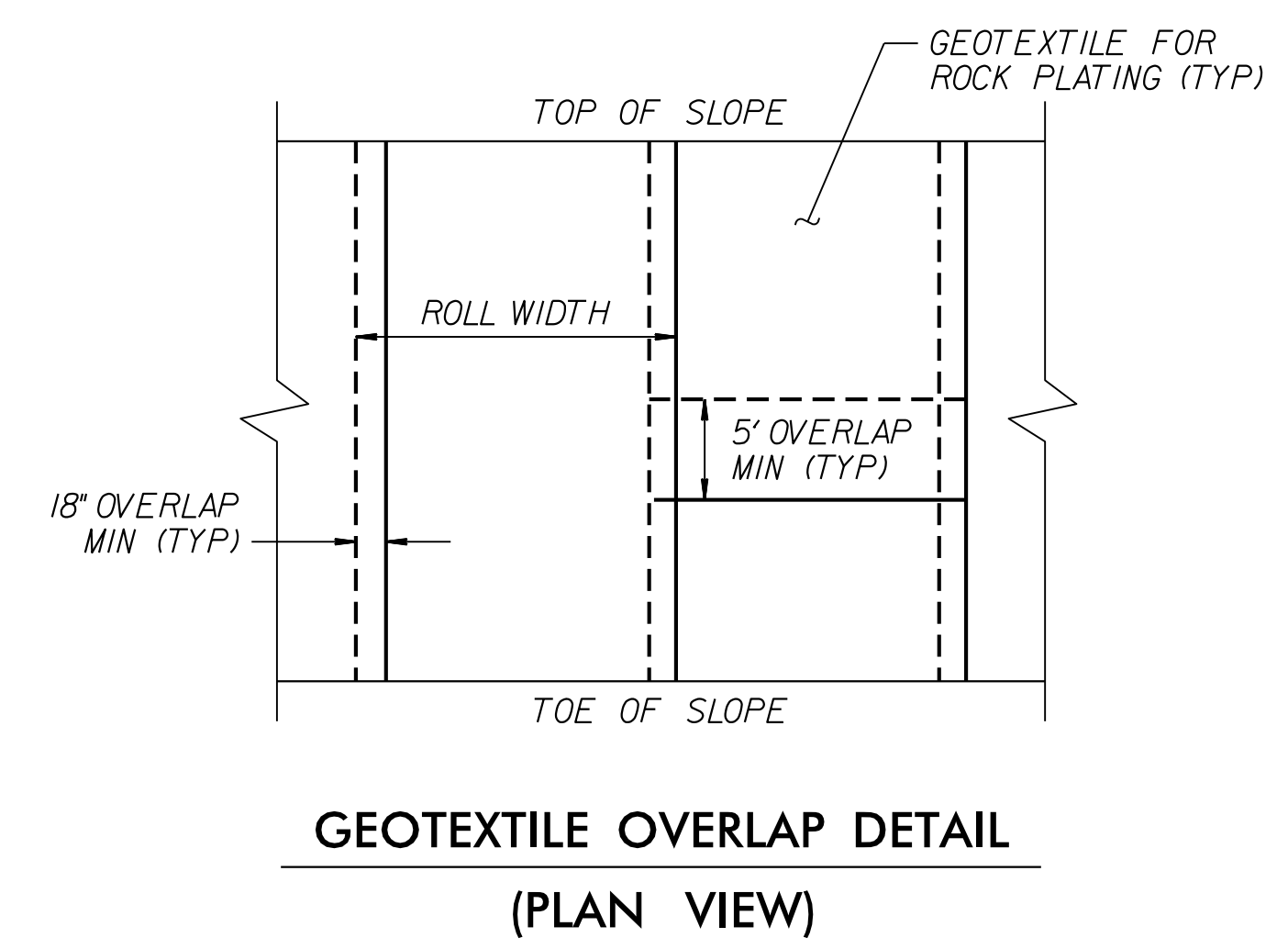


**ROCK PLATING DETAIL NO. 2 - TYPICAL SECTION**



**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-	1.75:1	11+75.00	1.5:1	12+56.25	LEFT	1	*	100
-L-	1.75:1	11+75.00	1.5:1	12+56.25	RIGHT	1	*	100
-L-	1.5:1	14+68.75	1.5:1	16+00.00	LEFT	1	*	345
-L-	1.5:1	16+00.00	1.75:1	16+25.00	LEFT	2	*	75
-L-	1.5:1	14+68.75	1.5:1	16+00.00	RIGHT	1	*	335
-L-	1.5:1	16+00.00	1.75:1	16+25.00	RIGHT	2	*	60

\* USE CLASS 1, 2 OR B RIPRAP FOR ROCK PLATING LOCATIONS.

ESTIMATED TOTAL QUANTITY OF ROCK PLATING = 1,015 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-	11+75.00 -L-	12+56.25 -L-	LEFT & RIGHT
-L-	14+68.75 -L-	16+25.00 -L-	LEFT & RIGHT

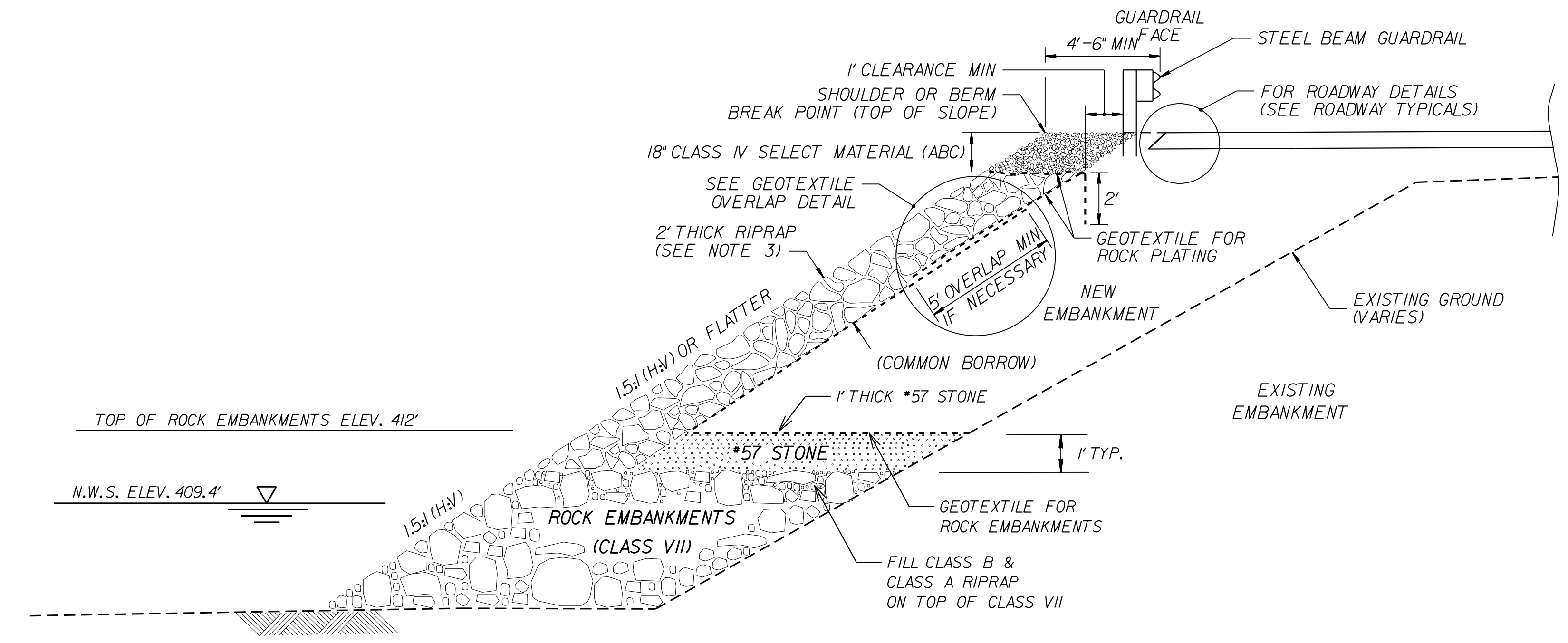
CONSTRUCT ROCK EMBANKMENTS TO THE ELEVATION SHOWN IN THE ROCK EMBANKMENTS / ROCK PLATING DETAIL NO.1 AND ACCORDING TO THE ROCK EMBANKMENTS SPECIAL PROVISION.

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

PLACE #57 STONE (SELECT MATERIAL, CLASS VI) 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.1 TO THE SHOULDER HINGE POINT AND ACCORDING TO THE SECTION 275 OF THE STANDARD SPECIFICATIONS.

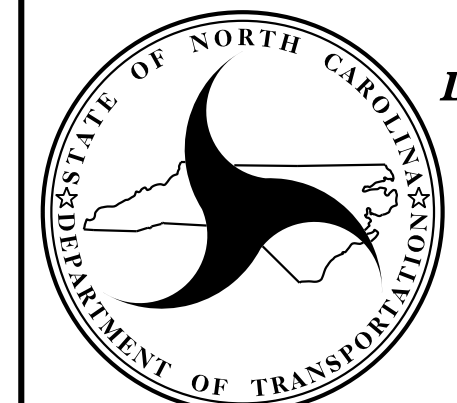
INSTALL GEOTEXTILE ON TOP OF NO. 57 STONE IN ACCORDANCE WITH THE ARTICLE 270-3 OF THE STANDARD SPECIFICATIONS.



**ROCK EMBANKMENTS / ROCK PLATING DETAIL NO. 1 - TYPICAL SECTION**

**ESTIMATED MATERIAL QUANTITIES FOR ROCK EMBANKMENTS**

ROCK EMBANKMENTS (SELECT MATERIAL, CLASS VII) = 660 TONS  
 RIP RAP CLASS A = 35 TONS  
 RIP RAP CLASS B = 35 TONS  
 #57 STONE (SELECT MATERIAL, CLASS VI) = 65 TONS  
 GEOTEXTILE FOR ROCK EMBANKMENTS = 105 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	-	-	3	-	-
2	-	-	4	-	-