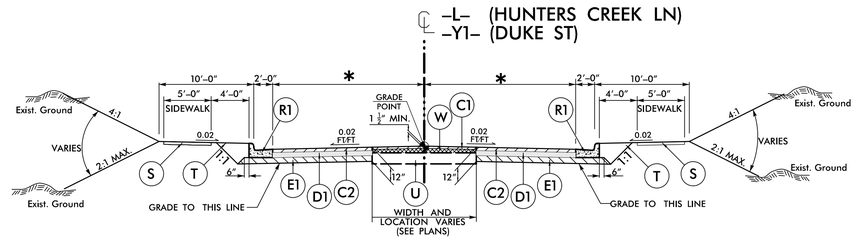
DocuSign Envelope ID: 5E5BA466-1BB3-403C-885E-FEBC45E19F26

6/2/99

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1 ½" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
C3	PROP. APPROX. 2" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.
D1	PROP. APPROX. 4" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, 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 B25.0C AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, 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.
J1	PROP. 10" AGGREGATE BASE COURSE.
J2	PROP. 4" AGGREGATE BASE COURSE.
J3	PROP. 8" AGGREGATE BASE COURSE.
P1	PRIME COAT AT THE RATE OF .35 GAL. PER SQ. YD.
R1	2'-6" CONCRETE CURB AND GUTTER.
R2	EXPRESSWAY GUTTER
R3	7" MONOLITHIC CONCRETE TRUCK APRON.
R4	9" X 18" CONCRETE CURB
R5	5" MONOLITHIC CONCRETE ISLAND
S	CONCRETE SIDEWALK.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING EXISTING PAVEMENT, SEE THIS SHEET FOR DETAIL
W	WEDGING EXISTING PAVEMENT, SEE THIS SHEET FOR DETAILS

PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.



TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1

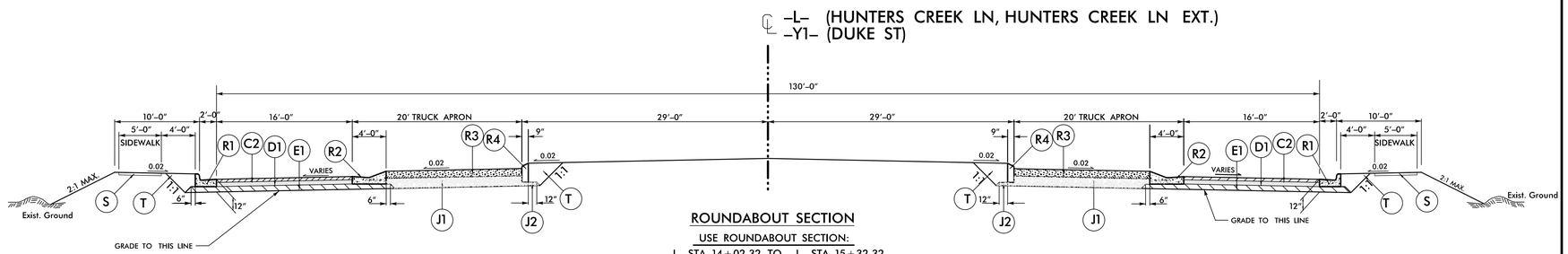
*	STA. TO STA.
11'–0"	–L– STA. 11+90.00 TO –L– STA. 12+02.00
11'–0" TO 15'–0"	–L– STA. 12+02.00 TO –L– STA. 13+02.00
VARIES (SEE PLANS)	–L– STA. 13+02.00 TO –L– STA. 14+02.32 –Y1– STA. 12+38.11 TO –Y1– STA. 13+16.53 RT –Y1– STA. 12+34.49 TO –Y1– STA. 13+16.53 LT –Y1– STA. 14+46.53 TO –Y1– STA. 15+23.94 RT –Y1– STA. 14+46.53 TO –Y1– STA. 15+33.63 LT
TAPER FROM EXISTING TO 15'–0"	–Y1– STA. 10+45.00 TO –Y1– STA. 11+61.31 RT –Y1– STA. 10+45.00 TO –Y1– STA. 11+33.19 LT –Y1– STA. 15+48.00 TO –Y1– STA. 17+00.00
15'–0"	–Y1– STA. 11+61.31 TO –Y1– STA. 12+38.11 RT –Y1– STA. 11+33.19 TO –Y1– STA. 12+34.49 LT –Y1– STA . 15+23.94 TO –Y1– STA. 15+48.00 RT –Y1– STA 15+33.63 TO –Y1– STA. 15+48.00 LT

NOTE: USE FULL DEPTH PAVEMENT FROM –Y1– STA. 14+46.53 TO –Y1– STA 15+25

PROJECT REFERENCE NO.	SHEET NO.
U-5776	2A-1
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

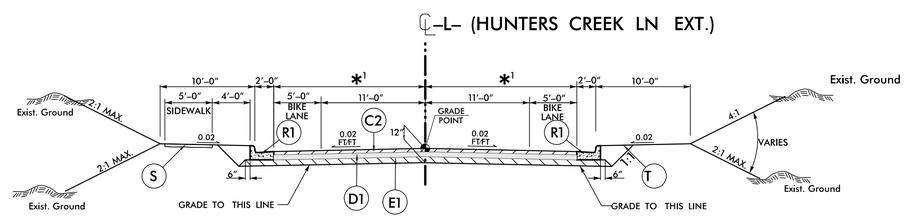
TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275



ROUNDABOUT SECTION

USE ROUNDABOUT SECTION:

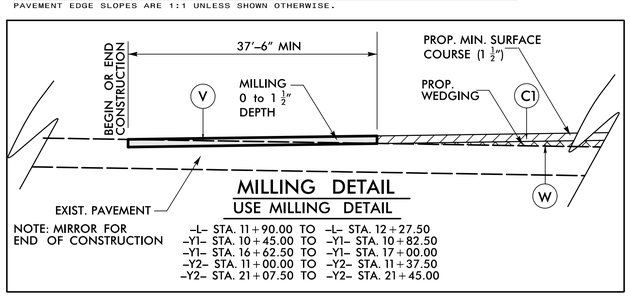
–L– STA. 14+02.32 TO –L– STA. 15+32.32
–Y1– STA. 13+16.53 TO –Y1– STA. 14+46.53



TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3

*1	STA. TO STA.
VARIES (SEE PLANS)	–L– STA. 15+32.32 TO –L– STA. 16+30.00
15'–0" TO 16'–0"	–L– STA. 16+30.00 TO –L– STA. 17+30.00
16'–0"	–L– STA. 17+30.00 TO –L– STA. 19+59.33 RT –L– STA.19+86.37 TO –L– STA. 20+40.00 RT –L– STA. 17+30.00 TO –L– STA. 19+59.33 LT –L– STA.19+86.37 TO –L– STA. 20+40.00 LT
16'–0' TO 27'–0"	–L– STA. 20+40.00 TO –L– STA. 21+40.00 RT
27'–0"	–L– STA. 21+40.00 TO –L– STA. 23+58.30 RT

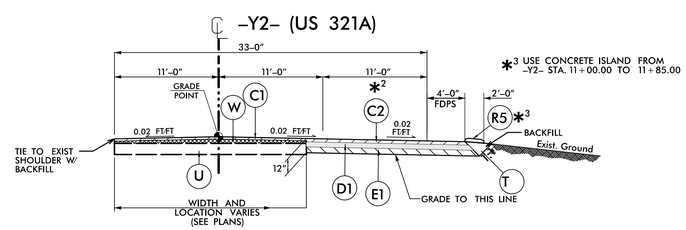


MILLING DETAIL

USE MILLING DETAIL

NOTE: MIRROR FOR END OF CONSTRUCTION

–L– STA. 11+90.00 TO –L– STA. 12+27.50
–Y1– STA. 10+45.00 TO –Y1– STA. 10+82.50
–Y1– STA. 16+62.50 TO –Y1– STA. 17+00.00
–Y2– STA. 11+00.00 TO –Y2– STA. 11+37.50
–Y2– STA. 21+07.50 TO –Y2– STA. 21+45.00

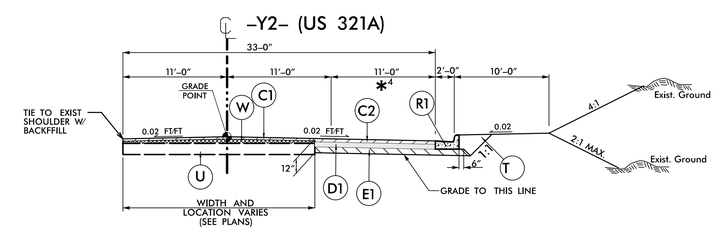


TYPICAL SECTION NO. 4

USE TYPICAL SECTION NO. 4

–Y2– STA. 11+00.00 TO –Y2– STA. 12+80.37

*2 WIDTH VARIES FROM 11'–0" TO 14'–11"
–Y2– STA. 12+45.00 TO 12+80.37

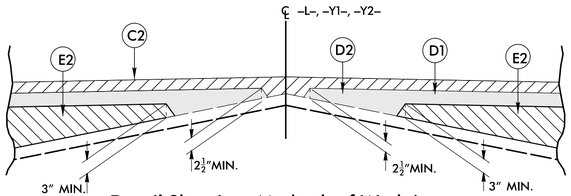


TYPICAL SECTION NO. 5

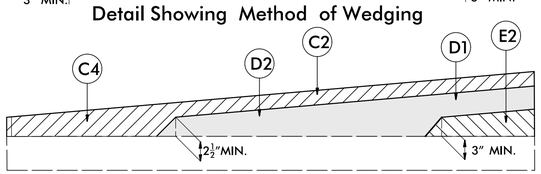
USE TYPICAL SECTION NO. 5

–Y2– STA. 12+80.37 TO –Y2– STA. 21+45.00

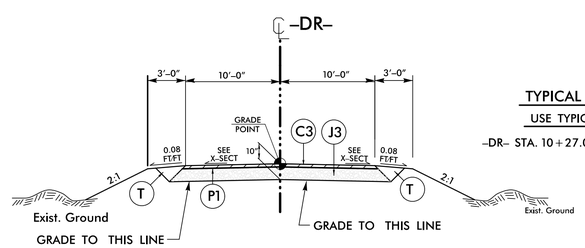
*4 WIDTH VARIES FROM 14'–11" TO 22'–0"
–Y2– STA. 12+80.37 TO 15+23.97



Detail Showing Method of Wedging



Wedging Detail For Resurfacing



TYPICAL SECTION NO. 6

USE TYPICAL SECTION NO. 6

–DR– STA. 10+27.00 TO –DR– STA. 10+76.57

6/14/2018
R:\NCDOT\U-5776\Roadway\Proj\U-5776_Rdy_typ.dgn
(jsessoms)VID