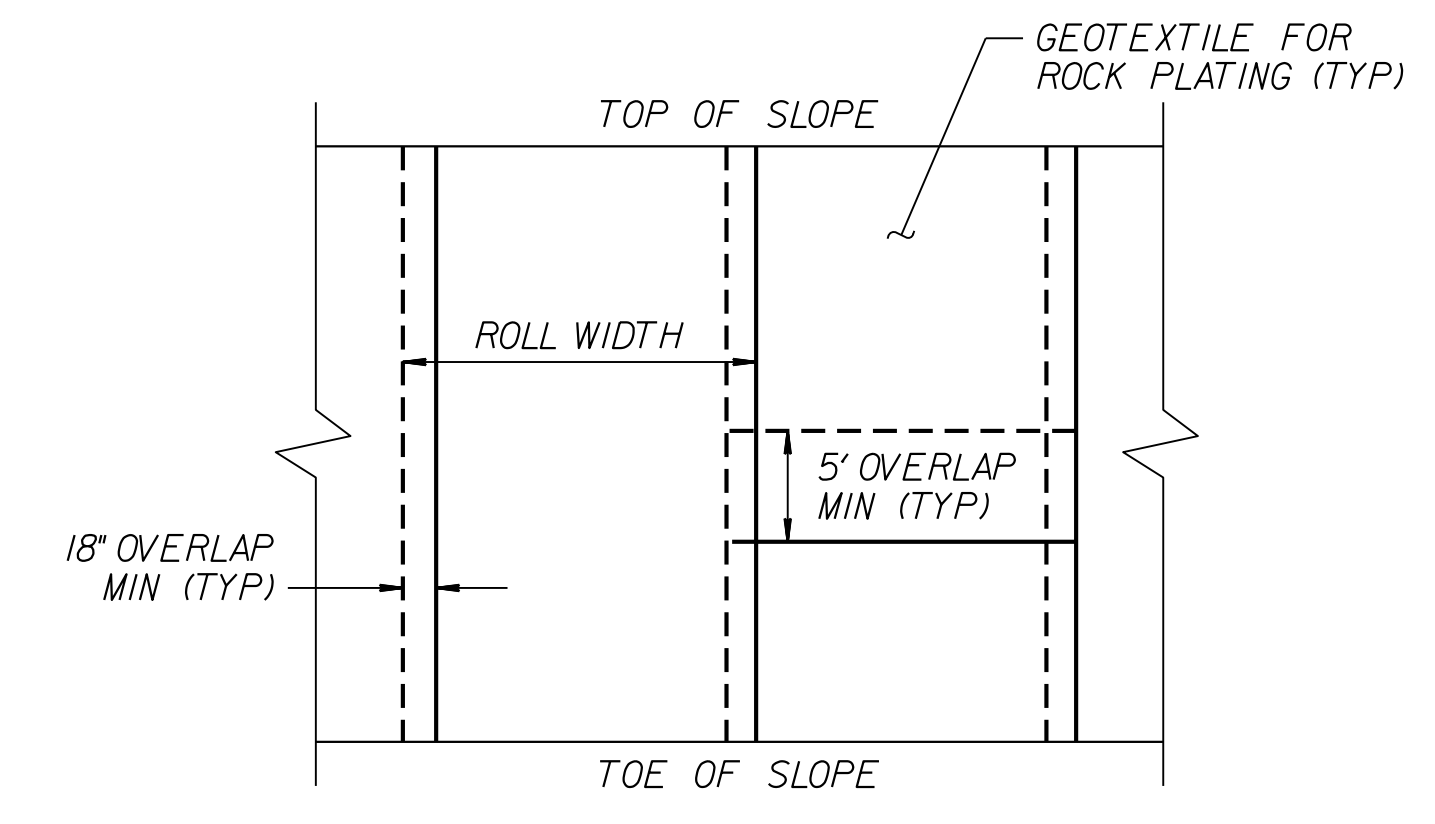


ROCK PLATING DETAIL NO. 1 – TYPICAL SECTION
(NOT TO SCALE)



GEOTEXTILE OVERLAP DETAIL
(PLAN VIEW)

ROCK PLATING

FOR ROCK PLATING, SEE SECTION 275 OF THE STANDARD SPECIFICATIONS.
USE ROCK PLATING AT FOLLOWING LOCATIONS:

LINES	BEGINNING SLOPE	APPROX. STATION	ENDING SLOPE	APPROX. STATION	LOCATION LT/RT	ROCK PLATING DETAIL NO.	RIPRAP CLASS* 1/2/B	SY
-L-	2.5:1	14+25	1.5:1	14+94.90	LEFT	1	*	85
-L-	2.5:1	14+25	1.5:1	14+94.90	RIGHT	1	*	50
-L-	1.5:1	16+33.90	2.5:1	18+75	LEFT	2	*	260
-L-	1.5:1	16+33.90	2.5:1	18+75	RIGHT	2	*	265

* USE CLASS I, 2 OR B RIPRAP FOR ROCK PLATING LOCATIONS.

ESTIMATED TOTAL QUANTITY OF ROCK PLATING = 660 SY

ROCK EMBANKMENTS

FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENTS SPECIAL PROVISION.
USE ROCK EMBANKMENTS AT FOLLOWING LOCATIONS:

-LINE-	APPROX. BEGINNING STATION	APPROX. ENDING STATION	LOCATION LT/RT
-L-	16+15 +/- -L- *	18+50 +/- -L-	LEFT
-L-	16+10 +/- -L- *	18+50 +/- -L-	RIGHT

* KEEP ROCK EMBANKMENTS 3' CLEAR OFF END BENT PILES. BACKFILL WITH *57 STONE, IF NECESSARY.

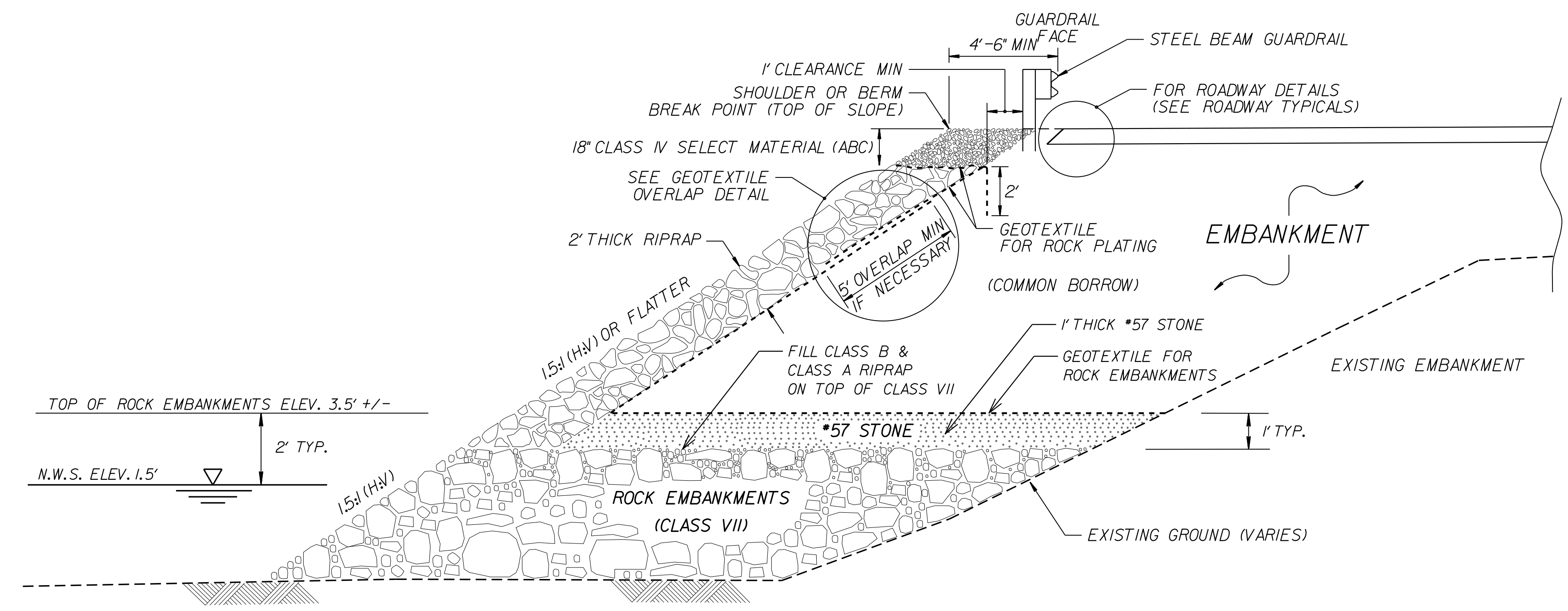
CONSTRUCT ROCK EMBANKMENTS TO THE ELEVATION SHOWN IN THE ROCK EMBANKMENTS / ROCK PLATING DETAIL NO. 2, OR 2 FT. ABOVE THE NORMAL WATER SURFACE AND ACCORDING TO THE ROCK EMBANKMENTS SPECIAL PROVISION.

FILL VOIDS IN THE TOP OF ROCK EMBANKMENTS WITH CLASS B AND CLASS A RIP RAP.

PLACE *57 STONE (SELECT MATERIAL, CLASS VII) UP TO 1 FT. ABOVE ROCK EMBANKMENTS AS SHOWN IN THE PLAN.

CONSTRUCT ROCK PLATING ABOVE ROCK EMBANKMENTS FROM ELEVATION SHOWN IN THE ROCK EMBANKMENTS / ROCK PLATING DETAIL NO. 2 OR 2 FT. ABOVE THE NORMAL WATER SURFACE TO THE SHOULDER HINGE POINT AND ACCORDING TO THE SECTION 275 OF THE STANDARD SPECIFICATIONS.

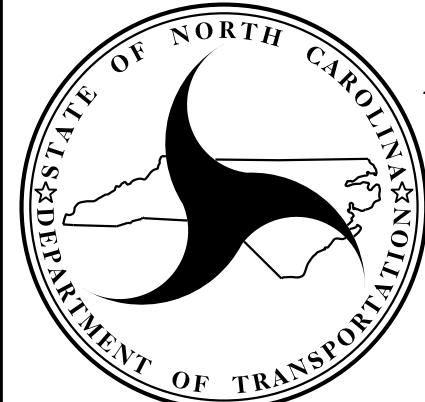
INSTALL GEOTEXTILE ON TOP OF NO. 57 STONE IN ACCORDANCE WITH THE ARTICLE 270-3 OF THE STANDARD SPECIFICATIONS.



ROCK EMBANKMENTS / ROCK PLATING DETAIL NO. 2 – TYPICAL SECTION
(NOT TO SCALE)

ESTIMATED MATERIAL QUANTITIES FOR ROCK EMBANKMENTS

ROCK EMBANKMENTS (SELECT MATERIAL, CLASS VII) = 1,250 TONS
 RIP RAP CLASS A = 110 TONS
 RIP RAP CLASS B = 110 TONS
 *57 STONE (SELECT MATERIAL, CLASS VII) = 165 TONS
 GEOTEXTILE FOR ROCK EMBANKMENTS = 270 SY


NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
GEOTECHNICAL ENGINEERING UNIT

ROCK EMBANKMENTS / ROCK PLATING DETAILS & NOTES

REVISIONS					
NO.	BY	DATE	NO.	BY	DATE
1	T.T. ZAN	5-5-17	3		
2	T.T. ZAN	6-14-17	4		