

Replacing 10 vehicles in the first year.

Annual lease cost

Cash received for old vehicles

Trading in leased vehicle at optimum value

Annual maint costs (new = less maint)*

Annual fuel costs (new = better mpg)

Total annual budget

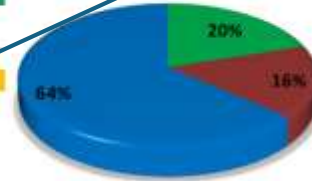
Maintenance \$89/month x 10 vehicles = \$10,710 annually

Compared to original b

City of Grand Rapids - Fleet Planning Analysis

Current Fleet	10	Fleet Growth	0.00%	Proposed Fleet	10
Current Cycle	10.00	Annual Miles	5,100	Proposed Cycle	3.00
Current Maint.	\$89.25			Proposed Maint.	\$34.38
Maint Cents Per Mile	\$0.21	Current MPG	14.7	Price/Gallon	\$3.81

Fleet Costs Analysis



Trading in leased vehicles

Fiscal Year	Fleet Mix			Fleet Cost							Annual Net Cash		
	Fleet Size	Annual Needs	Owned	Leased	Purchase	Lease* Incl. Tax	Equity (Owned)	Equity (Leased)	Maintenance	Fuel		Fleet Budget	
Average	10	1.0	10	0	0	41,905	0	0	10,710	13,218	65,833	0	
'24	10	10	0	10	0	106,109	-40,000	0	4,126	10,575	80,809	-14,976	
'25	10	0	0	10	0	106,109	0	-55,520	4,126	10,575	65,289	543	
'26	10	4	0	10	0	106,109	0	-59,044	4,126	10,575	61,765	4,068	
'27	10	4	0	10	0	106,109	0	-55,520	4,126	10,575	65,289	543	
'28	10	4	0	10	0	106,109	0	-34,576	4,126	10,575	86,233	-20,400	
'29	10	2	0	10	0	106,109	0	-114,564	4,126	10,575	6,245	59,587	
'30	10	8	0	10	0	106,109	0	0	4,126	10,575	120,809	-54,976	
'31	10	0	0	10	0	106,109	0	-55,520	4,126	10,575	65,289	543	
'32	10	4	0	10	0	106,109	0	-59,044	4,126	10,575	61,765	4,068	
'33	10	4	0	10	0	106,109	0	-90,096	4,126	10,575	30,713	35,120	
10 Year Savings											\$14,120	Net Sustainable Impact	\$8,868

Current Fleet Equity Analysis

YEAR	2024	2025	2026	2027	2028	Year Utilized
QTY	10	0	0	0	0	0
Est \$	\$4,000	\$0	\$0	\$0	\$0	\$0
TOTAL	\$40,000	\$0	\$0	\$0	\$0	\$0
Estimated Current Fleet Equity**					\$40,000	

* Lease Rates are conservative estimates
 ** Estimated Current Fleet Equity is based on the current fleet "sight unseen" and can be adjusted after physical inspection
 Lease Maintenance costs are exclusive of tires unless noted on the lease rate quote.

KEY OBJECTIVES

- Lower average age of the fleet**
30% of the current light and medium duty fleet is over 10 years old. Resale of the aging fleet is significantly reduced.
- Reduce operating costs**
Newer vehicles have a significantly lower maintenance expense. Newer vehicles have increased fuel efficiency with new technology implementations.
- Maintain a manageable vehicle budget**
Challenged by inconsistent yearly budgets. Currently vehicle budget is underfunded.



* Annual maint costs are based on a national average for like vehicles, actual GRPU fleet maint expense were higher (\$14,404,2023 = \$16,802.22, 2022 = \$17,865.49, 2021 = \$14,403.28, 2020 = \$8,884.23, 2019 = \$14,065.55. As a result, the assessment provided is conservative and actually leans more favorably towards GRPU.

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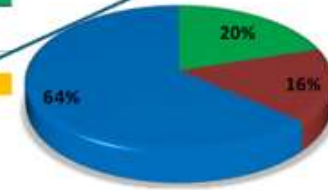
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Compared to original budget

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10 Year Savings											\$14,120	Net Sustainable Impact	\$8,868

Current Fleet Equity Analysis

YEAR	2024	2025	2026	2027	2028	Un-Utilized
QTY	10	0	0	0	0	0
Est \$	\$4,000	\$0	\$0	\$0	\$0	\$0
TOTAL	\$40,000	\$0	\$0	\$0	\$0	\$0
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