



LED Streetlight Conversion (TA22)



Description: This project provides for the replacement of all remaining city-owned and maintained high pressure sodium (HPS) streetlights (approximately 3,200) with more energy efficient, light-emitting diode (LED) luminaires.

Changes from Previous Year: None.

Current Project Appropriations

Prior Appropriations:	-
Less Expended as of 1/26/21:	-
Total Carryover:	-
New Funding:	-
Total FY 2022 Appropriations:	-

Critical Success Factor: Safe and Livable Neighborhoods and Stewardship of Infrastructure

Mandate/Plan: Vision Zero Action Plan; Strategy for Sustainable Rockville; Climate Action Plan

Anticipated Project Outcome: Safer streets and smarter, more energy efficient lighting.

Project Timeline and Total Cost by Type: No change.

Type	Estimated Start		Estimated Completion		Estimated Cost			
	Original	Current	Original	Current	Original	Current	\$ Change	% Change
Planning / Design	-	-	-	-	-	-	-	-
Construction	FY 2023	FY 2023	FY 2025	FY 2025	1,000,000	1,000,000	-	-
Other	-	-	-	-	-	-	-	-
Project Total (\$):					1,000,000	1,000,000	-	-

Project Funding: This project is partially funded. Current funding covers replacement of approximately 2,000 non-decorative HPS fixtures. The unfunded portion of this project covers the remaining 1,200 decorative fixtures.

Source	Prior	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future	Total
Paygo (Cap)	-	-	750,000	-	-	-	-	750,000
Grants (Cap)	-	-	250,000	-	-	-	-	250,000
Total Funded (\$)	-	-	1,000,000	-	-	-	-	1,000,000
Unfunded (Cap)	-	-	-	1,100,000	1,100,000	-	-	2,200,000
Total w/Unfunded (\$)	-	-	1,000,000	1,100,000	1,100,000	-	-	3,200,000

Operating Cost Impact: Operating cost reductions in streetlight electricity is anticipated starting in FY 2024. Additional savings estimated at a total of \$60,000 per year would result from funding the unfunded portion of this project.

Fund	Prior	FY 2022	FY 2023	FY 2024	FY 2025	FY 2026	Future	Total
General	-	-	-	(100,000)	-	-	-	(100,000)

Project Manager: Andrew Luetkemeier, Principal Transportation Engineer, 240-314-8524.

Notes: This is a new project for FY 2022. Conversions would begin in FY 2023, coinciding with the city's Climate Action Plan, and would include the replacement of approximately 2,000 non-decorative HPS fixtures with LED. The city anticipates receiving rebates through the EmPower Maryland incentive program.