

# Ohio Department of Transportation

## Prebid Questions

Project No. 050103

Sale Date - 2/23/2005

Question Submitted: 1/19/2005

Question Number: 1

On page 3 of plans. Ref 4 on the legend appeared to be Free Draining Base at one time and now is 304 Agg Base. With the change of material to stone will the Fabric Wrap For Underdrain Detail stay the same as shown on page 3? Also will the depth stay the same with the Fabric Wrap Underdrain ending in the middle of the Stone Base Layers? Refer to typical on page 3.

On page 8, 9, & 10. For the temporary edge line item could adding a line item for 614 Temporary Edge Line, Class 1, 740.06 be considered? There will be sections of pavement, which will not be milled and overlaid, that will have temporary markings placed and then removed in the mainline area.

Question Submitted: 1/31/2005

Question Number: 2

Ref 80: The Video Detection Cabinet equipment plan note refers to a wireless receiver. Is the receiver in the cabinet to communicate with the Video Camera or to some other device/location? There is no wireless specification for the camera. Cable runs are shown from the camera to the controller cabinet. What is the intended function of the wireless receiver? Please clarify.

Ref 79: Should the Color Video Detection Camera proposal/plan summary quantity be 4 as shown on the actual Traffic Signal Plan on page 41?

Question Submitted: 2/9/2005

Question Number: 3

Item 632, Signalization, Misc.: Color video Detection Camera, B/R 0079.

The specification for this item requires a "wireless video transmitter" be used to transmit the video from the camera back to the traffic cabinet. However, the wiring diagram also shows a power cable run from the cabinet to each camera.

If a power cable is required, why can't a video cable also be installed and eliminate the need for the "wireless transmitter". It is possible to run a single jacketed cable from the cabinet to each camera that includes both the power cable and video cable. This cable is roughly the same size as the power only cable and provides a video signal of the highest quality.

Wireless video should only be used where there is no chance of installing a cable (power or video). The performance of the video detection system requires a reliable high quality video signal. The quality of the video signal from a wireless source is nowhere near the quality or as reliable as the video received from a direct wired video source. Installing a lesser quality video source (as received from wireless video) will minimize the performance capabilities of the video detection system. It is our recommendation that a wireless video transmitter NOT be used in system as critical as the specified video detection system.

The wireless video detection camera is only available from a single source and is a proprietary item. Therefore if desired, should be bid following the guidelines as outlined for an alternate bid item. The base bid item must be open to numerous vendors.

**The "wireless video transmitter" requirement was established in the Scope of Work when this Project was programmed and approved. The Dept respectfully declines to redesign the requirements just prior to the letting. This is a 100% STATE Funded Project and does not fall under the Federal Requirements that require alternate bid items. The Dept respectfully declines to require alternate bid items.**

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.