


PROJECT REFERENCE NO. A-0009CD	SHEET NO. 2G-3
GEOTECHNICAL ENGINEER  D. Matthew Brewer 1/15/2023 DATE	ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

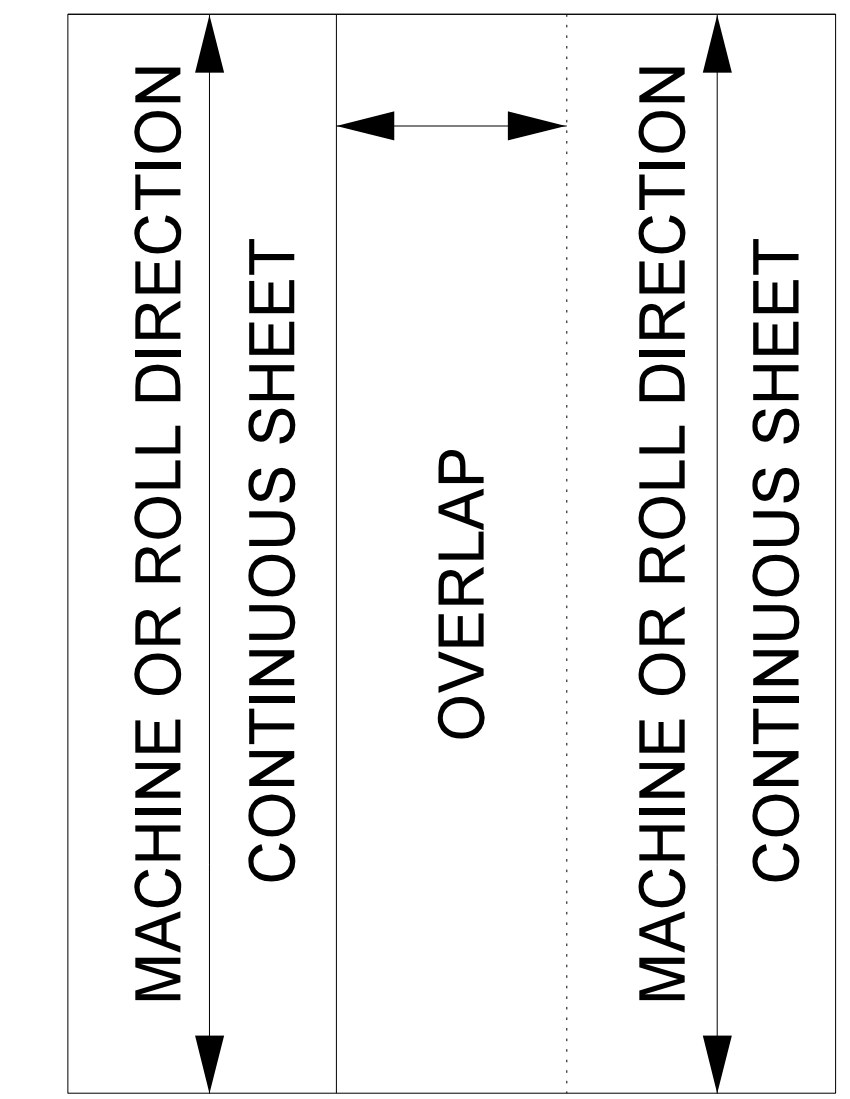
FOR USE IN THE FOLLOWING LOCATIONS,
OR AS DIRECTED BY THE ENGINEER

STATIONS:
-Y2- 90+75 TO 99+25, LT

NOTES:

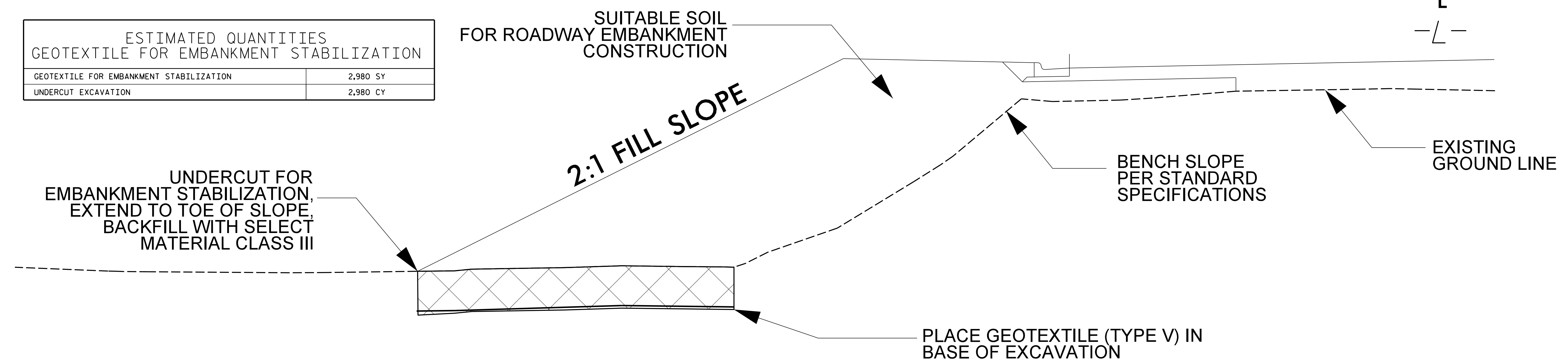
- PERFORM UNDERCUT EXCAVATION IN THE AREAS NOTED. UNDERCUT SHALL EXTEND FROM TOE OF EXISTING SLOPE TO TOE OF PROPOSED SLOPE. UNDERCUT SHALL EXTEND TO A DEPTH OF 3 FEET BELOW EXISTING GRADE.
- PLACE GEOTEXTILE TYPE V FOR EMBANKMENT STABILIZATION. FOR GEOTEXTILE FOR EMBANKMENT STABILIZATION, SEE SPECIAL PROVISION
- PLACE THE GEOTEXTILE FOR EMBANKMENT STABILIZATION WITHOUT ANY CREASES OR WRINKLES
- THE TERMS ROLL AND MACHINE DIRECTION ARE USED INTERCHANGEABLY
- GEOTEXTILE FOR EMBANKMENT STABILIZATION PLACEMENT SHALL BE CONTINUOUS IN THE MACHINE DIRECTION PERPENDICULAR TO -L- AS SHOWN IN THE PLANS AND OF SUFFICIENT LENGTH TO COVER THE AREA INDICATED. THE GEOTEXTILE SHALL BE PLACED IN THE BOTTOM OF THE UNDERCUT EXCAVATION
- NO SEAMS OR JOINTS ARE ALLOWED IN THE MACHINE/ROLL DIRECTION
- THE MINIMUM OVERLAP BETWEEN ADJACENT GEOTEXTILE OF THE SAME MACHINE/ROLL DIRECTION IS 18 INCHES UNLESS SEWING IS USED TO ACHIEVE THE REQUIRED SEAM STRENGTH
- BACKFILL UNDERCUT WITH SELECT MATERIAL, CLASS III

18 INCHES MIN OVERLAP
OR SEE MANUFACTURER
GUIDELINES IF SEWN.



GEOTEXTILE FOR EMBANKMENT STABILIZATION OVERLAP DETAIL
NOT TO SCALE

ESTIMATED QUANTITIES GEOTEXTILE FOR EMBANKMENT STABILIZATION	
GEOTEXTILE FOR EMBANKMENT STABILIZATION	2,980 SY
UNDERCUT EXCAVATION	2,980 CY



GEOTEXTILE FOR EMBANKMENT STABILIZATION WITH UNDERCUT TYPICAL DETAILS
NOT TO SCALE

PREPARED BY: D. MATTHEW BREWER, P.E.	DATE: 1/15/23
REVIEWED BY: ROBERT E. KRAL, P.E.	DATE: 1/15/23

Prepared in the Office of:



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GEOTECHNICAL CONSTRUCTION
DETAILS - GEOTEXTILE FOR
EMBANKMENT STABILIZATION

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