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6/2/99

PROJECT REFERENCE NO.	SHEET NO.
U-5899	2A-3

ROADWAY DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 21102 ENGINEER JAMES L. HAWKINS, III

Docusigned by: 27-MAR-2025 | 7:30 AM EDT

PAVEMENT DESIGN ENGINEER

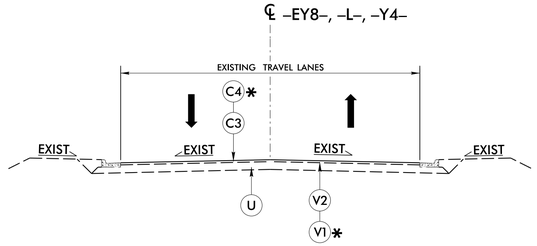
NORTH CAROLINA PROFESSIONAL SEAL 018969 ENGINEER JAMES A. ONNESK

Docusigned by: 27-MAR-2025 | 7:30 AM EDT

MOTT MACDONALD I & E, LLC
LICENSE NO. F-0669

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

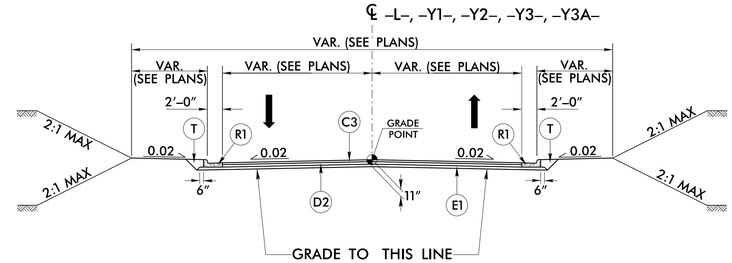
Prepared in the Office of: MOTT MACDONALD
930 Main Campus Drive, Suite 200
Raleigh, NC 27606
www.mottmac.com



TYPICAL SECTION 14

USE TYPICAL SECTION NO. 14

–EY8– STA. 10+00.00 TO 23+89.83
–L– STA. 10+00.00 TO 19+00.00
*–Y4– STA. 38+72.95 TO 45+50.00

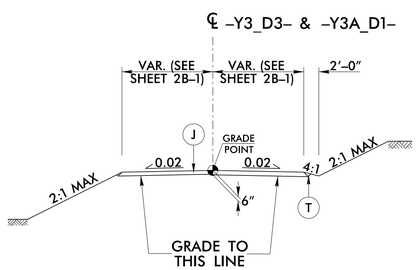


TYPICAL SECTION NO. 15 (INTERSECTIONS)

USE TYPICAL SECTION NO. 15

–L– STA. 46+58.37 TO 47+33.73 LT
–L– STA. 46+84.88 TO 47+33.73 RT
–Y1– STA. 10+20.75 TO 11+20.00
–Y2– STA. 10+20.75 TO 10+75.07 LT
–Y2– STA. 10+20.75 TO 10+90.72 RT
–Y3– STA. 15+00.26 TO 15+94.15
–Y3A– STA. 10+20.82 TO 11+00.00

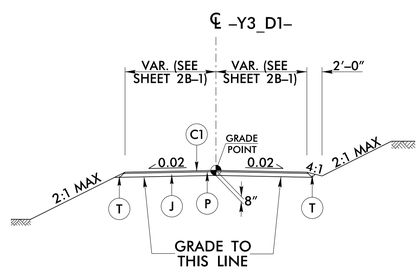
TRANSITION FROM TYPICAL SECTION NO. 15 TO TYPICAL SECTION NO. 5:
–Y1– STA. 11+20.00 TO 12+00.00



TYPICAL SECTION NO. 16

USE TYPICAL SECTION NO. 16

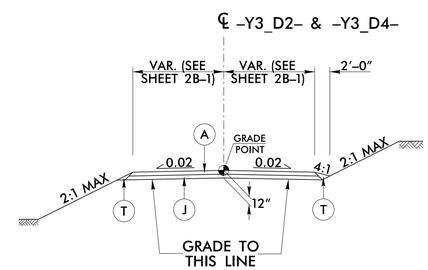
–Y3_D3– STA. 10+15.00 TO 11+40.00
–Y3A_D1– STA. 10+13.95 TO 11+28.11



TYPICAL SECTION NO. 17

USE TYPICAL SECTION NO. 17

–Y3_D1– STA. 10+15.00 TO 11+00.00

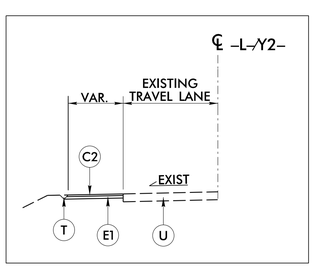


TYPICAL SECTION NO. 18

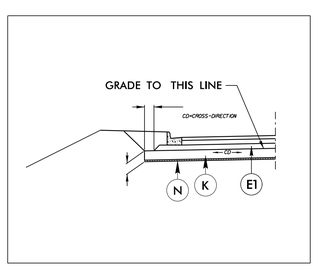
USE TYPICAL SECTION NO. 18

–Y3_D2– STA. 10+15.00 TO 11+00.00
–Y3_D4– STA. 10+15.22 TO 11+25.00

PAVEMENT SCHEDULE	
A	6" CONCRETE
C1	2" S9.5B
C2	2.5" S9.5B
C3	3" S9.5B
C4	1.5" S9.5B
D1	2.5" I19.0C
D2	4" I19.0C
E1	4" B25.0C
J	6" ABC
K	CLASS IV SUB. STAB.
N	GEOTEXTILE
P	PRIME COAT
R1	2-6" C & G
T	EARTH MATERIAL
U	EXIST. PAVEMENT
V1	MILLING, 1.5" DEPTH
V2	MILLING, 3" DEPTH

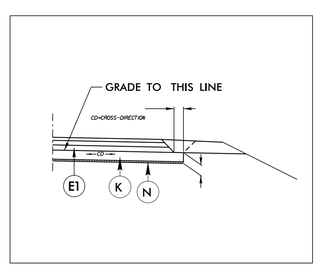


DETAIL FOR TEMPORARY PAVEMENT:
–L– STA. 46+00.00 TO 47+20.00 LT
–Y2– STA. 14+64.80 TO 17+27.00 LT



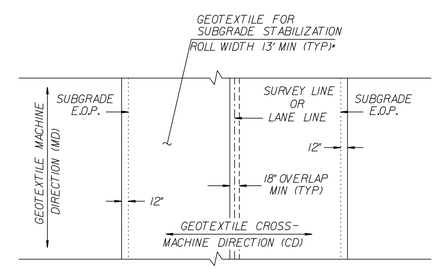
GEOTEXTILE FOR AGGREGATE SUBGRADE STABILIZATION FOR CG WITH ASHALT BASE

–L– STA. 20+25.00 TO 23+25.00 LT/RT



GEOTEXTILE FOR AGGREGATE SUBGRADE STABILIZATION FOR SHOULDER WITH ASPHALT BASE

–Y4– STA. 32+98.00 TO 38+73.00 LT/RT



GEOTEXTILE FOR SUBGRADE STABILIZATION PLACEMENT (PLAN VIEW)

(100% COVERAGE REQUIRED)

*INSTALL GEOTEXTILE FOR SUBGRADE STABILIZATION WITH MINIMUM ROLL WIDTH UNDER ROADWAY EDGES AND SHOULDERS ADJACENT TO FILL SLOPES

3/25/2025
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ISO to pdf dgn