

# Ohio Department of Transportation

## Prebid Questions

Project No. 045034

Sale Date - 8/25/2004

Question Submitted: 8/12/2004

Question Number: 1

The proposal has the competition date of 10-15-2004, but the structural steel note on page 6 of 9 says that phase I materials shall be available for shipment by May 1, 2005. Please clear up this conflict.

**Please see addendum #2.**

Question Submitted: 8/12/2004

Question Number: 2

View B-B on page 8J of 9 of the plans shows a bearing retainer and to see pages 10/28, 11/28, 12/28, & 13/28. These pages are not included with the 045034 plans. How long shall this retainer angle be? Should the retainer angle be galvanized???

**Please see addendum #1.**

Question Submitted: 8/12/2004

Question Number: 3

Views A-A & B-B on page 8J of 9 of the plans shows an "HP STEEL SHAPE", but fails to designate what the shape is. Suggest HP 10x42 would work fine.

**Please see addendum #1.**

Question Submitted: 8/19/2004

Question Number: 4

Will ODOT allow the contractor to waste excavation material on site?

**No, the contractor will not be allowed to waste the excavation material on the site.**

Question Submitted: 8/19/2004

Question Number: 5

In the general note section page 6/9 the plan note states that, "All shoulder pavement replacement work shall be completed by October 22, 2004". The proposal completion date is October 15, 2004. Also, there is a significant amount of Item 253 pavement repair (joint repair). Does this item have to be completed at the same time as the shoulder? Please clarify.

**Please see addendum #2.**

Question Submitted: 8/19/2004

Question Number: 6

1.) In the general note section page 6/9 the plan note states that, "All shoulder pavement replacement work shall be completed by October 22, 2004". The proposal completion date is October 15, 2004. Also, there is a significant amount of Item 253 pavement repair (joint repair). Does this item have to be completed at the same time as the shoulder? Please clarify.

2.) Will ODOT allow the contractor to waste excavation material on site?

Question Submitted: 8/20/2004

Question Number: 7

there is no paint system and/or coating called out for the structural steel. are we to prime as per IZEU, galvanize, leave plain, paint only the ends, paint entire bridge surface, etc?  
same question for the bearings.

**As per sheet 8A of 9 structural steel shall be A709 Grade 50W, unpainted steel beam. Sheet 8J of 9 indicates material for Laminated Elastomeric Bearing pads shall A588 weathering steel.**

Question Submitted: 8/24/2004

Question Number: 8

Ref 15 Item 513 structural steel members, level 3. sheet 17/28 plan note says type 2 crossframes. These are angle connections bolted to the beam. The drawing shows type 3 crossframes with connection plates welded to the beam. Is it the intent of the state to use type 2 bolted angle connections or type 3 connection plates with erection bolts?

sheet 23/28 refers to BS-1-93 for field splice 2 & 3 for additional information. the standard only goes to a W40 x 268. what size splice plates should be used? Also how many bolts are in the top flange of field splice 1 & 4?

**Type of angle connections on sheet 17/28: Answer - The drawing states a Type 2 connection per Std. Dwg. GSD-1-96 is to be used. This is correct. The drawing simply does not show all of the small bolts, but that does not mean it should be welded. The labeling dictates the type and Type 2 bolted angle connections are to be used. Details for field splice 2 & 3 on sheet 23/28: Answer - The splice design for 2 and 3 are to be per Std. Dwg. BS-1-93, sheet 3/3, for a W40x268 section for both the flange and web hole pattern and plate sizes for 50 ksi steel. Top and bottom flange bolt hole pattern for the typical field splice: Answer - The design note on Std. Dwg. BS-1-93 states, "When splicing beams of different sizes, the splice design shall be based on the lighter weight beam." Therefore, design the W40x215 splice per the W40x215 beam section. The contractor shall use the top flange bolt hole pattern as specified on sheet 3/3 of Std. Dwg. BS-1-93.**

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.