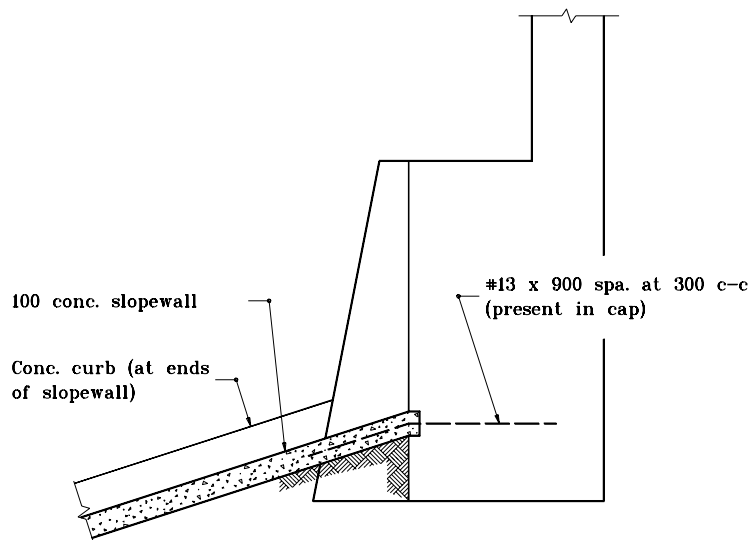


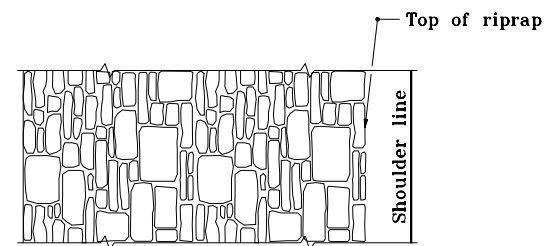
SECTION THROUGH CONCRETE SLOPEWALL



TYPICAL SECTION THROUGH SLOPEWALL AT STRUCTURES WITHOUT BERMS

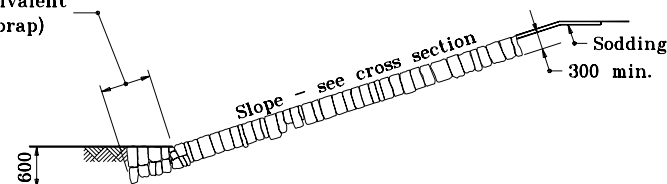
GENERAL NOTES

1. See Standard Drawing MB-2 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

Toewall (1 m equivalent to 0.53 m² of riprap)



SECTION THROUGH HAND-LAID RIPRAP

All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION	
CONCRETE AND RIPRAP SLOPEWALL DETAILS	
SEPTEMBER 2000	
STANDARD DRAWING NO. 616-SWC0-04	
	/s/ Anthony L. Uremovich 9-01-00 DESIGN STANDARDS ENGINEER DATE
	/s/ Firooz Zandi 9-01-00 CHIEF HIGHWAY ENGINEER DATE
DESIGN STANDARDS ENGINEER	