Docusign Envelope ID: 6E273885-E560-8AEA-8061-38E6BA4B56B9

PROJECT REFERENCE NO.	SHEET NO.
U-5728	2A-1

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 052554 ENGINEER
DocuSigned by: Zachary P. Phillips
C6DD94993DFC4FE...
07/21/2026

PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 038176 ENGINEER
DocuSigned by: Shulin Chen
245D67F41811438...
07/21/2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DAVENPORT
HOME OFFICE
119 BROOKSTOWN AVENUE, SUITE PH1
WINSTON-SALEM, NC 27101
336.744.1636 www.davenportworld.com
NCBELS FIRM LICENSE NO. C-2522

PAVEMENT SCHEDULE

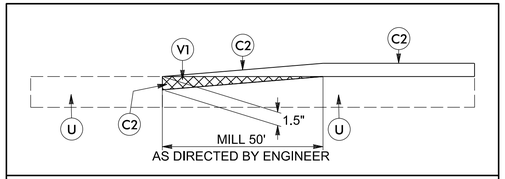
C1	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.	U	EXISTING PAVEMENT
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1″ DEPTH. TO BE PLACED IN LAYERS NOT LESS THAT 1.5″ IN DEPTH OR GREATER THAN 2″ IN DEPTH.	V1	INCIDENTAL MILLING
C3	PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 LBS. PER SQ. YD.	V2	1.5″ MILLING
D1	PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.	V3	1.5″ TO 3″ MILLING
D2	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 2½″ IN DEPTH OR GREATER THAN 4″ IN DEPTH.	W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL W)
E1	PROP. APPROX. 4″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.		
E2	PROP. APPROX. 5.5″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.		
E3	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 5½″ IN DEPTH.		
J	6″ AGGREGATE BASE COURSE		
K	PROP 12″ CLASS IV SUBGRADE STABILIZATION		
N	GEOTEXTILE FOR SUBGRADE STABILIZATION		
P	PRIME COAT		
R1	2′-6″ CONCRETE CURB AND GUTTER		
R2	5″ MONOLITHIC CONCRETE ISLAND (KEYED IN)*		
S	4″ CONCRETE SIDEWALK		
T	EARTH MATERIAL		

NOTES: FOR LOCATIONS THERE OVERLAY AND WIDENING IS SPECIFIED, REFER TO TYPICAL SECTIONS AND ASSOCIATED DETAILS WHERE APPLICABLE.

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

TYPICAL SECTIONS ARE NOT TO SCALE (NTS)

* SEE PLANS FOR LOCATIONS



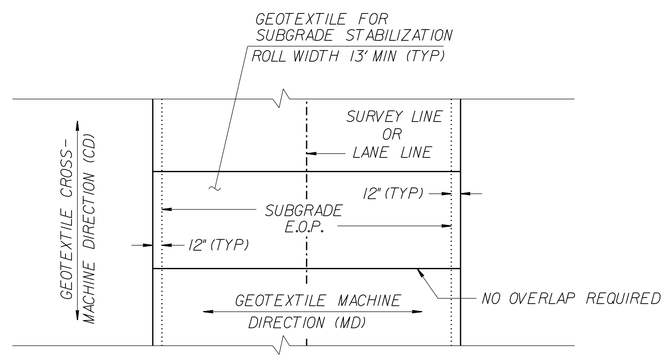
INCIDENTAL MILLING DETAIL

DETAIL FOR SHALLOW UNDERCUT

-L- STA. 18+25.00 TO 23+00.00
-L- STA. 26+25.00 TO 33+00.00
-Y1- STA. 12+75.00 TO 17+00.00

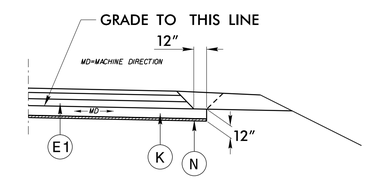
FOR DETAILED LIMITS OF SHALLOW UNDERCUT SEE SUBSURFACE INVESTIGATION PLANS AND CROSS SECTIONS

THIS DETAIL IS A GRAPHICAL REPRESENTATION OF THE INFORMATION PROVIDED IN SHEET 3G-1 AND THE GEOTECHNICAL REPORT SEALED BY EDGAR A. MCINTOSH III P.E. N.C. 061240 DATED XX-XX-XXXX

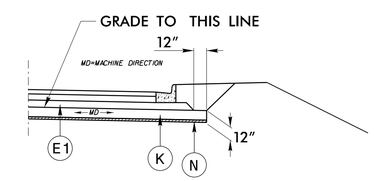


GEOTEXTILE FOR SUBGRADE STABILIZATION PLACEMENT (PLAN VIEW)

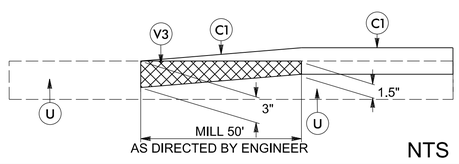
(100% COVERAGE REQUIRED)



AGGREGATE SUBGRADE FOR SHOULDER WITH ASPHALT BASE



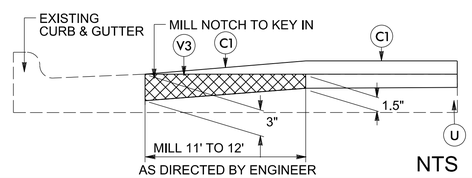
AGGREGATE SUBGRADE FOR C&G WITH ASPHALT BASE



NTS

PROFILE TRANSITION DETAIL

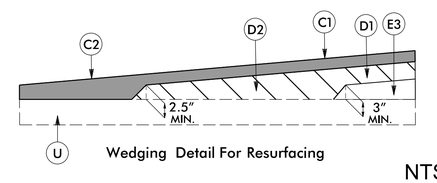
USE THIS DETAIL IN COMBINATION WITH –L– & –Y– LINE PROFILES TO TRANSITION FROM EXISTING GRADE TO PROPOSED PROFILE GRADE



NTS

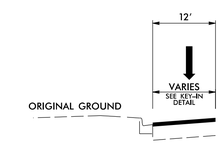
KEY-IN DETAIL

USE THIS DETAIL IN COMBINATION WITH –L– LINE TYPICAL SECTIONS NO. 1 THRU 5, AND FOR –Y– LINE TYPICAL SECTION NO. 6, 8, AND 9



NTS

DETAIL W SHOWING METHOD OF WEDGING



INSET 1A

USE INSET 1A IN COMBINATION WITH TYPICAL SECTION NO.1 AS FOLLOWS
–L– STA. 14+50.00 TO 16+00.00

6/2/99
$$$$SCALE$$$$
$$$$FILENAME$$$$
$$$$TIME$$$$
$$$$DATE$$$$
$$$$USER$$$$
DAVENPORT\RAVEPRETWORD