

VIRGINIA DEPARTMENT OF TRANSPORTATION

# LOCATION AND DESIGN DIVISION

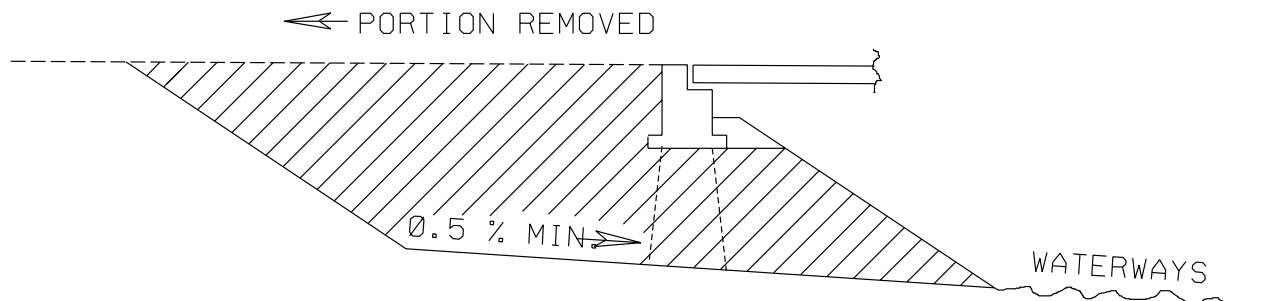
## INSTRUCTIONAL AND INFORMATIONAL MEMORANDUM

GENERAL SUBJECT: REMOVAL OF EXISTING BRIDGE AND APPROACH EMBANKMENTS	NUMBER: IIM-LD-94.1
SPECIFIC SUBJECT:	DATE: FEBRUARY 14, 1979
	SUPERSEDES: LD-78 (D) 94
DIVISION ADMINISTRATOR APPROVAL: <i>H. M. Shaver, Jr.</i>	

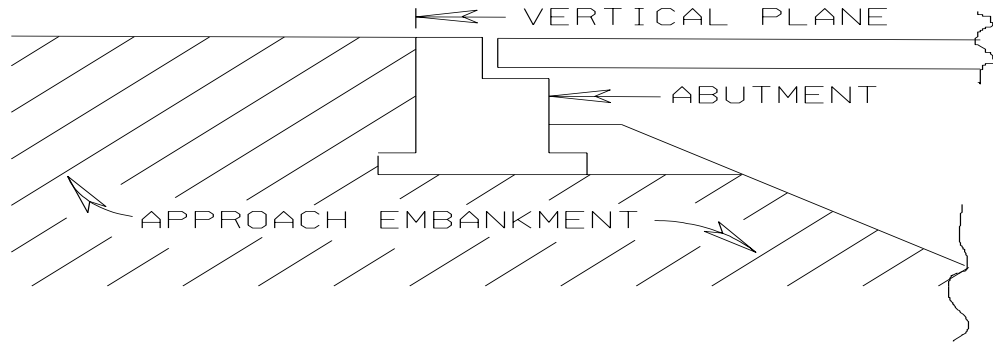
- When an existing bridge is to be removed, the bid item for removal of the existing bridge will include the entire superstructure and all portions of the substructure, such as abutments, wing walls and piers, pilings and riprap or slope protection. No portion of the approach roadway embankment is to be included in this bid item.
- The limits of the approach roadway embankment to be removed will be furnished to the road designer by the Hydraulics Section on Form LD-293b. These limits are to be shown on the road grading plans along with the following note:

“The existing approach roadway embankments will be removed between Station \_\_\_\_\_ and Station \_\_\_\_\_ as shown \_\_\_\_\_ and will be included in the quantity for regular excavation.”

- When a portion of existing approach embankments are removed for flood control, the remaining approach embankment surface should be graded on an approximate 0.5% slope toward the waterway in such a manner as not to impound any water on the surface after the flood waters have receded or after normal rainfall.



- The determination of quantities for the removal of approach embankment should be set up on a cubic yard basis and included in the plan quantity for regular excavation. The limits for computing the quantity is a vertical plane through the joint between the approach pavement and the end of the bridge.



- The road designer will request such additional survey information as is necessary to delineate and estimate the quantities of the embankment to be removed.
- The District Engineer must be afforded an opportunity to review and comment on the embankment removal proposal prior to completing the plans.
- These instructions are to be implemented upon receipt of this memorandum.