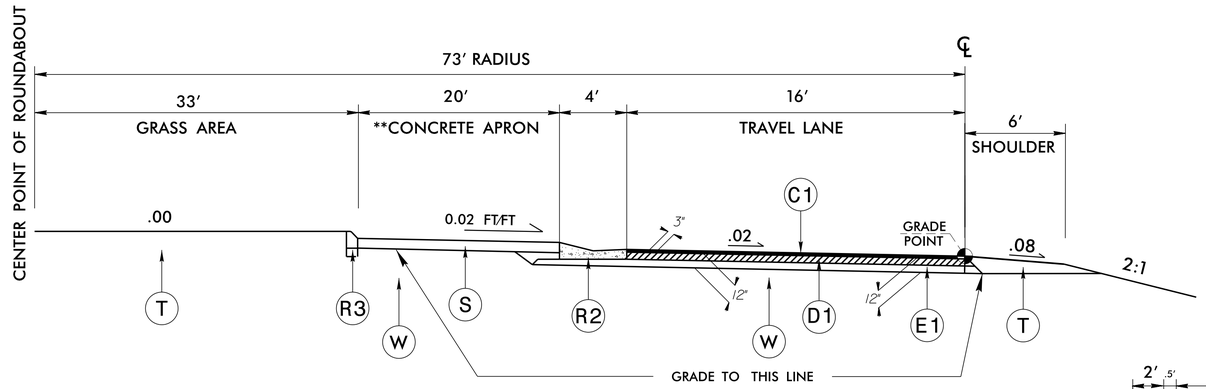
PROJECT REFERENCE NO.	SHEET NO.
R-5755	2
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

NORTH CAROLINA PROFESSIONAL SEAL 028951 ENGINEER JOSEPH L. LAWS

DocuSigned by: Joseph L. Laws 9/8/2017

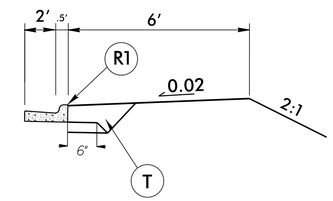
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



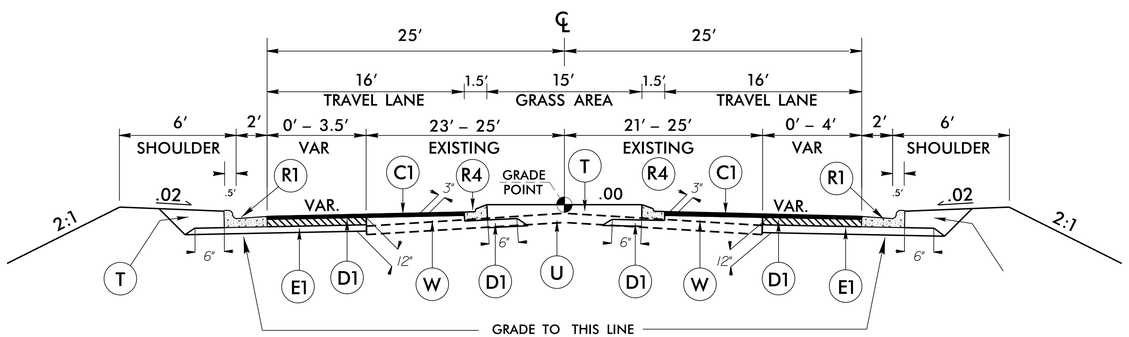
ROUNDABOUT TYPICAL SECTION NO. 1

–R– STA 10+00.00 TO STA 14+58.66*

**7″ JOINTED PLAIN CONCRETE REINFORCED WITH 4X4 W3.5 X W3.5 OR 6X6 W5 X W5 WIRE MESH. CONSTRUCT THE APRON IN TWO 10 FT. WITHS AND TIE TOGETHER THE ADJACENT SLABS. JOINT SPACING SHALL BE 10 FT., MEASURED ALONG THE LONGITUDINAL JOINTS BETWEEN SLAB.

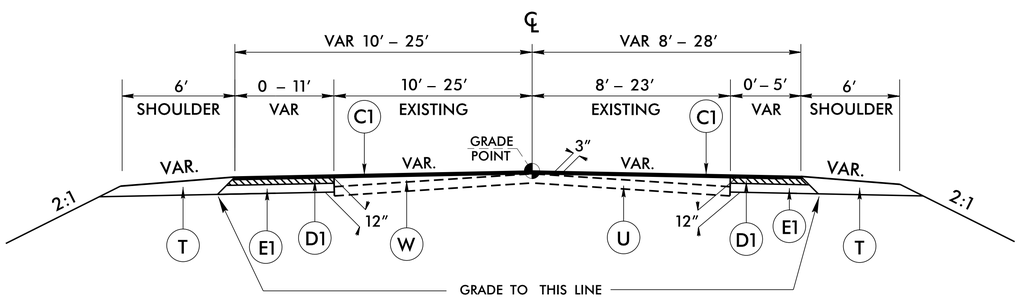


*–R– STA. 12+88.00 RT TO STA. 13+18.00 RT
*–R– STA. 13+69.00 RT TO STA. 14+12.00 RT



TYPICAL SECTION NO. 2

–Y1– STA. 13+00.00 TO STA. 14+65.00



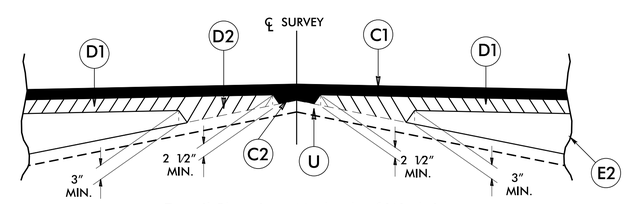
TYPICAL SECTION NO. 3

–Y1– STA. 12+50.00 TO STA. 13+00.00
–Y3– STA. 10+00.00 TO STA. 11+00.00
–Y5– STA. 11+92.00 TO STA. 13+00.00

PAVEMENT SCHEDULE

C1	PROP. APPROX. 3″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1″ DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 1½″ IN DEPTH.
D1	PROP. APPROX. 4″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE I19.0B, 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.
E1	PROP. APPROX. 5″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0, 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.
R1	2′ - 6″ CONCRETE CURB AND GUTTER
R2	4′ EXPRESSWAY GUTTER
R3	9″ X 18″ CONCRETE CURB
R4	1′ - 6″ CONCRETE CURB AND GUTTER
S	7″ CONCRETE APRON
T	EARTH MATERIAL
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAIL)
U	EXISTING PAVEMENT

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



Detail Showing Method of Wedging

6/2/99
07-MAR-2017 07:56
R:\Roadway\Proj\R5755_Rdy_typ_DDC.dgn
$$$$USERNAME$$$$