



FINAL

SUBJECT: KY 15
 Breathitt County
 Mandatory Pre-bid Meeting

CONTRACT ID: 241306

DATE: March 11th ,2024

A Pre-Bid Conference was held at the offices of KYTC District 10 on March 11th, 2024 for KY 15 Improvement Project Contract ID 241306.

The meeting was attended by Contractors and subcontractors, an attendance list is attached.

KYTC and their design consultants EA Partners and HDR presented project information on the subject project. The presentation slides has been attached to these minutes and in summary included:

- Project Location Overview
- Highway Design Elements Overview
- Existing Structures Locations
- Project Flood control improvements and protections and Existing River Gauge Information
- Project Grant and the DBE Liaison Requirements
- Geotechnical rock excavation, placement and consideration for settlement platforms and Geotextile Fabric within highlighted embankment constructions.
- Waste Sites - notes and permit restrictions detailed within the plans and proposal document.
- Maintenance of Traffic Phasing.
- Maintenance of Traffic restrictions and impacts/considerations required if an alternate scheme is proposed.
- Maintenance of Water - need for maintaining flood defenses during construction and the requirement for KYTC to approve a submitted Maintenance of Water Scheme.

- Washington Avenue Culvert - overview and presence of step down culverts needing strengthening, structural elements, HDPE pipe liner and discussion of phasing construction. Clean and inspect existing culvert prior to work. Discussed the proposed prefab pedestrian truss bridge for access to riser tower.
- Performance specification provided for the Flap Gate, sluice gate and cradle straps/ hold down bolts.
- HDPE Pipe - discussed direct buried element with cradles and consideration required in vicinity of the pedestrian bridge drilled shaft.
- HDPE Pipe - discussed liner and grouting to annular space. Steel casing in vicinity of secant shaft wall
- Secant Shaft Wall Construction - overview of secant shaft wall and discussed the requirement for subcontractor pre-qualification and limitations on pressurized installation methods. Discussion of wall verticality tolerances, estimated shaft lengths, and backfill material, including the lightweight concrete.
- Secant Shaft Wall Construction - construction restrictions was discussed including vibration monitoring and preconstruction condition survey, testing, demonstration program or first five shafts, and requirements during storm events.
- Secant Shaft Wall Construction - discussion of objective of exterior grouting of Washington Avenue Culvert in vicinity of secant shaft wall and grout plan submittal.
- Secant Shaft Wall Construction - anticipated construction sequence including exterior grouting program or existing RCBC and coordination with the Maintenance of Traffic.
- KY 15 East Dam Culvert - discussed culvert elements and HDPE pipe liner construction. Performance specs for stop logs and control gates.
- East Main Street Culvert - discussed construction phasing of culvert elements and safe loading of the existing 6' x 6' Miller's Branch Culvert. Existing 6'x6' culvert to be cleaned out and inspected prior to safe loading. Extensive shoring required for construction due to depth of fill and protection required to the existing pump station.
- Utility Relocations and Coordination. Utility relocations temporary and permanent are part of the contract and any change to the maintenance of traffic should take into consideration the need to develop alternate utility relocation plans.
- Property Owner Requests and Commitments: KYTC read all commitments contained in the Proposal.
- Project Schedule: March 21st 2024 letting with a 375 working day duration.

The following questions was asked by the attendees:

1. What elevation does flood control start to impact properties on Panbowl Lake?
 - a. Riser structure is at 712.5.
 - b. HDR Estimated impacts start at 717.0.
 - c. This should be verified by the contractor.
2. What is the anticipated approval time from submission of test results from the initial installation prior to commencement of the remaining Secant Shaft Wall construction?
 - a. There is no approval time specified within the Proposal Documents at this time.
3. Who drilled the existing secant pile wall on west dam?
 - a. Schnabel. Let in August 2022.
 - b. Concrete wall based on lessons learned from that project.
4. Is it the contractor's responsibility to maintain/operate the existing flap gate?
 - a. Existing flap gate is a gravity system. Rebuilt 3 years ago.
 - b. Contractor's responsibility is to make sure the gate is operable and not prevented from closing.
5. What is confidence that existing Washington culvert is 10x10?
 - a. Visual inspection of the existing culvert barrel east side of Washington Avenue, archived structure plans indicate construction of a 10' x 10' culvert. Underwater inspection indicated internal height of 10' with an internal width varying from 9.5' to 10.5'.
 - b. Dimensions will be field verified upon dewatering and cleaning.
 - c. Bulkhead dimension at the existing flap gate was measured as 6.5' x 6.5'.
6. Are there any flood level gauges in Panbowl Lake?
 - a. No.
 - b. The only flood gauge was highlighted in the pre bid presentation material on the North Fork of Kentucky River.
7. Is Washington Avenue sufficient to maintain 2 lanes of traffic during construction of the Secant Shaft Wall.
 - a. No
 - b. To provide sufficient roadway width, construction of the proposed additional turn lane on Washington Avenue from KY 15 to the High School Entrance and some temporary pavement is proposed in Phase 2B of the Maintenance of Traffic.
 - c. Construction of the Secant Shaft Wall is proposed in Phase 2C of the Maintenance of Traffic.
8. Is the Utility Coordinator a unique position or can they have additional duties?
 - a. Utility coordinator is not a unique position and does not have to be a separate entity from the Main Contractor.
 - b. Qualifications for Utility Coordinator are found in the Proposal page 21.