	4.2304e-003
tblVehicleEF	MHD	0.34	0.82
tblVehicleEF	MHD	1.01	0.67
tblVehicleEF	MHD	1.77	1.48
tblVehicleEF	MHD	2.4100e-004	1.1608e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.3000e-004	1.1099e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003

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tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9900e-004	1.4651e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.4000e-005	5.7952e-005
tblVehicleEF	MHD	4.4300e-004	0.02
tblVehicleEF	MHD	0.02	4.3023e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3800e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.01	9.9479e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8930e-003	0.02
tblVehicleEF	MHD	1.0900e-003	7.7026e-003
tblVehicleEF	MHD	7.1060e-003	5.6772e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.15	0.20
tblVehicleEF	MHD	0.75	0.63
tblVehicleEF	MHD	62.88	158.09
tblVehicleEF	MHD	940.09	1,118.68
tblVehicleEF	MHD	7.34	5.80
tblVehicleEF	MHD	9.1040e-003	0.02
tblVehicleEF	MHD	0.12	0.15

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tblVehicleEF	MHD	6.0170e-003	4.1601e-003
tblVehicleEF	MHD	0.33	0.79
tblVehicleEF	MHD	0.95	0.62
tblVehicleEF	MHD	1.76	1.47
tblVehicleEF	MHD	2.0600e-004	9.8923e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	1.9700e-004	9.4576e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9700e-004	1.4515e-003
tblVehicleEF	MHD	8.9590e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7322e-005
tblVehicleEF	MHD	8.6600e-004	0.03
tblVehicleEF	MHD	0.02	4.6560e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	5.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.2500e-003	0.02
tblVehicleEF	MHD	1.0690e-003	7.6786e-003
tblVehicleEF	MHD	7.3590e-003	5.8669e-003
tblVehicleEF	MHD	0.40	0.69
tblVehicleEF	MHD	0.14	0.19
tblVehicleEF	MHD	0.79	0.66
tblVehicleEF	MHD	63.46	161.53
tblVehicleEF	MHD	940.09	1,118.67
tblVehicleEF	MHD	7.41	5.85
tblVehicleEF	MHD	9.2690e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.1040e-003	4.2126e-003
tblVehicleEF	MHD	0.36	0.86
tblVehicleEF	MHD	0.99	0.65
tblVehicleEF	MHD	1.77	1.47
tblVehicleEF	MHD	2.8900e-004	1.3976e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.6590e-003	8.2260e-003
tblVehicleEF	MHD	8.6000e-005	6.4573e-005
tblVehicleEF	MHD	2.7600e-004	1.3365e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3240e-003	7.8661e-003
tblVehicleEF	MHD	7.9000e-005	5.9373e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003

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tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	6.0200e-004	1.4839e-003
tblVehicleEF	MHD	8.9580e-003	0.01
tblVehicleEF	MHD	7.3000e-005	5.7865e-005
tblVehicleEF	MHD	4.6200e-004	0.02
tblVehicleEF	MHD	0.02	4.2766e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.3200e-004	0.00
tblVehicleEF	MHD	0.01	0.03
tblVehicleEF	MHD	0.02	0.01
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	9.0060e-003	0.02
tblVehicleEF	OBUS	5.7900e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.52	2.63
tblVehicleEF	OBUS	66.45	74.72
tblVehicleEF	OBUS	1,394.03	1,435.64
tblVehicleEF	OBUS	20.71	22.01
tblVehicleEF	OBUS	8.3390e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.28
tblVehicleEF	OBUS	0.87	1.03

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tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	8.1000e-005	4.9883e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	7.8000e-005	4.7670e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.3400e-004	6.7271e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1760e-004
tblVehicleEF	OBUS	2.7570e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1520e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	9.0820e-003	0.02

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tblVehicleEF	OBUS	5.9630e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.53
tblVehicleEF	OBUS	0.71	0.85
tblVehicleEF	OBUS	2.32	2.45
tblVehicleEF	OBUS	65.76	74.12
tblVehicleEF	OBUS	1,394.07	1,435.67
tblVehicleEF	OBUS	20.35	21.70
tblVehicleEF	OBUS	8.2370e-003	9.9572e-003
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.23	0.27
tblVehicleEF	OBUS	0.80	0.96
tblVehicleEF	OBUS	0.66	0.68
tblVehicleEF	OBUS	7.2000e-005	4.2688e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	6.9000e-005	4.0786e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.03	0.05

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tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.2800e-004	6.6695e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0100e-004	2.1453e-004
tblVehicleEF	OBUS	5.3510e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	2.6140e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.14
tblVehicleEF	OBUS	8.9410e-003	0.02
tblVehicleEF	OBUS	5.8090e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.51	0.54
tblVehicleEF	OBUS	0.69	0.84
tblVehicleEF	OBUS	2.51	2.64
tblVehicleEF	OBUS	67.41	75.56
tblVehicleEF	OBUS	1,394.04	1,435.65
tblVehicleEF	OBUS	20.67	22.02
tblVehicleEF	OBUS	8.4910e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.29
tblVehicleEF	OBUS	0.86	1.02
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	9.4000e-005	5.9818e-004
tblVehicleEF	OBUS	0.13	0.05

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tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3490e-003	0.02
tblVehicleEF	OBUS	2.3700e-004	2.3443e-004
tblVehicleEF	OBUS	9.0000e-005	5.7176e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0530e-003	0.02
tblVehicleEF	OBUS	2.1800e-004	2.1555e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.4400e-004	6.8066e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0500e-004	2.1770e-004
tblVehicleEF	OBUS	2.9210e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.07
tblVehicleEF	OBUS	1.1560e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6520e-003	1.35
tblVehicleEF	SBUS	4.4230e-003	6.8206e-003
tblVehicleEF	SBUS	2.12	2.94

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tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.58	0.87
tblVehicleEF	SBUS	331.70	270.15
tblVehicleEF	SBUS	1,082.52	1,220.57
tblVehicleEF	SBUS	3.48	5.41
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7600e-003	5.9990e-003
tblVehicleEF	SBUS	3.05	1.10
tblVehicleEF	SBUS	4.26	2.21
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.9700e-003	1.5870e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	2.8410e-003	1.4998e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.5800e-004	0.06
tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1550e-003	1.2523e-003

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tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.4000e-005	5.3511e-005
tblVehicleEF	SBUS	7.5800e-004	0.06
tblVehicleEF	SBUS	5.7310e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	9.7720e-003	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.7220e-003	1.35
tblVehicleEF	SBUS	3.6550e-003	5.7134e-003
tblVehicleEF	SBUS	2.09	2.93
tblVehicleEF	SBUS	0.49	5.03
tblVehicleEF	SBUS	0.41	0.63
tblVehicleEF	SBUS	337.86	272.68
tblVehicleEF	SBUS	1,082.54	1,220.60
tblVehicleEF	SBUS	3.19	5.01
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.6220e-003	5.7874e-003
tblVehicleEF	SBUS	3.09	1.13
tblVehicleEF	SBUS	3.99	2.07
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	2.5130e-003	1.4170e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005

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tblVehicleEF	SBUS	2.4040e-003	1.3372e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.2130e-003	1.2763e-003
tblVehicleEF	SBUS	0.01	6.7233e-003
tblVehicleEF	SBUS	3.2000e-005	4.9531e-005
tblVehicleEF	SBUS	1.3700e-003	0.08
tblVehicleEF	SBUS	5.9610e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	7.3800e-004	0.00
tblVehicleEF	SBUS	0.10	1.45
tblVehicleEF	SBUS	8.9590e-003	0.01
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.05	0.52
tblVehicleEF	SBUS	5.6490e-003	1.35
tblVehicleEF	SBUS	4.5230e-003	7.0265e-003
tblVehicleEF	SBUS	2.16	2.95
tblVehicleEF	SBUS	0.48	5.02
tblVehicleEF	SBUS	0.60	0.91
tblVehicleEF	SBUS	323.18	266.66

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tblVehicleEF	SBUS	1,082.52	1,220.58
tblVehicleEF	SBUS	3.50	5.48
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.17
tblVehicleEF	SBUS	3.7940e-003	6.0725e-003
tblVehicleEF	SBUS	2.98	1.07
tblVehicleEF	SBUS	4.20	2.18
tblVehicleEF	SBUS	1.12	0.18
tblVehicleEF	SBUS	3.6010e-003	1.8216e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	5.3072e-005
tblVehicleEF	SBUS	3.4450e-003	1.7243e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7420e-003	2.5567e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.2000e-005	4.8798e-005
tblVehicleEF	SBUS	7.0600e-004	0.06
tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.22	0.27
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.08	0.08
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0740e-003	1.2192e-003
tblVehicleEF	SBUS	0.01	6.7230e-003
tblVehicleEF	SBUS	3.5000e-005	5.4167e-005
tblVehicleEF	SBUS	7.0600e-004	0.06

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tblVehicleEF	SBUS	5.8560e-003	0.01
tblVehicleEF	SBUS	0.31	0.85
tblVehicleEF	SBUS	3.8400e-004	0.00
tblVehicleEF	SBUS	0.10	1.44
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.8958e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.41	1.08
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.41	7.56
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.4748e-005
tblVehicleEF	UBUS	1.1890e-003	0.02
tblVehicleEF	UBUS	8.9290e-003	4.7458e-003
tblVehicleEF	UBUS	6.9100e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0620e-003	5.0276e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.2083e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.16	0.92
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	15.98	7.30
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.35	0.39
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003
tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6142e-004
tblVehicleEF	UBUS	1.5800e-004	7.2167e-005
tblVehicleEF	UBUS	2.2690e-003	0.03
tblVehicleEF	UBUS	0.01	5.1891e-003
tblVehicleEF	UBUS	1.5870e-003	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.0440e-003	5.2527e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	4.21	2.00
tblVehicleEF	UBUS	0.02	7.9529e-003
tblVehicleEF	UBUS	32.80	28.00
tblVehicleEF	UBUS	1.38	1.10
tblVehicleEF	UBUS	1,717.67	1,625.39
tblVehicleEF	UBUS	16.35	7.59
tblVehicleEF	UBUS	0.28	0.31
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.39
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7180e-003	1.8080e-003
tblVehicleEF	UBUS	2.1400e-004	3.9713e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5830e-003	1.7242e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	1.9700e-004	3.6515e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003
tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7390e-003	9.6140e-004
tblVehicleEF	UBUS	1.6200e-004	7.5006e-005
tblVehicleEF	UBUS	1.2470e-003	0.02
tblVehicleEF	UBUS	0.01	4.7112e-003
tblVehicleEF	UBUS	6.8300e-004	0.00
tblVehicleEF	UBUS	4.30	2.05
tblVehicleEF	UBUS	1.2180e-003	5.2205e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	DV_TP	19.00	0.00
tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	ST_TR	2.21	94.14
tblVehicleTrips	ST_TR	2.12	0.00
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	0.70	94.14
tblVehicleTrips	SU_TR	2.12	0.00
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	9.74	94.14
tblVehicleTrips	WD_TR	2.12	0.00
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Energy	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	2,047.3169	2,047.3169	0.0103	9.8700e-003	2,050.5171
Mobile	0.3991	1.3117	6.1779	0.0386	4.4788	7.7200e-003	4.4865	1.1538	7.1700e-003	1.1610	0.0000	3,542.0163	3,542.0163	0.0375	0.0751	3,565.3347
Waste						0.0000	0.0000		0.0000	0.0000	362.5175	0.0000	362.5175	21.4242	0.0000	898.1218
Water						0.0000	0.0000		0.0000	0.0000	138.7363	872.5990	1,011.3353	14.2496	0.3365	1,467.8399
Total	8.5391	1.8066	6.6189	0.0416	4.4788	0.0454	4.5242	1.1538	0.0449	1.1986	501.2538	6,461.9818	6,963.2356	35.7217	0.4214	7,981.8662

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Energy	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	1,769.3795	1,769.3795	8.9000e-003	8.5100e-003	1,772.1383
Mobile	0.3982	1.3025	6.1287	0.0381	4.4260	7.6600e-003	4.4337	1.1402	7.1100e-003	1.1473	0.0000	3,500.6890	3,500.6890	0.0374	0.0746	3,523.8447
Waste						0.0000	0.0000		0.0000	0.0000	90.6294	0.0000	90.6294	5.3560	0.0000	224.5304
Water						0.0000	0.0000		0.0000	0.0000	110.9890	699.1017	810.0908	11.3996	0.2692	1,175.2944
Total	8.5293	1.7291	6.5017	0.0407	4.4260	0.0401	4.4661	1.1402	0.0396	1.1798	201.6184	5,969.1969	6,170.8153	16.8020	0.3523	6,695.8360

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.11	4.29	1.77	2.07	1.18	11.67	1.28	1.18	11.81	1.58	59.78	7.63	11.38	52.96	16.42	16.11

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2024	12/31/2023	5	0	

Acres of Grading (Site Preparation Phase): 0

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Acres of Grading (Grading Phase): 0

Acres of Paving: 98.12

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Transit Subsidy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Employee Vanpool/Shuttle

Provide Ride Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3982	1.3025	6.1287	0.0381	4.4260	7.6600e-003	4.4337	1.1402	7.1100e-003	1.1473	0.0000	3,500.6890	3,500.6890	0.0374	0.0746	3,523.8447
Unmitigated	0.3991	1.3117	6.1779	0.0386	4.4788	7.7200e-003	4.4865	1.1538	7.1700e-003	1.1610	0.0000	3,542.0163	3,542.0163	0.0375	0.0751	3,565.3347

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	3,765.60	3,765.60	3765.60	14,832,111	14,657,440
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	0.00	0.00	0.00		
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	3,765.60	3,765.60	3,765.60	14,832,111	14,657,440

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.000000	0.000000	0.000000	0.000000	0.000000	1.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Other Asphalt Surfaces	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Parking Lot	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Refrigerated Warehouse-Rail	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606
Unrefrigerated Warehouse-Rail	0.543085	0.056300	0.173085	0.134258	0.025645	0.007009	0.011926	0.017481	0.000552	0.000248	0.024848	0.000956	0.004606

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,305.1173	1,305.1173	0.0000	0.0000	1,305.1173
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,508.8012	1,508.8012	0.0000	0.0000	1,508.8012
Natural Gas Mitigated	0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5100e-003	467.0211
Natural Gas Unmitigated	0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	137200	7.4000e-004	6.7300e-003	5.6500e-003	4.0000e-005		5.1000e-004	5.1000e-004		5.1000e-004	5.1000e-004	0.0000	7.3215	7.3215	1.4000e-004	1.3000e-004	7.3650
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.46625e+006	0.0349	0.3170	0.2663	1.9000e-003		0.0241	0.0241		0.0241	0.0241	0.0000	345.0637	345.0637	6.6100e-003	6.3300e-003	347.1143
Unrefrigerated Warehouse-Rail	3.48795e+006	0.0188	0.1710	0.1436	1.0300e-003		0.0130	0.0130		0.0130	0.0130	0.0000	186.1305	186.1305	3.5700e-003	3.4100e-003	187.2365
Total		0.0544	0.4947	0.4155	2.9700e-003		0.0376	0.0376		0.0376	0.0376	0.0000	538.5157	538.5157	0.0103	9.8700e-003	541.7158

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	89180	4.8000e-004	4.3700e-003	3.6700e-003	3.0000e-005		3.3000e-004	3.3000e-004		3.3000e-004	3.3000e-004	0.0000	4.7590	4.7590	9.0000e-005	9.0000e-005	4.7873
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	6.32538e+006	0.0341	0.3101	0.2605	1.8600e-003		0.0236	0.0236		0.0236	0.0236	0.0000	337.5461	337.5461	6.4700e-003	6.1900e-003	339.5520
Unrefrigerated Warehouse-Rail	2.28539e+006	0.0123	0.1120	0.0941	6.7000e-004		8.5100e-003	8.5100e-003		8.5100e-003	8.5100e-003	0.0000	121.9571	121.9571	2.3400e-003	2.2400e-003	122.6819
Total		0.0469	0.4265	0.3582	2.5600e-003		0.0324	0.0324		0.0324	0.0324	0.0000	464.2622	464.2622	8.9000e-003	8.5200e-003	467.0211

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	367600	55.8581	0.0000	0.0000	55.8581
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	555869	84.4662	0.0000	0.0000	84.4662
Refrigerated Warehouse-Rail	4.98e+006	756.7282	0.0000	0.0000	756.7282
Unrefrigerated Warehouse-Rail	4.0259e+006	611.7488	0.0000	0.0000	611.7488
Total		1,508.8012	0.0000	0.0000	1,508.8012

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	278000	42.2431	0.0000	0.0000	42.2431
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	361315	54.9031	0.0000	0.0000	54.9031
Refrigerated Warehouse-Rail	4.83475e+006	734.6569	0.0000	0.0000	734.6569
Unrefrigerated Warehouse-Rail	3.11486e+006	473.3142	0.0000	0.0000	473.3142
Total		1,305.1173	0.0000	0.0000	1,305.1173

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Unmitigated	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	2.3400e-003	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528
Total	8.0856	2.3000e-004	0.0254	0.0000		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	0.0496	0.0496	1.3000e-004	0.0000	0.0528

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6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.9402					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	7.1430					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	9.9000e-004	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281
Total	8.0842	1.3000e-004	0.0148	0.0000		4.0000e-005	4.0000e-005		4.0000e-005	4.0000e-005	0.0000	0.0267	0.0267	5.0000e-005	0.0000	0.0281

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	810.0908	11.3996	0.2692	1,175.2944
Unmitigated	1,011.3353	14.2496	0.3365	1,467.8399

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	7.10935 / 4.35734	23.6780	0.2317	5.4700e-003	31.0995
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	28.9063 / 0	66.3641	0.9419	0.0222	96.5396
Unrefrigerated Warehouse-Rail	401.288 / 0	921.2932	13.0760	0.3088	1,340.2008
Total		1,011.3353	14.2496	0.3365	1,467.8399

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.68748 / 4.09155	19.9649	0.1853	4.3800e-003	25.9021
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	23.125 / 0	53.0913	0.7535	0.0178	77.2317
Unrefrigerated Warehouse-Rail	321.031 / 0	737.0346	10.4608	0.2470	1,072.1607
Total		810.0907	11.3996	0.2692	1,175.2944

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	90.6294	5.3560	0.0000	224.5304
Unmitigated	362.5175	21.4242	0.0000	898.1218

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	37.2	7.5513	0.4463	0.0000	18.7079
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	117.5	23.8514	1.4096	0.0000	59.0909
Unrefrigerated Warehouse-Rail	1631.18	331.1148	19.5683	0.0000	820.3229
Total		362.5175	21.4242	0.0000	898.1218

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	9.3	1.8878	0.1116	0.0000	4.6770
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	29.375	5.9629	0.3524	0.0000	14.7727
Unrefrigerated Warehouse-Rail	407.795	82.7787	4.8921	0.0000	205.0807
Total		90.6294	5.3560	0.0000	224.5304

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Speedway Commerce Center (Phase 2 Passenger Cars)(*Includes Construction)

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.69	30,000.00	0
Refrigerated Warehouse-Rail	250.00	1000sqft	5.74	250,000.00	0
Unrefrigerated Warehouse-Rail	1,273.84	1000sqft	29.24	1,273,840.00	0
Other Asphalt Surfaces	17.74	Acre	17.74	772,754.40	0
Parking Lot	33.13	Acre	33.13	1,443,142.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	325	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor adjusted per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Off-road Equipment - Per construction equipment list

Off-road Equipment - Per construction equipment list

Off-road Equipment - Per Construction equipment list

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Off-road Equipment - anticipated construction equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Vehicle Trips - Phase2 passenger car run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products - project would not use consumer products as specified in definition, emission factor reduced by 50%

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase2 passenger cars run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	10.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	36.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	4.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	15.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	63.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	9.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	22.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
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tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	100.00	86.00
tblConstructionPhase	NumDays	60.00	86.00
tblConstructionPhase	NumDays	155.00	86.00
tblConstructionPhase	NumDays	1,550.00	87.00
tblConstructionPhase	NumDays	110.00	88.00
tblConstructionPhase	NumDays	110.00	88.00
tblFleetMix	HHD	0.02	0.00
tblFleetMix	HHD	0.02	0.00

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tblFleetMix	HHD	0.02	0.00
tblFleetMix	LDA	0.55	0.59
tblFleetMix	LDA	0.55	0.59
tblFleetMix	LDA	0.55	0.59
tblFleetMix	LHD2	6.9140e-003	0.00
tblFleetMix	LHD2	6.9140e-003	0.00
tblFleetMix	LHD2	6.9140e-003	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	MHD	0.01	0.00
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00
tblGrading	MaterialExported	0.00	611,364.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	10.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	36.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	2.00

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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	6.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	16.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	3.00	14.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	0.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	1.00	0.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	325
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblTripsAndVMT	HaulingTripLength	20.00	50.00
tblTripsAndVMT	HaulingTripNumber	76,421.00	76,420.00
tblTripsAndVMT	HaulingTripNumber	0.00	12,212.00
tblTripsAndVMT	HaulingTripNumber	0.00	5,204.00
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.2731e-008
tblVehicleEF	HHD	8.62	5.26
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	2.0270e-003	9.7248e-004
tblVehicleEF	HHD	1,349.94	794.42
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3919e-006
tblVehicleEF	HHD	7.03	3.93
tblVehicleEF	HHD	2.11	1.59

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	2.8590e-003	1.9831e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	2.7350e-003	1.8926e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007
tblVehicleEF	HHD	1.0000e-006	9.6189e-005
tblVehicleEF	HHD	4.5000e-005	2.6249e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.9000e-005	2.8077e-005
tblVehicleEF	HHD	1.0000e-006	1.6842e-007
tblVehicleEF	HHD	0.01	6.7504e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1510e-007
tblVehicleEF	HHD	1.0000e-006	9.6189e-005
tblVehicleEF	HHD	4.5000e-005	2.6249e-005
tblVehicleEF	HHD	0.67	0.56
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	1.9000e-005	2.8077e-005
tblVehicleEF	HHD	1.0000e-006	1.8440e-007
tblVehicleEF	HHD	0.03	0.22

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.1227e-008
tblVehicleEF	HHD	8.50	5.19
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	1.8980e-003	9.1812e-004
tblVehicleEF	HHD	1,333.02	786.14
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3605e-006
tblVehicleEF	HHD	6.69	3.75
tblVehicleEF	HHD	1.99	1.51
tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	2.5230e-003	1.7515e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	2.4140e-003	1.6711e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007
tblVehicleEF	HHD	3.0000e-006	1.4473e-004
tblVehicleEF	HHD	5.3000e-005	2.9004e-005
tblVehicleEF	HHD	0.62	0.33
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01

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tblVehicleEF	HHD	1.9000e-005	3.0040e-005
tblVehicleEF	HHD	1.0000e-006	1.6116e-007
tblVehicleEF	HHD	0.01	6.6719e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1425e-007
tblVehicleEF	HHD	3.0000e-006	1.4473e-004
tblVehicleEF	HHD	5.3000e-005	2.9004e-005
tblVehicleEF	HHD	0.70	0.58
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	1.9000e-005	3.0040e-005
tblVehicleEF	HHD	1.0000e-006	1.7645e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.2545e-008
tblVehicleEF	HHD	8.78	5.35
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	1.9980e-003	9.6487e-004
tblVehicleEF	HHD	1,373.31	805.87
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3839e-006
tblVehicleEF	HHD	7.50	4.17
tblVehicleEF	HHD	2.08	1.57
tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	3.3220e-003	2.3029e-003
tblVehicleEF	HHD	0.06	0.08

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tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	3.1790e-003	2.1986e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007
tblVehicleEF	HHD	2.0000e-006	9.5783e-005
tblVehicleEF	HHD	5.3000e-005	2.5993e-005
tblVehicleEF	HHD	0.53	0.29
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	2.9448e-005
tblVehicleEF	HHD	1.0000e-006	1.6748e-007
tblVehicleEF	HHD	0.01	6.8587e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1498e-007
tblVehicleEF	HHD	2.0000e-006	9.5783e-005
tblVehicleEF	HHD	5.3000e-005	2.5993e-005
tblVehicleEF	HHD	0.61	0.53
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	2.0000e-005	2.9448e-005
tblVehicleEF	HHD	1.0000e-006	1.8337e-007
tblVehicleEF	LDA	1.5350e-003	1.8026e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.63
tblVehicleEF	LDA	1.86	2.46

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tblVehicleEF	LDA	230.85	253.98
tblVehicleEF	LDA	47.39	63.30
tblVehicleEF	LDA	3.7420e-003	3.8476e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	5.4470e-003	6.4517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	2.2840e-003	2.5107e-003
tblVehicleEF	LDA	4.6900e-004	6.2583e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.9200e-003	9.4045e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	1.7620e-003	1.9173e-003

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tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.62	0.85
tblVehicleEF	LDA	1.55	2.07
tblVehicleEF	LDA	252.00	275.48
tblVehicleEF	LDA	46.82	62.57
tblVehicleEF	LDA	3.5080e-003	3.4206e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.14	0.19
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	6.1750e-003	6.7716e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.21
tblVehicleEF	LDA	2.4930e-003	2.7233e-003
tblVehicleEF	LDA	4.6300e-004	6.1856e-004
tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	8.9820e-003	9.8713e-003

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	1.4980e-003	1.7878e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.48	0.59
tblVehicleEF	LDA	1.83	2.47
tblVehicleEF	LDA	225.89	250.03
tblVehicleEF	LDA	47.34	63.32
tblVehicleEF	LDA	3.5890e-003	3.7474e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.14	0.21
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	5.3110e-003	6.4012e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	2.2350e-003	2.4716e-003
tblVehicleEF	LDA	4.6800e-004	6.2594e-004
tblVehicleEF	LDA	0.05	0.30

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tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.7210e-003	9.3307e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDT1	3.9900e-003	7.3205e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.92	1.65
tblVehicleEF	LDT1	2.06	5.49
tblVehicleEF	LDT1	275.61	328.38
tblVehicleEF	LDT1	57.91	86.11
tblVehicleEF	LDT1	6.1380e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.15
tblVehicleEF	LDT1	0.22	0.41
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003
tblVehicleEF	LDT1	0.13	0.84
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.28	0.58

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tblVehicleEF	LDT1	2.7270e-003	3.2464e-003
tblVehicleEF	LDT1	5.7300e-004	8.5129e-004
tblVehicleEF	LDT1	0.13	0.84
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	4.5340e-003	7.7653e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	1.12	2.21
tblVehicleEF	LDT1	1.71	4.57
tblVehicleEF	LDT1	297.62	353.76
tblVehicleEF	LDT1	57.21	84.38
tblVehicleEF	LDT1	5.6990e-003	9.5218e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003
tblVehicleEF	LDT1	0.28	1.09
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.21	0.00

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tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.23	0.50
tblVehicleEF	LDT1	2.9450e-003	3.4972e-003
tblVehicleEF	LDT1	5.6600e-004	8.3415e-004
tblVehicleEF	LDT1	0.28	1.09
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.26	0.54
tblVehicleEF	LDT1	3.9000e-003	7.2596e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.88	1.55
tblVehicleEF	LDT1	2.02	5.50
tblVehicleEF	LDT1	270.39	323.72
tblVehicleEF	LDT1	57.85	86.14
tblVehicleEF	LDT1	5.8810e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.14
tblVehicleEF	LDT1	0.21	0.41
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003

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tblVehicleEF	LDT1	0.14	0.84
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.28	0.58
tblVehicleEF	LDT1	2.6760e-003	3.2003e-003
tblVehicleEF	LDT1	5.7200e-004	8.5162e-004
tblVehicleEF	LDT1	0.14	0.84
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.30	0.64
tblVehicleEF	LDT2	2.7750e-003	2.5378e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.72	0.79
tblVehicleEF	LDT2	2.40	3.04
tblVehicleEF	LDT2	286.47	330.95
tblVehicleEF	LDT2	60.44	82.51
tblVehicleEF	LDT2	5.3020e-003	5.4109e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003

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tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	9.6456e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.31
tblVehicleEF	LDT2	2.8340e-003	3.2714e-003
tblVehicleEF	LDT2	5.9800e-004	8.1574e-004
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	3.1730e-003	2.6976e-003
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.88	1.06
tblVehicleEF	LDT2	1.99	2.55
tblVehicleEF	LDT2	307.21	353.76
tblVehicleEF	LDT2	59.66	81.59
tblVehicleEF	LDT2	4.9520e-003	4.8227e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.26
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003

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tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.17	0.40
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.21	0.27
tblVehicleEF	LDT2	3.0390e-003	3.4969e-003
tblVehicleEF	LDT2	5.9000e-004	8.0661e-004
tblVehicleEF	LDT2	0.17	0.40
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	2.7100e-003	2.5170e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.68	0.74
tblVehicleEF	LDT2	2.36	3.04
tblVehicleEF	LDT2	281.56	326.75
tblVehicleEF	LDT2	60.37	82.53
tblVehicleEF	LDT2	5.0850e-003	5.2735e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05

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tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.08	0.32
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	9.5696e-003
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	2.7850e-003	3.2299e-003
tblVehicleEF	LDT2	5.9700e-004	8.1593e-004
tblVehicleEF	LDT2	0.08	0.32
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.35
tblVehicleEF	LHD1	4.3860e-003	4.8663e-003
tblVehicleEF	LHD1	4.3340e-003	2.4553e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.58	0.57
tblVehicleEF	LHD1	0.92	1.93

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tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.33	344.05
tblVehicleEF	LHD1	10.03	16.10
tblVehicleEF	LHD1	8.5400e-004	7.1535e-004
tblVehicleEF	LHD1	0.04	4.7169e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.01	0.08
tblVehicleEF	LHD1	0.26	0.38
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	0.01	4.8012e-003
tblVehicleEF	LHD1	8.8180e-003	6.7689e-004
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004
tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5040e-003	1.2003e-003
tblVehicleEF	LHD1	8.4140e-003	6.2237e-004
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	2.5580e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2900e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005
tblVehicleEF	LHD1	5.9570e-003	3.4013e-003
tblVehicleEF	LHD1	9.9000e-005	1.5921e-004

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tblVehicleEF	LHD1	2.5580e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2900e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.4000e-003	4.8841e-003
tblVehicleEF	LHD1	4.4160e-003	1.7639e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.59	0.11
tblVehicleEF	LHD1	0.86	1.83
tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.35	194.35
tblVehicleEF	LHD1	9.93	15.94
tblVehicleEF	LHD1	8.5600e-004	7.1756e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.94	0.53
tblVehicleEF	LHD1	0.25	0.36
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9357e-003
tblVehicleEF	LHD1	8.8180e-003	9.5549e-003
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004
tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.01

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tblVehicleEF	LHD1	2.5040e-003	1.2339e-003
tblVehicleEF	LHD1	8.4140e-003	9.1415e-003
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	5.0260e-003	0.16
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.8810e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005
tblVehicleEF	LHD1	5.9580e-003	1.8415e-003
tblVehicleEF	LHD1	9.8000e-005	1.5756e-004
tblVehicleEF	LHD1	5.0260e-003	0.16
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.8810e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	4.3890e-003	4.8683e-003
tblVehicleEF	LHD1	4.3430e-003	1.7639e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.58	0.11
tblVehicleEF	LHD1	0.90	1.92
tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.33	194.35
tblVehicleEF	LHD1	10.01	16.09

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tblVehicleEF	LHD1	8.5500e-004	7.1598e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.99	0.56
tblVehicleEF	LHD1	0.26	0.37
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9357e-003
tblVehicleEF	LHD1	8.8180e-003	9.5549e-003
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004
tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5040e-003	1.2339e-003
tblVehicleEF	LHD1	8.4140e-003	9.1415e-003
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	2.7570e-003	0.13
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2680e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.23	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005
tblVehicleEF	LHD1	5.9570e-003	1.8415e-003
tblVehicleEF	LHD1	9.9000e-005	1.5903e-004
tblVehicleEF	LHD1	2.7570e-003	0.13
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03

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tblVehicleEF	LHD1	1.2680e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.23	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9450e-003	3.2491e-003
tblVehicleEF	LHD2	3.0680e-003	8.4743e-004
tblVehicleEF	LHD2	7.2680e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.39	0.23
tblVehicleEF	LHD2	0.52	1.16
tblVehicleEF	LHD2	14.10	13.54
tblVehicleEF	LHD2	612.80	226.94
tblVehicleEF	LHD2	7.09	9.95
tblVehicleEF	LHD2	1.7980e-003	1.6378e-003
tblVehicleEF	LHD2	0.06	2.7122e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.09	0.04
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8100e-003
tblVehicleEF	LHD2	0.01	3.3290e-004
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7060e-003	7.0251e-004
tblVehicleEF	LHD2	0.01	3.0609e-004
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005

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tblVehicleEF	LHD2	1.2570e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9200e-004	0.00
tblVehicleEF	LHD2	0.05	3.7921e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	2.2436e-003
tblVehicleEF	LHD2	7.0000e-005	9.8381e-005
tblVehicleEF	LHD2	1.2570e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9200e-004	0.00
tblVehicleEF	LHD2	0.06	5.5334e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	2.9540e-003	3.2608e-003
tblVehicleEF	LHD2	3.0940e-003	2.6435e-003
tblVehicleEF	LHD2	6.9430e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.40	0.15
tblVehicleEF	LHD2	0.49	1.10
tblVehicleEF	LHD2	14.10	13.54
tblVehicleEF	LHD2	612.80	374.67
tblVehicleEF	LHD2	7.04	9.85
tblVehicleEF	LHD2	1.8000e-003	1.6392e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02

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tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.03	0.68
tblVehicleEF	LHD2	0.16	0.24
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9093e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7060e-003	1.9773e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005
tblVehicleEF	LHD2	2.4210e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4810e-003	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	3.5502e-003
tblVehicleEF	LHD2	7.0000e-005	9.7392e-005
tblVehicleEF	LHD2	2.4210e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4810e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.04

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tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	2.9470e-003	3.2503e-003
tblVehicleEF	LHD2	3.0710e-003	2.6435e-003
tblVehicleEF	LHD2	7.2070e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.39	0.15
tblVehicleEF	LHD2	0.52	1.15
tblVehicleEF	LHD2	14.10	13.54
tblVehicleEF	LHD2	612.80	374.67
tblVehicleEF	LHD2	7.08	9.94
tblVehicleEF	LHD2	1.7980e-003	1.6382e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.07	0.71
tblVehicleEF	LHD2	0.16	0.24
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9093e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7060e-003	1.9773e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005
tblVehicleEF	LHD2	1.2650e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02

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tblVehicleEF	LHD2	6.7200e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	3.5502e-003
tblVehicleEF	LHD2	7.0000e-005	9.8280e-005
tblVehicleEF	LHD2	1.2650e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7200e-004	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	MCY	0.32	0.56
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	19.37	0.56
tblVehicleEF	MCY	8.87	7.64
tblVehicleEF	MCY	210.88	0.56
tblVehicleEF	MCY	60.33	46.87
tblVehicleEF	MCY	0.07	0.56
tblVehicleEF	MCY	0.02	7.5844e-003
tblVehicleEF	MCY	1.15	0.56
tblVehicleEF	MCY	0.27	0.13
tblVehicleEF	MCY	0.01	0.56
tblVehicleEF	MCY	4.0000e-003	0.56
tblVehicleEF	MCY	1.9620e-003	0.56
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.56

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tblVehicleEF	MCY	1.0000e-003	0.56
tblVehicleEF	MCY	1.8320e-003	0.56
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.81	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.18	0.56
tblVehicleEF	MCY	0.39	0.56
tblVehicleEF	MCY	1.87	1.24
tblVehicleEF	MCY	2.0870e-003	0.56
tblVehicleEF	MCY	5.9700e-004	4.6339e-004
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.81	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.70	0.56
tblVehicleEF	MCY	0.39	0.56
tblVehicleEF	MCY	2.03	1.35
tblVehicleEF	MCY	0.32	0.48
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.51	0.48
tblVehicleEF	MCY	7.97	6.87
tblVehicleEF	MCY	210.93	0.48
tblVehicleEF	MCY	58.05	45.17
tblVehicleEF	MCY	0.06	0.48
tblVehicleEF	MCY	0.01	7.4420e-003
tblVehicleEF	MCY	0.98	0.48
tblVehicleEF	MCY	0.25	0.12
tblVehicleEF	MCY	0.01	0.48
tblVehicleEF	MCY	4.0000e-003	0.48

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tblVehicleEF	MCY	1.9620e-003	0.48
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.48
tblVehicleEF	MCY	1.0000e-003	0.48
tblVehicleEF	MCY	1.8320e-003	0.48
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	3.13	3.74
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.08	0.00
tblVehicleEF	MCY	2.13	0.48
tblVehicleEF	MCY	0.39	0.48
tblVehicleEF	MCY	1.60	1.09
tblVehicleEF	MCY	2.0870e-003	0.48
tblVehicleEF	MCY	5.7400e-004	4.4655e-004
tblVehicleEF	MCY	3.13	3.74
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.08	0.00
tblVehicleEF	MCY	2.64	0.48
tblVehicleEF	MCY	0.39	0.48
tblVehicleEF	MCY	1.75	1.19
tblVehicleEF	MCY	0.32	0.54
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.54	0.54
tblVehicleEF	MCY	8.53	7.53
tblVehicleEF	MCY	209.44	0.54
tblVehicleEF	MCY	59.57	46.65
tblVehicleEF	MCY	0.06	0.54
tblVehicleEF	MCY	0.02	7.5906e-003
tblVehicleEF	MCY	1.11	0.54

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tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.54
tblVehicleEF	MCY	4.0000e-003	0.54
tblVehicleEF	MCY	1.9620e-003	0.54
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.54
tblVehicleEF	MCY	1.0000e-003	0.54
tblVehicleEF	MCY	1.8320e-003	0.54
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	1.70	2.60
tblVehicleEF	MCY	1.07	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.14	0.54
tblVehicleEF	MCY	0.45	0.54
tblVehicleEF	MCY	1.80	1.22
tblVehicleEF	MCY	2.0730e-003	0.54
tblVehicleEF	MCY	5.9000e-004	4.6118e-004
tblVehicleEF	MCY	1.70	2.60
tblVehicleEF	MCY	1.07	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.66	0.54
tblVehicleEF	MCY	0.45	0.54
tblVehicleEF	MCY	1.96	1.33
tblVehicleEF	MDV	3.4430e-003	3.5196e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	0.80	0.94
tblVehicleEF	MDV	2.68	3.42
tblVehicleEF	MDV	358.68	405.46
tblVehicleEF	MDV	75.12	101.56

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tblVehicleEF	MDV	7.3710e-003	7.7147e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.27	0.38
tblVehicleEF	MDV	0.04	8.5818e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003
tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003
tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MDV	3.5450e-003	4.0062e-003
tblVehicleEF	MDV	7.4300e-004	1.0041e-003
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.9420e-003	3.7427e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.97	1.26

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tblVehicleEF	MDV	2.22	2.86
tblVehicleEF	MDV	380.41	428.94
tblVehicleEF	MDV	74.23	100.48
tblVehicleEF	MDV	6.9530e-003	6.9489e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.25	0.36
tblVehicleEF	MDV	0.04	8.5818e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003
tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003
tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.21	0.54
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.7610e-003	4.2384e-003
tblVehicleEF	MDV	7.3500e-004	9.9333e-004
tblVehicleEF	MDV	0.21	0.54
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.28	0.41

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tblVehicleEF	MDV	3.3580e-003	3.4897e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	0.75	0.88
tblVehicleEF	MDV	2.64	3.43
tblVehicleEF	MDV	353.53	401.14
tblVehicleEF	MDV	75.05	101.59
tblVehicleEF	MDV	7.1110e-003	7.5364e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	0.04	8.5818e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003
tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003
tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MDV	3.4950e-003	3.9635e-003
tblVehicleEF	MDV	7.4300e-004	1.0043e-003
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.09	0.00

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tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MH	7.6700e-003	4.4734e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.84	2.0961e-003
tblVehicleEF	MH	1.87	2.16
tblVehicleEF	MH	1,410.41	4.9695e-003
tblVehicleEF	MH	17.41	21.64
tblVehicleEF	MH	0.06	9.4303e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.41	1.34
tblVehicleEF	MH	0.24	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	5.0648e-004
tblVehicleEF	MH	0.03	0.13
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	0.91	33.30
tblVehicleEF	MH	0.06	7.69
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.05	3.4603e-008
tblVehicleEF	MH	0.01	2.0519e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	3.6458e-005
tblVehicleEF	MH	1.7200e-004	2.1389e-004

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tblVehicleEF	MH	0.91	33.30
tblVehicleEF	MH	0.06	7.69
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.07	4.6673e-003
tblVehicleEF	MH	0.01	2.0519e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.8670e-003	4.5845e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.87	2.2329e-003
tblVehicleEF	MH	1.71	2.01
tblVehicleEF	MH	1,410.46	4.9697e-003
tblVehicleEF	MH	17.14	21.38
tblVehicleEF	MH	0.06	8.7760e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.31	1.25
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	4.7755e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	1.79	42.06
tblVehicleEF	MH	0.07	8.32
tblVehicleEF	MH	0.79	0.00
tblVehicleEF	MH	0.05	3.3176e-008
tblVehicleEF	MH	0.01	2.1264e-003

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tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	3.8838e-005
tblVehicleEF	MH	1.7000e-004	2.1137e-004
tblVehicleEF	MH	1.79	42.06
tblVehicleEF	MH	0.07	8.32
tblVehicleEF	MH	0.79	0.00
tblVehicleEF	MH	0.07	5.1976e-003
tblVehicleEF	MH	0.01	2.1264e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	7.6880e-003	4.4769e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.84	2.1468e-003
tblVehicleEF	MH	1.85	2.16
tblVehicleEF	MH	1,410.42	4.9695e-003
tblVehicleEF	MH	17.38	21.64
tblVehicleEF	MH	0.06	9.2279e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.38	1.31
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	4.9820e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	1.02	33.27
tblVehicleEF	MH	0.07	7.66

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tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.05	3.3890e-008
tblVehicleEF	MH	0.02	2.0997e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	3.7340e-005
tblVehicleEF	MH	1.7200e-004	2.1397e-004
tblVehicleEF	MH	1.02	33.27
tblVehicleEF	MH	0.07	7.66
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.07	4.6473e-003
tblVehicleEF	MH	0.02	2.0997e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	2.9940e-003	0.02
tblVehicleEF	MHD	9.6000e-004	7.6666e-003
tblVehicleEF	MHD	7.1190e-003	5.4980e-003
tblVehicleEF	MHD	0.33	0.64
tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.75	0.61
tblVehicleEF	MHD	61.88	158.09
tblVehicleEF	MHD	924.73	1,101.97
tblVehicleEF	MHD	7.15	5.51
tblVehicleEF	MHD	9.0040e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.0410e-003	3.9950e-003
tblVehicleEF	MHD	0.33	0.81
tblVehicleEF	MHD	1.01	0.61
tblVehicleEF	MHD	1.77	1.46
tblVehicleEF	MHD	2.0700e-004	9.6497e-004
tblVehicleEF	MHD	0.13	0.04

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tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005
tblVehicleEF	MHD	1.9800e-004	9.2251e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	4.0900e-004	0.02
tblVehicleEF	MHD	0.01	3.9529e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	2.2400e-004	0.00
tblVehicleEF	MHD	9.7180e-003	0.01
tblVehicleEF	MHD	0.01	9.5581e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.8700e-004	1.4498e-003
tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.1000e-005	5.4509e-005
tblVehicleEF	MHD	4.0900e-004	0.02
tblVehicleEF	MHD	0.01	3.9529e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.2400e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.5581e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8540e-003	0.02
tblVehicleEF	MHD	9.7900e-004	7.6869e-003
tblVehicleEF	MHD	6.7960e-003	5.2832e-003
tblVehicleEF	MHD	0.29	0.60

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tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.70	0.58
tblVehicleEF	MHD	61.59	156.56
tblVehicleEF	MHD	924.73	1,101.98
tblVehicleEF	MHD	7.06	5.46
tblVehicleEF	MHD	8.9300e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9120e-003	3.9274e-003
tblVehicleEF	MHD	0.32	0.77
tblVehicleEF	MHD	0.95	0.57
tblVehicleEF	MHD	1.77	1.46
tblVehicleEF	MHD	1.7800e-004	8.2435e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005
tblVehicleEF	MHD	1.7000e-004	7.8798e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	7.9800e-004	0.03
tblVehicleEF	MHD	0.02	4.2663e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	4.9600e-004	0.00
tblVehicleEF	MHD	9.7970e-003	0.01
tblVehicleEF	MHD	0.01	9.9260e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.8400e-004	1.4354e-003

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tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.0000e-005	5.3931e-005
tblVehicleEF	MHD	7.9800e-004	0.03
tblVehicleEF	MHD	0.02	4.2663e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	4.9600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.9260e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.2040e-003	0.02
tblVehicleEF	MHD	9.6100e-004	7.6667e-003
tblVehicleEF	MHD	7.0350e-003	5.4584e-003
tblVehicleEF	MHD	0.39	0.69
tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.74	0.61
tblVehicleEF	MHD	62.28	160.20
tblVehicleEF	MHD	924.73	1,101.97
tblVehicleEF	MHD	7.13	5.51
tblVehicleEF	MHD	9.1100e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9980e-003	3.9779e-003
tblVehicleEF	MHD	0.35	0.85
tblVehicleEF	MHD	0.99	0.60
tblVehicleEF	MHD	1.77	1.46
tblVehicleEF	MHD	2.4800e-004	1.1591e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005

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tblVehicleEF	MHD	2.3700e-004	1.1083e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	4.2100e-004	0.02
tblVehicleEF	MHD	0.02	3.9312e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.1800e-004	0.00
tblVehicleEF	MHD	9.7270e-003	0.01
tblVehicleEF	MHD	0.01	9.7651e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9100e-004	1.4697e-003
tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.1000e-005	5.4429e-005
tblVehicleEF	MHD	4.2100e-004	0.02
tblVehicleEF	MHD	0.02	3.9312e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.7651e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	8.9910e-003	0.02
tblVehicleEF	OBUS	5.0340e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.55
tblVehicleEF	OBUS	0.59	0.78
tblVehicleEF	OBUS	2.45	2.55
tblVehicleEF	OBUS	67.60	76.48

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tblVehicleEF	OBUS	1,365.08	1,410.15
tblVehicleEF	OBUS	20.25	21.43
tblVehicleEF	OBUS	8.5650e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.28
tblVehicleEF	OBUS	0.85	0.99
tblVehicleEF	OBUS	0.69	0.70
tblVehicleEF	OBUS	8.5000e-005	4.3492e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	8.1000e-005	4.1550e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	2.6690e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.4500e-004	6.8687e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0000e-004	2.1189e-004
tblVehicleEF	OBUS	2.6690e-003	0.13

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tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	9.0700e-003	0.02
tblVehicleEF	OBUS	5.1780e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.54
tblVehicleEF	OBUS	0.60	0.80
tblVehicleEF	OBUS	2.25	2.37
tblVehicleEF	OBUS	66.89	75.84
tblVehicleEF	OBUS	1,365.10	1,410.18
tblVehicleEF	OBUS	19.90	21.13
tblVehicleEF	OBUS	8.4600e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.27
tblVehicleEF	OBUS	0.78	0.92
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	7.5000e-005	3.7342e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	7.2000e-005	3.5667e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003

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tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	5.1580e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.5390e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.3800e-004	6.8082e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9700e-004	2.0892e-004
tblVehicleEF	OBUS	5.1580e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.07	0.08
tblVehicleEF	OBUS	2.5390e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	8.9240e-003	0.02
tblVehicleEF	OBUS	5.0500e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.55
tblVehicleEF	OBUS	0.59	0.78
tblVehicleEF	OBUS	2.43	2.55
tblVehicleEF	OBUS	68.58	77.37
tblVehicleEF	OBUS	1,365.08	1,410.16
tblVehicleEF	OBUS	20.22	21.44
tblVehicleEF	OBUS	8.7220e-003	0.01

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tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.29
tblVehicleEF	OBUS	0.83	0.97
tblVehicleEF	OBUS	0.68	0.69
tblVehicleEF	OBUS	9.8000e-005	5.1984e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	9.4000e-005	4.9675e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	2.7930e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.5400e-004	6.9523e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0000e-004	2.1199e-004
tblVehicleEF	OBUS	2.7930e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1300e-003	0.00

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tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.3990e-003	1.36
tblVehicleEF	SBUS	4.5740e-003	6.8796e-003
tblVehicleEF	SBUS	2.19	2.98
tblVehicleEF	SBUS	0.47	4.99
tblVehicleEF	SBUS	0.59	0.86
tblVehicleEF	SBUS	329.54	270.90
tblVehicleEF	SBUS	1,067.20	1,213.30
tblVehicleEF	SBUS	3.57	5.39
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.9190e-003	6.1232e-003
tblVehicleEF	SBUS	2.94	1.06
tblVehicleEF	SBUS	4.02	2.06
tblVehicleEF	SBUS	1.17	0.19
tblVehicleEF	SBUS	2.6920e-003	1.5046e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	2.5760e-003	1.4204e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	8.0900e-004	0.07

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tblVehicleEF	SBUS	6.0880e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1350e-003	1.2283e-003
tblVehicleEF	SBUS	0.01	6.6061e-003
tblVehicleEF	SBUS	3.5000e-005	5.3252e-005
tblVehicleEF	SBUS	8.0900e-004	0.07
tblVehicleEF	SBUS	6.0880e-003	0.01
tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.4670e-003	1.36
tblVehicleEF	SBUS	3.7780e-003	5.7632e-003
tblVehicleEF	SBUS	2.16	2.97
tblVehicleEF	SBUS	0.47	5.00
tblVehicleEF	SBUS	0.42	0.62
tblVehicleEF	SBUS	335.12	273.25
tblVehicleEF	SBUS	1,067.21	1,213.33
tblVehicleEF	SBUS	3.27	4.99
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.7740e-003	5.9076e-003
tblVehicleEF	SBUS	2.98	1.08

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tblVehicleEF	SBUS	3.77	1.93
tblVehicleEF	SBUS	1.17	0.18
tblVehicleEF	SBUS	2.2790e-003	1.3503e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	2.1800e-003	1.2728e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	1.4630e-003	0.09
tblVehicleEF	SBUS	6.3280e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	7.8800e-004	0.00
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	9.4950e-003	0.02
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.1880e-003	1.2506e-003
tblVehicleEF	SBUS	0.01	6.6063e-003
tblVehicleEF	SBUS	3.2000e-005	4.9332e-005
tblVehicleEF	SBUS	1.4630e-003	0.09
tblVehicleEF	SBUS	6.3280e-003	0.01
tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	7.8800e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	9.4950e-003	0.02
tblVehicleEF	SBUS	0.02	0.04

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tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.3960e-003	1.36
tblVehicleEF	SBUS	4.6760e-003	7.0873e-003
tblVehicleEF	SBUS	2.24	2.99
tblVehicleEF	SBUS	0.46	4.99
tblVehicleEF	SBUS	0.61	0.90
tblVehicleEF	SBUS	321.84	267.66
tblVehicleEF	SBUS	1,067.20	1,213.30
tblVehicleEF	SBUS	3.59	5.45
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.9540e-003	6.1982e-003
tblVehicleEF	SBUS	2.88	1.03
tblVehicleEF	SBUS	3.96	2.03
tblVehicleEF	SBUS	1.17	0.19
tblVehicleEF	SBUS	3.2630e-003	1.7178e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	3.1220e-003	1.6244e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	7.5100e-004	0.07
tblVehicleEF	SBUS	6.2180e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.0900e-004	0.00

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tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0620e-003	1.1976e-003
tblVehicleEF	SBUS	0.01	6.6061e-003
tblVehicleEF	SBUS	3.6000e-005	5.3898e-005
tblVehicleEF	SBUS	7.5100e-004	0.07
tblVehicleEF	SBUS	6.2180e-003	0.01
tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	7.9693e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.40	1.05
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	16.38	7.52
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003
tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003

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tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	1.4120e-003	0.02
tblVehicleEF	UBUS	0.01	5.4916e-003
tblVehicleEF	UBUS	8.4100e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.4700e-003	5.0350e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7330e-003	9.6224e-004
tblVehicleEF	UBUS	1.6200e-004	7.4313e-005
tblVehicleEF	UBUS	1.4120e-003	0.02
tblVehicleEF	UBUS	0.01	5.4916e-003
tblVehicleEF	UBUS	8.4100e-004	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.4700e-003	5.0350e-004
tblVehicleEF	UBUS	0.08	0.03
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	7.2767e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.15	0.90
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	15.96	7.26
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	2.6730e-003	0.03
tblVehicleEF	UBUS	0.01	5.9609e-003
tblVehicleEF	UBUS	1.8680e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.4460e-003	5.2600e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7330e-003	9.6227e-004
tblVehicleEF	UBUS	1.5800e-004	7.1796e-005
tblVehicleEF	UBUS	2.6730e-003	0.03
tblVehicleEF	UBUS	0.01	5.9609e-003
tblVehicleEF	UBUS	1.8680e-003	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.4460e-003	5.2600e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	8.0256e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.37	1.07
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	16.32	7.54
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.16	0.07

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003
tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	1.4350e-003	0.02
tblVehicleEF	UBUS	0.01	5.4589e-003
tblVehicleEF	UBUS	8.2800e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.6900e-003	5.2279e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7330e-003	9.6224e-004
tblVehicleEF	UBUS	1.6200e-004	7.4562e-005
tblVehicleEF	UBUS	1.4350e-003	0.02
tblVehicleEF	UBUS	0.01	5.4589e-003
tblVehicleEF	UBUS	8.2800e-004	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.6900e-003	5.2279e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CC_TTP	0.00	48.00
tblVehicleTrips	CNW_TTP	0.00	19.00
tblVehicleTrips	CNW_TTP	41.00	19.00
tblVehicleTrips	CW_TTP	0.00	33.00
tblVehicleTrips	CW_TTP	59.00	33.00
tblVehicleTrips	DV_TP	19.00	0.00

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tblVehicleTrips	PB_TP	4.00	0.00
tblVehicleTrips	PR_TP	77.00	100.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	ST_TR	2.21	51.62
tblVehicleTrips	ST_TR	0.00	7.31
tblVehicleTrips	ST_TR	2.12	1.38
tblVehicleTrips	ST_TR	1.74	0.00
tblVehicleTrips	SU_TR	0.70	51.62
tblVehicleTrips	SU_TR	0.00	7.31
tblVehicleTrips	SU_TR	2.12	1.38
tblVehicleTrips	SU_TR	1.74	0.00
tblVehicleTrips	WD_TR	9.74	51.62
tblVehicleTrips	WD_TR	0.00	7.31
tblVehicleTrips	WD_TR	2.12	1.38
tblVehicleTrips	WD_TR	1.74	0.00

2.0 Emissions Summary

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	1-1-2025	3-31-2025	14.4380	11.9372
2	4-1-2025	6-30-2025	11.0478	5.7348
3	7-1-2025	9-30-2025	8.8320	3.9804
		Highest	14.4380	11.9372

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424
Energy	0.0841	0.7645	0.6422	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	2,851.2987	2,851.2987	0.0160	0.0153	2,856.2443
Mobile	0.9644	0.7593	8.9453	0.1439	2.4567	0.1305	2.5872	0.7903	0.1296	0.9199	0.0000	2,315.7334	2,315.7334	0.1775	0.1696	2,370.7135
Waste						0.0000	0.0000		0.0000	0.0000	296.4297	0.0000	296.4297	17.5185	0.0000	734.3921
Water						0.0000	0.0000		0.0000	0.0000	113.4881	692.0044	805.4924	11.6563	0.2752	1,178.9190
Total	7.5594	1.5240	9.6079	0.1485	2.4567	0.1887	2.6454	0.7903	0.1878	0.9781	409.9178	5,859.0763	6,268.9940	29.3683	0.4601	7,140.3114

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2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Energy	0.0776	0.7057	0.5928	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	2,609.8532	2,609.8532	0.0147	0.0141	2,614.4182
Mobile	0.9620	0.7528	8.8684	0.1423	2.4277	0.1290	2.5568	0.7810	0.1281	0.9091	0.0000	2,289.0826	2,289.0826	0.1760	0.1679	2,343.5109
Waste						0.0000	0.0000		0.0000	0.0000	74.1074	0.0000	74.1074	4.3796	0.0000	183.5980
Water						0.0000	0.0000		0.0000	0.0000	90.7905	554.3475	645.1379	9.3251	0.2202	943.8792
Total	7.5495	1.4586	9.4730	0.1465	2.4277	0.1827	2.6104	0.7810	0.1817	0.9627	164.8979	5,453.3047	5,618.2026	13.8954	0.4021	6,085.4288

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.13	4.29	1.40	1.37	1.18	3.20	1.32	1.18	3.21	1.57	59.77	6.93	10.38	52.69	12.60	14.77

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2025	4/30/2025	5	86	
2	Road Construction/Utilities	Site Preparation	1/1/2025	4/30/2025	5	86	
3	Excavation/Mass Site Grading	Grading	1/1/2025	4/30/2025	5	86	

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4	Concrete Pour	Building Construction	5/1/2025	8/29/2025	5	87
5	Paving/Landscap/Site Finishes	Paving	9/1/2025	12/31/2025	5	88
6	Architectural Coating	Architectural Coating	9/1/2025	12/31/2025	5	88

Acres of Grading (Site Preparation Phase): 129

Acres of Grading (Grading Phase): 1505

Acres of Paving: 50.87

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 2,330,760; Non-Residential Outdoor: 776,920; Striped Parking Area: 132,954 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Road Construction/Utilities	Excavators	2	8.00	158	0.38
Road Construction/Utilities	Off-Highway Trucks	1	4.00	402	0.38
Road Construction/Utilities	Rubber Tired Dozers	3	8.00	247	0.40
Road Construction/Utilities	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Road Construction/Utilities	Trenchers	2	8.00	78	0.50
Excavation/Mass Site Grading	Excavators	0	8.00	158	0.38
Excavation/Mass Site Grading	Graders	2	8.00	187	0.41
Excavation/Mass Site Grading	Off-Highway Trucks	3	8.00	402	0.38
Excavation/Mass Site Grading	Other Construction Equipment	1	8.00	172	0.42
Excavation/Mass Site Grading	Rollers	1	8.00	80	0.38
Excavation/Mass Site Grading	Rubber Tired Dozers	1	8.00	247	0.40
Excavation/Mass Site Grading	Rubber Tired Loaders	1	8.00	203	0.36
Excavation/Mass Site Grading	Scrapers	16	8.00	367	0.48
Excavation/Mass Site Grading	Tractors/Loaders/Backhoes	0	8.00	97	0.37

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Concrete Pour	Cranes	2	7.00	231	0.29
Concrete Pour	Forklifts	10	8.00	89	0.20
Concrete Pour	Generator Sets	36	8.00	84	0.74
Concrete Pour	Off-Highway Trucks	8	8.00	402	0.38
Concrete Pour	Other General Industrial Equipment	57	8.00	88	0.34
Concrete Pour	Pumps	2	8.00	84	0.74
Concrete Pour	Rollers	2	8.00	80	0.38
Concrete Pour	Tractors/Loaders/Backhoes	14	7.00	97	0.37
Concrete Pour	Welders	0	8.00	46	0.45
Paving/Landscap/Site Finishes	Graders	2	8.00	187	0.41
Paving/Landscap/Site Finishes	Off-Highway Trucks	3	8.00	402	0.38
Paving/Landscap/Site Finishes	Other Construction Equipment	2	8.00	172	0.42
Paving/Landscap/Site Finishes	Other General Industrial Equipment	6	8.00	88	0.34
Paving/Landscap/Site Finishes	Pavers	0	8.00	130	0.42
Paving/Landscap/Site Finishes	Paving Equipment	1	8.00	132	0.36
Paving/Landscap/Site Finishes	Rollers	6	8.00	80	0.38
Paving/Landscap/Site Finishes	Scrapers	1	8.00	367	0.48
Paving/Landscap/Site Finishes	Tractors/Loaders/Backhoes	4	8.00	97	0.37
Architectural Coating	Air Compressors	3	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	10,742.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Road Construction/Utilities	12	30.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Excavation/Mass Site Grading	25	63.00	0.00	76,420.00	14.70	6.90	50.00	LD_Mix	HDT_Mix	HHDT
Concrete Pour	131	1,580.00	618.00	12,212.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Landscap/Site Finishes	25	63.00	0.00	5,204.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

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Architectural Coating	3	316.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
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3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

3.2 Demolition - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.1624	0.0000	1.1624	0.1760	0.0000	0.1760	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0900	0.8255	0.8350	1.6700e-003		0.0367	0.0367		0.0341	0.0341	0.0000	146.1899	146.1899	0.0408	0.0000	147.2104
Total	0.0900	0.8255	0.8350	1.6700e-003	1.1624	0.0367	1.1991	0.1760	0.0341	0.2101	0.0000	146.1899	146.1899	0.0408	0.0000	147.2104

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3.2 Demolition - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0123	0.6210	0.1815	2.9000e-003	0.0925	6.1100e-003	0.0986	0.0254	5.8400e-003	0.0313	0.0000	287.0340	287.0340	0.0120	0.0455	300.8911
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9400e-003	1.3300e-003	0.0181	6.0000e-005	7.0700e-003	3.0000e-005	7.1000e-003	1.8800e-003	3.0000e-005	1.9100e-003	0.0000	5.1162	5.1162	1.2000e-004	1.3000e-004	5.1576
Total	0.0143	0.6223	0.1995	2.9600e-003	0.0996	6.1400e-003	0.1057	0.0273	5.8700e-003	0.0332	0.0000	292.1501	292.1501	0.0121	0.0456	306.0487

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4307	0.0000	0.4307	0.0652	0.0000	0.0652	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0299	0.1721	0.9918	1.6700e-003		6.2800e-003	6.2800e-003		6.2800e-003	6.2800e-003	0.0000	146.1897	146.1897	0.0408	0.0000	147.2102
Total	0.0299	0.1721	0.9918	1.6700e-003	0.4307	6.2800e-003	0.4369	0.0652	6.2800e-003	0.0715	0.0000	146.1897	146.1897	0.0408	0.0000	147.2102

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3.2 Demolition - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0123	0.6210	0.1815	2.9000e-003	0.0883	6.1100e-003	0.0944	0.0244	5.8400e-003	0.0302	0.0000	287.0340	287.0340	0.0120	0.0455	300.8911
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9400e-003	1.3300e-003	0.0181	6.0000e-005	6.7000e-003	3.0000e-005	6.7400e-003	1.7900e-003	3.0000e-005	1.8200e-003	0.0000	5.1162	5.1162	1.2000e-004	1.3000e-004	5.1576
Total	0.0143	0.6223	0.1995	2.9600e-003	0.0950	6.1400e-003	0.1012	0.0262	5.8700e-003	0.0321	0.0000	292.1501	292.1501	0.0121	0.0456	306.0487

3.3 Road Construction/Utilities - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.8453	0.0000	0.8453	0.4344	0.0000	0.4344	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1580	1.5049	1.3399	2.6600e-003		0.0709	0.0709		0.0653	0.0653	0.0000	233.4415	233.4415	0.0755	0.0000	235.3290
Total	0.1580	1.5049	1.3399	2.6600e-003	0.8453	0.0709	0.9162	0.4344	0.0653	0.4997	0.0000	233.4415	233.4415	0.0755	0.0000	235.3290

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.3 Road Construction/Utilities - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8900e-003	2.6500e-003	0.0361	1.1000e-004	0.0141	6.0000e-005	0.0142	3.7600e-003	6.0000e-005	3.8200e-003	0.0000	10.2323	10.2323	2.4000e-004	2.6000e-004	10.3153
Total	3.8900e-003	2.6500e-003	0.0361	1.1000e-004	0.0141	6.0000e-005	0.0142	3.7600e-003	6.0000e-005	3.8200e-003	0.0000	10.2323	10.2323	2.4000e-004	2.6000e-004	10.3153

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.3132	0.0000	0.3132	0.1610	0.0000	0.1610	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0325	0.1409	1.5806	2.6600e-003		4.3300e-003	4.3300e-003		4.3300e-003	4.3300e-003	0.0000	233.4412	233.4412	0.0755	0.0000	235.3287
Total	0.0325	0.1409	1.5806	2.6600e-003	0.3132	4.3300e-003	0.3175	0.1610	4.3300e-003	0.1653	0.0000	233.4412	233.4412	0.0755	0.0000	235.3287

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3.3 Road Construction/Utilities - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8900e-003	2.6500e-003	0.0361	1.1000e-004	0.0134	6.0000e-005	0.0135	3.5800e-003	6.0000e-005	3.6400e-003	0.0000	10.2323	10.2323	2.4000e-004	2.6000e-004	10.3153
Total	3.8900e-003	2.6500e-003	0.0361	1.1000e-004	0.0134	6.0000e-005	0.0135	3.5800e-003	6.0000e-005	3.6400e-003	0.0000	10.2323	10.2323	2.4000e-004	2.6000e-004	10.3153

3.4 Excavation/Mass Site Grading - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.0916	0.0000	1.0916	0.2337	0.0000	0.2337	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6070	5.5960	4.6933	0.0137		0.2197	0.2197		0.2022	0.2022	0.0000	1,205.1863	1,205.1863	0.3898	0.0000	1,214.9309
Total	0.6070	5.5960	4.6933	0.0137	1.0916	0.2197	1.3113	0.2337	0.2022	0.4359	0.0000	1,205.1863	1,205.1863	0.3898	0.0000	1,214.9309

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3.4 Excavation/Mass Site Grading - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1452	9.8302	2.1313	0.0499	1.6438	0.1080	1.7518	0.4514	0.1033	0.5547	0.0000	4,932.6924	4,932.6924	0.2092	0.7820	5,170.9433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1700e-003	5.5700e-003	0.0759	2.3000e-004	0.0297	1.4000e-004	0.0298	7.8900e-003	1.2000e-004	8.0100e-003	0.0000	21.4879	21.4879	5.0000e-004	5.4000e-004	21.6620
Total	0.1533	9.8358	2.2072	0.0501	1.6735	0.1081	1.7816	0.4593	0.1034	0.5627	0.0000	4,954.1803	4,954.1803	0.2097	0.7825	5,192.6053

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.4044	0.0000	0.4044	0.0866	0.0000	0.0866	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.5025	4.5578	5.2971	0.0137		0.1779	0.1779		0.1641	0.1641	0.0000	1,205.1849	1,205.1849	0.3898	0.0000	1,214.9294
Total	0.5025	4.5578	5.2971	0.0137	0.4044	0.1779	0.5823	0.0866	0.1641	0.2507	0.0000	1,205.1849	1,205.1849	0.3898	0.0000	1,214.9294

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3.4 Excavation/Mass Site Grading - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.1452	9.8302	2.1313	0.0499	1.5697	0.1080	1.6777	0.4332	0.1033	0.5365	0.0000	4,932.6924	4,932.6924	0.2092	0.7820	5,170.9433
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.1700e-003	5.5700e-003	0.0759	2.3000e-004	0.0282	1.4000e-004	0.0283	7.5100e-003	1.2000e-004	7.6300e-003	0.0000	21.4879	21.4879	5.0000e-004	5.4000e-004	21.6620
Total	0.1533	9.8358	2.2072	0.0501	1.5979	0.1081	1.7060	0.4408	0.1034	0.5442	0.0000	4,954.1803	4,954.1803	0.2097	0.7825	5,192.6053

3.5 Concrete Pour - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	1.0891	9.5851	13.8628	0.0248		0.4127	0.4127		0.3923	0.3923	0.0000	2,159.2446	2,159.2446	0.4309	0.0000	2,170.0164
Total	1.0891	9.5851	13.8628	0.0248		0.4127	0.4127		0.3923	0.3923	0.0000	2,159.2446	2,159.2446	0.4309	0.0000	2,170.0164

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3.5 Concrete Pour - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0140	0.7059	0.2063	3.3000e-003	0.1052	6.9400e-003	0.1121	0.0289	6.6400e-003	0.0355	0.0000	326.3134	326.3134	0.0136	0.0517	342.0668
Vendor	0.0290	0.9947	0.3888	4.6600e-003	0.1695	6.9800e-003	0.1765	0.0489	6.6800e-003	0.0556	0.0000	453.0955	453.0955	0.0115	0.0669	473.3207
Worker	0.2072	0.1412	1.9249	5.9500e-003	0.7536	3.4400e-003	0.7570	0.2002	3.1700e-003	0.2033	0.0000	545.1696	545.1696	0.0126	0.0138	549.5873
Total	0.2502	1.8418	2.5199	0.0139	1.0283	0.0174	1.0457	0.2780	0.0165	0.2945	0.0000	1,324.5785	1,324.5785	0.0377	0.1324	1,364.9748

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2985	1.4316	15.6671	0.0248		0.0469	0.0469		0.0461	0.0461	0.0000	2,159.2420	2,159.2420	0.4309	0.0000	2,170.0138
Total	0.2985	1.4316	15.6671	0.0248		0.0469	0.0469		0.0461	0.0461	0.0000	2,159.2420	2,159.2420	0.4309	0.0000	2,170.0138

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3.5 Concrete Pour - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0140	0.7059	0.2063	3.3000e-003	0.1004	6.9400e-003	0.1074	0.0277	6.6400e-003	0.0344	0.0000	326.3134	326.3134	0.0136	0.0517	342.0668
Vendor	0.0290	0.9947	0.3888	4.6600e-003	0.1624	6.9800e-003	0.1693	0.0472	6.6800e-003	0.0538	0.0000	453.0955	453.0955	0.0115	0.0669	473.3207
Worker	0.2072	0.1412	1.9249	5.9500e-003	0.7144	3.4400e-003	0.7179	0.1905	3.1700e-003	0.1937	0.0000	545.1696	545.1696	0.0126	0.0138	549.5873
Total	0.2502	1.8418	2.5199	0.0139	0.9772	0.0174	0.9945	0.2654	0.0165	0.2819	0.0000	1,324.5785	1,324.5785	0.0377	0.1324	1,364.9748

3.6 Paving/Landscap/Site Finishes - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2480	2.2172	2.6444	5.6400e-003		0.0948	0.0948		0.0872	0.0872	0.0000	494.9570	494.9570	0.1601	0.0000	498.9589
Paving	0.0666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.3147	2.2172	2.6444	5.6400e-003		0.0948	0.0948		0.0872	0.0872	0.0000	494.9570	494.9570	0.1601	0.0000	498.9589

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3.6 Paving/Landscap/Site Finishes - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.9700e-003	0.3008	0.0879	1.4100e-003	0.0448	2.9600e-003	0.0478	0.0123	2.8300e-003	0.0151	0.0000	139.0546	139.0546	5.8100e-003	0.0220	145.7677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3600e-003	5.7000e-003	0.0776	2.4000e-004	0.0304	1.4000e-004	0.0305	8.0700e-003	1.3000e-004	8.2000e-003	0.0000	21.9876	21.9876	5.1000e-004	5.6000e-004	22.1658
Total	0.0143	0.3065	0.1655	1.6500e-003	0.0752	3.1000e-003	0.0783	0.0204	2.9600e-003	0.0233	0.0000	161.0423	161.0423	6.3200e-003	0.0226	167.9336

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0905	0.5445	3.2836	5.6400e-003		0.0192	0.0192		0.0183	0.0183	0.0000	494.9564	494.9564	0.1601	0.0000	498.9583
Paving	0.0666					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.1572	0.5445	3.2836	5.6400e-003		0.0192	0.0192		0.0183	0.0183	0.0000	494.9564	494.9564	0.1601	0.0000	498.9583

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3.6 Paving/Landscap/Site Finishes - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.9700e-003	0.3008	0.0879	1.4100e-003	0.0428	2.9600e-003	0.0458	0.0118	2.8300e-003	0.0146	0.0000	139.0546	139.0546	5.8100e-003	0.0220	145.7677
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3600e-003	5.7000e-003	0.0776	2.4000e-004	0.0288	1.4000e-004	0.0290	7.6800e-003	1.3000e-004	7.8100e-003	0.0000	21.9876	21.9876	5.1000e-004	5.6000e-004	22.1658
Total	0.0143	0.3065	0.1655	1.6500e-003	0.0716	3.1000e-003	0.0747	0.0195	2.9600e-003	0.0225	0.0000	161.0423	161.0423	6.3200e-003	0.0226	167.9336

3.7 Architectural Coating - 2025

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.5102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0226	0.1512	0.2388	3.9000e-004		6.8000e-003	6.8000e-003		6.8000e-003	6.8000e-003	0.0000	33.7030	33.7030	1.8400e-003	0.0000	33.7489
Total	7.5327	0.1512	0.2388	3.9000e-004		6.8000e-003	6.8000e-003		6.8000e-003	6.8000e-003	0.0000	33.7030	33.7030	1.8400e-003	0.0000	33.7489

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.7 Architectural Coating - 2025

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0419	0.0286	0.3894	1.2000e-003	0.1525	7.0000e-004	0.1532	0.0405	6.4000e-004	0.0411	0.0000	110.2872	110.2872	2.5500e-003	2.7800e-003	111.1809
Total	0.0419	0.0286	0.3894	1.2000e-003	0.1525	7.0000e-004	0.1532	0.0405	6.4000e-004	0.0411	0.0000	110.2872	110.2872	2.5500e-003	2.7800e-003	111.1809

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	7.5102					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0226	0.1512	0.2388	3.9000e-004		6.8000e-003	6.8000e-003		6.8000e-003	6.8000e-003	0.0000	33.7029	33.7029	1.8400e-003	0.0000	33.7489
Total	7.5327	0.1512	0.2388	3.9000e-004		6.8000e-003	6.8000e-003		6.8000e-003	6.8000e-003	0.0000	33.7029	33.7029	1.8400e-003	0.0000	33.7489

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3.7 Architectural Coating - 2025

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0419	0.0286	0.3894	1.2000e-003	0.1445	7.0000e-004	0.1452	0.0385	6.4000e-004	0.0392	0.0000	110.2872	110.2872	2.5500e-003	2.7800e-003	111.1809
Total	0.0419	0.0286	0.3894	1.2000e-003	0.1445	7.0000e-004	0.1452	0.0385	6.4000e-004	0.0392	0.0000	110.2872	110.2872	2.5500e-003	2.7800e-003	111.1809

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Transit Subsidy

Employee Vanpool/Shuttle

Provide Ride Sharing Program

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.9620	0.7528	8.8684	0.1423	2.4277	0.1290	2.5568	0.7810	0.1281	0.9091	0.0000	2,289.0826	2,289.0826	0.1760	0.1679	2,343.5109
Unmitigated	0.9644	0.7593	8.9453	0.1439	2.4567	0.1305	2.5872	0.7903	0.1296	0.9199	0.0000	2,315.7334	2,315.7334	0.1775	0.1696	2,370.7135

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	1,548.60	1,548.60	1548.60	6,099,694	6,027,860
Other Asphalt Surfaces	129.68	129.68	129.68	510,787	504,772
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	345.00	345.00	345.00	1,267,552	1,252,625
Unrefrigerated Warehouse-Rail	0.00	0.00	0.00		
Total	2,023.28	2,023.28	2,023.28	7,878,033	7,785,257

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Other Asphalt Surfaces	16.60	8.40	6.90	33.00	48.00	19.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	6.90	33.00	48.00	19.00	92	5	3
Unrefrigerated Warehouse-Rail	16.60	8.40	6.90	59.00	0.00	41.00	92	5	3

4.4 Fleet Mix

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Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.587967	0.056532	0.173573	0.132281	0.025040	0.000000	0.000000	0.000000	0.000000	0.000000	0.024607	0.000000	0.000000
Other Asphalt Surfaces	0.587967	0.056532	0.173573	0.132281	0.025040	0.000000	0.000000	0.000000	0.000000	0.000000	0.024607	0.000000	0.000000
Parking Lot	0.545300	0.056532	0.173573	0.132281	0.025040	0.006914	0.012148	0.017464	0.000548	0.000245	0.024607	0.000958	0.004391
Refrigerated Warehouse-Rail	0.587967	0.056532	0.173573	0.132281	0.025040	0.000000	0.000000	0.000000	0.000000	0.000000	0.024607	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.545300	0.056532	0.173573	0.132281	0.025040	0.006914	0.012148	0.017464	0.000548	0.000245	0.024607	0.000958	0.004391

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,841.6661	1,841.6661	0.0000	0.0000	1,841.6661
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,019.0464	2,019.0464	0.0000	0.0000	2,019.0464
NaturalGas Mitigated	0.0776	0.7057	0.5928	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	768.1871	768.1871	0.0147	0.0141	772.7520
NaturalGas Unmitigated	0.0841	0.7645	0.6422	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.2523	832.2523	0.0160	0.0153	837.1979

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5.2 Energy by Land Use - Natural Gas

Unmitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	102900	5.5000e-004	5.0400e-003	4.2400e-003	3.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	5.4911	5.4911	1.1000e-004	1.0000e-004	5.5238
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	1.29325e+007	0.0697	0.6340	0.5325	3.8000e-003		0.0482	0.0482		0.0482	0.0482	0.0000	690.1275	690.1275	0.0132	0.0127	694.2285
Unrefrigerated Warehouse-Rail	2.56042e+006	0.0138	0.1255	0.1054	7.5000e-004		9.5400e-003	9.5400e-003		9.5400e-003	9.5400e-003	0.0000	136.6337	136.6337	2.6200e-003	2.5000e-003	137.4456
Total		0.0841	0.7645	0.6422	4.5800e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.2523	832.2523	0.0160	0.0153	837.1979

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5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	66885	3.6000e-004	3.2800e-003	2.7500e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5692	3.5692	7.0000e-005	7.0000e-005	3.5905
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	1.26508e+007	0.0682	0.6201	0.5209	3.7200e-003		0.0471	0.0471		0.0471	0.0471	0.0000	675.0922	675.0922	0.0129	0.0124	679.1039
Unrefrigerated Warehouse-Rail	1.67765e+006	9.0500e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.5257	89.5257	1.7200e-003	1.6400e-003	90.0577
Total		0.0776	0.7057	0.5927	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	768.1871	768.1871	0.0147	0.0141	772.7520

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5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	275700	40.6430	0.0000	0.0000	40.6430
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	505100	74.4606	0.0000	0.0000	74.4606
Refrigerated Warehouse-Rail	9.96e+006	1,468.2785	0.0000	0.0000	1,468.2785
Unrefrigerated Warehouse-Rail	2.95531e+006	435.6643	0.0000	0.0000	435.6643
Total		2,019.0464	0.0000	0.0000	2,019.0464

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5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	208500	30.7366	0.0000	0.0000	30.7366
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	328315	48.3994	0.0000	0.0000	48.3994
Refrigerated Warehouse-Rail	9.6695e+006	1,425.4537	0.0000	0.0000	1,425.4537
Unrefrigerated Warehouse-Rail	2.28654e+006	337.0765	0.0000	0.0000	337.0765
Total		1,841.6661	0.0000	0.0000	1,841.6661

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Unmitigated	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7510					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8800e-003	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424
Total	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424

Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7510					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-004	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Total	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	645.1379	9.3251	0.2202	943.8792
Unmitigated	805.4924	11.6563	0.2752	1,178.9190

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.33201 / 3.26801	17.2789	0.1737	4.1000e-003	22.8450
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	57.8125 / 0	129.3137	1.8838	0.0445	189.6646
Unrefrigerated Warehouse-Rail	294.575 / 0	658.8998	9.5988	0.2267	966.4094
Total		805.4924	11.6563	0.2752	1,178.9190

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.26561 / 3.06866	14.5671	0.1390	3.2800e-003	19.0200
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	46.25 / 0	103.4510	1.5071	0.0356	151.7317
Unrefrigerated Warehouse-Rail	235.66 / 0	527.1199	7.6790	0.1813	773.1275
Total		645.1379	9.3251	0.2202	943.8792

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	74.1074	4.3796	0.0000	183.5980
Unmitigated	296.4297	17.5185	0.0000	734.3921

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	27.9	5.6635	0.3347	0.0000	14.0310
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	235	47.7029	2.8192	0.0000	118.1819
Unrefrigerated Warehouse-Rail	1197.41	243.0634	14.3646	0.0000	602.1793
Total		296.4297	17.5185	0.0000	734.3921

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	6.975	1.4159	0.0837	0.0000	3.5077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	58.75	11.9257	0.7048	0.0000	29.5455
Unrefrigerated Warehouse-Rail	299.353	60.7659	3.5912	0.0000	150.5448
Total		74.1074	4.3796	0.0000	183.5980

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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Speedway Commerce Center (Phase 2 Passenger Cars) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

**Speedway Commerce Center (Phase 2 Trucks)(*Mobile Source/Truck Operations Only)
San Bernardino-South Coast County, Annual**

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
General Office Building	30.00	1000sqft	0.69	30,000.00	0
Refrigerated Warehouse-Rail	250.00	1000sqft	5.74	250,000.00	0
Unrefrigerated Warehouse-Rail	1,273.84	1000sqft	29.24	1,273,840.00	0
Other Asphalt Surfaces	17.74	Acre	17.74	772,754.40	0
Parking Lot	33.13	Acre	33.13	1,443,142.80	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2026
Utility Company	Southern California Edison				
CO2 Intensity (lb/MW hr)	325	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor adjusted per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Trips - Phase2 Trucks run

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products -

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Area Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix - Phase2 trucks run

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	100.00	0.00
tblFleetMix	HHD	0.02	0.64
tblFleetMix	HHD	0.02	0.60
tblFleetMix	HHD	0.02	0.60
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDA	0.55	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT1	0.06	0.00
tblFleetMix	LDT2	0.17	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LDT2	0.17	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD1	0.03	0.00
tblFleetMix	LHD2	6.9140e-003	0.12
tblFleetMix	LHD2	6.9140e-003	0.17
tblFleetMix	LHD2	6.9140e-003	0.17
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MCY	0.02	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MDV	0.13	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MH	4.3910e-003	0.00
tblFleetMix	MHD	0.01	0.24
tblFleetMix	MHD	0.01	0.23
tblFleetMix	MHD	0.01	0.23
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	OBUS	5.4800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	SBUS	9.5800e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00
tblFleetMix	UBUS	2.4500e-004	0.00

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	325
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.2731e-008
tblVehicleEF	HHD	8.62	5.26
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	2.0270e-003	9.7248e-004
tblVehicleEF	HHD	1,349.94	794.42
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3919e-006
tblVehicleEF	HHD	7.03	3.93
tblVehicleEF	HHD	2.11	1.59
tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	2.8590e-003	1.9831e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	2.7350e-003	1.8926e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.0000e-006	9.6189e-005
tblVehicleEF	HHD	4.5000e-005	2.6249e-005
tblVehicleEF	HHD	0.58	0.32
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.9000e-005	2.8077e-005
tblVehicleEF	HHD	1.0000e-006	1.6842e-007
tblVehicleEF	HHD	0.01	6.7504e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1510e-007
tblVehicleEF	HHD	1.0000e-006	9.6189e-005
tblVehicleEF	HHD	4.5000e-005	2.6249e-005
tblVehicleEF	HHD	0.67	0.56
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	1.9000e-005	2.8077e-005
tblVehicleEF	HHD	1.0000e-006	1.8440e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.1227e-008
tblVehicleEF	HHD	8.50	5.19
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	1.8980e-003	9.1812e-004
tblVehicleEF	HHD	1,333.02	786.14
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3605e-006

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	6.69	3.75
tblVehicleEF	HHD	1.99	1.51
tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	2.5230e-003	1.7515e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	2.4140e-003	1.6711e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007
tblVehicleEF	HHD	3.0000e-006	1.4473e-004
tblVehicleEF	HHD	5.3000e-005	2.9004e-005
tblVehicleEF	HHD	0.62	0.33
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.9000e-005	3.0040e-005
tblVehicleEF	HHD	1.0000e-006	1.6116e-007
tblVehicleEF	HHD	0.01	6.6719e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1425e-007
tblVehicleEF	HHD	3.0000e-006	1.4473e-004
tblVehicleEF	HHD	5.3000e-005	2.9004e-005
tblVehicleEF	HHD	0.70	0.58
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	1.9000e-005	3.0040e-005

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.0000e-006	1.7645e-007
tblVehicleEF	HHD	0.03	0.22
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	3.2545e-008
tblVehicleEF	HHD	8.78	5.35
tblVehicleEF	HHD	0.33	0.77
tblVehicleEF	HHD	1.9980e-003	9.6487e-004
tblVehicleEF	HHD	1,373.31	805.87
tblVehicleEF	HHD	1,232.49	1,500.44
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	0.22	0.13
tblVehicleEF	HHD	0.20	0.24
tblVehicleEF	HHD	3.0000e-006	1.3839e-006
tblVehicleEF	HHD	7.50	4.17
tblVehicleEF	HHD	2.08	1.57
tblVehicleEF	HHD	2.33	2.66
tblVehicleEF	HHD	3.3220e-003	2.3029e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	3.3924e-007
tblVehicleEF	HHD	3.1790e-003	2.1986e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9130e-003	8.8063e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	3.1192e-007
tblVehicleEF	HHD	2.0000e-006	9.5783e-005
tblVehicleEF	HHD	5.3000e-005	2.5993e-005
tblVehicleEF	HHD	0.53	0.29

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	2.0000e-005	2.9448e-005
tblVehicleEF	HHD	1.0000e-006	1.6748e-007
tblVehicleEF	HHD	0.01	6.8587e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	1.1498e-007
tblVehicleEF	HHD	2.0000e-006	9.5783e-005
tblVehicleEF	HHD	5.3000e-005	2.5993e-005
tblVehicleEF	HHD	0.61	0.53
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.08	0.15
tblVehicleEF	HHD	2.0000e-005	2.9448e-005
tblVehicleEF	HHD	1.0000e-006	1.8337e-007
tblVehicleEF	LDA	1.5350e-003	1.8026e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.51	0.63
tblVehicleEF	LDA	1.86	2.46
tblVehicleEF	LDA	230.85	253.98
tblVehicleEF	LDA	47.39	63.30
tblVehicleEF	LDA	3.7420e-003	3.8476e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.03	0.03
tblVehicleEF	LDA	0.15	0.21
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	5.4470e-003	6.4517e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	2.2840e-003	2.5107e-003
tblVehicleEF	LDA	4.6900e-004	6.2583e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.9200e-003	9.4045e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDA	1.7620e-003	1.9173e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.62	0.85
tblVehicleEF	LDA	1.55	2.07
tblVehicleEF	LDA	252.00	275.48
tblVehicleEF	LDA	46.82	62.57
tblVehicleEF	LDA	3.5080e-003	3.4206e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.14	0.19
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003

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tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	6.1750e-003	6.7716e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.21
tblVehicleEF	LDA	2.4930e-003	2.7233e-003
tblVehicleEF	LDA	4.6300e-004	6.1856e-004
tblVehicleEF	LDA	0.09	0.38
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	8.9820e-003	9.8713e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	1.4980e-003	1.7878e-003
tblVehicleEF	LDA	0.04	0.06
tblVehicleEF	LDA	0.48	0.59
tblVehicleEF	LDA	1.83	2.47
tblVehicleEF	LDA	225.89	250.03
tblVehicleEF	LDA	47.34	63.32
tblVehicleEF	LDA	3.5890e-003	3.7474e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03

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tblVehicleEF	LDA	0.14	0.21
tblVehicleEF	LDA	0.04	7.1089e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.2160e-003	1.1349e-003
tblVehicleEF	LDA	1.5800e-003	1.8741e-003
tblVehicleEF	LDA	0.02	2.4881e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.1200e-003	1.0441e-003
tblVehicleEF	LDA	1.4530e-003	1.7231e-003
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	5.3110e-003	6.4012e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	2.2350e-003	2.4716e-003
tblVehicleEF	LDA	4.6800e-004	6.2594e-004
tblVehicleEF	LDA	0.05	0.30
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.7210e-003	9.3307e-003
tblVehicleEF	LDA	0.03	0.02
tblVehicleEF	LDA	0.17	0.27
tblVehicleEF	LDT1	3.9900e-003	7.3205e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.92	1.65
tblVehicleEF	LDT1	2.06	5.49
tblVehicleEF	LDT1	275.61	328.38
tblVehicleEF	LDT1	57.91	86.11

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tblVehicleEF	LDT1	6.1380e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.15
tblVehicleEF	LDT1	0.22	0.41
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003
tblVehicleEF	LDT1	0.13	0.84
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.28	0.58
tblVehicleEF	LDT1	2.7270e-003	3.2464e-003
tblVehicleEF	LDT1	5.7300e-004	8.5129e-004
tblVehicleEF	LDT1	0.13	0.84
tblVehicleEF	LDT1	0.19	0.21
tblVehicleEF	LDT1	0.10	0.00
tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.31	0.63
tblVehicleEF	LDT1	4.5340e-003	7.7653e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	1.12	2.21

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tblVehicleEF	LDT1	1.71	4.57
tblVehicleEF	LDT1	297.62	353.76
tblVehicleEF	LDT1	57.21	84.38
tblVehicleEF	LDT1	5.6990e-003	9.5218e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.07	0.13
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003
tblVehicleEF	LDT1	0.28	1.09
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.23	0.50
tblVehicleEF	LDT1	2.9450e-003	3.4972e-003
tblVehicleEF	LDT1	5.6600e-004	8.3415e-004
tblVehicleEF	LDT1	0.28	1.09
tblVehicleEF	LDT1	0.23	0.23
tblVehicleEF	LDT1	0.21	0.00
tblVehicleEF	LDT1	0.03	0.05
tblVehicleEF	LDT1	0.08	0.08
tblVehicleEF	LDT1	0.26	0.54

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tblVehicleEF	LDT1	3.9000e-003	7.2596e-003
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.88	1.55
tblVehicleEF	LDT1	2.02	5.50
tblVehicleEF	LDT1	270.39	323.72
tblVehicleEF	LDT1	57.85	86.14
tblVehicleEF	LDT1	5.8810e-003	0.01
tblVehicleEF	LDT1	0.03	0.04
tblVehicleEF	LDT1	0.07	0.14
tblVehicleEF	LDT1	0.21	0.41
tblVehicleEF	LDT1	0.04	8.8125e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.6110e-003	1.9526e-003
tblVehicleEF	LDT1	2.1360e-003	3.1075e-003
tblVehicleEF	LDT1	0.02	3.0844e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.7960e-003
tblVehicleEF	LDT1	1.9640e-003	2.8573e-003
tblVehicleEF	LDT1	0.14	0.84
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.28	0.58
tblVehicleEF	LDT1	2.6760e-003	3.2003e-003
tblVehicleEF	LDT1	5.7200e-004	8.5162e-004
tblVehicleEF	LDT1	0.14	0.84
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.09	0.00

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tblVehicleEF	LDT1	0.02	0.05
tblVehicleEF	LDT1	0.10	0.08
tblVehicleEF	LDT1	0.30	0.64
tblVehicleEF	LDT2	2.7750e-003	2.5378e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.72	0.79
tblVehicleEF	LDT2	2.40	3.04
tblVehicleEF	LDT2	286.47	330.95
tblVehicleEF	LDT2	60.44	82.51
tblVehicleEF	LDT2	5.3020e-003	5.4109e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	9.6456e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.31
tblVehicleEF	LDT2	2.8340e-003	3.2714e-003
tblVehicleEF	LDT2	5.9800e-004	8.1574e-004

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tblVehicleEF	LDT2	0.09	0.32
tblVehicleEF	LDT2	0.12	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.27	0.34
tblVehicleEF	LDT2	3.1730e-003	2.6976e-003
tblVehicleEF	LDT2	0.05	0.06
tblVehicleEF	LDT2	0.88	1.06
tblVehicleEF	LDT2	1.99	2.55
tblVehicleEF	LDT2	307.21	353.76
tblVehicleEF	LDT2	59.66	81.59
tblVehicleEF	LDT2	4.9520e-003	4.8227e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.26
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.17	0.40
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.03

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tblVehicleEF	LDT2	0.21	0.27
tblVehicleEF	LDT2	3.0390e-003	3.4969e-003
tblVehicleEF	LDT2	5.9000e-004	8.0661e-004
tblVehicleEF	LDT2	0.17	0.40
tblVehicleEF	LDT2	0.14	0.08
tblVehicleEF	LDT2	0.15	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.03
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	2.7100e-003	2.5170e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.68	0.74
tblVehicleEF	LDT2	2.36	3.04
tblVehicleEF	LDT2	281.56	326.75
tblVehicleEF	LDT2	60.37	82.53
tblVehicleEF	LDT2	5.0850e-003	5.2735e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.22	0.28
tblVehicleEF	LDT2	0.04	8.3436e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.3040e-003	1.2048e-003
tblVehicleEF	LDT2	1.6720e-003	1.9415e-003
tblVehicleEF	LDT2	0.02	2.9203e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.2000e-003	1.1083e-003
tblVehicleEF	LDT2	1.5370e-003	1.7851e-003
tblVehicleEF	LDT2	0.08	0.32
tblVehicleEF	LDT2	0.13	0.08

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tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	9.5696e-003
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	2.7850e-003	3.2299e-003
tblVehicleEF	LDT2	5.9700e-004	8.1593e-004
tblVehicleEF	LDT2	0.08	0.32
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.06	0.03
tblVehicleEF	LDT2	0.27	0.35
tblVehicleEF	LHD1	4.3860e-003	4.8663e-003
tblVehicleEF	LHD1	4.3340e-003	2.4553e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.58	0.57
tblVehicleEF	LHD1	0.92	1.93
tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.33	344.05
tblVehicleEF	LHD1	10.03	16.10
tblVehicleEF	LHD1	8.5400e-004	7.1535e-004
tblVehicleEF	LHD1	0.04	4.7169e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	1.01	0.08
tblVehicleEF	LHD1	0.26	0.38
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.05

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tblVehicleEF	LHD1	0.01	4.8012e-003
tblVehicleEF	LHD1	8.8180e-003	6.7689e-004
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004
tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5040e-003	1.2003e-003
tblVehicleEF	LHD1	8.4140e-003	6.2237e-004
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	2.5580e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2900e-003	0.00
tblVehicleEF	LHD1	0.05	0.01
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005
tblVehicleEF	LHD1	5.9570e-003	3.4013e-003
tblVehicleEF	LHD1	9.9000e-005	1.5921e-004
tblVehicleEF	LHD1	2.5580e-003	0.13
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2900e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD1	4.4000e-003	4.8841e-003
tblVehicleEF	LHD1	4.4160e-003	1.7639e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18

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tblVehicleEF	LHD1	0.59	0.11
tblVehicleEF	LHD1	0.86	1.83
tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.35	194.35
tblVehicleEF	LHD1	9.93	15.94
tblVehicleEF	LHD1	8.5600e-004	7.1756e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.94	0.53
tblVehicleEF	LHD1	0.25	0.36
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9357e-003
tblVehicleEF	LHD1	8.8180e-003	9.5549e-003
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004
tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5040e-003	1.2339e-003
tblVehicleEF	LHD1	8.4140e-003	9.1415e-003
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	5.0260e-003	0.16
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.8810e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005

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tblVehicleEF	LHD1	5.9580e-003	1.8415e-003
tblVehicleEF	LHD1	9.8000e-005	1.5756e-004
tblVehicleEF	LHD1	5.0260e-003	0.16
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.8810e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.21	0.07
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	4.3890e-003	4.8683e-003
tblVehicleEF	LHD1	4.3430e-003	1.7639e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.58	0.11
tblVehicleEF	LHD1	0.90	1.92
tblVehicleEF	LHD1	9.02	8.72
tblVehicleEF	LHD1	612.33	194.35
tblVehicleEF	LHD1	10.01	16.09
tblVehicleEF	LHD1	8.5500e-004	7.1598e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.06
tblVehicleEF	LHD1	0.99	0.56
tblVehicleEF	LHD1	0.26	0.37
tblVehicleEF	LHD1	9.9000e-004	7.8650e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9357e-003
tblVehicleEF	LHD1	8.8180e-003	9.5549e-003
tblVehicleEF	LHD1	2.2400e-004	1.9290e-004

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tblVehicleEF	LHD1	9.4700e-004	7.5247e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5040e-003	1.2339e-003
tblVehicleEF	LHD1	8.4140e-003	9.1415e-003
tblVehicleEF	LHD1	2.0600e-004	1.7737e-004
tblVehicleEF	LHD1	2.7570e-003	0.13
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2680e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.23	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	8.7000e-005	8.4700e-005
tblVehicleEF	LHD1	5.9570e-003	1.8415e-003
tblVehicleEF	LHD1	9.9000e-005	1.5903e-004
tblVehicleEF	LHD1	2.7570e-003	0.13
tblVehicleEF	LHD1	0.09	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2680e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.23	0.06
tblVehicleEF	LHD1	0.07	0.10
tblVehicleEF	LHD2	2.9450e-003	3.2491e-003
tblVehicleEF	LHD2	3.0680e-003	8.4743e-004
tblVehicleEF	LHD2	7.2680e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.39	0.23
tblVehicleEF	LHD2	0.52	1.16
tblVehicleEF	LHD2	14.10	13.54

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tblVehicleEF	LHD2	612.80	226.94
tblVehicleEF	LHD2	7.09	9.95
tblVehicleEF	LHD2	1.7980e-003	1.6378e-003
tblVehicleEF	LHD2	0.06	2.7122e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.09	0.04
tblVehicleEF	LHD2	0.17	0.25
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8100e-003
tblVehicleEF	LHD2	0.01	3.3290e-004
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7060e-003	7.0251e-004
tblVehicleEF	LHD2	0.01	3.0609e-004
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005
tblVehicleEF	LHD2	1.2570e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9200e-004	0.00
tblVehicleEF	LHD2	0.05	3.7921e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	2.2436e-003
tblVehicleEF	LHD2	7.0000e-005	9.8381e-005
tblVehicleEF	LHD2	1.2570e-003	0.08

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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.9200e-004	0.00
tblVehicleEF	LHD2	0.06	5.5334e-003
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	2.9540e-003	3.2608e-003
tblVehicleEF	LHD2	3.0940e-003	2.6435e-003
tblVehicleEF	LHD2	6.9430e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.40	0.15
tblVehicleEF	LHD2	0.49	1.10
tblVehicleEF	LHD2	14.10	13.54
tblVehicleEF	LHD2	612.80	374.67
tblVehicleEF	LHD2	7.04	9.85
tblVehicleEF	LHD2	1.8000e-003	1.6392e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.03	0.68
tblVehicleEF	LHD2	0.16	0.24
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9093e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7060e-003	1.9773e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005
tblVehicleEF	LHD2	2.4210e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4810e-003	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	3.5502e-003
tblVehicleEF	LHD2	7.0000e-005	9.7392e-005
tblVehicleEF	LHD2	2.4210e-003	0.10
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4810e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	2.9470e-003	3.2503e-003
tblVehicleEF	LHD2	3.0710e-003	2.6435e-003
tblVehicleEF	LHD2	7.2070e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.39	0.15
tblVehicleEF	LHD2	0.52	1.15
tblVehicleEF	LHD2	14.10	13.54
tblVehicleEF	LHD2	612.80	374.67
tblVehicleEF	LHD2	7.08	9.94
tblVehicleEF	LHD2	1.7980e-003	1.6382e-003

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tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	1.07	0.71
tblVehicleEF	LHD2	0.16	0.24
tblVehicleEF	LHD2	1.4530e-003	1.3094e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9093e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0800e-004	8.8794e-005
tblVehicleEF	LHD2	1.3900e-003	1.2528e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7060e-003	1.9773e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0000e-004	8.1643e-005
tblVehicleEF	LHD2	1.2650e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7200e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3500e-004	1.2983e-004
tblVehicleEF	LHD2	5.9080e-003	3.5502e-003
tblVehicleEF	LHD2	7.0000e-005	9.8280e-005
tblVehicleEF	LHD2	1.2650e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.7200e-004	0.00

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tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.09	0.04
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	MCY	0.32	0.56
tblVehicleEF	MCY	0.25	0.17
tblVehicleEF	MCY	19.37	0.56
tblVehicleEF	MCY	8.87	7.64
tblVehicleEF	MCY	210.88	0.56
tblVehicleEF	MCY	60.33	46.87
tblVehicleEF	MCY	0.07	0.56
tblVehicleEF	MCY	0.02	7.5844e-003
tblVehicleEF	MCY	1.15	0.56
tblVehicleEF	MCY	0.27	0.13
tblVehicleEF	MCY	0.01	0.56
tblVehicleEF	MCY	4.0000e-003	0.56
tblVehicleEF	MCY	1.9620e-003	0.56
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.56
tblVehicleEF	MCY	1.0000e-003	0.56
tblVehicleEF	MCY	1.8320e-003	0.56
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.81	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.18	0.56
tblVehicleEF	MCY	0.39	0.56
tblVehicleEF	MCY	1.87	1.24
tblVehicleEF	MCY	2.0870e-003	0.56
tblVehicleEF	MCY	5.9700e-004	4.6339e-004

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tblVehicleEF	MCY	1.45	2.51
tblVehicleEF	MCY	0.81	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.70	0.56
tblVehicleEF	MCY	0.39	0.56
tblVehicleEF	MCY	2.03	1.35
tblVehicleEF	MCY	0.32	0.48
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.51	0.48
tblVehicleEF	MCY	7.97	6.87
tblVehicleEF	MCY	210.93	0.48
tblVehicleEF	MCY	58.05	45.17
tblVehicleEF	MCY	0.06	0.48
tblVehicleEF	MCY	0.01	7.4420e-003
tblVehicleEF	MCY	0.98	0.48
tblVehicleEF	MCY	0.25	0.12
tblVehicleEF	MCY	0.01	0.48
tblVehicleEF	MCY	4.0000e-003	0.48
tblVehicleEF	MCY	1.9620e-003	0.48
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.48
tblVehicleEF	MCY	1.0000e-003	0.48
tblVehicleEF	MCY	1.8320e-003	0.48
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	3.13	3.74
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.08	0.00
tblVehicleEF	MCY	2.13	0.48
tblVehicleEF	MCY	0.39	0.48

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tblVehicleEF	MCY	1.60	1.09
tblVehicleEF	MCY	2.0870e-003	0.48
tblVehicleEF	MCY	5.7400e-004	4.4655e-004
tblVehicleEF	MCY	3.13	3.74
tblVehicleEF	MCY	1.26	3.76
tblVehicleEF	MCY	2.08	0.00
tblVehicleEF	MCY	2.64	0.48
tblVehicleEF	MCY	0.39	0.48
tblVehicleEF	MCY	1.75	1.19
tblVehicleEF	MCY	0.32	0.54
tblVehicleEF	MCY	0.24	0.17
tblVehicleEF	MCY	18.54	0.54
tblVehicleEF	MCY	8.53	7.53
tblVehicleEF	MCY	209.44	0.54
tblVehicleEF	MCY	59.57	46.65
tblVehicleEF	MCY	0.06	0.54
tblVehicleEF	MCY	0.02	7.5906e-003
tblVehicleEF	MCY	1.11	0.54
tblVehicleEF	MCY	0.26	0.13
tblVehicleEF	MCY	0.01	0.54
tblVehicleEF	MCY	4.0000e-003	0.54
tblVehicleEF	MCY	1.9620e-003	0.54
tblVehicleEF	MCY	2.8020e-003	3.2848e-003
tblVehicleEF	MCY	5.0400e-003	0.54
tblVehicleEF	MCY	1.0000e-003	0.54
tblVehicleEF	MCY	1.8320e-003	0.54
tblVehicleEF	MCY	2.6300e-003	3.0822e-003
tblVehicleEF	MCY	1.70	2.60
tblVehicleEF	MCY	1.07	3.60

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tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.14	0.54
tblVehicleEF	MCY	0.45	0.54
tblVehicleEF	MCY	1.80	1.22
tblVehicleEF	MCY	2.0730e-003	0.54
tblVehicleEF	MCY	5.9000e-004	4.6118e-004
tblVehicleEF	MCY	1.70	2.60
tblVehicleEF	MCY	1.07	3.60
tblVehicleEF	MCY	0.70	0.00
tblVehicleEF	MCY	2.66	0.54
tblVehicleEF	MCY	0.45	0.54
tblVehicleEF	MCY	1.96	1.33
tblVehicleEF	MDV	3.4430e-003	3.5196e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	0.80	0.94
tblVehicleEF	MDV	2.68	3.42
tblVehicleEF	MDV	358.68	405.46
tblVehicleEF	MDV	75.12	101.56
tblVehicleEF	MDV	7.3710e-003	7.7147e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.07	0.09
tblVehicleEF	MDV	0.27	0.38
tblVehicleEF	MDV	0.04	8.5818e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003
tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003

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tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MDV	3.5450e-003	4.0062e-003
tblVehicleEF	MDV	7.4300e-004	1.0041e-003
tblVehicleEF	MDV	0.11	0.44
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MDV	3.9420e-003	3.7427e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.97	1.26
tblVehicleEF	MDV	2.22	2.86
tblVehicleEF	MDV	380.41	428.94
tblVehicleEF	MDV	74.23	100.48
tblVehicleEF	MDV	6.9530e-003	6.9489e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.25	0.36
tblVehicleEF	MDV	0.04	8.5818e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003

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tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003
tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.21	0.54
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.7610e-003	4.2384e-003
tblVehicleEF	MDV	7.3500e-004	9.9333e-004
tblVehicleEF	MDV	0.21	0.54
tblVehicleEF	MDV	0.17	0.11
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.28	0.41
tblVehicleEF	MDV	3.3580e-003	3.4897e-003
tblVehicleEF	MDV	0.06	0.09
tblVehicleEF	MDV	0.75	0.88
tblVehicleEF	MDV	2.64	3.43
tblVehicleEF	MDV	353.53	401.14
tblVehicleEF	MDV	75.05	101.59
tblVehicleEF	MDV	7.1110e-003	7.5364e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	0.04	8.5818e-003

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tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.3620e-003	1.3049e-003
tblVehicleEF	MDV	1.6900e-003	2.0284e-003
tblVehicleEF	MDV	0.02	3.0036e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.2560e-003	1.2032e-003
tblVehicleEF	MDV	1.5540e-003	1.8650e-003
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MDV	3.4950e-003	3.9635e-003
tblVehicleEF	MDV	7.4300e-004	1.0043e-003
tblVehicleEF	MDV	0.10	0.44
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.04
tblVehicleEF	MDV	0.34	0.48
tblVehicleEF	MH	7.6700e-003	4.4734e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.84	2.0961e-003
tblVehicleEF	MH	1.87	2.16
tblVehicleEF	MH	1,410.41	4.9695e-003
tblVehicleEF	MH	17.41	21.64
tblVehicleEF	MH	0.06	9.4303e-007
tblVehicleEF	MH	0.03	0.03

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MH	1.41	1.34
tblVehicleEF	MH	0.24	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	5.0648e-004
tblVehicleEF	MH	0.03	0.13
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	0.91	33.30
tblVehicleEF	MH	0.06	7.69
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.05	3.4603e-008
tblVehicleEF	MH	0.01	2.0519e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	3.6458e-005
tblVehicleEF	MH	1.7200e-004	2.1389e-004
tblVehicleEF	MH	0.91	33.30
tblVehicleEF	MH	0.06	7.69
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.07	4.6673e-003
tblVehicleEF	MH	0.01	2.0519e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.8670e-003	4.5845e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.87	2.2329e-003
tblVehicleEF	MH	1.71	2.01
tblVehicleEF	MH	1,410.46	4.9697e-003

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tblVehicleEF	MH	17.14	21.38
tblVehicleEF	MH	0.06	8.7760e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.31	1.25
tblVehicleEF	MH	0.23	0.29
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	4.7755e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	1.79	42.06
tblVehicleEF	MH	0.07	8.32
tblVehicleEF	MH	0.79	0.00
tblVehicleEF	MH	0.05	3.3176e-008
tblVehicleEF	MH	0.01	2.1264e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	3.8838e-005
tblVehicleEF	MH	1.7000e-004	2.1137e-004
tblVehicleEF	MH	1.79	42.06
tblVehicleEF	MH	0.07	8.32
tblVehicleEF	MH	0.79	0.00
tblVehicleEF	MH	0.07	5.1976e-003
tblVehicleEF	MH	0.01	2.1264e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	7.6880e-003	4.4769e-005
tblVehicleEF	MH	0.02	0.03

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tblVehicleEF	MH	0.84	2.1468e-003
tblVehicleEF	MH	1.85	2.16
tblVehicleEF	MH	1,410.42	4.9695e-003
tblVehicleEF	MH	17.38	21.64
tblVehicleEF	MH	0.06	9.2279e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.38	1.31
tblVehicleEF	MH	0.24	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.4465e-011
tblVehicleEF	MH	0.04	2.8721e-009
tblVehicleEF	MH	2.1900e-004	2.4935e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.2980e-003	4.9820e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	2.0200e-004	2.2927e-004
tblVehicleEF	MH	1.02	33.27
tblVehicleEF	MH	0.07	7.66
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.05	3.3890e-008
tblVehicleEF	MH	0.02	2.0997e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	0.01	3.7340e-005
tblVehicleEF	MH	1.7200e-004	2.1397e-004
tblVehicleEF	MH	1.02	33.27
tblVehicleEF	MH	0.07	7.66
tblVehicleEF	MH	0.34	0.00
tblVehicleEF	MH	0.07	4.6473e-003
tblVehicleEF	MH	0.02	2.0997e-003

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tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	2.9940e-003	0.02
tblVehicleEF	MHD	9.6000e-004	7.6666e-003
tblVehicleEF	MHD	7.1190e-003	5.4980e-003
tblVehicleEF	MHD	0.33	0.64
tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.75	0.61
tblVehicleEF	MHD	61.88	158.09
tblVehicleEF	MHD	924.73	1,101.97
tblVehicleEF	MHD	7.15	5.51
tblVehicleEF	MHD	9.0040e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	6.0410e-003	3.9950e-003
tblVehicleEF	MHD	0.33	0.81
tblVehicleEF	MHD	1.01	0.61
tblVehicleEF	MHD	1.77	1.46
tblVehicleEF	MHD	2.0700e-004	9.6497e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005
tblVehicleEF	MHD	1.9800e-004	9.2251e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	4.0900e-004	0.02
tblVehicleEF	MHD	0.01	3.9529e-003
tblVehicleEF	MHD	0.01	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	2.2400e-004	0.00
tblVehicleEF	MHD	9.7180e-003	0.01
tblVehicleEF	MHD	0.01	9.5581e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.8700e-004	1.4498e-003
tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.1000e-005	5.4509e-005
tblVehicleEF	MHD	4.0900e-004	0.02
tblVehicleEF	MHD	0.01	3.9529e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.2400e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.5581e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8540e-003	0.02
tblVehicleEF	MHD	9.7900e-004	7.6869e-003
tblVehicleEF	MHD	6.7960e-003	5.2832e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.70	0.58
tblVehicleEF	MHD	61.59	156.56
tblVehicleEF	MHD	924.73	1,101.98
tblVehicleEF	MHD	7.06	5.46
tblVehicleEF	MHD	8.9300e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9120e-003	3.9274e-003
tblVehicleEF	MHD	0.32	0.77
tblVehicleEF	MHD	0.95	0.57
tblVehicleEF	MHD	1.77	1.46

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	1.7800e-004	8.2435e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005
tblVehicleEF	MHD	1.7000e-004	7.8798e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	7.9800e-004	0.03
tblVehicleEF	MHD	0.02	4.2663e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	4.9600e-004	0.00
tblVehicleEF	MHD	9.7970e-003	0.01
tblVehicleEF	MHD	0.01	9.9260e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.8400e-004	1.4354e-003
tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.0000e-005	5.3931e-005
tblVehicleEF	MHD	7.9800e-004	0.03
tblVehicleEF	MHD	0.02	4.2663e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	4.9600e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.9260e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.2040e-003	0.02
tblVehicleEF	MHD	9.6100e-004	7.6667e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	MHD	7.0350e-003	5.4584e-003
tblVehicleEF	MHD	0.39	0.69
tblVehicleEF	MHD	0.13	0.17
tblVehicleEF	MHD	0.74	0.61
tblVehicleEF	MHD	62.28	160.20
tblVehicleEF	MHD	924.73	1,101.97
tblVehicleEF	MHD	7.13	5.51
tblVehicleEF	MHD	9.1100e-003	0.03
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9980e-003	3.9779e-003
tblVehicleEF	MHD	0.35	0.85
tblVehicleEF	MHD	0.99	0.60
tblVehicleEF	MHD	1.77	1.46
tblVehicleEF	MHD	2.4800e-004	1.1591e-003
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7130e-003	7.4672e-003
tblVehicleEF	MHD	8.3000e-005	6.0516e-005
tblVehicleEF	MHD	2.3700e-004	1.1083e-003
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.3750e-003	7.1401e-003
tblVehicleEF	MHD	7.6000e-005	5.5643e-005
tblVehicleEF	MHD	4.2100e-004	0.02
tblVehicleEF	MHD	0.02	3.9312e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.1800e-004	0.00
tblVehicleEF	MHD	9.7270e-003	0.01
tblVehicleEF	MHD	0.01	9.7651e-003

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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	5.9100e-004	1.4697e-003
tblVehicleEF	MHD	8.8120e-003	0.01
tblVehicleEF	MHD	7.1000e-005	5.4429e-005
tblVehicleEF	MHD	4.2100e-004	0.02
tblVehicleEF	MHD	0.02	3.9312e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.1800e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.7651e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	8.9910e-003	0.02
tblVehicleEF	OBUS	5.0340e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.55
tblVehicleEF	OBUS	0.59	0.78
tblVehicleEF	OBUS	2.45	2.55
tblVehicleEF	OBUS	67.60	76.48
tblVehicleEF	OBUS	1,365.08	1,410.15
tblVehicleEF	OBUS	20.25	21.43
tblVehicleEF	OBUS	8.5650e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.28
tblVehicleEF	OBUS	0.85	0.99
tblVehicleEF	OBUS	0.69	0.70
tblVehicleEF	OBUS	8.5000e-005	4.3492e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	8.1000e-005	4.1550e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	2.6690e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.4500e-004	6.8687e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0000e-004	2.1189e-004
tblVehicleEF	OBUS	2.6690e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	OBUS	9.0700e-003	0.02
tblVehicleEF	OBUS	5.1780e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.54
tblVehicleEF	OBUS	0.60	0.80

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tblVehicleEF	OBUS	2.25	2.37
tblVehicleEF	OBUS	66.89	75.84
tblVehicleEF	OBUS	1,365.10	1,410.18
tblVehicleEF	OBUS	19.90	21.13
tblVehicleEF	OBUS	8.4600e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.24	0.27
tblVehicleEF	OBUS	0.78	0.92
tblVehicleEF	OBUS	0.67	0.69
tblVehicleEF	OBUS	7.5000e-005	3.7342e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	7.2000e-005	3.5667e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	5.1580e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.5390e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.3800e-004	6.8082e-004
tblVehicleEF	OBUS	0.01	0.01

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tblVehicleEF	OBUS	1.9700e-004	2.0892e-004
tblVehicleEF	OBUS	5.1580e-003	0.18
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.07	0.08
tblVehicleEF	OBUS	2.5390e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	8.9240e-003	0.02
tblVehicleEF	OBUS	5.0500e-003	0.04
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.52	0.55
tblVehicleEF	OBUS	0.59	0.78
tblVehicleEF	OBUS	2.43	2.55
tblVehicleEF	OBUS	68.58	77.37
tblVehicleEF	OBUS	1,365.08	1,410.16
tblVehicleEF	OBUS	20.22	21.44
tblVehicleEF	OBUS	8.7220e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.27	0.29
tblVehicleEF	OBUS	0.83	0.97
tblVehicleEF	OBUS	0.68	0.69
tblVehicleEF	OBUS	9.8000e-005	5.1984e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.3820e-003	0.02
tblVehicleEF	OBUS	2.3500e-004	2.3364e-004
tblVehicleEF	OBUS	9.4000e-005	4.9675e-004

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tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.0850e-003	0.02
tblVehicleEF	OBUS	2.1600e-004	2.1483e-004
tblVehicleEF	OBUS	2.7930e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.03	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	6.5400e-004	6.9523e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	2.0000e-004	2.1199e-004
tblVehicleEF	OBUS	2.7930e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1300e-003	0.00
tblVehicleEF	OBUS	0.04	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.14
tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.3990e-003	1.36
tblVehicleEF	SBUS	4.5740e-003	6.8796e-003
tblVehicleEF	SBUS	2.19	2.98
tblVehicleEF	SBUS	0.47	4.99
tblVehicleEF	SBUS	0.59	0.86
tblVehicleEF	SBUS	329.54	270.90
tblVehicleEF	SBUS	1,067.20	1,213.30

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tblVehicleEF	SBUS	3.57	5.39
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.9190e-003	6.1232e-003
tblVehicleEF	SBUS	2.94	1.06
tblVehicleEF	SBUS	4.02	2.06
tblVehicleEF	SBUS	1.17	0.19
tblVehicleEF	SBUS	2.6920e-003	1.5046e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	2.5760e-003	1.4204e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	8.0900e-004	0.07
tblVehicleEF	SBUS	6.0880e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1350e-003	1.2283e-003
tblVehicleEF	SBUS	0.01	6.6061e-003
tblVehicleEF	SBUS	3.5000e-005	5.3252e-005
tblVehicleEF	SBUS	8.0900e-004	0.07
tblVehicleEF	SBUS	6.0880e-003	0.01

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tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.4670e-003	1.36
tblVehicleEF	SBUS	3.7780e-003	5.7632e-003
tblVehicleEF	SBUS	2.16	2.97
tblVehicleEF	SBUS	0.47	5.00
tblVehicleEF	SBUS	0.42	0.62
tblVehicleEF	SBUS	335.12	273.25
tblVehicleEF	SBUS	1,067.21	1,213.33
tblVehicleEF	SBUS	3.27	4.99
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.7740e-003	5.9076e-003
tblVehicleEF	SBUS	2.98	1.08
tblVehicleEF	SBUS	3.77	1.93
tblVehicleEF	SBUS	1.17	0.18
tblVehicleEF	SBUS	2.2790e-003	1.3503e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	2.1800e-003	1.2728e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01

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tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	1.4630e-003	0.09
tblVehicleEF	SBUS	6.3280e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	7.8800e-004	0.00
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	9.4950e-003	0.02
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.1880e-003	1.2506e-003
tblVehicleEF	SBUS	0.01	6.6063e-003
tblVehicleEF	SBUS	3.2000e-005	4.9332e-005
tblVehicleEF	SBUS	1.4630e-003	0.09
tblVehicleEF	SBUS	6.3280e-003	0.01
tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	7.8800e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	9.4950e-003	0.02
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.05	0.53
tblVehicleEF	SBUS	5.3960e-003	1.36
tblVehicleEF	SBUS	4.6760e-003	7.0873e-003
tblVehicleEF	SBUS	2.24	2.99
tblVehicleEF	SBUS	0.46	4.99
tblVehicleEF	SBUS	0.61	0.90
tblVehicleEF	SBUS	321.84	267.66
tblVehicleEF	SBUS	1,067.20	1,213.30
tblVehicleEF	SBUS	3.59	5.45
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.14	0.16

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tblVehicleEF	SBUS	3.9540e-003	6.1982e-003
tblVehicleEF	SBUS	2.88	1.03
tblVehicleEF	SBUS	3.96	2.03
tblVehicleEF	SBUS	1.17	0.19
tblVehicleEF	SBUS	3.2630e-003	1.7178e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.8000e-005	5.3303e-005
tblVehicleEF	SBUS	3.1220e-003	1.6244e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7350e-003	2.5545e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.5000e-005	4.9010e-005
tblVehicleEF	SBUS	7.5100e-004	0.07
tblVehicleEF	SBUS	6.2180e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.08	0.07
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0620e-003	1.1976e-003
tblVehicleEF	SBUS	0.01	6.6061e-003
tblVehicleEF	SBUS	3.6000e-005	5.3898e-005
tblVehicleEF	SBUS	7.5100e-004	0.07
tblVehicleEF	SBUS	6.2180e-003	0.01
tblVehicleEF	SBUS	0.32	0.86
tblVehicleEF	SBUS	4.0900e-004	0.00
tblVehicleEF	SBUS	0.09	1.45

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tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	7.9693e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.40	1.05
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	16.38	7.52
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003
tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	1.4120e-003	0.02
tblVehicleEF	UBUS	0.01	5.4916e-003
tblVehicleEF	UBUS	8.4100e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.4700e-003	5.0350e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7330e-003	9.6224e-004
tblVehicleEF	UBUS	1.6200e-004	7.4313e-005
tblVehicleEF	UBUS	1.4120e-003	0.02

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.01	5.4916e-003
tblVehicleEF	UBUS	8.4100e-004	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.4700e-003	5.0350e-004
tblVehicleEF	UBUS	0.08	0.03
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	7.2767e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.15	0.90
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	15.96	7.26
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.15	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003
tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	2.6730e-003	0.03
tblVehicleEF	UBUS	0.01	5.9609e-003
tblVehicleEF	UBUS	1.8680e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.4460e-003	5.2600e-004
tblVehicleEF	UBUS	0.06	0.03

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tblVehicleEF	UBUS	3.7330e-003	9.6227e-004
tblVehicleEF	UBUS	1.5800e-004	7.1796e-005
tblVehicleEF	UBUS	2.6730e-003	0.03
tblVehicleEF	UBUS	0.01	5.9609e-003
tblVehicleEF	UBUS	1.8680e-003	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.4460e-003	5.2600e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.21	2.14
tblVehicleEF	UBUS	0.02	8.0256e-003
tblVehicleEF	UBUS	32.80	28.86
tblVehicleEF	UBUS	1.37	1.07
tblVehicleEF	UBUS	1,717.18	1,567.15
tblVehicleEF	UBUS	16.32	7.54
tblVehicleEF	UBUS	0.28	0.30
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.33
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7210e-003	1.6888e-003
tblVehicleEF	UBUS	2.1500e-004	3.9714e-005
tblVehicleEF	UBUS	0.03	0.04
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5860e-003	1.6101e-003
tblVehicleEF	UBUS	1.9700e-004	3.6516e-005
tblVehicleEF	UBUS	1.4350e-003	0.02
tblVehicleEF	UBUS	0.01	5.4589e-003
tblVehicleEF	UBUS	8.2800e-004	0.00

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tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.6900e-003	5.2279e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7330e-003	9.6224e-004
tblVehicleEF	UBUS	1.6200e-004	7.4562e-005
tblVehicleEF	UBUS	1.4350e-003	0.02
tblVehicleEF	UBUS	0.01	5.4589e-003
tblVehicleEF	UBUS	8.2800e-004	0.00
tblVehicleEF	UBUS	4.30	2.19
tblVehicleEF	UBUS	1.6900e-003	5.2279e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TL	6.90	33.20
tblVehicleTrips	CNW_TTP	0.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CNW_TTP	41.00	100.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	CW_TTP	59.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	DV_TP	5.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	0.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	PR_TP	92.00	100.00
tblVehicleTrips	ST_TR	2.21	0.00
tblVehicleTrips	ST_TR	0.00	39.64
tblVehicleTrips	ST_TR	2.12	0.74

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tblVehicleTrips	ST_TR	1.74	0.32
tblVehicleTrips	SU_TR	0.70	0.00
tblVehicleTrips	SU_TR	0.00	39.64
tblVehicleTrips	SU_TR	2.12	0.74
tblVehicleTrips	SU_TR	1.74	0.32
tblVehicleTrips	WD_TR	9.74	0.00
tblVehicleTrips	WD_TR	0.00	39.64
tblVehicleTrips	WD_TR	2.12	0.74
tblVehicleTrips	WD_TR	1.74	0.32

2.0 Emissions Summary

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424
Energy	0.0841	0.7645	0.6422	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	2,851.2987	2,851.2987	0.0160	0.0153	2,856.2443
Mobile	0.3479	22.1361	11.4456	0.1935	5.7294	0.2976	6.0270	1.5290	0.2846	1.8136	0.0000	19,455.0158	19,455.0158	1.4127	2.9527	20,370.2411
Waste						0.0000	0.0000		0.0000	0.0000	296.4297	0.0000	296.4297	17.5185	0.0000	734.3921
Water						0.0000	0.0000		0.0000	0.0000	113.4881	692.0044	805.4924	11.6563	0.2752	1,178.9190
Total	6.9429	22.9008	12.1083	0.1981	5.7294	0.3558	6.0851	1.5290	0.3428	1.8717	409.9178	22,998.3586	23,408.2764	30.6036	3.2432	25,139.8389

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Energy	0.0776	0.7057	0.5928	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	2,609.8532	2,609.8532	0.0147	0.0141	2,614.4182
Mobile	0.3479	22.1361	11.4456	0.1935	5.7294	0.2976	6.0270	1.5290	0.2846	1.8136	0.0000	19,455.0158	19,455.0158	1.4127	2.9527	20,370.2411
Waste						0.0000	0.0000		0.0000	0.0000	74.1074	0.0000	74.1074	4.3796	0.0000	183.5980
Water						0.0000	0.0000		0.0000	0.0000	90.7905	554.3475	645.1379	9.3251	0.2202	943.8792
Total	6.9353	22.8419	12.0502	0.1977	5.7294	0.3513	6.0806	1.5290	0.3383	1.8672	164.8979	22,619.2379	22,784.1358	15.1322	3.1870	24,112.1590

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.11	0.26	0.48	0.18	0.00	1.27	0.07	0.00	1.32	0.24	59.77	1.65	2.67	50.55	1.73	4.09

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2025	12/31/2024	5	0	

Acres of Grading (Site Preparation Phase): 0

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Acres of Grading (Grading Phase): 0

Acres of Paving: 50.87

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

- Replace Ground Cover
- Water Exposed Area
- Water Unpaved Roads
- Reduce Vehicle Speed on Unpaved Roads
- Clean Paved Roads

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

- Implement Trip Reduction Program
- Transit Subsidy

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Employee Vanpool/Shuttle

Provide Ride Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.3479	22.1361	11.4456	0.1935	5.7294	0.2976	6.0270	1.5290	0.2846	1.8136	0.0000	19,455.0158	19,455.0158	1.4127	2.9527	20,370.2411
Unmitigated	0.3479	22.1361	11.4456	0.1935	5.7294	0.2976	6.0270	1.5290	0.2846	1.8136	0.0000	19,455.0158	19,455.0158	1.4127	2.9527	20,370.2411

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
General Office Building	0.00	0.00	0.00		
Other Asphalt Surfaces	703.21	703.21	703.21	8,498,196	8,498,196
Parking Lot	0.00	0.00	0.00		
Refrigerated Warehouse-Rail	185.00	185.00	185.00	2,235,688	2,235,688
Unrefrigerated Warehouse-Rail	410.18	410.18	410.18	4,956,978	4,956,978
Total	1,298.40	1,298.40	1,298.40	15,690,861	15,690,861

4.3 Trip Type Information

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
General Office Building	16.60	8.40	6.90	33.00	48.00	19.00	77	19	4
Other Asphalt Surfaces	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Refrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

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Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Unrefrigerated Warehouse-Rail	16.60	8.40	33.20	0.00	0.00	100.00	100	0	0

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
General Office Building	0.545300	0.056532	0.173573	0.132281	0.025040	0.006914	0.012148	0.017464	0.000548	0.000245	0.024607	0.000958	0.004391
Other Asphalt Surfaces	0.000000	0.000000	0.000000	0.000000	0.000000	0.118984	0.243984	0.637032	0.000000	0.000000	0.000000	0.000000	0.000000
Parking Lot	0.545300	0.056532	0.173573	0.132281	0.025040	0.006914	0.012148	0.017464	0.000548	0.000245	0.024607	0.000958	0.004391
Refrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.169811	0.226415	0.603774	0.000000	0.000000	0.000000	0.000000	0.000000
Unrefrigerated Warehouse-Rail	0.000000	0.000000	0.000000	0.000000	0.000000	0.169811	0.226415	0.603774	0.000000	0.000000	0.000000	0.000000	0.000000

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	1,841.6661	1,841.6661	0.0000	0.0000	1,841.6661
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	2,019.0464	2,019.0464	0.0000	0.0000	2,019.0464
Natural Gas Mitigated	0.0776	0.7057	0.5928	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	768.1871	768.1871	0.0147	0.0141	772.7520
Natural Gas Unmitigated	0.0841	0.7645	0.6422	4.5900e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.2523	832.2523	0.0160	0.0153	837.1979

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	102900	5.5000e-004	5.0400e-003	4.2400e-003	3.0000e-005		3.8000e-004	3.8000e-004		3.8000e-004	3.8000e-004	0.0000	5.4911	5.4911	1.1000e-004	1.0000e-004	5.5238
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	1.29325e+007	0.0697	0.6340	0.5325	3.8000e-003		0.0482	0.0482		0.0482	0.0482	0.0000	690.1275	690.1275	0.0132	0.0127	694.2285
Unrefrigerated Warehouse-Rail	2.56042e+006	0.0138	0.1255	0.1054	7.5000e-004		9.5400e-003	9.5400e-003		9.5400e-003	9.5400e-003	0.0000	136.6337	136.6337	2.6200e-003	2.5000e-003	137.4456
Total		0.0841	0.7645	0.6422	4.5800e-003		0.0581	0.0581		0.0581	0.0581	0.0000	832.2523	832.2523	0.0160	0.0153	837.1979

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
General Office Building	66885	3.6000e-004	3.2800e-003	2.7500e-003	2.0000e-005		2.5000e-004	2.5000e-004		2.5000e-004	2.5000e-004	0.0000	3.5692	3.5692	7.0000e-005	7.0000e-005	3.5905
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	1.26508e+007	0.0682	0.6201	0.5209	3.7200e-003		0.0471	0.0471		0.0471	0.0471	0.0000	675.0922	675.0922	0.0129	0.0124	679.1039
Unrefrigerated Warehouse-Rail	1.67765e+006	9.0500e-003	0.0822	0.0691	4.9000e-004		6.2500e-003	6.2500e-003		6.2500e-003	6.2500e-003	0.0000	89.5257	89.5257	1.7200e-003	1.6400e-003	90.0577
Total		0.0776	0.7057	0.5927	4.2300e-003		0.0536	0.0536		0.0536	0.0536	0.0000	768.1871	768.1871	0.0147	0.0141	772.7520

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	275700	40.6430	0.0000	0.0000	40.6430
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	505100	74.4606	0.0000	0.0000	74.4606
Refrigerated Warehouse-Rail	9.96e+006	1,468.2785	0.0000	0.0000	1,468.2785
Unrefrigerated Warehouse-Rail	2.95531e+006	435.6643	0.0000	0.0000	435.6643
Total		2,019.0464	0.0000	0.0000	2,019.0464

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
General Office Building	208500	30.7366	0.0000	0.0000	30.7366
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	328315	48.3994	0.0000	0.0000	48.3994
Refrigerated Warehouse-Rail	9.6695e+006	1,425.4537	0.0000	0.0000	1,425.4537
Unrefrigerated Warehouse-Rail	2.28654e+006	337.0765	0.0000	0.0000	337.0765
Total		1,841.6661	0.0000	0.0000	1,841.6661

6.0 Area Detail

6.1 Mitigation Measures Area

Use Electric Lawnmower

Use Electric Leafblower

Use Electric Chainsaw

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Unmitigated	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7510					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	1.8800e-003	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424
Total	6.5109	1.9000e-004	0.0204	0.0000		7.0000e-005	7.0000e-005		7.0000e-005	7.0000e-005	0.0000	0.0398	0.0398	1.0000e-004	0.0000	0.0424

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.7510					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	5.7580					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	8.0000e-004	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226
Total	6.5099	1.0000e-004	0.0119	0.0000		3.0000e-005	3.0000e-005		3.0000e-005	3.0000e-005	0.0000	0.0215	0.0215	4.0000e-005	0.0000	0.0226

7.0 Water Detail

7.1 Mitigation Measures Water

- Install Low Flow Bathroom Faucet
- Install Low Flow Kitchen Faucet
- Install Low Flow Toilet
- Install Low Flow Shower
- Use Water Efficient Irrigation System

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	645.1379	9.3251	0.2202	943.8792
Unmitigated	805.4924	11.6563	0.2752	1,178.9190

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	5.33201 / 3.26801	17.2789	0.1737	4.1000e-003	22.8450
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	57.8125 / 0	129.3137	1.8838	0.0445	189.6646
Unrefrigerated Warehouse-Rail	294.575 / 0	658.8998	9.5988	0.2267	966.4094
Total		805.4924	11.6563	0.2752	1,178.9190

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
General Office Building	4.26561 / 3.06866	14.5671	0.1390	3.2800e-003	19.0200
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	46.25 / 0	103.4510	1.5071	0.0356	151.7317
Unrefrigerated Warehouse-Rail	235.66 / 0	527.1199	7.6790	0.1813	773.1275
Total		645.1379	9.3251	0.2202	943.8792

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	74.1074	4.3796	0.0000	183.5980
Unmitigated	296.4297	17.5185	0.0000	734.3921

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	27.9	5.6635	0.3347	0.0000	14.0310
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	235	47.7029	2.8192	0.0000	118.1819
Unrefrigerated Warehouse-Rail	1197.41	243.0634	14.3646	0.0000	602.1793
Total		296.4297	17.5185	0.0000	734.3921

Speedway Commerce Center (Phase 2 Trucks) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
General Office Building	6.975	1.4159	0.0837	0.0000	3.5077
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Refrigerated Warehouse-Rail	58.75	11.9257	0.7048	0.0000	29.5455
Unrefrigerated Warehouse-Rail	299.353	60.7659	3.5912	0.0000	150.5448
Total		74.1074	4.3796	0.0000	183.5980

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
----------------	--------	-----------	-----------	-------------	-------------	-----------

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

User Defined Equipment

Equipment Type	Number
----------------	--------

11.0 Vegetation

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Speedway Commerce Center (General Commercial)

San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Parking Lot	6.00	Acre	6.00	261,360.00	0
Strip Mall	261.36	1000sqft	6.00	261,360.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2027
Utility Company	Southern California Edison				
CO2 Intensity (lb/MWhr)	316	CH4 Intensity (lb/MWhr)	0	N2O Intensity (lb/MWhr)	0

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Updated with EMFAC 2021 which already includes SAFE rules adjustments

CO2 factor adjusted per RPS

Land Use -

Construction Phase - per construction schedule

Off-road Equipment - Anticipated equipment

Off-road Equipment - Per construction equipment list

Off-road Equipment - Per Construction equipment list

Trips and VMT - anticipated concrete truck trips

Demolition -

Grading -

Vehicle Trips - Commercial Trip gen

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Vehicle Emission Factors - EMFAC 2021

Road Dust - adjusted per CARB guidance for Riverside and SB counties

Consumer Products -

Construction Off-road Equipment Mitigation - SCAQMD rule compliance

Mobile Commute Mitigation -

Energy Mitigation -

Water Mitigation -

Waste Mitigation -

Fleet Mix -

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	6
tblConstDustMitigation	WaterUnpavedRoadMoistureContent	0	12
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	3.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	5.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	20.00	21.00
tblConstructionPhase	NumDays	300.00	140.00
tblConstructionPhase	NumDays	20.00	40.00
tblProjectCharacteristics	CH4IntensityFactor	0.033	0
tblProjectCharacteristics	CO2IntensityFactor	390.98	316
tblProjectCharacteristics	N2OIntensityFactor	0.004	0
tblRoadDust	RoadSiltLoading	0.1	0.08
tblVehicleEF	HHD	0.03	0.21
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	2.9796e-008
tblVehicleEF	HHD	8.61	5.22
tblVehicleEF	HHD	0.33	0.73
tblVehicleEF	HHD	2.1130e-003	8.1098e-004
tblVehicleEF	HHD	1,323.59	777.20
tblVehicleEF	HHD	1,202.89	1,469.62
tblVehicleEF	HHD	0.02	8.7014e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.24
tblVehicleEF	HHD	3.0000e-006	1.8927e-006
tblVehicleEF	HHD	7.01	3.88
tblVehicleEF	HHD	2.08	1.53
tblVehicleEF	HHD	2.33	2.64
tblVehicleEF	HHD	2.8030e-003	1.8946e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	1.8067e-007
tblVehicleEF	HHD	2.6810e-003	1.8077e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9120e-003	8.8076e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.6612e-007
tblVehicleEF	HHD	1.0000e-006	6.1655e-005
tblVehicleEF	HHD	3.8000e-005	1.6831e-005
tblVehicleEF	HHD	0.58	0.31
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.5000e-005	1.8039e-005
tblVehicleEF	HHD	1.0000e-006	1.5331e-007
tblVehicleEF	HHD	0.01	6.5914e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	8.6023e-008
tblVehicleEF	HHD	1.0000e-006	6.1655e-005
tblVehicleEF	HHD	3.8000e-005	1.6831e-005
tblVehicleEF	HHD	0.66	0.55

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	1.5000e-005	1.8039e-005
tblVehicleEF	HHD	1.0000e-006	1.6785e-007
tblVehicleEF	HHD	0.03	0.21
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	2.8427e-008
tblVehicleEF	HHD	8.50	5.16
tblVehicleEF	HHD	0.33	0.73
tblVehicleEF	HHD	1.9780e-003	7.6565e-004
tblVehicleEF	HHD	1,306.93	769.00
tblVehicleEF	HHD	1,202.89	1,469.62
tblVehicleEF	HHD	0.02	8.6295e-003
tblVehicleEF	HHD	0.21	0.12
tblVehicleEF	HHD	0.19	0.24
tblVehicleEF	HHD	2.0000e-006	1.8434e-006
tblVehicleEF	HHD	6.67	3.71
tblVehicleEF	HHD	1.96	1.45
tblVehicleEF	HHD	2.33	2.64
tblVehicleEF	HHD	2.4760e-003	1.6773e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	1.8067e-007
tblVehicleEF	HHD	2.3690e-003	1.5999e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9120e-003	8.8076e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.6612e-007

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tblVehicleEF	HHD	3.0000e-006	9.1508e-005
tblVehicleEF	HHD	4.4000e-005	1.8585e-005
tblVehicleEF	HHD	0.61	0.33
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.6000e-005	1.9289e-005
tblVehicleEF	HHD	1.0000e-006	1.4669e-007
tblVehicleEF	HHD	0.01	6.5138e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	8.5311e-008
tblVehicleEF	HHD	3.0000e-006	9.1508e-005
tblVehicleEF	HHD	4.4000e-005	1.8585e-005
tblVehicleEF	HHD	0.70	0.57
tblVehicleEF	HHD	2.0000e-006	0.00
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	1.6000e-005	1.9289e-005
tblVehicleEF	HHD	1.0000e-006	1.6061e-007
tblVehicleEF	HHD	0.03	0.21
tblVehicleEF	HHD	0.05	0.13
tblVehicleEF	HHD	0.00	2.9626e-008
tblVehicleEF	HHD	8.77	5.31
tblVehicleEF	HHD	0.33	0.73
tblVehicleEF	HHD	2.0820e-003	8.0463e-004
tblVehicleEF	HHD	1,346.60	788.52
tblVehicleEF	HHD	1,202.89	1,469.62
tblVehicleEF	HHD	0.02	8.6914e-003
tblVehicleEF	HHD	0.21	0.13
tblVehicleEF	HHD	0.19	0.24
tblVehicleEF	HHD	3.0000e-006	1.8803e-006

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tblVehicleEF	HHD	7.48	4.12
tblVehicleEF	HHD	2.05	1.51
tblVehicleEF	HHD	2.33	2.64
tblVehicleEF	HHD	3.2540e-003	2.1946e-003
tblVehicleEF	HHD	0.06	0.08
tblVehicleEF	HHD	0.04	0.04
tblVehicleEF	HHD	0.03	0.02
tblVehicleEF	HHD	0.00	1.8067e-007
tblVehicleEF	HHD	3.1130e-003	2.0948e-003
tblVehicleEF	HHD	0.03	0.03
tblVehicleEF	HHD	8.9120e-003	8.8076e-003
tblVehicleEF	HHD	0.02	0.02
tblVehicleEF	HHD	0.00	1.6612e-007
tblVehicleEF	HHD	1.0000e-006	6.1140e-005
tblVehicleEF	HHD	4.4000e-005	1.6669e-005
tblVehicleEF	HHD	0.53	0.29
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.02	0.01
tblVehicleEF	HHD	1.6000e-005	1.8910e-005
tblVehicleEF	HHD	1.0000e-006	1.5245e-007
tblVehicleEF	HHD	0.01	6.6986e-003
tblVehicleEF	HHD	0.01	0.01
tblVehicleEF	HHD	0.00	8.5923e-008
tblVehicleEF	HHD	1.0000e-006	6.1140e-005
tblVehicleEF	HHD	4.4000e-005	1.6669e-005
tblVehicleEF	HHD	0.61	0.53
tblVehicleEF	HHD	1.0000e-006	0.00
tblVehicleEF	HHD	0.07	0.14
tblVehicleEF	HHD	1.6000e-005	1.8910e-005

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tblVehicleEF	HHD	1.0000e-006	1.6692e-007
tblVehicleEF	LDA	1.3900e-003	1.6674e-003
tblVehicleEF	LDA	0.04	0.05
tblVehicleEF	LDA	0.48	0.60
tblVehicleEF	LDA	1.79	2.33
tblVehicleEF	LDA	224.28	248.12
tblVehicleEF	LDA	46.00	61.78
tblVehicleEF	LDA	3.6010e-003	3.6834e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.14	0.20
tblVehicleEF	LDA	0.04	7.1486e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.1480e-003	1.0772e-003
tblVehicleEF	LDA	1.5110e-003	1.7997e-003
tblVehicleEF	LDA	0.02	2.5020e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.0570e-003	9.9093e-004
tblVehicleEF	LDA	1.3890e-003	1.6548e-003
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	4.8540e-003	5.8776e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.15	0.23
tblVehicleEF	LDA	2.2190e-003	2.4528e-003
tblVehicleEF	LDA	4.5500e-004	6.1075e-004
tblVehicleEF	LDA	0.04	0.29
tblVehicleEF	LDA	0.08	0.08

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tblVehicleEF	LDA	0.04	0.00
tblVehicleEF	LDA	7.0570e-003	8.5687e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.25
tblVehicleEF	LDA	1.5960e-003	1.7737e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.59	0.81
tblVehicleEF	LDA	1.49	1.97
tblVehicleEF	LDA	244.81	269.13
tblVehicleEF	LDA	45.45	61.09
tblVehicleEF	LDA	3.3770e-003	3.2740e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.19
tblVehicleEF	LDA	0.04	7.1486e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.1480e-003	1.0772e-003
tblVehicleEF	LDA	1.5110e-003	1.7997e-003
tblVehicleEF	LDA	0.02	2.5020e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.0570e-003	9.9093e-004
tblVehicleEF	LDA	1.3890e-003	1.6548e-003
tblVehicleEF	LDA	0.09	0.37
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	5.5020e-003	6.1687e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.12	0.20
tblVehicleEF	LDA	2.4220e-003	2.6605e-003

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tblVehicleEF	LDA	4.5000e-004	6.0389e-004
tblVehicleEF	LDA	0.09	0.37
tblVehicleEF	LDA	0.09	0.08
tblVehicleEF	LDA	0.08	0.00
tblVehicleEF	LDA	8.0020e-003	8.9934e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.13	0.22
tblVehicleEF	LDA	1.3560e-003	1.6538e-003
tblVehicleEF	LDA	0.03	0.05
tblVehicleEF	LDA	0.46	0.56
tblVehicleEF	LDA	1.76	2.34
tblVehicleEF	LDA	219.46	244.26
tblVehicleEF	LDA	45.94	61.79
tblVehicleEF	LDA	3.4550e-003	3.5874e-003
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.02	0.03
tblVehicleEF	LDA	0.14	0.20
tblVehicleEF	LDA	0.04	7.1486e-003
tblVehicleEF	LDA	8.0000e-003	8.0000e-003
tblVehicleEF	LDA	1.1480e-003	1.0772e-003
tblVehicleEF	LDA	1.5110e-003	1.7997e-003
tblVehicleEF	LDA	0.02	2.5020e-003
tblVehicleEF	LDA	2.0000e-003	2.0000e-003
tblVehicleEF	LDA	1.0570e-003	9.9093e-004
tblVehicleEF	LDA	1.3890e-003	1.6548e-003
tblVehicleEF	LDA	0.04	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	4.7320e-003	5.8318e-003

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tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.14	0.23
tblVehicleEF	LDA	2.1710e-003	2.4146e-003
tblVehicleEF	LDA	4.5500e-004	6.1085e-004
tblVehicleEF	LDA	0.04	0.30
tblVehicleEF	LDA	0.08	0.08
tblVehicleEF	LDA	0.03	0.00
tblVehicleEF	LDA	6.8790e-003	8.5019e-003
tblVehicleEF	LDA	0.02	0.02
tblVehicleEF	LDA	0.16	0.26
tblVehicleEF	LDT1	3.4690e-003	6.5426e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.84	1.51
tblVehicleEF	LDT1	1.97	5.08
tblVehicleEF	LDT1	268.24	322.34
tblVehicleEF	LDT1	56.28	84.11
tblVehicleEF	LDT1	5.6100e-003	9.7572e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	0.20	0.39
tblVehicleEF	LDT1	0.04	8.8643e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.8077e-003
tblVehicleEF	LDT1	1.9890e-003	2.9125e-003
tblVehicleEF	LDT1	0.02	3.1025e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.3630e-003	1.6625e-003
tblVehicleEF	LDT1	1.8290e-003	2.6779e-003
tblVehicleEF	LDT1	0.12	0.80

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tblVehicleEF	LDT1	0.17	0.20
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.25	0.53
tblVehicleEF	LDT1	2.6540e-003	3.1867e-003
tblVehicleEF	LDT1	5.5700e-004	8.3151e-004
tblVehicleEF	LDT1	0.12	0.80
tblVehicleEF	LDT1	0.17	0.20
tblVehicleEF	LDT1	0.09	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.28	0.58
tblVehicleEF	LDT1	3.9450e-003	6.9405e-003
tblVehicleEF	LDT1	0.04	0.09
tblVehicleEF	LDT1	1.02	2.03
tblVehicleEF	LDT1	1.64	4.23
tblVehicleEF	LDT1	289.61	347.15
tblVehicleEF	LDT1	55.62	82.51
tblVehicleEF	LDT1	5.2100e-003	8.6910e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.11
tblVehicleEF	LDT1	0.19	0.36
tblVehicleEF	LDT1	0.04	8.8643e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.8077e-003
tblVehicleEF	LDT1	1.9890e-003	2.9125e-003
tblVehicleEF	LDT1	0.02	3.1025e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003

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tblVehicleEF	LDT1	1.3630e-003	1.6625e-003
tblVehicleEF	LDT1	1.8290e-003	2.6779e-003
tblVehicleEF	LDT1	0.25	1.03
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	0.02	0.03
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.21	0.46
tblVehicleEF	LDT1	2.8660e-003	3.4319e-003
tblVehicleEF	LDT1	5.5000e-004	8.1571e-004
tblVehicleEF	LDT1	0.25	1.03
tblVehicleEF	LDT1	0.21	0.21
tblVehicleEF	LDT1	0.19	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.08	0.07
tblVehicleEF	LDT1	0.23	0.50
tblVehicleEF	LDT1	3.3910e-003	6.4887e-003
tblVehicleEF	LDT1	0.05	0.10
tblVehicleEF	LDT1	0.80	1.42
tblVehicleEF	LDT1	1.94	5.09
tblVehicleEF	LDT1	263.18	317.78
tblVehicleEF	LDT1	56.22	84.14
tblVehicleEF	LDT1	5.3730e-003	9.5105e-003
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.06	0.13
tblVehicleEF	LDT1	0.20	0.38
tblVehicleEF	LDT1	0.04	8.8643e-003
tblVehicleEF	LDT1	8.0000e-003	8.0000e-003
tblVehicleEF	LDT1	1.4820e-003	1.8077e-003

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tblVehicleEF	LDT1	1.9890e-003	2.9125e-003
tblVehicleEF	LDT1	0.02	3.1025e-003
tblVehicleEF	LDT1	2.0000e-003	2.0000e-003
tblVehicleEF	LDT1	1.3630e-003	1.6625e-003
tblVehicleEF	LDT1	1.8290e-003	2.6779e-003
tblVehicleEF	LDT1	0.13	0.79
tblVehicleEF	LDT1	0.20	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.01	0.03
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.25	0.54
tblVehicleEF	LDT1	2.6040e-003	3.1416e-003
tblVehicleEF	LDT1	5.5600e-004	8.3180e-004
tblVehicleEF	LDT1	0.13	0.79
tblVehicleEF	LDT1	0.20	0.19
tblVehicleEF	LDT1	0.08	0.00
tblVehicleEF	LDT1	0.02	0.04
tblVehicleEF	LDT1	0.09	0.07
tblVehicleEF	LDT1	0.27	0.59
tblVehicleEF	LDT2	2.5150e-003	2.3492e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.68	0.75
tblVehicleEF	LDT2	2.32	2.88
tblVehicleEF	LDT2	277.09	324.25
tblVehicleEF	LDT2	58.39	80.67
tblVehicleEF	LDT2	4.9690e-003	5.1104e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.27

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tblVehicleEF	LDT2	0.04	8.4121e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.2400e-003	1.1459e-003
tblVehicleEF	LDT2	1.5990e-003	1.8585e-003
tblVehicleEF	LDT2	0.02	2.9443e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.1410e-003	1.0541e-003
tblVehicleEF	LDT2	1.4700e-003	1.7088e-003
tblVehicleEF	LDT2	0.08	0.31
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	9.8570e-003	8.8018e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.23	0.29
tblVehicleEF	LDT2	2.7410e-003	3.2051e-003
tblVehicleEF	LDT2	5.7800e-004	7.9746e-004
tblVehicleEF	LDT2	0.08	0.31
tblVehicleEF	LDT2	0.11	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LDT2	2.8760e-003	2.4975e-003
tblVehicleEF	LDT2	0.04	0.06
tblVehicleEF	LDT2	0.83	1.01
tblVehicleEF	LDT2	1.93	2.42
tblVehicleEF	LDT2	297.09	346.54
tblVehicleEF	LDT2	57.65	79.79
tblVehicleEF	LDT2	4.6430e-003	4.5548e-003

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tblVehicleEF	LDT2	0.02	0.03
tblVehicleEF	LDT2	0.04	0.04
tblVehicleEF	LDT2	0.19	0.25
tblVehicleEF	LDT2	0.04	8.4121e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.2400e-003	1.1459e-003
tblVehicleEF	LDT2	1.5990e-003	1.8585e-003
tblVehicleEF	LDT2	0.02	2.9443e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.1410e-003	1.0541e-003
tblVehicleEF	LDT2	1.4700e-003	1.7088e-003
tblVehicleEF	LDT2	0.17	0.39
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LDT2	0.01	9.2386e-003
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.19	0.25
tblVehicleEF	LDT2	2.9390e-003	3.4255e-003
tblVehicleEF	LDT2	5.7000e-004	7.8884e-004
tblVehicleEF	LDT2	0.17	0.39
tblVehicleEF	LDT2	0.13	0.08
tblVehicleEF	LDT2	0.14	0.00
tblVehicleEF	LDT2	0.02	0.01
tblVehicleEF	LDT2	0.05	0.02
tblVehicleEF	LDT2	0.21	0.28
tblVehicleEF	LDT2	2.4560e-003	2.3300e-003
tblVehicleEF	LDT2	0.05	0.07
tblVehicleEF	LDT2	0.65	0.70
tblVehicleEF	LDT2	2.28	2.89

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tblVehicleEF	LDT2	272.36	320.15
tblVehicleEF	LDT2	58.33	80.68
tblVehicleEF	LDT2	4.7660e-003	4.9804e-003
tblVehicleEF	LDT2	0.03	0.03
tblVehicleEF	LDT2	0.05	0.05
tblVehicleEF	LDT2	0.20	0.27
tblVehicleEF	LDT2	0.04	8.4121e-003
tblVehicleEF	LDT2	8.0000e-003	8.0000e-003
tblVehicleEF	LDT2	1.2400e-003	1.1459e-003
tblVehicleEF	LDT2	1.5990e-003	1.8585e-003
tblVehicleEF	LDT2	0.02	2.9443e-003
tblVehicleEF	LDT2	2.0000e-003	2.0000e-003
tblVehicleEF	LDT2	1.1410e-003	1.0541e-003
tblVehicleEF	LDT2	1.4700e-003	1.7088e-003
tblVehicleEF	LDT2	0.08	0.31
tblVehicleEF	LDT2	0.12	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	9.6140e-003	8.7328e-003
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.23	0.30
tblVehicleEF	LDT2	2.6940e-003	3.1646e-003
tblVehicleEF	LDT2	5.7700e-004	7.9762e-004
tblVehicleEF	LDT2	0.08	0.31
tblVehicleEF	LDT2	0.12	0.07
tblVehicleEF	LDT2	0.07	0.00
tblVehicleEF	LDT2	0.01	0.01
tblVehicleEF	LDT2	0.06	0.02
tblVehicleEF	LDT2	0.25	0.32
tblVehicleEF	LHD1	4.2800e-003	4.7227e-003

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tblVehicleEF	LHD1	3.9360e-003	2.1584e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.54
tblVehicleEF	LHD1	0.90	1.93
tblVehicleEF	LHD1	8.91	8.59
tblVehicleEF	LHD1	601.72	333.90
tblVehicleEF	LHD1	9.87	15.91
tblVehicleEF	LHD1	8.4700e-004	7.0557e-004
tblVehicleEF	LHD1	0.04	4.2136e-003
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.89	0.07
tblVehicleEF	LHD1	0.25	0.36
tblVehicleEF	LHD1	9.9500e-004	7.8212e-004
tblVehicleEF	LHD1	0.08	0.05
tblVehicleEF	LHD1	0.01	4.8402e-003
tblVehicleEF	LHD1	8.2460e-003	6.6984e-004
tblVehicleEF	LHD1	2.1900e-004	1.7931e-004
tblVehicleEF	LHD1	9.5200e-004	7.4829e-004
tblVehicleEF	LHD1	0.03	0.02
tblVehicleEF	LHD1	2.5060e-003	1.2101e-003
tblVehicleEF	LHD1	7.8670e-003	6.1589e-004
tblVehicleEF	LHD1	2.0100e-004	1.6487e-004
tblVehicleEF	LHD1	2.4490e-003	0.12
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2450e-003	0.00
tblVehicleEF	LHD1	0.05	0.01

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tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.6000e-005	8.3418e-005
tblVehicleEF	LHD1	5.8540e-003	3.3009e-003
tblVehicleEF	LHD1	9.8000e-005	1.5732e-004
tblVehicleEF	LHD1	2.4490e-003	0.12
tblVehicleEF	LHD1	0.07	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2450e-003	0.00
tblVehicleEF	LHD1	0.06	0.02
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	4.2940e-003	4.7401e-003
tblVehicleEF	LHD1	4.0050e-003	1.6361e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18
tblVehicleEF	LHD1	0.53	0.10
tblVehicleEF	LHD1	0.84	1.83
tblVehicleEF	LHD1	8.91	8.59
tblVehicleEF	LHD1	601.74	191.65
tblVehicleEF	LHD1	9.77	15.75
tblVehicleEF	LHD1	8.4900e-004	7.0770e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.84	0.48
tblVehicleEF	LHD1	0.24	0.35
tblVehicleEF	LHD1	9.9500e-004	7.8212e-004
tblVehicleEF	LHD1	0.08	0.03

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tblVehicleEF	LHD1	0.01	4.9678e-003
tblVehicleEF	LHD1	8.2460e-003	8.9102e-003
tblVehicleEF	LHD1	2.1900e-004	1.7931e-004
tblVehicleEF	LHD1	9.5200e-004	7.4829e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5060e-003	1.2420e-003
tblVehicleEF	LHD1	7.8670e-003	8.5247e-003
tblVehicleEF	LHD1	2.0100e-004	1.6487e-004
tblVehicleEF	LHD1	4.8040e-003	0.15
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	2.7680e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.05	0.09
tblVehicleEF	LHD1	8.6000e-005	8.3418e-005
tblVehicleEF	LHD1	5.8540e-003	1.8160e-003
tblVehicleEF	LHD1	9.7000e-005	1.5567e-004
tblVehicleEF	LHD1	4.8040e-003	0.15
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	2.7680e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.21	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD1	4.2830e-003	4.7246e-003
tblVehicleEF	LHD1	3.9450e-003	1.6361e-003
tblVehicleEF	LHD1	0.01	0.02
tblVehicleEF	LHD1	0.17	0.18

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tblVehicleEF	LHD1	0.53	0.10
tblVehicleEF	LHD1	0.89	1.92
tblVehicleEF	LHD1	8.91	8.59
tblVehicleEF	LHD1	601.73	191.65
tblVehicleEF	LHD1	9.85	15.90
tblVehicleEF	LHD1	8.4700e-004	7.0619e-004
tblVehicleEF	LHD1	0.04	0.03
tblVehicleEF	LHD1	0.02	0.03
tblVehicleEF	LHD1	0.07	0.05
tblVehicleEF	LHD1	0.88	0.50
tblVehicleEF	LHD1	0.25	0.36
tblVehicleEF	LHD1	9.9500e-004	7.8212e-004
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.01	4.9678e-003
tblVehicleEF	LHD1	8.2460e-003	8.9102e-003
tblVehicleEF	LHD1	2.1900e-004	1.7931e-004
tblVehicleEF	LHD1	9.5200e-004	7.4829e-004
tblVehicleEF	LHD1	0.03	0.01
tblVehicleEF	LHD1	2.5060e-003	1.2420e-003
tblVehicleEF	LHD1	7.8670e-003	8.5247e-003
tblVehicleEF	LHD1	2.0100e-004	1.6487e-004
tblVehicleEF	LHD1	2.6260e-003	0.12
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.02	0.02
tblVehicleEF	LHD1	1.2230e-003	0.00
tblVehicleEF	LHD1	0.05	0.04
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.06	0.09
tblVehicleEF	LHD1	8.6000e-005	8.3418e-005

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tblVehicleEF	LHD1	5.8540e-003	1.8160e-003
tblVehicleEF	LHD1	9.7000e-005	1.5714e-004
tblVehicleEF	LHD1	2.6260e-003	0.12
tblVehicleEF	LHD1	0.08	0.03
tblVehicleEF	LHD1	0.03	0.03
tblVehicleEF	LHD1	1.2230e-003	0.00
tblVehicleEF	LHD1	0.06	0.04
tblVehicleEF	LHD1	0.22	0.06
tblVehicleEF	LHD1	0.06	0.10
tblVehicleEF	LHD2	2.8650e-003	3.1170e-003
tblVehicleEF	LHD2	2.8500e-003	7.1897e-004
tblVehicleEF	LHD2	6.7890e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.36	0.22
tblVehicleEF	LHD2	0.51	1.13
tblVehicleEF	LHD2	13.94	13.40
tblVehicleEF	LHD2	602.00	217.60
tblVehicleEF	LHD2	6.93	9.65
tblVehicleEF	LHD2	1.7840e-003	1.6296e-003
tblVehicleEF	LHD2	0.06	2.4229e-003
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.98	0.04
tblVehicleEF	LHD2	0.16	0.23
tblVehicleEF	LHD2	1.4650e-003	1.3186e-003
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.01	2.8192e-003
tblVehicleEF	LHD2	0.01	3.2433e-004
tblVehicleEF	LHD2	1.0600e-004	8.0781e-005

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tblVehicleEF	LHD2	1.4010e-003	1.2615e-003
tblVehicleEF	LHD2	0.04	0.01
tblVehicleEF	LHD2	2.7080e-003	7.0481e-004
tblVehicleEF	LHD2	0.01	2.9821e-004
tblVehicleEF	LHD2	9.7000e-005	7.4275e-005
tblVehicleEF	LHD2	1.1920e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.6700e-004	0.00
tblVehicleEF	LHD2	0.05	3.1683e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3300e-004	1.2843e-004
tblVehicleEF	LHD2	5.8040e-003	2.1512e-003
tblVehicleEF	LHD2	6.9000e-005	9.5433e-005
tblVehicleEF	LHD2	1.1920e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.6700e-004	0.00
tblVehicleEF	LHD2	0.05	4.6231e-003
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	LHD2	2.8730e-003	3.1283e-003
tblVehicleEF	LHD2	2.8730e-003	2.5063e-003
tblVehicleEF	LHD2	6.4850e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.36	0.14
tblVehicleEF	LHD2	0.48	1.08
tblVehicleEF	LHD2	13.94	13.40

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tblVehicleEF	LHD2	602.00	372.57
tblVehicleEF	LHD2	6.87	9.56
tblVehicleEF	LHD2	1.7850e-003	1.6310e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.92	0.63
tblVehicleEF	LHD2	0.15	0.22
tblVehicleEF	LHD2	1.4650e-003	1.3186e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9782e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0600e-004	8.0781e-005
tblVehicleEF	LHD2	1.4010e-003	1.2615e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7080e-003	1.9945e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7000e-005	7.4275e-005
tblVehicleEF	LHD2	2.2900e-003	0.09
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	1.4170e-003	0.00
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.05
tblVehicleEF	LHD2	1.3300e-004	1.2843e-004
tblVehicleEF	LHD2	5.8040e-003	3.5303e-003
tblVehicleEF	LHD2	6.8000e-005	9.4469e-005
tblVehicleEF	LHD2	2.2900e-003	0.09

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tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	1.4170e-003	0.00
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.08	0.03
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	2.8660e-003	3.1182e-003
tblVehicleEF	LHD2	2.8530e-003	2.5063e-003
tblVehicleEF	LHD2	6.7330e-003	0.01
tblVehicleEF	LHD2	0.13	0.14
tblVehicleEF	LHD2	0.36	0.14
tblVehicleEF	LHD2	0.50	1.13
tblVehicleEF	LHD2	13.94	13.40
tblVehicleEF	LHD2	602.00	372.57
tblVehicleEF	LHD2	6.92	9.64
tblVehicleEF	LHD2	1.7840e-003	1.6300e-003
tblVehicleEF	LHD2	0.06	0.06
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	0.10	0.09
tblVehicleEF	LHD2	0.96	0.65
tblVehicleEF	LHD2	0.16	0.23
tblVehicleEF	LHD2	1.4650e-003	1.3186e-003
tblVehicleEF	LHD2	0.09	0.06
tblVehicleEF	LHD2	0.01	7.9782e-003
tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	1.0600e-004	8.0781e-005
tblVehicleEF	LHD2	1.4010e-003	1.2615e-003
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	2.7080e-003	1.9945e-003

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tblVehicleEF	LHD2	0.01	0.01
tblVehicleEF	LHD2	9.7000e-005	7.4275e-005
tblVehicleEF	LHD2	1.1870e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.01	0.02
tblVehicleEF	LHD2	6.4700e-004	0.00
tblVehicleEF	LHD2	0.05	0.05
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.03	0.06
tblVehicleEF	LHD2	1.3300e-004	1.2843e-004
tblVehicleEF	LHD2	5.8040e-003	3.5303e-003
tblVehicleEF	LHD2	6.8000e-005	9.5336e-005
tblVehicleEF	LHD2	1.1870e-003	0.08
tblVehicleEF	LHD2	0.04	0.02
tblVehicleEF	LHD2	0.02	0.02
tblVehicleEF	LHD2	6.4700e-004	0.00
tblVehicleEF	LHD2	0.05	0.06
tblVehicleEF	LHD2	0.09	0.03
tblVehicleEF	LHD2	0.04	0.06
tblVehicleEF	MCY	0.32	0.54
tblVehicleEF	MCY	0.25	0.16
tblVehicleEF	MCY	19.12	0.54
tblVehicleEF	MCY	8.89	7.60
tblVehicleEF	MCY	210.77	0.54
tblVehicleEF	MCY	60.04	45.89
tblVehicleEF	MCY	0.07	0.54
tblVehicleEF	MCY	0.02	7.3016e-003
tblVehicleEF	MCY	1.15	0.54
tblVehicleEF	MCY	0.27	0.12

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tblVehicleEF	MCY	0.01	0.54
tblVehicleEF	MCY	4.0000e-003	0.54
tblVehicleEF	MCY	1.9870e-003	0.54
tblVehicleEF	MCY	2.7730e-003	3.2766e-003
tblVehicleEF	MCY	5.0400e-003	0.54
tblVehicleEF	MCY	1.0000e-003	0.54
tblVehicleEF	MCY	1.8550e-003	0.54
tblVehicleEF	MCY	2.6010e-003	3.0723e-003
tblVehicleEF	MCY	1.44	2.51
tblVehicleEF	MCY	0.80	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.16	0.54
tblVehicleEF	MCY	0.37	0.54
tblVehicleEF	MCY	1.85	1.20
tblVehicleEF	MCY	2.0860e-003	0.54
tblVehicleEF	MCY	5.9400e-004	4.5370e-004
tblVehicleEF	MCY	1.44	2.51
tblVehicleEF	MCY	0.80	3.59
tblVehicleEF	MCY	0.78	0.00
tblVehicleEF	MCY	2.69	0.54
tblVehicleEF	MCY	0.37	0.54
tblVehicleEF	MCY	2.02	1.31
tblVehicleEF	MCY	0.32	0.47
tblVehicleEF	MCY	0.21	0.15
tblVehicleEF	MCY	19.26	0.47
tblVehicleEF	MCY	7.98	6.82
tblVehicleEF	MCY	210.83	0.47
tblVehicleEF	MCY	57.74	44.18
tblVehicleEF	MCY	0.06	0.47

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tblVehicleEF	MCY	0.01	7.1660e-003
tblVehicleEF	MCY	0.98	0.47
tblVehicleEF	MCY	0.25	0.11
tblVehicleEF	MCY	0.01	0.47
tblVehicleEF	MCY	4.0000e-003	0.47
tblVehicleEF	MCY	1.9870e-003	0.47
tblVehicleEF	MCY	2.7730e-003	3.2766e-003
tblVehicleEF	MCY	5.0400e-003	0.47
tblVehicleEF	MCY	1.0000e-003	0.47
tblVehicleEF	MCY	1.8550e-003	0.47
tblVehicleEF	MCY	2.6010e-003	3.0723e-003
tblVehicleEF	MCY	3.12	3.70
tblVehicleEF	MCY	1.25	3.76
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.12	0.47
tblVehicleEF	MCY	0.37	0.47
tblVehicleEF	MCY	1.60	1.06
tblVehicleEF	MCY	2.0860e-003	0.47
tblVehicleEF	MCY	5.7100e-004	4.3681e-004
tblVehicleEF	MCY	3.12	3.70
tblVehicleEF	MCY	1.25	3.76
tblVehicleEF	MCY	2.06	0.00
tblVehicleEF	MCY	2.63	0.47
tblVehicleEF	MCY	0.37	0.47
tblVehicleEF	MCY	1.74	1.16
tblVehicleEF	MCY	0.32	0.53
tblVehicleEF	MCY	0.24	0.16
tblVehicleEF	MCY	18.31	0.53
tblVehicleEF	MCY	8.55	7.50

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tblVehicleEF	MCY	209.37	0.53
tblVehicleEF	MCY	59.29	45.68
tblVehicleEF	MCY	0.06	0.53
tblVehicleEF	MCY	0.02	7.3079e-003
tblVehicleEF	MCY	1.11	0.53
tblVehicleEF	MCY	0.26	0.12
tblVehicleEF	MCY	0.01	0.53
tblVehicleEF	MCY	4.0000e-003	0.53
tblVehicleEF	MCY	1.9870e-003	0.53
tblVehicleEF	MCY	2.7730e-003	3.2766e-003
tblVehicleEF	MCY	5.0400e-003	0.53
tblVehicleEF	MCY	1.0000e-003	0.53
tblVehicleEF	MCY	1.8550e-003	0.53
tblVehicleEF	MCY	2.6010e-003	3.0723e-003
tblVehicleEF	MCY	1.69	2.61
tblVehicleEF	MCY	1.06	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.13	0.53
tblVehicleEF	MCY	0.43	0.53
tblVehicleEF	MCY	1.79	1.19
tblVehicleEF	MCY	2.0720e-003	0.53
tblVehicleEF	MCY	5.8700e-004	4.5161e-004
tblVehicleEF	MCY	1.69	2.61
tblVehicleEF	MCY	1.06	3.60
tblVehicleEF	MCY	0.69	0.00
tblVehicleEF	MCY	2.65	0.53
tblVehicleEF	MCY	0.43	0.53
tblVehicleEF	MCY	1.95	1.29
tblVehicleEF	MDV	3.0780e-003	3.1843e-003

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tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.74	0.88
tblVehicleEF	MDV	2.56	3.22
tblVehicleEF	MDV	346.60	396.74
tblVehicleEF	MDV	72.46	99.21
tblVehicleEF	MDV	6.8890e-003	7.1299e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	0.04	8.6359e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.2860e-003	1.2336e-003
tblVehicleEF	MDV	1.6140e-003	1.9391e-003
tblVehicleEF	MDV	0.02	3.0226e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.1860e-003	1.1371e-003
tblVehicleEF	MDV	1.4840e-003	1.7829e-003
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.28	0.40
tblVehicleEF	MDV	3.4260e-003	3.9201e-003
tblVehicleEF	MDV	7.1700e-004	9.8079e-004
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.14	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02

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tblVehicleEF	MDV	0.06	0.03
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MDV	3.5250e-003	3.3861e-003
tblVehicleEF	MDV	0.05	0.07
tblVehicleEF	MDV	0.91	1.18
tblVehicleEF	MDV	2.12	2.70
tblVehicleEF	MDV	367.44	419.59
tblVehicleEF	MDV	71.62	98.19
tblVehicleEF	MDV	6.5060e-003	6.4243e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.23	0.33
tblVehicleEF	MDV	0.04	8.6359e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.2860e-003	1.2336e-003
tblVehicleEF	MDV	1.6140e-003	1.9391e-003
tblVehicleEF	MDV	0.02	3.0226e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.1860e-003	1.1371e-003
tblVehicleEF	MDV	1.4840e-003	1.7829e-003
tblVehicleEF	MDV	0.21	0.52
tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	3.6320e-003	4.1460e-003
tblVehicleEF	MDV	7.0900e-004	9.7075e-004
tblVehicleEF	MDV	0.21	0.52

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tblVehicleEF	MDV	0.16	0.10
tblVehicleEF	MDV	0.19	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.06	0.04
tblVehicleEF	MDV	0.26	0.38
tblVehicleEF	MDV	3.0040e-003	3.1574e-003
tblVehicleEF	MDV	0.06	0.08
tblVehicleEF	MDV	0.70	0.83
tblVehicleEF	MDV	2.52	3.23
tblVehicleEF	MDV	341.67	392.54
tblVehicleEF	MDV	72.39	99.23
tblVehicleEF	MDV	6.6500e-003	6.9653e-003
tblVehicleEF	MDV	0.03	0.04
tblVehicleEF	MDV	0.06	0.07
tblVehicleEF	MDV	0.24	0.35
tblVehicleEF	MDV	0.04	8.6359e-003
tblVehicleEF	MDV	8.0000e-003	8.0000e-003
tblVehicleEF	MDV	1.2860e-003	1.2336e-003
tblVehicleEF	MDV	1.6140e-003	1.9391e-003
tblVehicleEF	MDV	0.02	3.0226e-003
tblVehicleEF	MDV	2.0000e-003	2.0000e-003
tblVehicleEF	MDV	1.1860e-003	1.1371e-003
tblVehicleEF	MDV	1.4840e-003	1.7829e-003
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.01	0.01
tblVehicleEF	MDV	0.07	0.03
tblVehicleEF	MDV	0.28	0.40

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tblVehicleEF	MDV	3.3770e-003	3.8786e-003
tblVehicleEF	MDV	7.1600e-004	9.8101e-004
tblVehicleEF	MDV	0.10	0.43
tblVehicleEF	MDV	0.15	0.10
tblVehicleEF	MDV	0.09	0.00
tblVehicleEF	MDV	0.02	0.02
tblVehicleEF	MDV	0.07	0.03
tblVehicleEF	MDV	0.31	0.44
tblVehicleEF	MH	6.8490e-003	3.8894e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.71	1.7200e-003
tblVehicleEF	MH	1.80	2.09
tblVehicleEF	MH	1,385.48	4.7799e-003
tblVehicleEF	MH	16.98	21.28
tblVehicleEF	MH	0.06	7.7897e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.36	1.31
tblVehicleEF	MH	0.24	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.2347e-011
tblVehicleEF	MH	0.03	2.6956e-009
tblVehicleEF	MH	2.1000e-004	2.3904e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3020e-003	4.8504e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	1.9300e-004	2.1978e-004
tblVehicleEF	MH	0.84	32.21
tblVehicleEF	MH	0.05	7.29
tblVehicleEF	MH	0.32	0.00

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tblVehicleEF	MH	0.05	2.5237e-008
tblVehicleEF	MH	0.01	1.9717e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	2.9950e-005
tblVehicleEF	MH	1.6800e-004	2.1040e-004
tblVehicleEF	MH	0.84	32.21
tblVehicleEF	MH	0.05	7.29
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.06	3.9120e-003
tblVehicleEF	MH	0.01	1.9717e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MH	7.0150e-003	3.9825e-005
tblVehicleEF	MH	0.02	0.02
tblVehicleEF	MH	0.73	1.8266e-003
tblVehicleEF	MH	1.65	1.94
tblVehicleEF	MH	1,385.52	4.7800e-003
tblVehicleEF	MH	16.72	21.04
tblVehicleEF	MH	0.06	7.2431e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.26	1.23
tblVehicleEF	MH	0.23	0.30
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.2347e-011
tblVehicleEF	MH	0.03	2.6956e-009
tblVehicleEF	MH	2.1000e-004	2.3904e-004
tblVehicleEF	MH	0.06	0.00
tblVehicleEF	MH	3.3020e-003	4.5733e-004
tblVehicleEF	MH	0.03	0.11
tblVehicleEF	MH	1.9300e-004	2.1978e-004

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tblVehicleEF	MH	1.66	40.27
tblVehicleEF	MH	0.06	7.86
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.05	2.4144e-008
tblVehicleEF	MH	0.01	2.0387e-003
tblVehicleEF	MH	0.08	0.09
tblVehicleEF	MH	0.01	3.1806e-005
tblVehicleEF	MH	1.6500e-004	2.0797e-004
tblVehicleEF	MH	1.66	40.27
tblVehicleEF	MH	0.06	7.86
tblVehicleEF	MH	0.74	0.00
tblVehicleEF	MH	0.06	4.3418e-003
tblVehicleEF	MH	0.01	2.0387e-003
tblVehicleEF	MH	0.09	0.10
tblVehicleEF	MH	6.8650e-003	3.8927e-005
tblVehicleEF	MH	0.02	0.03
tblVehicleEF	MH	0.71	1.7587e-003
tblVehicleEF	MH	1.79	2.09
tblVehicleEF	MH	1,385.49	4.7799e-003
tblVehicleEF	MH	16.95	21.29
tblVehicleEF	MH	0.06	7.6226e-007
tblVehicleEF	MH	0.03	0.03
tblVehicleEF	MH	1.33	1.29
tblVehicleEF	MH	0.24	0.31
tblVehicleEF	MH	0.13	0.00
tblVehicleEF	MH	0.01	3.2347e-011
tblVehicleEF	MH	0.03	2.6956e-009
tblVehicleEF	MH	2.1000e-004	2.3904e-004
tblVehicleEF	MH	0.06	0.00

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tblVehicleEF	MH	3.3020e-003	4.7711e-004
tblVehicleEF	MH	0.03	0.12
tblVehicleEF	MH	1.9300e-004	2.1978e-004
tblVehicleEF	MH	0.93	32.25
tblVehicleEF	MH	0.06	7.25
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.05	2.4719e-008
tblVehicleEF	MH	0.01	2.0144e-003
tblVehicleEF	MH	0.08	0.10
tblVehicleEF	MH	0.01	3.0623e-005
tblVehicleEF	MH	1.6800e-004	2.1048e-004
tblVehicleEF	MH	0.93	32.25
tblVehicleEF	MH	0.06	7.25
tblVehicleEF	MH	0.32	0.00
tblVehicleEF	MH	0.06	3.8969e-003
tblVehicleEF	MH	0.01	2.0144e-003
tblVehicleEF	MH	0.09	0.11
tblVehicleEF	MHD	2.9530e-003	0.02
tblVehicleEF	MHD	8.7300e-004	7.6738e-003
tblVehicleEF	MHD	6.8340e-003	5.1155e-003
tblVehicleEF	MHD	0.33	0.63
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.71	0.56
tblVehicleEF	MHD	60.66	156.17
tblVehicleEF	MHD	908.42	1,083.52
tblVehicleEF	MHD	6.88	5.18
tblVehicleEF	MHD	8.8370e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9440e-003	3.7665e-003

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tblVehicleEF	MHD	0.32	0.79
tblVehicleEF	MHD	1.00	0.55
tblVehicleEF	MHD	1.78	1.44
tblVehicleEF	MHD	1.8200e-004	8.0832e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7440e-003	6.8142e-003
tblVehicleEF	MHD	8.1000e-005	5.6658e-005
tblVehicleEF	MHD	1.7400e-004	7.7261e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.4050e-003	6.5155e-003
tblVehicleEF	MHD	7.4000e-005	5.2095e-005
tblVehicleEF	MHD	3.8000e-004	0.02
tblVehicleEF	MHD	0.01	3.5803e-003
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	2.1200e-004	0.00
tblVehicleEF	MHD	9.2550e-003	0.01
tblVehicleEF	MHD	0.01	8.8670e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.7500e-004	1.4302e-003
tblVehicleEF	MHD	8.6570e-003	0.01
tblVehicleEF	MHD	6.8000e-005	5.1238e-005
tblVehicleEF	MHD	3.8000e-004	0.02
tblVehicleEF	MHD	0.01	3.5803e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.1200e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	8.8670e-003

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tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	2.8150e-003	0.02
tblVehicleEF	MHD	8.9000e-004	7.6907e-003
tblVehicleEF	MHD	6.5240e-003	4.9165e-003
tblVehicleEF	MHD	0.29	0.60
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.67	0.53
tblVehicleEF	MHD	60.33	154.57
tblVehicleEF	MHD	908.42	1,083.53
tblVehicleEF	MHD	6.80	5.13
tblVehicleEF	MHD	8.7580e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.8150e-003	3.7016e-003
tblVehicleEF	MHD	0.31	0.76
tblVehicleEF	MHD	0.94	0.52
tblVehicleEF	MHD	1.78	1.44
tblVehicleEF	MHD	1.5600e-004	6.9242e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7440e-003	6.8142e-003
tblVehicleEF	MHD	8.1000e-005	5.6658e-005
tblVehicleEF	MHD	1.4900e-004	6.6172e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.4050e-003	6.5155e-003
tblVehicleEF	MHD	7.4000e-005	5.2095e-005
tblVehicleEF	MHD	7.3900e-004	0.02
tblVehicleEF	MHD	0.02	3.8555e-003
tblVehicleEF	MHD	0.01	0.02

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tblVehicleEF	MHD	4.6500e-004	0.00
tblVehicleEF	MHD	9.3210e-003	0.01
tblVehicleEF	MHD	0.01	9.1820e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.7200e-004	1.4152e-003
tblVehicleEF	MHD	8.6570e-003	0.01
tblVehicleEF	MHD	6.7000e-005	5.0707e-005
tblVehicleEF	MHD	7.3900e-004	0.02
tblVehicleEF	MHD	0.02	3.8555e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	4.6500e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.1820e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	MHD	3.1590e-003	0.02
tblVehicleEF	MHD	8.7400e-004	7.6738e-003
tblVehicleEF	MHD	6.7530e-003	5.0783e-003
tblVehicleEF	MHD	0.39	0.68
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	0.70	0.56
tblVehicleEF	MHD	61.12	158.37
tblVehicleEF	MHD	908.42	1,083.52
tblVehicleEF	MHD	6.86	5.18
tblVehicleEF	MHD	8.9510e-003	0.02
tblVehicleEF	MHD	0.12	0.15
tblVehicleEF	MHD	5.9020e-003	3.7502e-003
tblVehicleEF	MHD	0.34	0.83
tblVehicleEF	MHD	0.99	0.54
tblVehicleEF	MHD	1.78	1.44

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tblVehicleEF	MHD	2.1700e-004	9.6836e-004
tblVehicleEF	MHD	0.13	0.04
tblVehicleEF	MHD	0.01	0.01
tblVehicleEF	MHD	7.7440e-003	6.8142e-003
tblVehicleEF	MHD	8.1000e-005	5.6658e-005
tblVehicleEF	MHD	2.0700e-004	9.2573e-004
tblVehicleEF	MHD	0.06	0.01
tblVehicleEF	MHD	3.0000e-003	3.0000e-003
tblVehicleEF	MHD	7.4050e-003	6.5155e-003
tblVehicleEF	MHD	7.4000e-005	5.2095e-005
tblVehicleEF	MHD	3.8600e-004	0.02
tblVehicleEF	MHD	0.01	3.5621e-003
tblVehicleEF	MHD	0.02	0.02
tblVehicleEF	MHD	2.0500e-004	0.00
tblVehicleEF	MHD	9.2620e-003	0.01
tblVehicleEF	MHD	0.01	9.0432e-003
tblVehicleEF	MHD	0.03	0.03
tblVehicleEF	MHD	5.7900e-004	1.4510e-003
tblVehicleEF	MHD	8.6570e-003	0.01
tblVehicleEF	MHD	6.8000e-005	5.1164e-005
tblVehicleEF	MHD	3.8600e-004	0.02
tblVehicleEF	MHD	0.01	3.5621e-003
tblVehicleEF	MHD	0.02	0.04
tblVehicleEF	MHD	2.0500e-004	0.00
tblVehicleEF	MHD	0.01	0.02
tblVehicleEF	MHD	0.01	9.0432e-003
tblVehicleEF	MHD	0.04	0.03
tblVehicleEF	OBUS	8.9710e-003	0.02
tblVehicleEF	OBUS	4.4810e-003	0.05

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tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.56
tblVehicleEF	OBUS	0.52	0.73
tblVehicleEF	OBUS	2.38	2.47
tblVehicleEF	OBUS	68.72	78.12
tblVehicleEF	OBUS	1,335.22	1,385.46
tblVehicleEF	OBUS	19.78	20.85
tblVehicleEF	OBUS	8.7900e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.26	0.28
tblVehicleEF	OBUS	0.83	0.96
tblVehicleEF	OBUS	0.70	0.70
tblVehicleEF	OBUS	8.8000e-005	4.0594e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.4070e-003	0.02
tblVehicleEF	OBUS	2.3300e-004	2.3024e-004
tblVehicleEF	OBUS	8.5000e-005	3.8773e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.1080e-003	0.02
tblVehicleEF	OBUS	2.1400e-004	2.1170e-004
tblVehicleEF	OBUS	2.6020e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1100e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.09	0.04

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tblVehicleEF	OBUS	0.12	0.12
tblVehicleEF	OBUS	6.5600e-004	7.0014e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9600e-004	2.0617e-004
tblVehicleEF	OBUS	2.6020e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1100e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	OBUS	9.0530e-003	0.02
tblVehicleEF	OBUS	4.6070e-003	0.05
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.53	0.55
tblVehicleEF	OBUS	0.53	0.75
tblVehicleEF	OBUS	2.18	2.30
tblVehicleEF	OBUS	67.99	77.45
tblVehicleEF	OBUS	1,335.24	1,385.47
tblVehicleEF	OBUS	19.45	20.56
tblVehicleEF	OBUS	8.6820e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.25	0.27
tblVehicleEF	OBUS	0.76	0.89
tblVehicleEF	OBUS	0.69	0.69
tblVehicleEF	OBUS	7.9000e-005	3.4939e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	6.4070e-003	0.02
tblVehicleEF	OBUS	2.3300e-004	2.3024e-004
tblVehicleEF	OBUS	7.5000e-005	3.3363e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.1080e-003	0.02
tblVehicleEF	OBUS	2.1400e-004	2.1170e-004
tblVehicleEF	OBUS	5.0300e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	2.4870e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.4900e-004	6.9382e-004
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	1.9200e-004	2.0329e-004
tblVehicleEF	OBUS	5.0300e-003	0.17
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.07	0.08
tblVehicleEF	OBUS	2.4870e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.09	0.04
tblVehicleEF	OBUS	0.12	0.13
tblVehicleEF	OBUS	8.9010e-003	0.02
tblVehicleEF	OBUS	4.4960e-003	0.05
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.54	0.57
tblVehicleEF	OBUS	0.52	0.74

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	2.36	2.48
tblVehicleEF	OBUS	69.74	79.04
tblVehicleEF	OBUS	1,335.22	1,385.46
tblVehicleEF	OBUS	19.76	20.86
tblVehicleEF	OBUS	8.9510e-003	0.01
tblVehicleEF	OBUS	0.08	0.12
tblVehicleEF	OBUS	0.02	0.02
tblVehicleEF	OBUS	0.28	0.29
tblVehicleEF	OBUS	0.81	0.94
tblVehicleEF	OBUS	0.69	0.70
tblVehicleEF	OBUS	1.0200e-004	4.8403e-004
tblVehicleEF	OBUS	0.13	0.05
tblVehicleEF	OBUS	0.01	0.01
tblVehicleEF	OBUS	6.4070e-003	0.02
tblVehicleEF	OBUS	2.3300e-004	2.3024e-004
tblVehicleEF	OBUS	9.8000e-005	4.6244e-004
tblVehicleEF	OBUS	0.06	0.02
tblVehicleEF	OBUS	3.0000e-003	3.0000e-003
tblVehicleEF	OBUS	6.1080e-003	0.02
tblVehicleEF	OBUS	2.1400e-004	2.1170e-004
tblVehicleEF	OBUS	2.7020e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.05	0.05
tblVehicleEF	OBUS	1.1050e-003	0.00
tblVehicleEF	OBUS	0.02	0.05
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.11	0.12
tblVehicleEF	OBUS	6.6500e-004	7.0888e-004
tblVehicleEF	OBUS	0.01	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	OBUS	1.9500e-004	2.0626e-004
tblVehicleEF	OBUS	2.7020e-003	0.13
tblVehicleEF	OBUS	0.03	0.03
tblVehicleEF	OBUS	0.06	0.08
tblVehicleEF	OBUS	1.1050e-003	0.00
tblVehicleEF	OBUS	0.03	0.10
tblVehicleEF	OBUS	0.10	0.04
tblVehicleEF	OBUS	0.13	0.13
tblVehicleEF	SBUS	0.05	0.54
tblVehicleEF	SBUS	5.1430e-003	1.36
tblVehicleEF	SBUS	4.6720e-003	6.8969e-003
tblVehicleEF	SBUS	2.26	3.01
tblVehicleEF	SBUS	0.45	4.96
tblVehicleEF	SBUS	0.61	0.85
tblVehicleEF	SBUS	326.88	271.34
tblVehicleEF	SBUS	1,051.18	1,204.44
tblVehicleEF	SBUS	3.64	5.37
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	4.0450e-003	6.2301e-003
tblVehicleEF	SBUS	2.82	1.01
tblVehicleEF	SBUS	3.78	1.91
tblVehicleEF	SBUS	1.23	0.19
tblVehicleEF	SBUS	2.4420e-003	1.4266e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.0000e-005	5.3778e-005
tblVehicleEF	SBUS	2.3360e-003	1.3451e-003

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7280e-003	2.5521e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.7000e-005	4.9447e-005
tblVehicleEF	SBUS	8.5900e-004	0.07
tblVehicleEF	SBUS	6.4380e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.3500e-004	0.00
tblVehicleEF	SBUS	0.07	0.07
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.1100e-003	1.2030e-003
tblVehicleEF	SBUS	0.01	6.4856e-003
tblVehicleEF	SBUS	3.6000e-005	5.3137e-005
tblVehicleEF	SBUS	8.5900e-004	0.07
tblVehicleEF	SBUS	6.4380e-003	0.01
tblVehicleEF	SBUS	0.33	0.87
tblVehicleEF	SBUS	4.3500e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	0.05	0.54
tblVehicleEF	SBUS	5.2100e-003	1.36
tblVehicleEF	SBUS	3.8550e-003	5.7779e-003
tblVehicleEF	SBUS	2.24	3.00
tblVehicleEF	SBUS	0.45	4.97
tblVehicleEF	SBUS	0.43	0.62
tblVehicleEF	SBUS	331.85	273.50
tblVehicleEF	SBUS	1,051.20	1,204.46

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	3.34	4.98
tblVehicleEF	SBUS	0.05	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	3.8940e-003	6.0110e-003
tblVehicleEF	SBUS	2.85	1.03
tblVehicleEF	SBUS	3.54	1.78
tblVehicleEF	SBUS	1.23	0.19
tblVehicleEF	SBUS	2.0680e-003	1.2870e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.0000e-005	5.3778e-005
tblVehicleEF	SBUS	1.9790e-003	1.2116e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7280e-003	2.5521e-003
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	3.7000e-005	4.9447e-005
tblVehicleEF	SBUS	1.5570e-003	0.09
tblVehicleEF	SBUS	6.6880e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	8.3700e-004	0.00
tblVehicleEF	SBUS	0.07	0.07
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.03
tblVehicleEF	SBUS	3.1570e-003	1.2234e-003
tblVehicleEF	SBUS	0.01	6.4858e-003
tblVehicleEF	SBUS	3.3000e-005	4.9243e-005
tblVehicleEF	SBUS	1.5570e-003	0.09
tblVehicleEF	SBUS	6.6880e-003	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	0.33	0.87
tblVehicleEF	SBUS	8.3700e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.02	0.04
tblVehicleEF	SBUS	0.05	0.54
tblVehicleEF	SBUS	5.1410e-003	1.36
tblVehicleEF	SBUS	4.7730e-003	7.1051e-003
tblVehicleEF	SBUS	2.30	3.02
tblVehicleEF	SBUS	0.45	4.96
tblVehicleEF	SBUS	0.62	0.89
tblVehicleEF	SBUS	320.01	268.36
tblVehicleEF	SBUS	1,051.18	1,204.44
tblVehicleEF	SBUS	3.67	5.44
tblVehicleEF	SBUS	0.04	0.04
tblVehicleEF	SBUS	0.14	0.16
tblVehicleEF	SBUS	4.0790e-003	6.3064e-003
tblVehicleEF	SBUS	2.77	0.98
tblVehicleEF	SBUS	3.72	1.88
tblVehicleEF	SBUS	1.23	0.19
tblVehicleEF	SBUS	2.9580e-003	1.6193e-003
tblVehicleEF	SBUS	0.74	0.05
tblVehicleEF	SBUS	0.01	0.01
tblVehicleEF	SBUS	0.02	0.01
tblVehicleEF	SBUS	4.0000e-005	5.3778e-005
tblVehicleEF	SBUS	2.8300e-003	1.5295e-003
tblVehicleEF	SBUS	0.32	0.02
tblVehicleEF	SBUS	2.7280e-003	2.5521e-003
tblVehicleEF	SBUS	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	SBUS	3.7000e-005	4.9447e-005
tblVehicleEF	SBUS	7.9600e-004	0.08
tblVehicleEF	SBUS	6.5730e-003	0.01
tblVehicleEF	SBUS	0.23	0.27
tblVehicleEF	SBUS	4.3300e-004	0.00
tblVehicleEF	SBUS	0.07	0.07
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	SBUS	3.0460e-003	1.1747e-003
tblVehicleEF	SBUS	0.01	6.4856e-003
tblVehicleEF	SBUS	3.6000e-005	5.3779e-005
tblVehicleEF	SBUS	7.9600e-004	0.08
tblVehicleEF	SBUS	6.5730e-003	0.01
tblVehicleEF	SBUS	0.33	0.87
tblVehicleEF	SBUS	4.3300e-004	0.00
tblVehicleEF	SBUS	0.09	1.45
tblVehicleEF	SBUS	0.01	0.02
tblVehicleEF	SBUS	0.03	0.04
tblVehicleEF	UBUS	4.22	2.23
tblVehicleEF	UBUS	0.02	7.9917e-003
tblVehicleEF	UBUS	32.87	28.56
tblVehicleEF	UBUS	1.40	1.03
tblVehicleEF	UBUS	1,716.42	1,423.76
tblVehicleEF	UBUS	16.33	7.48
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.24
tblVehicleEF	UBUS	0.17	0.07
tblVehicleEF	UBUS	0.08	0.10

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7190e-003	1.7875e-003
tblVehicleEF	UBUS	2.1500e-004	3.9707e-005
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5840e-003	1.7045e-003
tblVehicleEF	UBUS	1.9800e-004	3.6509e-005
tblVehicleEF	UBUS	1.6470e-003	0.02
tblVehicleEF	UBUS	0.01	5.4661e-003
tblVehicleEF	UBUS	9.9900e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.9380e-003	5.0347e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7010e-003	9.6469e-004
tblVehicleEF	UBUS	1.6200e-004	7.3907e-005
tblVehicleEF	UBUS	1.6470e-003	0.02
tblVehicleEF	UBUS	0.01	5.4661e-003
tblVehicleEF	UBUS	9.9900e-004	0.00
tblVehicleEF	UBUS	4.31	2.28
tblVehicleEF	UBUS	1.9380e-003	5.0347e-004
tblVehicleEF	UBUS	0.08	0.03
tblVehicleEF	UBUS	4.22	2.23
tblVehicleEF	UBUS	0.02	7.2979e-003
tblVehicleEF	UBUS	32.87	28.56
tblVehicleEF	UBUS	1.15	0.88
tblVehicleEF	UBUS	1,716.42	1,423.76
tblVehicleEF	UBUS	15.91	7.23
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.02	0.01

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	0.36	0.24
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7190e-003	1.7875e-003
tblVehicleEF	UBUS	2.1500e-004	3.9707e-005
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5840e-003	1.7045e-003
tblVehicleEF	UBUS	1.9800e-004	3.6509e-005
tblVehicleEF	UBUS	3.0980e-003	0.03
tblVehicleEF	UBUS	0.02	5.9344e-003
tblVehicleEF	UBUS	2.1680e-003	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	1.9080e-003	5.2596e-004
tblVehicleEF	UBUS	0.06	0.03
tblVehicleEF	UBUS	3.7010e-003	9.6471e-004
tblVehicleEF	UBUS	1.5700e-004	7.1448e-005
tblVehicleEF	UBUS	3.0980e-003	0.03
tblVehicleEF	UBUS	0.02	5.9344e-003
tblVehicleEF	UBUS	2.1680e-003	0.00
tblVehicleEF	UBUS	4.31	2.28
tblVehicleEF	UBUS	1.9080e-003	5.2596e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	4.22	2.23
tblVehicleEF	UBUS	0.02	8.0474e-003
tblVehicleEF	UBUS	32.87	28.56
tblVehicleEF	UBUS	1.36	1.04
tblVehicleEF	UBUS	1,716.42	1,423.76

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleEF	UBUS	16.27	7.50
tblVehicleEF	UBUS	0.28	0.27
tblVehicleEF	UBUS	0.02	0.01
tblVehicleEF	UBUS	0.36	0.24
tblVehicleEF	UBUS	0.16	0.07
tblVehicleEF	UBUS	0.08	0.10
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	2.7190e-003	1.7875e-003
tblVehicleEF	UBUS	2.1500e-004	3.9707e-005
tblVehicleEF	UBUS	0.03	0.03
tblVehicleEF	UBUS	6.3130e-003	7.1753e-003
tblVehicleEF	UBUS	2.5840e-003	1.7045e-003
tblVehicleEF	UBUS	1.9800e-004	3.6509e-005
tblVehicleEF	UBUS	1.6330e-003	0.02
tblVehicleEF	UBUS	0.02	5.4334e-003
tblVehicleEF	UBUS	9.8000e-004	0.00
tblVehicleEF	UBUS	0.06	0.04
tblVehicleEF	UBUS	2.2340e-003	5.2276e-004
tblVehicleEF	UBUS	0.07	0.03
tblVehicleEF	UBUS	3.7010e-003	9.6469e-004
tblVehicleEF	UBUS	1.6100e-004	7.4149e-005
tblVehicleEF	UBUS	1.6330e-003	0.02
tblVehicleEF	UBUS	0.02	5.4334e-003
tblVehicleEF	UBUS	9.8000e-004	0.00
tblVehicleEF	UBUS	4.31	2.28
tblVehicleEF	UBUS	2.2340e-003	5.2276e-004
tblVehicleEF	UBUS	0.08	0.03
tblVehicleTrips	ST_TR	42.04	37.75
tblVehicleTrips	SU_TR	20.43	37.75

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

tblVehicleTrips	WD_TR	44.32	37.75
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2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	1.4799	1.9583	2.4143	6.2800e-003	0.5588	0.0714	0.6302	0.1444	0.0667	0.2111	0.0000	567.9102	567.9102	0.0883	0.0253	577.6446
Maximum	1.4799	1.9583	2.4143	6.2800e-003	0.5588	0.0714	0.6302	0.1444	0.0667	0.2111	0.0000	567.9102	567.9102	0.0883	0.0253	577.6446

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2026	1.3639	0.6417	2.6892	6.2800e-003	0.3331	0.0124	0.3455	0.0878	0.0122	0.1001	0.0000	567.9099	567.9099	0.0883	0.0253	577.6442
Maximum	1.3639	0.6417	2.6892	6.2800e-003	0.3331	0.0124	0.3455	0.0878	0.0122	0.1001	0.0000	567.9099	567.9099	0.0883	0.0253	577.6442

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	7.84	67.23	-11.38	0.00	40.39	82.61	45.17	39.16	81.65	52.59	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
		Highest		

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003
Energy	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	498.5852	498.5852	5.9000e-004	5.6000e-004	498.7675
Mobile	4.6206	3.5503	26.0717	0.3403	5.8873	0.3146	6.2019	1.8824	0.3222	2.2046	0.0000	6,171.7184	6,171.7184	0.6080	0.5648	6,355.2264
Waste						0.0000	0.0000		0.0000	0.0000	55.7068	0.0000	55.7068	3.2922	0.0000	138.0113
Water						0.0000	0.0000		0.0000	0.0000	6.1419	55.0275	61.1694	0.6308	0.0149	81.3790
Total	5.7101	3.5785	26.0988	0.3405	5.8873	0.3167	6.2040	1.8824	0.3244	2.2068	61.8487	6,725.3377	6,787.1864	4.5317	0.5803	7,073.3913

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003
Energy	2.1600e-003	0.0197	0.0165	1.2000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	357.5375	357.5375	4.1000e-004	3.9000e-004	357.6647
Mobile	4.6153	3.5267	25.9009	0.3364	5.8193	0.3110	6.1303	1.8607	0.3186	2.1792	0.0000	6,103.9237	6,103.9237	0.6038	0.5596	6,285.7778
Waste						0.0000	0.0000		0.0000	0.0000	13.9267	0.0000	13.9267	0.8230	0.0000	34.5028
Water						0.0000	0.0000		0.0000	0.0000	4.9135	46.6484	51.5620	0.5047	0.0119	67.7297
Total	5.7039	3.5464	25.9209	0.3365	5.8193	0.3125	6.1318	1.8607	0.3201	2.1807	18.8402	6,508.1163	6,526.9565	1.9320	0.5719	6,745.6821

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.11	0.90	0.68	1.16	1.15	1.32	1.16	1.15	1.32	1.18	69.54	3.23	3.83	57.37	1.44	4.63

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	1/1/2026	1/29/2026	5	21	
2	Grading	Grading	2/1/2026	3/13/2026	5	30	
3	Building Costruction	Building Construction	3/13/2026	9/24/2026	5	140	

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4	Architectural Coating	Architectural Coating	9/1/2026	10/26/2026	5	40
5	Paving/Landscap/Site Finishes	Paving	9/25/2026	10/22/2026	5	20

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 90

Acres of Paving: 6

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 392,040; Non-Residential Outdoor: 130,680; Striped Parking Area: 15,682 (Architectural Coating – sqft)

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
Grading	Excavators	2	8.00	158	0.38
Grading	Graders	1	8.00	187	0.41
Grading	Rubber Tired Dozers	1	8.00	247	0.40
Grading	Scrapers	2	8.00	367	0.48
Grading	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Building Costruction	Cranes	1	7.00	231	0.29
Building Costruction	Forklifts	3	8.00	89	0.20
Building Costruction	Generator Sets	1	8.00	84	0.74
Building Costruction	Tractors/Loaders/Backhoes	3	7.00	97	0.37
Building Costruction	Welders	1	8.00	46	0.45
Architectural Coating	Air Compressors	1	6.00	78	0.48
Paving/Landscap/Site Finishes	Pavers	2	8.00	130	0.42
Paving/Landscap/Site Finishes	Paving Equipment	2	8.00	132	0.36
Paving/Landscap/Site Finishes	Rollers	2	8.00	80	0.38

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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	1,879.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Building Costruction	9	193.00	86.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	39.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT
Paving/Landscap/Site Finishes	6	15.00	0.00	0.00	14.70	6.90	20.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Replace Ground Cover

Water Exposed Area

Water Unpaved Roads

Reduce Vehicle Speed on Unpaved Roads

Clean Paved Roads

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3.2 Demolition - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.2033	0.0000	0.2033	0.0308	0.0000	0.0308	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0220	0.2016	0.2039	4.1000e-004		8.9500e-003	8.9500e-003		8.3200e-003	8.3200e-003	0.0000	35.6975	35.6975	9.9700e-003	0.0000	35.9467
Total	0.0220	0.2016	0.2039	4.1000e-004	0.2033	8.9500e-003	0.2122	0.0308	8.3200e-003	0.0391	0.0000	35.6975	35.6975	9.9700e-003	0.0000	35.9467

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1400e-003	0.1074	0.0317	5.0000e-004	0.0162	1.0600e-003	0.0172	4.4400e-003	1.0100e-003	5.4600e-003	0.0000	49.0852	49.0852	2.0300e-003	7.7800e-003	51.4543
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	4.1200e-003	1.0000e-005	1.7300e-003	1.0000e-005	1.7300e-003	4.6000e-004	1.0000e-005	4.7000e-004	0.0000	1.2100	1.2100	3.0000e-005	3.0000e-005	1.2195
Total	2.5800e-003	0.1077	0.0358	5.1000e-004	0.0179	1.0700e-003	0.0190	4.9000e-003	1.0200e-003	5.9300e-003	0.0000	50.2952	50.2952	2.0600e-003	7.8100e-003	52.6738

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3.2 Demolition - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0753	0.0000	0.0753	0.0114	0.0000	0.0114	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	4.8500e-003	0.0210	0.2444	4.1000e-004		6.5000e-004	6.5000e-004		6.5000e-004	6.5000e-004	0.0000	35.6975	35.6975	9.9700e-003	0.0000	35.9467
Total	4.8500e-003	0.0210	0.2444	4.1000e-004	0.0753	6.5000e-004	0.0760	0.0114	6.5000e-004	0.0121	0.0000	35.6975	35.6975	9.9700e-003	0.0000	35.9467

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	2.1400e-003	0.1074	0.0317	5.0000e-004	0.0155	1.0600e-003	0.0165	4.2700e-003	1.0100e-003	5.2800e-003	0.0000	49.0852	49.0852	2.0300e-003	7.7800e-003	51.4543
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.4000e-004	2.9000e-004	4.1200e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6400e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.2100	1.2100	3.0000e-005	3.0000e-005	1.2195
Total	2.5800e-003	0.1077	0.0358	5.1000e-004	0.0171	1.0700e-003	0.0182	4.7100e-003	1.0200e-003	5.7200e-003	0.0000	50.2952	50.2952	2.0600e-003	7.8100e-003	52.6738

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3.3 Grading - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1381	0.0000	0.1381	0.0548	0.0000	0.0548	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0435	0.4191	0.3950	9.3000e-004		0.0170	0.0170		0.0156	0.0156	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204
Total	0.0435	0.4191	0.3950	9.3000e-004	0.1381	0.0170	0.1550	0.0548	0.0156	0.0704	0.0000	81.7593	81.7593	0.0264	0.0000	82.4204

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.6000e-004	7.8500e-003	3.0000e-005	3.2900e-003	1.0000e-005	3.3000e-003	8.7000e-004	1.0000e-005	8.9000e-004	0.0000	2.3048	2.3048	5.0000e-005	6.0000e-005	2.3228
Total	8.5000e-004	5.6000e-004	7.8500e-003	3.0000e-005	3.2900e-003	1.0000e-005	3.3000e-003	8.7000e-004	1.0000e-005	8.9000e-004	0.0000	2.3048	2.3048	5.0000e-005	6.0000e-005	2.3228

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3.3 Grading - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0512	0.0000	0.0512	0.0203	0.0000	0.0203	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0114	0.0495	0.4950	9.3000e-004		1.5200e-003	1.5200e-003		1.5200e-003	1.5200e-003	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203
Total	0.0114	0.0495	0.4950	9.3000e-004	0.0512	1.5200e-003	0.0527	0.0203	1.5200e-003	0.0218	0.0000	81.7592	81.7592	0.0264	0.0000	82.4203

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.5000e-004	5.6000e-004	7.8500e-003	3.0000e-005	3.1200e-003	1.0000e-005	3.1300e-003	8.3000e-004	1.0000e-005	8.4000e-004	0.0000	2.3048	2.3048	5.0000e-005	6.0000e-005	2.3228
Total	8.5000e-004	5.6000e-004	7.8500e-003	3.0000e-005	3.1200e-003	1.0000e-005	3.1300e-003	8.3000e-004	1.0000e-005	8.4000e-004	0.0000	2.3048	2.3048	5.0000e-005	6.0000e-005	2.3228

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3.4 Building Construction - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0957	0.8729	1.1259	1.8900e-003		0.0369	0.0369		0.0347	0.0347	0.0000	162.3436	162.3436	0.0382	0.0000	163.2977
Total	0.0957	0.8729	1.1259	1.8900e-003		0.0369	0.0369		0.0347	0.0347	0.0000	162.3436	162.3436	0.0382	0.0000	163.2977

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3900e-003	0.2211	0.0859	1.0200e-003	0.0380	1.5500e-003	0.0395	0.0110	1.4900e-003	0.0124	0.0000	99.4476	99.4476	2.4900e-003	0.0147	103.8833
Worker	0.0381	0.0250	0.3537	1.1300e-003	0.1481	6.4000e-004	0.1488	0.0393	5.9000e-004	0.0399	0.0000	103.7916	103.7916	2.2500e-003	2.5400e-003	104.6045
Total	0.0445	0.2461	0.4396	2.1500e-003	0.1861	2.1900e-003	0.1883	0.0503	2.0800e-003	0.0524	0.0000	203.2392	203.2392	4.7400e-003	0.0172	208.4878

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3.4 Building Costruction - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0353	0.1801	1.2331	1.8900e-003		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	162.3434	162.3434	0.0382	0.0000	163.2975
Total	0.0353	0.1801	1.2331	1.8900e-003		5.5100e-003	5.5100e-003		5.5100e-003	5.5100e-003	0.0000	162.3434	162.3434	0.0382	0.0000	163.2975

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	6.3900e-003	0.2211	0.0859	1.0200e-003	0.0364	1.5500e-003	0.0379	0.0106	1.4900e-003	0.0121	0.0000	99.4476	99.4476	2.4900e-003	0.0147	103.8833
Worker	0.0381	0.0250	0.3537	1.1300e-003	0.1404	6.4000e-004	0.1411	0.0375	5.9000e-004	0.0380	0.0000	103.7916	103.7916	2.2500e-003	2.5400e-003	104.6045
Total	0.0445	0.2461	0.4396	2.1500e-003	0.1768	2.1900e-003	0.1790	0.0480	2.0800e-003	0.0501	0.0000	203.2392	203.2392	4.7400e-003	0.0172	208.4878

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3.5 Architectural Coating - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4200e-003	0.0229	0.0362	6.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	5.1065	5.1065	2.8000e-004	0.0000	5.1135
Total	1.2512	0.0229	0.0362	6.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	5.1065	5.1065	2.8000e-004	0.0000	5.1135

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.4400e-003	0.0204	7.0000e-005	8.5500e-003	4.0000e-005	8.5900e-003	2.2700e-003	3.0000e-005	2.3100e-003	0.0000	5.9924	5.9924	1.3000e-004	1.5000e-004	6.0393
Total	2.2000e-003	1.4400e-003	0.0204	7.0000e-005	8.5500e-003	4.0000e-005	8.5900e-003	2.2700e-003	3.0000e-005	2.3100e-003	0.0000	5.9924	5.9924	1.3000e-004	1.5000e-004	6.0393

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3.5 Architectural Coating - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	1.2478					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.4200e-003	0.0229	0.0362	6.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	5.1065	5.1065	2.8000e-004	0.0000	5.1135
Total	1.2512	0.0229	0.0362	6.0000e-005		1.0300e-003	1.0300e-003		1.0300e-003	1.0300e-003	0.0000	5.1065	5.1065	2.8000e-004	0.0000	5.1135

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.2000e-003	1.4400e-003	0.0204	7.0000e-005	8.1100e-003	4.0000e-005	8.1400e-003	2.1600e-003	3.0000e-005	2.2000e-003	0.0000	5.9924	5.9924	1.3000e-004	1.5000e-004	6.0393
Total	2.2000e-003	1.4400e-003	0.0204	7.0000e-005	8.1100e-003	4.0000e-005	8.1400e-003	2.1600e-003	3.0000e-005	2.2000e-003	0.0000	5.9924	5.9924	1.3000e-004	1.5000e-004	6.0393

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving/Landscap/Site Finishes - 2026

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	9.1500e-003	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811
Paving	7.8600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0170	0.0858	0.1458	2.3000e-004		4.1900e-003	4.1900e-003		3.8500e-003	3.8500e-003	0.0000	20.0193	20.0193	6.4700e-003	0.0000	20.1811

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	2.8000e-004	3.9300e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1524	1.1524	2.0000e-005	3.0000e-005	1.1614
Total	4.2000e-004	2.8000e-004	3.9300e-003	1.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.4000e-004	0.0000	1.1524	1.1524	2.0000e-005	3.0000e-005	1.1614

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

3.6 Paving/Landscap/Site Finishes - 2026

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	2.8000e-003	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811
Paving	7.8600e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0107	0.0122	0.1730	2.3000e-004		3.7000e-004	3.7000e-004		3.7000e-004	3.7000e-004	0.0000	20.0192	20.0192	6.4700e-003	0.0000	20.1811

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	4.2000e-004	2.8000e-004	3.9300e-003	1.0000e-005	1.5600e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1524	1.1524	2.0000e-005	3.0000e-005	1.1614
Total	4.2000e-004	2.8000e-004	3.9300e-003	1.0000e-005	1.5600e-003	1.0000e-005	1.5700e-003	4.2000e-004	1.0000e-005	4.2000e-004	0.0000	1.1524	1.1524	2.0000e-005	3.0000e-005	1.1614

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Implement Trip Reduction Program

Transit Subsidy

Employee Vanpool/Shuttle

Provide Riade Sharing Program

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	4.6153	3.5267	25.9009	0.3364	5.8193	0.3110	6.1303	1.8607	0.3186	2.1792	0.0000	6,103.9237	6,103.9237	0.6038	0.5596	6,285.7778
Unmitigated	4.6206	3.5503	26.0717	0.3403	5.8873	0.3146	6.2019	1.8824	0.3222	2.2046	0.0000	6,171.7184	6,171.7184	0.6080	0.5648	6,355.2264

4.2 Trip Summary Information

Land Use	Average Daily Trip Rate			Unmitigated	Mitigated
	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Parking Lot	0.00	0.00	0.00		
Strip Mall	9,866.34	9,866.34	9866.34	18,771,652	18,554,948
Total	9,866.34	9,866.34	9,866.34	18,771,652	18,554,948

4.3 Trip Type Information

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Land Use	Miles			Trip %			Trip Purpose %		
	H-W or C-W	H-S or C-C	H-O or C-NW	H-W or C-W	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Parking Lot	16.60	8.40	6.90	0.00	0.00	0.00	0	0	0
Strip Mall	16.60	8.40	6.90	16.60	64.40	19.00	45	40	15

4.4 Fleet Mix

Land Use	LDA	LDT1	LDT2	MDV	LHD1	LHD2	MHD	HHD	OBUS	UBUS	MCY	SBUS	MH
Parking Lot	0.547196	0.056762	0.174118	0.130529	0.024505	0.006824	0.012367	0.017399	0.000546	0.000242	0.024357	0.000961	0.004193
Strip Mall	0.547196	0.056762	0.174118	0.130529	0.024505	0.006824	0.012367	0.017399	0.000546	0.000242	0.024357	0.000961	0.004193

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Exceed Title 24

Install High Efficiency Lighting

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	336.1286	336.1286	0.0000	0.0000	336.1286
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	467.9014	467.9014	0.0000	0.0000	467.9014
NaturalGas Mitigated	2.1600e-003	0.0197	0.0165	1.2000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	21.4089	21.4089	4.1000e-004	3.9000e-004	21.5361
NaturalGas Unmitigated	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	30.6838	30.6838	5.9000e-004	5.6000e-004	30.8661

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	574992	3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	30.6838	30.6838	5.9000e-004	5.6000e-004	30.8661
Total		3.1000e-003	0.0282	0.0237	1.7000e-004		2.1400e-003	2.1400e-003		2.1400e-003	2.1400e-003	0.0000	30.6838	30.6838	5.9000e-004	5.6000e-004	30.8661

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.2 Energy by Land Use - Natural Gas

Mitigated

	Natural Gas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Parking Lot	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Strip Mall	401188	2.1600e-003	0.0197	0.0165	1.2000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	21.4089	21.4089	4.1000e-004	3.9000e-004	21.5361
Total		2.1600e-003	0.0197	0.0165	1.2000e-004		1.4900e-003	1.4900e-003		1.4900e-003	1.4900e-003	0.0000	21.4089	21.4089	4.1000e-004	3.9000e-004	21.5361

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	91476	13.1117	0.0000	0.0000	13.1117
Strip Mall	3.17291e+006	454.7897	0.0000	0.0000	454.7897
Total		467.9014	0.0000	0.0000	467.9014

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Parking Lot	59459.4	8.5226	0.0000	0.0000	8.5226
Strip Mall	2.28559e+006	327.6059	0.0000	0.0000	327.6059
Total		336.1286	0.0000	0.0000	336.1286

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003
Unmitigated	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9613					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003
Total	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.1248					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.9613					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Landscaping	3.1000e-004	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003
Total	1.0864	3.0000e-005	3.4000e-003	0.0000		1.0000e-005	1.0000e-005		1.0000e-005	1.0000e-005	0.0000	6.6400e-003	6.6400e-003	2.0000e-005	0.0000	7.0700e-003

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	51.5620	0.5047	0.0119	67.7297
Unmitigated	61.1694	0.6308	0.0149	81.3790

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	19.3596 / 11.8656	61.1694	0.6308	0.0149	81.3790
Total		61.1694	0.6308	0.0149	81.3790

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Strip Mall	15.4877 / 11.1418	51.5620	0.5047	0.0119	67.7297
Total		51.5620	0.5047	0.0119	67.7297

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	13.9267	0.8230	0.0000	34.5028
Unmitigated	55.7068	3.2922	0.0000	138.0113

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	274.43	55.7068	3.2922	0.0000	138.0113
Total		55.7068	3.2922	0.0000	138.0113

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EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Strip Mall	68.6075	13.9267	0.8230	0.0000	34.5028
Total		13.9267	0.8230	0.0000	34.5028

9.0 Operational Offroad

Equipment Type	Number	Hours/Day	Days/Year	Horse Power	Load Factor	Fuel Type
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10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
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Boilers

Equipment Type	Number	Heat Input/Day	Heat Input/Year	Boiler Rating	Fuel Type
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User Defined Equipment

Equipment Type	Number
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11.0 Vegetation

Speedway Commerce Center (General Commercial) - San Bernardino-South Coast County, Annual

EMFAC Off-Model Adjustment Factors for Gasoline Light Duty Vehicle to Account for the SAFE Vehicle Rule Not Applied

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024, 2025, 2026

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Year	Vehicle Category	Model Year	Horsepower	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activity	Total_Population	Horsepower_Hours_hhpy
San Bernard	2024	Industrial - Forklifts	Aggregate	100	Diesel	0.0036919	0.0044672	0.0053163	0.0553541	0.0421266	8.0711571	0.0024092	0.0022165	7.45111E-05	6.58757E-05	261859.8017	306065.89	392.7312337	25228131.43
San Bernard	2025	Industrial - Forklifts	Aggregate	100	Diesel	0.0034524	0.0041775	0.0049715	0.0557967	0.0395578	8.1724041	0.0020927	0.0019253	7.54544E-05	6.67021E-05	265144.6517	309907.71	395.9598098	25541283.26
San Bernard	2026	Industrial - Forklifts	Aggregate	100	Diesel	0.0031913	0.0038614	0.0045954	0.0561937	0.0367682	8.2758844	0.0017556	0.0016152	7.64189E-05	6.75467E-05	268501.956	313883.31	399.4763952	25865233.48

g/hph

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2.5	Sox	NH3	Fuel_gphr
2024	0.0484571	0.0586331	0.0697782	0.7265422	0.5529269	105.93674	0.0316215	0.0290918	0.000977984	0.000864641	3437000.979
2025	0.044759	0.0541583	0.0644529	0.723372	0.5128443	105.9505	0.0271305	0.0249601	0.000978222	0.000864754	3437447.418
2026	0.0408547	0.0494341	0.0588307	0.7193947	0.470708	105.94828	0.0224757	0.0206777	0.000978319	0.000864736	3437375.338

Phase 1a Forklifts	63
Phase 1b Forklifts	38
Phase 2 Forklifts	31
HP	89
Hours per Day	12
Days per Year	365
1 pound =	453.5924 grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Phase 1a Forklifts	8.70	82.02	107.77	0.15	4.69	4.32	15,714	2,602	0.856
Phase 1b Forklifts	4.85	45.89	64.72	0.09	2.43	2.23	9,480	1,569	0.443
Phase 2 Forklifts	3.61	34.36	52.51	0.07	1.64	1.51	7,733	1,280	0.299

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.1.

Number of forklifts per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024, 2025, 2026

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Category	Model Year	Horsepower Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2.5_tpd	SOx_tpd	NH3_tpd	Fuel Consumption	Total_Activi	Total_Popul	Horsepower_Hours
San Bernarc	2024	Cargo Handling Equipme Aggregate		175 Diesel	0.0033694	0.004077	0.004852	0.2022431	0.0131492	31.238822	0.000545314	0.000501689	0.000288717	0.000254967	1013509.19	302936.45	70.784985	50230292.24
San Bernarc	2024	Cargo Handling Equipme Aggregate		300 Diesel	0.000379	0.0004586	0.0005458	0.007841	0.0014355	3.5547135	5.78061E-05	5.31816E-05	3.28537E-05	2.90131E-05	115328.7653	28578.91	6.6778288	5715782.002
San Bernarc	2025	Cargo Handling Equipme Aggregate		175 Diesel	0.0035297	0.0042709	0.0050828	0.2122202	0.0134795	32.716425	0.000572028	0.000526266	0.000302374	0.000267027	1061448.373	317265.4	73.267648	52606194.89
San Bernarc	2025	Cargo Handling Equipme Aggregate		300 Diesel	0.0004027	0.0004872	0.0005798	0.008252	0.0015058	3.7228522	6.0962E-05	5.6085E-05	3.44075E-05	3.03854E-05	120783.8385	29930.698	6.9120422	5986139.609
San Bernarc	2026	Cargo Handling Equipme Aggregate		175 Diesel	0.0037304	0.0045138	0.0053718	0.2238812	0.0140813	34.433668	0.000604104	0.000555775	0.000318244	0.000281043	1117162.421	333918.25	76.116556	55367425.83
San Bernarc	2026	Cargo Handling Equipme Aggregate		300 Diesel	0.0004261	0.0005156	0.0006136	0.0087021	0.001587	3.9182598	6.43518E-05	5.92037E-05	3.62135E-05	3.19803E-05	127123.6255	31501.722	7.1808072	6300344.314

g/hph

	HC	ROG	TOG	CO	Nox	CO2	PM10	PM2.5	Sox	NH3	Fuel_gphr
2024	0.022212	0.0268766	0.0319853	1.3332265	0.0866822	205.93248	0.003594817	0.003307232	0.001903282	0.001680793	6681252.608
2024	0.0219573	0.0265683	0.0316185	0.4542455	0.0831627	205.93248	0.003348838	0.003080931	0.001903289	0.001680793	6681252.608
2025	0.0222176	0.0268833	0.0319934	1.335813	0.0848464	205.93248	0.00360061	0.003312562	0.001903281	0.001680793	6681252.608
2025	0.022274	0.0269515	0.0320745	0.4564673	0.0832961	205.93248	0.00337216	0.003102387	0.00190328	0.001680793	6681252.608
2026	0.0223101	0.0269952	0.0321265	1.3389343	0.0842142	205.93248	0.003612877	0.003323846	0.001903279	0.001680793	6681252.608
2026	0.0223968	0.0271001	0.0322514	0.457355	0.0834098	205.93248	0.003382146	0.003111574	0.001903276	0.001680793	6681252.608
2024	1.5722792	1.9024579	2.2640821	94.372417	6.1357948	14576.928	0.254459098	0.234102371	0.134723758	0.118974925	472932368
	0.146627	0.1774187	0.2111429	3.033374	0.5553463	1375.1819	0.022362965	0.020573928	0.01270984	0.01122405	44616261.14
	1.7189062	2.0798766	2.475225	97.405791	6.691141	15952.11	0.276822064	0.254676298	0.147433597	0.130198974	517548629.2
	0.0221901	0.02685	0.0319537	1.2574523	0.0863787	205.93248	0.003573612	0.003287723	0.001903282	0.001680793	6681252.608
2025	1.6278324	1.9696772	2.3440787	97.871875	6.2164955	15088.189	0.26380825	0.24270359	0.139448951	0.123147767	489519660.9
	0.1539585	0.1862898	0.2217003	3.1551209	0.5757462	1423.414	0.023308511	0.02144383	0.01315555	0.011617714	46181100.09
	1.7817909	2.155967	2.565779	101.027	6.7922417	16511.603	0.287116761	0.26414742	0.1526045	0.13476548	535700761
	0.0222225	0.0268892	0.0320004	1.2600073	0.0847127	205.93248	0.003580916	0.003294443	0.001903281	0.001680793	6681252.608
2026	1.6981682	2.0547835	2.4453622	101.91507	6.4100959	15674.871	0.274999725	0.252999747	0.144871015	0.127936193	508553940.9
	0.1608269	0.1946006	0.2315908	3.2841784	0.5989497	1478.7615	0.024286539	0.022343616	0.013667058	0.012069452	47976786.88
	1.8589951	2.2493841	2.676953	105.19925	7.0090455	17153.633	0.299286265	0.275343364	0.158538073	0.140005646	556530727.8
	0.0223176	0.0270043	0.0321373	1.2629361	0.0841449	205.93248	0.003592986	0.003305547	0.001903278	0.001680793	6681252.608

Phase 1a Yard Trucks	11
Phase 1b Yard Trucks	7
Phase 2 Yard Trucks	6
HP	190
Hours per Day	12
Days per Year	365
1 pound =	453.5924 grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr	PM10 tons/yr
Phase 1a Yard Trucks	1.48	4.78	69.53	0.11	0.20	0.18	11386.40	1,885	0.036
Phase 1b Yard Trucks	0.95	2.98	44.33	0.07	0.13	0.12	7245.89	1,200	0.023
Phase 2 Yard Trucks	0.81	2.54	38.09	0.06	0.11	0.10	6210.77	1,028	0.020

Based on aggregated emission rates obtained from CARB OFFROAD Version 1.0.1.

Number of yard trucks/hostlers per SCAQMD High Cube Warehouse Truck Trip Study White Paper Summary of Business Survey Results, June 2014.

Model Output: OFFROAD2021 (v1.0.1) Emissions Inventory

Region Type: Sub-Area

Region: San Bernardino (SC)

Calendar Year: 2024, 2025, 2026

Scenario: All Adopted Rules - Exhaust

Vehicle Classification: OFFROAD2021 Equipment Types

Units: tons/day for Emissions, gallons/year for Fuel, hours/year for Activity, Horsepower-hours/year for Horsepower-hours

Region	Calendar Ye	Vehicle Category	Model Year	Horsepov	Fuel	HC_tpd	ROG_tpd	TOG_tpd	CO_tpd	NOx_tpd	CO2_tpd	PM10_tpd	PM2_5_tpd	SOx_tpd	NH3_tpd	Fuel Consun	Total_Activity_h	Total_Populi	Horsepower_h
San Bernard	2024	Transportation Refrigeration Unit - Instate Gen Aggregate		50	Diesel	0.0007554	0.007706	0.0010872	0.0008391	0.007912	1.27	0.0002108	0.0001939	2.103E-06	3.003E-08	43573.82	81753.38	104.61	4087669
San Bernard	2024	Transportation Refrigeration Unit - Instate Trail Aggregate		50	Diesel	0.026786	0.2329544	0.0385631	0.0297566	0.1910643	42.75875	0.0045071	0.0041445	6.713E-05	9.587E-07	1390948.4	1828821.67	1020.72	91441083.5
San Bernard	2024	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.0006201	0.0063419	0.0008929	0.0006901	0.0059298	0.8376	0.0001987	0.0001828	1.44E-06	2.057E-08	29832.09	55199.04	445.05	2759952
San Bernard	2024	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.008641	0.08803	0.012446	0.0096	0.072615	11.86	0.0019308	0.0017771	1.872E-05	2.675E-07	387779.76	511213.93	1879.37	25560696.5
San Bernard	2025	Transportation Refrigeration Unit - Instate Gen Aggregate		50	Diesel	0.0006642	0.0067791	0.0009562	0.0007381	0.0066875	1.13735	0.0001453	0.0001338	1.886E-06	2.695E-08	39085.53	74503.45	95.32	3725172.5
San Bernard	2025	Transportation Refrigeration Unit - Instate Trail Aggregate		50	Diesel	0.0253247	0.222842	0.0364613	0.0281461	0.1778423	41.92013	0.003683	0.0033882	6.576E-05	9.393E-07	1362528.3	1803623.46	1012.24	90181173
San Bernard	2025	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.000506	0.005158	0.0007276	0.0005613	0.0048641	0.73616	0.0001378	0.0001267	1.251E-06	1.787E-08	25920.78	48800.71	393.49	2440035.5
San Bernard	2025	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.0080032	0.081729	0.011527	0.0088901	0.066572	11.24	0.0015398	0.0014179	1.774E-05	2.533E-07	367457.78	487548.96	1792.37	24377448
San Bernard	2026	Transportation Refrigeration Unit - Instate Gen Aggregate		50	Diesel	0.0006129	0.0062535	0.0008826	0.000681	0.005937	1.04	0.0001077	9.907E-05	1.741E-06	2.487E-08	36075.91	69374.17	88.75	3468708.5
San Bernard	2026	Transportation Refrigeration Unit - Instate Trail Aggregate		50	Diesel	0.0242506	0.2056307	0.0349233	0.0269448	0.1845979	41.00801	0.002932	0.002699	6.434E-05	9.177E-07	1333084.9	1775225.22	989.96	88761261
San Bernard	2026	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.0004397	0.0044875	0.0006325	0.0004884	0.0041898	0.64159	0.000105	9.653E-05	1.128E-06	1.611E-08	23362.88	44468.92	358.55	2223446
San Bernard	2026	Transportation Refrigeration Unit - Out-Of-Stat Aggregate		50	Diesel	0.0076604	0.078243	0.0110337	0.0085131	0.062662	10.88	0.0012259	0.0011282	3.795E-08	2.456E-07	356229.55	475444.91	1747.87	23772245.5

			HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
Annual TRU Hours per Truck	730.84		2024	0.0611924	0.6242365	0.0880703	0.0679726	0.6409239	102.87833	0.0170746	0.0157088	2.433E-06	3529765.2
Daily Hours per Truck	2.00		2024	0.0969978	0.8435784	0.1396454	0.1077549	0.6918853	154.83871	0.0163211	0.0150081	0.0002431	3.472E-06
			2024	0.0744007	0.7608758	0.1071278	0.0827894	0.7114337	100.4919	0.023843	0.0219347	0.0001727	2.468E-06
			2024	0.1119405	1.1403914	0.1612327	0.1243639	0.9406966	153.64128	0.0250127	0.0230216	0.0002425	3.465E-06
			2025	0.0590394	0.6025895	0.0849968	0.0656056	0.5944472	101.09825	0.0129183	0.0118916	0.0001677	2.395E-06
			2025	0.0929874	0.8182332	0.1338788	0.1033471	0.6530029	153.92269	0.0135233	0.0124409	0.0002415	3.449E-06
			2025	0.0686646	0.6999727	0.0987344	0.0761746	0.6600886	99.901493	0.0187049	0.0171934	0.0001698	2.424E-06
			2025	0.1087105	1.1101556	0.1565756	0.1207576	0.9042724	152.67713	0.0209157	0.0192599	0.0002409	3.44E-06
			2026	0.0585045	0.5969683	0.0842543	0.0650045	0.5667547	99.279925	0.0102831	0.0094574	0.0001662	2.374E-06
			2026	0.0904681	0.7671149	0.1302828	0.1005189	0.688651	152.98228	0.0109379	0.0100688	0.00024	3.423E-06
			2026	0.0654751	0.6683036	0.0941954	0.0727323	0.6239684	95.549167	0.01563	0.0143761	0.0001679	2.399E-06
			2026	0.1067031	1.0898612	0.1536904	0.1185805	0.8728306	151.54953	0.0170758	0.0157149	5.287E-07	3.421E-06

			Weighting										
			HC	ROG	TOG	CO	Nox	CO2	PM10	PM2_5	Sox	NH3	Fuel_gphr
			2024	6.4013322	65.301385	9.2130373	7.1106141	67.047049	10762.102	1.78617	1.6432967	0.0178209	0.0002545
			2024	99.00764	861.05736	142.5388	109.9876	706.22114	158046.97	16.659292	15.319111	0.2481402	0.0035437
			2024	33.112039	338.62777	47.677214	36.84544	316.62356	44723.919	10.611305	9.7620525	0.0768759	0.0010983
			2024	210.37761	2143.2173	303.01582	233.72585	1767.9169	288748.81	47.008111	43.266063	0.4556636	0.0065115
				348.89862	3408.2039	502.44488	387.66951	2857.8087	502281.8	76.064878	69.990523	0.7985006	0.0114079
				0.1011374	0.9879568	0.1456468	0.1123761	0.8284104	145.59948	0.0220494	0.0202886	0.0002315	3.307E-06
			2025	5.6276345	57.438831	8.1018991	6.2535298	56.662711	9636.6854	1.2313707	1.1335084	0.015983	0.0002283
			2025	94.125616	828.24833	135.51752	104.6121	660.99563	155806.7	13.6888	12.593172	0.2444185	0.0034912
			2025	27.018847	275.43226	38.851007	29.97395	259.73828	39310.238	7.3602035	6.765445	0.0668001	0.000954
			2025	194.84937	1989.8096	280.64133	216.44222	1620.7907	273653.9	37.488637	34.520807	0.431784	0.006166
				321.62147	3150.929	463.11175	357.2818	2598.1873	478407.53	59.769012	55.012932	0.7589855	0.0108394
				0.0976558	0.9567346	0.1406173	0.1084835	0.7889025	145.26162	0.018148	0.0167039	0.0002305	3.291E-06
			2026	5.1922756	52.980935	7.4775683	5.7691481	50.299482	8811.0934	0.9126259	0.8393414	0.0147511	0.0002107
			2026	89.559763	759.41303	128.97476	99.509654	681.73693	151446.34	10.828098	9.9677147	0.2376145	0.0033891
			2026	23.476109	239.62025	33.773773	26.078158	223.72388	34259.154	5.6041502	5.1545452	0.0602065	0.0008602
			2026	186.50319	1904.9357	268.63092	207.26337	1525.5944	264888.88	29.846257	27.467613	0.000924	0.00598
				304.73134	2956.9499	438.85703	338.62033	2481.3547	459405.47	47.191131	43.429214	0.3134961	0.0104399
				0.0956731	0.9283608	0.1377831	0.1063129	0.7790435	144.23445	0.0148161	0.013635	9.842E-05	3.278E-06

Phase 1a Trucks	229
Phase 1b Trucks	137
Phase 2 Trucks	185
TRU HP	50
Onsite Idling Time	0.25 hours
Total Idling Time	2.00 hours
1 pound =	453.5924 grams

Emissions Source	ROG	NOX	CO	SO2	PM10	PM2.5	CO2	MT/yr
Phase 1a Transport Refrigeration Units	49.94	41.87	5.68	0.01	1.11	1.03	7359.15	1,218
Phase 1b Transport Refrigeration Units	28.93	23.85	3.28	0.01	0.55	0.51	4392.42	727
Phase 2 Transport Refrigeration Units	37.91	31.81	4.34	0.00	0.60	0.56	5889.43	975

Onsite Emissions						
Phase 1a	6.23	5.23	0.71	0.00	0.14	0.13
Phase 1b	3.61	2.98	0.41	0.00	0.07	0.06
Phase 2	4.73	3.97	0.54	0.00	0.08	0.07

Based on aggregated TRU emission rates obtained from CARB OFFROAD Version 1.0.1.
TRU time from CARB OFFROAD for San Bernardino County.

Emergency Backup Generator Emissions

	Fuel Type	Quantity	HP	LF	Hours/Year per Unit	Hours per Day	HP-hr per day	Total hp-hr per year
Phase 1a								
Standard Generator	Diesel	2	750	0.74	50	1	1,500	75,000
Cold Storage Generator	Diesel	1	3,634	0.74	50	1	3,634	181,700
Phase 1b								
Standard Generator	Diesel	2	750	0.74	50	1	1,500	75,000
Phase 2								
Standard Generator	Diesel	1	750	0.74	50	1	750	37,500
Cold Storage Generator	Diesel	1	3,634	0.74	50	1	3,634	181,700

Emissions Rates (g/hp-hr)

	HC	ROG	TOG	CO	NO _x	CO ₂	PM ₁₀	PM _{2.5}	PM	SO _x
Standard Warehouse	0.14	1.0205827	1.1249089	2.6	2.85	521.63114	0.15	0.15	0.15	0.00494
Cold Storage	0.02	0.02	1.1249089	0.45	3.79	518	0.05	0.05	0.05	0.006

From CalEEMod Guide Appenix D, Table 12.1 and updated with Tier 4 Standards (CARB 2017 Off-Road Diesel Emission Factor Update for NOx and PM)

Emissions (pounds/day)

	HC	ROG	TOG	CO	NO _x	CO ₂	PM ₁₀	PM _{2.5}	PM	SO _x
Phase 1a										
Standard Warehouse	0.46	3.38	3.72	8.60	9.42	1725.00	0.50	0.50	0.50	0.02
Cold Storage	0.16	0.16	9.01	3.61	30.36	4150.01	0.40	0.40	0.40	0.05
Total	0.62	3.54	12.73	12.20	39.79	5875.01	0.90	0.90	0.90	0.06
Phase 1b										
Standard Generator	0.46	3.38	3.72	8.60	9.42	1725.00	0.50	0.50	0.50	0.02
Phase 2										
Standard Generator	0.23	1.69	1.86	4.30	4.71	862.50	0.25	0.25	0.25	0.01
Cold Storage Generator	0.16	0.16	9.01	3.61	30.36	4150.01	0.40	0.40	0.40	0.05
Total	0.39	1.85	10.87	7.90	35.08	5012.51	0.65	0.65	0.65	0.06
Total (lbs/day, all phases)	1.48	8.76	27.32	28.71	84.29	12612.52	2.04	2.04	2.04	0.14

Emissions (tons/year)

	HC	ROG	TOG	CO	NO _x	CO ₂	PM ₁₀	PM _{2.5}	PM	SO _x
Phase 1a										
Standard Warehouse	0.01	0.08	0.09	0.21	0.24	43.12	0.01	0.01	0.01	0.00
Cold Storage	0.00	0.00	0.23	0.09	0.76	103.75	0.01	0.01	0.01	0.00
Total	0.02	0.09	0.32	0.31	0.99	146.88	0.02	0.02	0.02	0.00
Phase 1b										
Standard Generator	0.01	0.08	0.09	0.21	0.24	43.12	0.01	0.01	0.01	0.00
Phase 2										
Standard Generator	0.01	0.04	0.05	0.11	0.12	21.56	0.01	0.01	0.01	0.00
Cold Storage Generator	0.00	0.00	0.23	0.09	0.76	103.75	0.01	0.01	0.01	0.00
Total	0.01	0.05	0.27	0.20	0.88	125.31	0.02	0.02	0.02	0.00
Total (tons/yr, all phases)	0.04	0.22	0.68	0.72	2.11	315.31	0.05	0.05	0.05	0.00

GHG Emissions (metric tons)

	CO ₂
Phase 1a	133.24
Phase 1b	39.12
Phase 2	286.05

Electric Equipment Emissions

Equipment	Number of Equipment ¹	Hours per Day ¹	Days per Year ¹	Equipment Size ² (hp)	Equipment Size (kW)	Load Factor ²	SCE electricity emission factor ³ (MT CO ₂ e/MWh)	Emissions (MT CO ₂ e/year)
Phase 1a (2024)								
Forklift	63	12	365	89	66.4	0.20	0.156	572.8
Yard Truck	11	12	365	190	141.7	0.44	0.156	469.7
Phase 1b (2025)								
Forklift	38	12	365	89	66.4	0.20	0.152	335.8
Yard Truck	7	12	365	190	141.7	0.44	0.152	290.5
Phase 2 (2026)								
Forklift	31	12	365	89	66.4	0.20	0.148	266.1
Yard Truck	6	12	365	190	141.7	0.44	0.148	241.9

Notes:

¹ Project-specific data.

² Equipment size and load factors based on CalEEMod Appendix D, Table 3.3

³ CO₂e intensity factor for SCE accounts for the projected RPS improvements consistent with SB 100.

Conversion Factors:

0.7457 kW/hp
1000 kW/MW