Interstate 12 / Northshore Boulevard / Airport Road
Stage 0 Feasibility Study and Environmental Inventory

Public Information Meeting #2
Thursday, February 28, 2008
6:30 – 8:00 p.m.
Parish Council Chambers - St. Tammany Parish Government
Project Sponsors

Regional Planning Commission
- Walter Brooks, Executive Director
- Jeff Roesel, AICP, Principal Planner

St. Tammany Parish Government
Department of Engineering
- Joe Shoemaker, PE, Supervising Engineer
- Eddie Williams, PE, Project Engineer
- Rebecca Lala, PE, Traffic Engineer

Project Team

Planning & Engineering Tasks
- Ed E. Elam, AICP, Project Manager
- Henry Picard, PE, PLS, Project Engineer

Tamplan, LLC
Engineering Tasks, Public Participation, Land Use and Data Collection
- Allan Cartier, Principal
- Roy Cartier, Engineering
Project Overview

…to develop interchange and roadway improvements to alleviate traffic congestion at the Interstate 12 exit ramps and Northshore Boulevard/Airport Road…
Traffic Operations

- All intersections at LOS E/F during PM peak periods
- Extended queues of slow or stopped traffic common during PM peak
- ADT (2006): 26,100*

* Daily volume between the I-12 ramps
Stage 0 Review:
The Program Development and Project Delivery System

Stage 0:
Feasibility

Stage 1: Planning/Environmental
EIS and EA w/ FONSI

Stage 2: Funding Prioritization

Stage 3: Final Design Process

Stage 4: Letting

Stage 5: Construction

Stage 6: Operation

**Preliminary Purpose & Need**

**Project Purpose:**
- To add roadway capacity within the interchange to accomplish the following objectives:
  - Provide travel time savings
  - Reduce congestion and improve intersection capacity
  - Identify viable alternatives to maximize available right-of-way
  - Support long-term general thoroughfare development in area

**Project Need:**
- Inadequate roadway capacity
  - Most intersections at LOS E/F during PM Peak
- Increase in traffic demand forecast
  - Residential/Commercial infill development
  - New planned developments in vicinity
- Support local capital improvement programs
  - 10-Year Capital Improvement Program, St. Tammany Parish
- Improve general traffic operations

State Project No. 700-52-0139
Federal Aid Project No. IMD-3602 (516)
Other Planned Improvements

Summary Map of Proposed Roadway Improvements in the Slidell Area

10 Year Capital Improvement Program – St. Tammany Parish -and- Transportation Improvement Program (TIP), Regional Planning Commission

I-12 at Northshore Blvd and Airport Rd Interchange

State Project No. 700-52-0139
Federal Aid Project No. IMD-3602 (516)
Other Planned Improvements

- Dixie Ranch Rd/I-12 Interchange
- I-12 Corridor Overlay
- Gause/US 190 Widening
- I-12 at Northshore Blvd and Airport Rd Interchange

St. Tammany Parish

North
Not to Any Scale
For Planning Purposes Only

State Project No. 700-52-0139
Federal Aid Project No. IMD-3602 (516)
Concept Evaluation

Initial Review
(identify alternatives, conduct field review)

Project Advisory Committee Meeting
June 8, 2007

Identify up to two (2) strongest alternatives
(feasible, acceptable, meet purpose and need)

Public Information Meeting #1
June 27, 2007

Evaluate up to two (2) alternatives
(concept development and traffic flow)

Project Advisory Committee Meeting
July 20, 2007

Address Project Advisory Committee Comments
August-December 2007

Public Information Meeting #2
February 28, 2008

Identify Recommended Alternative

Previously Completed

State Project No. 700-52-0139
Federal Aid Project No. IMD-3602 (516)
Public Information Meeting #1

- June 28, 2007
- Project introduction
  - Review planning process
    - LADOTD project development process
  - Identify project concepts
  - Discuss analysis
- Collect comments
- Receive questions
Concept Definitions

• Reconstruction
  – Rebuild existing interchange
    • Widen bridge, add turn lane capacity
    • Widen ramps (entry & exit)
  – $9.5 Mil (O of M Construction Cost Only*)

• Parallel Span
  – Build 2-lane bridge to one side
    • Add turn lane capacity
    • Widen ramps (entry & exit)
  – $7.0 Mil (O of M Construction Cost Only*)

* - Does not include right-of-way, design fees, construction administration, mitigation, permitting
## Evaluation Summary

<table>
<thead>
<tr>
<th>Concept</th>
<th>Preliminary Purpose &amp; Need</th>
<th>Manmade Environment</th>
<th>Natural Environment</th>
<th>Traffic</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reconstruction</td>
<td>Satisfies Initial Purpose &amp; Need</td>
<td>No impacts identified</td>
<td>No impacts initially identified</td>
<td>Best impact on traffic flow</td>
</tr>
<tr>
<td>Parallel Span</td>
<td>Satisfies Initial Purpose &amp; Need</td>
<td>No impacts identified</td>
<td>No impacts initially identified</td>
<td>Better impact on traffic flow</td>
</tr>
<tr>
<td>No Build</td>
<td>Does not satisfy Initial Purpose &amp; Need</td>
<td>Not applicable</td>
<td>Not applicable</td>
<td>No impact on traffic flow</td>
</tr>
</tbody>
</table>
Recommendation

• **Reconstruction**
  – Replace existing 3-lane bridge with 6-lane bridge
  – Construct dual left/right turn lanes from I-12 off-ramps to Northshore Blvd/Airport Rd
  – Construct dual right turn lanes to I-12 on-ramp from Airport Rd and Northshore Blvd
  – Improve Grantham College Rd at Airport Rd
  – Upgrade/interconnect traffic signals

• **$11.825 Mil** (Updated Cost Estimate)

* - Presented to public as Project Concept A at June 28, 2007
Project Information Meeting
State Project No. 700-52-0139
Federal Aid Project No. IMD-3602 (516)
Initial Recommendation (Sheet #1)

(New Interchange Bridge + Improvements)
Initial Recommendation (Sheet #2)
(New Interchange Bridge + Improvements)

- New Right Turn Lane
- New Dual Right Turn Lane with Dual Lane Transition
- New 6-Lane Bridge with two through lanes (each direction) & two left turn lanes to I-12 Ramps
- Lane improvements marked in Yellow

In association with Tamplan, llc
Initial Recommendation (Sheet #3)

(New Interchange Bridge + Improvements)
General Questions or Comments

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(504) 486-5901

Ed E. Elam, AICP, .............................Project Manager
Email:  eelam@bkiusa.com

Henry M. Picard, III, PE, PLS..............Engineering Manager
Paul L. Waidhas, AICP.....................VP, Planning Division
Thanks for your attendance!

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