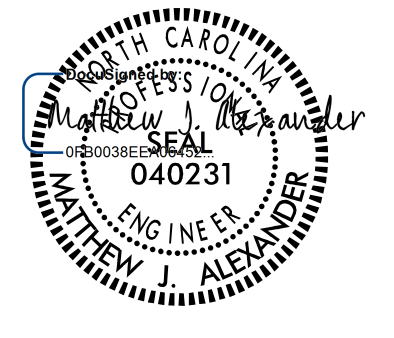
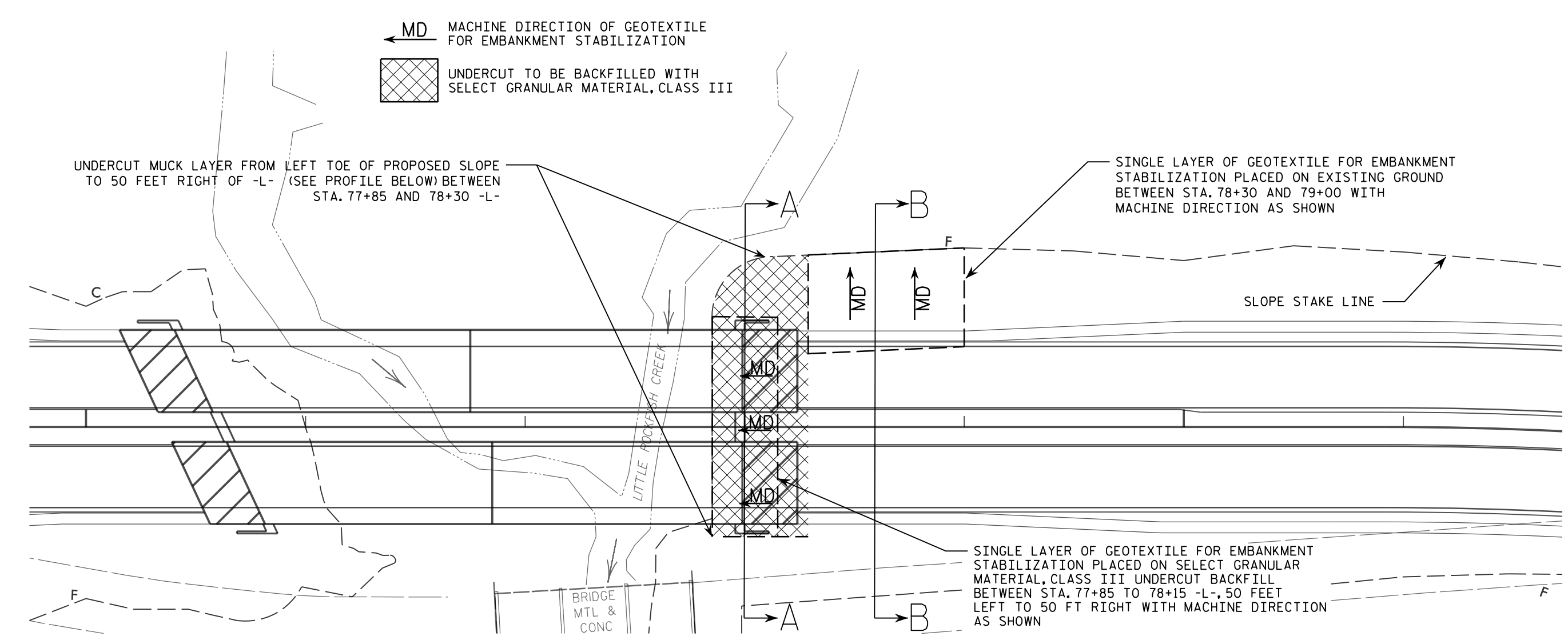
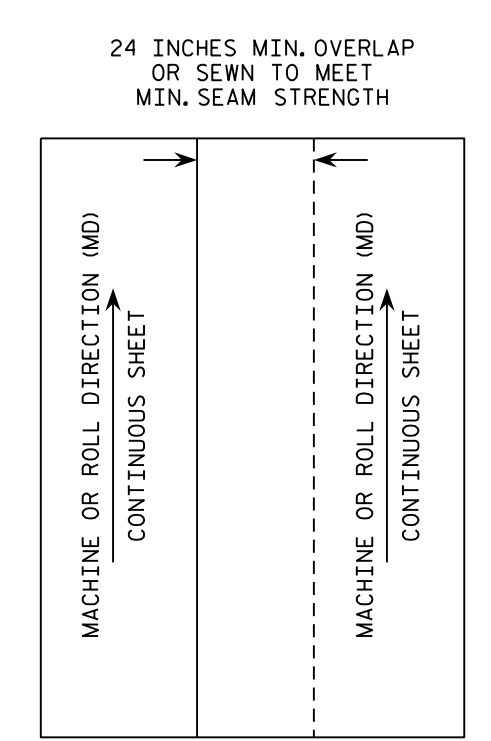


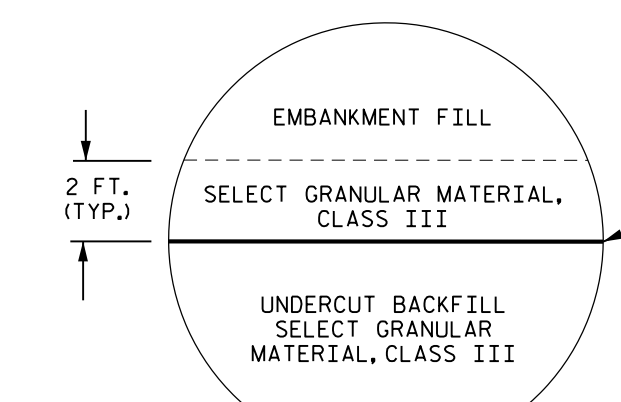
PROJECT REFERENCE NO. U-5798A	SHEET NO. 2G-1
GEOTECHNICAL ENGINEER  9/27/2021 SIGNATURE _____ DATE _____	ENGINEER SIGNATURE _____ DATE _____
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



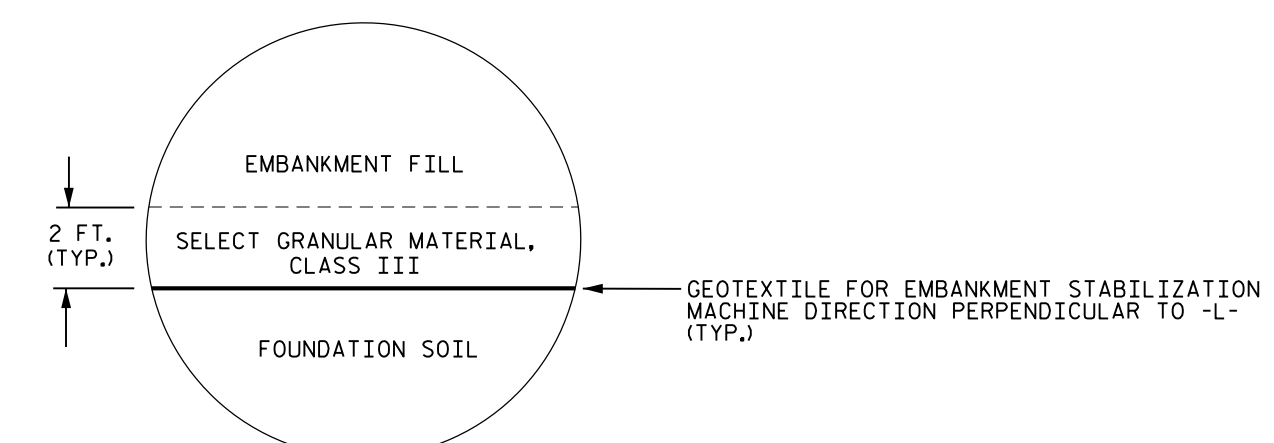
PLAN VIEW FOR LIMITS OF EMBANKMENT STABILIZATION
NOT TO SCALE



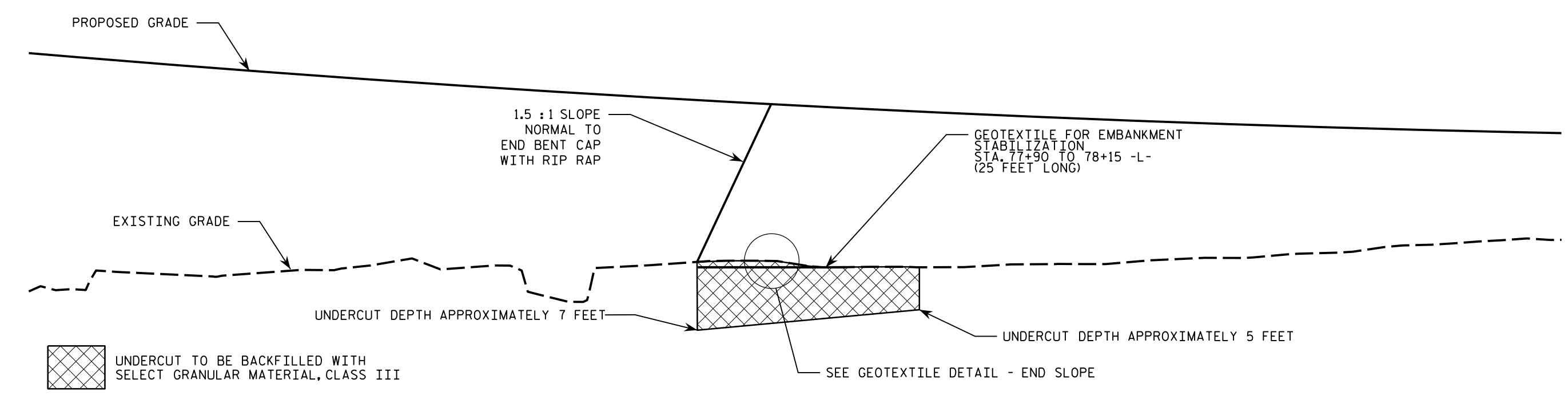
GEOTEXTILE OVERLAP DETAIL
NOT TO SCALE



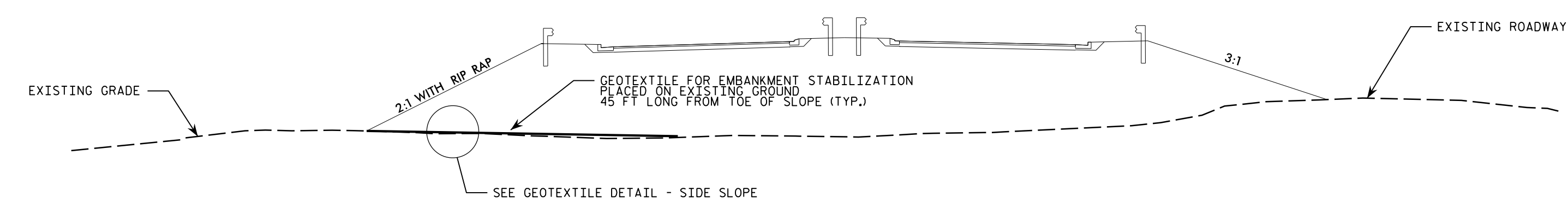
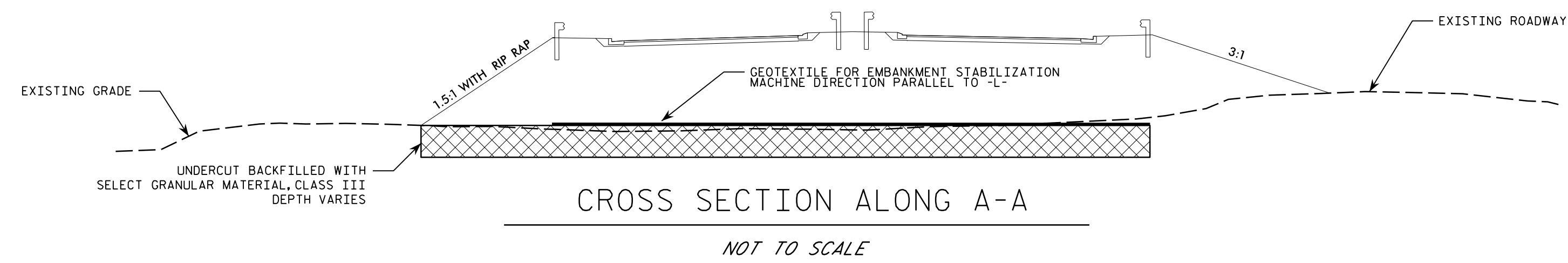
GEOTEXTILE DETAIL - END SLOPE
NOT TO SCALE



GEOTEXTILE DETAIL - SIDE SLOPE
NOT TO SCALE



PROFILE ALONG CENTER LINE
SEE GEOTEXTILE DETAIL - END SLOPE
NOT TO SCALE



ESTIMATED QUANTITIES	
UNDERCUT FOR EMBANKMENT STABILITY	1,310 CY
SELECT GRANULAR MATERIAL, CLASS III	1,740 CY
GEOTEXTILE FOR EMBANKMENT STABILIZATION*	710 SY
* GEOTEXTILE FOR EMBANKMENT STABILIZATION ESTIMATED QUANTITY DOES NOT INCLUDE OVERLAPS OR WASTE.	

NOTES

1. GEOTEXTILE FOR EMBANKMENT STABILIZATION SHALL BE PLACED ON EXISTING GROUND OR ON UNDERCUT BACKFILL AS SHOWN.
2. PLACE GEOTEXTILE FOR EMBANKMENT STABILIZATION WITH THE MACHINE DIRECTION AS SHOWN IN THE PLANS.
3. PLACE THE GEOTEXTILE FOR EMBANKMENT STABILIZATION WITHOUT ANY WRINKLES OR CREASES.
4. NO SEAMS OR JOINTS ARE ALLOWED PERPENDICULAR TO THE MACHINE DIRECTION OF THE GEOTEXTILE FOR EMBANKMENT STABILIZATION.
5. THE TERMS ROLL AND MACHINE DIRECTION ARE USED INTERCHANGEABLY.
6. ALL JOINTS IN THE CROSS MACHINE DIRECTION MUST BE OVERLAPPED A MINIMUM OF 24 INCHES OR SEWN.
7. FOR GEOTEXTILE FOR EMBANKMENT STABILIZATION, SEE GEOTEXTILE FOR EMBANKMENT STABILIZATION SPECIAL PROVISION.
8. PLACE A MINIMUM OF 2 FEET OF SELECT GRANULAR MATERIAL, CLASS III OVER GEOTEXTILE FOR EMBANKMENT STABILIZATION.

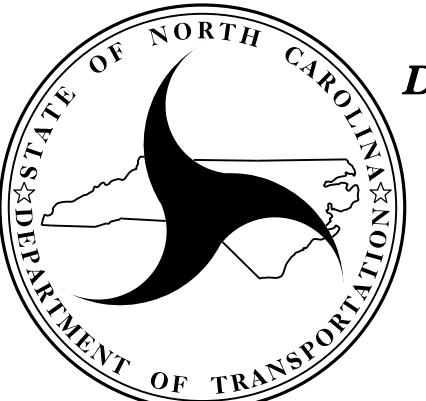
PREPARED BY: ALEXANDER, M. J. DATE: 9/22/21
REVIEWED BY: RIGGS, A. F. DATE: 9/22/21

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NC REGISTERED GEOLOGIC FIRM: C-367

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT



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