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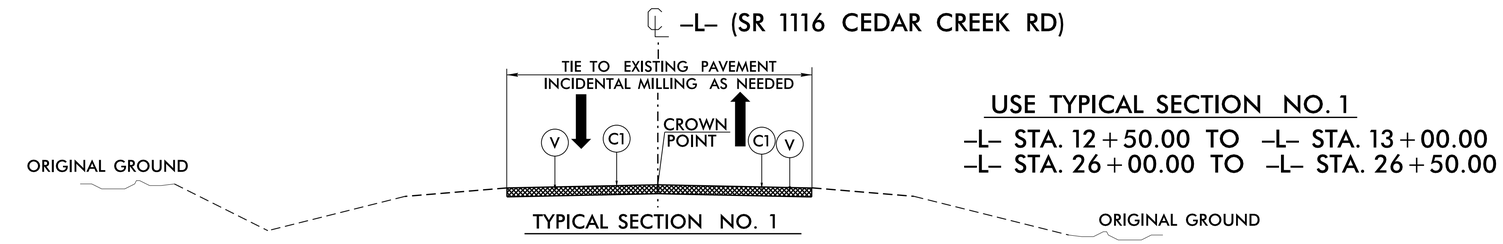
6/2/99

PROJECT REFERENCE NO.	SHEET NO.
B-5325	2A-1

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 22610 ENGINEER BRUCE B. PAYNE, JR.
DocuSigned by: Bruce B. Payne, Jr., PE 9/8/2014

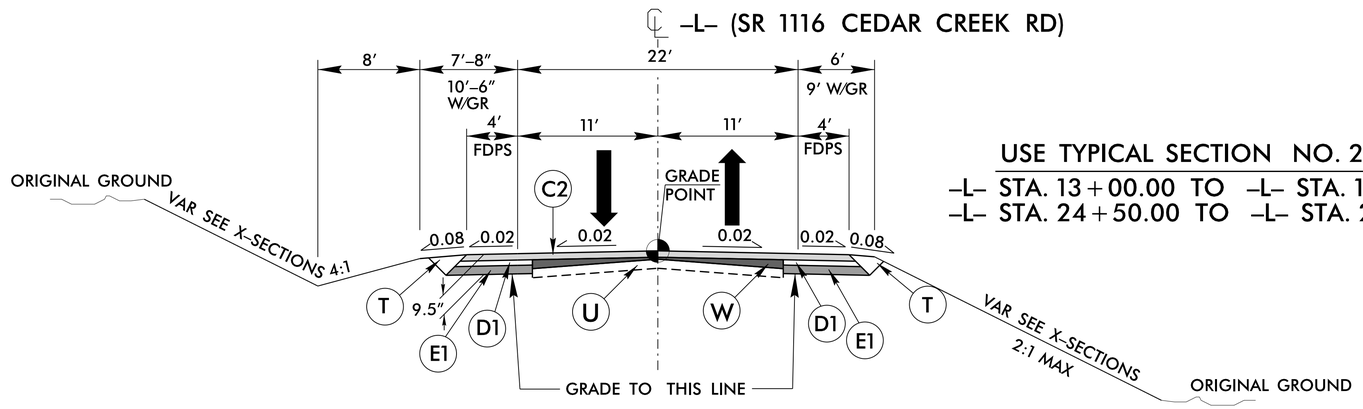
PAVEMENT DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 022896 ENGINEER CLARK S. MORRISON
DocuSigned by: Clark S Morrison 9/8/2014



TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1

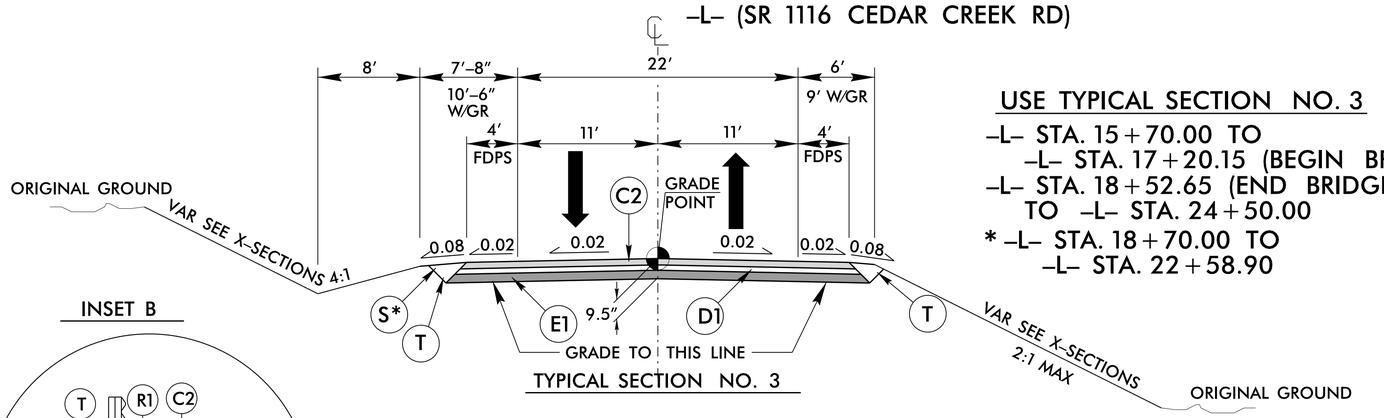
–L– STA. 12+50.00 TO –L– STA. 13+00.00
–L– STA. 26+00.00 TO –L– STA. 26+50.00



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2

–L– STA. 13+00.00 TO –L– STA. 15+70.00
–L– STA. 24+50.00 TO –L– STA. 26+00.00

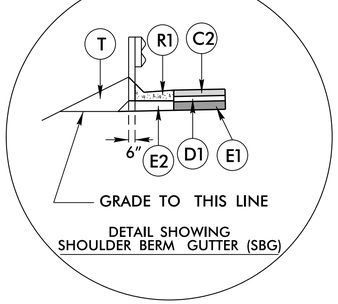


TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3

–L– STA. 15+70.00 TO
–L– STA. 17+20.15 (BEGIN BRIDGE)
–L– STA. 18+52.65 (END BRIDGE)
TO –L– STA. 24+50.00
* –L– STA. 18+70.00 TO
–L– STA. 22+58.90

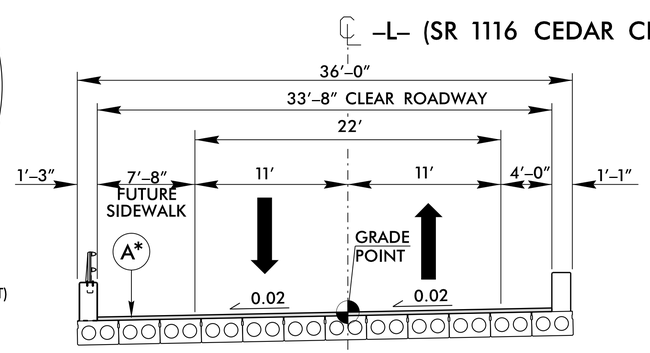
INSET B



DETAIL SHOWING SHOULDER BERM GUTTER (SBG)

USE INSET B W/TYPICAL NO. 3

–L– STA. 18+63.65 TO –L– STA. 18+70.00 (LT)



TYPICAL SECTION NO. 4
CONCRETE WEARING SURFACE (STRUCTURES PAY ITEM)

USE TYPICAL SECTION NO. 4

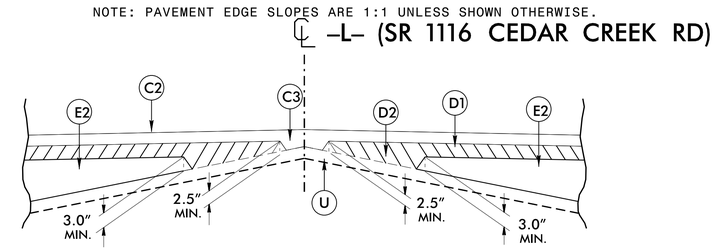
–L– STA. 17+20.15 (BEGIN BRIDGE) TO
–L– STA. 18+52.65 (END BRIDGE)

* 4″ DEPTH @ CL OF SPAN A AND C
7.5″ DEPTH @ CL OF SPAN B

PAVEMENT SCHEDULE
(FINAL PAVEMENT DESIGN MARCH 20, 2013)

A	VARIABLE DEPTH PORTLAND CEMENT CONCRETE (STRUCTURE PAY ITEM).
C1	PROP. APPROX. 1.5″ ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
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.
C3	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 LESS THAN 1.5″ IN DEPTH OR GREATER THAN 2″ DEPTH.
D1	PROP. APPROX. 2.5″ ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0B, AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. VAR. DEPTH ASPHALT CONCRETE INTERMEDIATE 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 2.5″ OR GREATER THAN 4″ DEPTH.
E1	PROP. APPROX. 4″ ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
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″ OR GREATER THAN 5 1/2″ DEPTH
R1	SHOULDER BERM GUTTER.
R2	SHOULDER BERM CURB.
S	AGGREGATE SHOULDER BORROW.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	INCIDENTAL MILLING.
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE DETAIL SHOWING METHOD OF WEDGING).

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



Detail Showing Method of Wedging

03-SEP-2014 17:28
R:\Roadway\Proj\B5325_Rdy_typ.dgn
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