Appendix F

Energy Consumption Calculations

Port Hueneme General Plan

Populate one of the following tables (Leave the other blank):

Annual VMT	OR	Daily Vehicle Trips
2030 Annual VMT: 123,403,464		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.616078	Passenger Vehicles	24.4
Light Duty Truck 1 (LDT1)	0.037861	Light-Med Duty Trucks	17.9
Light Duty Truck 2 (LDT2)	0.187107	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.094236	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.011211		
Light Heavy Duty 2 (LHD2)	0.005405		
Medium Heavy Duty (MHD)	0.021632		
Heavy Heavy Duty (HHD)	0.019316		
Other Bus (OBUS)	0.001249		
Urban Bus (UBUS)	0.001167		
Motorcycle (MCY)	0.003592		
School Bus (SBUS)	0.000450		
Motorhome (MH)	0.000696		

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	61.61%	Gasoline	76,026,159	0.00	3,115,826
Light-Medium Duty Trucks	31.92%	Gasoline	39,390,879	0.00	2,200,608
Heavy Trucks/Other	6.11%	Diesel	7,543,160	0.00	1,005,755
Motorcycle	0.36%	Gasoline	443,265	0.00	10,074

Total Gasoline Consumption (gallons)	5,326,508
Total Diesel Consumption (gallons)	1,005,755

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2019. National Transportation Statistics 2019. Available at: https://www.bts.gov/topics/national-transportation-statistics.

Port Hueneme General Plan

Populate one of the following tables (Leave the other blank):		
Annual VMT	**OR**	**Daily Vehicle Trips**
2045 Annual VMT: 119,685,823		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.616078	Passenger Vehicles	24.4
Light Duty Truck 1 (LDT1)	0.037861	Light-Med Duty Trucks	17.9
Light Duty Truck 2 (LDT2)	0.187107	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.094236	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.011211		
Light Heavy Duty 2 (LHD2)	0.005405		
Medium Heavy Duty (MHD)	0.021632		
Heavy Heavy Duty (HHD)	0.019316		
Other Bus (OBUS)	0.001249		
Urban Bus (UBUS)	0.001167		
Motorcycle (MCY)	0.003592		
School Bus (SBUS)	0.000450		
Motorhome (MH)	0.000696		

Fleet Mix					
Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	*61.61%*	*Gasoline*	73,735,802	0.00	3,021,959
Light-Medium Duty Trucks	*31.92%*	*Gasoline*	38,204,193	0.00	2,134,312
Heavy Trucks/Other	*6.11%*	*Diesel*	7,315,916	0.00	975,455
Motorcycle	*0.36%*	*Gasoline*	429,911	0.00	9,771

Total Gasoline Consumption (gallons)	**5,166,042**
Total Diesel Consumption (gallons)	**975,455**

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2019. National Transportation Statistics 2019. Available at: https://www.bts.gov/topics/national-transportation-statistics.