

SURVEY CONTROL SHEET B-4448 FINAL

PROJECT REFERENCE NO.	SHEET NO.
B-4448	1C-2
Location and Surveys	

DESIGN ALIGNMENTS

L			
TYPE	STATION	NORTH	EAST
PC	10+00.00	729480.7671	1242782.7946
PT	16+86.70	729713.5204	1243428.4078
PC	43+50.92	730765.5680	1245876.1198
PT	46+38.88	730872.5802	1246143.4162

EBL			
TYPE	STATION	NORTH	EAST
PC	10+00.00	729466.3768	1242787.0276
PT	16+88.50	729699.7394	1243434.3309
PC	43+52.72	730751.7870	1245882.0429
PT	46+39.92	730858.5190	1246148.6396

WBL			
TYPE	STATION	NORTH	EAST
PC	10+00.00	729495.1575	1242778.5616
PT	16+84.90	729727.3014	1243422.4846
PC	43+49.13	730779.3490	1245870.1966
PT	46+37.83	730886.6413	1246138.1928

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	730501.4253	1244253.2592
PC	15+41.02	730056.4298	1244560.9578
PT	19+19.67	729707.0385	1244697.9486
POT	19+44.67	729682.2914	1244701.4954

Y1RPA			
TYPE	STATION	NORTH	EAST
TS	10+00.00	730667.6254	1245549.4804
SC	11+19.99	730621.1974	1245438.8405
CS	13+57.81	730544.4337	1245213.8648
ST	14+77.80	730513.5494	1245097.9213
POT	22+25.62	730327.2973	1244373.6626

Y1RPB			
TYPE	STATION	NORTH	EAST
PC	10+00.00	729716.7641	1243335.6214
CS	13+21.13	729859.3274	1243623.0854
ST	14+41.12	729921.7192	1243725.5745
POT	22+05.79	730325.0161	1244375.2399

Y1RPC			
TYPE	STATION	NORTH	EAST
PC	10+00.00	729638.0917	1243349.3768
CS	11+63.99	729689.1543	1243505.0650
ST	12+83.98	729714.2637	1243622.3835
POT	23+20.87	729913.6041	1244639.9341

Y1RPD			
TYPE	STATION	NORTH	EAST
TS	10+00.00	730626.2140	1245650.6607
SC	11+19.99	730577.0796	1245541.2054
CS	13+15.38	730478.0528	1245373.0009
ST	14+35.37	730406.1869	1245276.9283
POT	22+40.60	729913.6041	1244639.9341

PERMANENT EASEMENT POINTS

PERMANENT EASEMENT-E REBAR & CAP				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	18+41.55	17.00	729779.7244	1244666.6716
Y1	18+52.00	55.00	729761.2807	1244631.9777

PERMANENT EASEMENT-E REBAR & CAP				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1RPC	22+83.00	130.00	729778.7487	1244627.7633

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1RPD	15+40.00	-130.00	730239.3421	1245273.6823
Y1RPD	15+40.00	-150.00	730223.5207	1245285.9169
Y1RPD	15+75.00	-130.00	730217.9316	1245245.9949
Y1RPD	15+75.00	-150.00	730202.1103	1245258.2295

NOTES:

1. 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:
B4448_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.
NETWORK ESTABLISHED FROM NGS ONLINE POSITIONING SERVICE (OPUS)

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B-4448-2"
WITH NAD 83 STATE PLANE GRID COORDINATES OF
NORTHING: 729909.7120(±) EASTING: 1244690.1780(±)
ELEVATION: 1188.85(±)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999856906
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-4448-2" TO -L- 13+00 STATION IS
S 78°16'09.50" W 1,656.52'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE