

August 28, 2014

**CNN290 Sullivan County
Questions & Answers**

Q1: Bridge structure sheet U-64-190 calls for 1" thick stacked stone veneer. Could you please furnish a specification for this and indicate specific stone?

A1: The intention is to match the stone that is being used on the Eastman site retaining walls. The revised sheet U-64-190 issued on 7/15/14 includes Notes 4&5 regarding the stacked stone. The stone shall be 'Crab Orchard Stone (Sandstone)' and shall match the City of Kingsport signage with a dry stack appearance. Colors shall be hand selected in the field. Contractor will likely need to coordinate with Eastman/Kingsport.

Q2: Plan sheet U-64-137, estimated quantities for the pedestrian bridge only, indicates the 48" drilled shafts and does not list the 36". Can you please provide the estimated quantity for the 36" drilled shafts? Also, could the drill shafts be @ unit prices?

A2: The quantities on sheet U-64-137 are provided to the Contractor for information purposes only. The bid item for the pedestrian bridge and all associated components is lump sum. The 48" drilled shaft quantity is only for the 4 pedestrian bridge foundations. The other caissons (for the stair tower, elevator shaft, elec./mech. Room) are not included in this estimated quantity.

Q3: Plan sheet U-64-137, estimated quantities for the pedestrian bridge only, indicates Structural Steel quantity of 173,000 lbs. Does this include the steel structure for the building portions of the project (stairwells, elevator shafts, mechanical rooms, etc.)?

A3: The quantities on sheet U-64-137 are provided to the Contractor for information purposes only. The structural steel estimated quantity only includes steel for the pedestrian bridge proper.

Q4: Plan sheet U-64-154 related to the landscaping. Can you please provide sizes for the trees, shrubbery and groundcovers?

A4:

- ICB- BUFORD CHINESE HOLLY = HEIGHT 15 TO 25 FEET, SPREAD 15 TO 25 FEET
- LM- LAVENDER CRAPE MYRTLE = HEIGHT 10 TO 30 FEET, SPREAD 15 TO 25 FEET
- BTA – DWARF REDLEAF JAPANESE BARBERRY = HEIGHT 3 TO 6 FEET, SPREAD 4 TO 7 FEET
- ICC – CARISSA HOLLY = HEIGHT 3 TO 4 FEET, SPREAD 4 TO 6 FEET
- ICH – HOOGENDOOM JAPANESE HOLLY = HEIGHT 2 TO 3 FEET, SPREAD 3 TO 4 FEET
- RPK – ROSE = HEIGHT 3 TO 4 FEET, SPREAD 3 TO 4 FEET
- LB – BIG BLUE LILYTURF= HEIGHT 1 TO 2 FEET, SPREAD 1 TO 2 FEET

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Q5: Plan sheet U-64-154 related to the landscaping. Landscaping note number 2 indicates to sod all disturbed areas. Can you please add this to the Site-work Quantities on sheet U-64-152?

A5: Approximately 12,528 sqft of sod area.

Q6: In reference to Pioneer Cladding & Glazing Systems glass system. Will these be 3-panes or 2-panes?

A6: See upper left detail on sheet U-64-166. A triple glazed glass with double argon layers is required.

Q7: Associated with the ceiling tile. The finish legend list ACT-1 as Decoustics Panel, which is a large format ceiling panel product used in conjunction with concealed grid system at the Main Street Corridors on the CBC project. The reflected ceiling plan shows a 2x2 grid and tile system in conjunction with an extruded aluminum perimeter trim similar to that used at several accent areas of the CBC project. Which is correct, the finish legend or the reflected ceiling plan?

A7: Please use what is reflected on the ceiling plan. Armstrong :Axom-knife edge profile trim in white and ultima high-nrc beveled tregular.

Q8: Plans indicate an ACM panel wrap for the columns. The specifications indicate a Centria sandwich panel which is insulated in the middle. The specified insulated panel will not wrap the radius of the columns and is a construability issue. The CBC project is using a standard ACM panel wrap. Please clarify.

A8: Panels on columns do not have to use the sandwich panel which is insulated. The column wraps need to match the panels on the mech, elev., and elec. rooms.

Q9: Is it the architect's intent to carry the fly by feature at the stairwells? It is indicated at the top of the curtain wall.

A9: Yes.

Q10: Do the breakers feeding the elevators need to have shunt-trip capability?

A10: Yes, the two 125/3 breakers feeding the elevators need to have shunt-trip capability. This clarification has been included in the revision to sheet number 117.

Q11: Is there a pole base detail available for the lighted bollards?

A11: Yes, see revised sheet number 115 for bollard detail.

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Q12: Do the type 'C' lighting fixtures require aircraft cable same as the 'CE' fixtures?

A12: Yes, the fixtures are identical with the exception of the battery back-up required for the type 'CE' fixture. This clarification has been included in the revision to sheet number 117.

Q13: In the legend, Arecont CCTV's are shown and they are on the plans. Should the electrical contractor provide rough-in only for these devices or should they be included? If they should be included, is there a Division 27 specification?

A13: The contractor is to provide the specified camera, conduit and rough-ins, and any other material and/or labor required to install the camera and wiring as noted. There is not a Division 27 specification provided.

Q14: Same applies for the Emergency Phone: should the electrical contractor provide rough-in only?

A14: The contractor is to provide the specified Emergency Phone, conduit and rough-ins, and any other material and/or labor required to install the phone and wiring as noted.

Q15: There is a spec section that includes providing a Turbitrol Model 2605 unit for a pump station. Does this project include a pump station? Is this for the elevator shaft?

A15: This project does not include a pump station. There is, however, a sump pump for the elevator, which is indicated on the electrical drawings.

Q16: The Mast Arm pole (1 ARM @ 75' and 90') states that a 36" x15' foundation should be installed. This may require a 48" diameter foundation in order to install the anchor bolts.

A16: A 48" x 15' foundation might be required based upon the pole manufacturer.

Q17: Will the Contractor be responsible for any damage and repairs to the Century Link duct bank?

A17: Yes. This is stated in multiple locations throughout the plans.

Q18: Sheet U-64-144 calls for shop welding of the horizontal braces of the Pedestrian Truss. This will require mobilization of a 16' high truss. Would it be possible to revise this condition?

A18: No, the horizontal braces must be shop welded as specified.

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Q19: Sheet 5B directs the “EX. POLE TO REMAIN SEE DETAIL”. This pole is in the direct construction limits of the retaining wall. How do you propose the retaining wall be constructed around the EX POLE?

A19: Existing Pole must be supported during construction of the retaining wall. See Addendum 2 for revisions to the retaining wall.

Q20: The plans do not allow any access to the southern side of STR-1 in order to construct Abutment No 2 of the Madd Branch bridge. Would it be possible for TDOT to acquire easement to allow access to the southern side of STR-1?

A20: There is a proposed construction easement shown on the southern side of the Madd Branch Bridge. See Sheet 5 of the Roadway Plans.

Q21: Will the Buy America requirements apply to all materials on the project including any materials incorporated into the Pedestrian Bridge?

A21: Yes, Buy America requirements will apply to all materials on the project including the Pedestrian Bridge. See Special Provision 106A.

Q22: Several of the structural steel suppliers that are quoting this project will not meet the requirements in the TDOT specifications for the AISC Simple Steel Bridges category. Since this is a non-typical TDOT project, will there be a variance allowed in this specification?

A22: No. Specification 602.04 applies to this project.

Q23: I cannot find where the existing overhead power lines on Lincoln Street are to be relocated. They are located directly over Madd Branch Bridge abutment No 1 and the temporary shoring and the retaining wall. We do not believe we can stay within the OSHA guidelines that require to maintain safe distance away from the overhead power lines. Are the existing overhead power lines going to be removed and did I just miss it?

A23: The existing overhead power lines are to remain in place. The piling for Abutment No. 1 of the Madd Branch Bridge and the Retaining Wall along Lincoln Street must be placed in predrilled holes, not driven, so as to allow the use of low clearance equipment.

Q24: Regarding the Drilled Shafts (4 FT), the footnotes on Sheet U-64-137 reference Special Provision 625. I cannot find Special Provision 625. There is no reference to CSL tubes or CSL tests, will they be required? Also, does this specification (Probe Holes) refer to the 3 FT drilled shafts also?

A24: Special Provision 625 has been furnished with Addendum No. 2. Cross Sonic Log testing will be required.

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Q25: Please clarify the lane closure requirements.

A25: Please see Special Provision 108B that was added in Addendum 3.