

Indoor Air Quality Improvements-Brookville Depot -- No. 500303

Category
Agency
Planning Area
Relocation Impact

General Government
Public Works & Transportation
Countywide
None

Date Last Modified
Required Adequate Public Facility

January 6, 2006
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY05	Est. FY06	Total 6 Years	FY07	FY08	FY09	FY10	FY11	FY12	Beyond 6 Years
Planning, Design and Supervision	335	6	205	124	124	0	0	0	0	0	0
Land											
Site Improvements and Utilities											
Construction	1,790	0	0	1,790	1,790	0	0	0	0	0	0
Other	77	0	0	77	77	0	0	0	0	0	0
Total	2,202	6	205	1,991	1,991	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	2,202	6	205	1,991	1,991	0	0	0	0	0	0
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ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for the investigation and re-design/improvements to HVAC systems and other miscellaneous building and architectural modifications to improve the indoor air quality at the Brookville Depot. The source, type, and severity of the indoor air pollution will dictate the specific remedial work required.

JUSTIFICATION

Building "H" in the Silver Spring Depot has been identified as needing immediate relief from indoor air contamination by diesel exhaust fumes. Consultant studies and reports indicate that diesel exhaust fumes from idling buses enter into Building "H". The exhaust fumes carry noxious gases which cause eye irritation and other health problems. Testing and inspection found several pathways for diesel exhaust fumes to enter the building. The existing HVAC systems also do not provide adequate ventilation to meet current ASHRAE standards. The National Institute for Occupational Safety and Health (NIOSH) recommends controlling diesel exposure at the lowest possible level.

Plans and Studies

Indoor Air Quality survey, inspection, and testing were completed and reports were prepared by a consultant in May 2001. A pedestrian impact analysis has been completed for this project.

Cost Change

Decrease due to the removal of air quality improvements for the Equipment and Maintenance Operations Center (EMOC). Air quality improvements at EMOC will be addressed through the Indoor Air Quality Improvements - EMOC project.

STATUS

Design stage.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY05	(\$000)
Initial Cost Estimate		3,805
First Cost Estimate		
Current Scope	FY07	2,202
Last FY's Cost Estimate		4,577
Present Cost Estimate		2,202
Appropriation Request	FY07	-2,375
Appropriation Request Est.	FY08	0
Supplemental		
Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		4,577
Expenditures/		
Encumbrances		135
Unencumbered Balance		4,442
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Department of Permitting Services
Department of Public Works and Transportation
Division of Capital Development
Division of Fleet Management Services

MAP

