

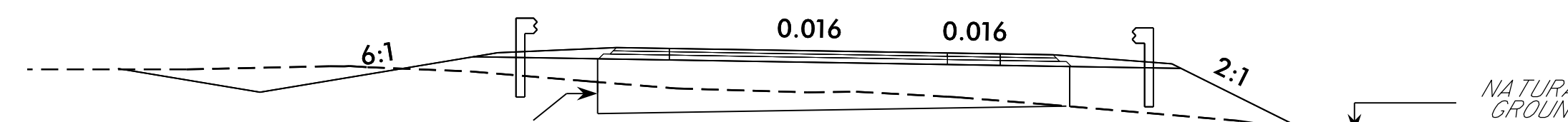
**DETAIL A**

18+50 TO 28+75 -RPA-

11+00 TO 15+75 -RPD-  
17+75 TO 24+50 -RPD-

**NOTES**

1. FOR ROADWAY EMBANKMENTS WHICH REQUIRE A MINIMUM OF 3 FEET OF STRUCTURAL FILL BELOW THE PAVEMENT SUBGRADE.
2. PLACE ALL GEOTEXTILE WITH THE MACHINE DIRECTION PERPENDICULAR TO THE SLOPE FACE.
3. THE CONTRACTOR TO SUBMIT DETAIL OF FABRIC LAYOUT IN TRANSITION ZONES FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION. IT WILL BE NECESSARY TO PROVIDE SIGNIFICANT FABRIC OVERLAP IN TRANSITION ZONES.
4. GEOTEXTILE FOR EMBANKMENT STABILIZATION SHALL BE PLACED FROM TOE OF PROPOSED SLOPE LEFT TO TOE OF PROPOSED SLOPE RIGHT.

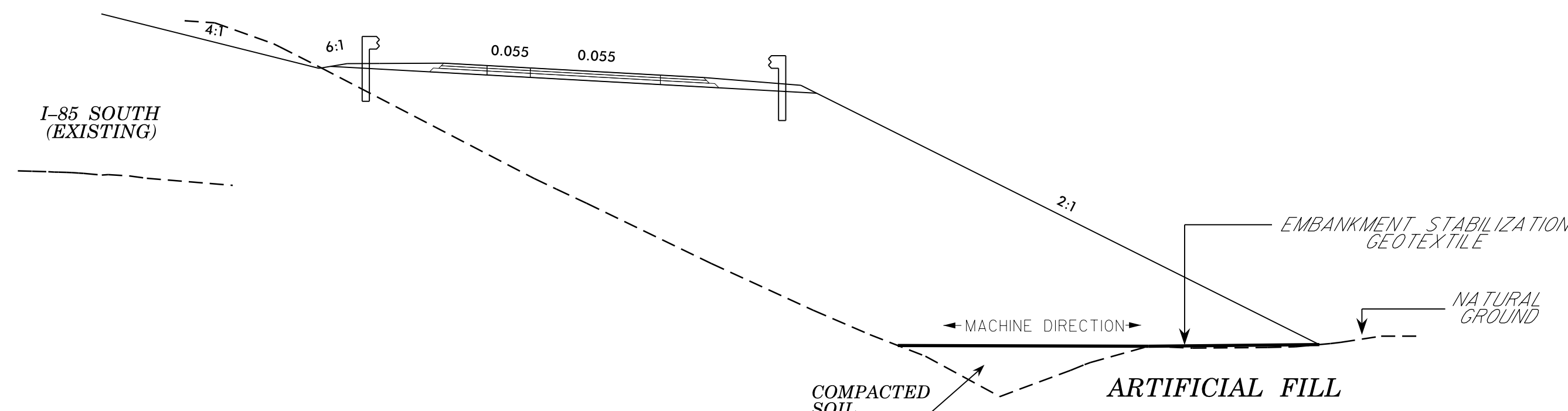


**DETAIL B**

15+75 TO 17+25, LEFT -RPD-

**NOTES**

1. FOR EMBANKMENT OR ROADWAY WITH LESS THAN 3 FEET OF STRUCTURAL FILL BELOW THE PROPOSED PAVEMENT SUBGRADE.
2. PLACE ALL GEOTEXTILE WITH THE MACHINE DIRECTION PERPENDICULAR TO THE SLOPE FACE.
3. THE CONTRACTOR TO SUBMIT DETAIL OF GEOTEXTILE LAYOUT IN TRANSITION ZONES FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION. IT WILL BE NECESSARY TO PROVIDE SIGNIFICANT GEOTEXTILE OVERLAP IN TRANSITION ZONES.
4. UNDERCUT TO A DEPTH OF 3' BELOW SUBGRADE, EDGE OF PAVEMENT TO EDGE OF PAVEMENT. PLACE GEOTEXTILE IN BOTTOM OF EXCAVATION AND BACKFILL WITH CLASS II OR III SELECT MATERIAL.
5. EXCAVATED MATERIALS CAN BE REUSED. DO NOT COMPUTE AS WASTE.

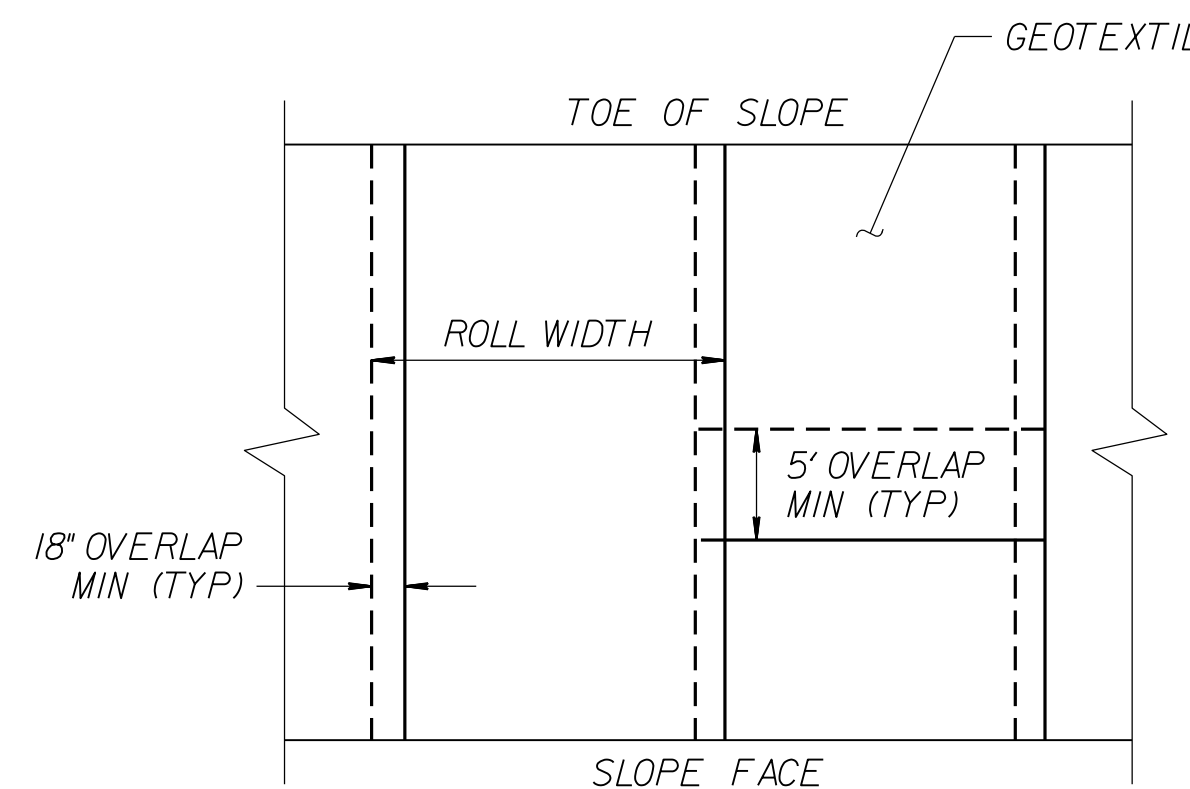


**DETAIL C**

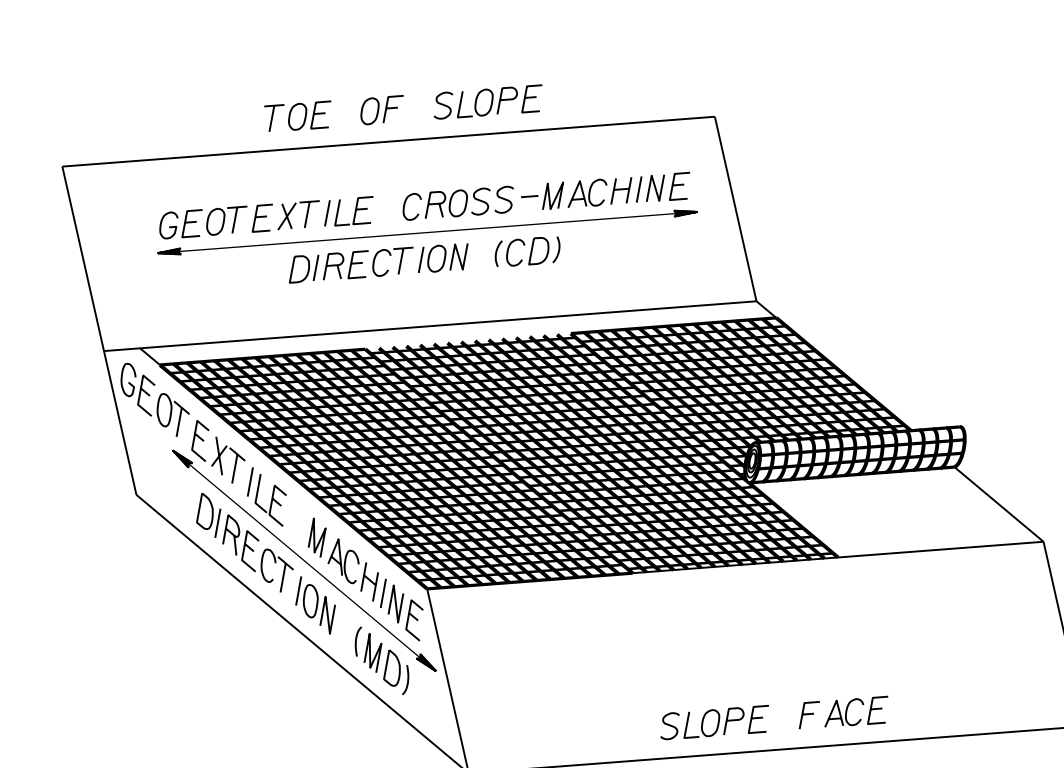
13+00 TO 16+50 -RPA-

**NOTES**

1. FOR EMBANKMENT STABILIZATION ON -RPA-.
2. PLACE ALL FABRIC WITH THE MACHINE DIRECTION PERPENDICULAR TO THE SLOPE FACE.
3. THE CONTRACTOR TO SUBMIT DETAIL OF FABRIC LAYOUT IN TRANSITION ZONES FOR APPROVAL BY THE ENGINEER PRIOR TO CONSTRUCTION.
4. PLACE GEOTEXTILE FROM TOE OF PROPOSED FILL SLOPE TO EXISTING SLOPE FACE.



**GEOTEXTILE OVERLAP DETAIL  
(PLAN VIEW)**



**GEOTEXTILE PLACEMENT DETAIL  
(PLAN VIEW)**

NOT TO SCALE

PREPARED BY: J.P. ROGERS	DATE: 3/14
REVIEWED BY: S. CLARK	DATE: 4/14

**GEOTECHNICAL ENGINEERING UNIT**

EASTERN REGIONAL OFFICE  
 WESTERN REGIONAL OFFICE  
 CONTRACT OFFICE

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

EMBANKMENT STABILIZATION  
DETAILS

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