

Pkg Beth Waste Water Quality -- No. 509410

Category **Transportation**
 Agency **Public Works & Transportation**
 Planning Area **Bethesda-Chevy Chase**
 Relocation Impact **None**

Date Last Modified
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 Required Adequate Public Facility

January 12, 2005
11-115 (01 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY04	Remain. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	601	601	0	0	0	0	0	0	0	0	0
Land											
Site Improvements and Utilities											
Construction	1,291	1,241	50	0	0	0	0	0	0	0	0
Other											
Total	1,892	1,842	50	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

Current Revenue:											
Parking - Bethesda	1,892	1,842	50	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for the modification of storm and sanitary sewer lines, the installation of a stormceptor system, and WSSC-approved oil/sand interceptors in several garages in Bethesda.

Service Area

Bethesda Parking Lot District.

JUSTIFICATION

Legal requirements - Code of Maryland [COMAR] 26.08.01 [Water Pollution]; WSSC 514.6, 628.1, 701.3, and 702.1; and BOCA Basic Plumbing Code, Item 15.

Specific Data

Under the Maryland Department of the Environment discharge permit, the effluent that discharges into the storm system must comply with metal limits (copper, lead, and zinc) not previously required and which are not effectively removed by gravity separators. To ensure compliance, washdown from all parking levels within a parking structure will be discharged into the WSSC sanitary system through a WSSC-approved oil/sand interceptor. A waiver has been obtained from WSSC for the installation of a pneumatically operated ball valve that is normally open to the storm drain system and closed to the sanitary system. In order to open the valve to the sanitary system during deck washing operations, a portable air compressor would be attached to actuate the valve. In addition, the valve will be equipped with a spring-diaphragm which returns the valve to the normally closed position (to the sanitary system) upon completion of deck washing operations and removal of the air compressor. The spring-diaphragm actuator will be provided with a mechanical lockout which prevents the valve from being actuated unless a keyed entry is provided. Parking Garages 40 and 57 have been added to comply with Federal and State laws.

Cost Change

Not applicable.

STATUS

Modifications to Garages 11, 11A, 35, 47, and 47A are complete. Modifications to Garages 40 and 57 are programmed to commence construction December 2001.

OTHER

The modifications funded in this project are required for the department to perform garage cleaning activities [washdown, etc.]. Construction will be staged so as to minimize the loss of spaces. Construction is scheduled as follows: FY02-03 Garages 40 and 57. This completes waste water compliance with the new regulations in the Bethesda Parking Lot District.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY94	(\$000)
Initial Cost Estimate		600
First Cost Estimate		
Current Scope	FY97	1,043
Last FY's Cost Estimate		1,735
Present Cost Estimate		1,892
Appropriation Request	FY06	-367
Supplemental		
Appropriation Request	FY05	0
Transfer		0
Cumulative Appropriation		2,259
Expenditures/		
Encumbrances		1,857
Unencumbered Balance		402
Partial Closeout Thru	FY03	0
New Partial Closeout	FY04	0
Total Partial Closeout		0

COORDINATION

Department of Environmental Protection
 WSSC
 State of Maryland
 Bethesda Chevy Chase Regional Services Center
 Bethesda Urban District
 Bethesda Del Ray/Auburn Garage 36
 Bethesda Facility Renovations

MAP

