Weatherford’s First Modern Roundabout

Presented by:

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Project Background

• City of Weatherford Transportation & Public Works Department
• Growing Population
• Began Looking for Alternative Transportation Improvements
• Identified Several Locations

• Dunaway Provided an Introduction Presentation to Staff
• Project was Selected as a Pilot to Gain Public Feedback
**Existing Conditions**

- **South Bowie Drive**
  - Large Footprint Available
  - Four-way Stop & Compliance Issues
  - Peak Hour Congestion
    - >500 vph AM
    - >400 vph PM
  - Neighborhood Enhancement for Surrounding Sites
    - Residential
    - Youth Baseball Fields
    - Church
    - Library
    - Elementary & Middle Schools
  - Children Walking to/from Sites
Temporary Concept

- Easy Install/Removal
- Fits within Existing Pvm’t & R.O.W.
- Asphalt Overlay with Signs & Pvm’t Markings
- Built-up Truck Apron using Laydown Curb
- Landscape Island for Enhancement
- 90-ft ICD
- Natural Tones & Stone Colors to Match Nearby Park System
- Clock face Interpretation with Boulders placed in Landscape Island
- Minimal Plantings for Maintenance & Water Use
- Stone Patterned Thermoplastic Sheets used in Splitter Islands & Truck Apron
Concept B

- Stone Colors to Match Historic Courthouse
- Stone Landscape Wall with Neighborhood Group Logos
- Enhanced Plantings to Soften Hardscape
- Red Brick Patterned Thermoplastic Sheets used in Splitter Islands & Truck Apron
City Decided to Modify the Design for Permanent Construction

- Temporary Appearance would be Unfavorable
- Public Awareness was Made
- No Significant Resistance
- Essentially “Do It” or Not at All

Permanent Construction

- Exterior Curb & Gutter
- New Full Depth Asphalt Section
- Raised Splitter Islands
- Concrete Truck Apron
- Permanent Landscape Island Including Irrigation
- Concept A Theme was Utilized
Ultimate Concept
Construction Photos
Community Feedback

Several Positive Comments

• Overall Improvements & Appearance
• Better Traffic Flow

Minor Negative Comments

• Small, Worried About Truck & Trailers
• No Major Resistance