

PRE-LETTING QUESTIONS AND ANSWERS

CONTROL: 0043-09-144, Etc. COUNTY: Wichita AREA OFFICE: Wichita Falls AO HIGHWAY: IH 44, Etc.
 PROJECT: BR 2021(701) LET DATE: 8/4/2021 AREA ENGINEER: Callan Coltharp, P.E. EMAIL QUESTIONS TO: Callan.Coltharp@txdot.gov

****CHANGES FROM PREVIOUS VERSION HAVE BEEN HIGHLIGHTED BELOW****

PREVIOUS VERSION: N/A CURRENT VERSION: 1

| # | DATE RECEIVED | STATUS | QUESTION | ANSWER |
|----|---------------|--------|---|--|
| 1 | 7/20/2021 | | The installation of bearing pads is critical to all other phases to the project completion and is shown to be the 1st phase of the project. Do to the 68 working day schedule, the ability to engineer, design, approve, order (long lead time) bearing pads and installation is difficult at best. Would the state consider extending the schedule to allow for this expected delay? | The working day schedule will remain at 68 working days as shown in the plans. "Begin work within 30 calendar days after...after the authorization date to begin work," in accordance with Item 8.1. The contractor is responsible for ordering materials in a manner that does not cause a delay to the project. |
| 2 | 7/27/2021 | | Item 428-6001 This item is usually installed after new construction. Initial application was not made – Correct? If installed after new construction, there will, be a need to prep the surface by sandblast. Water blast prep will not be allowed. Correct? | Correct. Clean the concrete surface as described in Item 428.3 "Clean the concrete surfaces using shot or abrasive blasting..." |
| 3 | 7/27/2021 | | Item 429-6007 It did not appear that any locations have been marked for repair. Correct? What assistance will TxDOT need to mark repairs? Lane closures? Lift equipment? | Locations for repairs are as shown on plans. TxDOT will not require any assistance, lane closures, or additional equipment outside of what the contractor needs to perform the work. |
| 4 | 7/27/2021 | | Item 483-6017 Prep deck surface by shot blasting? Hydro demo will be required to remove existing concrete to just below top mat of rebars 3". Correct? Waste water containment plan will be required by contractor. Correct? | The top 3" to be milled consists of 1.5" of PFC and 1.5" of LMC. The LMC may contain steel fibers as mentioned on sheet 93 of the plans. This item is intended to remove these layers and not impede existing bridge slab steel. Hydro demo will not be required to removed existing concrete below top mat of rebars. |
| 5 | 7/27/2021 | | Item 4106 "Within 2 hours of placing primer" This is not a thin overlay operation that would require primer. Primer is not required for a 3" overlay. Correct? | The primer is required by Special Specification 4106 that meets the requirements shown in Table 1. Special Specification 4106.4.3.4 "...Apply polyester concrete after 15 min. and within 2 hr. of placing the primer. |
| 5 | 7/28/2021 | | I have been trying to get quotes on the bearing pads for this project and have been told by all three approved bearing manufacturers that the drawings are missing information and the quantities are incorrect. The manufacturers have told me that they will not quote this project. Can this issue get looked at and clarified? | The quantities are as shown on the plans and are correct. Information for manufacturing can be found on standard sheets UBEB sheets 94 and 95 in the plan set. Additional information can be found on sheet 47 and includes a note stating to "field verify existing pad dimensions before ordering materials." |
| 6 | 7/30/2021 | | Please confirm that there are no time constraints for the lane closures shown in Phase II & III for the application of the polyester concrete overlay. | Work will be preferred to be done during nighttime hours due to lower traffic volumes. |
| 7 | 7/30/2021 | | The polyester concrete overlay notes require mechanical grooving. Will this be required each phase prior to the traffic switch from A to B or can it be done at the end of the project? Will TxDOT consider allowing tining instead? | Mechanical grooving will be required after each traffic phase switch. Tining will not be allowed. |
| 8 | 0730/21 | | 1. The Note for the Bent Cleaning on Sheet 47 says to remove and salvage the pigeon barriers and if they cannot be salvaged to replace them. We do not have near enough information on these pigeon barriers to be able to bid this item. The problems here include: a. The number of locations with the pigeon barriers is highly variable. Some caps have five bays, some caps have three bays. Some of the caps have barriers on all of the bays, some on two and some on one. b. We have no details on what the pigeon barrier is. Is it sheet metal? What size? Is it coated? With what? What are the fasteners and how are they spaced? Will we have to replace the frames? What are they made of? c. What do we do in the areas where the frames are still there but the covering is gone? Leave it as is? d. Do we have to remove the frames to do the cleaning or just the covering? | The barriers are very simple angle iron frames with a sheet metal cover. They are not attached to the substructure but are simply sitting on the cap ledge. It is to be expected they can be easily removed and replaced without unique equipment or labor. |
| 9 | 7/30/2021 | | There is no detail for the Penetrating Concrete Surface Treatment on the Bents. What surfaces get treated? | From the General Note on sheet 47, "Apply Penetrating Concrete Surface Treatment to the deck surface at the locations shown and on the full surface area o substructure units at the locations shown..." |
| 10 | 7/30/2021 | | There is a Berm Detail on Sheet 48. Are we expected to repair the Berm or is this just for our information? If we are to repair it, how many locations? | Berms are to be repaired. The Bridge Layouts have locations called out. Rough count of 14 locations on the NB overhead, and 14 on SB overhead. Please see plans for actual locations. This work will be paid for under Item 429 and quantities for the work are included in the estimate. |