

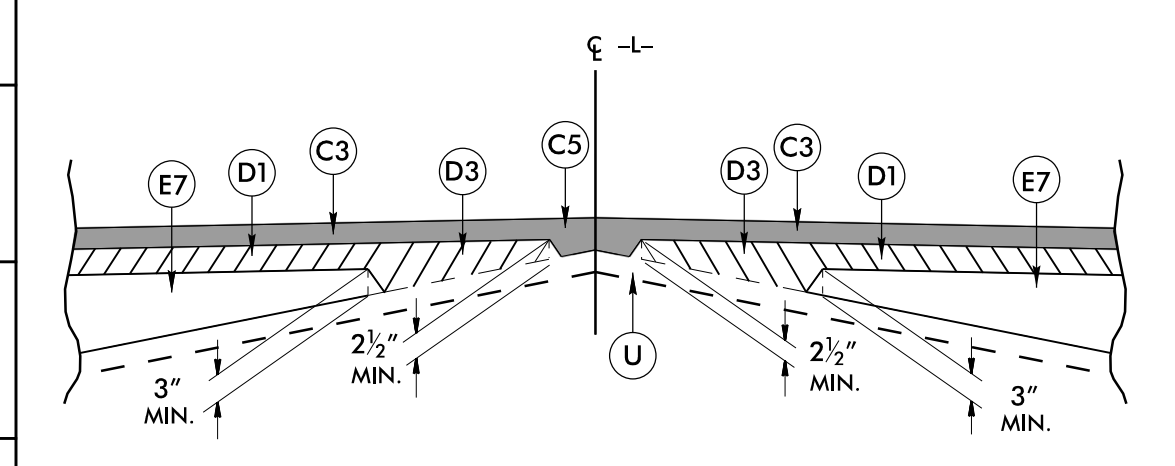
6/2/2019

PAVEMENT SCHEDULE

B1	PROP. APPROX. 3/4" OPEN-GRADED ASPHALT FRICTION COURSE (OGFC), TYPE FC-1 MODIFIED, AT AN AVERAGE RATE OF 90 LBS. PER SQ. YD.	N1	GEOTEXTILE FOR PAVEMENT STABILIZATION.
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	N2	GEOTEXTILE FOR SOIL STABILIZATION.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 1" IN DEPTH OR GREATER THAN 1 1/2" IN DEPTH.	R1	2'-6" CONCRETE CURB AND GUTTER.
C3	PROP. APPROX. 1 1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	R2	1'-6" CONCRETE CURB AND GUTTER.
C4	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	R3	SHOULDER BERM GUTTER.
C5	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 1 1/2" IN DEPTH OR GREATER THAN 2" IN DEPTH.	R4	CONCRETE EXPRESSWAY GUTTER.
D1	PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.	R5	5" MONOLITHIC CONCRETE ISLAND.
D2	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	R6	TYPE III DOUBLE FACED CONCRETE BARRIER.
D3	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH, TO BE PLACED IN LAYERS NOT LESS THAN 2 1/2" IN DEPTH OR GREATER THAN 4" IN DEPTH.	R7	42" VERTICAL CONCRETE BARRIER.
E1	PROP. APPROX. 3" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.	R8	41" SINGLE FACED CONCRETE BARRIER.
E2	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	R9	4" CONCRETE ISLAND COVER.
E3	PROP. APPROX. 5 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.	S	4" CONCRETE SIDEWALK.
E4	PROP. APPROX. 9" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 513 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	T	EARTH MATERIAL.
E5	PROP. APPROX. 9 1/2" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 541.5 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	U	EXISTING PAVEMENT.
E6	PROP. APPROX. 13" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 494 LBS. PER SQ. YD. IN EACH OF THREE LAYERS.	V1	MILLING ASPHALT PAVEMENT, 1 1/2" DEPTH.
E7	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT LESS THAN 3" IN DEPTH OR GREATER THAN 5 1/2" IN DEPTH.	V2	INCIDENTAL MILLING.
J1	PROP. 6" AGGREGATE BASE COURSE.	W1	WEDGING (VARIABLE DEPTH ASPHALT, SEE DETAIL ON THIS SHEET)
K1	PROP. CHEMICAL STABILIZATION (7" SOIL-CEMENT BASE/8" LIME-TREATED SOIL). BASE TREATED WITH CEMENT AT A RATE OF 55 LBS. PER SQ. YD. OR SOIL TREATED WITH LIME AT A RATE OF 24 LBS. PER SQ. YD.	W2	WEDGING (VARIABLE DEPTH ASPHALT, SEE DETAIL ON THIS SHEET)
K2	PROP. 8" CLASS IV SUBGRADE STABILIZATION.	W3	WEDGING (VARIABLE DEPTH ASPHALT, SEE DETAIL ON THIS SHEET)
K3	PROP. 18" CLASS IV SUBGRADE STABILIZATION.	W4	WEDGING (VARIABLE DEPTH ASPHALT, SEE DETAIL ON THIS SHEET)
L	BASE TO BE STABILIZED WITH 200 TO 400 LBS. PER SQ. YD. OF STABILIZER AGGREGATE MIXED WITH THE TOP 3" OF SUBGRADE SOIL AT LOCATIONS DIRECTED BY THE ENGINEER.	Y	MILLED RUMBLE STRIPS

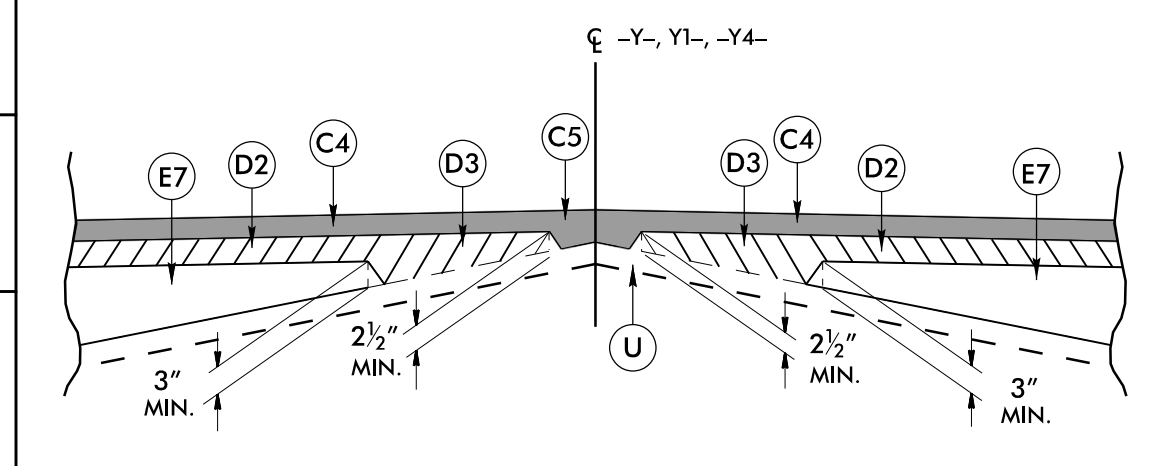
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

DETAIL W1



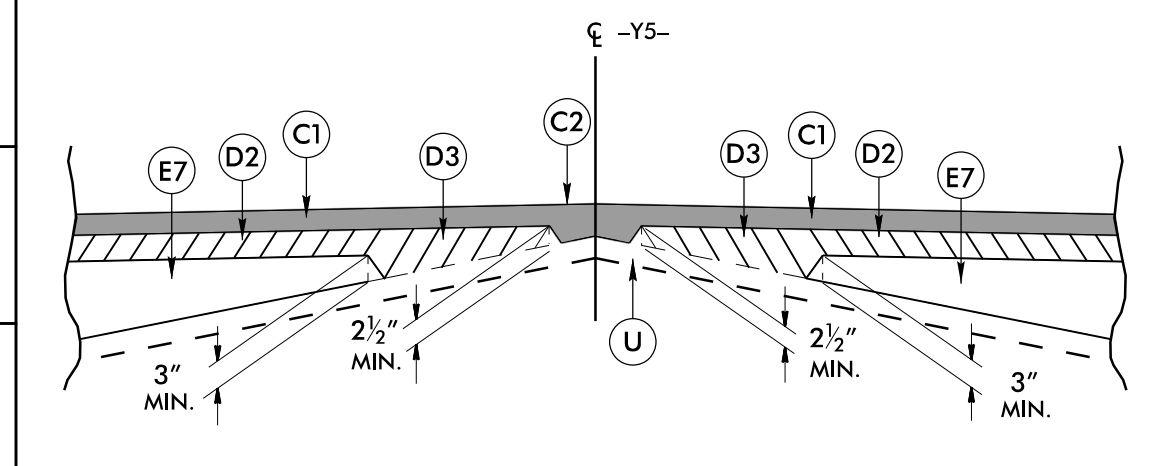
DETAIL SHOWING METHOD OF WEDGING

DETAIL W2



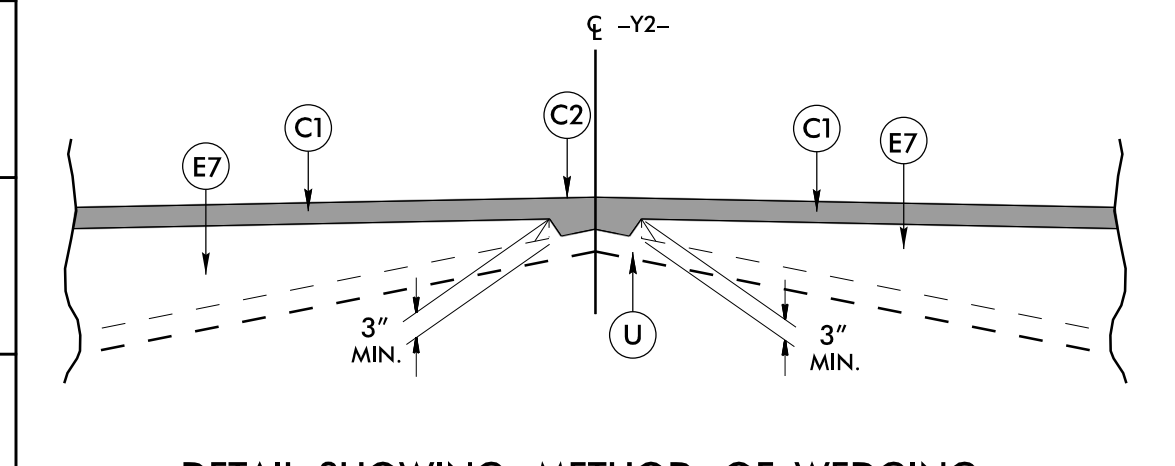
DETAIL SHOWING METHOD OF WEDGING

DETAIL W3



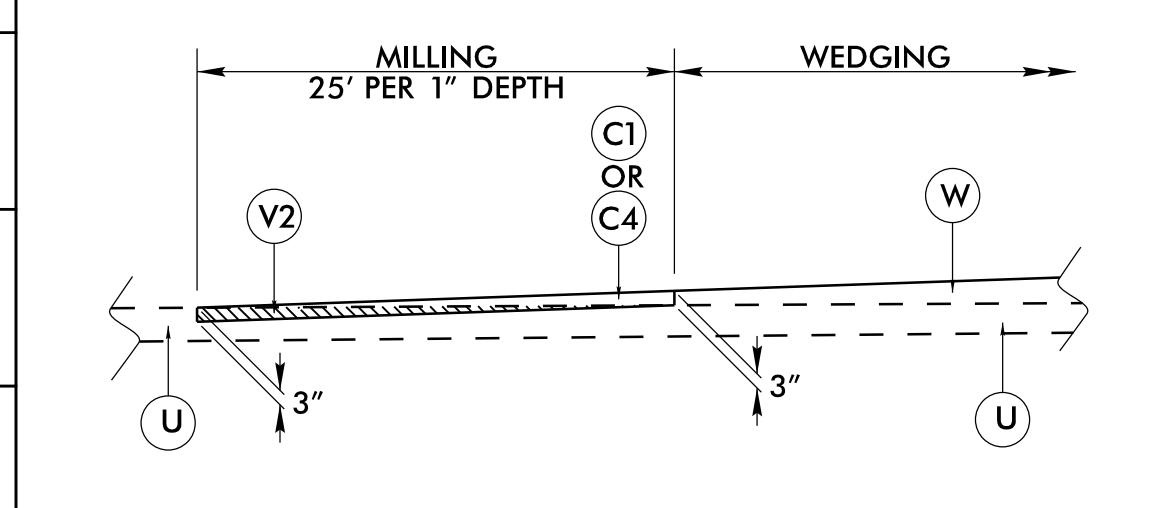
DETAIL SHOWING METHOD OF WEDGING

DETAIL W4

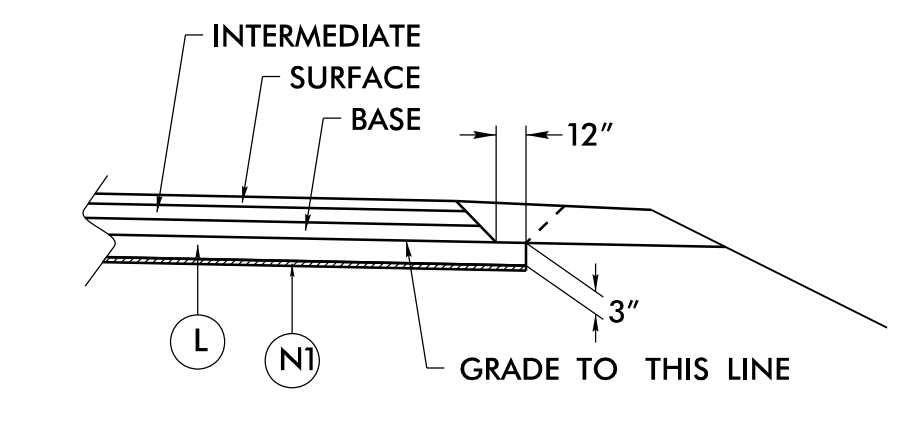


DETAIL SHOWING METHOD OF WEDGING

INCIDENTAL MILLING DETAIL

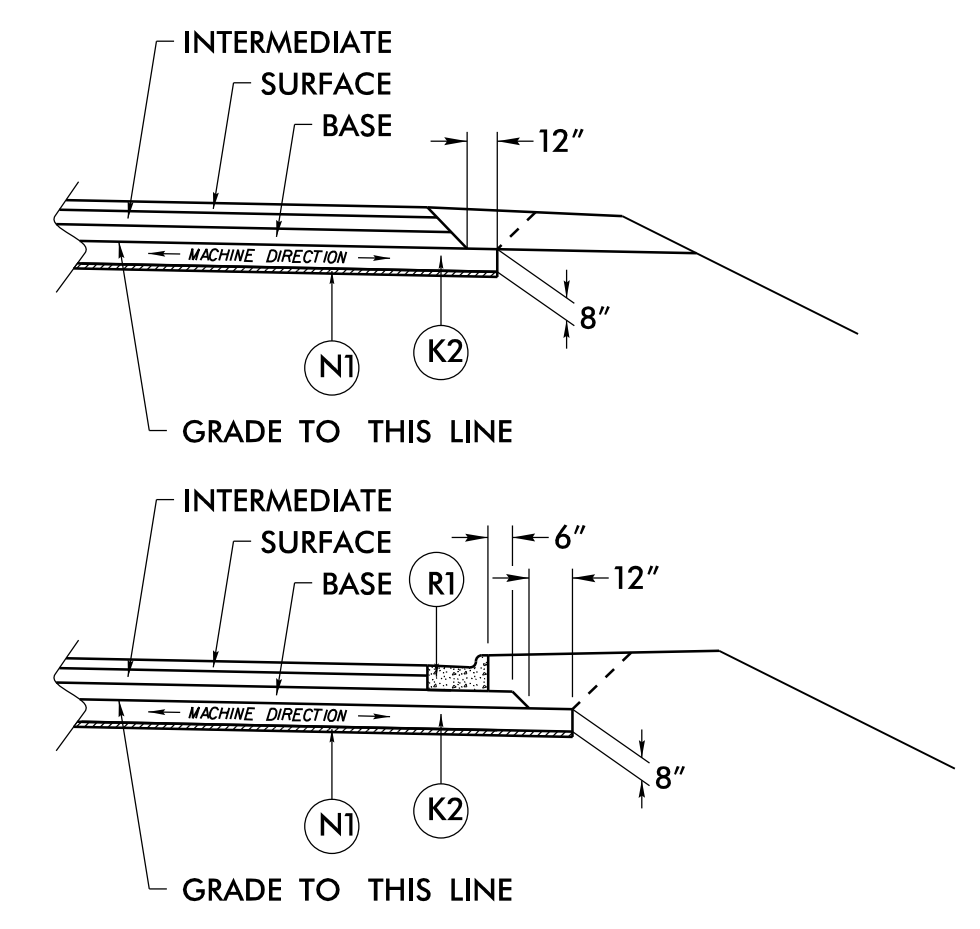


USE INCIDENTAL MILLING DETAIL AT ALL PROPOSED PROFILE TIE-INS TO EXISTING PAVEMENT



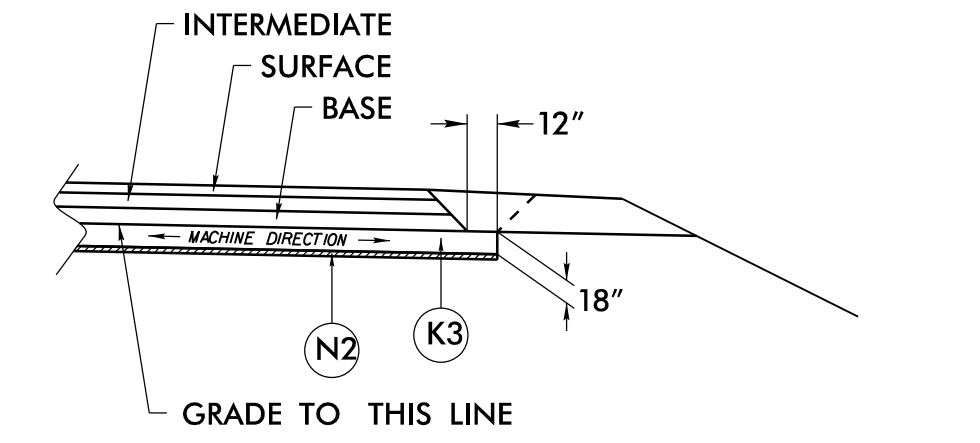
STABILIZER AGGREGATE
USE DETAIL FOR CONTINGENCY ONLY - USE AS DIRECTED BY ENGINEER

PROJECT REFERENCE NO. R-4707	SHEET NO. 2A-1
ROADWAY DESIGN ENGINEER RICHARD L. DEOLA PROFESSIONAL SEAL 034381 4/17/2020	PAVEMENT DESIGN ENGINEER CLARK S. MORRISON PROFESSIONAL SEAL 022896 4/22/2020
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
Mead & Hunt 111 E. Hargett Street, Suite 300 Raleigh, North Carolina 27601 919-714-8670 meadhunt.com NC License No. F-1235	



CLASS IV SUBGRADE STABILIZATION WITH GEOTEXTILE FOR PAVEMENT STABILIZATION

- USE DETAIL**
- L- STA. 32+75 TO -L- STA. 36+25
 - L- STA. 75+25 TO -L- STA. 80+75
 - Y- STA. 36+75 TO -Y- STA. 41+25
 - Y- STA. 42+17 TO -Y- STA. 47+75
 - RPA- STA. 10+00 TO -RPA- STA. 13+75
 - RPA- STA. 26+75 TO -RPA- STA. 27+75
 - RPB- STA. 14+75 TO -RPB- STA. 18+25
 - RPB- STA. 35+75 TO -RPB- STA. 42+75
 - RPC- STA. 18+75 TO -RPC- STA. 25+25
 - RPD- STA. 19+75 TO -RPD- STA. 26+25
 - SPB- STA. 41+25 TO -SPB- STA. 43+75
 - SPC- STA. 24+25 TO -SPC- STA. 27+25
 - SPD- STA. 24+25 TO -SPD- STA. 26+25
 - Y1- STA. 12+25 TO -Y1- STA. 13+75
 - Y1- STA. 20+75 TO -Y1- STA. 22+25



CLASS IV SUBGRADE STABILIZATION WITH GEOTEXTILE FOR SOIL STABILIZATION

- USE DETAIL**
- RPA- STA. 14+75 TO -RPA- STA. 16+25 LT & RT
 - RPC- STA. 13+75 TO -RPC- STA. 16+75 LT & RT
 - Y1- STA. 10+00 TO -Y1- STA. 11+75 LT & RT
 - Y1- STA. 24+25 TO -Y1- STA. 34+75 LT & RT
 - Y1A- STA. 26+50 TO -Y1A- STA. 28+25 LT & RT
 - Y1A- STA. 31+25 TO -Y1A- STA. 32+16 LT & RT

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