PROJECT REFERENCE NO.	SHEET NO.
B-4722B (38496.1.1)	2G-2

GEOTECHNICAL ENGINEER

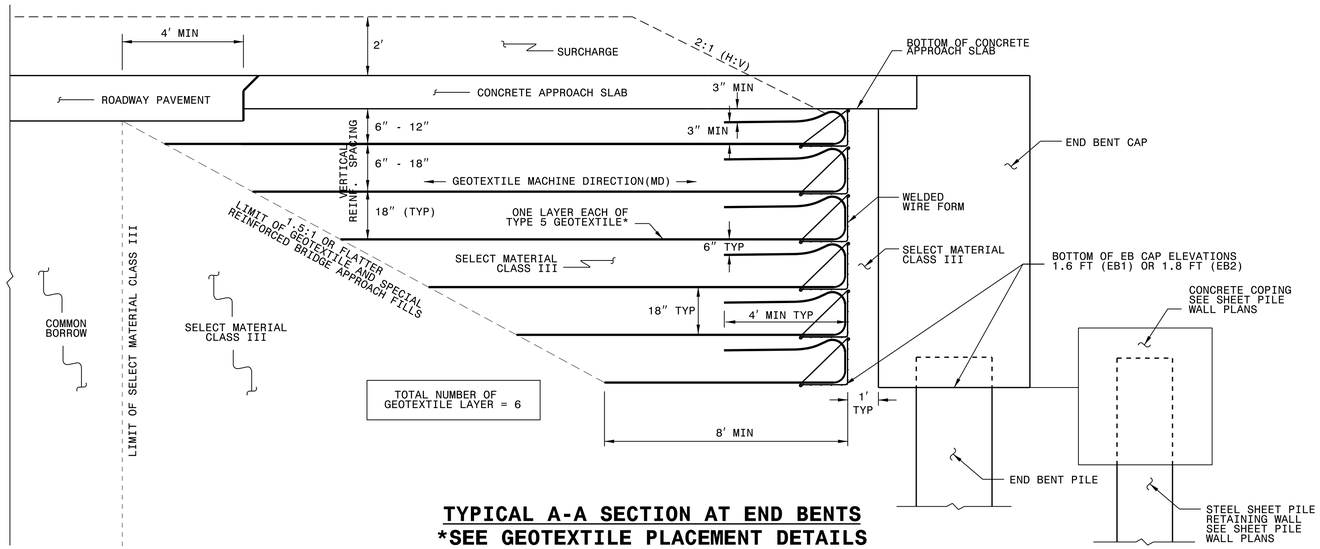
NORTH CAROLINA PROFESSIONAL SEAL 032171 ENGINEER JINYOUNG PARK

DocuSigned by: 1/20/2015

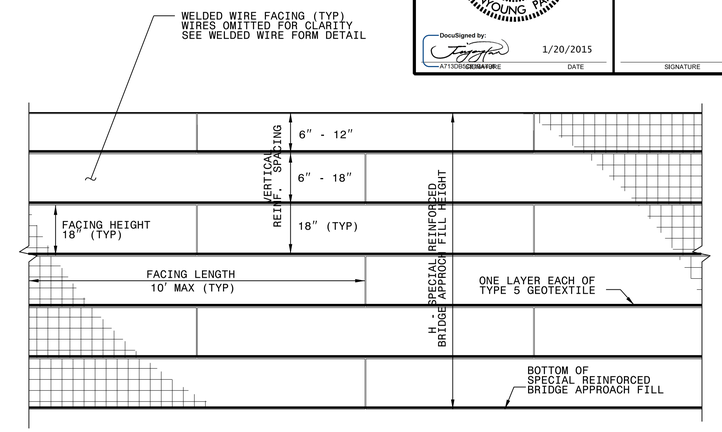
A713D81C0E1A4F0... SIGNATURE DATE

ENGINEER

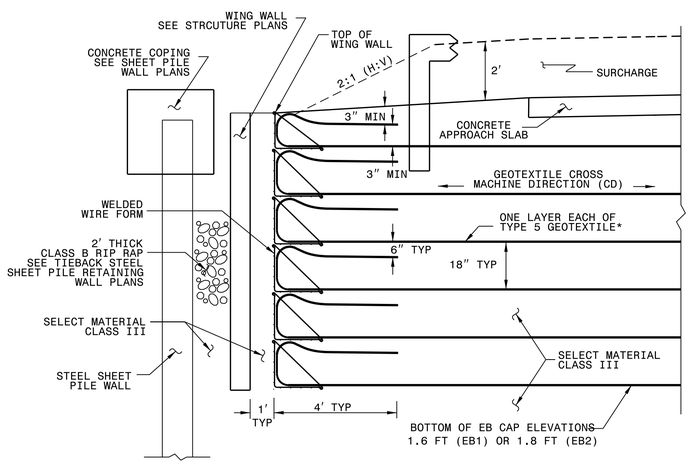
SIGNATURE DATE



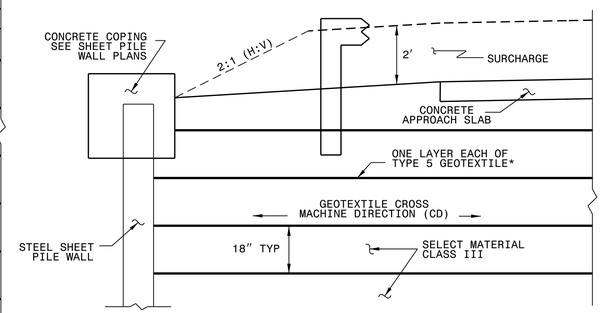
TYPICAL A-A SECTION AT END BENTS
***SEE GEOTEXTILE PLACEMENT DETAILS**



WELED WIRE FORM FACING DETAIL
***SEE GEOTEXTILE PLACEMENT DETAILS**



TYPICAL B-B SECTION
***SEE GEOTEXTILE PLACEMENT DETAILS**



TYPICAL C-C SECTION
***SEE GEOTEXTILE PLACEMENT DETAILS**

NOTES

FOR SPECIAL REINFORCED BRIDGE APPROACH FILLS, SEE SPECIAL REINFORCED APPROACH FILLS SPECIAL PROVISION.

PROVIDE ADEQUATE DRAINAGE DURING CONSTRUCTION IN THE VICINITY OF SPECIAL REINFORCED BRIDGE APPROACH FILLS TO PREVENT ANY STANDING WATER.

CONSTRUCT EMBANKMENT FILL OR EXCAVATE EXISTING EMBANKMENT AS NECESSARY TO BOTTOM OF CAP ELEVATIONS AS SHOWN ON THE PLANS PRIOR TO CONSTRUCTING SPECIAL REINFORCED BRIDGE APPROACH FILLS.

OFFSET FACE OF SPECIAL REINFORCED BRIDGE APPROACH FILL TO MAINTAIN 1' OF CLEAR DISTANCE FROM BACK OF END BENT CAPS AND WING WALLS.

FOR WAITING PERIODS FOR CONSTRUCTION OF SPECIAL REINFORCED BRIDGE APPROACH FILLS, SEE TIEBACK STEEL SHEET PILE RETAINING WALL PLANS.

CONSTRUCT SPECIAL REINFORCED APPROACH FILLS UP TO BOTTOM OF CONCRETE APPROACH SLAB ELEVATIONS.

PLACE GEOTEXTILE AT LOCATIONS AND ELEVATIONS AS SHOWN ON THIS PLAN AND IN SLIGHT TENSION FREE OF KINKS, FOLDS, WRINKLES OR CREASES.

INSTALL GEOTEXTILE WITH THE MACHINE DIRECTION AS SHOWN ON PLAN.

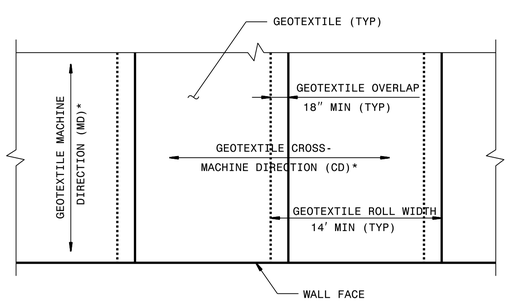
PLACE BACKFILL IN 8" TO 10" THICK LIFTS AND COMPACT IN ACCORDANCE WITH SUBARTICLE 235-3(C) OF THE 2012 STANDARD SPECIFICATIONS. USE ONLY HAND OPERATED COMPACTION EQUIPMENT WITHIN 3'-0" OF THE SPECIAL REINFORCED BRIDGE APPROACH FILLS FACE.

USE SELECT MATERIAL CLASS III FOR SPECIAL REINFORCED BRIDGE APPROACH FILLS AND FOR THE GAPS BETWEEN SPECIAL REINFORCED BRIDGE APPROACH FILLS AND END BENT CAPS, WING WALLS AND SHEET PILINGS.

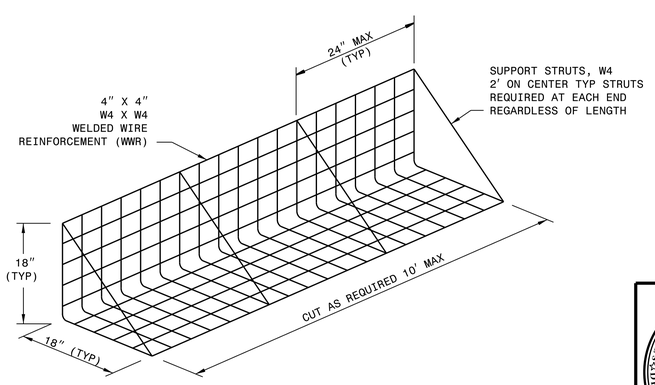
PLACE AND WRAP PROPERLY THE GEOTEXTILES AT THE CORNERS OF SPECIAL REINFORCED BRIDGE APPROACH FILLS TO PREVENT SPILLING OF ANY FILL MATERIAL THROUGH THE FACE OF SPECIAL REINFORCED BRIDGE APPROACH FILLS.

DO NOT DAMAGE GEOTEXTILE WHEN PLACING AND COMPACTING BACKFILL. DO NOT OPERATE HEAVY EQUIPMENT ON GEOTEXTILE UNTIL IT IS COVERED WITH AT LEAST 8" OF BACKFILL. DO NOT USE SHEEPSFOOT, GRID ROLLERS OR OTHER TYPES OF COMPACTION EQUIPMENT WITH FEET.

COVER GEOTEXTILE WITH AT LEAST 3" OF SELECT MATERIAL CLASS III.



GEOTEXTILE PLACEMENT
(100% COVERAGE MIN FOR GEOTEXTILE REINFORCEMENT)



WELDED WIRE FORM DETAIL

PREPARED BY: J. PARK	DATE: 12 / 2014
REVIEWED BY: J. BATTS	DATE: 12 / 2014

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

GEOTECHNICAL ENGINEERING UNIT

SPECIAL REINFORCED BRIDGE APPROACH FILLS - DETAILS AND NOTES

REVISIONS

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