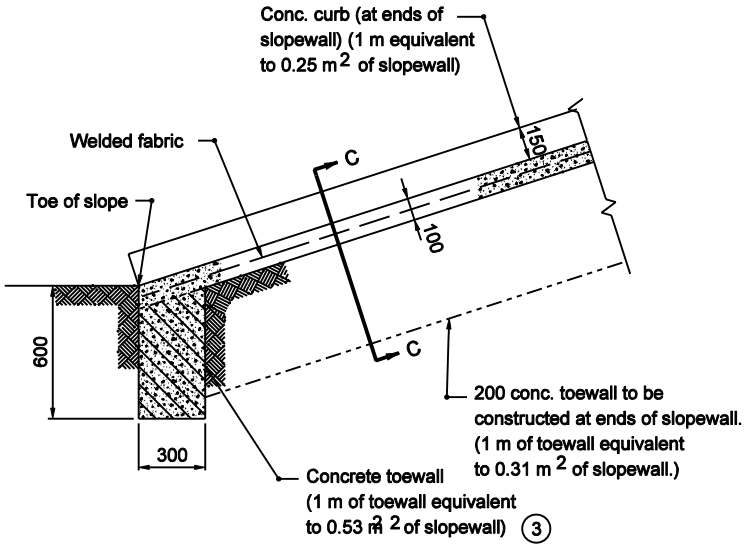
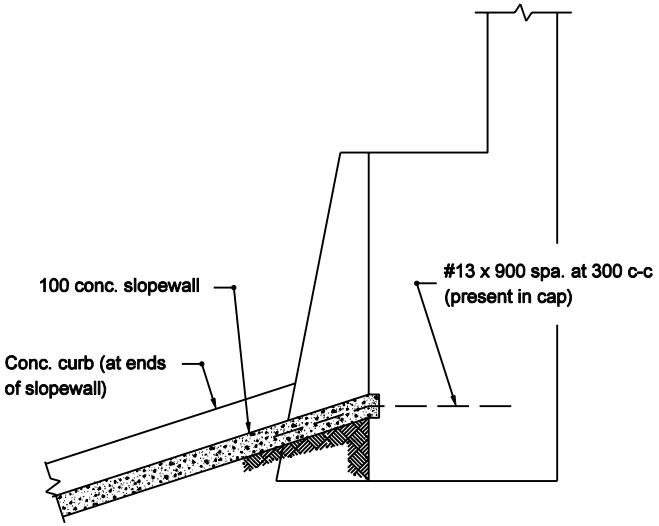


SECTION THROUGH CONCRETE SLOPEWALL

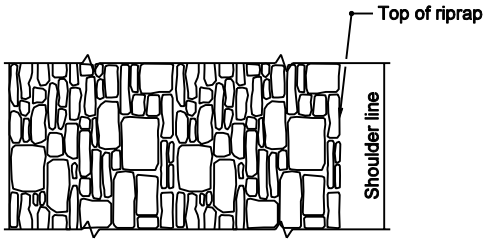


TYPICAL SECTION THROUGH SLOPEWALL AT STRUCTURES WITHOUT BERMS

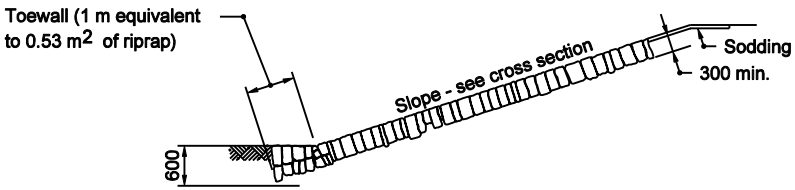
GENERAL NOTES

1. See Section F-F on Standard Drawing 616-SWCO-03 for Section C-C.
2. When hand-laid riprap is used under a structure, drainage configuration similar to that shown for precast concrete riprap shall be used. See Standard Drawing 616-SWRR-02 for such configuration.

3 Toewall is not required adjacent to piers or bents.



PLAN



SECTION THROUGH HAND-LAID RIPRAP

All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

CONCRETE AND RIPRAP SLOPEWALL DETAILS

SEPTEMBER 2003

STANDARD DRAWING NO. 616-SWCO-04

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-02-03
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-02-03
CHIEF HIGHWAY ENGINEER DATE