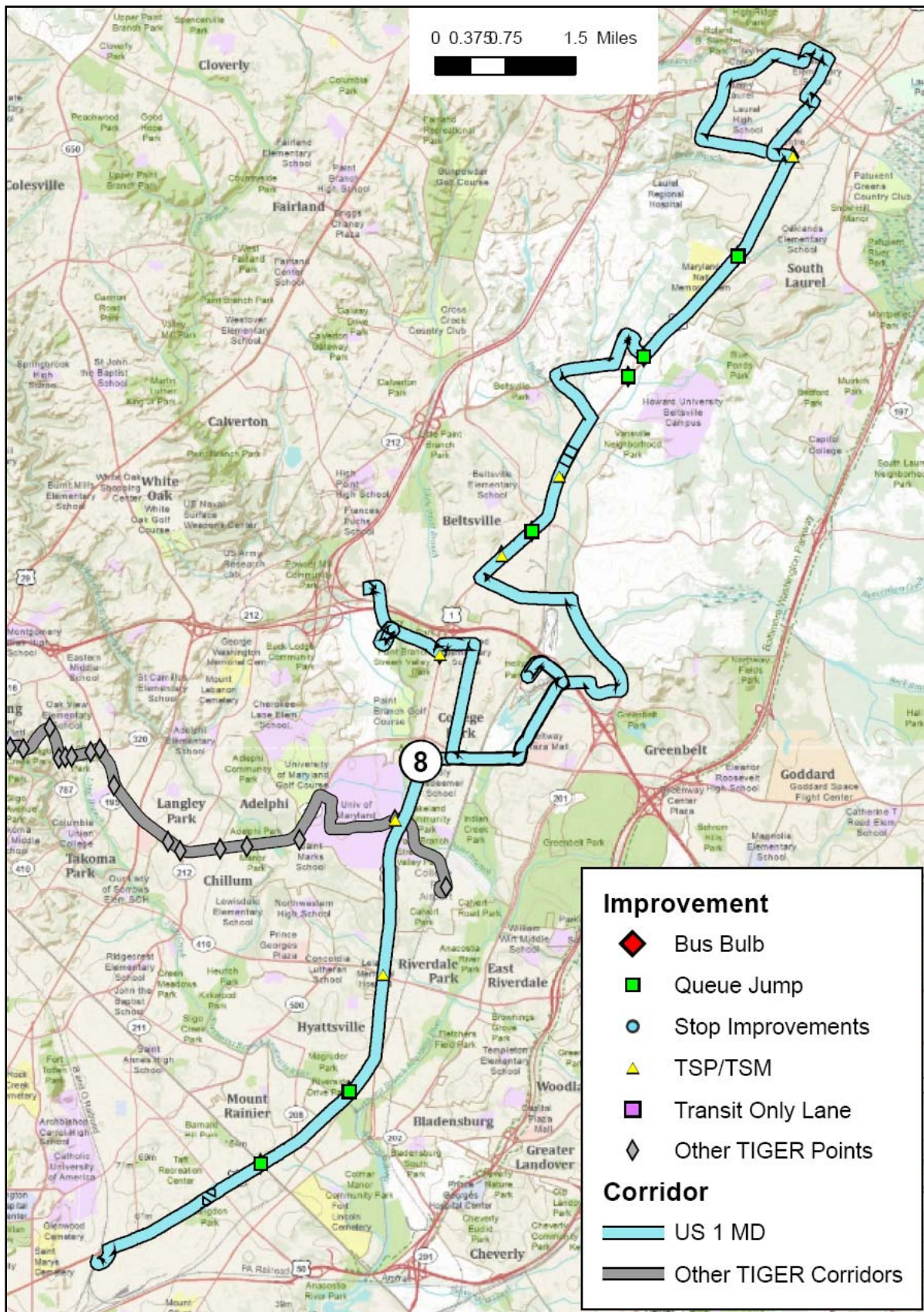


US 1 Project Map:



MD TIGER Grant Project

Overall Tasks	Agency Lead	WMATA Budget	TIGER Budget	2010 MayJuneJulyAugSepOctNovDec	2011 JanFebMarAprMayJuneJulyAugSepOctNovDec	2012 JanFebMarAprMayJuneJulyAugSepOctNovDec	2013 JanFebMarAprMayJuneJulyAugSepOctNovDec	2014 JanFebMarAprMayJuneJulyAugSepOctNovDec	2015 JanFebMarAprMayJuneJulyAugSepOctNovDec
Project Management			\$37,445						
Reporting To COG (.5%) (SHA)	COG		\$28,855						
Project Management (WMATA)			\$8,590						
MOU Development/Establish administrative p	WMATA		\$0						
WMATA Board approval	WMATA		\$0						
Grant obligated	FTA		\$0						
Construction Administration (WMATA)			\$14,318						
Engineering/design (WMATA)			\$14,318						
Contingency Costs (WMATA)			\$1,579						
US Route 1 (MD) Transit Signal Priority (7 total) (\$220,000); Queue Jumps (6 locations) (\$517,340)									
US Route 1 (MD) Transit Signal Priority (7 total) (\$220,000);			\$220,000						
Vendor approvals	SHA		\$10,000						
Acceptance Testing and Approvals									
Design Specifications									
Performance Specifications									
Agency Coordination	WMATA	WMATA Cost							
Signal System Design									
Preliminary Scoping of Intersections	SHA		\$40,000						
Field Review for System Requirements									
Scope Refinement									
Existing Signal Timing Review									
TSP Timing Development									
TSP Detection Setting Development									
Intersection Device Design Drawings									
Timings Deployment									
Procurement									
Construction Details	SHA		\$20,000						
Design Specifications									
Equipment Delivery									
Installation									
Construction Management	SHA		\$150,000						
Signal System Equipment Upgrades									
Transit Vehicle Equipment Upgrades									
System acceptance Testing	WMATA								
System Intregation Testing									
Complete System Installation									
Performance Evaluation	WMATA Consultant	WMATA Cost							
Develop Performance Metrics									
Before Data Collection									
After Data Collection									
Data Analysis and Reporting									
Documentation									
Signal System Design Tech memo	WMATA Consultant	WMATA Cost							
Peformance Evaluation Tech memo									
System Deployment Tech memo									
Final Report									
Lessons Learned									
US 1 Queue Jumps			\$517,340						
Contee Road			\$181,340						
Planning	WMATA Consultant	WMATA Cost							
Environmental Review	SHA		\$5,000						
Design	WMATA Consultant	WMATA Cost							
SHA Review	SHA		\$35,000						
SHA Project Management	(On-site construction ins	SHA	\$6,731						
Construction (Includes Utility Relocation)	reconstruct and minor	SHA	\$134,609						
Muirkirk Meadows Road			\$56,500						
Planning	WMATA Consultant	WMATA Cost							
Environmental Review	SHA		\$5,000						
Design	WMATA Consultant	WMATA Cost							
SHA Review	Review of Traffic Model	SHA	\$20,000						
SHA Project Management	(On-site construction ins	SHA	\$1,500						
Construction (Includes Utility Relocation)	Scope - Signal Modificat	SHA	\$30,000						
Ritz Way			\$10,250						
Planning	WMATA Consultant	WMATA Cost							
Environmental Review	SHA		\$0						
Design	WMATA Consultant	WMATA Cost							
SHA Review	Review of Signal Mod. D	SHA	\$5,000						
SHA Project Management	(On-site construction ins	SHA	\$250						
Construction (Includes Utility Relocation)	Scope-Minor Modificati	SHA	\$5,000						
Sellman Road			\$36,000						
Planning	WMATA Consultant								
Environmental Review	SHA		\$5,000						
Design	WMATA Consultant								
SHA Review	Review of Traffic Model	SHA	\$10,000						
SHA Project Management	(5%of Total Construction	SHA	\$1,000						
Construction (Includes Utility Relocation)	Scope - Signal Modificat	SHA	\$20,000						
41st Place			\$176,500						
Planning	WMATA Consultant	WMATA Cost							
Environmental Review	SHA		\$5,000						
Design	WMATA Consultant	WMATA Cost							
SHA Review	Review of signal plans	SHA	\$14,000						
SHA Project Management	(On-site construction ins	SHA	\$7,500						
Construction (Includes Utility Relocation)	Scope - Geometric	SHA	\$150,000						
Improvements on S leg									
Eastern Avenue			\$56,750						
Planning	WMATA Consultant	WMATA Cost							
Environmental Review	SHA		\$5,000						
Design	WMATA Consultant	WMATA Cost							
SHA Review	Review of Traffic Model	SHA	\$15,000						
SHA Project Management	(On-site construction ins	SHA	\$1,750						
Construction (Includes Utility Relocation)	Scope- Signal	SHA	\$35,000						
Modifications and									
Total Line Item Budget			\$805,000						
Total Available through TIGER Grant			\$805,000						