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PROJECT REFERENCE NO. R-2233BB | SHEET NO. 2A-1

ROADWAY DESIGN ENGINEER — SEAL 020653 DENNIS J. NORRIS — 8/25/2021

PAVEMENT DESIGN ENGINEER — SEAL 024934 JOSEPH T. HOLLAND — 8/25/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

Dewberry — 2610 WYCLIFF ROAD, SUITE 410, RALEIGH, NC 27607, PHONE: 919.881.9939, NC COA No. F-0929

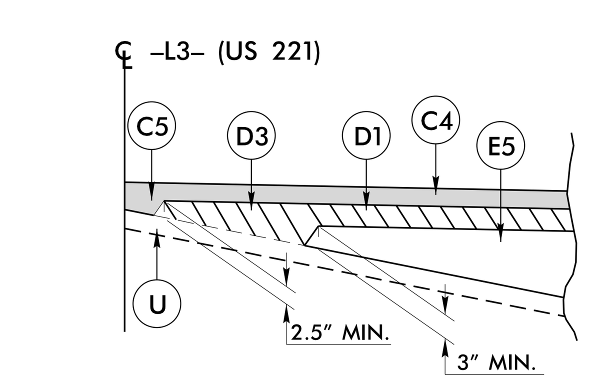
NC DEPARTMENT OF TRANSPORTATION, PAVEMENT MANAGEMENT UNIT, 1593 MAIL SERVICE CENTER, RALEIGH, NC 27699-1593

PAVEMENT SCHEDULE (FINAL)

ITEM	DESCRIPTION	ITEM	DESCRIPTION	ITEM	DESCRIPTION
A1	7" CONCRETE TRUCK APRON	E4	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE,TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YARD.	R4	PROPOSED 2'-0" MODIFIED VALLEY GUTTER
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD.	E5	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 3" OR GREATER THAN 5.5" IN DEPTH.	R5	PROPOSED 8" x 12" CONCRETE CURB
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YARD IN EACH OF TWO LAYERS.	J1	PROP. 6" AGGREGATE BASE COURSE	R6	PROPOSED CONCRETE EXPRESSWAY GUTTER
C3	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YARD PER 1" IN DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 1.5" IN DEPTH.	J2	PROP. 8" AGGREGATE BASE COURSE	S	4" CONCRETE SIDEWALK
C4	PROP. APPROX. 3.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD IN EACH OF TWO LAYERS.	K1	PROP. CHEMICAL STABILIZATION (SOIL-CEMENT BASE/LIME-TREATED SOIL). BASE TREATED WITH CEMENT AT A RATE OF 56 LBS. PER SQ. YARD @ 7" DEPTH OR SOIL TREATED WITH LIME AT A RATE OF 24 LBS. PER SQ. YARD @ 8" DEPTH.	T	EARTH
C5	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YARD PER 1" IN DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.	K2	PROP. 8" CLASS IV SUBGRADE STABILIZATION	U	EXISTING PAVEMENT
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YARD.	N1	GEOTEXTILE FOR SOIL STABILIZATION	V1	INCIDENTAL MILLING (SEE MILLING DETAIL V1)
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD.	N2	GEOTEXTILE FOR PAVEMENT STABILIZATION	V2	INCIDENTAL MILLING (SEE MILLING DETAIL V2)
D3	PROP. VAR. DEPTH ASPHALT CONC. INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 2.5" OR GREATER THAN 4" IN DEPTH.	P	PRIME COAT AT THE NORMAL APPLICATION RATE OF 0.35 GAL. PER SQ. YARD	V3	1.5 " PAVEMENT MILLING
E1	PROP. APPROX. 3.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YARD.	R1	2'-6" CONCRETE CURB AND GUTTER	V4	0" TO 3" PAVEMENT MILLING
E2	PROP. APPROX. 4.0" ASPHALT CONCRETE BASE COURSE,TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD.	R2	SHOULDER BERM GUTTER (SBG)	Z	MILLED RUMBLE STRIP
E3	PROP. APPROX. 4.5" ASPHALT CONCRETE BASE COURSE,TYPE B25.0C, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YARD.	R3	5" MONOLITHIC CONCRETE ISLAND (KEYED IN)	W1 W2 W3	VARIABLE DEPTH ASPHALT (SEE WEDGING DETAILS ON THIS SHEET)

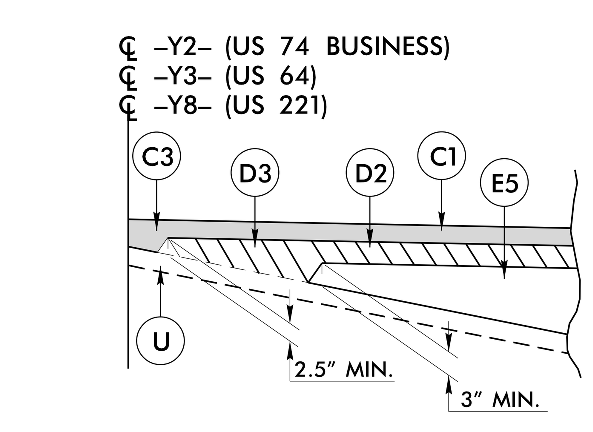
NOTES:

1. ALL PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE NOTED.
2. USE 4:1 MAX SLOPES ON THE INSIDE OF INTERCHANGE AREAS.
3. SEE PLANS FOR LOCATION OF ACCELERATION AND DECELERATION LANES.
4. SEE PLANS FOR LOCATION OF TURN LANE AND INTERSECTION TURNOUTS.
5. SEE PLANS FOR LOCATION OF ALL PAVEMENT TAPERS.
6. ALL DRIVEWAY RADII ARE 10' UNLESS SHOWN OTHERWISE ON PLANS.



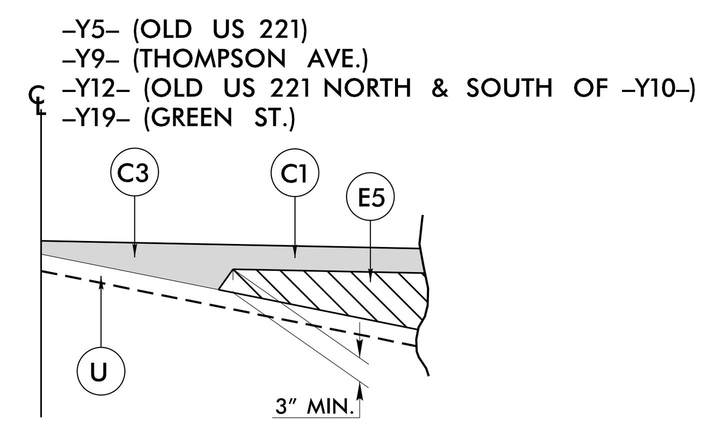
WEDGING DETAIL – W1

USE IN CONJUNCTION WITH TS Nos. 5 & 5A



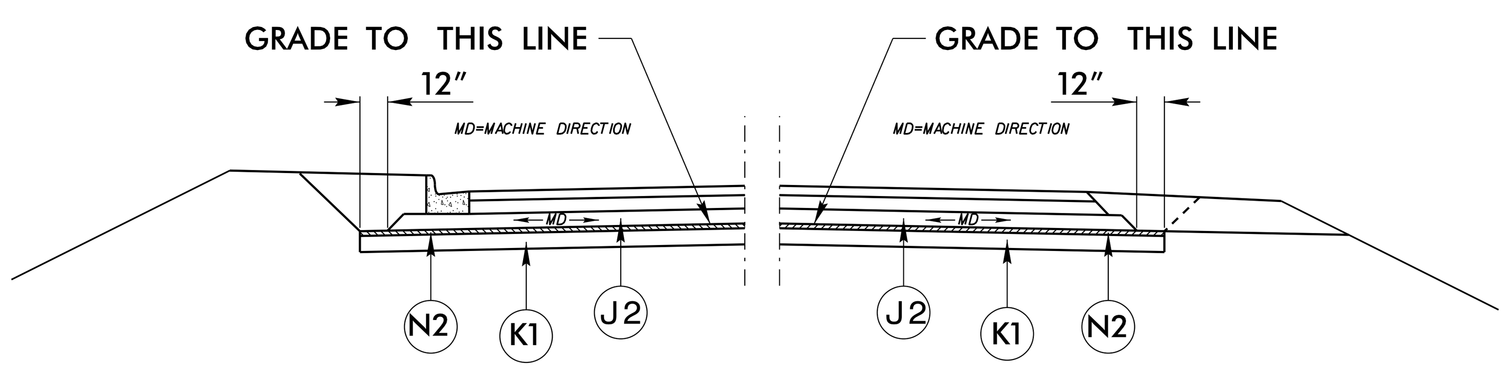
WEDGING DETAIL – W2

USE IN CONJUNCTION WITH TS Nos. 6, 7A, & 19A



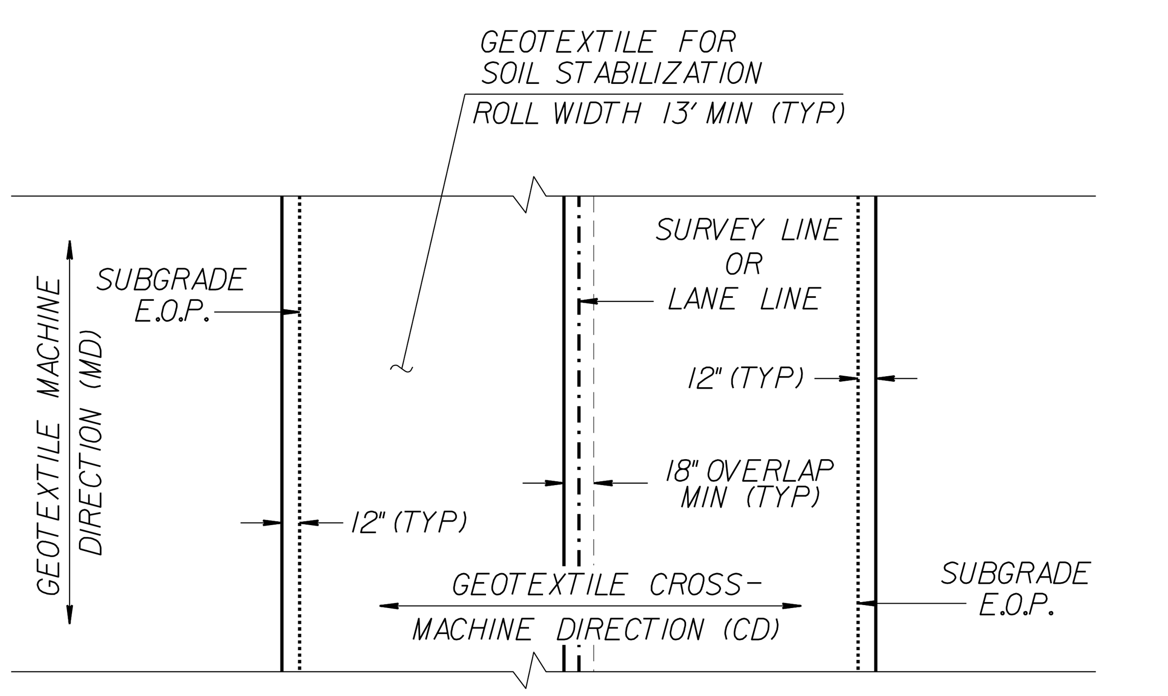
WEDGING DETAIL – W3

USE IN CONJUNCTION WITH TS No. 8A, 15 & 20



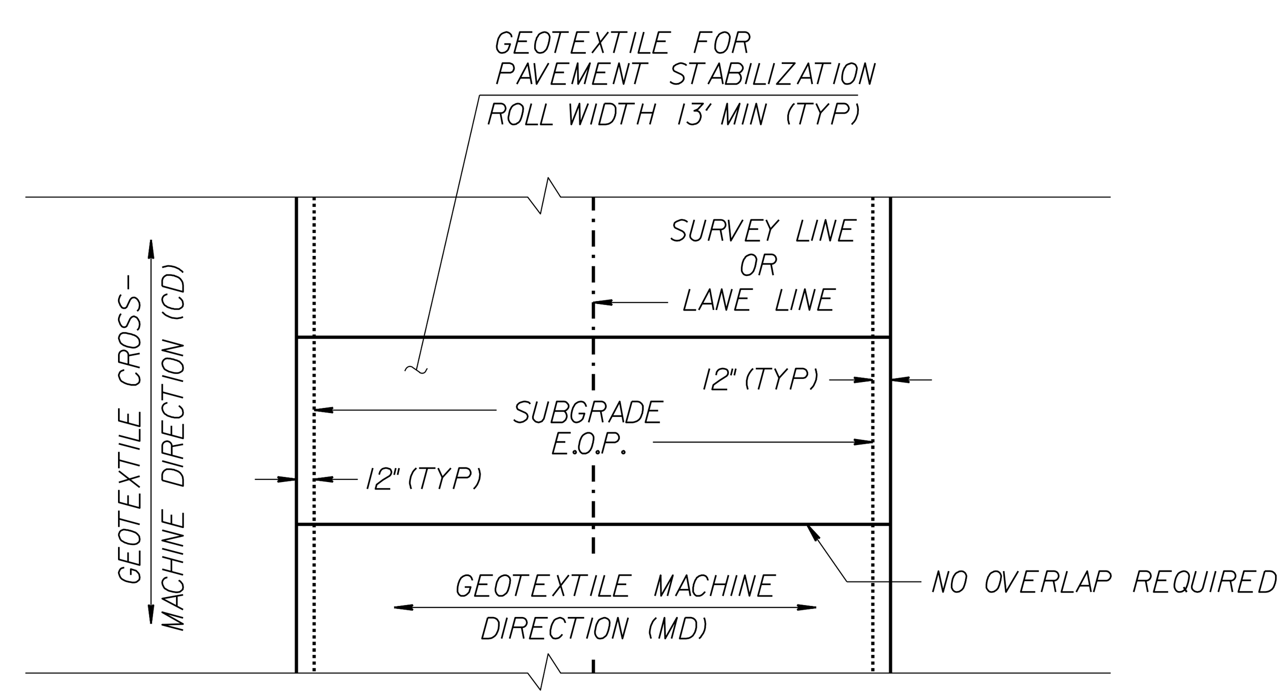
DETAIL FOR CHEMICAL STABILIZATION–GEOTEXTILE FOR PAVEMENT STABLIZATION WITH ABC

USE IN CONJUNCTION WITH TYPICAL SECTIONS No.1, 5, 13, & 14 WHERE GEOTEXTILE IS REQUIRED. FOR LOCATIONS SEE SHEET 3G-1.



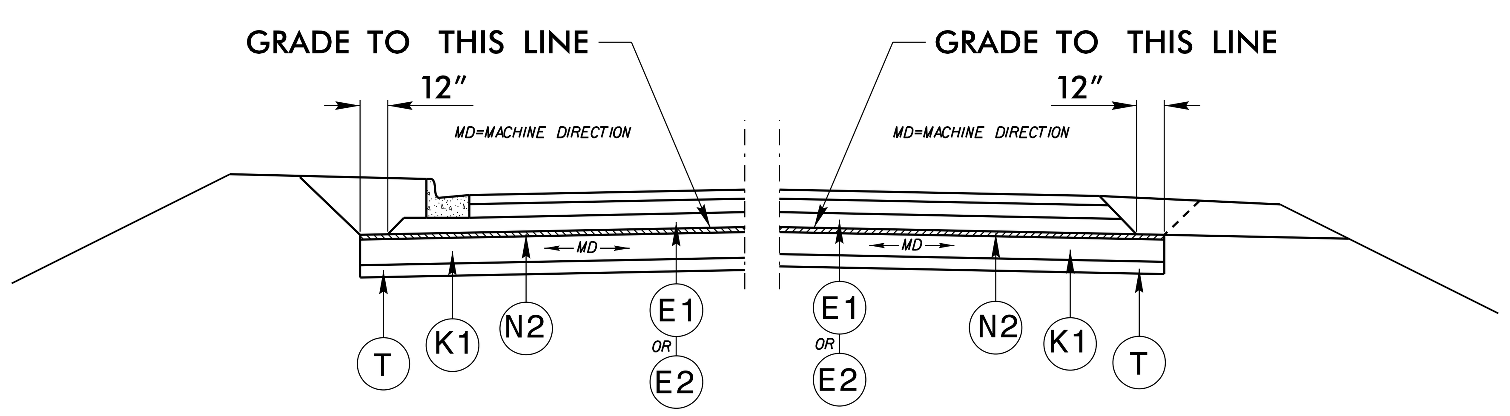
GEOTEXTILE FOR SOIL STABILIZATION PLACEMENT (PLAN VIEW)

(100% COVERAGE REQUIRED)



GEOTEXTILE FOR PAVEMENT STABILIZATION PLACEMENT (PLAN VIEW)

(100% COVERAGE REQUIRED)



DETAIL FOR CHEMICAL STABILIZATION–GEOTEXTILE FOR PAVEMENT STABLIZATION WITH ASPHALT BASE

USE IN CONJUNCTION WITH TYPICAL SECTIONS No. 7, 7A, 8, 9, 9A, 9B, 10, 12, 15, 16, 17, 18 19, 19A, 21, 22 & 23 WHERE GEOTEXTILE IS REQUIRED. FOR LOCATIONS SEE SHEET 3G-1.