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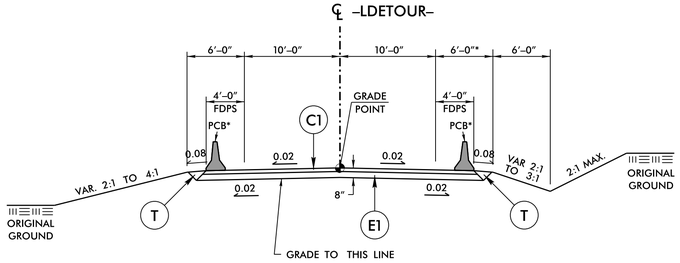
5/14/99

PROJECT REFERENCE NO.	SHEET NO.
R-2603	2A-8

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

PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 031484 ENGINEER MARGARET G. MITCHELL
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

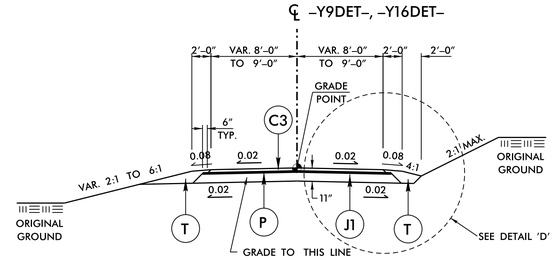


TYPICAL SECTION NO. 13

USE TYPICAL SECTION NO. 13:

FROM -LDETOUR- STA. 10+00.00 TO 18+72.92

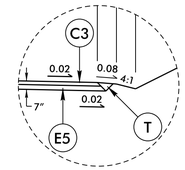
NOTE: • PCB - PORTABLE CONCRETE BARRIER (SEE PLANS FOR LOCATIONS)



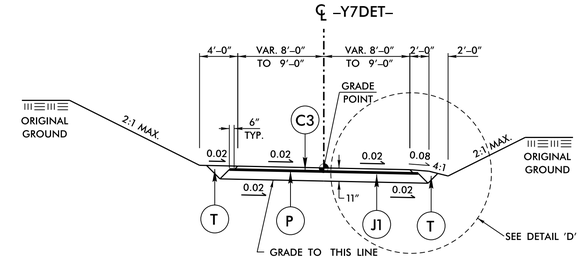
TYPICAL SECTION NO. 14

USE TYPICAL SECTION NO. 14:

FROM -Y9DET- STA. 10+10.39 TO 14+00.00
FROM -Y16DET- STA. 12+32.56 TO 17+42.30



DETAIL 'D'
ALTERNATE PAVEMENT DESIGN



TYPICAL SECTION NO. 15

USE TYPICAL SECTION NO. 15:

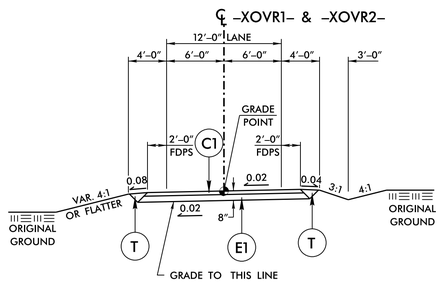
FROM -Y7DET- STA. 5+71.26 TO 8+27.57

WIDEN EXISTING PAVEMENT USING EXISTING EDGE OF PAVEMENT AND EXISTING SUPERELEVATION AS CONTROL:

FROM -Y7DET- STA. 5+40.00 TO 5+65.92 LT

WIDEN EXISTING PAVEMENT USING PROFILE, GRADE POINT, AND EXISTING SUPERELEVATION AS CONTROL:

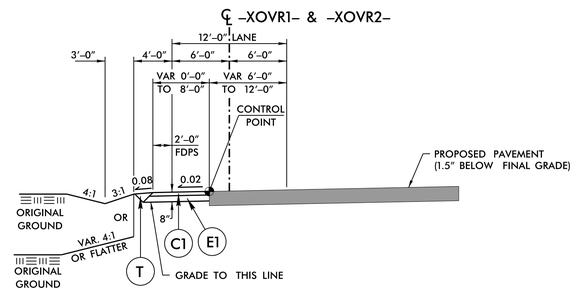
FROM -Y7DET- STA. 5+65.92 TO 5+71.26 RT & LT



TYPICAL SECTION NO. 16

USE TYPICAL SECTION NO. 16:

FROM -XOVR1- STA. 14+21.88 TO 16+94.39
FROM -XOVR2- STA. 13+11.64 TO 15+51.43



TYPICAL SECTION NO. 17

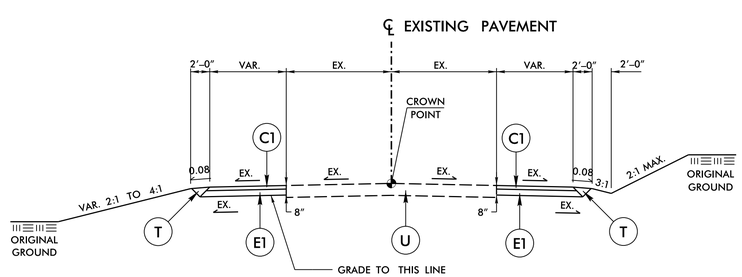
USE TYPICAL SECTION NO. 17:

WIDEN USING PROPOSED -L- (RT) MEDIAN EDGE OF PAVEMENT AND -XOVR1- OR -XOVR2- SUPERELEVATION AS CONTROL:

FROM -XOVR1- STA. 11+97.97 TO 14+21.88
FROM -XOVR2- STA. 15+51.43 TO 16+34.43

WIDEN USING PROPOSED -L- (LT) MEDIAN EDGE OF PAVEMENT AND -XOVR1- OR -XOVR2- SUPERELEVATION AS CONTROL:

FROM -XOVR1- STA. 16+94.39 TO 17+88.43 (MIRROR TYPICAL; PROP. PVMT. ON LEFT, WIDEN ON RIGHT)
FROM -XOVR2- STA. 10+43.29 TO 13+11.64 (MIRROR TYPICAL; PROP. PVMT. ON LEFT, WIDEN ON RIGHT)



TYPICAL SECTION NO. 18

USE TYPICAL SECTION NO. 18:

AT TEMPORARY WIDENING LOCATIONS AS SHOWN IN THE WORK ZONE TRAFFIC CONTROL PLANS.

DIMENSIONS SHOWN ARE MINIMUMS AND SUBJECT TO CHANGE AS DIRECTED BY THE ENGINEER TO SUIT FIELD CONDITIONS.

WIDENING IS SHOWN ON BOTH SIDES OF THE TYPICAL TO REFLECT THE CUT AND FILL SECTIONS, HOWEVER, ACTUAL TEMPORARY WIDENING WILL TYPICALLY OCCUR ONLY ON ONE SIDE OF THE EXISTING PAVEMENT.

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	

7/22/2015
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mcmahon