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6/2/99

MACON COUNTY
BRIDGE #550043

PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.210	2A-1
ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER

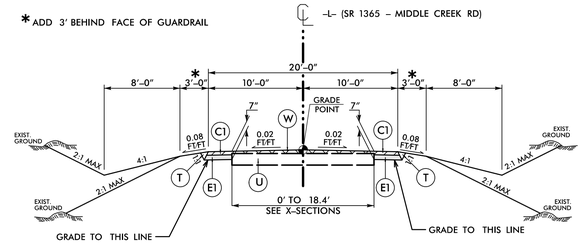
NORTH CAROLINA PROFESSIONAL SEAL 35018 ENGINEER JIMMY L. TERRY
7/30/2019

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

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 165 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 110 LBS. PER SQ. YD. PER 1" DEPTH. TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E2	PROP. APPROX. 8" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD. IN EACH OF TWO LAYERS.
E3	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.
R1	SHOULDER BERM GUTTER
T	EARTH MATERIAL
U	EXISTING PAVEMENT
W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE WEDGING DETAILS THIS SHEET)

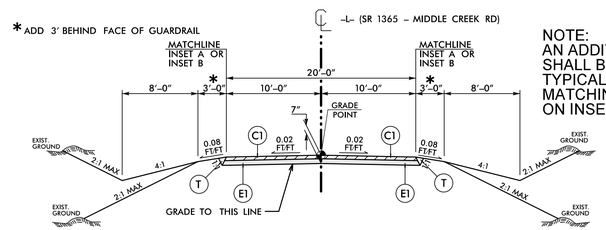
PAVEMENT EDGE SLOPES ARE 1:1 UNLESS OTHERWISE SHOWN.



TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1
-L- STA. 11+05.00 TO -L- STA. 12+05.36
-L- STA. 17+90.16 TO -L- STA. 20+00.00

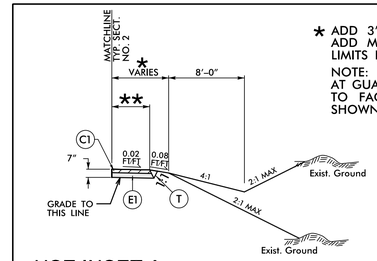
NOTE: TRANSITION BETWEEN EXISTING AND TYP. SECT. NO.1 AS FOLLOWS:
-L- STA. 10+55.00 TO -L- STA. 11+05.00
-L- STA. 20+00.00 TO -L- STA. 20+50.00



NOTE:
AN ADDITIONAL LAYER OF 4" B25.0C SHALL BE PLACED UNDER TYPICAL SECTION NO.2 MATCHING THE STATIONS ON INSET B

TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
-L- STA. 12+05.36 TO -L- STA. 15+52.20 (BEGIN BRIDGE)
-L- STA. 16+39.80 (END BRIDGE) TO 17+90.16



* ADD 3' FOR GUARDRAIL LOCATIONS ADD MINIMUM 2' PAST PAVED SHOULDER LIMITS FOR ALL OTHER LOCATIONS

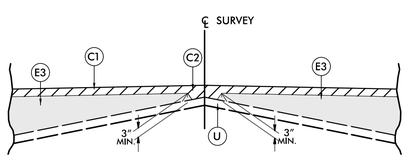
NOTE:
AT GUARDRAIL LOCATIONS PAVE TO FACE OF GUARDRAIL UNLESS SHOWN OTHERWISE ON PLANS.

INSET A

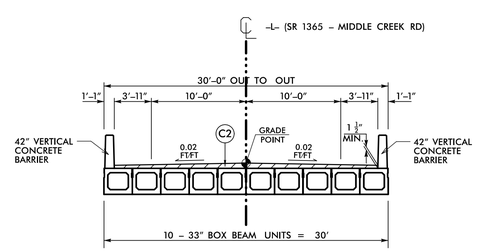
USE INSET A

** 0'-0" TO 4'-6"

-L- STA. 14+48.00 TO -L- STA. 15+12.92 LT (BEGIN SBG)
-L- STA. 14+64.00 TO -L- STA. 15+28.99 RT (BEGIN SBG)
-L- STA. 16+42.47 (END APPROACH SLAB) TO -L- STA. 17+21.68 LT
-L- STA. 16+58.53 (END APPROACH SLAB) TO -L- STA. 17+37.75 RT

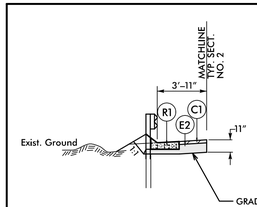


Detail Showing Method of Wedging



TYPICAL SECTION NO. 3

USE TYPICAL SECTION NO. 3
-L- STA. 15+52.20 TO -L- STA. 16+39.80



INSET B

USE INSET B

-L- STA. 15+12.92 TO -L- STA. 15+33.47 LT (BEGIN APPROACH SLAB)
-L- STA. 15+28.99 TO -L- STA. 15+49.53 RT (BEGIN APPROACH SLAB)

7/29/2019
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