

# Ohio Department of Transportation - Prebid Questions

Project No. 180564

Sale Date - 11/29/2018

MIA-97798 - IR 75-14.15/14.57

**Question Submitted:** 11/7/2018 11:33:17 AM **Question Number - 0**

I believe the 510 bid item quantity is incorrect. I believe there should be 1042 each in the left bridge and right bridge respectively. Plan page 123 shows all of them to be in the abutments when clearly the majority of the dowels are in the superstructure. Also, there are dowels for the diaphragm guides that are typically paid under the diaphragm guide included in the 1042 each. Can you please clarify/adjust this bid item.

**The quantity will be revised in a forthcoming addendum.**

**Question Submitted:** 11/7/2018 7:54:13 AM **Question Number - 0**

Concerning the painting of the structural steel on bridges 1457 L/R:1) With 35 trains per day using this track we have an average of almost 1.5 trains per hour using this track. Assuming we have to clear the tracks 5 minutes pre and post train (and assuming a 10 minute train duration): a) This only leaves app. 30 minutes out of each hour to actually perform work. b) Given these time restraints: how can the painter erect safety system, containment, and perform work? c) Given these constraints-the painting will be very pricy.

**Bid as per plan**

**Question Submitted:** 11/4/2018 1:47:03 PM **Question Number - 0**

Sheet 7 indicates the outside shoulder northbound tapers from 12' to 10' between station 765+75 and 776+25. Should this be between 765+75 and 766+25?

**Yes, the outside shoulder NB taper should be from STA. 765+75 to 766+25.**

**Question Submitted:** 11/3/2018 11:16:28 AM **Question Number - 0**

Will the WTS be required through the winter when no construction activities are taking place? The note on sheet 13/178 states "The duties and responsibilities of the WTS will begin on the same day as the execution of the contract." What will be the responsibilities of the WTS before work has begun?

**The WTS and duties as specified and required in the note on page 13/178 will be required at the execution of the contract.**

**Question Submitted:** 11/2/2018 8:28:51 AM **Question Number - 0**

As a follow-up to a question asked on 10/26/18 at 12:10 PM, when will the office calculations for pavement be released. The Department has stated these will be posted but as of this morning these are not yet posted to the FTP site. Please advise.

**The office calculation for pavement is posted at:<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/MIA-97798/Reference%20Files/>**

**Question Submitted:** 11/2/2018 8:26:30 AM **Question Number - 0**

When will the Department be planning to issue an addendum for this project? There are many questions that have been answered that state that the changes will be made per Addendum and these changes are not yet available.

**Question Submitted:** 11/1/2018 6:13:06 PM **Question Number - 0**

The total Portable Barrier, 32" on sheet 17 is 2,690 feet. The general summary on sheet 58A has 3,690 feet from sheet 17. Will the quantity be corrected?

**This typo will be corrected in the upcoming addendum.**

**Question Submitted:** 11/1/2018 12:29:07 PM **Question Number - 0**

The sheeting on the phase line the plans call for this to be temp sheeting and to be paid in the cofferdam item. plans call for this sheeting to be cut off below the approach slabs so therefor it must be left in place and paid for under sheet pile left in place. please clarify

**In the upcoming addendum, a note will be added specifying that the cost for the temporary sheeting behind the abutments which is to be cut below the approach slabs and left in place is paid for under Item 503, Cofferdams and Excavation Bracing.**

**Question Submitted:** 11/1/2018 11:17:11 AM **Question Number - 0**

Will all CSX flagging expenses be paid by the department?

**Yes. The CSX flagging will be paid for by the department.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/1/2018 11:09:24 AM **Question Number - 0**

CSX will not allow the vertical clearance to be compromised on the 1457 structures but will require their tracks be protected during demolition and construction of the new structures. Will the District allow the contractors to weld to or drill through the web of the existing fascia beams in order to attach deck protection?

**No. The District will not allow the contractors to weld to or drill through the web of the existing fascia beams in order to attach deck protection**

**Question Submitted:** 11/1/2018 11:05:08 AM **Question Number - 0**

The 511 specification requires a self propelled finish machine for deck finish surfaces. Will the District remove this requirement for the temporary widening of 1415R and the shoulder widening of 1457L and 1457R?

**No the District will not remove this requirement**

**Question Submitted:** 11/1/2018 10:04:50 AM **Question Number - 0**

The Utility Note in the proposal says DP&L will bury the existing three phase 12Kv overhead lines. What is the schedule for this work to be completed?

**DP&L has been instructed to be moved by March 15, 2019.**

**Question Submitted:** 11/1/2018 8:47:51 AM **Question Number - 0**

The first question addressed the existing structure drawings being made available and a link was provided. The set for the 1415 Bridge is on there, but we don't see the existing drawings for the 1457 bridge. Please make these available.

**Please see the following FTP site link:<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/MIA-97798/Reference%20Files/>**

**Question Submitted:** 10/31/2018 4:11:43 PM **Question Number - 0**

The phase designations on sheet 103/178 appear to be wrong. I believe phase 2 should be phase 1, phase 3 should be phase 2, and phase 4 should be phase 3.

**This revision will be made in the upcoming addendum.**

**Question Submitted:** 10/31/2018 3:24:36 PM **Question Number - 0**

Page 138/178 lower right of the page shows installing sheet piling on the phase line and has to be cut off below the approach slab. Please clarify where this will be paid.

**The cost for the sheet piling and removal to below the approach slab is included with Item 503, Cofferdams and Excavation Bracing.**

**Question Submitted:** 10/31/2018 3:15:55 PM **Question Number - 0**

Sheet 127 shows Phase 4 removal which consists of NB traffic being switch to the inside. This work would appear to take place after Phase 3 and before Phase 4 as detailed in the MOT section of the plans (sheet 12, etc.). Please add this phase to the MOT scheme and add bid items for temporary pavement markings and portable concrete barrier.

**A Phase 3B will be added in the upcoming addendum to address this work.**

**Question Submitted:** 10/31/2018 3:14:50 PM **Question Number - 0**

Sheet 124 shows a 2.5" asphalt overlay being placed to maintain the deck elevation for maintenance of traffic. Sheet 127 shows this overlay being removed. Please add bid items for the 2.5" temporary asphalt overlay and the asphalt overlay removal.

**Pay items will be added in the upcoming addendum for this asphalt placement and removal.**

**Question Submitted:** 10/30/2018 4:44:03 PM **Question Number - 0**

Maintaining traffic notes for phase 4 say for median U-turn construction to maintain traffic using SCD MT-95.45. This standard drawing uses portable barrier, but the bid items do not have quantity for PCB in phase 4. Please advise.

**The upcoming addendum will revise the maintenance of traffic scheme for the median U-turn construction. The inside lanes will be closed at night in order to complete this work.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 10/30/2018 4:43:12 PM **Question Number - 0**

For item 648 spray thermoplastic pavement markings, are these quantities intended for restriping for the winter shutdown period? If not, please advise to the intent of the spray thermo markings since locations and number of mobilizations could greatly affect the pricing of these items.

**Yes, the Item 648 spray thermoplastic pavement marking is intended for the winter shutdown period. This will be clarified in the upcoming addendum.**

**Question Submitted:** 10/30/2018 4:42:29 PM **Question Number - 0**

There are no bid items for Class III pavement markings for the asphalt surfacing work in phase 4. Please check and add bid items for this work.

**A quantity of Class 3 pavement marking will be added in the upcoming addendum.**

**Question Submitted:** 10/30/2018 4:41:33 PM **Question Number - 0**

On sheet 12/178, the plans say at the end of phase 3 that the contractor is to return the flow of traffic to the typical configuration. There is no quantity for temporary pavement markings for phase 4 in the subsummary. Please add quantity to the Class I temp pavement marking bid items for switching traffic from phase 3 to phase 4.

**A quantity of Class 1 temporary pavement marking will be added in the upcoming addendum.**

**Question Submitted:** 10/30/2018 2:03:43 PM **Question Number - 0**

Please clarify which value is correct for the abutment sheeting on the 14.57 bridges. Plan sheets 128 and 129 call for a minimum section modulus of 14.4 CU IN. Sheet 138 calls for and Ix of 22.3 CU IN where Ix should be in IN<sup>4</sup> as per note 2 where those values are much higher to show less deflection. Please clarify the required section modulus for the abutment sheeting on the 14.57 bridges?

**The upcoming addendum will clarify that 1) The 32 cu. in. sheet piling for the piers is included with Steel Sheet Piling Left in Place (32 CU. IN. MIN.) for payment, 2) The 22.3 cu. in. sheet piling for the abutments is included with Cofferdams and Excavation Bracing for payment, 3) The 14.4 cu. in. section modulus shown on sheets 128 and 129 is incorrect. It will be changed to 22.3 cu. in., 4) The Ix shown on sheet 138 is being changed to show Sx, and 5) The correct size for the abutment sheeting should be 22.3 cu. in.**

**Question Submitted:** 10/30/2018 1:50:28 PM **Question Number - 0**

We think the question asking about the sheet pile with minimum section modulus of 22.3 on sheet 138 is asking about the center line sheeting. This item is covered in the bid item for cofferdams and excavation bracing. The sheet pile to be left in place and paid for in the sheet pile to be left in place bid item is for the pier sheeting at pier 2 and pier 3 due to the proximity to the Railroad. This sheeting has a minimum section modulus of 32 and is correct for the bid item. Can ODOT review this, if a second bid item is needed for the centerline sheeting or if the 22.3 section modulus sheeting is covered in the cofferdam item. We fully believe the sheet pile left in place minimum section modulus of 32.0 is for the pier work and is even called out that way in the tables on sheet 123 as pier only.

**The upcoming addendum will clarify that 1) The 32 cu. in. sheet piling for the piers is included with Steel Sheet Piling Left in Place (32 CU. IN. MIN.) for payment, 2) The 22.3 cu. in. sheet piling for the abutments is included with Cofferdams and Excavation Bracing for payment, 3) The 14.4 cu. in. section modulus shown on sheets 128 and 129 is incorrect. It will be changed to 22.3 cu. in., 4) The Ix shown on sheet 138 is being changed to show Sx, and 5) The correct size for the abutment sheeting should be 22.3 cu. in.**

**Question Submitted:** 10/30/2018 8:50:45 AM **Question Number - 0**

Please provide the office calculations for the Level UF items.

**Office Calculation are located at: <ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/MIA-97798/Reference%20Files/>**

**Question Submitted:** 10/30/2018 7:52:43 AM **Question Number - 0**

Plan sheet 138/178 indicate sheet piling with minimum moment of inertia 22.3 IN<sup>4</sup> left in place. The bid item description for sheet piling left in place includes "(32 CU. IN. MIN.)". What are the minimum structural properties for this sheet piling?

**The bid item description will be revised in the upcoming addendum to indicate the proper minimum moment of inertia of 22.3 cubic inches.**

**Question Submitted:** 10/30/2018 7:34:50 AM **Question Number - 0**

Plan sheets 128/178 and 129/178 indicate temporary sheet piling behind the abutment between phase 1 and phase 2 work. Plan sheets 131/178 and 138/178 indicate sheet piling left-in-place at the same locations. Is sheet piling at these locations to be left in place?

**An addendum will be issued clarifying that this sheet piling will be left in place.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 10/29/2018 12:08:57 PM **Question Number - 0**

Plan sheet 66 shows two large trees near Pier 3 of the NB bridge as "DND". The contractor will need to cut these trees down to allow drill rig access to pier 3, crane access for SIP sheeting and structural steel erection etc. Will the department allow the contractor to remove these trees as they are located within the right of way and within the work limits of the project.

**These 2 trees will be shown to be removed in an upcoming addendum.**

**Question Submitted:** 10/29/2018 7:52:00 AM **Question Number - 0**

Please review the rebar list shown on sheet 164/178 for the approach slabs on the 14.57 structures, it appears parts of the take-off were based perpendicular to center line and not parallel to the skew. For example per the standard AS-1-15 there should be 57 EA AS506 and 57 EA AS507 bars per slab, it appears the transverse rebar is listed incorrectly in number and potentially length. Can this table be reviewed.

**This table will be corrected in the upcoming addendum.**

**Question Submitted:** 10/27/2018 3:36:44 PM **Question Number - 0**

Where are the concrete parapets on the approach slabs on the 14.57 L&R Structure to be paid? Are they included in the parapet bid item or the approach slab bid item?

**Approach slab mounted barriers are to be included separately in the 509 and 511 items per AS-1-15. The plans will be revised accordingly.**

**Question Submitted:** 10/27/2018 11:55:41 AM **Question Number - 0**

Plan sheets 42-47 show a 2 FT wide by 6 IN berm stone in the typical section for the cross-overs. Where will this berm stone be paid? Please create a bid item for it.

**Item 411 – Stabilized Crushed Aggregate will be added by addendum.**

**Question Submitted:** 10/26/2018 1:20:01 PM **Question Number - 0**

The concrete slope protection estimated quantities on 123 exceed those depicted on 118 and 119. Please confirm the quantity to be bid.

**The corrected quantities will be provided in an upcoming addendum.**

**Question Submitted:** 10/26/2018 12:10:01 PM **Question Number - 0**

Please make the pavement office calculations available.

**The pavement office calculations are available on the following FTP site link.<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/MIA-97798/Reference%20Files/>**

**Question Submitted:** 10/26/2018 12:08:14 PM **Question Number - 0**

Please add bid items for Pavement Removed (for mainline pavement removal) and Pavement Removed, Asphalt (for removing existing shoulders).

**These pay items will be added by addendum.**

**Question Submitted:** 10/26/2018 11:59:56 AM **Question Number - 0**

The site plans on 118 and 119 show the bridge limits for both left and right structures are 347.3'. The slab layout plan on 150 shows the right deck is about 6 feet longer than the left deck. What is the length of the left and right deck slab.

**Sheet 150 will be revised to correct the typo on the Left structure Bridge Limit. Both bridges are the same length.**

**Question Submitted:** 10/26/2018 10:46:22 AM **Question Number - 0**

The proposed pier elevation on the left side of 144/178 and the proposed pier elevation on the right side of 146/178 refer to top of footing and bottom of footing. Is the concrete between top of footing and bottom of footing on the pier elevations included in the quantity for pier above footings?

**Plans will be modified to clarify.**

**Question Submitted:** 10/26/2018 10:46:17 AM **Question Number - 0**

SICD-2-14 says reinforcement is included for payment with 511 each semi-integral diaphragm guide but does not say anything about dowel holes for this reinforcement. Will all dowel holes for diaphragm guides be paid under 510 dowel holes?

**The question is correct. Dowel holes are to be paid for per 510.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 10/26/2018 10:46:11 AM **Question Number - 0**

Benching of Foundation Slopes on 9/178 says No additional payment will be made for benching required under the provisions of 203.05. The cross sections on 76/178 through 86/178 and 88/178 through 92/178 include benching limits paid as 203 excavation and 203 embankment. Will the benching shown on these cross sections be paid as 203 excavation and 203 embankment?

**Yes, the shown hatched areas on the cross sections will be paid under 203 excavation and 203 embankment.**

**Question Submitted:** 10/26/2018 10:46:05 AM **Question Number - 0**

The first plan sheet references supplemental specification 800 dated 07/20/18 and plan sheet 121 references supplemental specification 800 dated 01/19/18. Which supplemental specification 800 date applies to this project?

**7/20/18. The bridge general notes will be revised accordingly.**

**Question Submitted:** 10/25/2018 10:59:40 AM **Question Number - 0**

Will ODOT or CSX require false decking under the bridge in the bays over the tracks in the hydro-demolition only areas?

**ODOT will not require the false decking, but the Contractor will need to coordinate with CSXT PPM outlined on sheet 122.**

**Question Submitted:** 10/24/2018 9:00:11 AM **Question Number - 0**

Will ODOT consider changing the paint system in the railroad span of the 75-14.57 L&R Structures to an EEU system since the clearance at this area cannot be lowered from the existing clearance. This creates issues for creating the enclosures as well as drastically increasing paint costs and time required to paint the structure.

**The EEU paint system will not be considered on this project. Project 15-0046 used the EEU system as a pilot project only.**

**Question Submitted:** 10/24/2018 8:58:30 AM **Question Number - 0**

Will ODOT consider extending the completion date until the end of bridge painting season 10-31-20. Plans require contractors to remove traffic control through the winter, then re-establish early 2020, with the phased work, curing time frames, cross-over removal, and bridge painting more time is needed. Additionally the bridge painting will be slower than typical due to the railroad involvement and existing low clearance where no false work or enclosures can be secured below the existing clearance.

**The current completion date allows for sufficient time to complete the proposed 2020 work, including painting.**

**Question Submitted:** 10/24/2018 8:56:14 AM **Question Number - 0**

Will ODOT please create an item 615 Roads for Maintaining Traffic to provide the proper bid item for earthwork associated with the temporary pavement?

**The 615 Roads for Maintaining Traffic pay item will be added by addendum.**

**Question Submitted:** 10/23/2018 9:39:48 AM **Question Number - 0**

Will existing structure plans be made available on line?

**Please see the following FPT site link.<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/MIA-97798/Reference%20Files/>**

**Project No. 180566**

**Sale Date - 11/29/2018**

**TRU-93485 - SR 534-04.02 (PART 1 AND PART 2)**

**Question Submitted:** 11/16/2018 11:43:15 AM **Question Number - 0**

The answer to a previous pre-bid question stated that the brackets for the gasline were to be galvanized. However in the as per plan note on sheet 20 it states that the contractor is to field paint the brackets and hardware. Please clarify whether or not these brackets need to be field painted.

**Question Submitted:** 11/16/2018 11:36:30 AM **Question Number - 0**

Since the bid items for the waterline brackets and gas line brackets are item 530 and 690 special bid items; please confirm that hand tool cleaning and hand painting is acceptable for the painting work listed in the respective as per plan notes.

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/15/2018 2:18:03 PM **Question Number - 0**

Can the revised plan sheet 6/40 be provided that was changed via Addendum #2.

**Question Submitted:** 11/6/2018 1:21:12 PM **Question Number - 0**

Reference 62 is listed as Railing, Concrete, As Per Plan in the project proposal, which would imply that QC2 concrete would be required for this item. However, there is a conflicting plan note on sheet 36 which lists that QC2 concrete with QC/QA is required for this item. Please review and clarify whether QC/QA requirements are to be included in this item.

**See plan sheet 23/40 Railing, Concrete, As Per Plan item.**

**Question Submitted:** 11/6/2018 1:19:41 PM **Question Number - 0**

Plan notes on sheet 20 for Item 690 – Special – Dominion East Ohio Stabilizers and Supports state that the contractor shall coordinate the removal (and subsequent installation) of the gas lines with DEO. However, the removal note is vague and only states that the contractor is to remove the gas line supports. Therefore, it could be assumed the gas line itself will be removed by DEO. Please verify whether DEO or the contractor is responsible for removing the gas lines. In addition, can the Department please provide the allowable duration at which the existing gas line can be out of service and off of the bridge.

**ODOT contractor shall remove the existing gas line located on bridge.**

**Question Submitted:** 11/6/2018 12:21:38 PM **Question Number - 0**

Is it the District's intent for the contractors to put liquidated damages in the bid at \$3000.00 per day since there is no conceivable way this structure as shown can be completed within 60 days? This is not a typical 2 lane bridge with only a parapet wall that can be slipformed. The structure is 4 lanes with sidewalks and a decorative concrete railing that is painstakingly time consuming. The closure needs to be 90 days. Please reconsider the allowable closure.

**Question Submitted:** 11/6/2018 9:31:27 AM **Question Number - 0**

Will the department please consider extending the closure period for the project. The project cannot be complete in 60 days with cure times for all the concrete work. The Texas Style Railing is very detailed and will also take considerable time to form plus a 7 day cure time. It is impossible to even build a Schedule to complete this work in 60 days.

**See forthcoming addendum.**

**Question Submitted:** 11/5/2018 4:07:35 PM **Question Number - 0**

Plan sheet 9 comment section says that the transverse line is as per auxiliary drawings. Can the State provide these auxiliary drawings? Is the transverse line 4" wide instead of 24" wide?

**See plan sheet 4/9 note Pavement Marking Details. The proposed transverse line shall match existing width.**

**Question Submitted:** 11/1/2018 7:20:38 PM **Question Number - 0**

On page 20/40, the plan note regarding the new gas line supports details the repair painting required. There is not enough information to estimate painting for the supplied supports and removal areas because that specific information is not provided in the plans. Do the new supports require surface prep or are they already finish coated or galvanized? Please add appropriate bid items for 514 painting which is bid by the square foot.

**Please see plan note Item 690 - Special - Dominion East Ohio Stabilizers and Supports on plan sheet 20/40 and plan sheet 21/40.**

**"...The supplied pipe supports will be galvanized."..Payment for all labor, equipment, materials and incidentals (including steel coating (paint) repairs and bracket coating) associated with this work shall be included for payment pre bid for each completed and installed, Item 690, Special -Dominion East Ohio Stabilizers and Supports."**

**Question Submitted:** 11/1/2018 6:53:32 PM **Question Number - 0**

Please consider extending the allowable 60 day bridge closure to 90 days. With the intricate work on the railing, 60 days is not enough time to complete the work with the level of detail that is anticipated.

**Project duration will remain as shown on plan.**

# Ohio Department of Transportation - Prebid Questions

Project No. 180573

Sale Date - 12/13/2018

FRA-93496 - IR 71-01.53

**Question Submitted:** 11/5/2018 10:23:23 AM **Question Number - 0**

Can ODOT please clearly identify the limits of temporary pavement to remain in place at the end of the project?

**The limits of the temporary pavement to remain in place will be clarified in plan sheets issued with a forthcoming addendum.**

**Question Submitted:** 11/5/2018 10:22:34 AM **Question Number - 0**

Addendum #1 revised the note on page 16 for ITEM 615, PAVEMENT FOR MAINTAINING TRAFFIC, CLASS A, APP to require 304 and prohibit the use of additional asphalt in lieu of 304. ODOT's answer to the prebid question asked 10/11 at 1:37 states that 304 must be used when temporary pavement is going to be left in place permanently. Will the Department please clarify if 304 is required for all temporary pavement or just that left in place at the end of the project?

**It was decided to change the pavement buildup for the temporary pavement on the outside shoulders. It will be referred to as "Pavement for Maintaining Traffic, Class A, As Per Plan, Type 1" A. The contractor will mill 9" of the existing pavement and replace it with a new pavement buildup which will be 7.5 inches of 302 (1 lift) and 1.5 inches of surface course. The pavement will be constructed on the existing 304 course. B. It is expected that the 9 inches of milling and placing the 302 can be accomplished during the allotted night closure and address the constructability concerns. C. The 1.5 inch surface course could be placed at a later time as the 1.5 inch drop-off is acceptable without barrier protection per SCD MT-101.90. D. The construction underdrains will be left in the plans. There is a similar constructability issue with some of the temporary pavement on the median side. Specifically, there is temporary pavement at the ends of the project which is to be constructed without the protection of concrete barrier. Much of this pavement is needed to provide acceleration and deceleration lanes for the construction traffic ingress/egress. This pavement should be built with the concrete barrier extended to protect this area. It was also discussed that a longer length of the outside shoulder would need to be rebuilt in the previous phase to accommodate this. Some of the MOT phasing will also be revised. Therefore only the median temporary pavement that will be left in place until the next project will have the 304 requirement. Please see forthcoming addendum for revised plan sheets.**

**Question Submitted:** 11/5/2018 10:21:08 AM **Question Number - 0**

There is a note on page 12 for TEMPORARY PAVEMENT WEDGE that calls for this to be paid incidental to ITEM 614 LS MOT. Another note on page 13 for ESTIMATED QUANTITIES calls for the pavement wedge at the bridge approach slabs to be paid under ITEM 614 ASPHALT CONCRETE FOR MAINTAINING TRAFFIC. Will the Department please clarify if all asphalt wedging will be paid separately or if part is incidental to the LS MOT and part paid under ASPHALT FOR MAINTAINING TRAFFIC?

**They will be paid for as two separate quantities. On sheet 13, the wedges paid for under item 614, Asphalt Concrete for Maintaining Traffic are for a specific location and during specific phases of construction and are a known quantity. On sheet 12, the wedges paid for under Item 614, Maintaining Traffic, APP, Lump Sum are used whenever there is an elevation difference and in all construction phases that require wedges.**

**Question Submitted:** 10/31/2018 11:54:04 AM **Question Number - 0**

Do the abutment bearing details on Sheet 247 show the correct weld type?

**The weld type was not shown correctly on the plans. We will revise the weld type on the plan sheet and include with a forthcoming addendum.**

**Question Submitted:** 10/30/2018 2:35:16 PM **Question Number - 0**

Can ODOT make the Hec-Ras files available to the contractors?

**The files will be posted for bidders. <ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/FRA-93496/>**

**Question Submitted:** 10/30/2018 2:07:47 PM **Question Number - 0**

The notes on page 7 related to the cable guardrail call for a 4 ft wide no mow strip. Please clarify how the no mow strip is to be paid and what buildup is to be used.

**The cable barrier is being removed from the project with a forthcoming addendum.**

**Question Submitted:** 10/30/2018 2:05:56 PM **Question Number - 0**

Environmental General Note #24 on sheet 10 discusses a pre-bid meeting. When and where will this meeting be held?

**This meeting is scheduled for Wednesday November 14, for 1pm at District Six Headquarters in Delaware Ohio, in the Columbus Pike Conference room.**

\*\*\* DISCLAIMER - Prebid questions and answers provided are for informational purposes only and are not part of the Bid Documents. If a question warrants a revision to the Bid Documents, the Department will issue an addendum.

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 10/30/2018 2:03:00 PM **Question Number - 0**

From Station 97+00 to 103+50 the cross sections show grading but no cut/fill quantities. Will the grading in the median through this area be included with the current project or be part of the future third lane widening project?

**The work will be included with the current project. Revised sheets & quantities will be provided with a forthcoming addendum.**

**Question Submitted:** 10/30/2018 1:59:52 PM **Question Number - 0**

The abutment bearing details on Sheet 247 show the HP12x53 pedestal being field welded to the 2" steel load plate. Since the material is to be galvanized can this weld be performed by the bearing fabricator prior to galvanizing?

**The answer is yes as indicated on the plans.**

**Question Submitted:** 10/30/2018 1:56:37 PM **Question Number - 0**

Please see plan sheet 206/285. Please review the concrete for the drilled shafts in the design data. Typically the concrete for drilled shafts is QC5 with a compressive strength of 4.0 ksi. Is QC2 what ODOT wants to use for the drilled shafts?

**The drilled shaft concrete type should be QC5 with a compressive strength of 4.5 ksi and not 4.0 ksi. We will include the revision with a forthcoming addendum.**

**Question Submitted:** 10/26/2018 2:15:42 PM **Question Number - 0**

The office calculations for this project are found in the folder on the ftp site for this project. We are unaware of the location of a "reference only" file on the ftp site. Can they be uploaded to the file for this project on the ftp site or can the web address be provided for the location?

**Office calculations have been posted at the following ODOT Central Office link: <ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/FRA-93496/>**

**Question Submitted:** 10/19/2018 10:31:40 AM **Question Number - 0**

On Sheet 4 the typical shows balloon 21 on the outside shoulder for Item 615 – Pavement for Maintaining Traffic, Class A varies From 2.56' at STA 74+50 to 7.75 at STA 77+50 as per box D, however Phase 1 MOT sheet 35, 38, 39 & 40 detail it for the inside shoulder and varies differently.

**The MOT pavement requirements will be revised in plan sheets to be issued with a forthcoming addendum.**

**Question Submitted:** 10/19/2018 10:30:40 AM **Question Number - 0**

The answer for submitted question on 10/11/2018 1:37:32 PM regarding Cement stabilization and Temporary Pavement build up doesn't alleviate the inconsistency for the following reasons: 1. If the temporary pavement is to stay, it conflicts with Note on sheet 23 that says (Payment For This Installation And Subsequent Removal Of Temporary Pavement Within The Existing Shoulder Footing Shall Be As Per Item 615, Pavement For Maintaining Traffic). 2. If the pavement is to stay, it conflicts with the typical pavement build up, the typical on sheet 4 detail the buildup 6" 304, 11" 302, 1.75" 442 & 1.5" 806, however Item 615 Class A buildup is 6" 304, 5.5" 302, 1.75" 441 & 1.25" 441, it has 5.75" difference in the buildup. 3. If ODOT would not waive the 304 Aggregate requirement then the drop-off issue would remain, and temporary barrier would be needed during nonworking hours. Preparing the roadway and placing the 304 material and 302 Asphalt material at the same night is not feasible, and would keep the drop-off at 8.5", which violates MT-101.90. And would be even more difficult to accommodate if the Temporary Pavement is to stay, since the contractor would need to trench and install the underdrain system too.

**Please see forthcoming addendum.**

**Question Submitted:** 10/17/2018 7:06:52 AM **Question Number - 0**

I am looking for reports on borings 001-0-14 and 002-0-14 as shown on page 203/285 of the bid documents. Please make these borings available.

**Regarding the structure borings, the information is in the soil profile sheets, but the numbers on the structure site plan didn't correspond in the original plans. This will be addressed in a forthcoming addendum by the addition of a note in the site plan stating "BORINGS B-001- 0-14 & B-002-014 CORRESPOND TO BORINGS B-021-1-14 & B-021-2-14, RESPECTIVELY IN THE SOIL PROFILE AND BORING LOG SHEETS". A sheet numbering mistake for Sht. 207 will also be corrected with a forthcoming addendum.**

**Question Submitted:** 10/16/2018 8:43:23 AM **Question Number - 0**

Can you provide the office calculations?

**The office calculations for this project have been posted on the server at Reference Only/FRA-93496**

# Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 10/15/2018 1:53:56 PM **Question Number - 0**

Could ODOT Upload the Environmental commitment/Document?

**Please see the Environmental document at the following FTP site link.**<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/FRA-93496/Reference%20Files/Approved+CE.PDF>

**Question Submitted:** 10/11/2018 1:37:32 PM **Question Number - 0**

The note in sheet 16/285 2nd column under Item 615, Pavement For Maintaining Traffic, Class A APP, the 2nd paragraph states that The Contractor Shall Use Cement Stabilization of the Subgrade. The Cement Stabilization activity will need 5 days of curing, therefore during nonworking hours in the Pre-Phase, see typical sheet 23/285, traffic will be travelling next to 12.5" drop off. Similar situation will happen on Phase 1 see typical sheet 34/285 and 41/285. A temporary Barrier Wall would be required. On the 1st paragraph under the same Item it says the Contractor Will Be Required To Use Item 304, Aggregate Base, In The Course Make Up, what is the intent, could this requirement be waived as per 615.04 Table Note [4].

**The cement stabilization requirement will be removed from the 615, pavement for Maintaining Traffic, Class A as per plan note by addendum. This intent of this note is to disallow 605.04 Table Note 4. Item 304 must be used when temporary pavement (Item 615) is going to left in place permanently.**

**Project No. 180574**

**Sale Date - 11/29/2018**

ASD-96318 - /MED-SR 58/SR 301-00.61/08.61

**Question Submitted:** 10/26/2018 4:27:27 PM **Question Number - 0**

Ref No. 38, 442 Intermediate, 19 mm, Type A does not have the standard District Three note for 19 mm mix on 2-lane highways. Is there a missing plan note for this item?

**Yes, the standard District Three plan note for the 442 Intermediate, 19mm, Type A mix on a 2-lane highway will be added to the plans via an upcoming addendum. The note is copied below for reference. ITEM 442 - ASPHALT CONCRETE INTERMEDIATE COURSE, 19MM, TYPE A (448), AS PER PLAN THIS ITEM SHALL BE USED FOR CORRECTION OF CROWN, PROFILE AND ANY OTHER IRREGULARITIES. ALL OPEN TRANSVERSE JOINTS SHALL BE TAPERED TO MEET EXISTING PAVEMENT BEFORE INTRODUCING TRAFFIC. A "BUMP" SIGN (W8-1-36) SHALL BE ERECTED ON EACH SIDE OF TRANSVERSE JOINTS LEFT OPEN OVER NIGHT, INCLUDING A SPEED ADVISORY SIGN. THESE SIGNS SHALL BE REMOVED IMMEDIATELY AFTER JOINT HAS BEEN CLOSED. PLACEMENT OF SIGNS SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 614 MAINTAINING TRAFFIC. REQUIREMENTS OF 442 APPLY EXCEPT AS FOLLOWS: MIX DESIGN: FOR Ndes USE 50 GYRATIONS, FOR Nmax USE 75 GYRATIONS. CHOOSE OPTIMUM BINDER CONTENT AT DESIGN AIR VOIDS OF 3.5%. USE A PG 64-22 BINDER. MAXIMUM RECLAIMED ASPHALT CONCRETE PAVEMENT IS 30 PERCENT.**

**APPLY 703.05 FOR COARSE AND FINE AGGREGATE EXCEPT GRADATION FOR FINE AGGREGATE DOES NOT APPLY. QUALITY CONTROL: DO NOT PERFORM Nmax IN QUALITY CONTROL TESTING. DO NOT TAKE EXTRA ASPHALT BINDER SAMPLES AS OUTLINED IN CMS 442.05.**

**Project No. 180578**

**Sale Date - 11/29/2018**

FRA-93136 - US 33-09.33

**Question Submitted:** 11/1/2018 11:37:34 AM **Question Number - 0**

The general summary included in the plans do not match the proposal and EBS file. The proposal and EBS file have numerous drainage items but the plans have no details or any of these items included in the general summary. Please advise which one is correct.

**The EBS will be revised with a forthcoming addendum.**

**Project No. 180579**

**Sale Date - 11/29/2018**

GAL-91450 - SR 775-03.35

**Question Submitted:** 11/6/2018 4:26:37 PM **Question Number - 0**

Nucor may in fact have the L6" x 6" x 9/16" in stock, but you have a 40,000 lb. minimum truckload to be able to purchase from them. You cannot buy just 2 pcs of angle from them.

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/6/2018 11:09:09 AM **Question Number - 0**

The repair painting note for GAL-775-0925 shows a quantity of 20 EA 4x3.5x5/16 angles being replaced. However the detail on page 70 shows only two angles being replaced. Please clarify.

**There are 20 angles to be replaced on sheet 70. Two angles are at the splice location. Nine angles on each side of the web (18 total) are located toward the forward abutment. This is a total of 20.**

**Question Submitted:** 11/6/2018 7:47:40 AM **Question Number - 0**

Structural Steel Members, Level 4 - Plan Sheet 13/21 (70/78) - "Proposed Elevation Girder 1" - There 6" x 6" x 9/16" angles to be replaced on the bottom flange of the girder. I cannot find this angle anywhere and in order to get it from a mill would require a minimum of a 60,000 lb. order. Will a 6" x 6" x 5/8" angle be acceptable in lieu of the 6" x 6" x 9/16" angle? It is a similar situation for the 1 1/16" thick splice plates, can 1 1/8" thick splice plates be accepted in lieu of the 1 1/16" plates?

**Please bid these items as per plan. Nucor steel in Huger, SC has 60' sections of the 6" x 6" x 9/16" angle in stock.**

**Project No. 180580**

**Sale Date - 11/29/2018**

GUE-104755 - IR 70/IR 77-Culvert Repair

**Question Submitted:** 11/15/2018 12:38:34 PM **Question Number - 0**

Can reinforced shotcrete (pneumatically placed concrete) be used in lieu of Item 837E10001 Liner Pipe?

**The method for shotcrete does not meet SS833 and will not be accepted in lieu of Item 837.**

**Question Submitted:** 11/15/2018 12:33:41 PM **Question Number - 0**

Can shotcrete (pneumatically placed concrete) be used for Item 833E12000 Spray Applied Structural Liner?

**SS833 requires the material to be placed via centrifugally casting, therefore, this method for shotcrete cannot be applied under SS833.**

**Question Submitted:** 11/15/2018 10:16:38 AM **Question Number - 0**

Can the Department make the hydraulic and hydrologic design files available to the contractors?

**The analysis and design files will be forthcoming and provided as reference only.**

**Question Submitted:** 11/13/2018 10:38:37 AM **Question Number - 0**

For Locations GUE-70-23.42 and GUE-77-14.87 the design plans require the installation of a conduit renewal spray applied liner. Can a corrugated Steel or Aluminum structural plate liner pipe and pipe arch shape per 707.03, 707.23 or tunnel liner plate be bid as an alternate?

**No corrugated options can be used. The hydraulics for these structures and the location of Gue-77-14.87 in a Special Flood Hazard Area Zone A require a smooth lined interior to meet headwater allowances.**

**Question Submitted:** 11/13/2018 10:34:28 AM **Question Number - 0**

For Locations GUE-70-21.92 and GUE-77-3.81 the design plans require the installation of only one liner pipe option per 748.06. Can a corrugated Steel or Aluminum structural plate liner per 707.03, 707.23 or tunnel liner plate be used for the liner material with the same ID as the proposed Steel casing pipe?

**No corrugated options can be used. The hydraulics for these structures located in a Special Flood Hazard Area Zone A require a smooth lined interior to meet headwater allowances.**

**Project No. 180581**

**Sale Date - 11/29/2018**

HAM-105090 - IR 71-08.03

**Question Submitted:** 11/15/2018 10:54:42 AM **Question Number - 0**

Detail B on 8/9 calls for non-shrink, non-metallic grout where the concrete channel ends along the concrete slope protection. Is 705.22 the correct material for this non-shrink, non-metallic grout?

**After looking further into this, Detail B on sheet 8 of 9 will be modified by addendum to utilize QC1 concrete in lieu of non-metallic grout.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/13/2018 4:07:00 PM **Question Number - 0**

The proposed work occurs inside a City of Cincinnati combined sewer overflow. Are there any specific disposal requirements for the potentially contaminated debris that is scheduled to be removed?

**There are no specific disposal requirements for the channel debris that is to be removed.**

**Question Submitted:** 11/12/2018 11:50:18 AM **Question Number - 0**

What length #4 dowel bar is required along butt joints to the existing concrete slope protection?

**Dowel bars shall extend 9" into the existing slab.**

**Question Submitted:** 11/12/2018 10:44:00 AM **Question Number - 0**

Will cross sections or drawings with existing and proposed contours be provided at allow bidders to evaluate the 633 cubic yards of excavation and 958 cubic yards of embankment that are part of this project?

**Question Submitted:** 11/8/2018 12:30:14 PM **Question Number - 0**

Detail A and the Underdrain Details on 8/9 require galvanized welded wire mesh in the concrete channel bottom. Does the reinforcing in the slope protection have to be galvanized?

**Reinforcing in the slope protection must be galvanized if welded wire mesh is utilized. If rebar is utilized, the requirements of Item 601 apply.**

**Question Submitted:** 11/8/2018 10:43:45 AM **Question Number - 0**

Note 2 on 8/9 says a 6 inch thick aggregate base shall be placed prior to concrete and that use of a mud mat in lieu of the aggregate base is acceptable. What material is the mud mat to be made of?

**The mud mat shall be comprised of QC1 concrete.**

**Question Submitted:** 11/8/2018 10:29:31 AM **Question Number - 0**

Will the 6 to 9 inch thick concrete channel bottom be paid as concrete slope protection?

**Payment for the 6 to 9" concrete bottom is paid for in the 601E21150 item outlined in the plans.**

**Question Submitted:** 11/8/2018 9:08:41 AM **Question Number - 0**

Section B1 on plan sheet 7/9 shows 503 Unclassified Excavation. There is no bid item for 503 Unclassified Excavation. Where is the cost for this work to be bid?

**A pay item for the 503 Unclassified Excavation work will be added by Addendum**

**Project No. 180584**

LAW-92012 - US 52, SR 7, & SR 527

**Sale Date - 11/29/2018**

**Question Submitted:** 11/16/2018 9:45:29 AM **Question Number - 0**

Please provide the office calculations for the Level UF items on LAW-527-0020 L&R.

**Question Submitted:** 11/14/2018 8:17:46 AM **Question Number - 0**

Ref # 70, Patching Concrete Structure, will the Department clarify where this is being done at? It is not showing in the plans

**This item will be removed by forthcoming addendum.**

**Project No. 180585**

MED-91092 - IR 76-00.73

**Sale Date - 11/29/2018**

**Question Submitted:** 11/16/2018 3:16:52 PM **Question Number - 0**

When will the 255 concrete repairs be marked out in the field? Will these locations be marked out prior to the removals for the 251 repair?

\*\*\* DISCLAIMER - Prebid questions and answers provided are for informational purposes only and are not part of the Bid Documents. If a question warrants a revision to the Bid Documents, the Department will issue an addendum.

# Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/16/2018 3:13:41 PM **Question Number - 0**

The "Working Hours Restriction" note on sheet 7 states that lane closures can be kept for the duration of the cure of the full depth concrete repairs but work on the repairs is to be during the permitted lane closure table. With this exception also be allowed for the 511 Approach Slab repairs on the various bridges?

**Question Submitted:** 11/16/2018 1:30:42 PM **Question Number - 0**

Would the Department consider changing the density acceptance of the 442 surface and intermediate mixes to 448 since they are small quantities?

**Project No. 180586**

**Sale Date - 11/29/2018**

MOT-102980 - IR 75-16.35

**Question Submitted:** 11/15/2018 2:31:23 PM **Question Number - 0**

The proposal indicates a completion date of 4/15/19, can the department verify?

**The completion date will be revised to 8/15/19 in an upcoming addendum.**

**Project No. 180588**

**Sale Date - 11/29/2018**

MUS-105669 - US 22-09.74/10.00 OSRR

**Question Submitted:** 11/16/2018 2:58:50 PM **Question Number - 0**

Is it correct that the intersection of SR 719 & US 22 only has two of the four approaches being preempted for emergency vehicle preemption? The emergency preemption is not shown in the phasing diagram and the intersection only has 2 receiving units.

**Project No. 180589**

**Sale Date - 11/29/2018**

PIK-88969 - SR 104, PIK- SR 335, & SCI-SR 335

**Question Submitted:** 11/13/2018 2:33:52 PM **Question Number - 0**

General summary quantities for the Fine Graded Polymer Type B 5748 CY does not match the Pavement Calcs. pages 12/33 - 20/33. Could Odot please clarify?

**This will be addressed in a forthcoming addendum.**

**Question Submitted:** 11/13/2018 2:25:50 PM **Question Number - 0**

Tack Coat quantities appears to be overstated refer to page 14/33.

**This will be addressed in a forthcoming addendum.**

**Question Submitted:** 11/12/2018 9:03:11 AM **Question Number - 0**

REF #29 - Aggregate Base, APP - Page 18 of the plans show a quantity of 285 CY which is overstated for an area of 171 SY at a 6" depth. It appears the quantity should be 28.5 CY. Please verify.

**This will be addressed in a forthcoming addendum.**

**Project No. 180590**

**Sale Date - 11/29/2018**

ROS-87683 - US 23-16.12

**Question Submitted:** 11/15/2018 7:45:56 AM **Question Number - 0**

PAY ITEM - PAVEMENT REMOVED. Please clarify if this asphalt or concrete or asphalt on concrete and a thickness. Please clarify

**The existing thickness isn't exactly known. The department estimates that it contains 6" of asphalt on top of 9" of concrete.**

**Question Submitted:** 11/15/2018 6:43:40 AM **Question Number - 0**

Page 2/15 stationing does not seem to match page 11/15 stationing. Please clarify

**Sheet 2/15 should be 800 series number instead of 300 series. Please see forthcoming addendum**

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# Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/1/2018 2:59:07 PM **Question Number - 0**

Will there be a prebid for this project?

**No, there will not be a Prebid meeting for this project.**

**Project No. 180591**

**Sale Date - 11/29/2018**

SUM-97638 - Cleveland Mass. Phase 2/3 (PART 1, PART 2, PART 3)

**Question Submitted:** 11/16/2018 9:01:36 AM **Question Number - 0**

The office calcs provided show 1/2" milling only between sawcuts. Is this what is intended or will the milling be performed whole width to create a smooth profile and cross slope as stated in the plans?

**Outside of the sawcuts is full depth replacement and widening so there is no pavement to mill outside of the sawcuts.**

**Question Submitted:** 11/13/2018 1:38:39 PM **Question Number - 0**

Will the office calcs for proposed pavement be provided?

**Please see the following FTP site link.<ftp://ftp.dot.state.oh.us/pub/Contracts/Attach/SUM-97638/Reference%20Files/>**

**Question Submitted:** 11/9/2018 9:47:57 AM **Question Number - 0**

The 615 Temp. Pvmt. quantity stated on page 23 of Part 1 is 688 SY. The quantity carried to the Proposal is 777 SY. Please review and clarify.

**this will be revised in the forthcoming addenda**

**Question Submitted:** 11/9/2018 8:24:28 AM **Question Number - 0**

Will ODOT make soil Borings available for Phase 2 Part 3 Sanitary Sewer so Prime Contractors and Dewatering Sub Contractors can develop there bids ?

**Borings for part 2 are included in the borings for part 1. There are no separate borings for part 3 as it is contained within the footprint of Parts 1 and 2.**

**Question Submitted:** 11/7/2018 1:16:13 PM **Question Number - 0**

Can the Department provide flow rates for the 8" & 12" sanitary sewers in Part 3.

**Flow metering has not been performed. For estimating purposes peak flows in the existing sewer along Gardner have been anticipated to be in the area of 500gpm.**

**Question Submitted:** 11/6/2018 1:56:29 PM **Question Number - 0**

Can the office calcs be made available?

**Question Submitted:** 11/6/2018 10:14:21 AM **Question Number - 0**

In part 1, can the department please review their intention to be filling and plugging or plugging references FP-20, P-155, P-61, P-60, P-158? Can the department also review their intentions to place conduit (references P-160, P-161, and P-162) from abandoned catch basins to proposed catch basins? Also can ODOT please provide detail for P-162?

**Part 1 and Part 2 were designed to be built at separate times due to funding constraints. The result of the plans being sold together is that there are items that were set up for part 1 to be functional until the time part 2 was built that may no longer be necessary. These items would be non-performed. Pipe profile P-162 will be added in the forthcoming addenda.**

**Question Submitted:** 11/2/2018 4:04:01 PM **Question Number - 0**

Pay item 140 is for a 25' bracket arm. This item has a plan note on page 266 which state the that Model if providing a Union Metal design should be style 70028. The 70028 single pipe design arm which can be a maximum size of 6'. This conflicts with the item description. Is a 25' truss arm intended? Can an addendum be issued to clarify this conflicting information.

**Addenda will be issued to clarify.**

**Question Submitted:** 11/1/2018 3:04:38 PM **Question Number - 0**

Can ODOT add a bid item for the 27" Type B 707.42 Conduit run shown on page 100 of the plans

**Pay item to be clarified in forthcoming addenda**

\*\*\* DISCLAIMER - Prebid questions and answers provided are for informational purposes only and are not part of the Bid Documents. If a question warrants a revision to the Bid Documents, the Department will issue an addendum.

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/1/2018 9:43:32 AM **Question Number - 0**

Part 3 page 10/12: The profile data for SA-4 indicates 15" conduit (NW) & (SE). It appears this should be 12". Please clarify.

**the conduit should be 12". The sheet shall be revised in the forthcoming addenda.**

**Question Submitted:** 11/1/2018 9:39:11 AM **Question Number - 0**

Part 3 page 10/12: The plan view of SP-23 & SA-7 indicates 12" conduit. The profile indicates 8" conduit. Please clarify.

**The conduit should be 8". The plan sheet will be revised in a forthcoming addenda.**

**Question Submitted:** 11/1/2018 9:33:49 AM **Question Number - 0**

Please review the quantity for Ref. No. 391 Field Office, Type C 84 Months.

**quantity to be revised in forthcoming addenda**

**Question Submitted:** 11/1/2018 9:29:55 AM **Question Number - 0**

In Part 3 page 4/12 the note for Item - 255 Full Depth Pavement Removal and Rigid Replacement, Class QC1 directs the contractor to replace the pavement with asphalt. The detail on page 5/12 also shows asphalt replacement. Please clarify if this should be Item 253 or provide notes and details for Item 255.

**This will be clarified in an upcoming addenda.**

**Question Submitted:** 11/1/2018 9:18:34 AM **Question Number - 0**

In Part 3 page 3/12 SANITARY SEWER notes state that the cost of by-pass pumping is to be "included in the bid price for "TEMPORARY SEWAGE PUMPING"". The TEMPORARY SEWAGE PUMPING note on page 4/12 states payment will be considered incidental to item 611. Please clarify if a By-Pass Pumping pay item will be added, or if the cost should be included in 611 items.

**The cost for the pumping is to be included bid for the 611 items. The sanitary sewer note will be revised in a forthcoming addenda.**

**Question Submitted:** 11/1/2018 9:11:47 AM **Question Number - 0**

Page 1/12 Part 3 of the plans lists CMS 2016 and the note on page 3 states CMS 2013 is to be used. Please clarify.

**Plans are utilizing the 2016 CMS. Note on sheet 3 will be updated in a forthcoming addenda.**

**Project No. 180593**

**Sale Date - 11/29/2018**

**VAN-101085 - Jefferson St**

**Question Submitted:** 11/15/2018 2:30:24 PM **Question Number - 0**

What are the voltages in the power lines running along the West side of the structure?

**Per a discussion with Mike Wise from AEP, the power lines in question are 4800 volts. No plan change or addendum will be provided.**

**Question Submitted:** 11/15/2018 12:44:53 PM **Question Number - 0**

Are any additional existing plans available besides the 4 pages that were posted on the FTP directory?

**Question Submitted:** 11/15/2018 12:41:24 PM **Question Number - 0**

Page 21/39 states that hoe-rams will not be permitted for demolition. Could they be permitted for superstructure removal?

**No. They will not be permitted for superstructure removal. There will be no plan change or addendum.**

**Question Submitted:** 11/13/2018 10:53:05 AM **Question Number - 0**

Where is the sidewalk on the approach slabs to be included for payment?

**The intent is to include the construction of the sidewalks on the approach slabs with Ref. Line 0075, Item 526E15001, REINFORCED CONCRETE APPROACH CLABS (T=13"), AS PER PLAN. In a forthcoming addendum, the plans will be revised to provide additional clarification.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/9/2018 4:10:40 PM **Question Number - 0**

Would ODOT consider removing PN 555 from this job since the bridge deck is so small the cost to the job would be significant.

**Per a forthcoming addendum, PN 555 will no longer apply to this project.**

**Question Submitted:** 11/9/2018 12:53:01 PM **Question Number - 0**

Will ODOT make the geotech borings referred to on sheet 3/39 with existing pavement cores/depths available for contractors?

**The geotech borings/report will be available on the project's "Reference Files" FTP directory.**

**Project No. 180594**

**Sale Date - 11/29/2018**

WYA-102664 - SR 67-26.80

**Question Submitted:** 11/12/2018 3:33:35 PM **Question Number - 0**

Will ODOT be signing the detour or will it be the contractor's responsibility?

**Per the note on Sheet 7 "The detours shall be established, maintained, and subsequently removed by the State of Ohio."**

**Question Submitted:** 11/12/2018 1:42:57 PM **Question Number - 0**

Is the concrete in the approach slabs also QC/QA?

**Refer to ODOT's Construction and Material Specifications, Item 526 Approach Slabs, and the plans for specifics on the concrete in the approach slabs. No plan change or addendum required.**

**Question Submitted:** 11/7/2018 11:28:42 AM **Question Number - 0**

Please verify the bid quantity for Ref #50, Refurbish Bearings. It appears to be half the bearings.

**The quantity listed in Ref #50, Item 516E45305, Refurbishing Bearing Device, As Per Plan, is show correctly in the proposal and on the General Summary plan sheet 9/31. On plan sheet 15/31, there is an errant quantity of 12 each listed under the "PIER" column. The quantity listed under the "TOTAL" column on plan sheet 15/31 is shown correctly. Plan Sheet 15/31 will be revised in a forthcoming addendum.**

**Project No. 180596**

**Sale Date - 11/29/2018**

STA-106201 - LG FY2019

**Question Submitted:** 11/15/2018 8:31:38 AM **Question Number - 0**

In response to the answer to the first question submitted, the soil boring logs indicate that the borings north of SR 800 were all drilled through the asphalt shoulder in front of the guardrail, likely off of the back of the drilling rig. The actual tower locations are a minimum of 6 feet, and up to 20 feet behind the guardrail or barrier wall on steep slopes. Embankments would have to be built to create a level surface for the drilling rig and the crews to be able to work. This would require longer term guardrail removals, and in the case of NW-1, barrier wall removals and reinstallation. These requirements will also have a greater impact on traffic during the project with respect to lane and shoulder closures. We request that the state reconsider relocating the towers to the median.

**An addendum will be filed to include quantities for portable barrier and impact attenuators along with concrete barrier removal and replacement. Note will be added stating that Embankment for work areas will be incidental to the MOT lump sum. As per the previous answer - guardrail removal and replacement will incidental to MOT.**

**Question Submitted:** 11/13/2018 4:00:46 PM **Question Number - 0**

The existing conditions create quite a bit of difficulty with the installation of the 7 foundations and towers on the north end of the project. In each case, access is made difficult by the guardrail, and in the case of NW-1, the barrier wall. Furthermore due to the slopes at each location, access would have to be built to reach the foundation locations and create a level working area. These locations would require multiple lane closures, guardrail removal and replacement, temporary barrier wall to protect the missing guardrail, building the access to each location, and the restoration. Would it be feasible to redesign this portion of the circuit to locate the towers in the grass median, with guardrail protection at each tower as needed?

**Towers were not put in the median to prevent extra unwanted guardrail. Furthermore - PID 90973 is installing a crossover in the median and is performing work in the median across from tower NW-1. Borings were drilled in all locations leading us to believe towers could be installed in a similar manner. Note "to include cost associated with removal and replacement of guardrail along with temporary barrier and restoration if needed will be included with the lump sum price bid for Item 614 Maintaining Traffic" will be added via addendum.**

# Ohio Department of Transportation - Prebid Questions

Project No. 180599

Sale Date - 12/13/2018

ATB-100935 - /TRU MCRO FY2019

**Question Submitted:** 11/8/2018 3:43:36 PM **Question Number - 0**

Would ODOT consider revising the interim completion date on Route 45 0.00 to 1.87? Work consists of line removal, crack seal, asphalt repairs, microsurfacing, permanent striping, and RPMs before this date. We are concerned that temperatures and weather may be an issue to get all of this completed by June 1.

**This note will be deleted via upcoming addendum in December**

Project No. 180608

Sale Date - 12/13/2018

GUE-101643 - SR 209-08.56

**Question Submitted:** 11/15/2018 1:55:38 PM **Question Number - 0**

It appears the quantities for items 601E21100 Slope Protection, Misc.; Concrete Canvas and 601E32204 Rock Channel Protection, Type C with Geotextile Fabric are shown correctly on sheet 13 and 15 of the plans and the quantities were flipped on page 2 lines 18 and 19 of the proposal bidform.

**Question Submitted:** 11/15/2018 11:25:41 AM **Question Number - 0**

The rear abutment bearing shims are over 9" thick and will weigh over 775 lbs each. Will multiple layers of shims be allowed to be used? If so, please provide a welding detail.

**An option to use multiple or single top steel load plates will be permitted. Please see forthcoming addendum and bid accordingly.**

**Question Submitted:** 11/15/2018 11:23:54 AM **Question Number - 0**

The rear abutment bearings are having shims added which will raise the steel by over 9", will section 501.05B paragraph 5c which states maintain a maximum differential jacking height of 1 inch between any adjacent abutments or piers be enforced?

**The as per plan described jacking distance supersedes C&MS section 501.05B paragraph 5c.**

**Question Submitted:** 11/15/2018 11:22:23 AM **Question Number - 0**

The note on sheet 29 under item 516, Jacking and Temporary Support of Superstructure, as per plan states "jacking operations and bearing retrofit work at the rear abutment shall occur after bridge is closed to traffic and prior to the removal of any portions of the existing deck and prior to the initial survey. Also on sheet 29 the note under item 516 Bearing Device, Misc.: Retrofit states the contractor must perform all proposed bearing work, at the abutments, after the deck is removed and prior to attaching the end expansion joint armors. Which method is correct?

**Sequence the bearing work at the abutments as described by ITEM 516 – JACKING AND TEMPORARY SUPPORT OF SUPERSTRUCTURE, AS PER PLAN on sheet 29/103. Please see forthcoming addendum to for corrected ITEM 516 – BEARING DEVICE, MISC.: RETROFIT note and bid accordingly.**

**Question Submitted:** 11/15/2018 11:21:13 AM **Question Number - 0**

The note on sheet 23 labeled, Other work included with item 608 - Concrete Steps, Type A, as per plan, states following CMS 519, patch any and all tread and riser areas, as directed by the engineer. It is not possible to determine how much additional deterioration will occur to the stair treads and risers between the bid date and the patching being completed in 2019. Please add a bid item for patching the stair tread and risers.

**Question Submitted:** 11/14/2018 2:21:24 PM **Question Number - 0**

Please confirm that Item 608 - Concrete Stairs, Type A, As Per Plan, requires fabrication of a new hand rail and not the reuse of existing hand rail.

**As stated on sheet 8/103 and shown on sheet 22/103, the existing handrail will be removed and disposed thereof. A new handrail is proposed on sheet 23/103 and reference if further made to standard drawing RM-2.1 for specifications not contained in the plan. Please bid accordingly.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/14/2018 7:46:39 AM **Question Number - 0**

Would ODOT consider combining the bridge demo bid items, line numbers 62, 63, and 64 into a single LS item?

**The District has considered this option, but will keep the listed line items separate. Please bid accordingly.**

**Question Submitted:** 11/13/2018 1:07:31 PM **Question Number - 0**

The note on sheet 8 under item 611 12" Conduit, Type B, APP states the removal of the existing concrete conduit which matches the location of this item is incidental to this item. Sheet 20 the note for item 611 states replace portion of existing 12" CMP through the wingwall. Is the existing pipe concrete or CMP?

**The note on sheet 8 under item 611 12" Conduit, Type B, APP incorrectly states the existing conduit material type to be removed. The existing conduit material is C.M.P. Please see forthcoming addendum and bid accordingly.**

**Question Submitted:** 11/13/2018 1:05:01 PM **Question Number - 0**

Would ODOT consider combining the demo bid items into a single LS item?

**Please indicate the work categories, items, and/or sheet numbers pertaining to this question and restate.**

**Project No. 180611**

**Sale Date - 12/13/2018**

MAD-105547 - US 42-00.00

**Question Submitted:** 11/7/2018 8:57:04 AM **Question Number - 0**

BR# 55 Signalization Misc: unlash and relash messenger wire (40') this item should be 160' just for the radar unit being installed on the SE corner. The other radar unit is to be mounted on the controller corner.

**This quantity will be updated via a forthcoming addendum.**

**Project No. 180614**

**Sale Date - 12/13/2018**

MOT-90289 - SR 741-03.62

**Question Submitted:** 11/16/2018 2:51:03 PM **Question Number - 0**

Bid Ref# 102 - (Pull Box, 725.08, 32") 2 each. This item is not listed on the Summary? Where are these boxes to be installed?

**Question Submitted:** 11/16/2018 10:03:40 AM **Question Number - 0**

Bid Ref# 113 (20 Detector Loops) the locations are in the plans but the sizes are marked as 4.5 & 6 power head. Are the size 6 to be 6'x20' power heads and the 4.5 to be 6'x9' angular?

**Question Submitted:** 11/16/2018 9:59:17 AM **Question Number - 0**

Bid Ref# 95 - (Conduit, 4", 725.04 / 33') this item is not listed on the Summary? Where is this conduit to be installed?

**Question Submitted:** 11/16/2018 9:55:52 AM **Question Number - 0**

Bid Ref# 150 - (Fiber Optic Training) their is not a plan note in the plans for this pay item? What is ODOT wanting?

**Question Submitted:** 11/7/2018 8:40:56 AM **Question Number - 0**

Can the traffic signal work be performed during normal working hours on this project or does it have to be performed at night? The traffic signal work will require a lane to be closed while working and opened at the end of each day.

**Per the Item 614, maintaining traffic note on sheet 13 of 240, A minimum of two lanes of traffic in each direction of SR-741 shall be maintained during daytime hours.**

# Ohio Department of Transportation - Prebid Questions

**Project No. 180615**

**Sale Date - 12/13/2018**

MRG-87114 - SR 669-05.62

**Question Submitted:** 11/13/2018 10:05:41 AM **Question Number - 0**

REF# 1 - SINGLE CHIP SEAL, TYPE A, APP – CMS 422.06 Requires the removal of all existing pavement markings, except 740.02 (traffic paint), prior to applying the chip seal. What material(s) are the existing pavement markings and will they be required to be removed?

**The existing long line pavement markings are Item 642 paint. The auxiliary markings are Item 644, thermoplastic. The long line markings will not require removal.**

**Project No. 180617**

**Sale Date - 12/13/2018**

ROS-102007 - SR 159-05.06

**Question Submitted:** 11/12/2018 2:58:51 PM **Question Number - 0**

Pay item 92 requires the 2070 controller to be supplied with SEPAC software. Is that specification correct or should this controller be supplied with Econolite ASC3 software which the state is now using.

**Question Submitted:** 11/12/2018 2:54:45 PM **Question Number - 0**

Plan page 58 shows that two poles require 30' bracket arms. However, there is not a pay item for these bracket arms. Can an addendum be issued to add a pay item for these bracket arms.

**Project No. 181056**

**Sale Date - 11/29/2018**

D06-98215 - ELEC FY19

**Question Submitted:** 11/16/2018 10:24:29 AM **Question Number - 0**

In the plan pages of the project 181056 page 1 refers to supplemental specifications and page 5 refer to led lighting. On page 6 and in the general summary and proposal only High Pressure Sodium WATTAGE'S are listed with reference numbers and quantities Is the project going to add led lighting proposal reference numbers with quantities?

**Project No. 181058**

**Sale Date - 11/29/2018**

BRO-108823 - SR 125-07.10 Tree Removal

**Question Submitted:** 11/9/2018 9:51:14 AM **Question Number - 0**

Could further clarification be provided on required erosion control measures needed?

**Project No. 182014**

**Sale Date - 12/14/2018**

SUM-96728 - D04 SUM IntChg Salt Building

**Question Submitted:** 11/16/2018 2:28:08 PM **Question Number - 0**

Can the existing plans be made available for the project?

**There are no existing plans for the subject project.**

**Project No. 184024**

**Sale Date - 11/29/2018**

WAY-90941 - SR 302-02.18

**Question Submitted:** 11/16/2018 8:24:33 AM **Question Number - 0**

The existing structure drawings do not appear to have been uploaded to the reference file for WAY-90941. Thank you.

**The existing bridge plans are in the shared drive in the Reference Files folder under WAY-90941. The plans are named 307(53)\_WAY-302-1.49B.No addendum required.**

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/4/2018 6:35:56 PM **Question Number - 0**

Can the existing structure drawings be made available?

**The existing drawings have been uploaded in the shared drive under Reference file folder WAY-90941.No plan change or addendum required.**

**Question Submitted:** 11/4/2018 6:32:28 PM **Question Number - 0**

The waterway permits do not allow the use of temporary access fills for this project. Temporary access fills include cofferdams and sheet piling. Cofferdams will more than likely be required as the bottom of footing elevation is below the normal water surface elevation of Christmas Run. This will make it impossible to build the substructure in the dry. Please clarify whether or not cofferdams will be permitted on this project.

**Cofferdams will be permitted for this construction. The waterway permit and special provisions will be revised for the temporary fills prior to the start of construction.No plan changes or addendum required.**

**Question Submitted:** 10/26/2018 9:03:15 AM **Question Number - 0**

The 47' long laminated pad as detailed on sheet 7 or 18 is outside the capacity of any elastomeric bearing manufacturer. Please review and revise as needed.

**The quantity of 2 each of elastomeric bearing pads refers to 2 locations, not to only 2 continuous pieces of pad. The contractor can provide any combination of available sized pieces as long as the combination provides continuous coverage of the entire 47' length.No plan change or addendum required.**

**Question Submitted:** 10/19/2018 9:27:56 AM **Question Number - 0**

There is a quantity error with PMAEJ Item #67. I believe the error related to oversight on plans that did not take into account or remove the sidewalk at each corner. Since the PMAEJ's cannot be placed up vertical surfaces (sidewalk curb), a better product for sealing joint at sidewalk would be silicone, which could be incidental to PMAEJ item. The PMAEJ can be placed full 32' width of roadway width between face of curbs, which would bring quantity of item down to 27 CF. Please issue addendum.

**The PMAEJ should be placed only between the face of curbs. Preformed expansion joint filler (PEJF) should be added at the concrete to concrete interface. Both the PMAEJ and PEJF quantities will be revised in the forthcoming addendum.**

**Project No. 184025**

**Sale Date - 11/29/2018**

FUL-91327 - US 20-23.60 Culvert

**Question Submitted:** 11/9/2018 12:34:21 PM **Question Number - 0**

Please review the description for Line #29 in the proposal. Should it be Asphalt Surface Course, 9.5mm, TY A (448) ?

**Project No. 187083**

**Sale Date - 11/29/2018**

MOE-108440 - SR 26-09.56

**Question Submitted:** 11/15/2018 9:25:15 AM **Question Number - 0**

Can the 12/31/18 interim completion date be extended? With 11/29 bid date precast panels will not be available by the completion date.

**Project No. 187084**

**Sale Date - 11/29/2018**

WAS-108383 - SR 260-09.00

**Question Submitted:** 11/16/2018 3:38:50 PM **Question Number - 0**

Based off of conversations with multiple precast companies they will not be able to construct and deliver the precast lagging for this project until mid February 2019. Can the interim completion date of 01/31/18 be extended?

**Question Submitted:** 11/16/2018 3:35:09 PM **Question Number - 0**

Bore logs were not included with the plans. Can bore logs for this project be made available?

\*\*\* DISCLAIMER - Prebid questions and answers provided are for informational purposes only and are not part of the Bid Documents. If a question warrants a revision to the Bid Documents, the Department will issue an addendum.

## Ohio Department of Transportation - Prebid Questions

**Question Submitted:** 11/16/2018 3:05:40 PM      **Question Number - 0**

Can a copy of the Geotech report be made available?