

Appendix D

Energy Calculations

200 Portage Avenue

Last Updated: 7/11/22

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

Annual VMT	OR	Daily Vehicle Trips
Annual VMT: 1,351,120		Daily Vehicle Trips: Average Trip Distance:

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.553342	Passenger Vehicles	24.1
Light Duty Truck 1 (LDT1)	0.058522	Light-Med Duty Trucks	17.6
Light Duty Truck 2 (LDT2)	0.188738	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.121080	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.023016		
Light Heavy Duty 2 (LHD2)	0.005623		
Medium Heavy Duty (MHD)	0.010412		
Heavy Heavy Duty (HHD)	0.007562		
Other Bus (OBUS)	0.000987		
Urban Bus (UBUS)	0.000568		
Motorcycle (MCY)	0.026444		
School Bus (SBUS)	0.000834		
Motorhome (MH)	0.002872		

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT:		Fuel Consumption
			VMT	Vehicle Trips: VMT	(Gallons)
Passenger Vehicles	55.33%	Gasoline	747,631	0.00	31,022
Light-Medium Duty Trucks	36.83%	Gasoline	497,672	0.00	28,277
Heavy Trucks/Other	5.19%	Diesel	70,088	0.00	9,345
Motorcycle	2.64%	Gasoline	35,729	0.00	812

Total Gasoline Consumption (gallons)	60,111
Total Diesel Consumption (gallons)	9,345

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: <https://www.bts.gov/topics/national-transportation-statistics>.