Henderson Avenue Storm Drain & Roadway Improvement -- No. 501108

Category	**Conservation of Natural Resources**	Date Last Modified	**January 09, 2010**
Subcategory	**Storm Drains**	Required Adequate Public Facility	**No**
Administering Agency	**Transportation**	Relocation Impact	**None.**
Planning Area	**Kensington-Wheaton**	Status	**Final Design Stage**

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY09	Est. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	365	0	0	365	150	215	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	3	0	0	3	3	0	0	0	0	0	0
Construction	1,902	0	0	1,902	172	1,730	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**2,270**	**0**	**0**	**2,270**	**325**	**1,945**	**0**	**0**	**0**	**0**	**0**

FUNDING SCHEDULE ($000)

G.O. Bonds	2,247	0	0	2,247	302	1,945	0	0	0	0	0
Intergovernmental	23	0	0	23	23	0	0	0	0	0	0
Total	**2,270**	**0**	**0**	**2,270**	**325**	**1,945**	**0**	**0**	**0**	**0**	**0**

OPERATING BUDGET IMPACT ($000)

Maintenance				4	0	0	1	1	1	1
Net Impact				**4**	**0**	**0**	**1**	**1**	**1**	**1**

DESCRIPTION

This project provides for reconstruction of full depth pavement and construction of storm drain improvements along Henderson Avenue from east of Georgia Avenue to its terminus at Wheaton Regional Park. The specific improvements include construction of storm drain system, curb and gutters, bio retention facilities, and reconstruction/resurfacing of the roadway surface within a typical 25-foot roadway section.

CAPACITY

The storm drain design is based on the ten-year storm frequency interval.

ESTIMATED SCHEDULE

Design to be completed in the fall of 2010. Utility relocations to commence in the winter of 2010 and take approximately six months to complete. Construction to start in the summer of 2011 and take approximately 12 months to complete.

JUSTIFICATION

The community has experienced severe flooding of the road, yards, driveways, and garages during rain storms and has repeatedly requested storm drain improvements. The community submitted a petition to the Office of the County Executive to request improvements to the poor drainage condition in the area and deteriorated pavement of Henderson Avenue. As a result of the petition, the design of this project started under Facility Planning: Storm Drains (CIP No. 508180). This project is to alleviate inundation and stagnating water on private properties along Henderson Avenue from east of Georgia Avenue to its terminus at Wheaton Regional Park (approximate length of 2200 linear feet). The installation of proposed storm drain system is followed by the reconstruction/resurfacing of the pavement section. The project would benefit all 40 residences in the community, which are impacted by storm events.

OTHER

The project has been designed under Facility Planning: Storm Drains (CIP No. 508180). Intergovernmental represents Washington Suburban Sanitary Commission's share of utility adjustment costs.

FISCAL NOTE

Intergovernmental revenue is from the Washington Suburban Sanitary Commission for its agreed share of water and sewer relocation costs.

OTHER DISCLOSURES

- A pedestrian impact analysis has been completed for this project.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY11	($000)
First Cost Estimate Current Scope	FY11	2,270
Last FY's Cost Estimate		0
Appropriation Request	FY11	2,270
Appropriation Request Est.	FY12	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		0
Expenditures / Encumbrances		0
Unencumbered Balance		0
Partial Closeout Thru	FY08	0
New Partial Closeout	FY09	0
Total Partial Closeout		0

COORDINATION

Maryland-National Capital Park and Planning Commission
Department of Parks
Maryland State Highway Administration (MSHA)
Department of Transportation
Department Technology Services
Department of Permitting Services
Washington Suburban Sanitary Commission
Washington Gas
Pepco
Verizon

MAP

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