

LED Streetlight Conversion (TA22)



Description: This project provides for the replacement of all city-owned and maintained high pressure sodium (HPS) streetlights (approximately 3,200) with more energy efficient, light-emitting diode (LED) luminaires in three phases. Phase 1 includes approximately 2,000 standard light types, and Phases 2 and 3 each include approximately 600 decorative light types. Conversion of city streetlights to LED is action M-02 of the Climate Action Plan.

Changes from Previous Year: Grant funding was added through a budget amendment during FY 2025. The completion year changed to FY 2026 to allow for Maryland Energy Administration (MEA) grant agreement execution for Phase 3.

Current Project Appropriations

Prior Appropriations:	3,805,200
Less Expended as of 4/15/25:	1,116,935
Total Carryover:	2,688,265
New Funding:	-
Total FY 2026 Appropriations:	2,688,265

Guiding Principle: Stewardship of the Env. and Infrastructure

Mandate/Plan: Climate Action Plan; Vision Zero Action Plan

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

Project Timeline and Total Cost by Type: The city received several MEA grants, which reduced Capital Projects Fund paygo appropriations. Funding increased due to construction market conditions reflecting Phase 1 bid pricing, as well as funding the previously unfunded Phase 3. Due to grant agreement execution, project completion shifted to FY 2026.

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 2026	1,000,000	3,805,200	2,805,200	281%
Other	-	-	-	-	-	-	-	-
Project Total (\$):					1,000,000	3,805,200	2,805,200	281%

Project Funding: This project is fully funded, and includes MEA grant funding as well as funding anticipated through the Pepco EmpowerMD rebate program.

Source	Prior	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future	Total
Paygo (Cap)	2,725,375	-	-	-	-	-	-	2,725,375
Grants (Cap)	1,079,825	-	-	-	-	-	-	1,079,825
Total Funded (\$)	3,805,200	-	-	-	-	-	-	3,805,200
Unfunded (Cap)	-	-	-	-	-	-	-	-
Total w/Unfunded (\$)	3,805,200	-	-	-	-	-	-	3,805,200

Operating Cost Impact: Operating cost reduction in streetlight electricity.

Fund	Prior	FY 2026	FY 2027	FY 2028	FY 2029	FY 2030	Future	Total
General	-	(75,000)	(30,000)	-	-	-	-	(105,000)

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

Notes: This project first appeared in the FY 2022 CIP. FY 2026 work includes the completion of Phase 3. The city anticipates receiving rebates through the Pepco EmPowerMD incentive program, and has secured funding from MEA grant opportunities.