Burning Tree Road Bridge No. M-112 -- No. 500803

Category	Transportation	Date Last Modified	January 09, 2008
Subcategory	Bridges	Required Adequate Public Facility	No
Administering Agency	Public Works & Transportation	Relocation Impact	None.
Planning Area	Bethesda-Chevy Chase	Status	Final Design Stage

EXPENDITURE SCHEDULE ($000)

Cost Element	Total	Thru FY07	Est. FY08	Total 6 Years	FY09	FY10	FY11	FY12	FY13	FY14	Beyond 6 Years
Planning, Design, and Supervision	494	0	162	332	332	0	0	0	0	0	0
Land	0	0	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities	37	0	5	32	32	0	0	0	0	0	0
Construction	895	0	296	599	599	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	**1,426**	**0**	**463**	**963**	**963**	**0**	**0**	**0**	**0**	**0**	**0**

FUNDING SCHEDULE ($000)

Federal Aid	788	0	252	536	536	0	0	0	0	0	0
G.O. Bonds	638	0	211	427	427	0	0	0	0	0	0
Total	**1,426**	**0**	**463**	**963**	**963**	**0**	**0**	**0**	**0**	**0**	**0**

DESCRIPTION

This project provides for the replacement of the superstructure of the Burning Tree Road Bridge No. M-112. The existing bridge abutments will be reused with minor modifications to support the new superstructure. Repairs to the concrete abutments will be made as necessary to renew the integrity of the concrete surface. Minor approach roadway work will be performed to tie the rehabilitated bridge to the existing roadway. The new superstructure will provide two 11-foot travel lanes with 2-foot and 5-foot shoulders on the west and east side of the new superstructure and 5-foot sidewalks on each side.

JUSTIFICATION

The existing bridge was built in 1963 as a single-span pre-stressed concrete, voided beam bridge with an asphalt wearing surface. The bridge is currently posted for a 52,000 lb. limit for a single-unit truck and a 68,000 lb. limit for a combination-unit truck. The 2005 Bridge Inspection Report indicates the existing pre-stressed concrete voided slabs are in poor condition. The bridge is considered structurally deficient.

Burning Tree Road is considered a secondary residential road, and it does not have a master plan designation in the 1990 Approved Bethesda/Chevy Chase Master Plan. Implementation of this project will allow the bridge to be restored to full capacity.

OTHER

The design cost for this project is included in the Facility Planning: Bridges Project No. 509132. Construction and construction management costs for this project are eligible for up to 80 percent Federal Aid.

OTHER DISCLOSURES

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

APPROPRIATION AND EXPENDITURE DATA

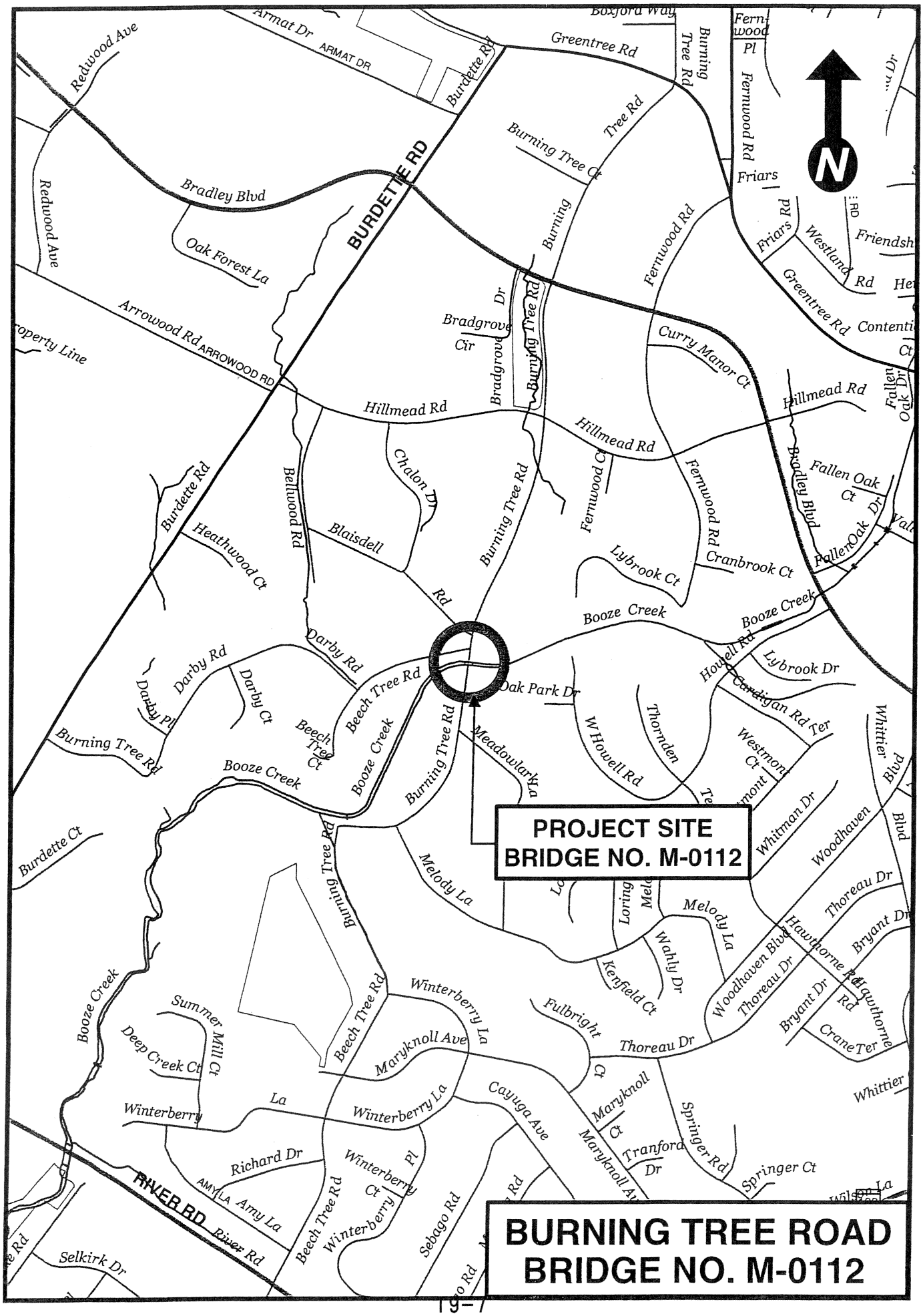
Date First Appropriation	FY08	($000)
First Cost Estimate Current Scope	FY08	1,426
Last FY's Cost Estimate		1,426
Appropriation Request	FY09	0
Appropriation Request Est.	FY10	0
Supplemental Appropriation Request		0
Transfer		0
Cumulative Appropriation		1,426
Expenditures / Encumbrances		5
Unencumbered Balance		1,421
Partial Closeout Thru	FY06	0
New Partial Closeout	FY07	0
Total Partial Closeout		0

COORDINATION

Maryland State Highway Administration
Federal Highway Administration
Maryland Department of the Environment
Montgomery County Department of Permitting Services
Maryland-National Capital Park and Planning Commission
Pepco
Verizon
Comcast
Washington Gas
Facility Planning: Bridges--509132

MAP

See Map on Next Page


PROJECT SITE
BRIDGE NO. M-0112
BURNING TREE ROAD
BRIDGE NO. M-0112
BURDETTE RD
RIVER RD
Redwood Ave
Armat Dr
ARMAT DR
Burdette Rd
Greentree Rd
Boxford Way
Burning Tree Rd
Fernwood Pl
Fernwood Rd
Friars
Friars Rd
Westland Rd
Friendsh
Greentree Rd
Contenti
Ct
Bradley Blvd
Oak Forest La
Arrowood Rd
ARROWOOD RD
Property Line
Burning Tree Ct
Tree Rd
Burning
Fernwood Rd
Bradgrove Dr
Bradgrove Cir
Curry Manor Ct
Hillmead Rd
Fallen Oak Dr
Fallen Oak Ct
Fallen Oak Dr
Bradley Blvd
Chalon Dr
Bellwood Rd
Blaisdell Rd
Heathwood Ct
Burdette Rd
Fernwood Ct
Lybrook Ct
Cranbrook Ct
Booze Creek
Howell Rd
Lybrook Dr
Cardigan Rd
Ter
Darby Rd
Darby Pl
Darby Ct
Beech Tree Rd
Beech Tree Ct
Oak Park Dr
W Howell Rd
Thornden
Westmont Ct
Whittier Blvd
Burning Tree Rd
Meadowlark La
Whitman Dr
Woodhaven Blvd
Burdette Ct
Melody La
Loring
Melody La
Thoreau Dr
Bryant Dr
Hawthorne Rd
Wahly Dr
Kenfield Ct
Woodhaven Blvd
Thoreau Dr
Bryant Dr
Crane Ter
Winterberry La
Fulbright Ct
Thoreau Dr
Summer Mill Ct
Deep Creek Ct
Maryknoll Ave
Cayuga Ave
Maryknoll Ct
Springer Rd
Springer Ct
Winterberry La
Winterberry La
Richard Dr
Winterberry Ct
Winterberry Pl
Tranford Dr
Amy La
Amy La
Beech Tree Rd
Sebago Rd
Selkirk Dr
Whittier