

Ohio Department of Transportation

Prebid Questions

Project No. 070166

Sale Date - 3/16/2007

Question Submitted: 3/12/2007

Question Number: 1

Please provide drawings of existing structure SCI-SF6-0414.

There are no drawings for the existing bridge. Information shown in Plan were obtained by field measurements and observations.

Question Submitted: 3/14/2007

Question Number: 2

Plan sheet 8/19: Do you have phone numbers for Dickson Weatherproofing, Art Thureson, Inc & Lewis Bolt & Nut?

Lewis Bolt & Nut Company is (800) 328-3480; Art Thureson, Inc. is (248)623-8599; The Dickson Weatherproof Nail Company is unknown

Question Submitted: 3/5/2007

Question Number: 3

1)Page 8/19 calls for the laminating material to be DF or SYP, but table A calls it to be SYP. Can I assume DF can be used for the Laminates as well as the solid sawn as long as it is comparable in strength?2)What is the combination symbol for the glulam railing and Deck? #1 & Better is reference to solid sawn material. I assume Horizontal Laminations for all glulam members?3)Plans show the railing as A glulam, but table A calls out solid sawn DF or SYP. Can I assume the railing is glulam?4)Typically the solid sawn material for the Scuppers, Curb, and Posts are S4S nominal. I assume that is what you meant with SAS?5)Should I assume treatment options #1 & #2 from Table A pg 9/19 refer to Laminated material and #3 to the solid sawn? 6)On table A pg 9/19, Laminated and solid sawn material need to have a moisture content of less than 19% at time of construction. It is not a recognized practice to KDAT Oil borne treatments. Also, if the solid sawn material is KDAT to less than 19% it would cause premature season checks and cracks. I assume this would not be acceptable, would a moisture content of 25% would be acceptable? 7)Suggest field drilling the railing. This seems to work better from our experience.8)On Page 15/19, what are the size of the plates next to the rail posts? And what is the size of the 2 rods/bolts that go with these plates?9)Can you provide spacing of the Posts? There might be a conflict with the spacing relative to the stress bar placement.10) I assume we can provide full length curbs & railing if we choose.

Answer: Yes, you can use Douglas Fir as long as it is comparable in strength. Answer: I don't fully understand the question. If you are asking about the orientation of the deck members, they are to be placed longitudinally spanning from abutment to abutment as shown by section on sheet 15/19. Answer: Yes, railing is to be glue laminated. Answer: Yes, it should be S4S, this is a typo. Answer: Yes, this is how it is listed in the Preservative Treatment column in Table A. Answer: Yes, moisture content of <25% would be acceptable. Answer: Field drilling the railing will be acceptable. Answer: The plates are 3" X 3" X 3/8" Angles; The bolts are 3/4" Dia. Round Head Square Neck threaded bolt. Answer: Post spacing can be a maximum of 6'-3" as indicated in the plans, the spacing can be adjusted to a dimension less than this if needed to miss a stress bar location. Answer: The curbing and railing shall be constructed as detailed in the plans.

All prospective bidders, subcontractors, suppliers, materialmen and all others who have an interest in these prebid questions and answers are advised that these items are being provided for informational purposes only and are not part of the bidding documents. If a question warrants a clarification, the Department will issue an addenda addressing the request for clarification to all plan holders. If the Department believes that the bidding documents adequately address the request, the contractor will be advised accordingly.