

Ohio Department of Transportation

Prebid Questions

Project No. 050587

Sale Date - 12/2/2005

Question Submitted: 11/21/2005

Question Number: 1

The bottom of sheeting elevations shown on 37/75 are as much as 18' below the elevation at which the soil borings show rock was encountered. Is the intent to embed the sheeting in rock?

Question Submitted: 11/21/2005

Question Number: 2

The bottom of sheeting elevations shown on 37/75 are as much as 18' below the elevation at which the soil borings show rock was encountered. Is the intent to embed the sheeting in rock?

Question Submitted: 11/21/2005

Question Number: 3

What portion of the sheeting shown on 37/75 is to be left in place?

Question Submitted: 11/25/2005

Question Number: 4

Ref. No. 71 and plan sheet 37 require sheet piling with S=69.1 cu.in/sf. I don't believe sheet piling this size or greater is currently domestically manufactured. Also, this seems like an awful heavy sheet pile to be used in cantilever application. Please review and advise.

Question Submitted: 11/29/2005

Question Number: 5

Reference is made to addendum #1.

Ref. No. 200, 2 each, Special - Inclinator, please additional information of what is required.

Plan sheets 37A and 37c require low strength mortar b/f, filter fabric and granular b/f behind the entire lagging wall. What is the purpose and the limits of the low strength mortar b/f? Is the LSMBF even necessary?

A1 The plans do not have limits on type or brand. Any inclinometers would be acceptable. A2 The low strength mortar backfill shall be placed within the limits of Item 524 Drilled Shafts, above the 3,000 psi drilled shaft concrete up to the existing ground line. The low strength mortar backfill may remain until the yellow pine lagging is to be installed, at which time it may be chipped out to allow the placement of the lagging.

Question Submitted: 11/30/2005

Question Number: 6

In review of the added sheets for addendum number 1, the section view on page 37A/75 indicates "low strength mortar from bottom of lagging to top of pier". What is the purpose of the mortar? Also what are the horizontal limits and thickness of the mortar? Please advise. Thanks

The low strength mortar backfill shall be placed within the limits of Item 524 Drilled Shafts, above the 3,000 psi drilled shaft concrete up to the existing ground line. The low strength mortar backfill may remain until the yellow pine lagging is to be installed, at which time it may be chipped out to allow the placement of the lagging.

Question Submitted: 11/30/2005

Question Number: 7

What is the vertical spacing of the L6"x6"x1" shown on 37C?

There is not a vertical spacing of the L6"x6"x1. These angles are placed under the bottom lagging board when the lagging is not setting on the top of the drilled shaft.

Question Submitted: 11/30/2005

Question Number: 8

Sheets 37A and 37C call for Low Strength Mortar Backfill to be from the bottom of the lagging to the top of the pier.

Is the "pier" the soldier pile? If so, is the intent that the low strength mortar fill extend above finished grade?

How thick is the low strength mortar backfill to be?

What are the horizontal and vertical limits of the low strength mortar backfill?

The low strength mortar backfill shall be placed within the limits of Item 524 Drilled Shafts, above the 3,000 psi drilled shaft concrete up to the existing ground line. The low strength mortar backfill may remain until the yellow pine lagging is to be installed, at which time it may be chipped out to allow the placement of the lagging.

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.