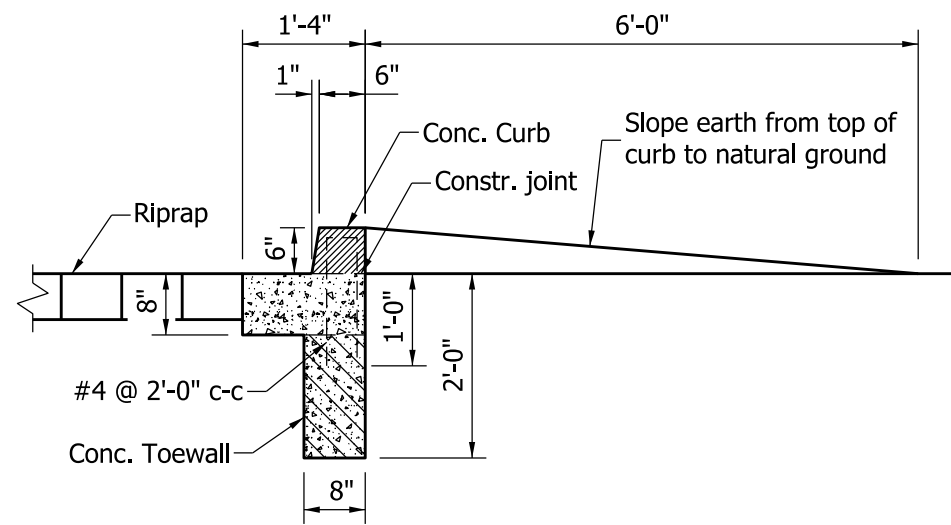
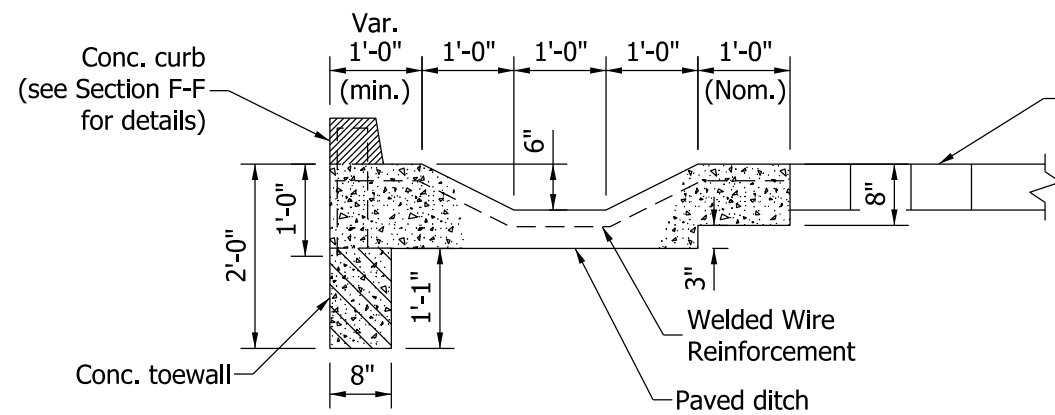


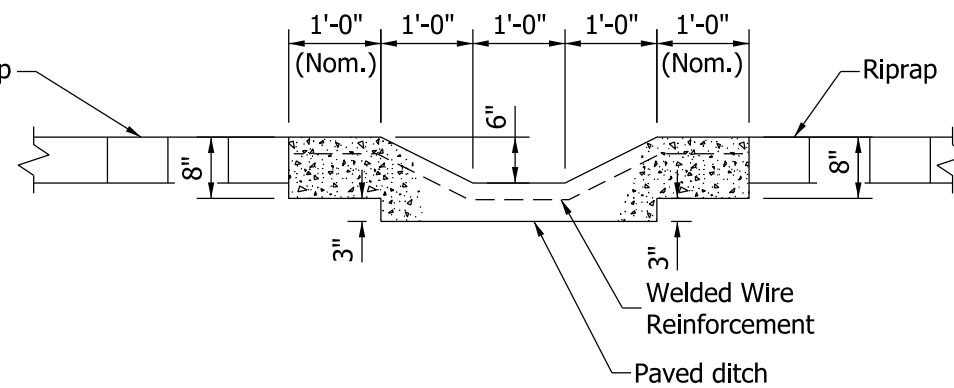
SECTION D-D



SECTION F-F

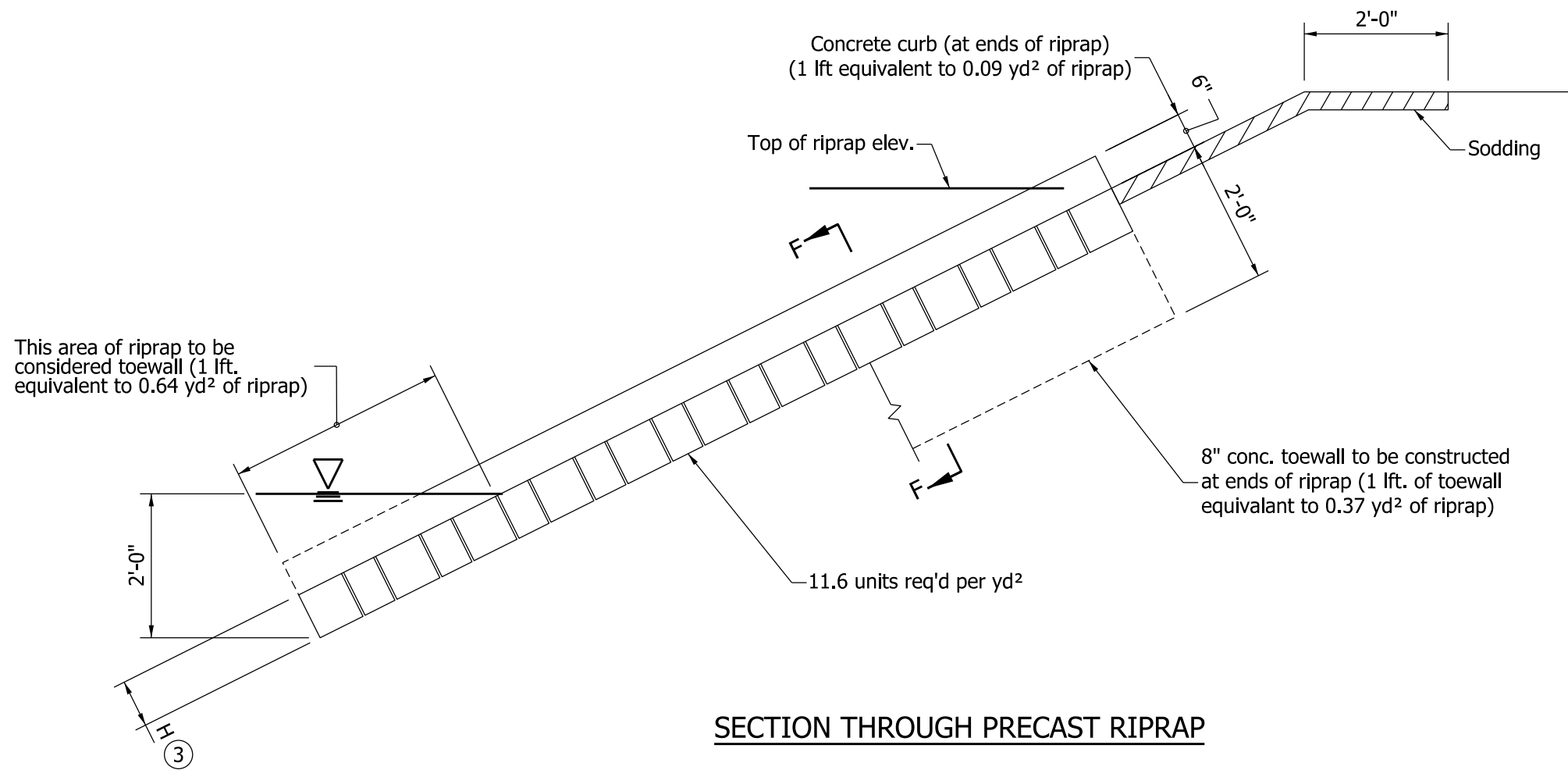


SECTION E-E
Where riprap terminates
2'-0" outside of coping line



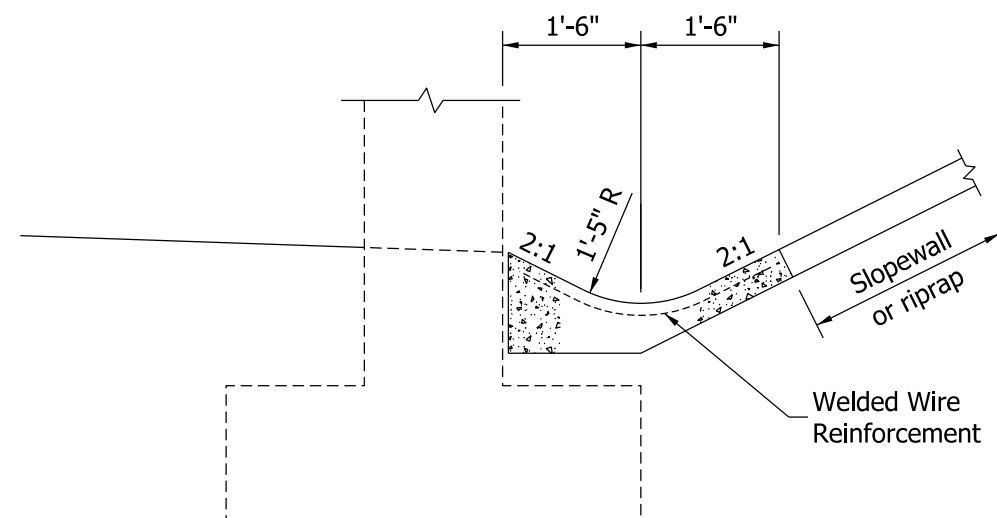
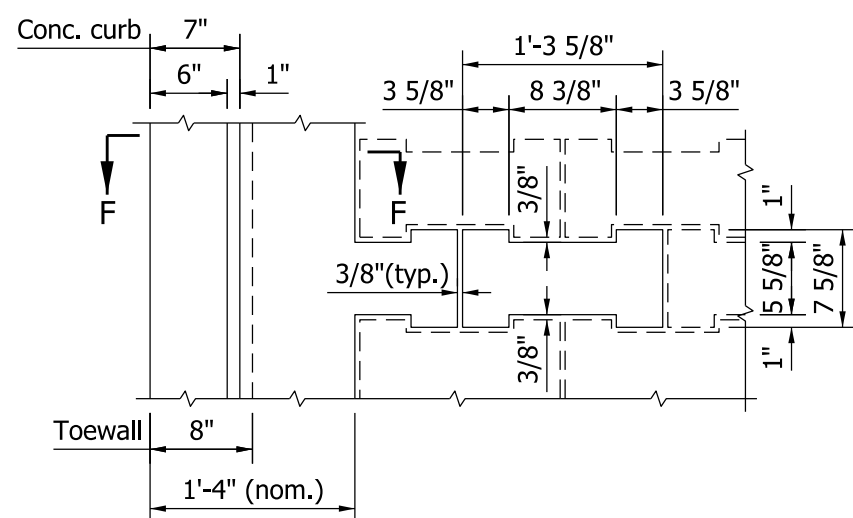
SECTION E-E
Where riprap terminates more
than 2'-0" outside of coping line

INDIANA DEPARTMENT OF TRANSPORTATION	
RIPRAP SLOPEWALL DETAILS	
SEPTEMBER 2011	
STANDARD DRAWING NO.	E 616-SWRR-01
	/s/ <i>Richard L. VanCleave</i> 09/01/11
	DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ <i>Mark A. Miller</i> 09/01/11
	CHIEF HIGHWAY ENGINEER DATE



NOTES:

1. See Standard Drawing E 616-SWRR-01 for Section F-F.
2. If riprap is specified, 1'-0" hand-laid riprap or precast concrete riprap type A may be used.
- ③ Precast concrete riprap:
Type A: H = 7 5/8" (8" nom.)
Type B: H = 3 5/8" (4" nom.)



INDIANA DEPARTMENT OF TRANSPORTATION	
RIPRAP SLOPEWALL DETAILS	
SEPTEMBER 2011	
STANDARD DRAWING NO.	E 616-SWRR-02
	/s/ Richard L. VanCleave 09/01/11
	DESIGN STANDARDS ENGINEER DATE
DESIGN STANDARDS ENGINEER	/s/ Mark A. Miller 09/01/11
	CHIEF HIGHWAY ENGINEER DATE