

# Ohio Department of Transportation

## Prebid Questions

Project No. 080023

Sale Date - 1/16/2008

Question Submitted: 1/2/2008

Question Number: 1

The sequence of construction on sheet 64/85 references installing pressure relief joints. The standard drawing AS-1-81 indicates Type A pressure relief joint shall be provided but shall be paid for separately. There is not a bid item for pressure relief joint. Please provide a bid item for this work.

Question Submitted: 1/2/2008

Question Number: 2

Utility Notes page 2 AT&T1- Paragraph one states that road plates will be used as a temporary way for traffic. Who is providing the road plates and who is responsible for maintenance of the plates during construction?2- Paragraph two states that the conduits will be exposed after falsework has been installed, walkway is added and parapet wall is removed during phase one.

A) What walkway is being added?B) How many calendar days will it take the AT&T contractor to expose the conduits?C)The plans indicate the AT&T conduits are in the phase two side of the project.3 - Plan sheet 64/85 sequence Phase 2 ConstructionItem 1.B. Please provide a drawing of the temporary support that the SBC/AT&T contractor is to install, since we have to remove the concrete deck below the conduits and the deck between beams B & C while the supports are in place.4 - The completion date of September 30, 2008 seems to be unrealistic given the amount of phasing, a closure pour, painting the existing steel and work involving utilities. Please review the schedule and extend the completion date into the 2009 construction season.

**1) Utility Notes page 2 AT&T 2A) No walkway is being added; the term walkway intended to refer to pedestrian MOT on the bridge sidewalk. 2B) A revised utility note with dates will appear in an addendum that is being prepared. 2C) Correct. 3) AT&T ducts will remain in their present location, supported on existing deck, exposed and ready to move once new structural supports in bay BC are placed by the bridge contractor. 4) ALL EXISTING LANES OF TRAFFIC SHALL BE OPEN TO TRAFFIC BY SEPTEMBER 30, 2008 ON BOTH MARKET STREET AND IR-680. AT THIS TIME ALL FINAL PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES SHALL BE IN PLACE. LANES MAY BE TAKEN BEYOND THIS DATE ON IR-680 ACCORDING TO THE LANE CLOSURE CHART FOR PAINTING PURPOSED ONLY AND WITH THE APPROVAL OF THE ENGINEER. THE PROJECT COMPLETION DATE WILL BE ADJUSTED TO 5/31/09 FOR BRIDGE PAINTING.**

Question Submitted: 1/2/2008

Question Number: 3

1. The previous questions on this project have not yet been answered. We received addendum 1 revised quantities but have not received the addendum. The project has some conflicting notes and complex issues that require these questions be addressed in order to estimate the project. Please advise on the previous questions.2. Phase 3 maintenance of traffic does not include any portable concrete barrier. Will barrier not be required for the protection of the painters equipment along I-680?

Question Submitted: 1/2/2008

Question Number: 4

Several painting subcontractors have called and questioned why PCB is not being utilized for bridge painting activities below Market St. on 680. Would the department consider adding PCB for the painting phases to protect the workers and motorists on this curved section of 680?

Question Submitted: 1/2/2008

Question Number: 5

Per Add No. 1, the revised completion date is now 5-31-09. The addenda states that all permanent lines are to be completed in September 2008. The pay quantities for line removal, permanent striping, temporary overlay and removal of temporary overlays need revised to reflect this change. Phases 3A-3D are setup for painting purposes only. Also, the field office item will need revised too. Due to the immense quantity of line removals for the different phases, will the Dept. consider adding a line removal item? Will all of the previous prebid questions that have been proposed be responded to? There are several critical items that still need clarified including the sanitary sewer issues.

Question Submitted: 1/2/2008

Question Number: 6

Can the office calcs be posted online? On sheet 81/85, Section A-A, please describe material that is to be replaced behind the 2'-0" of porous backfill. The total width of the sheeted void is approximately 6'-0". The porous backfill quantity shown (71/85, Section E-E) only covers payment for 2'-0". Who is responsible for the 48" sewer flow during the reconstruction of the manholes? What type of 48" pipe is connected to the existing manholes that are to be reconstructed? What is the design purpose or reason that the 40 foot and 25 foot deep manholes are being reconstructed as part of this project?

Question Submitted: 1/3/2008

Question Number: 7

concerning curb ramps. The plans list them as each the proposal lists them as 1 sf. What is correct?

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# Ohio Department of Transportation

## Prebid Questions

Question Submitted: 1/3/2008

Question Number: 8

Can SIP forms be used on this project?

**No**

Question Submitted: 1/3/2008

Question Number: 9

Sheet 81A of 85. Structural steel members UF. SBC duct bank supports. What is the reference number for this item ?

Question Submitted: 1/3/2008

Question Number: 10

Two Question1)I question the ability to perform the excavation and backfill inside the sheeting detail on page 19/19 of the construction drawings. The contractor will be required to excavate 20' deep through a 2.5' opening. because of the bridge you can not place your machine on top of your excavation meaning you have to dig from the front side. I'm not aware of a piece of equipment capable of performing this excavation. Will ODOT consider other options submitted per specifications? 2) This is a phased project with bridge painting and utility relocations. By plan note you can not start work until April 1st and the project has a completion date of 9/30/2008. this is a very difficult schedule will ODOT consider changing one of these dates?

Question Submitted: 1/3/2008

Question Number: 11

Concerning the 3 manholes being reconstructed to grade1) Is the information provided in the plan and profile switched with the information given in the cross sections for manholes referenced D-5. If they are not switched please give the information for both conduits shown in the cross sections for MH 48+78.51.2) MH 48+78.51 Is the flowline of the 48" conduit correct, is this manhole 438' deep?3) Is the 48" conduit storm sewer only or is this a sanitary sewer?4) can more information be given as to the size and wall thickness of the original construction of these manhole.5) how will the STM SIPHON be maintained?This work will be very complex and costly. can you please provide as much information as possible.

Question Submitted: 1/3/2008

Question Number: 12

Concerning previous asked questions.Several contractors have asked questions concerning the manhole reconstructs. These manholes are deep and costly to replace. A manhole reconstruct 438' deep or even 25' & 40' is specialized work. This is the controlling item of work on this project and more information is needed to estimate this work.do we bid the curb ramps per the proposal or the plan?What is the intent of the spirals in the pier columns. Will the material needed to perform the plan lap be paid for? How will we be paid for the removal and replacement of the concrete needed to make this lap?Answers to these questions are needed in order to bid this project.

Question Submitted: 1/3/2008

Question Number: 13

Please help clarify note 2 on sheet 72/85. The note calls for a 1'-6" lap between the existing and new spiral. The existing spiral does not appear to extend above the existing column. Is removal of the existing column required. The new spiral is only 1'-2" long how do you get a 1'-6" lap? Concerning the p-901 mechanical connectors are these crimp on or threaded please specify as you do with the abutment and deck steel.

Question Submitted: 1/3/2008

Question Number: 14

Please clarify a discrepancy between 4A notes and Plan Note on page 64/85 on Phase 2 Construction. The 4A note states to remove the Beam A parapet and sidewalk in Phase One. The plan note states to complete in Phase 2. Which is correct? Also, we believe that the walkway alluded to in Addenda one, Question 2, is the overhang falsework walkway needed on the outside beam. Most likely the falsedeck walkway will be required by ATT for access during the conduit relocation.

Question Submitted: 1/4/2008

Question Number: 15

Please varyify the plan note on page 10/10 maintaining traffic for holidays and special events. This is a single structure done in phases it is not possible to open all lanes until the completion of the entire structure. We do not think the project can be built in one season let alone between holidays. Please confirm this note is correct.

Question Submitted: 12/31/2007

Question Number: 16

1) the bridge plans detail extensive/costly shoring behind the abtment walls that. it is unclear as to the design intent of this shoring. please explain the design intent. 2) the shoring scheme depicted ignorea the presence of the 16 SBC ducts accross the bridge. we are not able to install the shoring as shown under the ducts on either end of the bridge. 3) how are the sbc ducts in the area of the excavations to be supported, and is the contractor responsible for this work or will it be performed by sbc? 4) by plan note, we have the option to re-design the shoring. does this option include the elimination of the shoring completely?

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## Ohio Department of Transportation Prebid Questions

Question Submitted: 12/31/2007

Question Number: 17

Please clarify the relevance of the first note on sheet 10/85 Item 614, Maintaining Traffic Lanes open during Holidays. Given that this is a phased project I do not know how all existing lanes can be open.

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