

Baptist Road Rural Transportation Authority

Interstate 25 at Baptist Road Interchange

Presentation
to
NEPCO

January 10, 2009

By
Bob Torres
BRRTA Construction Project Manager



JACOBSTM

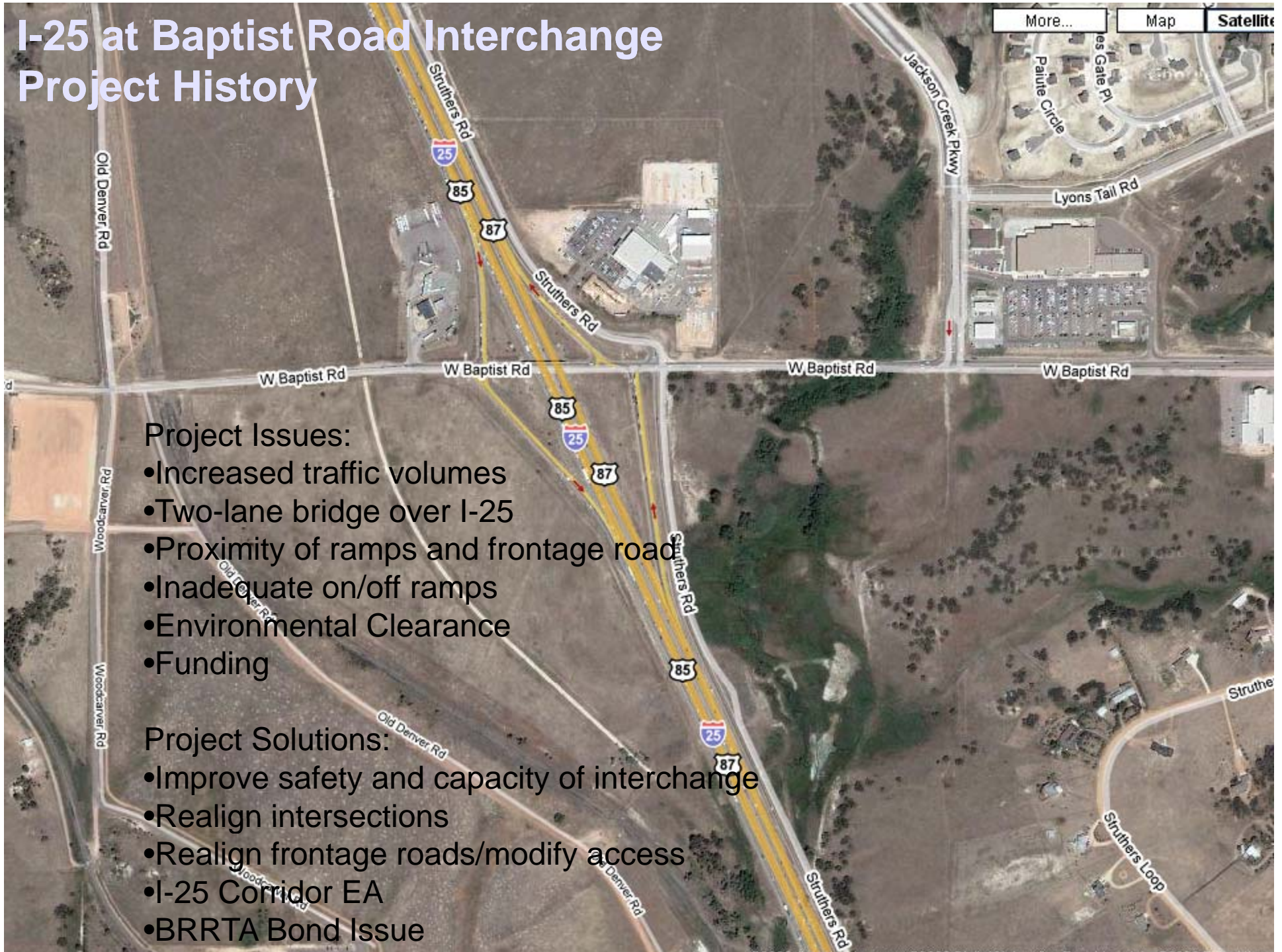
I-25 at Baptist Road Interchange Project History

Project Issues:

- Increased traffic volumes
- Two-lane bridge over I-25
- Proximity of ramps and frontage road
- Inadequate on/off ramps
- Environmental Clearance
- Funding

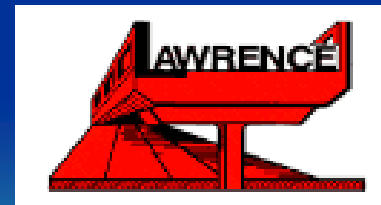
Project Solutions:

- Improve safety and capacity of interchange
- Realign intersections
- Realign frontage roads/modify access
- I-25 Corridor EA
- BRRTA Bond Issue



I-25 at Baptist Road Interchange Project Overview

- Construction project is a joint cooperative effort between BRRTA, CDOT, Town of Monument and El Paso County
- Funding – BRRTA Bond Issue
- Prime Contractor – Lawrence Construction
- PM/CM – Jacobs
- Construction Completion – Spring 2010



I-25 at Baptist Road Interchange Scope of Work



Widen Baptist Road to 4 lanes



New 8-lane Bridge over I-25



New I-25 Ramps and Signals



New Triple 8'x8'x624' CBC

Jackson Creek

I-25 at Baptist Road Interchange

Scope of Work (cont'd)

- Closure of frontage road north of Baptist Road
- New access Roads
 - Diamond Shamrock
 - Timbers (3/4 intersection)
- Installation of new water and sewer lines along Baptist Road, west of I-25
- Relocate sewer, telephone, gas, cable and electric utilities, east of I-25



I-25 at Baptist Road Interchange Scope of Work (cont'd)

Storm Sewer and Water Quality Ponds



PMJM Habitat and Wetland Mitigation



I-25 at Baptist Road Interchange Financial Information



- **BRRTA - \$21.5 Million Bond Issue**

- Approved by voters within BRRTA boundary on November 7, 2006
- 1.0% Sales Tax went into effect July 1, 2007
- Finance the costs of design, ROW acquisition, utilities, construction, debt service and cost of issuance of the bonds.

- **CDOT – \$2.0 Million**

- Preliminary and Final Design as part of the I-25 Corridor EA (PBS&J)

I-25 at Baptist Road Interchange Construction Costs

ROW donated by adjacent property owners:

Forest Lakes, Phoenix Bell, Valero, THF Monument Development,
ADK Monument Developers



I-25 at Baptist Road Interchange Construction Schedule

Lawrence Construction Company given:
Notice to Proceed on Oct. 28, 2008
Project Completion: January 2010

General Work Hours: 7:00 AM to 5:00 PM Monday thru Friday with the following considerations:

Two lanes of traffic in each direction on I-25 shall remain open Monday thru Thursday between 5:30 AM and 9:30 PM, and between the hours of 5:30 AM Friday and 10:00 PM Sunday.

Lane closures on Baptist Road not allowed 6:00 -8:30 AM & 3:30-6:00 PM.

Night time lane closures required for certain construction activities will be announced in advance via press releases and project message sign boards.

Access to area businesses will be maintained at all times.

PMJM Habitat Work Restrictions: November 1st to April 30th



I-25 at Baptist Road Interchange Construction Phasing

Phase 1 Major Elements (Nov 2008 to May 2009)

- Shift I-25 alignment to allow for construction of overpass structure
- Install erosion control measures, delineate habitat areas
- Construct detours
- Construct NW and SW Ramps
- Install new water and sewer lines – west of I-25
- Construct north-half of I-25 Overpass structure
- Relocate utilities
- Construct north-half of Jackson Creek CBC
- Construct 54” storm sewer
- Construct Access Roads 1 and 2
- Construct north half of Baptist Road



I-25 at Baptist Road Interchange Construction Phasing

Phase 2 Major Elements (May 2009 to July 2009)

- Demo existing overpass
- Pave NW and SW Ramps
- Construct storm sewer
- Construct and Pave NE and SE Ramps

Phase 3 Major Elements (July 2009 to Oct 2009)

- Construct south-half of I-25 Overpass structure
- Construct south-half of Jackson Creek CBC
- Construct south-half of Baptist Road

Phase 4 Major Elements (Oct 2009 to Jan 2010)

- Final ramp construction
 - Traffic Signals
 - Lighting
 - Final Landscaping
 - Final Signing and Striping
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I-25 at Baptist Road Interchange



Jackson Creek CBC – north half

I-25 at Baptist Road Interchange



West Abutment Construction

I-25 at Baptist Road Interchange



I-25 Median Center Pier Caissons

I-25 at Baptist Road Interchange



Southbound Off-Ramp Construction

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New Sanitary Sewer Installation Completed

I-25 at Baptist Road Interchange



Paving Equipment Mobilized for Detours

I-25 at Baptist Road Interchange

Contact Information

Bob Torres – BRRTA Construction Project Manager

Office Phone: 719-578-3308

Fax: 719-578-1839

Cell Phone: 719-641-9596

Email: robert.d.torres@jacobs.com

Gary Heckman – BRRTA Construction Project Engineer

Cell Phone: 719-306-3773

Email: gary.heckman@jacobs.com



Baptist Road Rural Transportation Authority I-25 at Baptist Road Interchange

THANK YOU!

Questions?



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