US 301 PD&E Study
From CR 470 E to State Road 44 in Sumter County
FM No. 430132-1-22-01

City of Coleman Update
on Warm Springs Avenue Access
July 13, 2017
Agenda

- Background & Schedule
- Study Alternatives & Evaluation Factors
- Warm Springs Avenue Access Alternatives
- Discussion
Background & Schedule
US 301 Purpose and Need

Address:

- Traffic growth & congestion

Accommodate:

- High volume of existing and future truck traffic
- Pedestrians and cyclists
Study Limits & Segments

- County Road (CR) 470 East to State Road (SR) 44 - 7.8 miles

1. South of CR 470 E to Shady Brook Drive
2. Shady Brook Drive to CR 525
3. CR 525 to Stokes Street
4. Stokes Street to Florida’s Turnpike
5. Florida’s Turnpike to SR 44
6. Potential Realignment Area
Currently Completing Additional Analysis & Refining Alternatives
Funding

Design
• Funded for 2020

Right-of-Way Acquisition
• Currently not funded

Construction
• Currently not funded
Study Alternatives & Evaluation Factors
Study Alternatives - Corridor

**No Build**
No improvements to US 301

**Alt 1 – US 301 Widening**
Widen US 301 along entire length to 4 lanes including through Coleman

**Alt 2 – US 301 Realignment**
Realign south of Coleman & widen US 301 north of CR 468 & south of CR 525
Interchange Alternatives

Tight Urban Diamond Interchange (TUDI)

Diverging Diamond Interchange (DDI)
Evaluation Factors

Social & Economic
- Consistent with Land Use & Local Plans
- Potential Relocations
- Utilities & Railroads

Cultural
- Historic & Archaeological

Natural
- Wetlands & Floodplains
- Drainage / Stormwater Pond Alternatives
- Wildlife & Habitat

Physical
- Air Quality
- Noise
- Contamination

Roadway/Traffic
- Access Management
- Roundabouts
- Crash Analysis
- Traffic Volumes & Level of Service

Cost

Evaluation of Alternatives
Presented in May 2017
Warm Springs Ave Access – Full Access - ½ mile south of CR 468
Warm Springs Ave Access – Right-In/Right-Out – 450’ south of CR 468
Full Access - ½ mile south – Stokes St Ext.
Version 2 – Alternatives Public Meeting Concept

May 2017

*Three pond alternatives are shown for each location. Only one recommended site will be constructed.
Version 3 - Realign Warm Springs & Roundabout

Warm Springs Ave Access – Full Access at CR 468
Realign Warm Springs to Align with Future CR 468 & Roundabout Configuration
*Three pond alternatives are shown for each location. Only one recommended site will be constructed.*
Detailed Look – Realignment & Roundabout

July 2017

Version 3
Opening Year Concept
Detailed Look – Realignment & Roundabout

July 2017

Version 3 Ultimate Concept
Beyond Year 2037
## Warm Springs Access Alternatives Evaluation

<table>
<thead>
<tr>
<th>Criteria</th>
<th>Version 2 May 2017</th>
<th>Version 3 July 2017</th>
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<tbody>
<tr>
<td>Directness of Full Access to Warm Springs Ave</td>
<td>Low</td>
<td>High</td>
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<tr>
<td>Approximate Right-of-Way Needed (acres)</td>
<td>3.7</td>
<td>3.5</td>
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<td>Parcels Impacted</td>
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<td>10</td>
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<td>Property Owners Impacted</td>
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<td>Potential Relocations</td>
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<td>Potential Relocation of Underground Fiber</td>
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<tr>
<td>Potential Crash Reduction/Safety Benefit</td>
<td>Low</td>
<td>High</td>
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</table>

**Version:** 2 May 2017, 3 July 2017
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Discussion