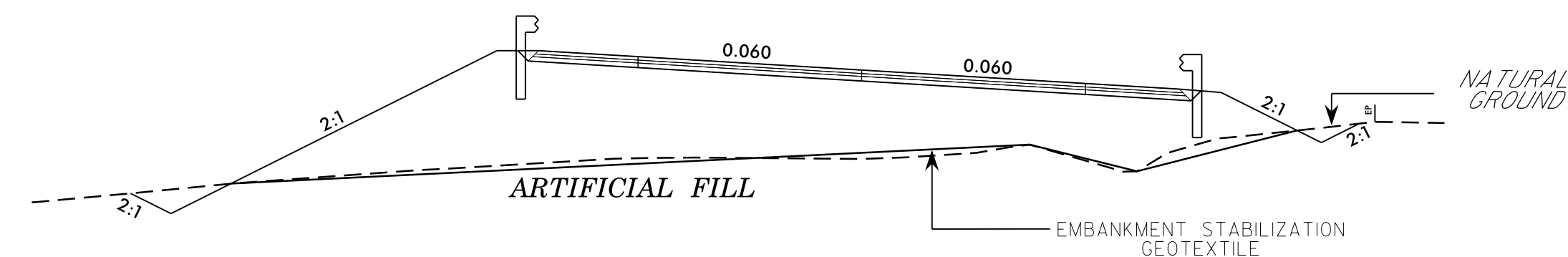


NOT TO SCALE

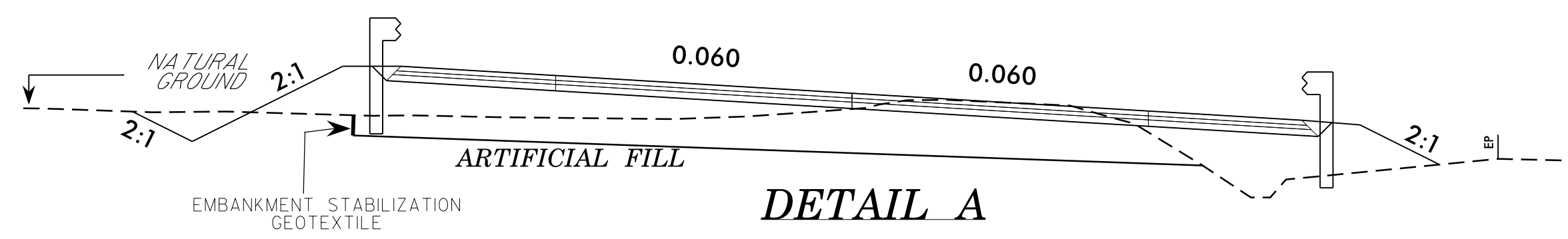


**DETAIL B**

19+00 TO 19+50 -L- AND 24+00 TO 25+80 -L-

**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.

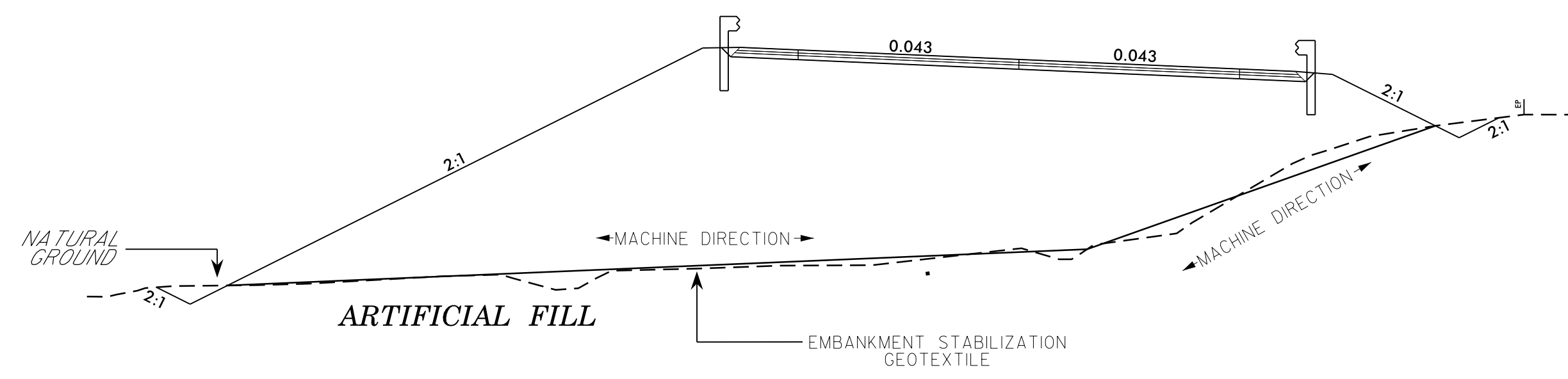


**DETAIL A**

18+00 TO 19+00 -L-

**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 III SELECT MATERIAL.
5. EXCAVATED MATERIALS CAN BE REUSED. DO NOT COMPUTE AS WASTE.

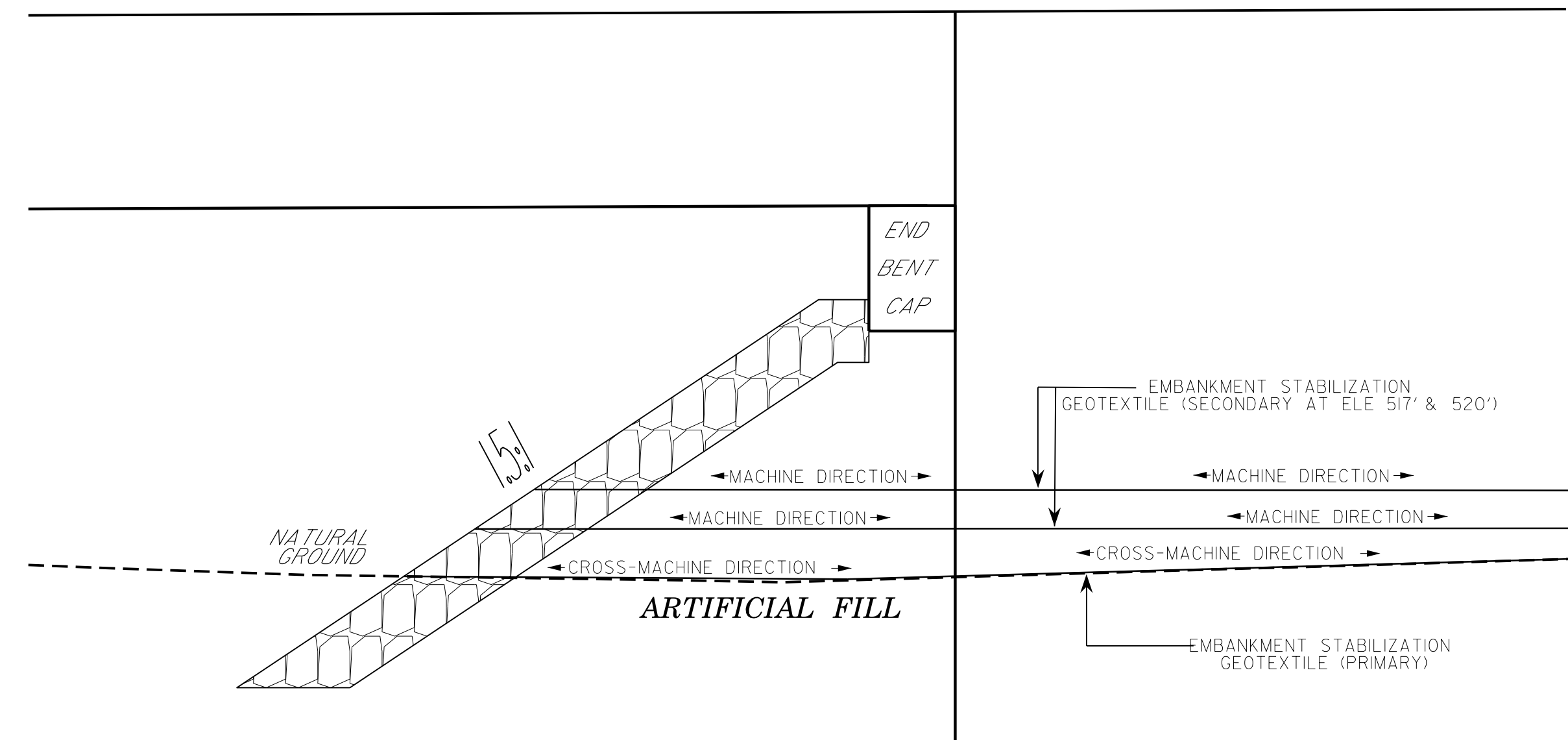


**DETAIL C**

19+50 TO 20+20 -L- AND 23+50 TO 24+00 -L-

**NOTES**

1. FOR EMBANKMENT STABILIZATION ON SLOPE.
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. IT WILL BE NECESSARY TO PROVIDE SIGNIFICANT FABRIC OVERLAP IN TRANSITION ZONES.
4. PLACE GEOTEXTILE FROM TOE OF PROPOSED FILL SLOPE TO EXISTING SLOPE FACE.

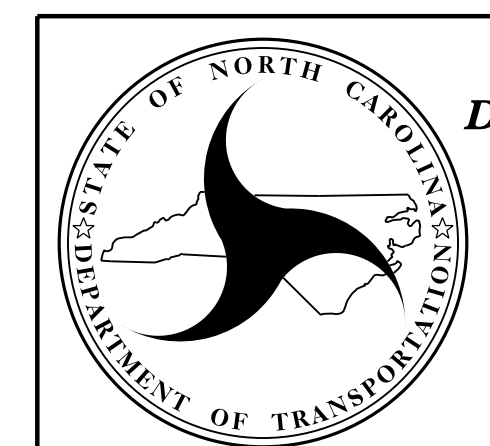


**DETAIL D**

20+20 TO 21+00 -L- AND 22+70 TO 23+50 -L-

**NOTES**

1. FOR EMBANKMENT STABILIZATION AT AND NEAR END BENTS.
2. PLACE PRIMARY FABRIC WITH THE MACHINE DIRECTION PERPENDICULAR TO THE SLOPE FACE; PLACE SECONDARY FABRIC WITH THE MACHINE DIRECTION PERPENDICULAR TO THE END BENT 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. PLACE PRIMARY GEOTEXTILE FROM TOE OF PROPOSED FILL SLOPE TO EXISTING SLOPE FACE.
5. PLACE SECONDARY GEOTEXTILE AT ELEVATIONS OF 517 FEET AND 520 FEET FROM EDGE OF PROPOSED FILL SLOPE TO EXISTING SLOPE FACE.



**NORTH CAROLINA**  
**DEPARTMENT OF TRANSPORTATION**  
**DIVISION OF HIGHWAYS**  
  
**GEOTECHNICAL**  
**ENGINEERING UNIT**

EMBANKMENT STABILIZATION  
 DETAILS

**REVISIONS**

NO.	BY	DATE	NO.	BY	DATE
1	SHIPING YANG	12/21	3		
2			4		

PREPARED BY: SHIPING YANG	DATE: 09/20
REVIEWED BY: S. CLARK	DATE: 09/20