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April 12, 1999

MEMORANDUM

TO: SECTION ENGINEERS

FROM: Roadway Design Division
C. Keith Purvis *CKP*

RE: Changes to Earthwork/Pavement Design

Details regarding the undercutting/control of design soil are examined very closely by Roadway Design and the District at or before the time the pavement design is finalized (usually well in advance of the office review). These details are forwarded to the design squad, in order that they may be included in the right-of-way plans. Later, these details are also summarized in the pavement design letter, and forwarded to the Chief Engineer, with a copy to the District Construction & Materials Engineers, the Construction Division, and the Research Division.

Recently, there have been a few occasions where changes to the undercutting/earthwork plan were proposed during the **office reviews**. In some cases, the earthwork was drastically changed. (Example: going from selected undercuts at a few locations and using the in place material in the cuts, to completely controlling the design soil and removing all material in the top three feet of all cuts.

The earthwork details should not be changed during the Office Review, after the pavement design has already been approved; however, if there is sufficient reason to consider a change, Brad Lewis should be present during the discussion. After the discussion, if the District still desires a change in earthwork details, a revised recommendation should be sent from the District to Roadway Design Division in the form of a request that we revise the strategy. If it is finally decided to change the earthwork, a change to the pavement design may also be required.

pc: Roadway Design Division (Pickering, Purvis, Reeves)

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