

# SURVEY CONTROL SHEET B-4461

FINAL

TYPE	STATION	NORTH	EAST
POI	10+00.00	671154.0374	1987316.4360
PC	10+27.92	671178.0891	1987302.2550
PT	11+32.71	671269.3093	1987250.6954
PC	11+75.41	671366.8567	1987230.3697
PT	15+11.30	671611.9172	1987090.3837
PC	20+94.20	672156.5806	1986882.7163
PT	24+82.42	672513.0330	1986729.2298
POT	26+43.31	672657.9857	1986659.3922

ALIGN	STATION	OFFSET	NORTH	EAST
L	24+82.42	-30.00	672500.0160	1986702.1971
L	24+82.42	30.00	672526.0538	1986756.2829
L	20+94.20	-30.00	672145.8928	1986854.6847
L	20+94.20	30.00	672167.2684	1986910.7479
L	15+11.30	-30.00	671601.2294	1987062.3521
L	15+11.30	30.00	671622.6049	1987118.4153

**LOCALIZED PROJECT COORDINATES**  
 -L- STA. 15+00.00 BEGIN TIP PROJECT B-4461  
 N = 671601.3722  
 E = 1987094.4310

NCDOT BASELINE STATION "BL-101"  
 LOCALIZED PROJECT COORDINATES  
 N = 671166.5329  
 E = 1987274.9735

NCDOT BASELINE STATION "BL-102"  
 LOCALIZED PROJECT COORDINATES  
 N = 671912.4092  
 E = 1986960.5208

**LOCALIZED PROJECT COORDINATES**  
 -L- STA. 25+00.00 END TIP PROJECT B-4461  
 N = 672528.8746  
 E = 1986721.5939

BM#2  
 -L- STA 20+73  
 261' LEFT  
 ELEV=171.04'

BM#1  
 -L- STA 10+22  
 65' RIGHT  
 ELEV=170.25'

NCDOT GPS STATION "B4461-2"  
 LOCALIZED PROJECT COORDINATES  
 N = 672140.7555  
 E = 1986907.6568

NCDOT BASELINE STATION "BL-103"  
 LOCALIZED PROJECT COORDINATES  
 N = 672672.5294  
 E = 1986683.9949

BL POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
101	BL-101	671166.5329	1987274.9735	169.50	10+31.78	29.37 LT
102	BL-102	671912.4092	1986960.5208	172.86	18+38.34	14.29 LT
2	B4461-2	672140.7555	1986907.6568	172.89	20+70.53	17.67 RT
103	BL-103	672672.5294	1986683.9949	176.83		OUTSIDE PROJECT LIMITS

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 BM1 ELEVATION = 170.25  
 N 671208 E 1987365  
 L STATION 10+22.00 65' RIGHT  
 RR-SPIKE IN BASE OF 14IN RED OAK  
 .....  
 BM2 ELEVATION = 171.04  
 N 672043 E 1986647  
 L STATION 20+73.00 261' LEFT  
 RR-SPIKE IN BASE OF POWER POLE  
 .....

### DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "B4461-2"  
 WITH NAD 83/CORS 96 STATE PLANE GRID COORDINATES OF  
 NORTHING: 672140.7555(±) EASTING: 1986907.6568(±)  
 ELEVATION: 172.893(±)  
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999879260  
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B4461-2" TO -L- STATION 15+00.00 IS  
 S 19° 05' 58.6" E 570.806'  
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE

### NOTES:

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:  
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/](https://connect.ncdot.gov/resources/location)  
 THE FILES TO BE FOUND ARE AS FOLLOWS:  
 B4461\_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)

6/2/09

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