

Travilah Road -- No. 500101

Category **Transportation**
Agency **Public Works & Transportation**
Planning Area **Potomac-Travilah**
Relocation Impact **None.**

Date Last Modified
Required Adequate Public Facility

May 18, 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	1,760	1,076	94	590	135	315	0	0	100	40	0
Land	3,745	132	3,451	162	84	78	0	0	0	0	0
Site Improvements and Utilities	1,932	8	0	1,924	34	1,590	0	0	0	300	0
Construction	3,726	7	377	3,342	1,000	1,782	0	0	0	560	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	11,163	1,223	3,922	6,018	1,253	3,765	0	0	100	900	0

FUNDING SCHEDULE (\$000)

G.O. Bonds	11,055	1,155	3,902	5,998	1,253	3,745	0	0	100	900	0
Contributions	88	68	20	0	0	0	0	0	0	0	0
Intergovernmental	20	0	0	20	0	20	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

Energy				28	0	0	7	7	7	7	0
Net Impact				28	0	0	7	7	7	7	0

DESCRIPTION

This project provides funds for the design, land acquisition, and construction of the 14,400-foot section of Travilah Road between Darnestown Road and Dufief Mill Road. The improvements will be constructed in two phases: Phase I: construction of a closed-section roadway from Darnestown Road to Nolan Drive, with a pavement width that will transition to 24 feet at a point 400 feet west of Nolan Drive; widening the pavement to 24 feet between Nolan Drive and Lake Winds Way; a left-turn lane on Travilah Road at the Piney Meetinghouse Road intersection; widening the pavement to 22 feet from Lake Winds Way to Dufief Mill Road; an 8-foot wide paved bikeway along the northern side of the roadway from Darnestown Road to Dufief Mill Road; a 4-foot wide grass shoulder and a drainage ditch along the northern side of the roadway from a point 400 feet west of Nolan Drive to Dufief Mill Road; vertical alignment revisions at the Mount Prospect Drive intersection and a location 400 feet west of Welland Terrace; streetlights along the southern side of the roadway and lighting along the bikeway; landscaping along the northern side of the roadway; and a right-turn lane into Piney Meetinghouse Road. The Phase II improvements along the south side of the roadway would include: an 8-foot wide grass shoulder and drainage ditch from 400 feet west of Nolan Drive to Dufief Mill Road; relocation of the roadside utility poles; and landscaping.

Service Area

Potomac subregion. The master plan designates Travilah Road between Dufief Mill Road and Darnestown Road as a primary roadway.

Capacity

The 1997 and design year 2010 average daily traffic volumes are 7,400 and 11,000 vehicles, respectively.

JUSTIFICATION

Travilah Road between Nolan Drive and Dufief Mill Road is an open-section roadway that lacks shoulders and adequate roadside drainage; pavement width varies from 20 to 22 feet, leaving inconsistent roadway cross-sections and isolated segments of sidewalk. Thirty-seven reported traffic accidents occurred on this section of the road over a 3-year period, and localized roadway flooding occurs during rainstorms. The project will improve vehicular safety, roadside drainage efficiency, and provide bikeway and pedestrian connectivity.

Plans and Studies

A pedestrian impact analysis has been completed for this project.

Cost Change

Increase due to inflation and increased land values.

STATUS

Final design stage.

OTHER

Preliminary design costs were funded from Facility Planning: Transportation project. Phase II will be constructed in stages as development occurs along the south side of the roadway. The County will participate with developers in the construction of Phase II improvements during the development of adjacent subdivisions. The right-turn lane from Travilah Road onto Piney Meetinghouse Road could not be constructed as a part of the Piney Meetinghouse Road project. That work is now programmed in the Subdivision Roads Participation project. The main area of cost increase is the increased land values.

FISCAL NOTE

Developer contribution of \$88k.

APPROPRIATION AND EXPENDITURE DATA

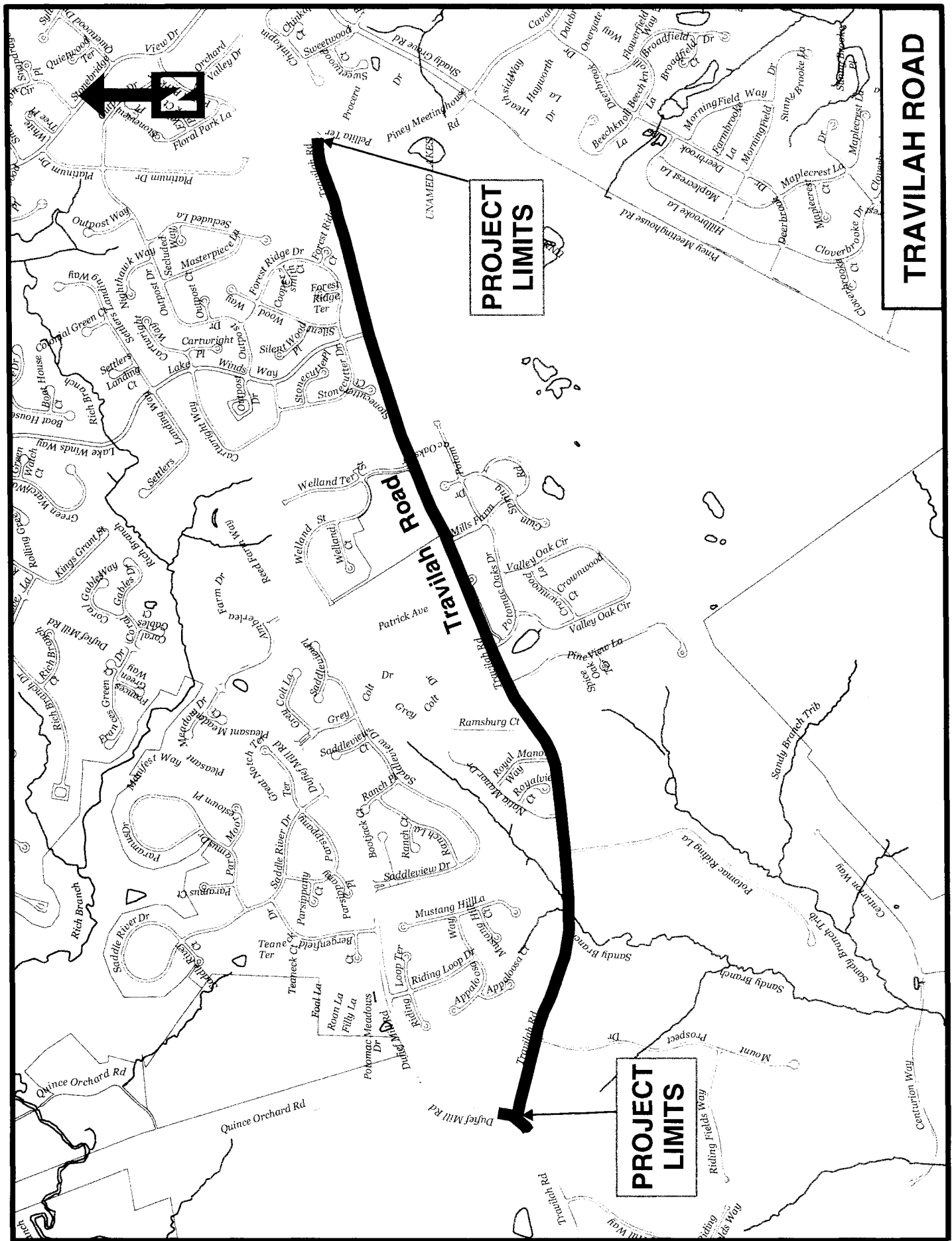
Date First Appropriation	FY01	(\$000)
Initial Cost Estimate		8,260
First Cost Estimate		
Current Scope	FY05	10,198
Last FY's Cost Estimate		10,198
Present Cost Estimate		11,163
Appropriation Request	FY07	965
Appropriation Request Est.	FY08	0
Supplemental		
Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		9,198
Expenditures/		
Encumbrances		1,535
Unencumbered Balance		7,663
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Maryland-National Capital Park and Planning Commission
PEPCO
Verizon
Department of Permitting Services
Washington Gas and Light
Washington Suburban Sanitary Commission
Department of Environmental Protection
Maryland Department of the Environment
U. S. Army Corps of Engineers
Facility Planning: Transportation
Subdivision Roads Participation Project: Piney Meetinghouse Road

MAP

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TRAVILAH ROAD

PROJECT
LIMITS

PROJECT
LIMITS