PROJECT REFERENCE NO.	SHEET NO.
W-5316	1C-2
Location and Surveys	

SURVEY CONTROL SHEET W-5316

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
3	BL3	666387.9767	1578097.4720	795.00	OUTSIDE PROJECT LIMITS	
4	BL4	666885.0865	1577936.2656	800.25	12+49.39	28.82 LT
1	W5316-1	667290.8730	1577852.9820	806.74	16+63.53	19.57 LT
5	BL5	667820.7750	1577730.1952	811.08	22+07.47	21.18 LT
2	W5316-2	668210.2368	1577683.5387	814.02	OUTSIDE PROJECT LIMITS	

BY1

POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
1	GPS W5316-1	667290.8730	1577852.9820	806.74	OUTSIDE PROJECT LIMITS	
6	BY1-6	667323.4746	1578147.3653	809.03	12+87.69	17.21 RT
7	BY1-7	667304.2931	1578404.1515	808.96	OUTSIDE PROJECT LIMITS	

BY2

POINT	DESC.	NORTH	EAST	ELEVATION	Y2 STATION	OFFSET
8	BY2-8	666899.3022	1577384.7549	799.62	OUTSIDE PROJECT LIMITS	
9	BY2-9	667227.3785	1577675.2185	804.61	12+53.63	28.07 LT
1	GPS W5316-1	667290.8730	1577852.9820	806.74	14+37.53	32.45 RT

BY3

POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
1	GPS W5316-1	667290.8730	1577852.9820	806.74	OUTSIDE PROJECT LIMITS	
10	BY3-10	667575.3323	1577971.6724	809.99	12+25.55	12.71 LT
11	BY3-11	667945.1184	1578270.9976	813.33	OUTSIDE PROJECT LIMITS	

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W5316-1"
WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
NORTHING: 667290.873(ft) EASTING: 1577852.982(ft)
ELEVATION: 806.74(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99985478
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"W5316-1" TO -L- STATION 10+00.00 IS
S14°33'59.38"E 663.81'
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

BENCHMARKS (NAVD88)
****
BM1 ELEVATION = 792.57'
N 666301 E 1578122
L STATION 10+00.00
S 16°22'22.88" E DIST 362.08
TOP OF EIP IN CONCRETE EAST OF HWY 52
BETWEEN ADDRESS #8055 & #8075
****
****
BM2 ELEVATION = 797.91'
N 666713 E 1577280
L STATION 12+28.00 707 LEFT
CHISELED CROSS ON SOUTH END OF 18" RCP
CROSS PIPE UNDER CRESCENT ROAD
****
****
BM3 ELEVATION = 812.49'
N 668412 E 1577685
L STATION 10+00.00
N 3°17'29.88" W DIST 399.47
CHISELED SQUARE IN NE SECTION OF A
CONCRETE APRON
****

NOTES:

1. *THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:*
   HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/

   THE FILES TO BE FOUND ARE AS FOLLOWS:
   W5316_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.

NOTE: DRAWING NOT TO SCALE