There is not enough detail in the plan set to accurately quote the video detection system. Can a drawing showing the desired detection zones be made available or information be given on the number of cameras required at each of the three intersection locations.

3 cameras at the southernmost intersection, 4 cameras at the intersection just north and 3 cameras at Columbia Rd.

Since the Intermediate Course has to be placed no later than 3 days after the pavement planning, will the Project Engineer mark out areas of Item 255 repairs prior to the pavement planning? This would allow the full depth saw cutting to be performed prior to the pavement planning and aid in completing the full depth repairs and intermediate course within the 3 day limitation.

The intent is to give the project engineer and contractor some freedom with the full-depth repairs if they want/need to do them before pavement planing.

Could the Department please provide clarification to the Planed Surfaces note on page 10? Does the note apply only to lanes open to traffic? Does the note apply to 4-1/2" Pavement Planing, APP section, which will be a concrete milled surface?

The note applies to all planed surfaces

why is the trackless tack item specified to be applied at 0.15 gal/sy while the plan note reads that the application rate should be between 0.04 and .10 gal/sy

The rate specified in the plans is an estimate. The actual rate to be used is determined by the Project Engineer, refer to CMS 407.06.

Can the Department please review the notes regarding the 251, 253 and 255 Pavement Repairs and Planed Surfaces? Currently, the plans read that the scheduled pavement repairs are to commence within 7 days of the completion of the mainline pavement planing, but, the planed surfaces note on sheet 10 states that the associated intermediate courses must be placed within 3 days of the pavement planing, or be subjected to liquidated damages. Would the Department be willing to allow the repairs to take place before the pavement planing, or, increase the time traffic can be allowed on the planed surface?

Bid Ref. 55 Detector Loop, As Per Plan and Bid Ref. 56 Loop Detector Tie In call for a quantity of 30 Each. The general note on plan page 10 and the general summary on plan page 20 call for a quantity of 50 Each. Please verify the correct quantity of loops required. Also, please provide detail, locations, sizes, etc. for the loops as there is no information given in the plans for the required loops.

Could the Department please review the pavement design for the resurfacing section from SLM 19.34 - 20.43. It calls for 3/4" of 424 Type A Fine Graded Polymer Asphalt Concrete to be placed on 1-3/4" of 448 Type 2 Intermediate Asphalt Concrete. This has the potential to cause some rideability/smoothness issues. Typically Fine Graded Asphalt is placed over a Type 1, Intermediate Asphalt. Could the department please confirm that 448 Type 2, Intermediate is the desired mix for this pavement design.

The Department has reviewed the question and determined that the pavement buildup as shown in the plans is appropriate and will not be changed.

Is the video system permanent and for all phases

Yes, it is permanent and for all phases: 3 cameras at the southernmost intersection, 4 cameras at the inteserction just north, and 3 cameras at Columbia Rd.