



TRANSPORTATION & STREET IMPROVEMENTS PROGRAM

Project: Mt. Pleasant Intersection Improvements (US 61—LA 64)

Green Light Program ID: HH1
 Project Length (feet): Intersection Improvements
 Existing Typical Section: US 61, four-lane divided; LA 64, two-lane
 Proposed Typical Section: LA 64 westbound approach to four-lane divided with open ditches

Project Overview

The proposed project consists of adding additional lanes to provide a right turn lane for northbound US 61, improve the westbound approach of LA 64 to a four lane divided roadway with raised median and open ditches, and upgrade the signalization for the intersection.

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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

- Cost estimate assumes a pavement design of 4.5" asphalt pavement, 8" base course and 12" treated subgrade.

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 open ditch which will be adequate for the proposed project.

SIGNALIZED INTERSECTIONS

- Existing signals will be modified for the addition of new turning lanes.



RIGHT OF WAY IMPACTS

- The proposed right of way on LA 64 is 145' and will require additional right of way. Right of way on the southeast corner of US 61 will be required to install the northbound turning lane.

ENVIRONMENTAL CONCERNS

- Anticipate wetland issues on the east end of the project.
- Existing ditches within the project area.
- Major pipelines in the project area.

SOILS

- Project area soils are poorly drained, loamy soils.



COST ESTIMATE

Project Description: New RT on US 61 NB
 Improve LA 64 WB approach to 1 thru-left and 1 right (4 lane, divided)

Project Length: Intersection

Construction Cost

Section 200	Earthwork		\$	80,389
Section 300	Base Courses		\$	140,972
Section 400	Surface Courses		\$	-
Section 500	Pavements		\$	81,813
Section 600	Structures		\$	-
Section 700	Drainage Work		\$	150,000
Section 800	Sanitary Sewer Work		\$	-
Section 900	Miscellaneous Construction		\$	197,933
	Sub-Total Construction Cost.....		\$	651,107
Mobilization (8%)			\$	52,089
Night Premium (25%)			\$	162,777
	Subtotal.....		\$	865,973
Contingencies (20%)			\$	173,195
	Total Construction Costs.....		\$	1,039,168
Testing (2.5% of Construction Costs)			\$	25,979
Utility Relocations			\$	300,000
Lighting, Landscaping and Seeding	<u> X </u>	4% of CC	<u> </u>	Estimate
			\$	41,567
Environmental Mitigation:			\$	-
Environmental Study			\$	5,000
Engineering Costs from:	<u> X </u>	11.5% of CC	<u> </u>	Contract
Right-of-Way			\$	102,353
	Subtotal.....		\$	1,633,571
Program & Construction Management (5% of Project Costs)			\$	81,679
	Total Project Costs.....		\$	1,715,250

Note! Unit costs are assumed to include contractor overhead, profit and mark-ups
 Environmental Mitigation includes environmental and protection of cultural resources

