FM 2818 Super Street Construction Update

Debbie Albert, TTI

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Project Summary

• Project overview
• Construction plan
• George Bush Drive intersection phasing
• Jones Butler Overpass
• FM 60 – Raymond Stotzer Parkway Underpass
FM 2818 – Wellborn Rd to Stotzer Pkwy

• Widen from 4 lanes to 6 lanes
• Separate main travel lanes & reduce conflict points
• Increase green signal time by simplifying traffic operations
• Add Jones-Butler overpass
• Increase vertical clearance at Stotzer Parkway
• 30-month construction schedule
6-Lanes Divided Replacing the 5-Lane “Chicken Lane” Roadway
Overpasses and Intersections
Let's Take a Closer Look at the Super Street Intersection
Super Street Intersection Operation

Phase 1: 2618
- Bush
- 90 sec

Phase 2: 2818
- Bush
- 30 sec

50 sec

20 sec

FM 2818 North-South

FM 2810 Left Turns

Bush Eastbound

Bush Westbound

20 sec

30 sec
What is the vision here?
Albert, Debbie, 4/5/2021
Construction Plan

• Phase 1 – Feb thru May 2021
  • Clearing
  • Utility/drainage work
  • Temporary Pavement
Construction Plan

• Phase 2 – May 2021 thru Jan 2022
  • Build northbound road in final location
  • 2818 traffic in current lanes
  • Intersection construction
  • Jones-Butler overpass construction
  • Stotzer Pkwy underpass construction
  • Temporary traffic signal work
  • Shared use path construction
Construction Plan

• Phase 3 – Jan thru Nov 2022
  • Build ultimate southbound lanes
  • Northbound 2818 traffic on new lanes
  • Southbound 2818 traffic on existing northbound lanes
  • Intersection, Jones-Butler overpass and Stotzer underpass continue
  • Relocate temporary traffic signals
Construction Plan

• Phase 4 – Nov 2022 thru Summer 2023 (expected)
  • All 2818 traffic on new roadways
  • Construct “Super Street” intersections
    1. U-turn lanes
    2. Left turn cross overs
  • Jones-Butler cross street construction
  • Signals constructed in final locations
Intersection Phasing – George Bush Dr

- Phase 1

Demo median and install temp pavement beginning ~1000’ east of 2818. All Traffic in normal lanes.
Intersection Phasing – George Bush Dr

- Phase 2 Step 1

Construct temporary pavement on the north side of roadway.

Bush one lane in each direction on the south half of roadway.
Intersection Phasing – George Bush Dr

• Phase 2 Step 2
Intersection Phasing – George Bush Dr

• Phase 3 Step 1

East leg open.

West leg one lane in each direction on the north half of roadway.
Intersection Phasing – George Bush Dr

• Phase 3 Step 2

West leg one lane in each direction on the south half of roadway.
Intersection Phasing – George Bush Dr

• Phase 4 Step 1
Intersection Phasing – George Bush Dr

- Phase 4 Step 2

Construct 2818 left turn crossovers.
All left turn and cross street through movements use U-turn lanes.
Jones-Butler Overpass Phasing

- Separate temporary roads for FM 2818 lanes.
- Jones-Butler overpass built in space occupied by the existing lanes.
- One WB lane added from Wellborn Rd ramp.
- Westbound 2818 narrows to one lane.
Stotzer Underpass

Phase 2 Step 1 begins May 2021

Final NB road build outside of existing lanes. Also lowering 281E by ~3 feet.

2818 reduced to one lane each direction under Stotzer.

Phase 3 Step 1 begins January 2022

Final SB road build outside of existing lanes. Also lowering 281E by ~3 feet.

2818 reduced to one lane each direction under Stotzer.
Upcoming Coordination

- Intersection construction
- Culvert B construction
- TAMU events
- Wellborn/Holleman construction