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FILE NO.

DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
INTRADEPARTMENTAL CORRESPONDENCE

HYDRAULICS OFFICE  
(225)379-1306

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**MEMORANDUM**

TO: OFFICE OF THE CHIEF ENGINEER  
Mr. William H. Temple, P. E.  
DOTD Chief Engineer Administrator

FROM: Julie Taylor, P. E.  
Hydraulic Design Engineer  
Road Design/Hydraulics Unit

DATE: March 10, 2005

SUBJECT: **PROPOSED DESIGN POLICY ON EROSION CONTROL**

For reasons specified herein the attached documents, a draft set of plan checking and design guidelines has been developed for use on DOTD NPDES permitted projects. These guidelines could result in noticeable changes to the current plan preparation methods. The intent is to satisfy federal regulators while at the same time, providing a more definitive erosion control plan with better quantity estimates and fewer plan changes. In order for designers to develop an effective erosion and sediment control plan, they must understand what is required for effective sediment and erosion control, as well as what is required to complete inspections in the field. This means producing clear and practical drawings such that the contractor understands how to install and maintain specified erosion controls, including Best Management Practices (BMPs). Ideally, plans should indicate where erosion controls (or BMPs) are to be installed, and when, or at what phase of construction, to install them.

The attached package was circulated to each of the major design sections and to construction personnel at headquarters as well as to the district design offices. A copy of the cover letter is attached. Feedback has been incorporated into the latest draft of the guidelines as attached here. These guidelines have been developed with the intention of including them as an addendum to our Hydraulics Manual. I am asking your office to review this package, and provide any comments or suggestions and/or approval for the proposal.

Should there be any questions, please contact Mr. Jack Manno (3-1306) or myself (3-1931).

c: Jack Manno, Hydraulic Engineer Administrator

RECOMMENDED FOR APPROVAL \_\_\_\_\_ DATE \_\_\_\_\_

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