



CITY OF RIALTO
PUBLIC WORKS DEPARTMENT
Memorandum

DATE: 5/18/2021

TO: Sean Grayson, Acting City Manager

FROM: Michael Tahan, Interim Public Works Director
 Tony Brandyberry, Public Works Superintendent
 Mike Orona, Fleet Service Coordinator

RE: **CITYWIDE FLEET ASSESSMENT**

As per your request, attached please find the Citywide Fleet Assessment study gathered by the Public Works Department, excluding Fire and Police. The assessment was conducted by meeting with each department between November 2020 and February 2021 to understand their vehicle type needs and number of vehicles. Additionally, staff received feedback from the Economic Development Committee on February 24, 2021 and incorporated the recommendations to complete the assessment.

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Memorandum

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Proposed Fleet Replacement Summary
(excluding Fire & Police)

Attachment 1

Fiscal Year 2022		Hybrid Vehicle Options													
Department / Divisions	Ford Escape	Ford Explorer	Ford Escape	Ford Explorer	Ford Expedition	Ford Ranger	Ford F150	Ford F150 Crew-Cab	Ford F250 Service Body	Ford F350 Crew Cab Service Body	Ford Chassis Ambulance	Special Vehicles	Ford Transit Van	Ford Cargo Van	Department Totals
Administration	3														3
City Clerk's Office	2					2									4
Finance	1														1
Purchasing															0
ITS Department	1														1
Utilities	1														1
Community Development	1					1		1							3
Community Services	1					1		1					1		4
Human Resources	1														1
Public Works (Administration)	1					1									2
Public Works (Director vehicle)	1														1
Public Works (Engineering)	2					5									7
Public Works (Maintenance)	1														1
Street Maintenance	1					1		1	1			2			6
Traffic Safety									3	1					4
Park Maintenance	1					1			2			2			6
Facility Maintenance									6						6
Fleet Maintenance															0
Storm Water															0
Fire Department															0
Police Department															0
	18	0	0	0	0	12	0	3	12	1	0	4	1	0	51

Out of these 60 vehicles, 18 hybrid and 9 Chevy Bolt electric vehicles were selected when applicable. In an attempt to reduce the City's carbon footprint, smaller engines, trucks, and equipment was selected.

The current City wide Fleet size is 256 vehicles consisting of 21 Hybrid (gas/electric) vehicles, this is equal to 8.2% of our current Fleet being alternative fuel/hybrid vehicles.

The current Fleet size, excluding Fire and Police, is 86 vehicles consisting of 7 Hybrid (gas/electric) vehicles. This represents 8.19% of our current Fleet being alternative fuel/hybrid vehicles.

Direction was to target 20% percent of the Fleet to alternative fuel. Under the proposed Fleet Replacement Plan we will exceed the target goal and reach 27% of our current fleet becoming alternative fuel by year 3.

Fiscal Year 2022: 26.73% Alternative Fuel Fleet Compliance The proposed Fleet Replacement Plan would increase the Fleet size from its current 86 vehicles to 101 vehicles, excluding Fire and Police's Fleet. The Plan consist of adding 60 vehicles and surplusng/retiring 58 vehicles. 27 of these vehicles are alternative fuel vehicles, 15 Gas/Electric Hybrid and 9 Full Electric.

Fiscal Year 2023: 27% Alternative Fuel Fleet Compliance The proposed Fleet Replacement Plan would decrease the Fleet size from its current 101 vehicles to 100 vehicles, excluding Fire and Police's Fleet. The Plan consist of adding 122 vehicles and surplusng/retiring 13 vehicles. None of these vehicles are alternative fuel vehicles.

Fiscal Year 2024: 27% Alternative Fuel Fleet Compliance The proposed Fleet Replacement Plan would have no impact on the Fleet size, from its current 100 vehicles, excluding Fire and Police's Fleet. The Plan consist of adding 4 vehicles and surplusng/retiring 4 vehicles. None of these vehicles are alternative fuel vehicles.

Proposed 3-Year Replacement Summary detailed breakdown is available on page 2.

Vehicles	47
Special Vehicles	4
Subtotal	51
Electric Vehicles (Grant)	9
GRAND TOTAL	60

Pool Vehicles
2022 Chevy Bolt Electric Vehicle (Grant)
Yes-1
Yes-1
Yes-1
Yes-1
Yes- 1
Yes-1
Yes-1
Yes-2
9

2022 Chevy Bolt Electric Vehicle Carpool Locations
3- Fleet Maintenance
2- Public Works Office
1- Human Resources
1- City Administration/ Finance
1- Purchasing/ ITS

FORD ESCAPE HYBRID VEHICLE WARRANTY

Three years or 36,000 miles for bumper-to-bumper and five years or 60,000 miles for powertrain and roadside assistance. Hybrid and electric system components and batteries are covered for eight years and 100,000 miles.

SPECIAL VEHICLES

Streets Maintenance: (2) Ford F350 Dump Body Vehicles (M055 & M053)
Park Maintenance: Ford F350 Dump Body (A045)
55' Lift Bucket Truck (TM002)

DIRECTORS VEHICLES COST EVALUATION AND PROPOSAL						
2021 Ford Escape Hybrid	Cost per Vehicle/Director	Director Vehicles	Monthly Payment	Annual Cost	Maintenance Cost	Fuel Cost
Purchase (5 Year Life Term)	\$ 27,698.00	8	\$ -	\$ 221,584.00 *	TBD	TBD
Lease	\$ 25,476.00	8	\$ 459.39	\$ 44,101.44	TBD	TBD
Proposed Allowance	\$ 6,000.00	8	\$ 500.00	\$ 48,000.00	N/A	N/A

- Notes:
- The total number of Director vehicles may increase to 10 for additional management staff at Public Works Engineering and Community Development.
 - Monthly allowance amount is for proposed budgetary comparison purposes.
 - Vehicle purchase pricing provided by local Ford vendor. Lease pricing provided by Enterprise. All pricing is subject to change.

* One time purchase price

Proposed Fleet Replacement Cost Summary by Department
(excluding Fire & Police)

Lease Cost per Vehicle	\$459.39	\$435.08	\$606.06	\$606.06	\$579.64	\$750.46	N/A	\$474.01				
Purchase Cost per Vehicle	\$27,698.00	\$28,000.00	\$35,000.00	\$38,000.00	\$49,000.00	\$43,494.69*	N/A	\$41,000.00				
Fiscal Year 2022												
Department / Divisions	Ford Escape Hybrid	Ford Ranger	Ford F150 Crew-Cab 2wd	Ford F150 Crew-Cab 4wd	Ford F250 Service Body	Ford F350 Crew Cab Service Body	Special Vehicles	Ford Transit Van	Department Totals	Total Lease Cost by Department (Monthly)	Total Lease Cost by Department (Annual)	Total Purchase Cost by Department
Administration	3								3	\$ 1,378.17	\$ 16,538.04	\$ 83,094.00
City Clerk's Office	2	2							4	\$ 1,788.94	\$ 21,467.28	\$ 111,396.00
Finance	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Purchasing									0		\$ -	
ITS Department	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Utilities	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Community Development	1	1	1						3	\$ 1,500.53	\$ 18,006.36	\$ 90,698.00
Community Services	1	1	1					1	4	\$ 1,974.54	\$ 23,694.48	\$ 131,698.00
Human Resources	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Public Works (Administration)	1	1							2	\$ 894.47	\$ 10,733.64	\$ 55,698.00
Public Works (Director vehicle)	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Public Works (Engineering)	2	5							7	\$ 3,094.18	\$ 37,130.16	\$ 195,396.00
Public Works (Maintenance)	1								1	\$ 459.39	\$ 5,512.68	\$ 27,698.00
Street Maintenance	1	1		1	1		2		6	\$ 2,080.17	\$ 24,962.04	\$ 142,698.00
Traffic Safety					3	1			4	\$ 2,489.38	\$ 29,872.56	\$ 190,494.69
Park Maintenance	1	1			2		2		6	\$ 2,053.75	\$ 24,645.00	\$ 153,698.00
Facility Maintenance					6				6	\$ 3,477.84	\$ 41,734.08	\$ 294,000.00
Fleet Maintenance									0		\$ -	
Storm Water									0		\$ -	
Fire Department									0		\$ -	
Police Department									0		\$ -	
	18	12	2	1	12	1	4	1	51	\$ 23,488.31	\$ 281,859.72	\$ 1,615,058.69
Out of these 60 vehicles, 18 hybrid and 9 Chevy Bolt electric vehicles were selected when applicable. In an attempt to reduce the City's carbon footprint, smaller engines, trucks, and equipment was selected.										Not including special vehicles	Not including special vehicles	
										Vehicles	47	
										Special Vehicles	4	
										Subtotal	51	
										Electric Vehicles (Grant)	9	
										GRAND TOTAL	60	

Proposed 9-Year Replacement Summary (Excluding Fire & Police)

FY 2022	PREVIOUS YEAR MAINTENANCE COST	ESTIMATED SURPLUS BASELINE VALUE	FY 2023	PREVIOUS YEAR MAINTENANCE COST	ESTIMATED SURPLUS BASELINE VALUE	FY 2024	PREVIOUS YEAR MAINTENANCE COST	ESTIMATED SURPLUS BASELINE VALUE	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030
UNIT#	01-01-2020 through 01-01-2021	ESTIMATED VAULES NOT INCLUDING SURPLUS / AUCTION FEE'S.	UNIT #	01-01-2020 through 01-01-2021	ESTIMATED VAULES NOT INCLUDING SURPLUS / AUCTION FEE'S.	UNIT#	01-01-2020 through 01-01-2021	ESTIMATED VAULES NOT INCLUDING SURPLUS / AUCTION FEE'S.	UNIT#	UNIT#	UNIT#	UNIT#	UNIT#	UNIT#
H019	\$950.30	\$3,500.00	E012	\$1,083.30	\$1,000.00	M063	\$229.50	T.B.D	H021	B014	M069			
H017	\$740.38	T.B.D.								B015				
H020	\$2,540.83	T.B.D.	H024	\$2,646.90	\$3,500.00	N013	\$114.89	T.B.D.		B016	P004	N016		
											P005			
H001	\$1,168.72	\$3,500.00	A039	\$989.00	T.B.D	J021	\$617.63	T.B.D.	1 QUALIFYING VEHICLES	4 QUALIFYING VEHICLES	3 QUALIFYING VEHICLES	1 QUALIFYING VEHICLES	0 QUALIFYING VEHICLES	0 QUALIFYING VEHICLES
H003	\$1,008.57	\$3,500.00	A052	\$1,648.77	\$4,000.00	J022	\$0.00	T.B.D.						
H002	\$0.00	\$1,000.00	A049	\$2,842.92	T.B.D									
H010	\$645.97		A050	\$313.26	\$3,500.00	H011		T.B.D						
			A053	\$772.79	\$4,000.00									
H023 (R)	\$0.00	\$1,000.00				4 QUALIFYING VEHICLES	\$962.02 MAINTENANCE COST	\$0.00 SURPLUS VALUE						
D006 (R)	\$1,615.63	\$3,000.00	G008	\$1,529.37	\$4,000.00									
			G009	\$103.57	\$3,500.00									
E018	\$2,734.49	\$3,500.00												
B005 (R)	\$1,469.64	\$1,000.00	M061	\$1,002.38	\$3,500.00									
B007 (R)	\$321.01	\$1,000.00	M062	\$3,282.39	T.B.D.									
B012	\$234.00	\$4,500.00	M066	\$1,773.02	\$3,500.00									
B013	\$0.00	\$3,500.00												
			J021	\$617.63	T.B.D.									
N009	\$1,466.90	\$4,000.00	J022	\$0.00	T.B.D.									
N011	\$1,009.58	\$4,000.00												
N012	\$2,015.26	\$5,500.00	N015	\$14,864.51	T.B.D									
N014	\$118.50	\$4,000.00	SW002											
P027	\$974.84	\$1,000.00												
P002	\$1,451.93	T.B.D.	13 QUALIFYING VEHICLES	\$33,469.81 MAINTENANCE COST	\$30,500.00 SURPLUS VALUE									
B006	\$186.02	\$1,000.00												
P003	\$1,997.65	\$1,000.00												
E012	\$1,083.30	\$1,000.00												
E014	\$1,240.17	\$2,000.00												
E022	\$1,884.08	\$2,500.00												
E021 (R)	\$421.22	\$1,500.00												
E017	\$4,829.32	\$3,500.00												
WM005	\$877.97	\$1,000.00												
M058	\$721.12	\$6,000.00												
M055	\$488.14	\$5,000.00												
M059	\$5,857.78	\$7,500.00												
M064	\$3,413.32	\$3,500.00												
M053	\$2,247.06	\$3,500.00												
P001	\$178.54	\$3,500.00												
A044	\$1,827.59	T.B.D.												
A045	\$2,409.44	\$5,000.00												
A048	\$3,145.56	\$3,500.00												
A041	\$1,525.38	\$3,500.00												
A051	\$1,688.83	\$3,500.00												
TM002	\$4,912.14	T.B.D.												
J023	\$1,299.37	\$1,000.00												
J024	\$2,118.64	\$3,500.00												
J017	\$3,667.25	\$5,500.00												
38 QUALIFYING VEHICLES	\$68,486.44 MAINTENANCE COST	\$115,500.00 SURPLUS VALUE												
5	Retiring (not replacing)													
13	Vehicle Additions													
9	Electric Pool Vehicle													

FY-2021 NOTES

*(R) Retiring vehicle no replacement needed

FY-2023 NOTES

* The 25 proposed potential vehicles idnetified for replacement will be evaluated on an individual basis to verify and cofirm the need for replacement.

*(T.B.D.) To be Determined no price or baseline price value available

* The Surplus values are based on estimated values provided from a baseline value range found on Edmunds vehicles current condition were taken into consideration when

Hybrid Vehicle Options



2021 ESCAPE SE HYBRID
From \$27,605



2020 FUSION HYBRID
From \$28,000



2021 MUSTANG MACH-E
From \$42,895



2020 LINCOLN MKZ HYBRID RESERVE
From \$42,500



2021 ESCAPE SE PLUG-IN HYBRID
From \$32,650



2020 FUSION PLUG-IN HYBRID
From \$35,000



2021 EXPLORER LIMITED
From \$45,005



2021 LINCOLN AVIATOR GRAND TOURING
From \$69,070



2021 FORD F150 XLT HYBRID
From \$47,000 4x4
From \$42,000 4x2



BOLT EV
STARTING AT \$36,620



2022 BOLT EV
ARRIVING SUMMER 2021



2022 BOLT EUV
ARRIVING SUMMER 2021



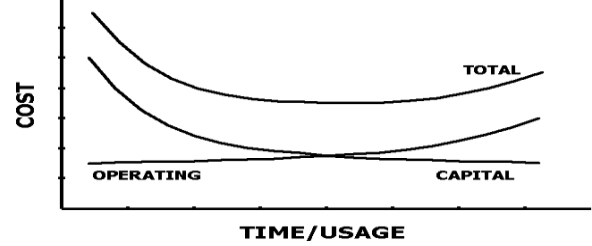
No vehicle line-up available that feature alternative fuel options.

CURRENT FLEET REPLACEMENT CRITERIA



Adopted in July 2006 during the Fleet Analysis Study

ECONOMIC THEORY OF VEHICLE REPLACEMENT



The accepted economic theory of vehicle replacement maintains that vehicle capital costs decline over time while vehicle operating costs will increase. The combination of these two trends will produce a U-shaped total cost curve and a vehicle should be replaced at the flat portion of this curve.

Retaining assets beyond this point leads to the following adverse conditions:

- Increase in total operating costs
- Increase in turnaround time as the complexity of repairs increase
- Decrease in overall asset availability
- Increase in fleet asset failure
- Decrease in salvage value as an asset ages
- Customer satisfaction with the fleet asset will dissipate
- Operator safety is compromised as vehicle components are subject to increased wear and tear

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
		REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107,
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SELECTION PROCESS

The fact that a particular vehicle qualifies for a replacement by meeting an age and/or mileage criteria, does not mean that it should automatically be replaced. Replacement cycles are planning parameters, and as such are predictive criteria used to establish funding requirements.

To confirm a selected vehicle qualifies for replacement, a weighted point system that factors the maintenance and repair costs, reliability, type of use, and vehicle condition must also be used.

Duty Cycle: Hours vs. Miles

There are some applications where vehicles operate at low annual mileage, but the engine is in use throughout the day, making engine hours a more accurate indicator for lifecycle purposes. Fleets with service vehicles may only travel 5,000 to 10,000 miles per year, but their engines are operating significantly more. 1 hour of idle time is equivalent to 25 miles. As a result, Fleet has to take that into account when qualifying a vehicle for replacement.

Sometimes, the trucks that drive the fewest miles have some of the highest maintenance costs. The justification for the higher maintenance cost is a result of engine idle hours. These specialized units are being driven relatively few miles per day, but the engines are running 40, 60, or even 100 hours per week.

PROPOSED FLEET REPLACEMENT CRITERIA



The America Public Works Association APWA

ThThe America Public Works Association APWA rcommends the following general replacement guidelines:

DESCRIPTION	TYPE	REPLACEMENT CRITERIA	
		Criteria 1 REPLACEMENT AGE (Years)	Criteria 2 REPLACEMENT USAGE (Miles)
ADMINISTRATIVE SEDANS	SEDAN	5	75,000-100,000
EMERGENCY SEDAN,FULL SIZE	SEDAN	3-4	85,000-100,000
PICK UP	TRUCK	7	100,000- 120,000
DUMP TRUCKS, DIESEL	TRUCK	7-10	150,000 - 250,000
FIRE TRUCKS	TRUCK	10-20	N/A
BACKHOE, LOADER	EQUIPMENT	7-10	6,000 -7,500 Hours
MOTOR GRADER	EQUIPMENT	7-10	8,000 - 10,000 Hours

Proposed City Fleet Replacement Criteria

NEW PROPOSED REPLACEMENT CRITERIA AND BENCHMARKS BASED ON APWA STANDARDS.

DESCRIPTION		TYPE		REPLACEMENT CRITERIA COMPARISON			
				Criteria 1 (Mercury & Associates)	APWA BENCHMARK PROPOSED REPLACEMENT AGE (Years)	Criteria 2 (Mercury & Associates)	APWA BENCHMARK PROPOSED REPLACEMENT USAGE (Miles)
				REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST	APWA BENCHMARK PROPOSED PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	5	100,000	75,000	The accumulated repair costs reach or exceed 80% of the original purchase price.	The accumulated repair costs reach or exceed 50% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	5	100,000	75,000		
WAGON,INTERMEDIATE	SEDAN	8	5	100,000	75,000		
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	5	125,000	75,000		
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	5	125,000	75,000		
UTILITY VEHICLE, SUB, GAS	SUV	8	5	125,000	75,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.	APWA Replacement Criteria Benchmarks
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	5	125,000	75,000		
MINIVAN, 5-7 PASS	VAN	8	5	100,000	75,000		
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	5	100,000	75,000		
PICK UP COMPACT	PICK-UP	10	7	125,000	100,000		
PICK UP COMPACT, 4X4	PICK-UP	10	7	125,000	100,000		

Three criteria factor reductions were made in order to increase resale / surplus value:

- Decrease vehicle age by (3) three years
- Reduce vehicles usage by (25,000) twntety five thousand miles
- Reduce accumulated repair cost down to 50% of the original purchase cost

Current Vehicle Disposition Point Chart



Below is the disposition point chart system that was adopted by Fleet Maintenance to aid in the replacement selection process.

It is recommended that the Fleet Maintenance Division continue to utilize the weighted point system, *Vehicle Disposition Point Chart*, when performing the vehicle replacement review process.

VEHICLE DISPOSITION POINT CHART																											
UNIT # DEPARTMENT DIVISION ORIGINAL PURCHASE COSTS	R7512 Rialto Police Dept Patrol \$ 26,294.13	VEHICLE CONCERNS: BLUE BOOK VALUE OF VEHICLE <u>\$ 5,000.00</u> SURPLUS VALUE _____	EXAMPLE																								
AGE OF VEHICLE (Months)	60 Months	POINTS 5	ONE POINT FOR EACH YEAR OF CHRONOLOGICAL AGE, BASED ON																								
CURRENT MILEAGE	92,390 Miles/Hours	9	ONE POINT FOR EACH 10,000 MILES OF USE																								
VEHICLE USE: (Type Yes in the field that applies)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">Administrative</td><td></td></tr> <tr><td style="text-align: right;">Police Unit</td><td style="text-align: center;">YES</td></tr> <tr><td style="text-align: right;">Fire Vehicle (Battalion Chief Truck, Etc.)</td><td></td></tr> <tr><td style="text-align: right;">PW Field Vehicle (Trucks)</td><td></td></tr> <tr><td style="text-align: right;">Equipment</td><td></td></tr> <tr><td style="text-align: right;">Pool</td><td></td></tr> </table>	Administrative		Police Unit	YES	Fire Vehicle (Battalion Chief Truck, Etc.)		PW Field Vehicle (Trucks)		Equipment		Pool		<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">5</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> </table>	0		5		0		0		0		0		1,3, OR 5 POINTS ARE ASSIGNED BASED ON TYPE OF SERVICE THAT VEHICLE RECEIVES. FOR EXAMPLE A POLICE PATROL CAR WOULD BE GIVEN A 5 BECAUSE IT IS A SEVERE DUTY SERVICE. IN CONTRAST AN ADMINISTRATIVE SEDAN WOULD BE GIVEN A 1.
Administrative																											
Police Unit	YES																										
Fire Vehicle (Battalion Chief Truck, Etc.)																											
PW Field Vehicle (Trucks)																											
Equipment																											
Pool																											
0																											
5																											
0																											
0																											
0																											
0																											
SHOP FREQUENCY PER MONTH (Type Yes in the field that applies)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">Two or More per Month</td><td></td></tr> <tr><td style="text-align: right;">1 Every other to 1 per Month</td><td style="text-align: center;">YES</td></tr> <tr><td style="text-align: right;">1 Every Three Months or Less</td><td></td></tr> <tr><td style="text-align: right;">Major Damage/Total Loss</td><td></td></tr> </table>	Two or More per Month		1 Every other to 1 per Month	YES	1 Every Three Months or Less		Major Damage/Total Loss		<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">4</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> </table>	0		4		0		0		POINTS ARE ASSIGNED AS 1, 3, OR 5 DEPENDING ON THE FREQUENCY THAT A VEHICLE IS IN THE SHOP FOR REPAIR. A FIVE WOULD BE ASSIGNED TO A VEHICLE THAT IS IN THE SHOP TWO OR MORE TIMES PER MONTH ON AVERAGE, WHILE A 1 BE ASSIGNED TO A VEHICLE IN								
Two or More per Month																											
1 Every other to 1 per Month	YES																										
1 Every Three Months or Less																											
Major Damage/Total Loss																											
0																											
4																											
0																											
0																											
TOTAL REPAIR HOURS	240.9		1 TO 5 POINTS ARE ASSIGNED BASED ON TOTAL LIFE M&R COST (NOT INCLUDING REPAIR OF ACCIDENT DAMAGE). A 5 IS ASSIGNED TO A VEHICLE WITH THE LIFE M&R COSTS EQUAL OR GREATER TO THE VEHICLE'S ORIGINAL PURCHASE PRICE, WHILE 1 IS GIVEN TO A VEHICLE WITH LIFE M&R COSTS EQUAL TO 20% OR LESS OF ORIGINAL PURCHASE COST.																								
MAINTENANCE & REPAIR COST FOR VEHICLE LIFE (RTA DATABASE)	\$ 32,943.95	TOTAL LOSS	6																								
CURRENT CONDITION OF VEHICLE (Type Yes in the field that applies)	<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">Excellent</td><td></td></tr> <tr><td style="text-align: right;">Good</td><td></td></tr> <tr><td style="text-align: right;">Minor</td><td></td></tr> <tr><td style="text-align: right;">Poor</td><td style="text-align: center;">YES</td></tr> <tr><td style="text-align: right;">Major Damage</td><td></td></tr> </table>	Excellent		Good		Minor		Poor	YES	Major Damage		<table style="width: 100%; border-collapse: collapse;"> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> <tr><td style="text-align: right;">4</td><td></td></tr> <tr><td style="text-align: right;">0</td><td></td></tr> </table>	0		0		0		4		0		THIS CATEGORY TAKES INTO CONSIDERATION BODY CONDITION, RUST, INTERIOR CONDITION, ACCIDENT HISTORY, ANTICIPATED REPAIRS, ETC. A SCALE OF 1 TO 5 POINTS IS USED WITH 5 BEING POOR CONDITION.				
Excellent																											
Good																											
Minor																											
Poor	YES																										
Major Damage																											
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Total Points		33																									
<table style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: left; padding: 5px;">POINT RANGES</th> </tr> <tr> <td style="width: 33%; padding: 5px;">Under 18 Points</td> <td style="width: 33%; padding: 5px;">CONDITION I</td> <td style="width: 33%; padding: 5px;">EXCELLENT</td> </tr> <tr> <td style="padding: 5px;">18 TO 22 POINTS</td> <td style="padding: 5px;">CONDITION II</td> <td style="padding: 5px;">GOOD</td> </tr> <tr> <td style="padding: 5px;">23 TO 27 POINTS</td> <td style="padding: 5px;">CONDITION III</td> <td style="padding: 5px;">QUALIFIES FOR REPLACEMENT</td> </tr> <tr> <td style="padding: 5px;">27 AND ABOVE</td> <td style="padding: 5px;">CONDITION IV</td> <td style="padding: 5px;">NEEDS IMMEDIATE CONSIDERATION</td> </tr> </table>				POINT RANGES			Under 18 Points	CONDITION I	EXCELLENT	18 TO 22 POINTS	CONDITION II	GOOD	23 TO 27 POINTS	CONDITION III	QUALIFIES FOR REPLACEMENT	27 AND ABOVE	CONDITION IV	NEEDS IMMEDIATE CONSIDERATION									
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27 AND ABOVE	CONDITION IV	NEEDS IMMEDIATE CONSIDERATION																									
EVALUATION COMPLETED BY _____		TITLE _____	ON BEHALF OF THE FLEET MAINTENANCE DEPARTMENT																								

City Administration

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

Provided by Mercury Associates, Inc. for the City of Rialto

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
H019			H021
H017			
H020			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr	Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	CITY ADMIN	ADMINISTRATION	DEPUTY CITY MANAGER	H019	2008	FORD	ESCAPE HYBRID		12	FY 2022	Replace with a Hybrid SUV
1	CITY ADMIN	ADMINISTRATION	COUNCIL CAR	H020	2019	FORD	FUSION HYBRID		1	FY 2022	Replace with a Hybrid SUV
1	CITY ADMIN	ADMINISTRATION	CITY MANAGER	H021	2020	FORD	EXPLORER		1	FY 2025	Replace with a Hybrid SUV
1	CITY ADMIN	ADMINISTRATION	COUNCIL CAR	H017	2008	FORD	ESCAPE HYBRID		12	FY 2022	Replace with a Hybrid SUV
4	010-500-1148-2110										+Pool Vehicle

Administration Comments:

1. Requested an analysis on Director vehicles versus allowances.
2. Requested to replace H019 Ford Escape Hybrid, Deputy City Manager's vehicle.
3. Requested a pool vehicle for staff.

Public Works/ Fleet Recommendation:

1. Four (4) vehicle replacement recommendations.

• Recommend replacing H017 Ford Escape Hybrid vehicle due to inoperable state for Council use in FY 2022 with a Ford Escape Hybrid.

• Recommend replacing H020 Ford Fusion Hybrid Council car in FY 2022 with a Ford Escape Hybrid and repurpose the car for daily drive use as identified in the plan.

• Recommend replacing the H019 Ford Escape Hybrid vehicle due to age of main battery exceeding the 8-year service life for the Deputy City Manager in FY 2022 with a Ford Escape Hybrid.

• Recommend replacing H021 Ford Explorer for the City Manager in FY 2025 with a Ford Escape Hyrbid.
2. Can utilize a pool vehicle. (Possibly shared with Finance Department)

City Clerk's Office

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
H010		H011	
H001			
H002			
H003			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	CITY CLERK	K.R.T.O.	SR OFFICE SPECIALIST/HEALTHY RIALTO COORDINATOR	H010	1999	CHEVROLET	2500 CARGO VAN	21	FY 2022	Replace with Ford Ranger
1	CITY CLERK	BUSINESS MANAGEMENT	CITY CLERK	H001	2008	FORD	ESCAPE HYBRID	12	FY 2022	Replace with a Hybrid SUV
1	CITY CLERK	BUSINESS MANAGEMENT	SR OFFICE SPECIALIST/RECORDS COORDINATOR	H002	1997	FORD	E350 CLUB WAGON	23	FY 2022	Replace with a Ford Ranger
1	CITY CLERK	BUILDING SERVICES	BROADCAST PRODUCTION SPECIALIST	H003	2005	CHEVROLET	COLORADO	15	FY 2022	Replace with a Hybrid SUV
1	CITY CLERK	K.R.T.O.	BROADCAST PRODUCTION SPECIALIST	H011	2017	FORD	TRANSIT VAN	3	FY 2024	Replace with a Ford Transit Van
5	(3) 010-500-3150-2110 (3) 010-500-3155-2110									

City Clerk Comments:

1. Replacement needed for H010 Chevrolet Cargo Van.
2. Requested to replace the H002 Ford Club Wagon with a truck.
3. No use for a pool vehicle.

Public Works/ Fleet Recommendation:

1. Five (5) vehicle replacement recommendation.
- Recommend replacing H010 Chevrolet 2500 Cargo Van for the Sr. Office Specialist/ Healthy Rialto Coordinator in FY 2022 with a Ford Ranger.

Recommend replacing H001 Ford Escape Hybrid vehicle due to age of main battery exceeding the 8-year service life for the City Clerk/ Director in FY 2022 with a Ford Escape Hybrid.

Recommend replacing H002 Ford Club Wagon for the Sr. Office Specialist/ Record Coordinator in FY 2022 with a Ford Ranger.

Recommend replacing H003 Chevrolet Colorado for the Broadcast Production Specialist in FY 2022 wth a Ford Escape Hyrbid.

Recommend replacing H011 Ford Transit Van for the Broadcast Production Specialist in FY 2024 with Ford Transit Van.

Finance
(Including Purchasing & ITS)

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
ADDITION	H024		
ADDITION			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr	Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	FINANCE	PURCHASING/ ITS	IT TECHNICIAN	H023	2001	FORD	TAURUS		19	N/A	Recommend retiring vehicle, replace with pool unit
1	FINANCE	FINANCE	ADMIN STAFF	D006	2002	CHEVROLET	VENTURE		18	N/A	Recommend retiring vehicle, replace with pool unit
1	FINANCE	PURCHASING	MAIL CLERK	H024	2009	FORD	ESCAPE HYBRID		11	FY 2023	Recommend retiring vehicle, replace with pool unit
3	010-500-2159-2110										(+) Hybrid SUV for ITS (+) Hybrid SUV for Finance Director (+) Pool vehicle for Finance; shared with Administration

Finance/ Purchasing Comments:

1. The H023 Ford Taurus has not been utilized by Finance. (In use by IT Department)
2. One (1) vehicle is needed for Purchasing. (Purchasing utilizes H024 Ford Escape)
3. The Finance Department utilizes a vehicle to pick up paper from Purchasing about every three (3) weeks.
4. Can utilize a pool vehicle; choice is an SUV.

Public Works/ Fleet Recommendation:

1. Five (5) total vehicle recommendations.
- Recommend retiring H023 Ford Taurus and replace with a pool vehicle for the ITS Division located at Fleet Garage.

• Recommend retiring D006 Chevrolet and replace with a pool vehicle. (Possibly shared with Administration).

• Recommend retiring H024 Ford Taurus and replace with a pool vehicle for the ITS Division located at Fleet Garage.

• Add one (1) Ford Escape Hybrid for the Finance Director in FY 2022.

• Add one (1) Ford Escape Hybrid for the ITS Division Manager in FY 2022.

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
E018			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommendation/ Notes
1	UTILITIES	UTILITIES	UTILITIES MANAGER	E018	2008	FORD	ESCAPE HYBRID	12	FY 2022	Replace with a Hybrid SUV
1	680-500-7960-2110									

Utilities Department Comments:

1. Vehicle on loan from Public Works Engineering.
2. No additions requested.

Public Works/ Fleet Recommendation:

1. One (1) vehicle recommendation:
 - Recommend replacing E018 Ford Escape Hybrid vehicle due to age of main battery exceeding the 8-year service life for Utilities Manager in FY 2022 with a Ford Escape Hyrbid.

Community Development

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
B012			
B013			
ADDITION			
FY 2026	FY 2027	FY 2028	FY 2029
B014			
B015			
B016			

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicles
1	COMMUNITY DEVELOPMENT	BUILDING SERVICES	N/A	B005	1999	CHEVROLET	S-10	21	N/A	Recommend retiring
1	COMMUNITY DEVELOPMENT	BUILDING SERVICES	N/A	B007	1999	CHEVROLET	S-10	21	N/A	Recommend retiring
1	COMMUNITY DEVELOPMENT	COMMUNITY DEVELOPMENT	BUILDING OFFICIAL	B012	2008	FORD	F150 SUPER CREW	12	FY 2022	Replacing with a Ford F150 (Possible Hybrid)
1	COMMUNITY DEVELOPMENT	COMMUNITY DEVELOPMENT	ALL OFFICE STAFF (POOL VEHICLE)	B013	2005	FORD	RANGER	15	FY 2022	Replacing with a Ford Ranger
1	COMMUNITY DEVELOPMENT	COMMUNITY DEVELOPMENT	BUILDING INSPECTOR	B014	2019	FORD	F150 EXTRA CAB	1	FY 2026	Replacing with Hybrid SUV
1	COMMUNITY DEVELOPMENT	COMMUNITY DEVELOPMENT	BUILDING INSPECTOR	B015	2019	FORD	F150 EXTRA CAB	1	FY 2026	Replacing with Hybrid SUV
1	COMMUNITY DEVELOPMENT	COMMUNITY DEVELOPMENT	SENIOR INSPECTOR	B016	2019	FORD	F150 EXTRA CAB	1	FY 2026	Replacing with Hybrid SUV
7	010-500-4257-2110									(+) Hybrid SUV for Director (+) Pool vehicle

Community Development Comments:

- 1.Community Development needs:
- Need six (6) vehicles, including one pool vehicle, and at least one (1) SUV.

Public Works/ Fleet Recommendation:

1. Reducing fleet size from seven (7) vehicles to six (6).
2. Eight (8) total vehicle recommendations:

•

Recommend retiring B005 Chevrolet S-10.

•

Recommend retiring B007 Chevrolet S-10.

•

Recommend replacing B012 Ford F150 Super Crew for the Building Official in FY 2022 with a Ford F150 (Possibly Hybrid).

•

Recommend replacing B013 Ford Ranger for the office staff use in FY 2022 with a Ford Ranger.

•

Recommend replacing B014 Ford F150 Extra Cab for Building Inspection staff in FY 2026 with a Ford Escape Hybrid.

•

Recommend replacing B015 Ford F150 Extra Cab for Building Inspection staff in FY 2026 with a Ford Escape Hybrid.

•

Recommend replacing B016 Ford F150 Extra Cab for the Senior Inspector in FY 2026 with a Ford Escape Hybrid.

•

Add one (1) Ford Escape Hybrid for the Director.
3. Community Development can utilize a pool vehicle.

Community Services

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
P002		P004	
P027		P005	
B006			
P003			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicles
1	COMMUNITY SERVICES	COMMUNITY SERVICES	DEPARTMENT DIRECTOR	P002	2008	FORD	ESCAPE HYBRID	12	FY 2022	Replace with a Hybrid SUV
1	COMMUNITY SERVICES	COMMUNITY SERVICES	RECREATION AIDE	P027	1997	FORD	E350 CLUB WAGON	23	FY 2022	Replace with a Ford F150 Crew-Cab
1	COMMUNITY SERVICES	COMMUNITY SERVICES	RECREATION LEADER	B006	1999	CHEVROLET	S-10	21	FY 2022	Replace with a Ford Ranger
1	COMMUNITY SERVICES	COMMUNITY SERVICES	RECREATION LEADER	P003	1996	CHEVROLET	ASTRO	24	FY 2022	Replace with Ford Transit Van
1	COMMUNITY SERVICES	COMMUNITY SERVICES	RECREATION AIDE	P004	2019	FORD	TRANSIT VAN	1	FY 2024	Replace with Ford Transit Van
1	COMMUNITY SERVICES	COMMUNITY SERVICES	RECREATION AIDE	P005	2019	FORD	TRANSIT VAN	1	FY 2024	Replace with Ford Transit Van
6	640-500-8150-2110									

Community Services Comments:

1. Experiencing issues with the P027 Ford Club Wagon; Requested to replace with a pick-up truck.
2. Director Vehicle: Will allow Public Works/ Fleet to decide best option.

Public Works/ Fleet Recommendation:

1. Six (6) vehicle replacement recommendations.
 - Recommend replacing P002 Ford Escape Hybrid vehicle with a Hybrid SUV for the Director in FY 2022 with a Ford Escape Hybrid.
 - Recommend replacing P027 Ford Club Wagon for Community Services staff use in FY 2022 with a Ford F150 Crew-Cab.
 - Recommend replacing B006 Chevrolet S-10 for the Recreation Leader in FY 2022 with a Ford Ranger.
 - Recommend replacing P003 Chevrolet Astro for the Recreation Leader in FY 2022 with a Ford Transit Van.
 - Recommend replacing P004 Ford Transit Van for the Recreation Aide in FY 2024 with a Ford Transit Van.
 - Recommend replacing P005 Ford Transit Van for the Recreation Aide in FY 2024 with a Ford Transit Van.

Human Resources

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
P001			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	HUMAN RESOURCES	HUMAN RESOURCES	DEPARTMENT DIRECTOR	P001	2008	FORD	ESCAPE HYBRID	12	FY 2022	Replace with a Hybrid SUV
1	640-500-8150-2110									(+) Pool vehicle

Human Resources Comments:

1. Staff does not use vehicles often.

Public Works/ Fleet Recommendation:

1. One (1) vehicle recommendation.
- Recommend replacing P001 Ford Escape Hybrid vehicle due to age of main battery exceeding the 8-year service life for Director in FY 2022 with a Ford Escape Hybrid.
2. Can utilize a pool vehicle at Public Works, as needed.

Public Works- Administration

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
WM005			
ADDITION			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommendation/ Notes
1	PUBLIC WORKS	WASTE MANAGEMENT	ADMINISTRATIVE ANALYST	WM005	1998	CHEVROLET	1500 PICK-UP	22	FY 2022	Replacing with a Ford Ranger
1	212-500-7150-2110									(+) Hybrid SUV for Staff

Public Works Administration Comments:

1. No additions to Waste Management fleet.
2. Can utilize a pool vehicle.

Public Works/ Fleet Recommendation:

1. Two (2) vehicle recommendations.

Recommend replacing WM005 Chevrolet 1500 Pick-Up for the Administrative Analyst in FY 2022 with a Ford Ranger.

Add one (1) Ford Escape Hybrid vehicle for Public Works Administration staff use in FY 2022.
2. Can utilize a pool vehicle in Public Works/ Fleet, as needed.

Public Works- Engineering

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4>	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4>	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4>	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
E012			
E014			
E017			
E022			
ADDITION			
ADDITION			
ADDITION			
ADDITION			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr	Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	PUBLIC WORKS	ENGINEERING	ENGINEERING STAFF	E012	2005	CHEVROLET	S-10 BLAZER		15	FY 2022	Replace with Hyrbid SUV
1	PUBLIC WORKS	ENGINEERING	PUBLIC WORKS DIRECTOR	E014	2005	FORD	CROWN VIC		15	FY 2022	Replace with a Hybrid SUV
1	PUBLIC WORKS	ENGINEERING	CONSTRUCTION INSPECTOR	E017	2008	FORD	RANGER		12	FY 2022	Replace with a Ford Ranger
1	PUBLIC WORKS	ENGINEERING	CONSTRUCTION INSPECTOR	E022	2001	CHEVROLET	1500 P.U.		19	FY 2022	Replace with a Ford Ranger
1	PUBLIC WORKS	ENGINEERING	PW OFFICE STAFF-ENGINEERING STAFF	E021	2004	FORD	CROWN VIC		16	N/A	Recommend retiring
5	710-500-4265-2110										(+) Hybrid SUV for City Engineer (+) Three Ford Ranger (+) Two pool vehicles

Public Works Engineering Comments:

1. The E018 Ford Escape Hybrid is utilized by the Utilities Manager.
2. Need three (3) vehicles for the inspectors.
3. Construction Inspectors are currently using C226 Ford Ranger and C231 Ford Ranger that are on loan from Community Compliance (Code Compliance).
4. Can utilize three (3) pool vehicles; Requested at least two (2) high clearance vehicles.
5. City Engineer's Vehicle, M058 Ford F150 is on the Streets Maintenance list.

Public Works/ Fleet Recommendation:

1. Nine (9) vehicle recommendations:
- Recommend replacing E012 Chevrolet S-10 Blazer for the Engineering Staff in FY 2022 with a Ford Escape Hybrid.

• Recommend replacing E014 Ford Crown Victoria with a Hybrid SUV for Director in FY 2022 with a Ford Escape Hybrid.

• Recommend replacing E017 Ford Ranger for the Construction Inspector in FY 2022 with a Ford Ranger.

• Recommend replacing E022 Chevrolet 1500 for inspection staff in FY 2022 with a Ford Ranger.

• Recommend retiring E021 Ford Crown Victoria.

• Recommend replacing two (2) Ford Rangers previously borrowed from Code Compliance for inspection staff with Ford Rangers.

• Recommend replacing M058 Ford F150 for the City Engineer in FY 2022 with a Ford Escape Hybrid.

• Add one (1) Ford Ranger for engineering staff.

Public Works- Streets Maintenance Division

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE							
Fleet Vehicles							
FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
M055	M061	M063			M069		
M058	M062						
M059	M066						
M064	SW002						
M053							
Fleet Equipment							
FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
M030					M067		
M052							
WM006							
M065							
M033							

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement year	Recommended Vehicle	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M030	1987	JOHN DEERE	210 LOADER	33	FY 2022	Replacing with Caterpillar 415F2 IL	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	EQUIPMENT OPERATOR	WM006	1991	CASE	SKID STEER	29	FY 2022	Replacing with Caterpillar 262D3	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M052	2003	JOHN DEERE	210 L.E. LOADER	17	FY 2022	Retiring; Utilizing the Caterpillar 415F2 IL	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M055	2004	FORD	F350 DUALLY	16	FY 2022	Replacing with a F350 Dump Body	
1	PUBLIC WORKS	ST. MAINTENANCE	ENGINEER	M058	2005	FORD	F150 CREW CAB	15	FY 2022	Replacing with A Hybrid SUV	
1	PUBLIC WORKS	ST. MAINTENANCE	SUPERINTENDENT	M059	2006	FORD	F150 CREW CAB	14	FY 2022	Replacing with Ford F150 Crew Cab	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER- ON CALL STAFF	M064	2008	FORD	F150 XTRA -CAB	12	FY 2022	Replacing with Ford F250 Service Body	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M061	2008	FORD	RANGER	12	FY 2023	Replacing with a Ford Ranger	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M062	2008	FORD	F450 DUALLY DUMP-BED	12	FY 2023	Replacing with F450 Dump Bed	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M053	2003	FORD	F350 DUALLY	17	FY 2022	Replacing with F350 Dump Bed	
1	PUBLIC WORKS	ST. MAINTENANCE	FACILITY TECHNICIAN	M066	2005	FORD	F250 PICK-UP	15	FY 2023	Replacing with Ford F250 Service Body	
1	PUBLIC WORKS	ST. MAINTENANCE	FIELD SERVICE WORKER	M063	2008	FORD	F650 FLAT BED DUMP	12	FY 2024	Replacing with F650 Flat Bed Dump	
1	PUBLIC WORKS	ST. MAINTENANCE	EQUIPMENT OPERATOR	M065	2000	CASE	580 M	20	FY 2025	No recommendation	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	EQUIPMENT OPERATOR	M033	1987	CATAPILLIAR	GRADDER 120G	33	FY 2022	No recommendation	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	EQUIPMENT OPERATOR	M067	2007	CATERPILLAR	924G	13	FY 2027	No recommendation	Equipment
1	PUBLIC WORKS	ST. MAINTENANCE	SENIOR FIELD SERVICE WORKER	M069	2017	FREIGHTLINER	PATCH TRUCK	3	FY 2027	No recommendation	Specialized Vehicle
16	010-500-7305-2110										

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle	
1	PUBLIC WORKS	STORM WATER	Field Service Worker (Class B)	SW002	2008	INTERNATIONAL	7500/2110	12	FY 2023	No recommendation	Specialized Vehicle
1	010-500-7313-2110										

Public Works Maintenance Comments:

1. Requested service body vehicles instead of standard body vehicles.
2. Requested the following:
 - Broom Badger Sweeper- \$245,000
 - Diesel Forklift- Range: \$45,000- \$80,000
 - Wacker Roller- Range: \$20,000- \$30,000
 - Cement Mixer- \$5,000
 - F550 Dump Steelbed- \$70,000

Public Works/ Fleet Recommendation:

1. Twelve (12) vehicle recommendations:
 - Recommend replacing M030 John Deese 210 Loader for the Field Service Workers in FY 2022 with a Caterpillar 415F2 IL.
 - Recommend replacing WM006 Case Skid Steer for the Equipment Operator in FY 2022 Caterpillar 262D3.
 - Recommend retiring M052 John Deere 210 L.E. Loader in FY 2022 with a Caterpillar 415F2 IL. .
 - Recommend replacing M055 Ford F350 Dually for the Streets Division in FY 2022 with a F350 Dump Body.
 - Recommend replacing M058 Ford F150 Crew Cab for the City Engineer in FY 2022 with a Ford Escape Hybrid.
 - Recommend replacing M059 Ford F150 Crew Cab for the Maintenance Superintendent in FY 2022 Ford F150 Crew Cab.
 - Recommend replacing M064 Ford F150 Xtra-Cab for the On-call staff in FY 2022 Ford F250 Service Body.
 - Recommend replacing M061 Ford Ranger for the Field Service Workers in FY 2023 with a Ford Ranger.
 - Recommend replacing M062 Ford F450 Dually Dump-Bed for the Field Service Workers in FY 2023 F450 Dump Bed.
 - Recommend replacing M053 Ford F350 Dually for the Field Service Workers in FY 2022 F350 Dump Bed.
 - Recommend replacing M066 Ford F250 Pick-Up in FY 2023 with a Ford F250 Service Body, currently used by Facilities Maintenance staff.
 - Recommend replacing M063 Ford F650 Flat Bed Dump for the Field Service Workers in FY 2024 with a F650 Flat Bed Dump.
 - Recommend replacing SW002 International 7500/2110 in FY 2023.

Public Works- Traffic Safety Maintenance Division

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
N009	N015	N013	
N011			
N012			
N014			
FY 2026	FY 2027	FY 2028	FY 2029
		N016	

INV. Department		Division	Staff Classification	Unit	Yr	Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommendation Vehicles
1	PUBLIC WORKS	TRAFFIC SAFETY	FIELD SERVICE WORKER	N009	2004	FORD	F350		16	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	TRAFFIC SAFETY	FIELD SERVICE WORKER	N011	2005	FORD	F350		15	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	TRAFFIC SAFETY	FIELD SERVICE WORKER	N012	2006	FORD	F350 CREW CAB		14	FY 2022	Replacing with Ford F350 CREW CAB Service Body
1	PUBLIC WORKS	TRAFFIC SAFETY	EQUIPMENT OPERATOR	N013	2007	GMC	6500 LINE STRIPPER		13	FY 2024	Special Vehicle Specification Needed
1	PUBLIC WORKS	TRAFFIC SAFETY	LEAD FIELD SERVICE WORKER	N014	2008	FORD	F350 SERVICE BODY		12	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	TRAFFIC SAFETY	FIELD SERVICE WORKER	N015	2016	FORD	F250 SERVICE BODY		4	FY 2023	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	TRAFFIC SAFETY	FIELD SERVICE WORKER	N016	2018	FORD	F350 STENCIL TRUCK		2	FY 2028	Special Vehicle Specification Needed
7	010-500-7308-2110										

Public Works Maintenance Comments:

1. Requested service body vehicles instead of standard body vehicles.

Public Works/ Fleet Recommendation:

1. Seven (7) vehicle recommendations.
 - Recommend replacing N009 Ford F350 for the Field Service Workers in FY 2022 with a Ford F250 Service Body.
 - Recommend replacing N011 Ford F350 for the Field Service Workers in FY 2022 with a Ford F250 Service Body.
 - Recommend replacing N012 Ford F350 Crew Cab for the Field Service Workers in FY 2022 with a Ford F350 Crew Cab Service Body.
 - Recommend replacing N013 GMC 6500 Line Stripper for the Equipment Operator in FY 2024.
 - Recommend replacing N014 Ford F350 Service Body for the Lead Field Service Worker in FY 2022 with a Ford F250 Service Body.
 - Recommend replacing N015 Ford F250 Service Body for the Field Service Workers in FY 2023 with a Ford F250 Service Body.
 - Recommend replacing N016 Ford F350 Stencil Truck for the Field Service Workers in FY 2028.

Public Works- Parks Maintenance Division

City Fleet Replacement Criteria

Provided by Mercury Associates, Inc. for the City of Rialto

		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE							
Fleet Vehicles							
FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
A044	A039						
A041	A049						
A045	A050						
A048	A052						
A051	A053						
TM002							
Fleet Equipment							
FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	FY 2027	FY 2028	FY 2029
A030							
A047							
K009							

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle	
1	PUBLIC WORKS	PARK MAINTENANCE	SENIOR / LEAD FIELD SERVICE WORKER	A030	1969	CATERPILLIAR	TRACTOR 920	51	FY 2022	Replacing with Caterpillar 918M	Equipment
1	PUBLIC WORKS	PARK MAINTENANCE	SENIOR FIELD SERVICE WORKER	A041	2004	FORD	F350 P.U.	16	FY 2022	Replacing with Ford F250 Service Body	
1	PUBLIC WORKS	PARK MAINTENANCE	LEAD FIELD SERVICE WORKER	A044	2004	FORD	F150 P.U	16	FY 2022	Replacing with Ford F250 Service Body	*Blown Motor
1	PUBLIC WORKS	PARK MAINTENANCE	SENIOR FIELD SERVICE WORKER	A045	2006	FORD	F350 DUALLY	14	FY 2022	Replacing with a Ford F350 Dump Body	
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	A047	2006	JOHN DEERE	110 TRACTOR LOADER	14	FY 2022	Recommendation for replacement	
1	PUBLIC WORKS	PARK MAINTENANCE	LANDSCAPE CONTRACT ADMINISTATOR	A048	2008	FORD	RANGER	12	FY 2022	Replacing with A Hybrid SUV	
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	A051	2008	FORD	RANGER	12	FY 2022	Replacing with a Ford Ranger	
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	K009	1977	MASSEY FERGUSON	MOWER	43	FY 2022	Recommendation for replacement	
1	PUBLIC WORKS	TREE MAINTENANCE	FIELD SERVICE WORKER	TM002	1993	FORD	F350 LIFT BUCKET	27	FY 2022	Replacing with a Ford F350 Lift Bucket	Secondary Unit
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	A039	1998	INTERNATIONAL	DUMP TRUCK	22	FY 2023	Replacing with a Ford F650 Dump Body	
1	PUBLIC WORKS	PARK MAINTENANCE	SENIOR FIELD SERVICE WORKER	A052	2006	FORD	F350	14	FY 2023	Replacing with Ford F250 Service Body	
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	A049	2008	FORD	F650 FLAT BED DUMP	12	FY 2023	Replacing with a Ford F650 Dump Body	
1	PUBLIC WORKS	PARK MAINTENANCE	WEED SPRAYING RIG	A050	2008	FORD	RANGER	12	FY 2023	Replacing with a Ford Ranger	
1	PUBLIC WORKS	PARK MAINTENANCE	FIELD SERVICE WORKER	A053	2008	FORD	F350 DUALLY	12	FY 2023	Replacing with Ford F250 Service Body	
14	010-500-7304-2110										

Public Works Maintenance Comments:

1. Requested service body vehicles instead of standard body vehicles.

Public Works/ Fleet Recommendation:

1. Fourteen (14) vehicle recommendations.

- Recommend replacing A030 Caterpillar Tractor 920 for the Sr./Lead Field Service Worker in FY 2022 with a Caterpillar 918M.
- Recommend replacing A041 Ford F350 Pick-Up for Sr. Field Service Worker in FY 2022 with a Ford F250 Service Body.
- Recommend replacing A044 Ford F150 for the Parks Maintenance Lead Field Service Worker in FY 2022 with a Ford F250 Service Body.
- Recommend replacing A045 Ford F350 Dually for Park Maintenance in FY 2022 Ford F350 Dump Body.
- Recommend replacing A047 John Deere 110 Tractor Loader for Field Service Worker in FY 2022.
- Recommend replacing A048 Ford Ranger for the Landscape Contract Administrator in FY 2022 with a Ford Escape Hybrid.
- Recommend replacing A051 Ford Ranger for Field Service Worker in FY 2022 with w Ford Ranger.
- Recommend replacing K009 Massey Ferguson Mower for Field Service Worker in FY 2022.
- Recommend replacing TM002 Ford F350 List Bucket for Field Service Worker in FY 2022 with a Ford F350 Lift Bucket.
- Recommend replacing A039 International Dump Truck for Field Service Worker in FY 2023 with a Ford F650 Dump Body.
- Recommend replacing A052 Ford F350 for Sr. Field Service Worker in FY 2023 with a Ford F250 Service Body.
- Recommend replacing A049 Ford F650 Flat Bed Dump for Field Service Worker in FY 2023 Ford F650 Dump Body.
- Recommend replacing A050 Ford Ranger in FY 2023 with a Ford Ranger, currently being used by the Streets Division staff.
- Recommend replacing A053 Ford F350 Dually for Field Service Worker in FY 2023 with a Ford F250 Service Body.

City Fleet Replacement Criteria		REPLACEMENT CRITERIA		
Provided by Mercury Associates, Inc. for the City of Rialto		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
J017	J021		
J023	J022		
J024			
ADDITION			
ADDITION			
ADDITION			
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	PUBLIC WORKS	BUILDING MAINTENANCE	FACILITY TECHNICIAN	J023	1990	CHEVROLET	2500 P.U.	30	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	BUILDING MAINTENANCE	FACILITY TECHNICIAN	J024	2005	FORD	F150 XTRA -CAB	15	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	BUILDING MAINTENANCE	FACILITY TECHNICIAN	J017	2008	FORD	F350 DUALLY	12	FY 2022	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	BUILDING MAINTENANCE	LEAD FACILITY TECHNICIAN	J021	2014	FORD	F350 SERVICE BODY	6	FY 2023	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	BUILDING MAINTENANCE	FACILITY TECHNICIAN	J022	2014	FORD	F350 SERVICE BODY	6	FY 2023	Replacing with Ford F250 Service Body
5	770-500-7302-2110									(+) Three Ford F250 Service Body for additional staff

Public Works Maintenance Comments:

1. Requested three (3) new vehicles for additional new staff.
2. Requested service body vehicles instead of standard body vehicles.

Public Works/ Fleet Recommendation:

1. Eight (8) vehicle recommendations.
- Recommend replacing J023 Chevrolet 2500 for the Facility Technicians in FY 2022 with a Ford F250 Service Body.

• Recommend replacing J024 Ford F150 Xtra-Cab for the Facility Technicians in FY 2022 with a Ford F250 Service Body.

• Recommend replacing J017 Ford F350 Dually for the Facility Technicians in FY 2022 with a Ford F250 Service Body.

• Recommend replacing J021 Ford Service Body for the Lead Facility Technician in FY 2023 with a Ford F250 Service Body.

• Recommend replacing J022 Ford F350 Service Body for the Facility Technicians in FY 2023 with a Ford F250 Service Body.

• Add three (3) new vehicles for additional Facilities Maintenance staff.

City Fleet Replacement Criteria Provided by Mercury Associates, Inc. for the City of Rialto		REPLACEMENT CRITERIA		
		Criteria 1	Criteria 2	Criteria 3
DESCRIPTION	TYPE	REPLACEMENT AGE (Years)	REPLACEMENT USAGE (Miles)	PERCENTAGE OF MAINTENANCE COST
SEDAN,COMPACT	SEDAN	8	100,000	The accumulated repair costs reach or exceed 80% of the original purchase price.
SEDAN,FULL SIZE	SEDAN	8	100,000	
WAGON,INTERMEDIATE	SEDAN	8	100,000	
UTILITY VEHICLE,COMP,2DR,4X2	SUV	8	125,000	
UTILITY VEHICLE,COMP,4DR,4X2	SUV	8	125,000	
UTILITY VEHICLE, SUB, GAS	SUV	8	125,000	
UTILITY VEHICLE,COMP,2DR,4X4	SUV	8	125,000	
MINIVAN, 5-7 PASS	VAN	8	100,000	Mercury Associates Fleet Analysis, Appendix D, Pg. 107, Line 4b.
VAN, 1/2 T, 7-12 PASS., GAS	VAN	8	100,000	
PICK UP COMPACT	PICK-UP	10	125,000	
PICK UP COMPACT, 4X4	PICK-UP	10	125,000	

REPLACEMENT SCHEDULE			
FY 2022	FY 2023	FY 2024	FY 2025
	G008		
	G009		
FY 2026	FY 2027	FY 2028	FY 2029

INV.	Department	Division	Staff Classification	Unit	Yr Model	Make	Model	Unit Age Years of Service	Recommended Replacement Year	Recommended Vehicle
1	PUBLIC WORKS	FLEET MAINTENANCE	FLEET STAFF	G008	2008	FORD	F350 4X4 SERVICE BODY	12	FY 2023	Replacing with Ford F250 Service Body
1	PUBLIC WORKS	FLEET MAINTENANCE	FLEET STAFF	G009	2008	FORD	F150 REG CAB	12	FY 2023	Replacing with a Ford Ranger
2	690-500-7307-2110									

Public Works Maintenance Comments:

1. Requested service body vehicles instead of standard body vehicles.

Public Works/ Fleet Recommendation:

1. Two (2) vehicle recommendations.
 - Recommend replacing G008 Ford F350 Service Body for Fleet staff in FY 2023 with a Ford F250 Service Body.
 - Recommend replacing G009 Ford F150 for Fleet staff in FY 2023 with a Ford Ranger.

COST COMPARISON
Enterprise Lease Vs. Dealer Purchase Pricing

ENTERPRISE LEASE PRICING							
							
	2021 Escape HYBRID SE FWD	2022 F250 Regular Cab XL with 8ft Low Profile Service Body & Rack	2022 F350 Crew Cab Service Body	2021 Transit 150 XL Cargo Van 130\"WB	2021 Ford F150 XLT SuperCrew Cab 4x4 and 2WD	2021 Ford Ranger Super Cab XL 4x2	2021 Chevy Bolt LT ALL ELECTRIC
Enterprise Quote #	4942082	4918252	4988483	4933761	4917543	4918193	4934856
Quantity:	18	12	1	1	3	12	
*EST. VEHICLE PRICE	\$25,476.00	\$33,731.00	\$43,494.69	\$25,868.00	\$33,310.00	\$24,066.00	\$30,488.50
TOTAL MONTHLY PAYMENT w TAX PER VEHICLE	\$459.39	\$579.64	\$750.46	\$474.01	\$606.06	\$435.08	\$551.67
TOTAL MONTHLY PAYMENT w TAX x THE QUANTITY	\$8,269.02	\$6,955.68	\$750.46	\$474.01	\$1,818.18	\$5,220.96	\$0.00

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Total Lease Cost			
Total Cost/Mo	Total Cost/Yr	Total Cost 5yrs	
\$23,488.31	\$281,859.72	\$1,436,128.32	Before Equity From Resale
\$14,507.05	\$174,084.58	\$897,252.60	After Estimated Equity From Resale

Total Lease Cost (Excluding Director Vehicles)			
Total Cost/Mo	Total Cost/Yr	Total Cost 5yrs	
\$19,642.37	\$235,708.44	\$1,207,607.73	Before Equity From Resale
\$12,564.41	\$150,772.95	\$782,930.28	After Estimated Equity From Resale

DEALER PURCHASE PRICING								
								
	2021 Escape HYBRID SE FWD	2022 F250 Regular Cab XL with 8ft Low Profile Service Body & Rack	2022 F350 Crew Cab Service Body	2021 Transit 150 XL Cargo Van 130\"WB	2021 Ford F150 XLT SuperCrew Cab 4x4	2021 Ford F150 XLT SuperCrew Cab 2WD	2021 Ford Ranger Super Cab XL 4x2	2021 Chevy Bolt LT ALL ELECTRIC
Quantity:	18	12	1	1	1	2	12	0
*EST. VEHICLE PRICE	\$27,698.00	\$49,000.00	\$43,494.69	\$41,000.00	\$38,000.00	\$35,000.00	\$28,000.00	
TOTAL COST	\$498,564.00	\$588,000.00	\$43,494.69	\$41,000.00	\$38,000.00	\$70,000.00	\$336,000.00	\$0.00

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Total Purchase Cost	\$	1,615,058.69
Total Purchase Cost (Excluding Director Vehicles)	\$	1,398,980.00