

VIRGINIA DEPARTMENT OF TRANSPORTATION

# LOCATION AND DESIGN DIVISION

## INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM

GENERAL SUBJECT: GUARDRAIL PRE-BORING	NUMBER: IIM-LD-131.1
SPECIFIC SUBJECT: PRE-BORING FOR POST INSTALLATION	DATE: DECEMBER 1, 2005
	SUPERSEDES: IIM-LD-131
DIVISION ADMINISTRATOR APPROVAL: Mohammad Mirshahi, P.E State L&D Engineer Approved: December 1, 2005	

Changes are shaded.

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### CURRENT REVISION

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- Updated for current Division Administrator Approval.
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### EFFECTIVE DATE

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- This memorandum is effective upon receipt.
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### POLICY

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- We have been advised that several districts have had problems with the fill slope slipping after guardrail posts have been driven.
  - The District Administrator will furnish recommendations on whether the embankment material is likely to slide if guardrail post are driven, and if so, should the contractor be required to pre-bore the holes for wood or concrete posts?" If the answer to both questions is yes and the contractor has the option of wood or concrete posts, then the designer must show the following note below the Incidental Summary.

NOTE:

Fills between Sta. \_\_\_\_\_ to Sta. \_\_\_\_\_ shall be pre-bored prior to guardrail post installation if wood or concrete post is used.

The above note may be expanded to reflect location, NBL – SBL, and right or left, for more than one location requiring pre-boring.

This procedure is effective immediately on applicable projects.

- A Special Provision “Copied Note” will be included in the project assembly by the Construction Division which will indicate that costs for such pre-boring shall be included in the price bid per linear foot of guardrail or per each terminal as applicable.