Woodfield Road Extended -- No. 500151

Category	**Transportation**	Date Last Modified	**May 18, 2006**
Agency	**Public Works & Transportation**	Required Adequate Public Facility	**NO**
Planning Area	**Damascus**		
Relocation Impact	**None.**		

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	2,058	876	407	775	142	633	0	0	0	0	0
Land	1,805	112	1,055	638	638	0	0	0	0	0	0
Site Improvements and Utilities	813	3	0	810	13	797	0	0	0	0	0
Construction	6,767	0	0	6,767	1,398	5,369	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	11,443	991	1,462	8,990	2,191	6,799	0	0	0	0	0

FUNDING SCHEDULE ($000)

G.O. Bonds	8,785	961	1,377	6,447	851	5,596	0	0	0	0	0
Contributions	30	30	0	0	0	0	0	0	0	0	0
Impact Tax	2,446	0	85	2,361	1,340	1,021	0	0	0	0	0
Intergovernmental	182	0	0	182	0	182	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

Maintenance				16	0	0	4	4	4	4	0
Energy				8	0	0	2	2	2	2	0
Net Impact				24	0	0	6	6	6	6	0

DESCRIPTION

This project provides a 3,000 foot extension of Woodfield Road from 1,200 feet north of Main Street, (MD 108), to Ridge Road, (MD 27). The scope of work includes the design, land acquisition, and construction of a 1,450 foot segment of Ridge Road from 450 feet south of the existing Ridge Road / Faith Lane intersection to 300 feet north of the Ridge Road / Gue Road intersection. The roadway improvements include: extension of Woodfield Road as a 28-foot wide closed-section roadway with two 14-foot wide traffic lanes; provision of auxiliary left-turn lanes on Woodfield Road at Faith Lane and Ridge Road; realignment of Faith Lane to intersect Woodfield Road at a point 350 feet south of Ridge Road; construction of a seperated 8-foot wide bikeway along the eastern side of Woodfield Road Extended from Main Street to Ridge Road; widening Ridge Road to provide two 12-foot wide travel lanes, two 4-foot wide paved shoulders, and an auxiliary left turn lane at the proposed intersection with Woodfield Road; revisions to the Ridge Road vertical alignment to improve the sight distance along a 600 foot segment of the roadway to north of Woodfield Road Extended; and streetlighting and landscaping. Woodfield Road Extended and Ridge Road improvements will be constructed within an 80-foot wide right-of-way.

Service Area

Damascus and vicinity. Woodfield Road Extended is designated an arterial road in the Damascus Master Plan.

Capacity

The design year 2020 projected Average Daily Traffic (ADT) volume is 20,000 vehicles.

JUSTIFICATION

This project is needed to alleviate traffic congestion and improve safety and sight distance in the Damascus business area. Traffic forecasts and analysis show that five intersections in the town will begin to fail shortly after the year 2010 without the construction of Woodfield Road Extended. The construction of Woodfield Road will reduce the projected traffic volume in year 2020 along Ridge Road between Woodfield Road and High Corner Street from 28,000 to 17,500 vehicles per day, and on Ridge Road between High Corner Street and Main Street traffic volume will be lowered from 19,100 to 5,400 vehicles per day.

Plans and Studies

A pedestrian impact analysis has been completed for this project.

Cost Change

Increase due to inflation. Total cost of this project has been decreased by $67k which is now programmed in the Advanced Reforestation project.

STATUS

Final design stage.

FISCAL NOTE

The intergovernmental and contribution revenue represent Washington Suburban Sanitary Commission's (WSSC) share of utility relocation costs and the developer's share of the project costs, respectively.

APPROPRIATION AND EXPENDITURE DATA

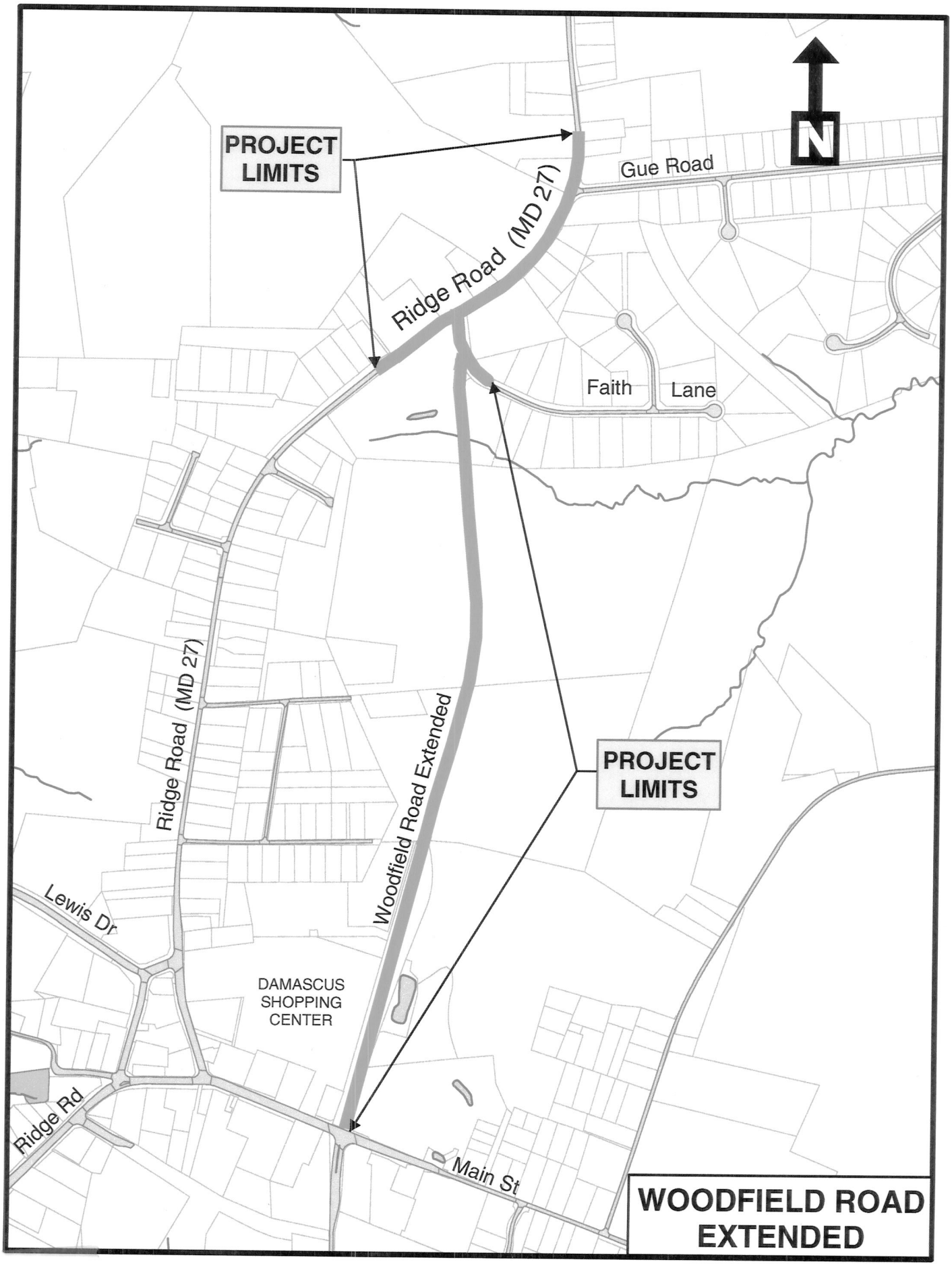
Date First Appropriation	FY01	($000)
Initial Cost Estimate		8,200
First Cost Estimate Current Scope	FY05	9,600
Last FY's Cost Estimate		9,600
Present Cost Estimate		11,443
Appropriation Request	FY07	1,843
Appropriation Request Est.	FY08	0
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		9,600
Expenditures/ Encumbrances		1,202
Unencumbered Balance		8,398
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Damascus Park and Ride Lot
Facility Planning: Transportation
Utilities
Maryland Department of the Environment
Maryland State Highway Administration
Maryland-National Capital Park and Planning Commission
Maryland Historical Trust

MAP

See Map on Next Page


PROJECT LIMITS
Gue Road
Ridge Road (MD 27)
Faith
Lane
Ridge Road (MD 27)
Woodfield Road Extended
PROJECT LIMITS
Lewis Dr
DAMASCUS SHOPPING CENTER
Ridge Rd
Main St
N
WOODFIELD ROAD EXTENDED