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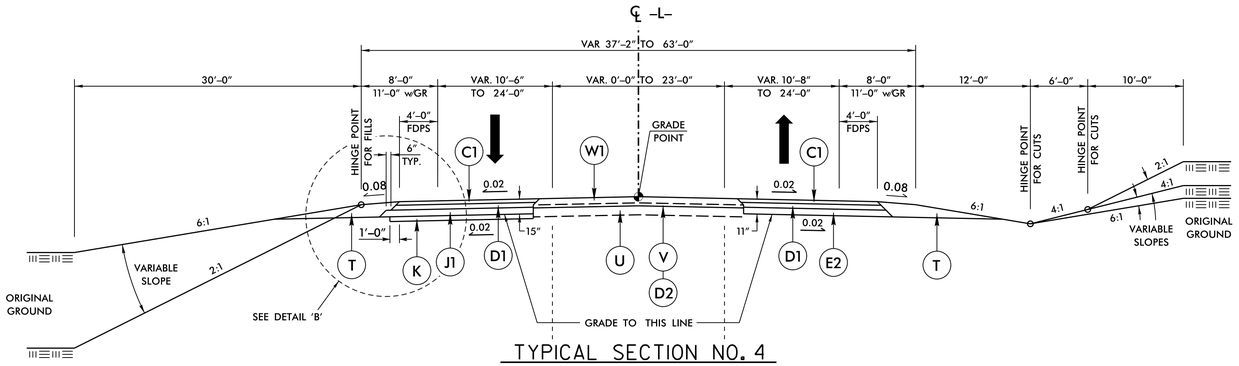
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-2603	2A-4

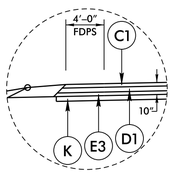
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19724 ENGINEER DAVID BURKE EVANS
8/10/2015

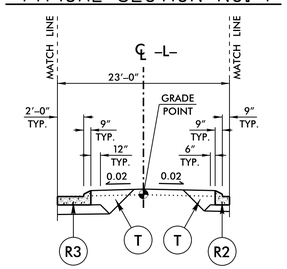
PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 031484 ENGINEER VANESSA GRIMMITCHER
8/3/2015

M A Engineering Consultants, Inc. NC License: F-0160
598 East Chatham Street Suite 137 Cary, NC 27511
Phone: 919.297.0220 Fax: 919.297.0221

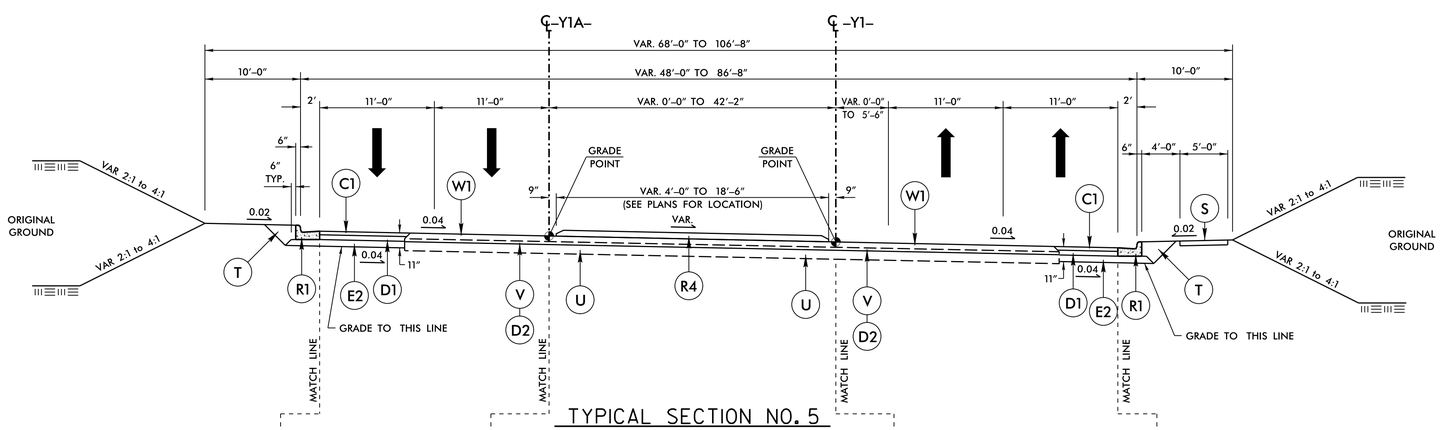


TYPICAL SECTION NO. 4





TYPICAL SECTION NO. 4-A



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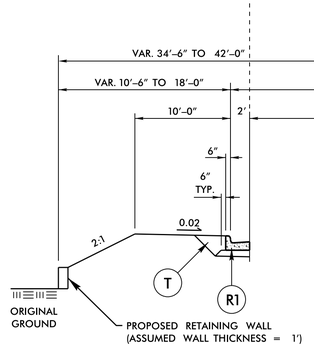

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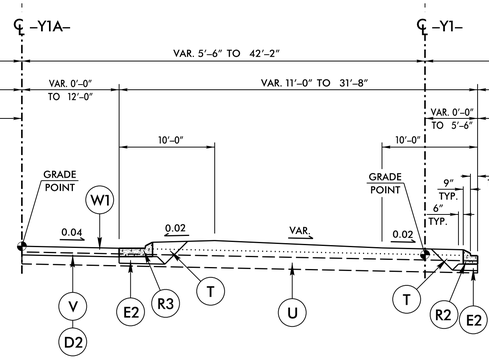

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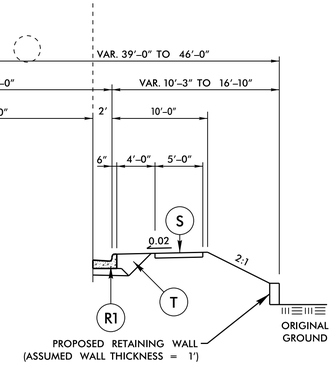

TYPICAL SECTION NO. 5-C

USE TYPICAL SECTION NO. 4:

FROM -L- STA. 188+95.46 TO 195+00.00

NOTE: USE 11" ALL ASPHALT PAVEMENT DESIGN FOR NARROW WIDENING AREAS LESS THAN 6' IN WIDTH.

NOTE:
MILL TOP 1.5" LAYER OF EXISTING PAVEMENT TO ENSURE SMOOTH TIE-IN:

FROM -L- STA. 192+50.00 TO 195+00.00

USE TYPICAL SECTION NO. 4-A IN CONJUNCTION WITH TYPICAL SECTION 4:

FROM -L- STA. 188+95.46 TO 189+30.10

NOTE: ONLY MILL AND REPLACE EXISTING PAVEMENT WITH 2.5" OF 119.0C IN LOCATIONS TO BE USED FOR PROPOSED PAVEMENT.

USE TYPICAL SECTION NO. 5:

FROM -Y1- STA. 15+00.00 TO 32+32.91
FROM -Y1A- STA. 21+58.06 TO 32+53.11

NOTE:

MILL EXISTING PAVEMENT TO A DEPTH OF 1.5" AND REPLACE WITH 1.5" OF S9.5C FROM:
-Y1- STA. 13+05.00 TO 15+00.00 (SEE SHEET 18)

REMOVE AND REPLACE EXISTING DAMAGED 2'-6" CURB AND GUTTER AT EXISTING LOCATION WHILE TAKING MILLING & RESURFACING INTO ACCOUNT FROM:
-Y1- STA. 13+25.00 TO 15+00.00 RT

USE TYPICAL SECTION NO. 5-A IN CONJUNCTION WITH TYPICAL SECTION NO. 5:

FROM -Y1- STA. 24+72.87 TO 29+73.77
FROM -Y1A- STA. 24+76.72 TO 29+93.97

USE TYPICAL SECTION NO. 5-B IN CONJUNCTION WITH TYPICAL SECTION NO. 5:

FROM -Y1A- STA. 28+76.00 TO 29+10.00 LT

USE TYPICAL SECTION NO. 5-C IN CONJUNCTION WITH TYPICAL SECTION NO. 5:

FROM -Y1- STA. 29+00.00 TO 29+42.00 RT

NOTE:
WHEN THE OFFSET TO THE RETAINING WALLS IS AT THE MINIMUM, TYPICAL SECTION NOS. 5-B & 5-C WILL LOOK SIMILAR TO TYPICAL SECTION NO. 1-C EXCEPT THE TOP OF WALL WILL BE LOCATED NEAR THE BERM POINT, THERE WILL BE NO 2:1 SIDE SLOPE, AND THE EXISTING STUCTURE IS A 4'x6' RCBC.

PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)	
C1	3" S9.5C
C2	VAR. S9.5C
C3	3" S9.5B
C4	VAR. S9.5B
D1	4" I19.0C
D2	2.5" I19.0C
D3	VAR. I19.0C
D4	4" I19.0B
D5	VAR. I19.0B
E1	5" B25.0C
E2	4" B25.0C
E3	3" B25.0C
E4	VAR. B25.0C
E5	4" B25.0B
E6	VAR. B25.0B
J1	8" ABC
K	LIME OR CEMENT SUBGRADE STABILIZ.
L	STABILIZER AGGREGATE
N	GEOTEXTILE FOR PAVEMENT STABILIZ.
P	.35 PRIME COAT
R1	2'-6" C & G
R2	1'-6" C & G
R3	2'-9" C & G
R4	5" MONO. CONC. ISLAND (KEYED IN)
S	4" SIDEWALK
T	EARTH MATERIAL
U	EXIST. PAVEMENT
V	MILLING, 2.5"
W1	WEDGING
W2	WEDGING
W3	WEDGING
PAVEMENT EDGE SLOPES 1:1 UNLESS NOTED OTHERWISE	

7/2/2015
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