

Ohio Department of Transportation

Prebid Questions

Project No. 070339

Sale Date - 6/27/2007

Question Submitted: 6/5/2007

Question Number: 1

The plan indicate a 12 inch wide headwall being poured on top of the two side-by-side culvert structures. Refer to detail B/10, section B-B, page 10. Plan page 12 details the proposed guardrail mounting atop the 12" wide headwall using 7/8" resin anchors spaced roughly 2 inches from the outside edge of the headwall. Will this pose a potential weak point for the guardrail integrity? Will the 12 structure mounted guardrail posts be of the same "weathering steel" as described on page 2 of the plans?

The actual distance from the concrete edge to the centerline of the bolt is 2 1/2" inches. The concrete headwall is tied into the culvert top slab. Failure of the guardrail connection occurs before damaging the culvert top slab. This is true in highway bridges with respect to truck traffic. The W6x25 post is specified as ASTM A36 steel, not weathering steel."

Question Submitted: 6/5/2007

Question Number: 2

The plans indicate a 12 inch wide headwall being poured on top of the two side by side culvert structures. Refer to detail B-10, Section BB on page 10. Plan page 12 details the proposed guardrail mounting atop the 12 inch wide headwall using 7/8" resin anchors located roughly 2 inches from the outside edge of the headwall. Will this pose a potential weak point for the guardrail integrity? Will the (12) structure mounted guardrail posts be of the same "weathering steel" as described on page 2 of 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.