



TRANSPORTATION & STREET IMPROVEMENTS PROGRAM

Project: Foster at Government (Intersection Improvements)

Green Light Program ID: DD
 Project Length (feet): Intersection Improvements
 Existing Typical Section: Four-lanes each direction
 Proposed Typical Section: Add additional turn lanes and upgrade the signalization.

Project Overview

Proposed project will construct a left-turn lane off of eastbound & westbound Government St. onto Foster Dr. , maintain two thru lanes on Government St. & Foster Dr. , and construct an additional left turn lane from southbound Foster Dr. to eastbound Government St..

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In association with:

PBS&J

GOTECH, Inc.

Neel-Schaffer, Inc.

Compliance Consultants, Inc.

Jones Walker, LLP

John C. Doiron
MAI Appraisal Services

Rampart Resources

SSA Consultants, LLC

ASSUMPTIONS

- High-traffic intersection with little or no additional right of way available.

UTILITIES

Possible Utilities	Existing	Adjust / Relocate
Underground Electric		
Overhead Electric	●	●
Overhead Electric Transmission		
Water	●	●
Sanitary Sewer	●	●
Telephone	●	●
CATV	●	●
Gas Distribution	●	●
Gas HP Pipeline		

HYDROLOGY / HYDRAULICS

- Existing drainage is curb and gutter with underground drainage which will be adequate for proposed project. The location of the inlets will change along the intersection to accommodate the additional turn lanes.

SIGNALIZED INTERSECTIONS

- Signalization and interconnection required at the intersection. Proposed project will construct a left-turn lane off of east bound & westbound Government Street onto Foster Drive, maintain two through lanes on Government Street and Foster Drive, and construct an additional left turn lane off of southbound Foster Drive onto eastbound Government Street.



RIGHT OF WAY IMPACTS

- Acquisition of property located on the north side of Government Street, on both sides of Foster Dr., on the east side of Foster Dr. south of Government, and on the west side of Foster Dr. north of Government.

ENVIRONMENTAL CONCERNS

- No wetland concerns noted.
- Potential hazardous substance issues regarding abandoned service station / oil changing station located at the northwest corner of the intersection.

SOILS

- Project area soils consist of poorly drained, slow to very slow permeable acid soil .
- Typical soil consist of Olivier Silt Loam.



COST ESTIMATE

Project Description:	Intersection Improvement		
Project Length:	Intersection		
	CONSTRUCTION COST		
Section 200 -	Earthwork	\$	204,669
Section 300 -	Base and Subbase Courses	\$	105,774
Section 400 -	Surface Courses	\$	-
Section 500 -	Pavements	\$	311,054
Section 600 -	Structures	\$	-
Section 700 -	Drainage Work	\$	58,760
Section 800 -	Sanitary Sewer Work	\$	800
Section 905 - 906	Pavement Markings & Signalization	\$	249,400
Section 907 - 911	Concrete Curbs & Sidewalks	\$	118,000
	SUBTOTAL CONSTRUCTION COST (2006 \$)	\$	1,048,457
MOBILIZATION		\$	83,877
NIGHT WORK PREMIUM		\$	262,114
	SUBTOTAL	\$	1,394,448
CONTINGENCY & UNFORESEEN CONDITIONS		\$	278,890
	SUBTOTAL	\$	1,673,337
	TOTAL CONSTRUCTION COST (2006 \$)	\$	1,673,337
UTILITY RELOCATIONS		\$	64,980
TESTING		\$	41,833
LIGHTING, LANDSCAPING, SEEDING		\$	66,933
ENVIRONMENTAL STUDY		\$	15,000
ENGINEERING		\$	167,334
ENVIRONMENTAL MITIGATION		\$	20,000
RIGHT-OF-WAY		\$	1,667,490
	SUBTOTAL	\$	3,716,908
PROGRAM & CONSTRUCTION MANAGEMENT		\$	185,845
	TOTAL PROJECT COST (2006 \$)	\$	3,902,753

Comments:

- Unit costs are assumed to include contractor overhead, profit and mark-ups
- Environmental mitigation will include environmental and protection of cultural resources
- Mobilization is expected to be 8% of construction cost
- Contingency and Unforeseen Conditions are expected to be 20% of construction cost
- Testing is expected to be 2.5% of construction cost
- Lighting, Landscaping, and Seeding is expected to be 4% of construction cost
- Note: Percent Cost is for the GLP Program Average and NOT project specific obligation
- Engineering is expected to be 10% of construction cost
- Program & Construction Management is expected to be 5% of project costs

