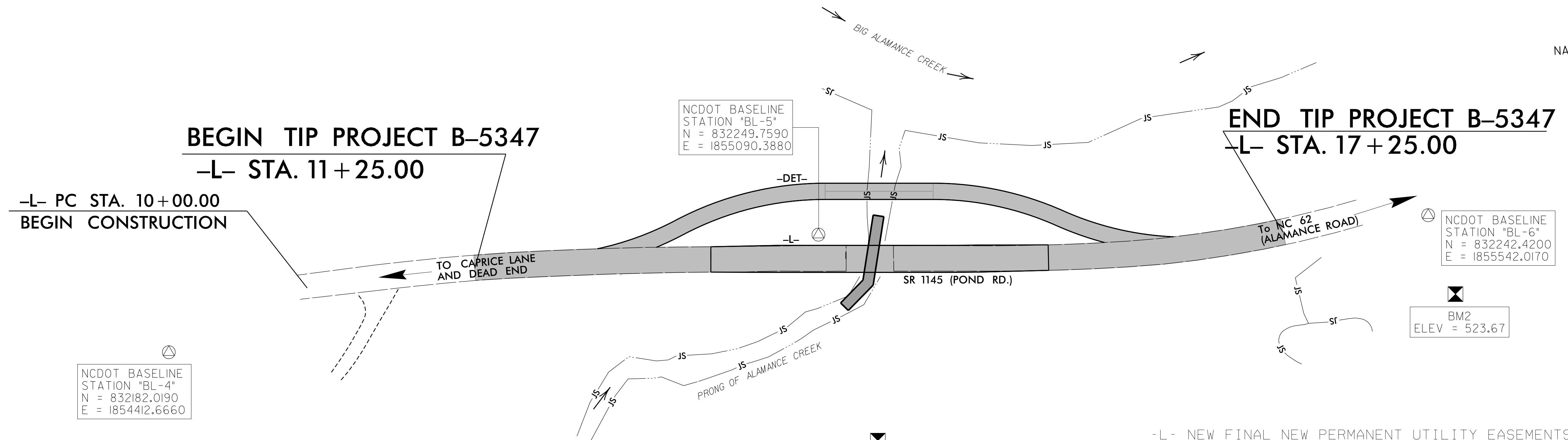


12/01/2005

B-5347 SURVEY CONTROL SHEET

PROJECT REFERENCE NO.	SHEET NO.
B-5347	1C-1
Location and Surveys	



NCDOT BASELINE STATION "BL-4"
N = 832182.0190
E = 1854412.6660

NCDOT BASELINE STATION "BL-5"
N = 832249.7590
E = 1855090.3880

NCDOT BASELINE STATION "BL-6"
N = 832242.4200
E = 1855542.0170

BM2
ELEV = 523.67

BM1
ELEV = 515.66

-L- NEW FINAL DRAINAGE UTILITY EASEMENT

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+25.00	30.00	832207.82805	1855033.16514
L	13+25.00	50.00	832187.85787	1855032.07337
L	14+40.00	66.00	832165.60407	1855146.02849
L	14+61.62	60.00	832170.41492	1855167.94378
L	15+00.00	30.00	832198.47025	1855208.24551

-L- NEW FINAL PERMANENT DRAINAGE EASEMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	13+80.00	-60.00	832294.6915	1855092.9961
L	13+80.00	-30.00	832264.7362	1855091.3584
L	14+61.71	-30.00	832260.2760	1855172.9441
L	14+61.62	-60.00	832290.2360	1855174.4944

L

TYPE	STATION	NORTH	EAST
PC	10+00.00	832233.9539	1854710.1829
PCC	10+96.99	832240.8649	1854806.9049
PT	13+01.56	832239.0630	1855011.3951
PC	14+61.62	832230.3255	1855171.2186
PCC	15+84.01	832225.7949	1855293.5216
PT	17+83.45	832247.2733	1855491.2540

-L- NEW FINAL NEW PERMANENT UTILITY EASEMENTS

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+00.00	30.00	832204.12122	1854713.34705
L	10+00.00	60.00	832174.28856	1854716.51124
L	11+61.00	70.00	832172.31768	1854871.48149
L	16+02.00	30.00	832195.65207	1855311.61547
L	15+01.61	72.29	832156.14919	1855208.04480
L	15+04.50	89.91	832138.41900	1855210.24721
L	14+93.00	92.00	832136.84941	1855198.36617
L	14+91.00	80.00	832148.93079	1855196.86930

BASELINE DATA

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	B5347-1	830830.7330	1853021.4640	597.40	OUTSIDE PROJECT LIMITS	
2	B5347-2	831354.5510	1853493.6660	596.00	OUTSIDE PROJECT LIMITS	
3	BL-3	831838.6020	1853859.0300	582.97	OUTSIDE PROJECT LIMITS	
4	BL-4	832182.0190	1854412.6660	535.81	OUTSIDE PROJECT LIMITS	
5	BL-5	832249.7590	1855090.3880	507.07	13+79.85	14.99 LT
6	BL-6	832242.4200	1855542.0170	511.38	OUTSIDE PROJECT LIMITS	

NOTES

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
[HTTP://WWW.DOH.DOT.STATE.NC.US/PRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/](http://www.doh.dot.state.nc.us/preconstruct/highway/location/project/)

THE FILES TO BE FOUND ARE AS FOLLOWS:
[b5347_ls_control.txt](#)

SITE CALIBRATION INFORMATION HAS NOT BEEN PROVIDED FOR THIS PROJECT. IF FURTHER INFORMATION IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- ⊙ INDICATES GEODETIC CONTROL MONUMENTS USED OR SET FOR HORIZONTAL PROJECT CONTROL BY THE NCDOT LOCATION AND SURVEYS UNIT.
PROJECT CONTROL ESTABLISHED USING GLOBAL POSITIONING SYSTEM.

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B5347-2" WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF NORTHING: 831354.5510(FT) EASTING: 1853493.6660(FT) ELEVATION: 596.00'(FT)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.9999417698
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B5347-2" TO -L- STATION 11+80.00 IS N 57°32'54" E 1,654.61'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BENCHMARK DATA

.....
BM1 ELEVATION = 515.66
N 832098 E 1855126
BL STATION 31+82.00 151 RIGHT
RR SPIKE IN BASE OF 27' RED OAK
.....
BM2 ELEVATION = 523.67
N 832183 E 1855559
BL STATION 5+00.00
N 61°56'47.76" E DIST 2875.36
RR SPIKE IN BASE OF 18' PINE
.....

NOTE: DRAWING NOT TO SCALE

8/10/2017 8:53:47.LS-1C-1.170209.dgn