

MAC Diving Tower Replacement -- No. 720702

Category
Subcategory
Administering Agency
Planning Area

Culture and Recreation
Recreation
General Services
Rockville

Date Last Modified
Required Adequate Public Facility
Relocation Impact
Status

May 11, 2011
No
None.
Under Construction

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY10	Rem. FY10	Total 6 Years	FY11	FY12	FY13	FY14	FY15	FY16	Beyond 6 Years
Planning, Design, and Supervision	439	439	0	0	0	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	0	0	0	0	0	0	0	0	0	0	0
Construction	1,254	1,164	90	0	0	0	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	1,695	1,605	90	0	0	0	0	0	0	0	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	1,695	1,605	90	0	0	0	0	0	0	0	0
Total	1,695	1,605	90	0							

DESCRIPTION

The original two 1-meter dive stands, one 3-meter dive stand and 5, 7-1/2 & 10 meter dive platforms, all made of steel and concrete, are 16 years old. There are three dive platforms as well as a launch for the water flume. The dive stands and three platforms consist of steel pipe columns, tubes, and stringers. The tower and dive platforms receive support from the foundation footings. The horizontal platforms connect to the building superstructure along the north exterior wall of the diving pool. The steel structures of the dive stands and platforms are deteriorating due to corrosion and a consultant was hired to study the causes of corrosion, degree of deterioration and safety analysis.

COST CHANGE

Construction cost escalation.

JUSTIFICATION

Consultant's studies revealed that the existing design does not allow proper water drainage, which has created structural deterioration due to corrosion. The degree of corrosion is significant. The consultant strongly recommended replacement of (a) two 1-meter dive stands, rails and boards, (b) one 3-meter dive stand, rail and board, (c) 5, 7-1/2 & 10 meter dive platforms, (d) all piping, electrical components and pumps that are used to operate the water slide, (e) renovation of the water slide and (f) installation of a new communication system from the top of the slide to the splash down area for staff communication.

APPROPRIATION AND EXPENDITURE DATA

Date First Appropriation	FY07	(\$000)
First Cost Estimate	FY07	1,309
Current Scope		1,309
Last FY's Cost Estimate		1,841
Appropriation Request	FY12	0
Supplemental Appropriation Request		0
Transfer		-146
Cumulative Appropriation		1,841
Expenditures / Encumbrances		1,675
Unencumbered Balance		166
Partial Closeout Thru	FY09	0
New Partial Closeout	FY10	0
Total Partial Closeout		0

COORDINATION

Department of Recreation
Department of General Services
Department of Permitting Services

