

# Ohio Department of Transportation

## Prebid Questions

Project No. 090317

Sale Date - 6/24/2009

Question Submitted: 5/20/2009

Question Number: 1

We are concerned that voids under the pavement, due to excavation of granular backfill around the existing culvert will cause a collapse of the existing pavement and PCB installed between the phases. With that being said, how will the granular fill be restrained from flowing out of the areas to the sides, bottom and top of the existing pipe? Vibration from vehicles will effectively reduce the angle of repose of existing granular backfill. Has the department considered closing the road for a period of time so that this excavation and installation could be done at one time? Would the department consider selling the project as A+B or have the designer propose a suitable method to hold back the granular material and protect the roadway between phases? The current plan does not indicate or depict this critical condition.

**We have provided ITEM 503 - COFFERDAMS, CRIBS, AND SHEETING in the plans for this purpose. Refer to CMS 503.01 for a description of the work. Closure of the roadway was investigated and the Department decided that the roadway will be maintained during construction. A+B was considered but the Department decided not to be utilized it on this project. As stated previously, ITEM 503 - COFFERDAMS, CRIBS, AND SHEETING in the plans for retaining the soil.**

Question Submitted: 6/1/2009

Question Number: 2

Will the department please add pay items for the Type A Rock Channel shown on page 28/41? A quantity for excavation for the rock channel placement also needs added. Please indicate where the pavement removal in the full depth section that is 150 feet long is paid for? Please indicate where the existing concrete channel shown on page 28/41 is to be paid for. Please show an anchor detail for Bridge Mounted PCB in a full depth asphalt section. The current standard does not show one. Who is responsible for any potential anchorage failures?

Question Submitted: 6/1/2009

Question Number: 3

The MOT plans call for temporary asphalt to be installed in phases 1 and 2. However, the plan does not have any quantity for replacement of the shoulders after the box culvert installation and temporary asphalt is used. The temporary asphalt is outside the 150 ft full depth area. The app note on temporary asphalt states to use Class A, flexible pavement for this work. Is it the intent to leave this temp asphalt in place for the new permanent shoulders or to remove it and reconstruct with a different pavement section? Either way, the temp pavement plan note needs clarified or items and a typical section needs added for the shoulder replacement once the culvert is installed.

Question Submitted: 6/1/2009

Question Number: 4

Please clarify the type of backfill material required in the trench above the culvert. Can we use 203 embankment or is a structural product required? The trench is approximately 50 ft long by 88 ft wide. The height above the box is approximately 5.1 ft. Since there is a pay item for the lsm backfill, is the backfill above the box to be paid with the 603 item or paid separately? Also, clarify the type and weights of equipment allowed on top of the precast box culvert.

Question Submitted: 6/19/2009

Question Number: 5

Please add a bid item for Item 201, Clearing and Grubbing as indicated on page 3/41 under the Clearing and Grubbing note.

Question Submitted: 6/8/2009

Question Number: 6

Per addendum No. 2, Reference #76 should have been deleted and Reference #75 should be 1050 FT. The revised proposal added more PCB than needed. Please clarify or correct the proposal.

Question Submitted: 6/8/2009

Question Number: 7

Per addendum No. 2, Reference #76 should have been deleted and Reference #75 should be 1050 FT. The revised proposal added more PCB than needed. Please clarify or correct the proposal.

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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.