



SOUTH LOUISIANA SUBMERGED ROADS PROGRAM

2010 Tulane University Engineering Forum



April 16, 2010

WE ARE **PAVING** ROADS
FOR **PROGRESS!**





Discussion Topics

- I. Katrina Impacts on the New Orleans Region
- II. Program Background
- III. Program Overview & Schedule
- IV. Program Funding
- V. Agency & Utility Coordination
- VI. Program Coordination
- VII. Community Outreach
- VIII. What's Next?



**SOUTH LOUISIANA SUBMERGED
ROADS PROGRAM**

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Hurricane Katrina Impacts





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Hurricane Katrina Impacts





Hurricane Katrina Impacts



- Roadways inundated for several weeks.
- Pavement and base failures due to overloading (flooding, debris hauling operations, etc.).
- Approx. 300 miles of Federal-Aid (State & Non-State) roads were affected.



Program Background

- ❑ As a result of the devastation of Hurricane Katrina in 2005 to the New Orleans Metropolitan area and surrounding Parishes, many of the roadways were inundated as they remained under tens of feet of water for several weeks. As part of the overall recovery effort, the Federal Highway Administration (FHWA) has determined that the damaged roadways which are on the Federal Aid system are eligible for 100% federal funding in order to repair them to their Pre-Katrina condition. FHWA has asked the Louisiana Department of Transportation and Development (LA DOTD) to administer the federal funds and supervise the management, design, and construction required for this rehabilitation program.
- ❑ The scope of the Program is rehabilitation – full depth patching, cold plane, and overlay. The Program also includes minor curb and sidewalk repair, as well as ADA-compliant facilities.



Program Overview

- Submerged Roads Program is a 100% Federal Emergency Relief (ER) Program to rehabilitate roadways damaged as a result of Katrina.
- LA DOTD are the Stewards of this Program for FHWA.
- 52 project segments have been identified as the initial Phase of the Program.....all to be Let to construction in the first 2 years.
- The initial 52 segments were identified through a collaborative effort between FHWA, DOTD, RPC, N.O. DPW, and other local agencies.
- Additional segments are anticipated to be added under future phases of the Program.
- Program targets a 5 Parish area (Orleans, Jefferson, St. Bernard, Plaquemines, and St. Tammany).



Program Overview Con't:

- DOTD is the steward of this Program on behalf of FHWA.
- A consultant Management Team was selected to assist DOTD in administering the Program.
- The scope of the rehab work for this Program is Mill & Overlay projects with full-depth patching where base failures exist.
- Traffic control & Utility coordination are key Program elements.
 - Major coordination effort between the LA DOTD, RPC, N.O. DPW, N.O. Sewerage and Water Board, FEMA, local businesses, debris removal operations, and Public utilities would be required.
- FHWA has mandated a strong Public Outreach & Involvement component to this Program.



Program Overview

Hot Buttons

1. Other city-wide programs
 - Entergy to replace ~600 miles of gas line
 - N.O. S&WB to replace hundreds of miles of sewer/drainage lines.
 - City of N.O. Roadway Bond & Urban Systems Programs
 - Debris removal operations & other recovery efforts
2. Program Identity – “***Submerged Roads Program***”
3. Utility coordination efforts
4. Public Perception – “*It’s been over 4.5 years already*”
5. Costs -- Limited pot of money and more needs than can be funded under this Program.

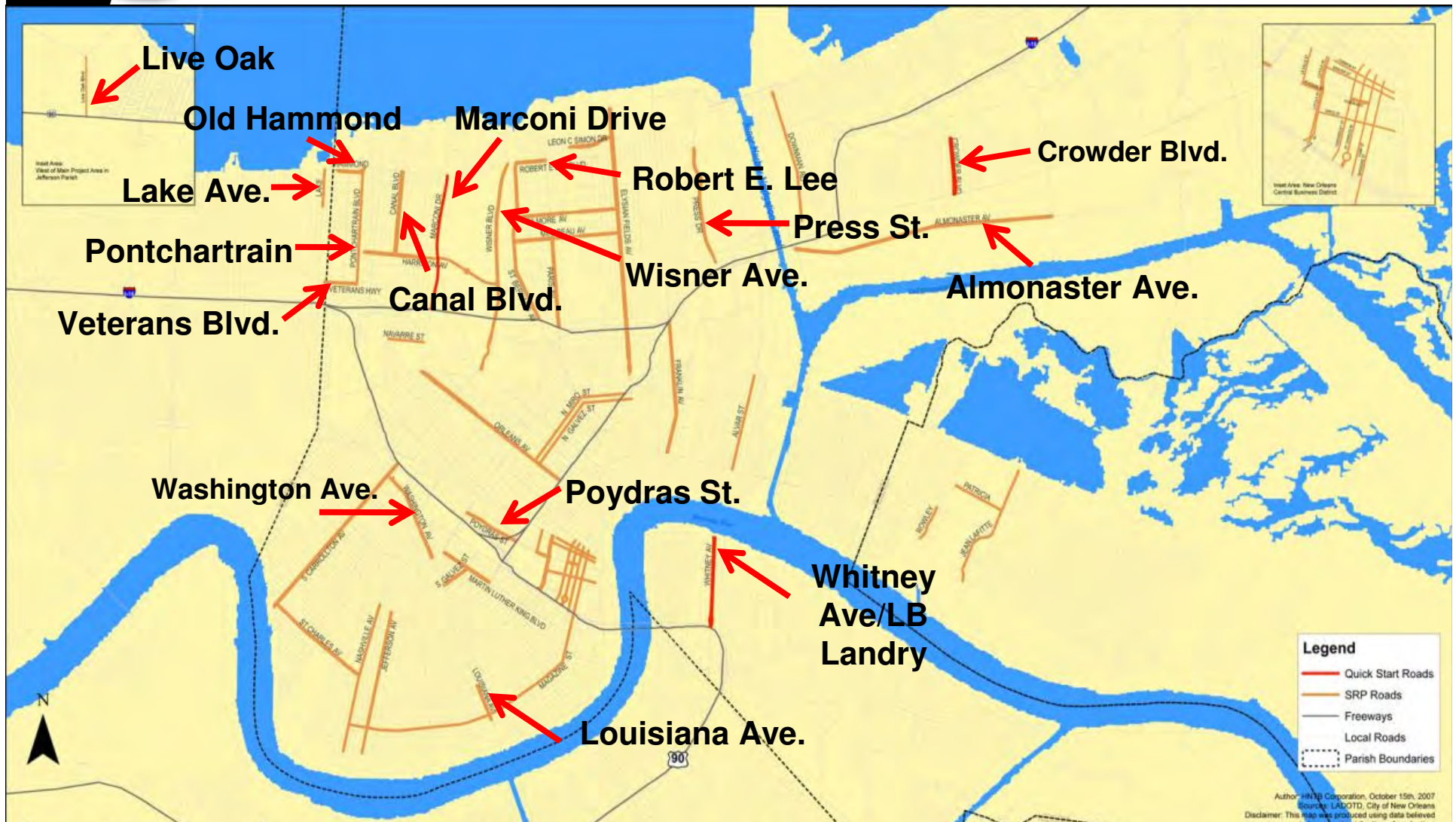


Completed Projects (16)

- Live Oak
- Old Hammond Hwy.
- Lake Ave.
- Pontchartrain Blvd.
- Veterans Blvd.
- Canal Blvd.
- Washington Ave.
- Marconi Dr.
- Wisner Ave.
- Robert E. Lee Blvd.
- Press St.
- Poydras St.
- Louisiana Ave.
- Whitney Ave./L.B. Landry
- Crowder Blvd.
- Almonaster Ave.



Completed Projects





Projects Under Construction (23)

- Filmore Ave.
- Mirabeau Ave.
- St. Bernard Ave.
- Paris Dr.
- Leon C. Simon Dr.
- Harrison Ave.
- N. Galvez St.
- Carrollton Ave.
- LaSalle St.
- Common St.
- Gravier St.
- Girod St.
- St. Charles Ave.
- MLK Blvd.
- Nashville Ave.
- Downman Rd.
- Franklin Ave.
- Alvar St./Poland Ave.
- Patricia St.
- Jean Lafitte Pkwy.
- Magazine St. (CBD)
- Carondelet St.
- Loyola Ave.



Projects Under Construction





Upcoming Construction (13)

- Elysian Fields Ave.
- Rowley Blvd.
- Mehle Ave.
- Cougar Dr.
- Paris Rd.
- E. Genie St.
- Packenham Dr.
- N. Miro St.
- Navarre Ave.
- Orleans Ave.
- Poydras St. (CBD)
- St. Charles (CBD)
- Camp St.



Program Components

- **Phase A -- 52 Project Segments**
 - Pavement distress testing/ design
 - Pipe cleanout/video inspection
 - Damage Inspection Report (DIR) reviews
 - Environmental/Permits (SHPO, Resource Agencies, etc.)
 - Overlays/ pavement rehab design
 - Auxiliary items (ADA ramps, loop detectors, signing, striping, etc.)
 - Construction Engineering & Inspection
 - City/State Agreements





What's Happening on Your Street?

- Remove old asphalt
- Patch base & Overlay with new asphalt in travel and bike lanes
- Curb & sidewalk repair
- New striping & signing
- ADA curb ramps
- Landscaping

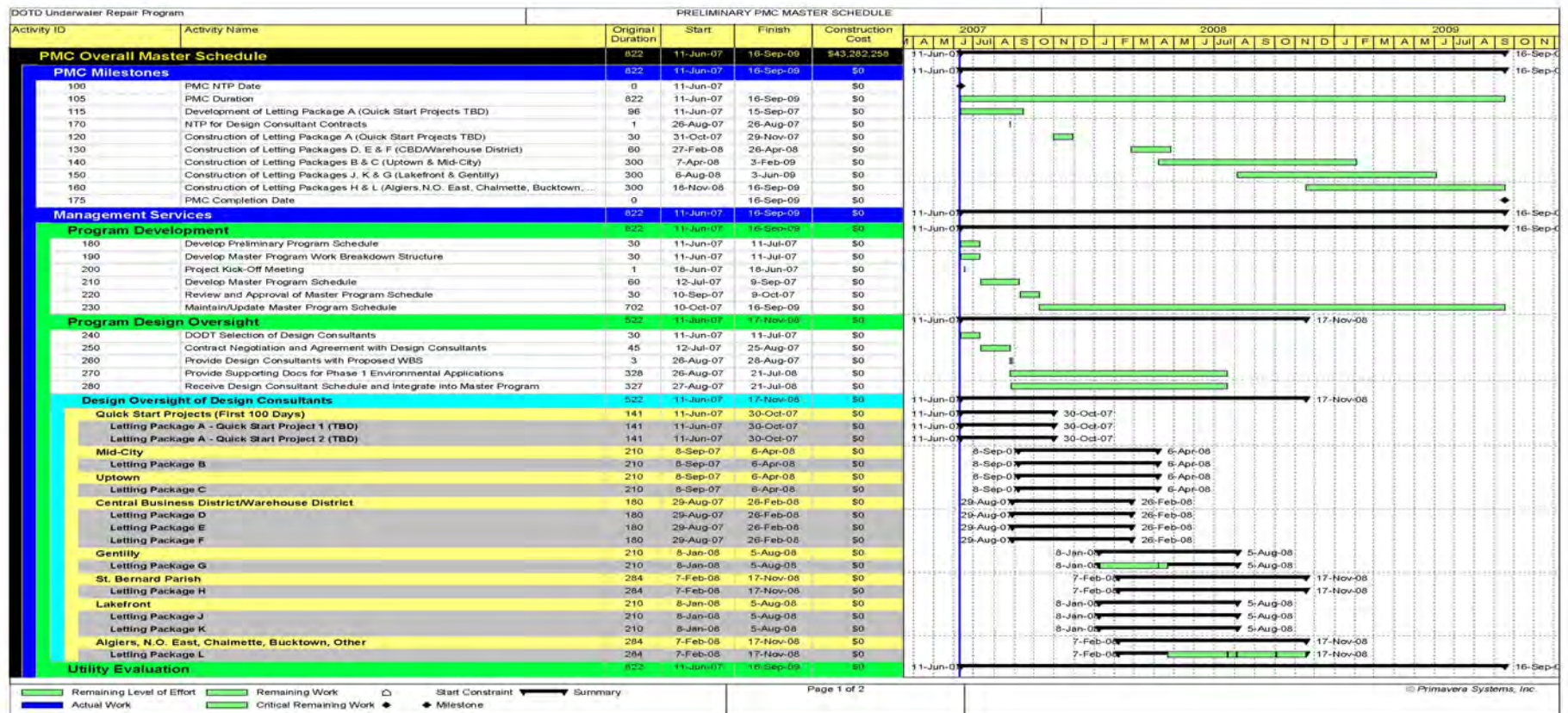




Program Schedule

Phase A

- ❖ 36 project segments either under construction yet to begin.
- ❖ All construction to be complete by July 2011.





Program Funding

FHWA Emergency Relief (ER) Funding

- 100% Federal participation
- Approximately \$120 Million for the construction of Phase A.
- \$11.2 Million in ARRA funds for Enhancement Improvements (sidewalks, bike lanes, landscaping, etc.)

Other Potential Program Revenue

- Req'd for "Betterments" (full reconstruction areas, new manholes and catch basins, drainage lines, etc.).
- Regional Planning Commission (RPC) contributed their Urban Systems federal funds.
- New Orleans DPW
- Orleans, Jefferson, and St. Bernard Parishes



Agency Collaboration

- **Unprecedented Utility & Agency partnership:**
 - FHWA
 - LA DOTD
 - New Orleans RPC
 - New Orleans DPW
 - N.O. Sewerage & Water Board
 - Entergy, Cox, AT&T, etc.
 - Parks & Parkways
 - City Park
 - RTA





Program Coordination

Coordination Methods and Procedures

- Traffic Control Plan
- Nighttime Construction
- DOTD Environmental Approval Process (Historic Districts)
- Agency and Utility Relocation and Construction Coordination
- Major Events (Festivals, Mardi Gras, Super Bowl, conventions, etc.)



Community & Business Outreach

- Expedited construction schedule
- Minimal interruption
- Open line of communication between project team and residents and business owners.
- Public Meetings
- Groundbreakings & Ribbon Cuttings.





Community Outreach

- Research to Identify Needs
- Coordination with agencies and government officials
- Communication with media outlets
- Database development
- Open houses & community meetings
- Speakers' Bureau
- Information kiosks and mobile van
- Newsletter
- Publicity through media outlets
- Print Ads, Brochures, TV and Radio, Legal Noticing, Mailers, Exhibits

WE ARE **PAVING** ROADS FOR **PROGRESS!**

The South Louisiana Submerged Roads Program invites you to attend the following series of neighborhood information meetings to discuss paving hurricane-damaged streets.

CROWDER BOULEVARD

Tuesday, October 23, 2007, 6:30p.m. – 7:30p.m.
St. Maria Goretti Catholic Church
7300 Crowder Boulevard, New Orleans, LA

MARCONI DRIVE

Wednesday, October 24, 2007, 6:30p.m. – 7:30p.m.
City of New Orleans Municipal Training Academy
401 City Park Avenue, New Orleans, LA

WHITNEY AVENUE

Thursday, October 25, 2007, 6:30p.m. – 7:30p.m.
Holy Name of Mary School
502 Olivier Street, New Orleans, LA

The Louisiana Department of Transportation and Development (DOTD) received 100 percent federal funding from the Federal Highway Administration (FHWA) to oversee 55 hurricane-damaged street projects eligible for construction and repair, under the new South Louisiana Submerged Roads Program.

A primary focus of the meetings is to present the program to the community and provide public engagement and participation in support of the street repair projects.

Please join us at the "Paving Roads for Progress" meetings in your neighborhood.

If you require special assistance due to a disability in order to participate at these meetings or if you need additional information, contact The Hawthorne Agency at 504-488-6100.





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Community Outreach

PUBLIC INFORMATION & OUTREACH PLAN

STATE PROJECT NO.
704-92-0036 and 704-92-0037
PERMANENT REPAIR TO FEDERAL AID
ELIGIBLE ROADS

new orleans

a new model for post Katrina recovery

HNTB





Much More to Do

- 16 projects on the State Highway System
 - 62.7 miles
 - \$ 36.6 Million in estimated construction costs
 - Let to construction in May & June 2010

- 43 Phase B projects (City/Local roads)
 - 35.3 miles
 - \$62.6 Million in estimated construction costs
 - Anticipated November 2012 completion
 - ➔ *Entire Phase B subject to funding availability*



What's Next ??

- U.S. Department of Transportation (DOT) Secretary Ray LaHood just announced that Louisiana will receive an additional \$74.4 million in Federal Highway Administration ER funding to repair damages to roads related to Hurricanes Katrina and Rita.
- While this funding does not complete all of the projects, it does allow DOTD to continue its efforts without disruption to the infrastructure recovery efforts.
- The State expects to receive additional funds next year to complete repairs to state highways across south Louisiana and all Phase B projects.



Submerged Roads Program

Questions

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