
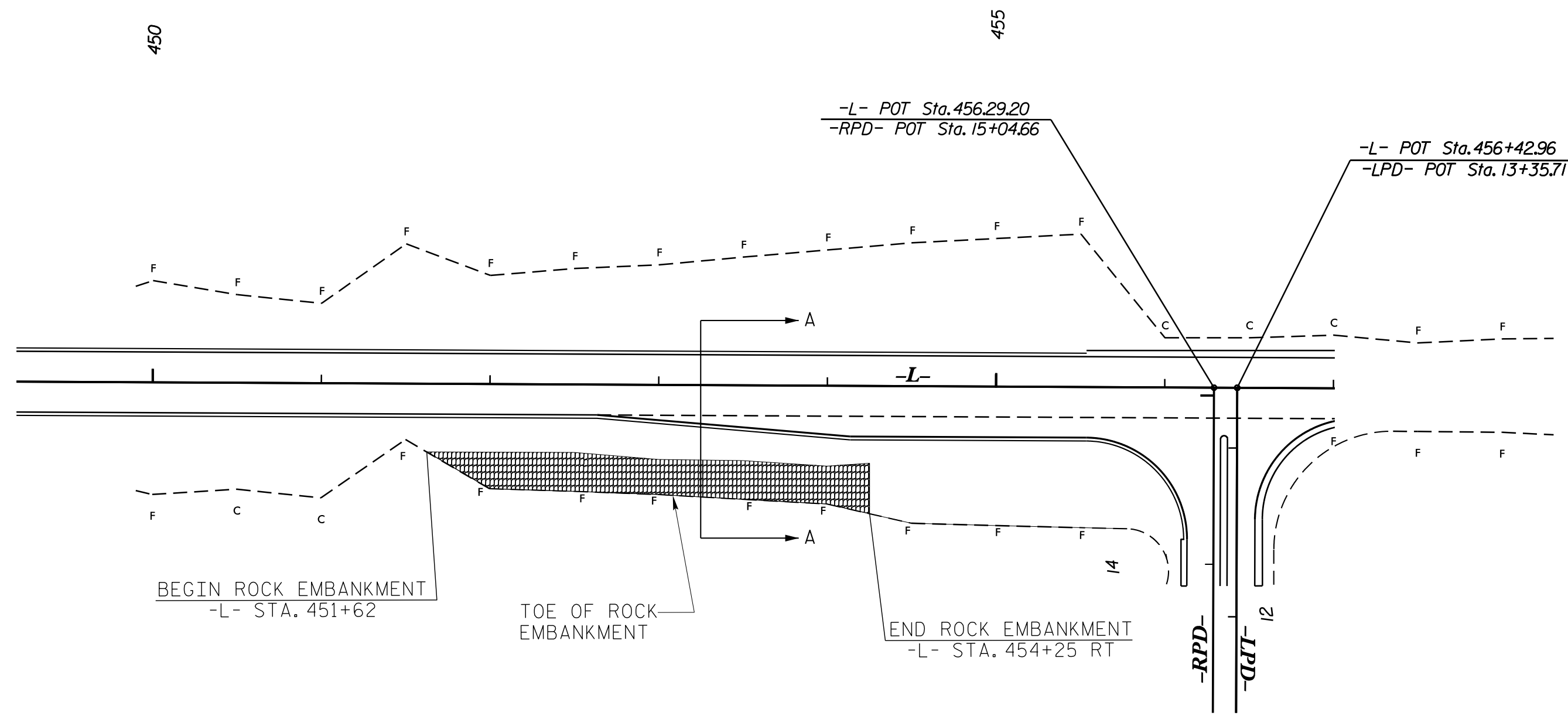
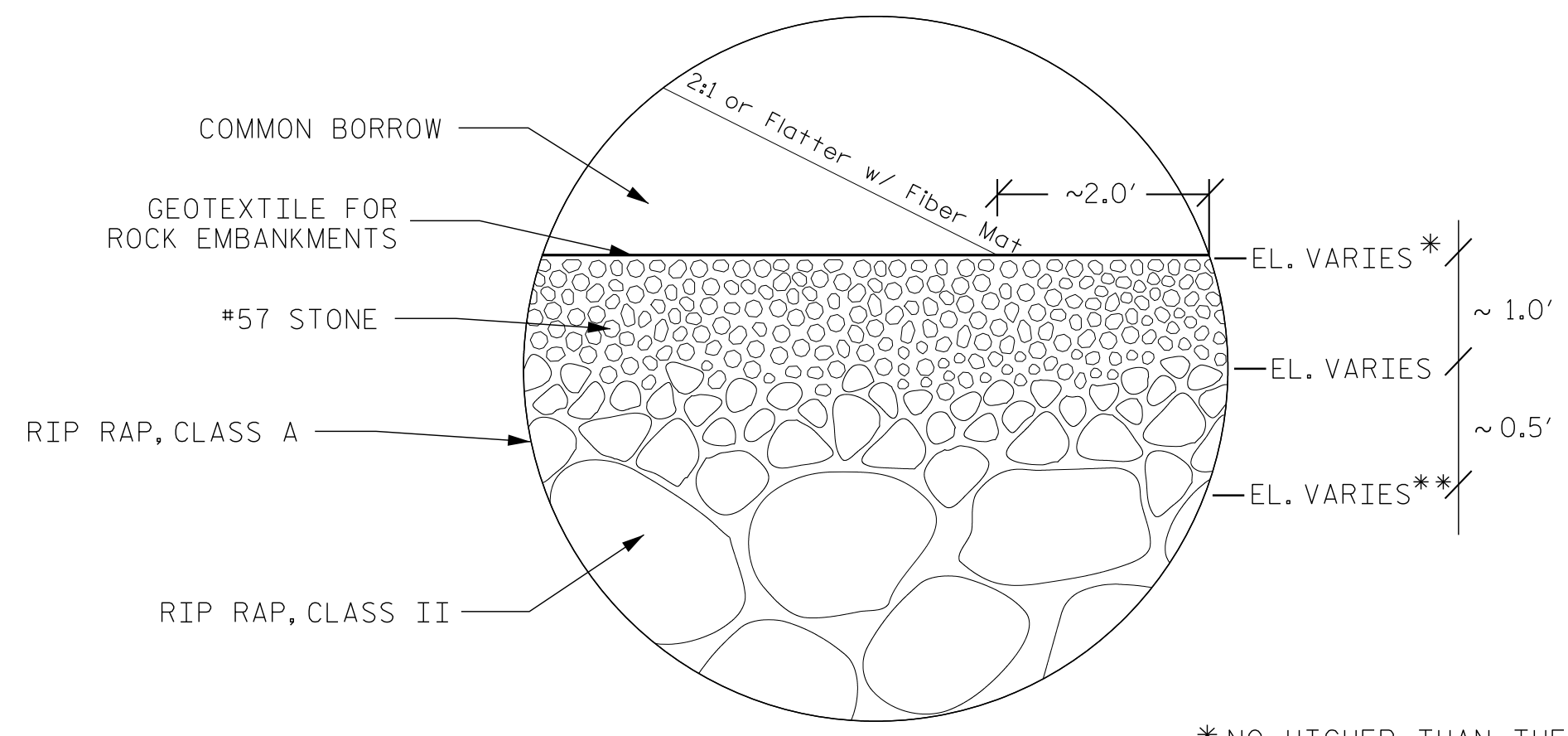


PROJECT REFERENCE NO. R-4705		SHEET NO. 2G-1	
GEOTECHNICAL ENGINEER  CHENG WANG ENGINEER		ENGINEER _____ SIGNATURE DATE	
CHENG WANG SIGNATURE		2/28/2022 DATE	



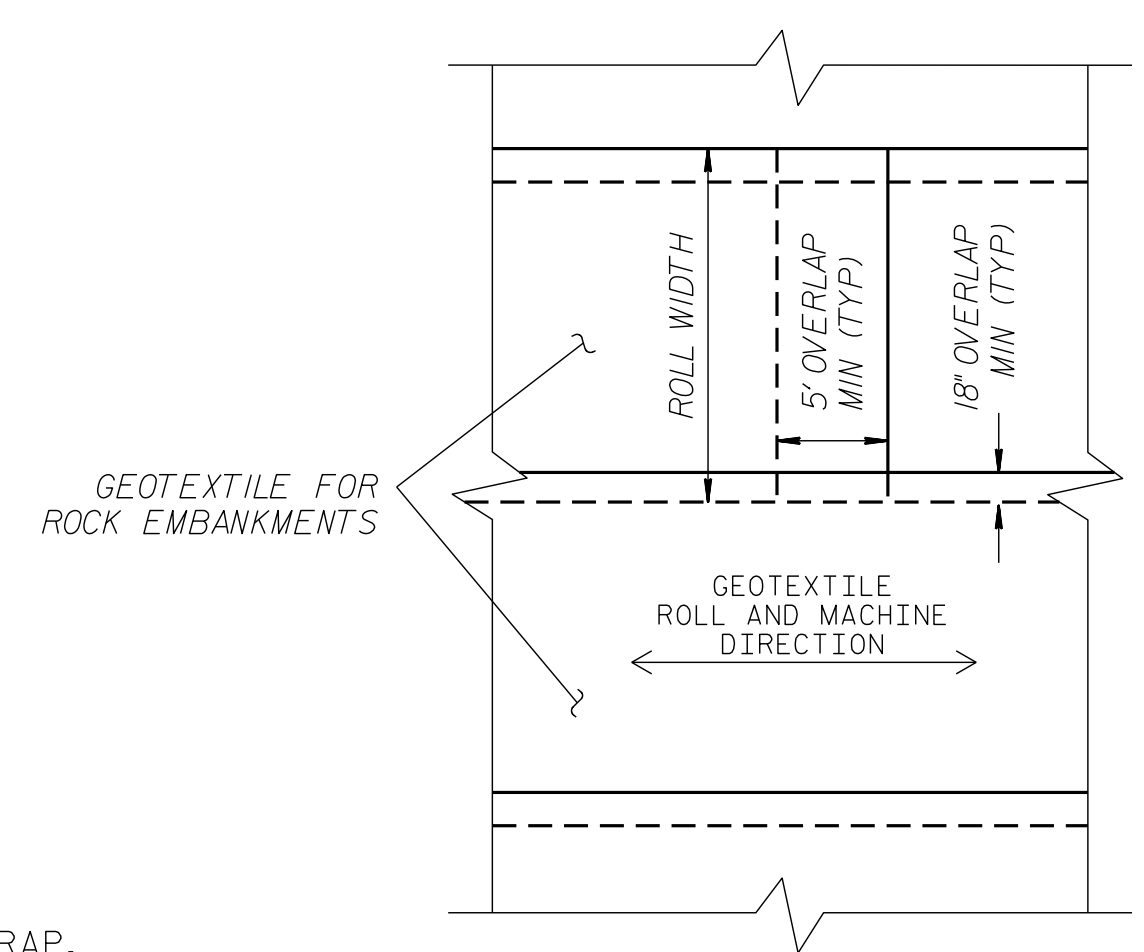
PLAN VIEW FOR LIMITS OF ROCK EMBANKMENTS
N.T.S.

ESTIMATED QUANTITIES		
RIP RAP, CLASS II	900	TONS
RIP RAP, CLASS A	100	TONS
#57 STONE	190	TONS
GEOTEXTILE FOR ROCK EMBANKMENTS	970	SY



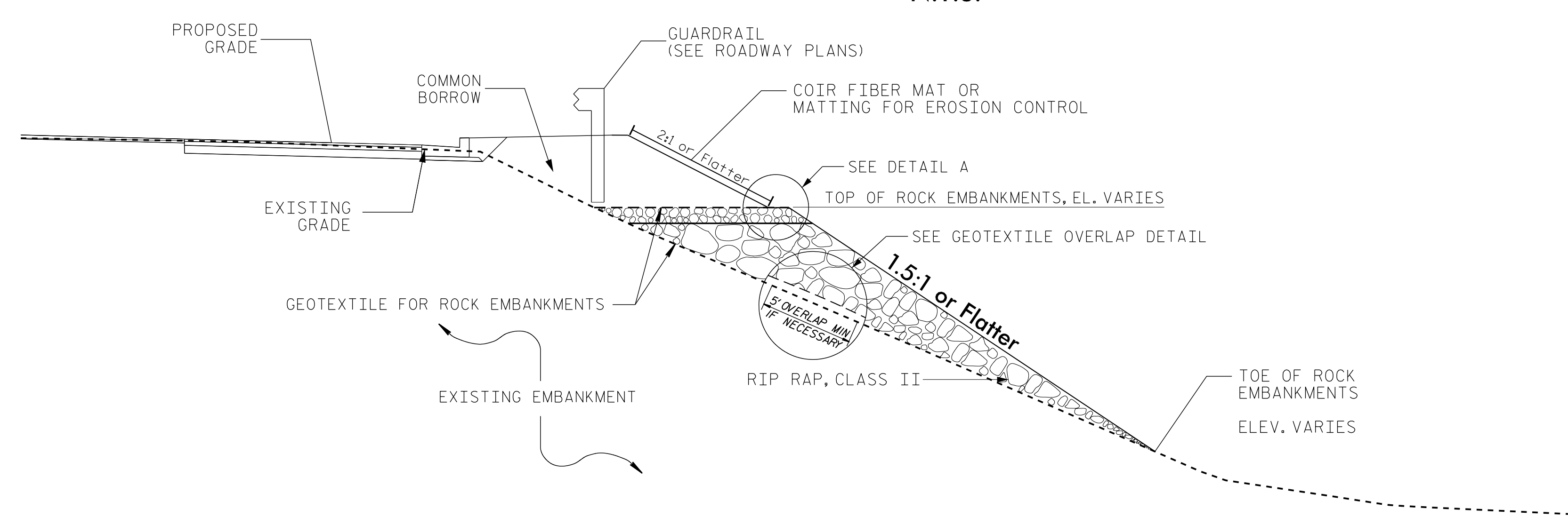
DETAIL A
N.T.S.

*NO HIGHER THAN THE BOTTOM OF THE GUARDRAIL POST.
**SEE TABLE FOR TOP OF RIP RAP, CLASS II ELEVATIONS



GEOTEXTILE FOR ROCK EMBANKMENTS OVERLAP DETAIL
(PLAN VIEW)

STATION	TOP OF RIP RAP, CLASS II ELEVATIONS
451+62 TO 452+25	±84'
452+25 TO 452+75	±85'
452+75 TO 453+25	±87'
453+25 TO 453+75	±88'
453+75 TO 454+25	±89'



ROCK EMBANKMENTS – TYPICAL SECTION A-A
N.T.S.

NOTES

FOR ROCK EMBANKMENTS, SEE ROCK EMBANKMENT SPECIAL PROVISION.
THE ESTIMATED QUANTITIES OF #57 STONE AND RIP RAP, CLASS A INCLUDE ADDITIONAL TONNAGES FOR FILLING GAPS BETWEEN MATERIALS UNDERNEATH.

PREPARED BY: T.T. WALKER DATE: 03/2019
REVIEWED BY: P. ALTON, P.E. DATE: 03/2019



NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

GEOTECHNICAL
ENGINEERING UNIT

ROCK EMBANKMENT DETAILS

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