

**VEHICLE REPLACEMENT COMPARISON ANALYSIS**

Unit #	Current Vehicle Type	Department	Function	2016 Ford Fusion (POU)	2016 Toyota Camry (2559)
V5655	Chevrolet Trailblazer	FIR010103-D	Emergency Management	\$22,395.00	\$23,387.00
V6199	Dodge Durango	FIR010501-D	Support Services	\$22,395.00	\$23,387.00
V5313	Chevrolet Malibu	FIR010404-D	High Rise & Sprinkler	\$22,395.00	\$23,387.00
V5501	Jeep Cherokee	FIR010301-D	EMS Administration	\$22,395.00	\$23,387.00
V5522	Chevrolet Impala	FIR010301-D	EMS Administration	\$22,395.00	\$23,387.00
<b>Capital Cost</b>				<b>\$111,975.00</b>	<b>\$116,935.00</b>

Unit #	Years in Service	Department	Projected Miles driven per year	2016 Ford Fusion (POU)			
				Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)
V5655	9.82	FIR010103-D	22,257.0	42.0	5,203.9	102,204.6	\$16,705
V6199	7.72	FIR010501-D	13,858.0	42.0	2,547.2	50,027.6	\$8,177
V5313	11.81	FIR010404-D	9,836.0	42.0	2,765.8	54,320.1	\$8,878
V5501	10.72	FIR010301-D	10,566.0	42.0	2,696.8	52,966.0	\$8,657
V5522	10.6	FIR010301-D	16,348.0	42.0	4,125.9	81,033.1	\$13,244
<b>Projected Total</b>					<b>17,339.7</b>	<b>340,551.5</b>	<b>\$55,660</b>

Unit #	Years in Service	Department	Projected Miles driven per year	2016 Toyota Camry (2559)			
				Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)
V5655	9.82	FIR010103-D	22,257.0	41.0	5,330.8	104,697.4	\$17,112
V6199	7.72	FIR010501-D	13,858.0	41.0	2,609.4	51,247.8	\$8,376
V5313	11.81	FIR010404-D	9,836.0	41.0	2,833.2	55,645.0	\$9,095
V5501	10.72	FIR010301-D	10,566.0	41.0	2,762.6	54,257.9	\$8,868
V5522	10.6	FIR010301-D	16,348.0	41.0	4,226.6	83,009.6	\$13,567
<b>Projected Total</b>					<b>17,762.6</b>	<b>348,857.6</b>	<b>\$57,018</b>

	2016 Ford Fusion (POU)	2016 Toyota Camry (2559)
Capital Cost	\$111,975	\$116,935
Projected Lifecycle Fuel Cost	\$55,660	\$57,018
<b>Total</b>	<b>\$167,635</b>	<b>\$173,953</b>

Description	2016 Ford Fusion (POU)
Base	\$22,395.00
Power Windows	Included
<b>Total</b>	<b>\$22,395.00</b>

Description	2016 Toyota Camry (2559)
Base	\$23,387.00
Power Windows	Included
<b>Total</b>	<b>\$23,387.00</b>