

Appendix 12B-4 LD-293B Report to VDOT Road Designer

ROAD DESIGN NOTIFICATION OF HYDRAULIC ANALYSIS

LOCATION

Route :
Project :
County/City :
Waterway Name :

PREPARED BY

Name :
Organization :
Date :

HYDRAULIC DATA

The Hydrologic and Hydraulic Analysis has been completed for this site and the report has been furnished to the Bridge Designer. No recommendations were made that would affect the road plans. The following recommendations were made that may affect the road plans:

The estimated ordinary high water elevation is ft.(m)

ABUTMENT SLOPE PROTECTION RECOMMENDATIONS

26" Class I Dry Riprap over 4" no. 25 or 26 aggregate over Filter Cloth will be hydraulically satisfactory.
650 mm Class I Dry Riprap over 100 mm no. 25 or 26 aggregate over Filter Cloth will be hydraulically satisfactory.
38" Class II Dry Riprap over 6" no. 25 or 26 aggregate over Filter Cloth will be hydraulically satisfactory.
950 mm Class II Dry Riprap over 150 mm no. 25 or 26 aggregate with Filter Cloth will be hydraulically satisfactory.

REMARKS

The existing approach roadway embankments from station to station are to be removed and the land is to be regraded to its natural contour. The work will be included in the quantity for regular excavation.

This project will not exert a significant flood plain impact.