

**VEHICLE REPLACEMENT COMPARISON ANALYSIS**

Unit #	Current Vehicle Type	Department	2016 Nissan Frontier (32116) 4-door crew cab	2016 Chevrolet Colorado (12M43) 4-door crew cab
V5312	Chevrolet Malibu	FIR010404-D - HIGH RISE & SPRINKLER	\$24,121.00	\$26,002.00
V5314	Chevrolet Malibu	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5484	Chevrolet Cobalt	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5486	Chevrolet Cobalt	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5883	Chevrolet Cobalt	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5476	Chevrolet Cobalt	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5315	Chevrolet Malibu	FIR010402-D - FIRE SAFETY INSPECTIONS	\$24,121.00	\$26,002.00
V5778	Ford F150	FIR010403-D-FIRE PLANS REVIEW	\$24,121.00	\$26,002.00
<b>Capital Cost</b>			<b>\$192,968.00</b>	<b>\$208,016.00</b>

2016 Nissan Frontier (32116) 4-door crew cab							
Unit #	Years in Service	Average Miles driven per year	Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emmission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)	
V5312	11.5	6,210.0	19.0	3,758.7	73,820.6	\$12,065	
V5314	11.5	7,590.0	19.0	4,593.9	90,225.1	\$14,747	
V5484	10.5	10,368.0	19.0	5,729.7	112,531.0	\$18,392	
V5486	10.5	10,957.0	19.0	6,055.2	118,923.8	\$19,437	
V5883	8.7	9,990.0	19.0	4,574.4	89,840.6	\$14,684	
V5476	10.5	1,873.0	19.0	1,035.1	20,329.0	\$3,323	
V5315	11.5	6,806.0	19.0	4,119.4	80,905.4	\$13,223	
V5778	9.3	15,262.0	19.0	7,470.3	146,717.6	\$23,980	
<b>Projected Total</b>				<b>37,336.7</b>	<b>733,293.1</b>	<b>\$119,851</b>	

2016 Chevrolet Colorado (12M43) 4-door crew cab							
Unit #	Years in Service	Average Miles driven per year	Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emmission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)	
V5312	11.5	6,210.0	22.0	3,246.1	63,754.1	\$10,420	
V5314	11.5	7,590.0	22.0	3,967.5	77,921.7	\$12,736	
V5484	10.5	10,368.0	22.0	4,948.4	97,185.9	\$15,884	
V5486	10.5	10,957.0	22.0	5,229.5	102,706.9	\$16,787	
V5883	8.7	9,990.0	22.0	3,950.6	77,589.6	\$12,681	
V5476	10.5	1,873.0	22.0	893.9	17,556.8	\$2,870	
V5315	11.5	6,806.0	22.0	3,557.7	69,872.9	\$11,420	
V5778	9.3	15,262.0	22.0	6,451.7	126,710.7	\$20,710	
<b>Projected Total</b>				<b>32,245.3</b>	<b>633,298.6</b>	<b>\$103,508</b>	

	2016 Nissan Frontier (32116) 4-door crew cab	2016 Chevrolet Colorado (12M43) 4-door crew cab
Capital Cost	\$192,968	\$208,016
Projected Lifecycle Fuel Cost	\$119,851	\$103,508
<b>Total</b>	<b>\$312,819</b>	<b>\$311,524</b>

Description	2016 Nissan Frontier (32116) 4-door crew cab
Base	\$18,978.00
Power Windows	\$2,710.00
Floor mats	\$139.00
Back-up camera	\$799.00
Fiberglass Tonneau Cover	\$1,495.00
<b>Total</b>	<b>\$24,121.00</b>

Description	2016 Chevrolet Colorado (12M43) 4-door crew cab
Base	\$24,248.00
Power Windows	Included
Floor mats	\$159.00
Back-up camera	Included
Fiberglass Tonneau Cover	\$1,595.00
<b>Total</b>	<b>\$26,002.00</b>

**VEHICLE REPLACEMENT COMPARISON ANALYSIS**

Unit #	Current Vehicle Type	Department	2016 Dodge Charger RWD (LDDE48) Full-Size Sedan	2016 Ford Interceptor (P2L) Full-Size Sedan
V5962	Dodge Durango	FIR010401-D - FIRE PREVENTION ADMIN.	\$21,569.00	\$22,298.00
V6397	Chevrolet Impala	FIR010401-D - FIRE PREVENTION ADMIN.	\$21,569.00	\$22,298.00
V5323	Ford Crown Victoria	FIR010101-D - EMS ADMINISTRATION	\$21,569.00	\$22,298.00
V6197	Ford Crown Victoria	FIR010101-D - FIRE RESCUE ADMINISTRATION	\$21,569.00	\$22,298.00
<b>Capital Cost</b>			<b>\$86,276.00</b>	<b>\$89,192.00</b>

2016 Dodge Charger RWD (LDDE48) Full-Size Sedan						
Unit #	Years in Service	Average Miles driven per year	Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)
V5962	8.5	4,670.0	23.0	1,717.7	33,736.6	\$5,514
V6397	6.6	6,713.0	23.0	1,914.7	37,604.0	\$6,146
V5323	11.5	9,208.0	23.0	4,604.0	90,422.6	\$14,779
V6197	7.6	8,823.0	23.0	2,903.9	57,032.9	\$9,322
<b>Projected Total</b>				<b>11,140.3</b>	<b>218,796.1</b>	<b>\$35,760</b>

2016 Ford Interceptor (P2L) Full-Size Sedan						
Unit #	Years in Service	Average Miles driven per year	Miles per gallon (Combined)	Projected Lifecycle gallon Consumption	Projected Lifecycle CO2 Emission (LBS)	Projected Lifecycle Fuel Cost (calculated at \$3.21 per gallon)
V5962	8.5	4,670.0	23.0	1,717.7	33,736.6	\$5,514
V6397	6.6	6,713.0	23.0	1,914.7	37,604.0	\$6,146
V5323	11.5	9,208.0	23.0	4,604.0	90,422.6	\$14,779
V6197	7.6	8,823.0	23.0	2,903.9	57,032.9	\$9,322
<b>Projected Total</b>				<b>11,140.3</b>	<b>218,796.1</b>	<b>\$35,760</b>

	2016 Dodge Charger RWD (LDDE48) Full-Size Sedan	2016 Ford Interceptor (P2L) Full-Size Sedan
Capital Cost	\$86,276	\$89,192
Projected Lifecycle Fuel Cost	\$35,760	\$35,760
<b>Total</b>	<b>\$122,036</b>	<b>\$124,952</b>

Description	2016 Dodge Charger RWD (LDDE48) Full-Size Sedan
Base	\$21,569.00
<b>Total</b>	<b>\$21,569.00</b>

Description	2016 Ford Interceptor (P2L) Full-Size Sedan
Base	\$22,298.00
<b>Total</b>	<b>\$22,298.00</b>