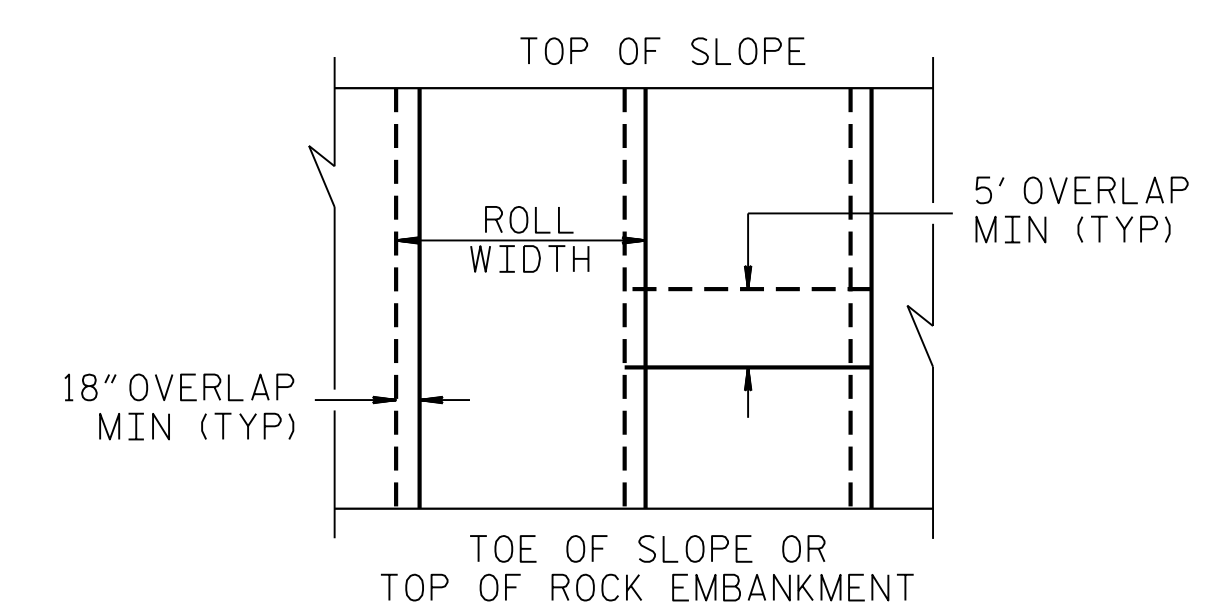


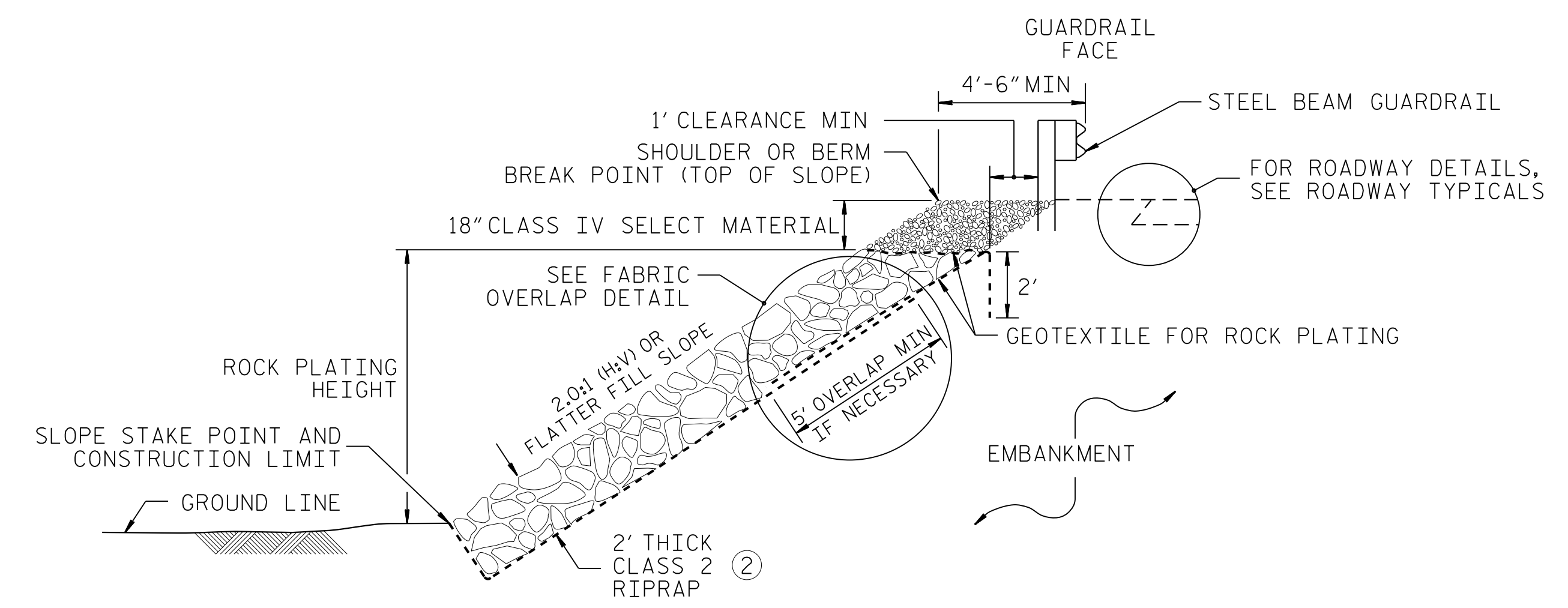
**ROCK EMBANKMENT/ROCK PLATING TYPICAL SECTION**  
NOT TO SCALE



**GEOTEXTILE OVERLAP DETAIL**  
(PLAN VIEW)

ROCK EMBANKMENT			
LINE	BEGIN	END	LT/RT
-L-	56+30±	56+75±	LT
-L-	104+10±	104+65±	LT
-L-	126+70±	127+25±	LT
-L-	163+08±	167+25±	LT

ESTIMATED ROCK EMBANKMENT QUANTITIES	
RIP RAP, CLASS 2	450 TONS
RIP RAP, CLASS A	220 TONS
#57 STONE (SELECT MATERIAL, CLASS VI)	240 TONS
GEOTEXTILE FOR ROCK EMBANKMENTS	600 SY



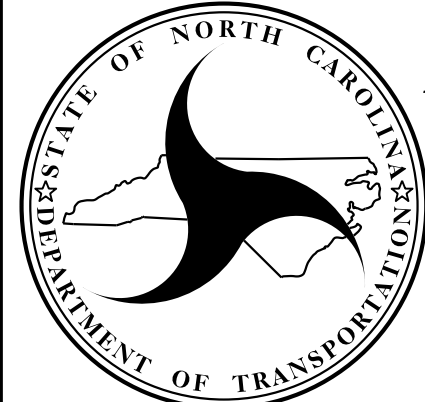
**ROCK PLATING DETAIL NO.1 TYPICAL SECTION**  
NOT TO SCALE

ROCK PLATING LOCATIONS AND ESTIMATED QUANTITIES ②								
LINE	BEGINNING SLOPE	APPROX. STATION	ENDING SLOPE	APPROX. STATION	LT/RT	ROCK PLATING DETAIL NO.	RIP RAP CLASS*	QUANTITY (SY)
-L-	2.5:1	56+30±	2.5:1	56+75±	LT	1	2	45
-L-	2.5:1	92+85±	2.5:1	96+25±	LT	1	2	340
-L-	2.5:1	104+10±	2.5:1	104+65±	LT	1	2	60
-L-	2.5:1	126+70±	2.5:1	127+55±	LT	1	2	85
-L-	2.5:1	163+08±	2.5:1	173+60±	LT	1	2	750

\* USE RIP RAP CLASS 2 ONLY TOTAL = 1,280

**NOTES**

- FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENTS (SPECIAL) PROVISIONS.
- FOR ROCK PLATING, SEE SECTION 275 OF THE STANDARD SPECIFICATIONS.
- USE CLASS 2 RIP RAP FOR ROCK EMBANKMENTS.
- USE CLASS 2 RIP RAP FOR ROCK PLATING. ②
- INSTALL ROCK EMBANKMENTS USING CLASS 2 RIP RAP AS SHOWN IN THE PLAN OR 1.0 FT ABOVE THE MEAN SEA LEVEL.
- FILL VOIDS IN THE TOP OF ROCK EMBANKMENTS WITH RIP RAP, CLASS A.
- PLACE #57 STONE (SELECT MATERIAL, CLASS VI) 1 FT. (TYP.) ABOVE RIP RAP, CLASS 2 AS SHOWN IN THE PLAN.
- INSTALL GEOTEXTILE FOR ROCK EMBANKMENT ON TOP OF #57 STONE.
- CONSTRUCT ROCK PLATING ABOVE ROCK EMBANKMENTS FROM ELEVATION SHOWN IN THE PLAN OR 1 FT. ABOVE THE MEAN SEA LEVEL TO THE SHOULDER HINGE POINT.
- EXTEND ROCK PLATING TO 2.5:1 (H:V) SLOPE.



**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	J. PARK	9/2018	3	-	-
2	J. PARK	3/2021	4	-	-