

# Ohio Department of Transportation

## Prebid Questions

Project No. 050415

Sale Date - 8/10/2005

Question Submitted: 7/13/2005

Question Number: 1

Bridge No. PIK-23-0523

Sht. 65/77 In the notes for N&S Bound Proposed Structures, it talks about a 1 3/4" dense concrete overlay. There is no reference item set-up for this, or perhaps I just need some clarification.

On the same bridge sheet 74/77, there is a section A-A. This is very hard to read on my set of drawings, and it also looks like it's missing dimensions for slab thickness for instance. Also it is my understanding we are to saw at the centerline of the existing beam. If we sawcut full depth, you will lose all of the existing rebar. However, it looks to me like there is some sort of coupler at that construction joint. If we do not save any of the existing rebar, there will be nothing to crimp the coupler onto if that is the intent. I would like to see this construction joint in more detail. Looks like the intent is to have half the mechanical coupler in the existing concrete, and I don't know of a way to do that using today's technology.

Also on this same bridge, will the contractor be allowed to weld overhang bracket hangers to the bridge beams?

A response at your earliest convenience will be appreciated.

Question Submitted: 7/20/2005

Question Number: 2

Reference #161 is for patching of structure PIK-23-0523, but no additional information is given regarding the areas to be patched. Can you further define the areas to be repaired (i.e. piers, abuts, deck, etc.) so that we can accurately price the work?

**The areas to be patched are on the deck only, once the asphalt wearing surface is removed the Project Engineer is to indicate the areas to be patched.**

Question Submitted: 7/22/2005

Question Number: 3

On the railroad bridge. There does not seem to be enough clearance over the tracks for a contractor to paint the beams using a platform system. And there are no notes about track time in the plans. Are we to assume that we will have unabated track access for an extended period of time?

Question Submitted: 7/25/2005

Question Number: 4

PN 651 - Herbicidal Product Data requires product information to be submitted with the bid.

With electronic bidding, is this information still required prior to submitting the bid?

**No, herbicidal spraying information is not required at time of bid. We need to have it within 5 working days of bid**

Question Submitted: 7/25/2005

Question Number: 5

1) General note page 8/77, item special – soil sterilant, states that “each successful bidder must be licensed by the State of Ohio Department of Agriculture as a commercial applicator...” Is it ODOT's intent that every entity bidding as a prime contractor be so licensed? Please clarify.

2) Structure pike 23-0395 bridge notes do not describe any portion of the substructure to be removed. Normally ODOT provides overlapping existing versus proposed dimensional views of specific portions of the structure that are to be removed. Even if the contractor has time to acquire existing plans, without specific dimensions or views of the existing structure in the bid documents much is left for the contractor to interpolate. Are portions of the substructure allowed to be removed by explosives, head ache balls and/or hoe rams? Will the existing piles require any special consideration during demolition or modification such as cutting to achieve embedment criteria?

3) Item 614-Maintaining Traffic, note on page 11/77 refers to a traffic signal by a separate construction project. What date will described signal be in operation?

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# Ohio Department of Transportation

## Prebid Questions

Question Submitted: 7/25/2005

Question Number: 6

- 1)Reference #81 – The plan note for this item on sheet 34 does not include the abutment and pier demo. This is in stark contrast to the note on sheet 48 for a structure requiring similar work. Please clarify.
- 2)The 503 notes on sheets 34 and 48 require LSM per 613 behind the abutments. Is payment to be made per the 613 spec therefore requiring a bid item, or is payment to be incidental to 503?
- 3)What is the lateral limit to the LSM backfill? Is it required only to the edge of the approach slab or beyond X number of feet?
- 4)Reference #162 – Are the parapets the only surface to be sealed on this structure or should we also be including costs for abutments and piers?
- 5)There is no bid item for the approach slab work on bridge PIK-23-0523.
- 6)There is no bid item for the approach slab removal on bridge PIK-23-0523.
- 7)Reference #160 – This needs to be an “As per Plan” item as none of the work is standard. What is the width of the Wabocrete? Shouldn't the polymer concrete be placed up to the extrusion on both sides of the joint since there will be asphalt on surfacing on both the approach slab and bridge deck?
- 8)Detail B on sheet 69 notes a “proposed L5x5x3/4 to replace existing” but this is not shown on the other sections as being replaced. Please clarify and supply weld or other connection details for this work. The demolition of the existing would be covered under the lump sum 202 item. Should we include the cost to remove for all of the expansion joints for both structures or just for the 82 LF plan quantity (this demo relates not only to the L5x5x3/4 but also the existing seals and retaining strips)?
- 9)The deck concrete quantity for item 163 is sufficient for only one structure. Should we include costs in the Lump Sum 202 item to demo both structures or just for the one structure budgeted to replace?
- 10)Reference #39 – This 252 full depth pavement sawing is for the pipe replacements in the median crossovers. Since the removal is 252, shouldn't the pavement replacement be paid under 252? Will all full depth pavement sawing required on the project for removals be paid under this item or just for the pipe items?
- 11)There are 2” holes shown in the ends of the beams through which rebar will pass. Are these holes existing or where is this work to be paid?

Question Submitted: 7/28/2005

Question Number: 7

- 1)What is anticipated for contractor access at the east end of Bridge PIK-23-0395SR? Has there been any discussion with the AEC regarding construction access through their property? What are the construction limits at this location?
- 2)If we cannot access the AEC property, the piling for the abutment will have to be driven from the existing structure (0395SR) prior to demolition. Can the engineer please verify that the new piling are not in conflict with the existing structure so that they can be driven prior to demolition? Will ODOT allow such a crane load on the existing structure or do we need to plan on benching a crane access on either side of the forward abutment?
- 3)Who is responsible for closing the access road east of the 0395SR structure? What will be required? Will the existing gate be relocated (it appears to be within the work area)?
- 4)There is an existing guy wire that will have to be removed in order to construct the forward abutment and approach slab on PIK-23-0395SR. When will this be removed?
- 5)Earthwork will be required to create the plan grading for the slope protection under structure PIK-23-0395SR. Will this excavation/embankment be paid under the appropriate 203 item?
- 6)Can concrete demolition debris be used as the material for the 601 Crushed Aggregate Slope Protection items?
- 7)There are two blast shields running the full width of the structure over the tracks on PIK-23-0395SR. These shields are not shown on the plans. Are these shields to be repainted under the lump sum items set up for this structure? Existing details should be added to the plans to assist in understanding the work required to construct all facets of the project relative to working around the shield.
- 8)Does the concrete gutter under the four corners of bridge PIK-23-0395 get removed? There is no bid item for this work.
- 9)There is no wearing course removal item for structures PIK-23-0395 and 0395SR. Is the existing overlay removal incidental to the lump sum 202 item?

Question Submitted: 8/3/2005

Question Number: 8

Addendum # 3 revised ref. # 163 to 156 syds. this is typically a cu.yd. item. how are we to bid it.

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## Ohio Department of Transportation Prebid Questions

Question Submitted: 8/3/2005

Question Number: 9

ODOT Project 415(05) Pike County

Addendum No. 3 added Ref. #205/Item 513 Structural Steel, Level UF (2266 lbs) to section 0009, Bridge PIK-23-9523.

You did not address what this is for or what grade steel. We can only find a reference to replacing angle 5x5x3/4" on sheet 69 for the extension of the expansion joint, which is paid as part of the expansion joint reference item. Please clarify.

Question Submitted: 8/4/2005

Question Number: 10

The Item we are interested in is 516E14600 Structural Joint

or Joint Sealer, Misc:X.J.S.Expansion Joint System 82 LF

Please give us the joint opening and the depth. Thank you.

**The joint opening should be 2" between the steel retainers, the Wabocrete should extend 1'-0" behind each retainer and the depth should be 2 3/4" as detailed on revised sheet 69 from Addendum No. 3.**

Question Submitted: 8/5/2005

Question Number: 11

We have established that the opening of the Structural

Joint or Joint Sealer Misc.: Joint Sealing System (XJS)

is 2". Is the dimension on either side of the opening

1 foot on either side or 6 inches on either side.

**1' - 0" behind the steel retainer on either side as detailed on revised sheet 69 from addendum No. 3.**

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