PROJECT REFERENCE NO.	SHEET NO.
B-5717	2G-1

GEOTECHNICAL ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 052709 ENGINEER MATTHEW MARK LATTIN

DocuSigned by: DE4F7D8C4F15420...

04/04/2022

SIGNATURE DATE

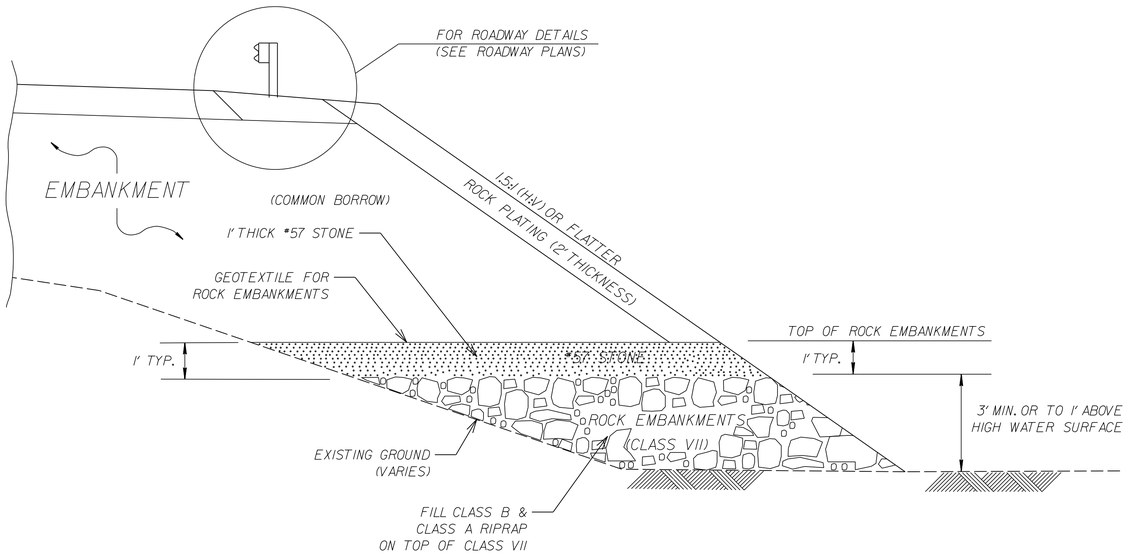
ENGINEER

SIGNATURE DATE

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

ROCK EMBANKMENTS TYPICAL SECTION

(SEE TABLE FOR LOCATIONS)
(NOT TO SCALE)



ROCK PLATING

FOR ROCK PLATING, SEE STANDARD ROCK PLATING DETAIL SHEET 2750D01.

ROCK EMBANKMENTS

FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENTS SPECIAL PROVISION.

USE ROCK EMBANKMENTS AT FOLLOWING LOCATIONS:

-ALIGNMENT-	STA.(±) to STA.(±)	OFFSET (±)
-L-	13+25 to 17+75	75' LT to 85' LT
-L-	17+75 to 20+45	70' RT to 75' RT
-L-	19+25 to 20+60	70' LT to 85' LT

CONSTRUCT ROCK EMBANKMENTS AS SHOWN IN THE ROCK EMBANKMENTS TYPICAL SECTION 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 AS SHOWN IN THE ROCK EMBANKMENTS TYPICAL SECTION.

INSTALL GEOTEXTILE ON TOP OF #57 STONE IN ACCORDANCE WITH THE ARTICLE 270-3 OF THE STANDARD SPECIFICATIONS.

ESTIMATED MATERIAL QUANTITIES FOR ROCK EMBANKMENTS

ROCK EMBANKMENTS (SELECT MATERIAL, CLASS VII) = 430 TONS

RIP RAP CLASS A = 135 TONS

RIP RAP CLASS B = 135 TONS

#57 STONE (SELECT MATERIAL, CLASS VI) = 355 TONS

GEOTEXTILE FOR ROCK EMBANKMENTS = 710 SY

GEOTEXTILE FOR ROCK PLATING = 1,135 SY

RIP RAP FOR ROCK PLATING= 1,135 SY

PREPARED BY: C.R. PASTRANA	DATE: 3-2022
REVIEWED BY: M.M. LATTIN	DATE: 3-2022

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

ROCK EMBANKMENTS DETAILS

REVISIONS

NO.	BY	DATE	NO.	BY	DATE
1			3		
2			4		