Improvements to Ross Clark Circle

March 7, 2019
Original Study Area

US-231 South to US-231 North
Approximately 5.1 miles of the 14 mile loop

Immediate Needs Identified during the Study:
› US-231 North – Access Management in Developing Area
› Culvert Replacement (Bridge Slide) at UT of Beaver Creek – address deteriorating bridge culvert
Previous Projects

US-231 North Access Management
- Added capacity and efficiency
  - Ross Clark Circle to John Odom Drive

Bridge Slide Project
- Remove load from deficient culvert (Culvert remain in place)
  - First bridges constructed using accelerated methods
  - Fortner Street to Bauman Drive
Project Location

Bauman Drive to N Cherokee Avenue

Improvements Include:
› Ross Clark Circle (± 2.7 miles)
› US-84 (±0.75 miles)
› US-231 (±0.55 miles)
› 19 New or Modified Signals
› 1.9 miles of Frontage Roads
› 6.9 miles of Curb and Gutter
› 22,350 linear feet of Sidewalks
Challenges

Traffic, Traffic, Traffic
• ADT 41,483 (2018)
• ADT 79,922 (2038) *projected

Incomplete Frontage Road Network
• US-84 / US-231 Vicinity

Development (i.e. Driveways)

Major Intersections
• US-84, Choctaw, US-231
Access Management Techniques

Islands – Restrict Certain Movements at Intersections

Mid Block U-Turns – Median used to restrict access between intersections

Right In / Right Out - Limiting Street and/or Driveway Entrances to “Right In / Right Out”
US-84 to Choctaw Street
Intersection of Ross Clark Circle and US-84

Key Features

• 6 Through Lanes US-84

• 3 Left Turn Lanes NB RCC to WB US-84

• 2 Right Turn Lanes SB RCC to WB US-84

• Restricted Left Turn Movements
Choctaw Street to US-231
Continuous Flow

Utilizes 2-Way Frontage Roads in Each Direction
Each Frontage Road 3-Lanes
Dual Signal to “Cross-Over” Traffic
Similar Concept to Divergent Diamond Interchanges
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Project Progression

Phase 1
• Bauman Drive to US-84
  • Let January 25, 2019

Phase 2
• US-84
  • Let with Phase 3 – August 30, 2019

Phase 3
• US-84 to Choctaw Street
  • Let with Phase 2 – August 30, 2019

Phase 4
• Choctaw Street to North Cherokee Ave (incl. US-231)
  • Letting early 2020

Phase 5
• Lighting and ITS
  • Letting early 2021
Relevant Quotes from Baseball

“When you come to a fork in the road, take it.”

“No one goes there nowadays, its too crowded.”

“You’ve got to be careful if you don’t know where you are going, because you might not get there.”

Yogi Berra, New York Yankees, Hall of Fame
Questions

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