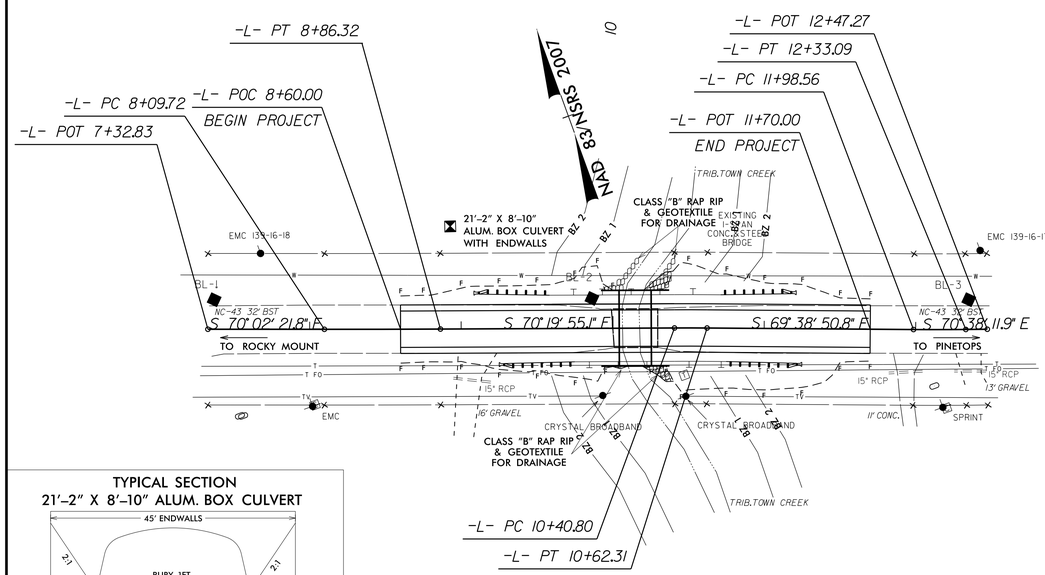
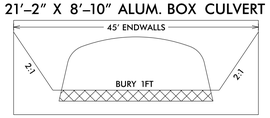
HP4500

PI Sta 8+48.02	PI Sta 10+51.56	PI Sta 12+15.82
Δ = 0° 17' 33.3" (LT)	Δ = 0° 41' 04.3" (RT)	Δ = 0° 59' 21.1" (LT)
D = 0° 22' 55.1"	D = 3° 10' 59.2"	D = 2° 51' 53.2"
L = 76.60'	L = 21.51'	L = 34.53'
T = 38.30'	T = 10.75'	T = 17.27'
R = 15,000.00'	R = 1,800.00'	R = 2,000.00'



TYPICAL SECTION
21'-2" X 8'-10" ALUM. BOX CULVERT



INLET INV. ELEV. = 67.04'
OUTLET INV. ELEV. = 66.66'
SLOPE = 0.75%
LENGTH = 50FT
SKEW = 90°
℄ STATION = 10+14.90

(NOT TO SCALE)

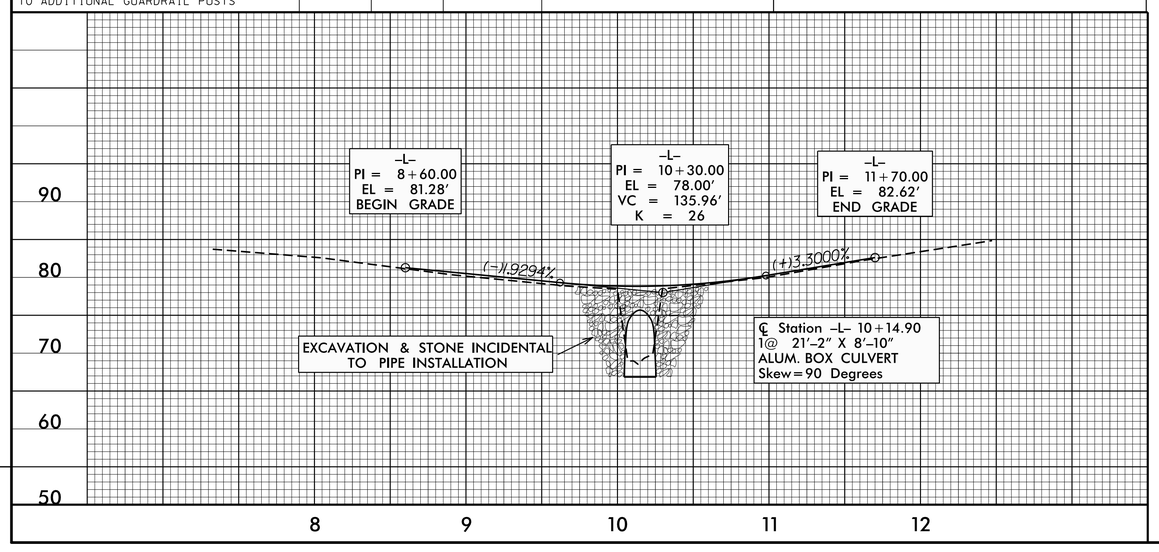
GUARDRAIL DATA						
STATION				DIST	ANCHORS	
BEGIN	END	LOC	LENGTH	FROM EOT	GRAU350	NOTES
9+08.50	11+21.00	LT	212.5	10	2	
9+25.00	11+25.00	RT	200.0	10	2	
SUBTOTAL			412.5		4	
		GRAU350 4*50	-200.0			
25' CLEAR SPAN GUARDRAIL SECTION						
		2*100	-200.0			
TOTAL			12.5		4	
10 ADDITIONAL GUARDRAIL POSTS						

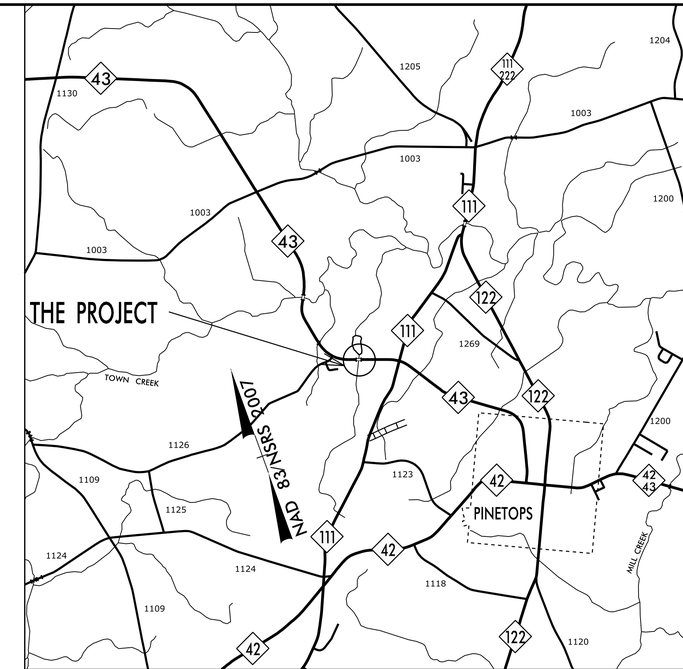
POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1	753251.2020	2398511.7989	82.31	10+04.09	19.45 LT
2	BL-2	753166.9820	2398746.5000	77.67	12+53.55	19.70 LT
3	BL-3	753081.4213	2398980.0389	83.63	15+02.38	19.59 LT

****
1331 ELEVATION = 76.42
N 753244 E 2398675
L STATION 11+60.00 68 LEFT
BM#1 RR SPIKE IN BASE OF 24" POPLAR
****

DATUM DESCRIPTION

THE COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "BL-2"
WITH NAD 1983/2007 STATE PLANE GRID COORDINATES OF NORTHING: 753166.982(ft) EASTING: 2398746.500(ft)
GROUND DISTANCES IN FIELD WERE USED TO DETERMINE COORDINATES FOR "BL-1" AND "BL-3"
VERTICAL DATUM USED IS NAVD 88





VICINITY MAP

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS
EDGECOMBE COUNTY

LOCATION: BRIDGE NO. 320026 OVER TOWN CREEK ON NC 43

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND CULVERT

STATE	BRIDGE NUMBER	CONTRACT	SHEET NO.
N.C.	320026	DD00142B	4

STATE PROJ. NO.	F. A. PROJ. NO.	DESCRIPTION
17BP.4.R.10		PE,CONST.

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 18537 ENGINEER JERRY P. PAGE
DocuSigned by: 2/25/2015
4A9AFDAB1B57A0A...

HYDRAULICS ENGINEER (CULVERT SIZE)
NORTH CAROLINA PROFESSIONAL SEAL 15833 ENGINEER JERRY L. LINDSEY
DocuSigned by: 2/25/2015
Jerry Lindsey
C8B3B3D3D8A4A3E...

GRAPHIC SCALES
50 25 0 50 PLANS
50 25 0 50 PROFILE (HORIZONTAL)
10 5 0 10 PROFILE (VERTICAL)

Prepared in the Office of:
DIVISION OF HIGHWAYS
Division 4 DDC
509 Ward Blvd., Wilson NC, 27895

2012 STANDARD SPECIFICATIONS

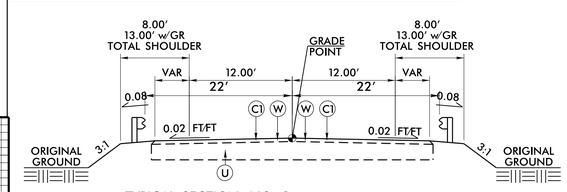
LETTING DATE: MARCH 24, 2015

T.M. LITTLE, P.E.
PROJECT ENGINEER
D.R. ETHRIDGE
PROJECT DESIGN ENGINEER

PAVEMENT SCHEDULE

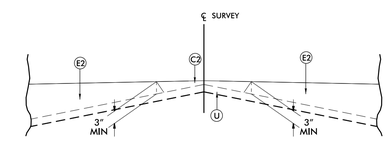
C1	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD.	U	EXISTING PAVEMENT
C2	PROP. VAR. DEPTH ASPHALT CONCRETE SURFACE COURSE TYPE S9.5B, AT AN AVERAGE RATE OF 112 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT TO EXCEED 2" IN DEPTH.	T	EARTH MATERIAL
E1	PROP. APPROX. 4" ASPHALT CONCRETE BASE COURSE, TYPE B25.0B, AT AN AVERAGE RATE OF 456 LBS. PER SQ. YARD.	W	VARIABLE DEPTH ASPHALT PAVEMENT (SEE DETAIL SHOWING METHOD OF WEDGING ON THIS SHEET)
E2	PROP. VAR. DEPTH ASPHALT CONCRETE BASE COURSE TYPE B25.0B, AT AN AVERAGE RATE OF 114 LBS. PER SQ. YARD PER 1" DEPTH TO BE PLACED IN LAYERS NOT LESS THAN 3" OR GREATER THAN 5.5" IN DEPTH.		

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

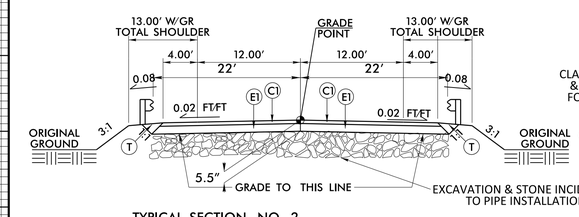


TYPICAL SECTION NO. 1

USE TYPICAL SECTION NO. 1
-L- 8+60 TO 9+60
-L- 10+70 TO 11+70

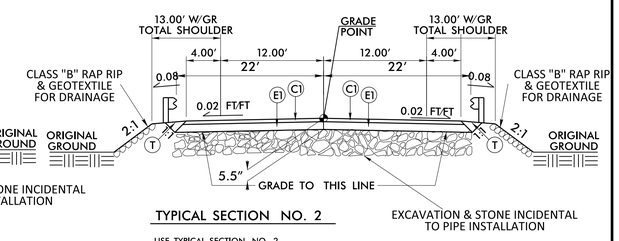


Detail Showing Method of Wedging



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
-L- 9+60 TO 9+95
-L- 10+45 TO 10+70



TYPICAL SECTION NO. 2

USE TYPICAL SECTION NO. 2
-L- 9+95 TO 10+45

REVISIONS

24-FEB-2015 11:46
R:\Roadway\Proj\320026_ddc4_PSH.dgn
$$$$USERNAME$$$$