DocuSign Envelope ID: FC3DBEBF-B6E7-4DBB-8B5B-A93A31D9596D

6/2/99

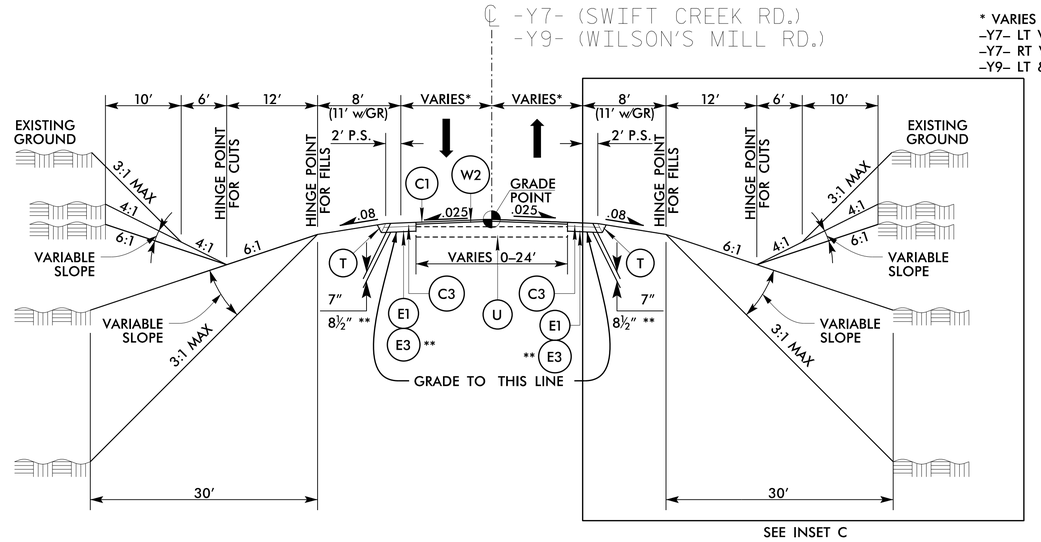
WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
Bus: 919 851 8077
Fax: 919 851 8107
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT REFERENCE NO.	SHEET NO.
W-5600	2A-3

ROADWAY DESIGN ENGINEER
2/23/2021
NORTH CAROLINA PROFESSIONAL SEAL 35016 ENGINEER JONATHAN C. HEFNER
DocuSigned by: Jonathan C. Hefner

PAVEMENT DESIGN ENGINEER
2/23/2021
NORTH CAROLINA PROFESSIONAL SEAL 44590 ENGINEER ANDREW D. WARD
DocuSigned by: Andrew D. Ward

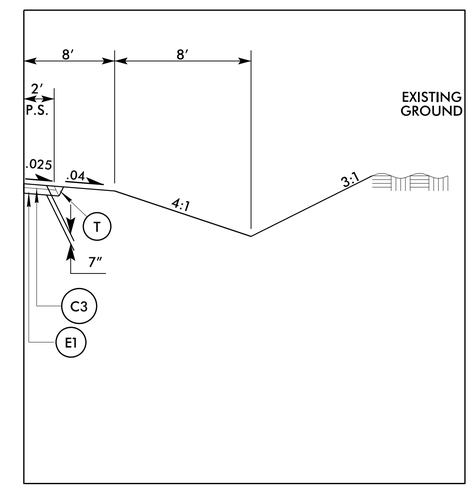


TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3

–Y7– STA. 14+20.00 TO –Y7– STA. 26+04.66 (BEGIN BRIDGE)
–Y7– STA. 27+99.16 (END BRIDGE) TO –Y7– STA. 39+00.00
**–Y9– STA. 14+90.00 TO –Y9– STA. 19+31.79
**–Y9– STA. 22+58.24 TO –Y9– STA. 28+00.00

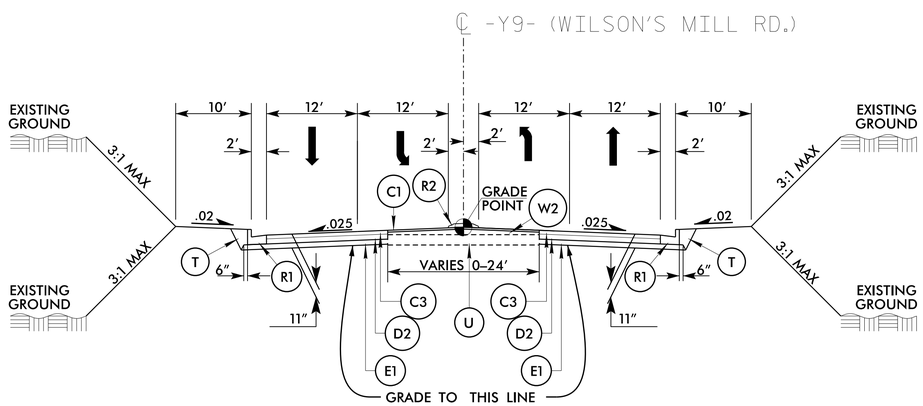
* VARIES AS FOLLOWS:
–Y7– LT VARIES FROM 12′ TO 20′
–Y7– RT VARIES FROM 12′ TO 32′
–Y9– LT & RT VARIES FROM 12′ TO 38′



INSET C

USE INSET C IN CONJUNCTION WITH TYPICAL SECTION NO. 3

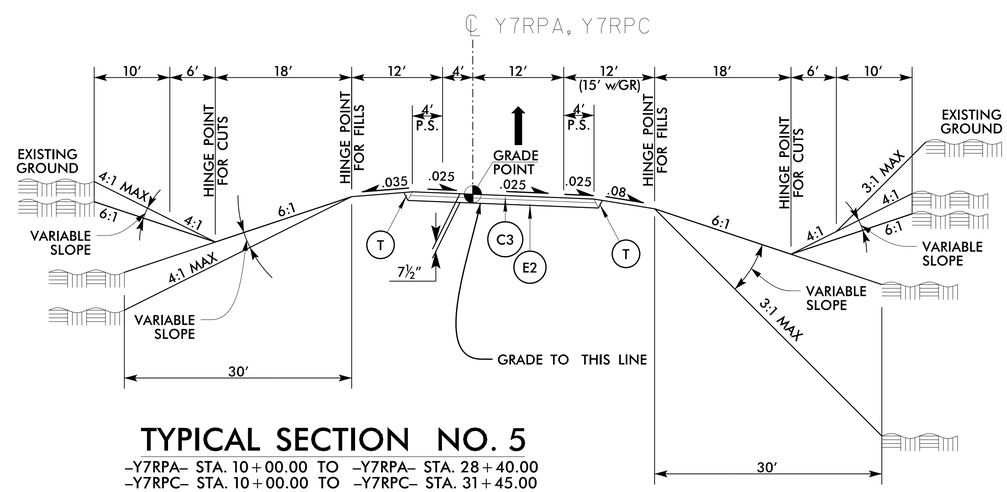
–Y7– STA. 14+20.00 TO –Y7– STA. 19+50.00 RT SIDE ONLY



TYPICAL SECTION NO. 4

USE TYPICAL SECTION NO. 4

–Y9– STA. 19+31.79 TO –Y9– STA. 22+58.24



TYPICAL SECTION NO. 5

–Y7RPA– STA. 10+00.00 TO –Y7RPA– STA. 28+40.00
–Y7RPC– STA. 10+00.00 TO –Y7RPC– STA. 31+45.00

PAVEMENT SCHEDULE (FINAL PAVEMENT DESIGN)	
C1	1½″ S9.5B
C2	1½″ S9.5D
C3	3″ S9.5B
C4	3″ S9.5D
C5	VAR. S9.5B
C6	VAR. S9.5D
D1	2½″ I19.0C
D2	4″ I19.0C
D3	VAR. I19.0C
E1	4″ B25.0C
E2	4½″ B25.0C
E3	5½″ B25.0C
E4	7″ B25.0C
E5	8″ B25.0C
E6	VAR. B25.0C
J1	8″ ABC
R1	2′-6″ C & G
R2	5″ MCI
R3	DOUBLE FACE CONC. BARRIER
S	4″ SIDEWALK
T	EARTH MATERIAL
U	EXIST. PAVEMENT
V1	2½″ MILLING
V2	2½″ TO 4″ VAR. MILLING
W1	WEDGING
W2	WEDGING
Y	MILLED RUMBLE STRIPS

2/23/2021
W-5600_2a-3-typ-dy.psh, 02A-03-typ.dgn
USER: HEFNER