PROJECT REFERENCE NO.	SHEET NO.
R-5115	2A-1

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 018903 ENGINEER GREGORY E. BRENT
8/25/2014

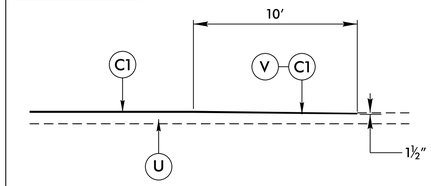
PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 013368 ENGINEER DON-CHI CHEN
DocuSigned by: Don-chi Chen 8/21/2014
F5A34BED43D5420...

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.	R1	5" MONOLITHIC ISLAND.
C2	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.	R2	SHOULDER BERM GUTTER.
E1	PROP. APPROX. 5.5" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YD.	T	EARTH MATERIAL.
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, 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 5.5" IN DEPTH.	U	EXISTING PAVEMENT.
		V	INCIDENTAL MILLING

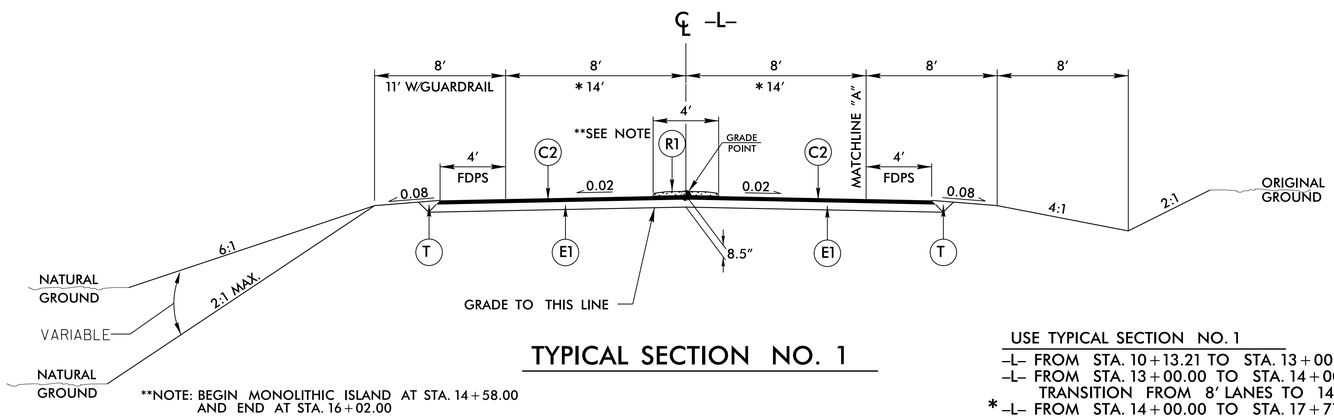
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

INSERT "B"



DETAIL FOR THE TAPERING OF PAVEMENT AT END OF PAVEMENT OVERLAY

USE INSERT "B" IN CONJUNCTION WITH TYP. SECT. NO. 2

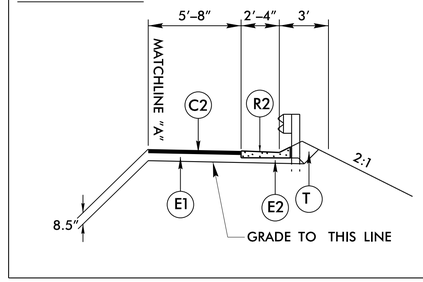


**NOTE: BEGIN MONOLITHIC ISLAND AT STA. 14+58.00 AND END AT STA. 16+02.00

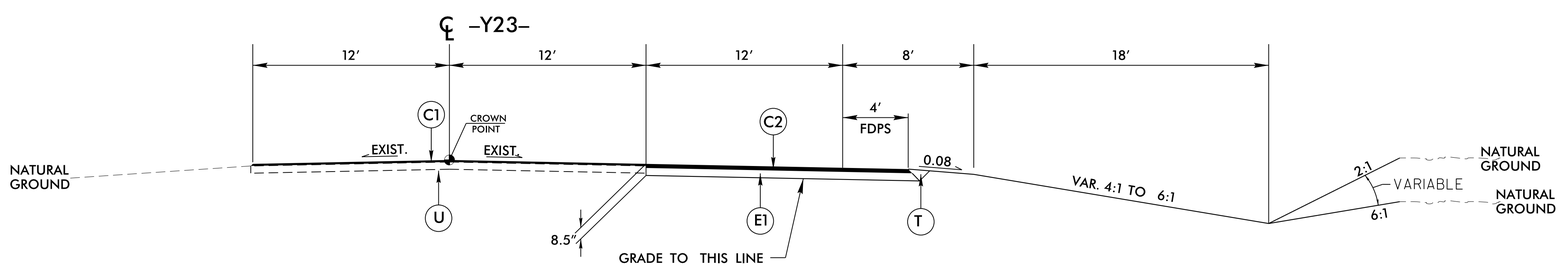
TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1
-L- FROM STA. 10+13.21 TO STA. 13+00.00
-L- FROM STA. 13+00.00 TO STA. 14+00.00, TRANSITION FROM 8' LANES TO 14' LANES
* -L- FROM STA. 14+00.00 TO STA. 17+71.41

INSERT "A"



USE INSERT "A" IN CONJUNCTION WITH TYP. SECT. NO. 1 FROM -L- STA. 14+00.00 RT. TO -L- STA. 17+13.00 RT.



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
-Y23- FROM STA. 13+50.00 TO STA. 14+68.56, OVERLAY EXISTING PAVEMENT WITH 1½" ONLY.
-Y23- FROM STA. 14+68.56 TO STA. 15+45.00, TRANSITION EXISTING TO TYP. SECT. NO. 2
-Y23- FROM STA. 15+45.00 TO STA. 18+52.81

6/2/99

19-AUG-2014 15:14
R:\Roadway\Proj\R5115_Rdy_typ.dgn
$$$$USERNAME$$$$