

SURVEY CONTROL SHEET B-5396

PROJECT REFERENCE NO.	SHEET NO.
B-5396	1C-2
Location and Surveys	

(PRELIMINARY)**(DESIGN ALIGNMENTS)**

L			
TYPE	STATION	NORTH	EAST
PC	10+00.00	650124.2226	885799.1138
PT	11+00.13	650175.0054	885885.3872
PC	12+36.27	650248.5300	885999.9627
PT	16+38.03	650410.2379	886365.9898
POT	18+35.99	650461.4147	886557.2237

Y1			
TYPE	STATION	NORTH	EAST
POT	10+00.00	650687.7647	886557.2945
POT	15+40.53	650147.2371	886557.1255

(PERMANENT EASEMENTS)

ROW MARKER PERMANENT EASEMENT-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+66.24	52.21	650112.4116	885883.6743
L	13+45.00	46.13	650262.5892	886115.4007
L	15+85.00	-46.45	650439.8330	886301.2327
L	15+85.00	-61.00	650453.7235	886296.9012
L	16+00.00	-61.00	650458.3118	886311.9197
L	16+00.00	-50.03	650447.8002	886315.0650

(ROW MARKERS)

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	12+00.00	40.00	650195.2756	885991.0385
L	12+00.00	-35.00	650258.3969	885950.5328
L	12+00.00	-13.00	650239.8813	885962.4145
L	12+00.00	15.00	650216.3161	885977.5366
L	12+36.27	40.00	650214.8654	886021.5657
L	12+36.27	-35.00	650277.9866	885981.0600
L	13+45.00	40.00	650268.0068	886112.5326
L	13+45.00	60.00	650250.3310	886121.8902
L	15+30.00	-35.00	650410.9529	886251.0929
L	16+00.00	60.00	650342.3899	886346.6054
L	16+38.03	-60.00	650468.1983	886350.4788
L	16+38.03	75.00	650337.7874	886385.3786
L	16+93.55	75.00	650352.1420	886439.0178
L	17+02.79	56.59	650372.3185	886443.1838
L	17+60.00	-43.50	650483.7941	886472.5718
L	17+60.00	-60.00	650499.7307	886468.3069

ROW MARKER CONCRETE OR GRANITE-E				
ALIGN	STATION	OFFSET	NORTH	EAST
Y1	13+43.64	13.50	650344.1316	886543.6870

ROW MARKER IRON PIN AND CAP-E				
ALIGN	STATION	OFFSET	NORTH	EAST
L	10+57.99	23.24	650132.8631	885861.4639
L	10+61.29	15.00	650141.6592	885860.1101
L	11+00.13	15.00	650162.3811	885893.4883

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:
B5396_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-5396-2=GPS-2"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 650393.4190(ft) EASTING: 886286.4090(ft)
ELEVATION: 2385.90(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999668088
THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-5396-2=GPS-2" TO -L- STATION 12+15.00 IS
S62°46'56"W 342.22'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88