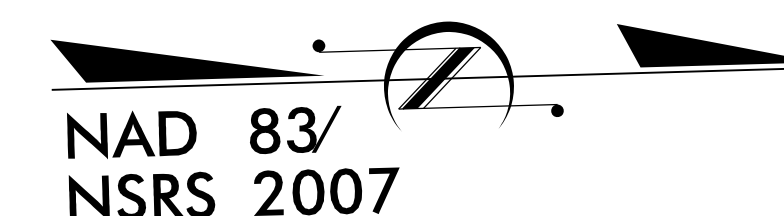


# SURVEY CONTROL SHEET B-5166

## GRANVILLE COUNTY

BASELINE DATA POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
101	BL-101	990187.4490	2098738.5150	387.19	OUTSIDE PROJECT LIMITS	
102	BL-102	991158.9330	2098769.1030	384.68	17+01.14	17.62 RT
103	BL-103	991904.9690	2098792.9060	415.25	OUTSIDE PROJECT LIMITS	



BENCHMARK DATA

.....

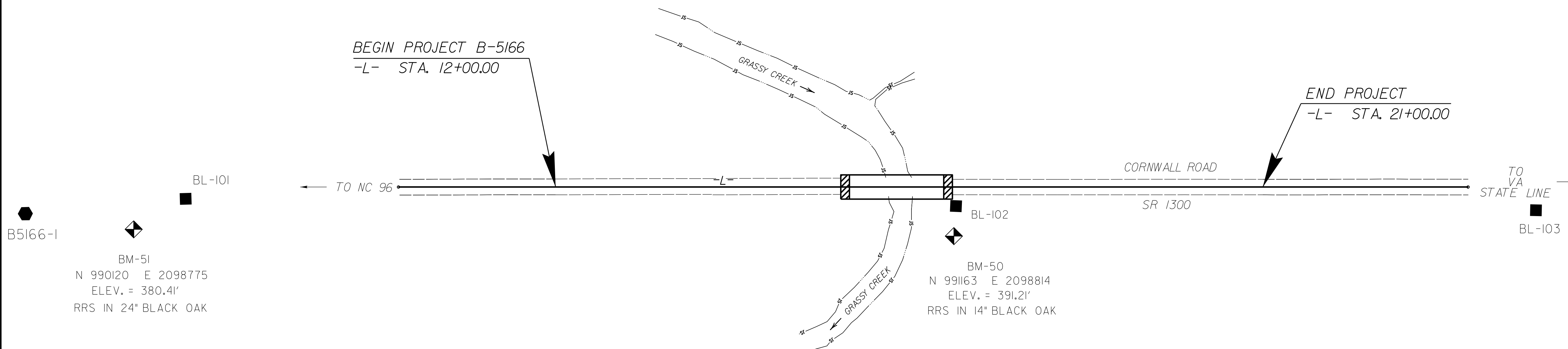
50 ELEVATION = 391.21  
 N 991163 E 2098814  
 L STATION 17+07.00 62 RIGHT  
 RRS IN 14" BLACK OAK

.....

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51 ELEVATION = 380.41  
 N 990120 E 2098775  
 L STATION 10+00.00  
 S 07°25'41" E DIST 341.20  
 RRS IN 24" BLACK OAK

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**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCGS FOR MONUMENT "B5166-1" WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF NORTHING: 989472.689(ft) EASTING: 2098745.373(ft) ELEVATION: (ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 1.00008425

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "B-5166-1" TO -L- 12+00 IS  
 N 0° 24' 06.4" E 1,185.85'

ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES  
 VERTICAL DATUM USED IS NAVD 88

ROW MARKER CONCRETE OR GRANITE -E

ALIGN	STATION	OFFSET	NORTH	EAST
L	12+00.00	-50.00	990659.9451	2098687.0784
L	12+00.00	-30.00	990659.3691	2098707.0701
L	12+00.00	30.00	990657.6410	2098767.0452
L	12+00.00	50.00	990657.0649	2098787.0369
L	21+00.00	50.00	991556.6916	2098812.9583
L	21+00.00	30.00	991557.2676	2098792.9666
L	21+00.00	-50.00	991559.5717	2098712.9998
L	21+00.00	-30.00	991558.9957	2098732.9915

L			
TYPE	STATION	NORTH	EAST
POT	10+00.00	990458.5880	2098731.2973
POT	23+61.26	991819.2833	2098770.5038

- 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:  
 B5166\_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 EXISTING HARN MONUMENTATION  
 SEE GPS CALIBRATION SHEET FOR HORIZONTAL AND VERTICAL COORDINATE VALUES.

**GEIOD G03NC**  
 NOTE: DRAWING NOT TO SCALE