Quince Orchard Road -- No. 500502

Category	**Transportation**	Date Last Modified	**May 15, 2006**
Agency	**Public Works & Transportation**	Required Adequate Public Facility	**NO**
Planning Area	**Gaithersburg Vicinity**		
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	872	147	422	303	303	0	0	0	0	0	0
Land	508	0	508	0	0	0	0	0	0	0	0
Site Improvements and Utilities	982	0	564	418	418	0	0	0	0	0	0
Construction	1,914	0	1,026	888	888	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0
Total	4,276	147	2,520	1,609	1,609	0	0	0	0	0	0

FUNDING SCHEDULE ($000)

G.O. Bonds	4,254	147	2,498	1,609	1,609	0	0	0	0	0	0
Intergovernmental	22	0	22	0	0	0	0	0	0	0	0

ANNUAL OPERATING BUDGET IMPACT ($000)

Energy				20	0	4	4	4	4	4	0
Net Impact				20	0	4	4	4	4	4	0

DESCRIPTION

This project is to provide safety spot improvements along 1.7 miles of Quince Orchard Road between Darnestown Road (MD 28) and 800' south of Horse Center Road. Improvements include modifications to the median and entrance at the Quince Orchard High School, sight distance improvements near the intersection of Wonder View Way, modification to the super elevation of Quince Orchard Road at the intersection with Damson Drive. The project also includes a new right turn lane from Quince Orchard Road to Dufief Mill Road. Provisions for pedestrians include a separated eight-foot wide bikeway along the entire west side of Quince Orchard Road from Darnestown Road to 800' south of Horse Center Road, and the construction of missing links of sidewalk along the east side of the roadway from Darnestown Road to Quince Mill/Turley Drive.

Service Area

Potomac Subregion (semi-rural residential area).

Capacity

Roadway capacity will remain the same.

JUSTIFICATION

This project will provide safety improvements: at Quince Orchard High School, at the intersection of Wonder View Way and Quince Orchard Road, and at the intersection with Damson Drive. To encourage alternate modes of travel and enhance pedestrian safety this project will provide a separated bikeway and sidewalks. Specific improvements include: widening the existing medians and aligning the entrance of the Quince Orchard High School with the shopping plaza to avoid haphazard crossing by the students, to reduce speed, and provide greater refuge area for pedestrians, especially students; improvements to the vertical curvature near the intersection of Wonder View Way and Quince Orchard Road to increase the sight distance for drivers and enhance safety.

Plans and Studies

The Department of Public Works and Transportation (DPWT) prepared a Transportation Facility Planning Study document entitled "Quince Orchard Road - Project Prospectus" in November 2001 which is consistent with the approved 2002 Potomac Subregion Master Plan. A pedestrian impact analysis has been completed for this project.

Cost Change

Construction cost increased due to higher unit prices in pavement and two phase construction.

STATUS

Phase I under construction, Phase II final design stage.

OTHER

Intergovernmental funding includes contributions by Washington Suburban Sanitary Commission (WSSC) towards water and sewer relocation.

APPROPRIATION AND EXPENDITURE DATA

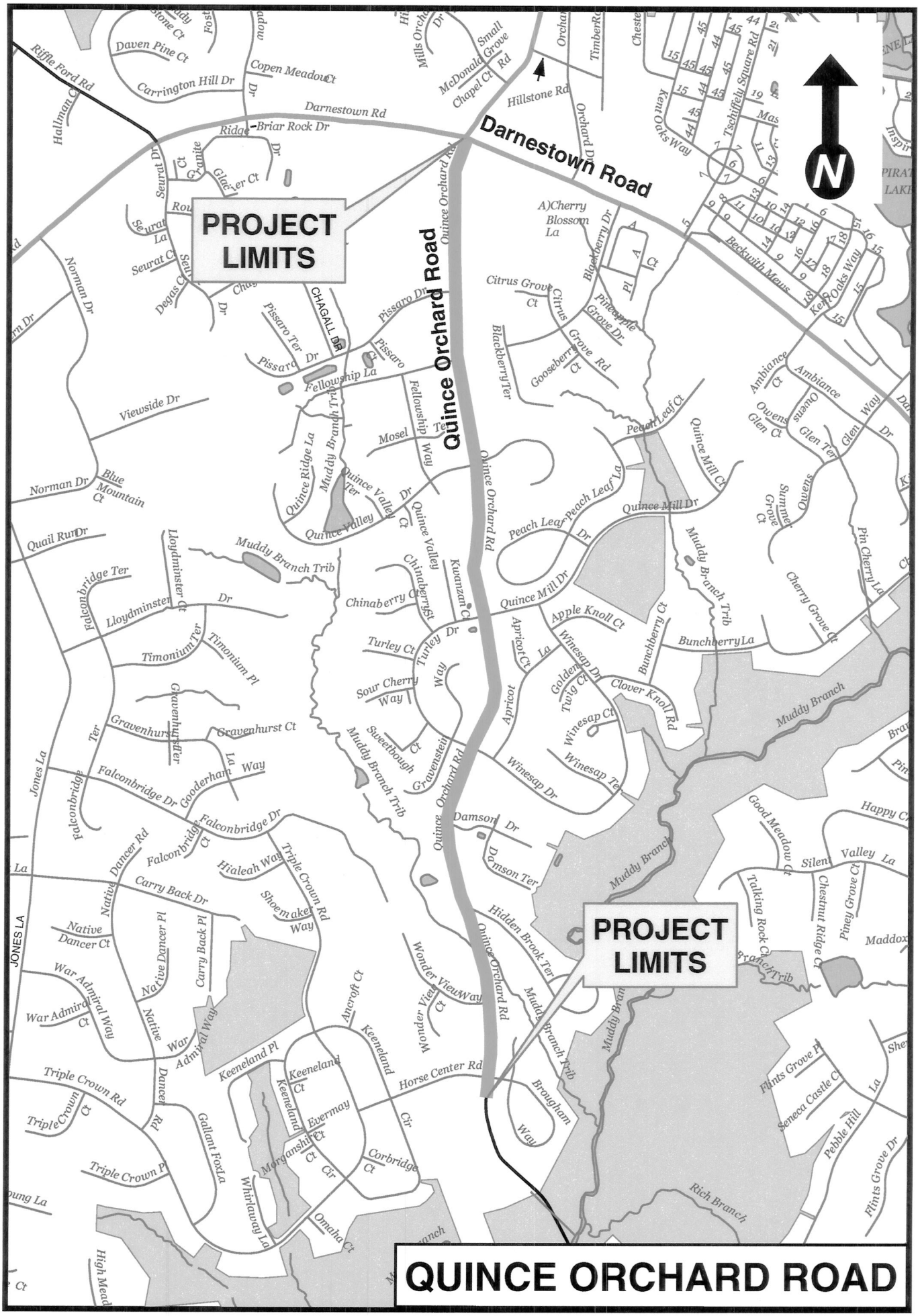
Date First Appropriation	FY05	($000)
Initial Cost Estimate		3,829
First Cost Estimate Current Scope	FY05	3,829
Last FY's Cost Estimate		3,829
Present Cost Estimate		4,276
Appropriation Request	FY07	447
Appropriation Request Est.	FY08	0
Supplemental Appropriation Request	FY06	0
Transfer		0
Cumulative Appropriation		3,829
Expenditures/ Encumbrances		216
Unencumbered Balance		3,613
Partial Closeout Thru	FY04	0
New Partial Closeout	FY05	0
Total Partial Closeout		0

COORDINATION

Department of Public Libraries
U.S. Army Corps of Engineers
Department of Environmental Protection
Maryland Department of Natural Resources
Maryland-National Capital Park and Planning Commission
Montgomery County Public Schools
US Fish and Wild Life Service
UpCounty Regional Services Center
Washington Suburban Sanitary Commission
PEPCO

MAP

See Map on Next Page


PROJECT LIMITS
Darnestown Road
Quince Orchard Road
PROJECT LIMITS
QUINCE ORCHARD ROAD
N
Darnestown Rd
Quince Orchard Rd
Hillstone Rd
Kent Oaks Way
Tschiffely Square Rd
Beckwith Mews
Blackberry Dr
Citrus Grove Ct
Pineapple Grove Dr
Gooseberry Ct
Blackberry Ter
Pissaro Dr
Pissaro Ter
CHAGALL DR
Fellowship La
Fellowship Way
Mosel Ter
Quince Ridge La
Muddy Branch Trib
Quince Valley Ter
Quince Valley Dr
Quince Valley Ct
Viewside Dr
Norman Dr
Blue Mountain Ct
Quail Run Dr
Muddy Branch Trib
Chinaberry Ct
Chinaberry St
Kwanzan Ct
Turley Ct
Turley Dr
Sour Cherry Way
Sweetbough Ct
Gravenstein Way
Muddy Branch Trib
Peach Leaf Ct
Peach Leaf La
Peach Leaf Dr
Quince Mill Ct
Quince Mill Dr
Muddy Branch Trib
Apple Knoll Ct
Apricot Ct
Apricot La
Winesap Dr
Golden Twig Ct
Bunchberry Ct
Bunchberry La
Clover Knoll Rd
Winesap Ct
Winesap Ter
Winesap Dr
Damson Dr
Damson Ter
Hidden Brook Ter
Muddy Branch
Muddy Branch Trib
Ambiance Ct
Owens Glen Ct
Glen Ter
Glen Way
Summer Grove Ct
Cherry Grove Ct
Pin Cherry La
Falconbridge Ter
Lloydminster Ct
Lloydminster Dr
Timonium Ter
Timonium Pl
Gravenhurst Ter
Gravenhurst Ct
Falconbridge Dr
Gooderham Way
Falconbridge Ct
Jones La
Native Dancer Rd
Carry Back Dr
Hialeah Way
Triple Crown Rd
Shoemaker Way
Native Dancer Ct
Native Dancer Pl
Carry Back Pl
War Admiral Way
War Admiral Ct
Native Dancer Rd
Keeneland Pl
Keeneland Ct
Keeneland Cir
Ancroft Ct
Wonder View Way
Wonder View Ct
Horse Center Rd
Triple Crown Rd
Triple Crown Ct
Triple Crown Pl
Gallant Fox La
Whirlaway La
Morganshire Ct
Evermay Ct
Corbridge Ct
Omaha Ct
Brougham Way
Rich Branch
Good Meadow Ct
Silent Valley La
Talking Rock Ct
Chestnut Ridge Ct
Piney Grove Ct
Maddox
Flints Grove Pl
Seneca Castle Ct
Pebble Hill La
Flints Grove Dr
JONES LA