



TRANSPORTATION & STREET IMPROVEMENTS PROGRAM

Project: Veterans Memorial Blvd. Extension (Harriet Quimby to Blount Rd)

Green Light Program ID: JJ
 Project Length (feet): 4,120
 Existing Typical Section: No roadway present at this time
 Proposed Typical Section: Four-lane boulevard, curb & gutter

Project Overview

This project will consist of extending the existing four lane boulevard curb & gutter roadway from it's terminus at Harriet Quimby north, to the new terminus point at Blount Road. A right turn and left turn lane will be constructed from Blount Road on to Veteran Memorial Blvd.

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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

- Project located within a portion of Baton Rouge Metropolitan Airport property and under the jurisdiction of the FAA.
- Veterans Boulevard southbound traffic will need a left-turn lane for entry into the airport.

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 open ditch drainage used to drain Runway 13 will be crossed by the proposed roadway. A proposed 8' by 8' by 288' long box culvert was used in the cost estimate to cross the proposed drainage ditch.

TRAFFIC

- Projected Average Daily Traffic (ADT) for year 2030 is 26,636. The proposed project will provide a Level of Service (LOS) C for year 2030.



SIGNALIZED INTERSECTIONS

- No signalization required at either end of the project.

RIGHT OF WAY IMPACTS

- It appears the majority of the required right of way is owned by the Airport / City-Parish.

ENVIRONMENTAL CONCERNS

- Airport drainage ditch crosses in the project alignment. Estimate one acre for environmental mitigation.
- No other environmental issues noted at this time although changes in the alignment may require coordination with the FAA.

SOILS

- Project area is poorly drained, very slow permeable soils..
- Typical soils consist of Frost Silt Loam, Olivier Silt Loam & Verdun-Deerford Silt Loam



COST ESTIMATE

Project Description:		Four-lane boulevard, curb & gutter	
Project Length:		4120 Feet (0.78 miles)	
CONSTRUCTION COST			
Section 200 -	Earthwork	\$	329,235
Section 300 -	Base and Subbase Courses	\$	639,947
Section 400 -	Surface Courses	\$	-
Section 500 -	Pavements	\$	1,597,389
Section 600 -	Structures	\$	-
Section 700 -	Drainage Work	\$	898,590
Section 800 -	Sanitary Sewer Work	\$	400
Section 905 - 906	Pavement Markings & Signalization	\$	182,240
Section 907 - 911	Concrete Curbs & Sidewalks	\$	329,600
SUBTOTAL CONSTRUCTION COST (2006 \$)		\$	3,977,400
MOBILIZATION		\$	318,192
SUBTOTAL		\$	4,295,592
CONTINGENCY & UNFORESEEN CONDITIONS		\$	859,118
SUBTOTAL		\$	5,154,711
TOTAL CONSTRUCTION COST (2006 \$)		\$	5,154,711
UTILITY RELOCATIONS		\$	6,300
TESTING		\$	128,868
LIGHTING, LANDSCAPING, SEEDING		\$	206,188
ENVIRONMENTAL STUDY		\$	155,000
ENGINEERING		\$	515,471
ENVIRONMENTAL MITIGATION		\$	40,000
RIGHT-OF-WAY		\$	-
SUBTOTAL		\$	6,206,538
PROGRAM & CONSTRUCTION MANAGEMENT		\$	310,327
TOTAL PROJECT COST (2006 \$)		\$	6,516,865

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

