



TRANSPORTATION & STREET IMPROVEMENTS PROGRAM

Project: Old Hammond Highway—Seg 2 (1,135' East of Millerville Road to 850' west of O'Neal Lane)

Green Light Program ID: S
 Project Length (feet): 3,930
 Existing Typical Section: Two-lane asphalt roadway with open ditch drainage adjacent to pavement
 Proposed Typical Section: Four-lane curb and gutter boulevard with sidewalks

Project Overview

This project will widen the current two lane roadway to provide two through lanes in each direction and a raised median from 1,135' east of Millerville Road to 850' west of O'Neal Lane. This project will extend LADOTD's Old Hammond Highway improvements currently under construction from Airline Highway to Boulevard DeProvince and the proposed Old Hammond Highway improvements from Boulevard DeProvince to Millerville Road. When combined with other projects in the Plan, it will provide an improved East-West connection extending from Airline Highway to O'Neal Lane.

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ASSUMPTIONS

- Project begins at the east end of DOTD’s Millerville improvements, which are under construction.
- The existing overhead electric lines on the north side will be relocated.

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

- No bridge crossings are located in the project area.

TRAFFIC

- Projected Average Daily Traffic (ADT) for year 2030 is 44,183. The proposed project will provide a Level of Service (LOS) D for year 2030.



SIGNALIZED INTERSECTIONS

- Signalization is required for the Fountainbleau and Gloria intersections, since these are connector streets to Florida Boulevard to the north. These costs are included in the cost estimates. Eastbound left-turn lanes from Old Hammond on to Gloria and Fountainbleau are required.

RIGHT OF WAY IMPACTS

- Existing right of way is approximately 80' based on field observation. The required right of way width is 100'.

ENVIRONMENTAL CONCERNS

- Two acres of wetlands in wooded areas adjacent to the roadway will be impacted.
- One acre of wetlands in the open ditches will be impacted.
- Phase I concern noted at the Jiffy Lube facility, but no violations were found.
- Potential asbestos and lead paint concerns regarding old houses in the project area.
- Noise study may be conducted for the project.
- Potential 4(f) concern regarding YMCA facility on the eastern end of the project.

SOILS

- Project area soils are predominantly silty loam.



COST ESTIMATE

Project Description:	Four-lane curb and gutter boulevard with sidewalks		
Project Length:	3930 Feet (0.74 miles)		
	CONSTRUCTION COST		
Section 200 -	Earthwork	\$	363,163
Section 300 -	Base and Subbase Courses	\$	907,233
Section 400 -	Surface Courses	\$	-
Section 500 -	Pavements	\$	1,835,500
Section 600 -	Structures	\$	-
Section 700 -	Drainage Work	\$	939,050
Section 800 -	Sanitary Sewer Work	\$	800
Section 905 - 906	Pavement Markings & Signalization	\$	669,110
Section 907 - 911	Concrete Curbs & Sidewalks	\$	377,280
	SUBTOTAL CONSTRUCTION COST (2006 \$)	\$	5,092,136
MOBILIZATION		\$	407,371
	SUBTOTAL	\$	5,499,507
CONTINGENCY & UNFORESEEN CONDITIONS		\$	1,099,901
	SUBTOTAL	\$	6,599,409
	TOTAL CONSTRUCTION COST (2006 \$)	\$	6,599,409
UTILITY RELOCATIONS		\$	327,564
TESTING		\$	164,985
LIGHTING, LANDSCAPING, SEEDING		\$	263,976
ENVIRONMENTAL STUDY		\$	165,000
ENGINEERING		\$	659,941
ENVIRONMENTAL MITIGATION		\$	60,000
RIGHT-OF-WAY		\$	3,246,644
	SUBTOTAL	\$	11,487,519
PROGRAM & CONSTRUCTION MANAGEMENT		\$	574,376
	TOTAL PROJECT COST (2006 \$)	\$	12,061,895

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

