Loop 375
(Transmountain Road)
I-10 to East of Franklin Mountains State Park Entrance
Public Hearing
March 22, 2011
Welcome

Mr. Charles H. Berry, Jr., P.E.
Texas Department of Transportation
District Engineer
El Paso District

- Please silence your cell phones
- Simultaneous interpretation available in Spanish
Public Hearing Agenda

• Public Hearing Notices
• Introductions
• Plans and Environmental Document Availability
• Verbal and Written Comments
• Public Hearing Purpose
• Project Schedule
• Project Development
• Technical Presentation
• Public Comment Session
Public Hearing Notices

• El Paso Times & El Diario de El Paso
  – English and Spanish legal notices were published on February 20, 2011; March 12, 2011; and March 20, 2011.

• Invitations
  – Invitations were mailed to public officials and adjacent property owners on February 16, 2011.
Introductions

- Elected Officials
- Project Team Members
Project information can be viewed at the **District** from 8:00 a.m. – 5:00 p.m., Monday–Friday and **City of El Paso** from 7:00 a.m. – 6:00 p.m., Monday-Thursday:

**Texas Department of Transportation**
El Paso District Office
13301 Gateway Boulevard West
El Paso, Texas 79928
http://www.txdot.gov

And

**City of El Paso**
Attn: Ms. Jane Shang
Deputy City Manager for Mobility Services
2 Civic Center Plaza
El Paso, Texas 79901
http://www.elpasotexas.gov
Verbal Comments

• Indicate you would like to speak on the registration forms at the sign-in table.

• Step up to the microphone when your name is called.

• State your name, address, and who you represent (if applicable).
Written Comments

• Complete a comment form tonight.
  Or

• Mail comments to:
  Tony Gelacio, P.E.
  Entech Civil Engineers, Inc.
  16360 Park Ten Place, Ste. 230
  Houston, TX 77084

• E-mail to: ELP_Loop375West@txdot.gov
  All comments must be postmarked no later than Friday, April 1, 2011 to be included in the public record.
Public Hearing Purpose

- Inform the public about the proposed project
- Describe the proposed project
- Provide an opportunity for comments
- Develop a public record
Project Schedule

1. Identify Regional Needs
2. Metropolitan Transportation Plan
3. Planning Studies/Public Hearing
4. Obtain Environmental Clearance and Complete Construction Plans
5. Acquire Right of Way
6. Construction

WE ARE HERE
Project Development Schedule

- Begin Schematic Design: Fall 2009
- Public Meeting: March 10, 2010
- Finalize Environmental Document: Spring 2011
- Finalize Schematic Design: Spring 2011
- Public Hearing: March 22, 2011
- Environmental Clearance (FONSI): Spring 2011
- Anticipated Construction Letting: April 2011
- Completion: Spring 2013
Technical Presentation

LOOP 375 (Transmountain Road)
Need for the Project

At Local Level:
- Rapid Population and Housing Growth
- Increased Travel Demand
- Safety Concerns at Intersections and Driveways
- Decreased Level of Mobility

At Regional Level:
- Increased Population due to Fort Bliss
- Limitations of the Physical Roadway Network
- Increased Traffic Volumes on I-10
- Lack of Viable East-West Alternate Route
Purpose of the Project

At Local Level:
• Improve Traffic Mobility
• Increase Safety
• Improve Efficiency of Transportation Route for Residents, Commuters, Commercial Vehicles and Traveling Public

At Regional Level:
• Provide Regional and Local East-West Connectivity
• Provide an Alternate Route to I-10
Evaluation of Alternatives

Five Alternatives were Developed:

• No-Build
• Construct Climbing Lane
• Construct Two New Lanes
• Boulevard Concept
• Freeway Facility with Frontage Roads and Direct Connectors to I-10

Alternatives were Evaluated Using:

• Micro-Simulation Traffic Analysis
The Proposed Project:
- Provides 2 mainlanes in each direction
- Provides 2-lane frontage roads (Curb & Gutter) in each direction
- Provide Direct Connector Ramps: I-10 west to Loop 375 east and Loop 375 west to I-10 east
- Provides Hike and Bike Trails and Landscaping
- Provides grade separated crossings at:
  - Northwestern Drive
  - Resler Drive
  - Future Plexxar Road
  - Future Paseo del Norte Road
- Right-of-way will be acquired (approximately 41 acres)
- The right-of-way footprint and geometric design provide for expansion to 6-lanes
- One potential business sign displacement
Geometric Considerations
Existing Typical Section (Looking East)

I-10 to Park Entrance

LP 375 Mainlanes

200’ min to 460’ max
Geometric Considerations

Existing Typical Section (Looking East)

East of the Park Entrance

LP 375 Mainlanes

Existing R.O.W.

400' min to 540' max

Existing R.O.W.
Loop 375
Preferred Alternative

Legend
- Existing
- Proposed Main Lanes
- Proposed Frontage Roads
- Proposed Bridge Overpass & Direct Connectors Ramps

Franklin Mountains State Park

Loop 375
Northwestern Drive
Resler Drive
Plexxar Road
(Future) Paseo del Norte Road

Legend:
- Existing
- Proposed Main Lanes
- Proposed Frontage Roads
- Proposed Bridge Overpass & Direct Connectors Ramps
Geometric Considerations
Proposed Typical Section (Looking East)

I-10 to East of Future Paseo del Norte

Proposed R.O.W.

350’ min to 410’ max

Hike & Bike
Frontage Road Curb & Gutter
Main Lanes
Main Lanes
Frontage Road Curb & Gutter
Hike & Bike

Proposed R.O.W.
Geometric Considerations
Proposed Typical Section (Looking East)

Retaining Wall Sections
At Bridge Locations

310’ min to 395’ max
Geometric Considerations
Proposed Typical Section (Looking East)

East of Future Paseo del Norte

LP 375 Mainlanes

2

2

200’ min to 540’ max

Proposed / Existing R.O.W.
# Level of Service

<table>
<thead>
<tr>
<th>LOS</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Free Flow Operations</td>
</tr>
<tr>
<td>B</td>
<td>Reasonable Traffic Flow Conditions</td>
</tr>
<tr>
<td>C</td>
<td>Near Free Flow Operations, Some Minor Flow Restrictions</td>
</tr>
<tr>
<td>D</td>
<td>Some Minor Congestion</td>
</tr>
<tr>
<td>E</td>
<td>Operation at Roadway Capacity</td>
</tr>
<tr>
<td>F</td>
<td>Severe Congestion, Stop and Go Operation</td>
</tr>
</tbody>
</table>
## Level of Service
### Existing Layout

<table>
<thead>
<tr>
<th>Year</th>
<th>I-10 / Loop 375 Interchange</th>
<th>Loop 375 at Northwestern Drive</th>
<th>Loop 375 at Resler Drive</th>
<th>Loop 375 at Plexxar Road (Future)</th>
<th>Loop 375 at Paseo del Norte Road (Future)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015 (Base)</td>
<td>D</td>
<td>F</td>
<td>F</td>
<td>F</td>
<td>F</td>
</tr>
<tr>
<td>2035</td>
<td>F</td>
<td>F</td>
<td>F</td>
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## Level of Service

### Preferred Alternative

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<td>C</td>
<td>B</td>
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</tbody>
</table>
Hydraulics
Hydraulics

- Drainage Area – 209 Acres
- Major Culvert Crossings
- Storm Sewer Outfall into Major Arroyo Crossings
Right-of-Way/Utilities

Right-of-way

- Approximately 41 Acres Required
- One Potential Business Sign Relocation
- Three Potential Utility Relocations

Right-of-Way will allow for:

- 4 Mainlanes with future expansion to 6 mainlanes
- 2-lane Frontage Roads
- Entrance and Exit Ramps
- Hike/Bike Trail
## Loop 375 Cost Estimate

<table>
<thead>
<tr>
<th>Major Item</th>
<th>Cost</th>
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</thead>
<tbody>
<tr>
<td>Estimated ROW/Utility Relocation</td>
<td>5,000,000</td>
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<tr>
<td>Estimated Construction</td>
<td>79,000,000</td>
</tr>
<tr>
<td>Estimated Total</td>
<td>$ 84,000,000</td>
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</table>
Environmental Studies
Environmental Studies

Natural Environment

- Vegetation
- Threatened and Endangered Species
- Soils and Topography
- Jurisdictional Waters of the U.S.
- Water Quality
- Floodplains
- Invasive Species/Beneficial Landscaping
Environmental Studies

Impacts to Vegetation
Environmental Studies

Waters of the U.S. / Water Quality
Environmental Studies

Human Environment

- Relocations
- Environmental Justice Populations
- Community Cohesion
- Section 4(f)/6(f) Properties
- Cultural Resources
- Hazardous Waste/Substances
- Farmland
- Construction Impacts
- Air Quality
- Traffic Noise
Environmental Studies

Air Quality

Traffic Noise Analysis
Visual Impact Assessment
Virtual Imagery – I-10 Facing NE
Virtual Imagery – LP 375 @ Resler Dr.
Virtual Imagery – LP375 @ Future Paseo Del Norte
Written Comments

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Public Comment Session

• State your name and the name of the group you represent
  – Elected official speakers will be called to make their statements
  – Other speakers will be called in the order their speaker card was turned into the registration desk
Written Comments

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FOR MORE INFORMATION CONTACT:

Blanca Del Valle
Public Information Officer
TxDOT- El Paso District
13301 Gateway Boulevard West
El Paso, Texas 79928
(915) 790–4200
Loop 375 (Transmountain Rd)

THANK YOU