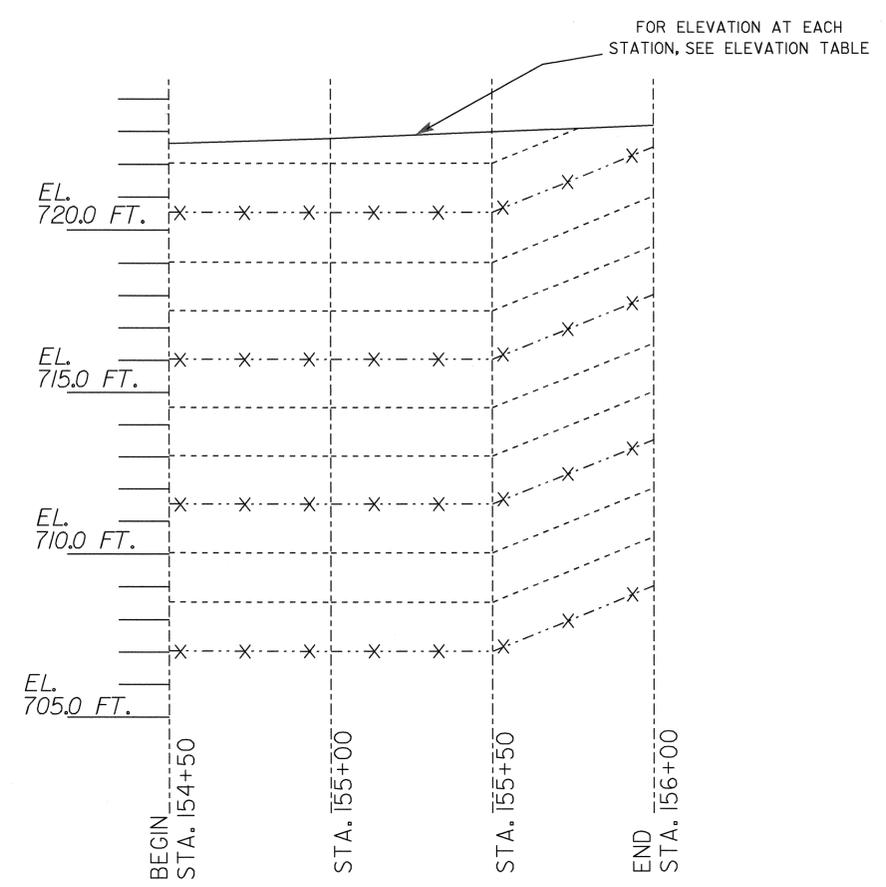


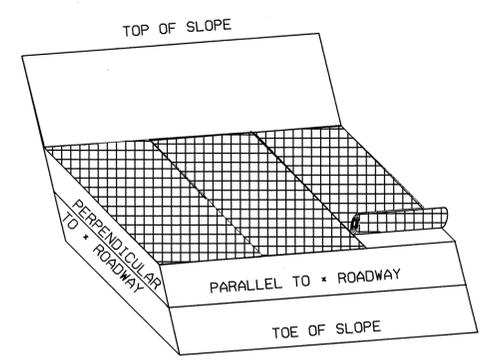
5/14/99

NOTES:

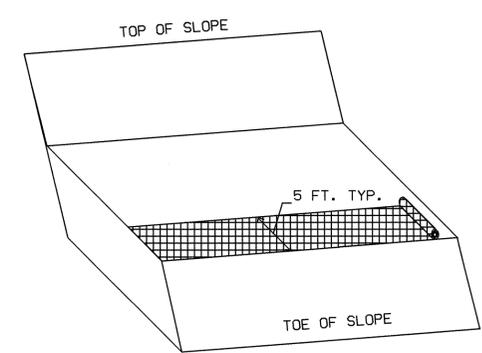
- GEOGRID REINFORCEMENT SHALL BE PLACED FROM STA. 154+50± TO 156+00±, WHERE SLOPE IS STEEPER THAN 1.5:1 (H:V).
- LAYERS OF REINFORCEMENT MAY NEED TO BE ADDED OR SUBTRACTED AT THE TOP OF SLOPE AS THE EMBANKMENT HEIGHT VARIES THROUGH THE STEEPENED SECTION.
- THE TOP LAYER OF PRIMARY REINFORCEMENT MAY BE LOWERED SLIGHTLY IF NECESSARY TO PREVENT INTERFERENCE WITH THE SUBGRADE.
- NO OVERLAPS WILL BE PERMITTED IN THE PRIMARY GEOGRID REINFORCEMENT IN THE DIRECTION PERPENDICULAR TO THE CENTERLINE OF THE ROADWAY (SEE DETAIL).
- OVERLAPS IN THE SECONDARY REINFORCEMENT SHALL BE A MINIMUM OF 12 INCHES.
- PERMANENT SOIL REINFORCEMENT MAT SLOPE PROTECTION SHALL BE PLACED ON THE SLOPE FROM STA. 152+50± TO 158+50±, WHERE SLOPE IS STEEPER THAN 2:1 (H:V). SEE THE EROSION CONTROL PLANS FOR SPECIAL PROVISIONS.
- THE FIRST LAYER OF GEOGRID SHALL BE PLACED ON LEVEL GROUND, NOT STEEPER THAN 5% GRADE.
- SEE THE SPECIAL PROVISION FOR GEOGRID REINFORCED SLOPE FOR DETAILED REQUIREMENTS OF MATERIALS AND CONSTRUCTION.
- UNCLASSIFIED EXCAVATION TO BE PAID FOR WILL BE THE ACTUAL NUMBER OF CUBIC YARDS OF EXCAVATED MATERIAL TO THE LIMITS OF THE REINFORCED SHOWN AND ACCORDING TO SECTION 225-3 OF THE STANDARD SPECIFICATIONS.



ELEVATION VIEW
(STATIONS ARE TAKEN FROM -L2-) N.T.S.



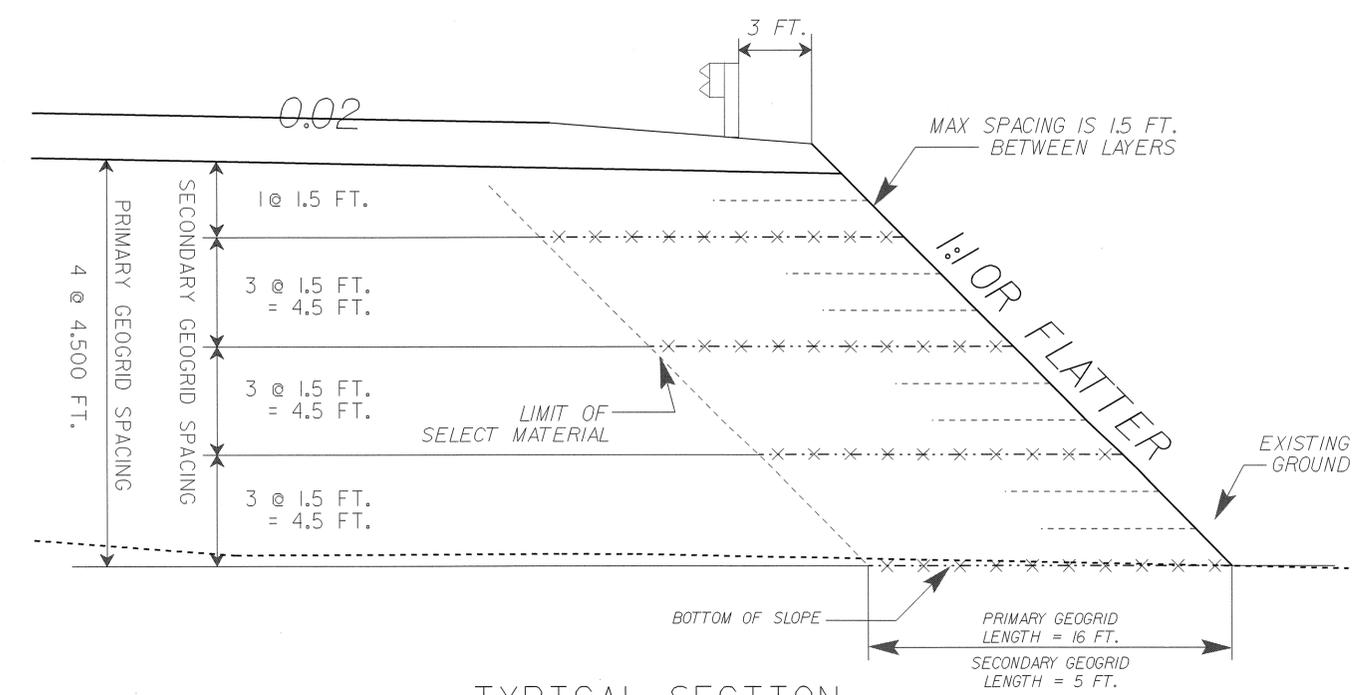
PRIMARY GEOGRID REINFORCEMENT DETAIL



SECONDARY GEOGRID REINFORCEMENT DETAIL
SEE NOTE 5 CONCERNING OVERLAPS

STATION	TOP OF SLOPE	BOTTOM OF SLOPE	SLOPE
154+50	722.637	707.314	1.46 : 1
155+00	723.122	707.140	1 : 1
155+50	723.760	707.130	1 : 1
156+00	724.420	709.170	1.5 : 1

ESTIMATED QUANTITIES:
 PRIMARY GEOGRID REINFORCEMENT: 1100 SQ. YD.
 SECONDARY GEOGRID REINFORCEMENT: 600 SQ. YD.
 SELECT MATERIAL CLASS II: 1800 CU. YD.
 PERMANENT SOIL REINFORCEMENT MAT: 1950 SQ. YD.



TYPICAL SECTION
N.T.S.

PROJECT R-2911C
 ROWAN COUNTY
 STATION 154+50 TO 156+00 -L2-



DRAWN: WDF
 DATE: 03/19/04
 DESIGN: ENW
 DATE: 03/22/04
 CHECK: RSW
 DATE: 03/24/04

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 GEOGRID REINFORCED
 SOIL SLOPE