**Pre-Bid Meeting**

J5P3181 – Route 54, Business Route 54, Route W Intersection Safety Project

Replace existing at-grade signal with an Interchange

February 5th, 2019

1. Welcome and Safety Information
2. Sign in and Introductions
3. General Project Information
   1. Described location of project, layout of interchange, and adjoining roads that are part of the construction.
   2. Commitments – VE’s will be accepted if viable and comply with commitments
      1. Four lanes of traffic maintained on Route 54
      2. Signalized intersection to remain open
      3. Business 54, Route W, Osage Hills Road, Wilmore Lane to remain open
      4. Full sized roundabouts
      5. Maintain Access to Businesses
4. Construction Staging - Traffic Control - Discussed our staging assumptions, contractors will be able to revise with approval of the engineer
   1. WB Bridge construction
      1. Build Ramps 1 and 3; move EB 54 traffic to ramps
      2. Build crossover to move WB 54 traffic to existing EB 54 lanes
      3. Build half of the two MSE walls; temporary shoring
      4. Begin Ramp 4 and Connector Rd
   2. EB Bridge construction
      1. Keep EB 54 traffic on ramps
      2. Move WB 54 traffic back to existing WB 54 lanes
      3. Continue Ramp 4 and Connector Rd
   3. Remaining Connections
      1. Move EB 54 traffic back to existing EB 54 lanes
      2. Complete Ramps 1 and 3, Roundabout 3, and Osage Hills
      3. Wilmore Lane and Roundabout 1
      4. Bus. Rte. 54, Ramp 2 and Roundabout 2
5. Bridge – Bridge department discussed details of structures
   1. 2 bridges; ~100’ single spans – tangent structure (roadway curved)
   2. Constant 5% super-elevation on both bridges
   3. Fully cast-in-place deck
   4. EB – Epoxy coated reinforcing steel
   5. WB – Galvanized reinforcing steel
   6. MSE walls (2)
      1. ~250’ long
      2. Straight with possible slight kink outside of bridge
      3. Potential ground improvements in one location
6. Utilities – Discussed various utility relocation needs and timeline of completion; contractor may need to alter operations while relocations are completed, will be detailed in JSP’s for project if needed
   1. Steel casings to be installed with the project for the city utilities along the Connector Rd and ramps
   2. Ameren – multiple relocations, underground where possible, some bores under 54
   3. Lightcore – fiber optic facilities on project, not clear on impacts
   4. AT&T – multiple locations & types – considerable relocations along Business 54
   5. City Water & Sewer – consultant designing, working towards relocation plan
   6. Beach Club Condominium Association Water – discussed relocation of line
7. Right of Way – Negotiations beginning with property owners
   1. Potential borrow
      1. Potential borrow at parcel 23
      2. Potential borrow at parcel 1
   2. Billboard
      1. Three billboards to be removed east of Rte. 54
      2. One billboard will be avoided west of Rte. 54
8. Environmental Restrictions
   1. Wetland @ Culvert
      1. Wet area to be avoided at pipe culvert in area of Ramp 4 – no construction is shown in area
   2. Bat Roosting Trees
      1. Majority of trees have been or will be removed in the area of the connector road and Ramp 4
      2. Some will remain to be removed in the area of the Osage Hills connection and ramp 4 during the project, within the acceptable time frame
9. Question and Answer
   1. What pavement types will be in the project?
      1. The permanent pavement will be alternate bid (asphalt or concrete)
      2. The temporary pavement will be optional bid (asphalt or concrete)
   2. How much rock excavation on the project?
      1. Most of the excavation is in either Class A or previously placed fill
      2. There is potential for some solid rock at the bridge/wall foundations
      3. Proposed design included 3:1 fill slopes
   3. Other discussion
      1. Schedule
         1. June 2019 Letting
         2. NTP in the fall
         3. Completion in the winter of 2020
      2. VE Opportunity
         1. VE proposals will be considered
         2. Construction staging opportunity
      3. Lighting work
         1. Interchange
         2. roundabouts
      4. Borrow needs
         1. Roundabout 3
         2. Connector Rd and/or Ramp 4
         3. Roundabout 2
      5. Crossover at existing signals
         1. Will be removed once interchange is open and Osage Hills at Rte. 54 is closed

Contact Information

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