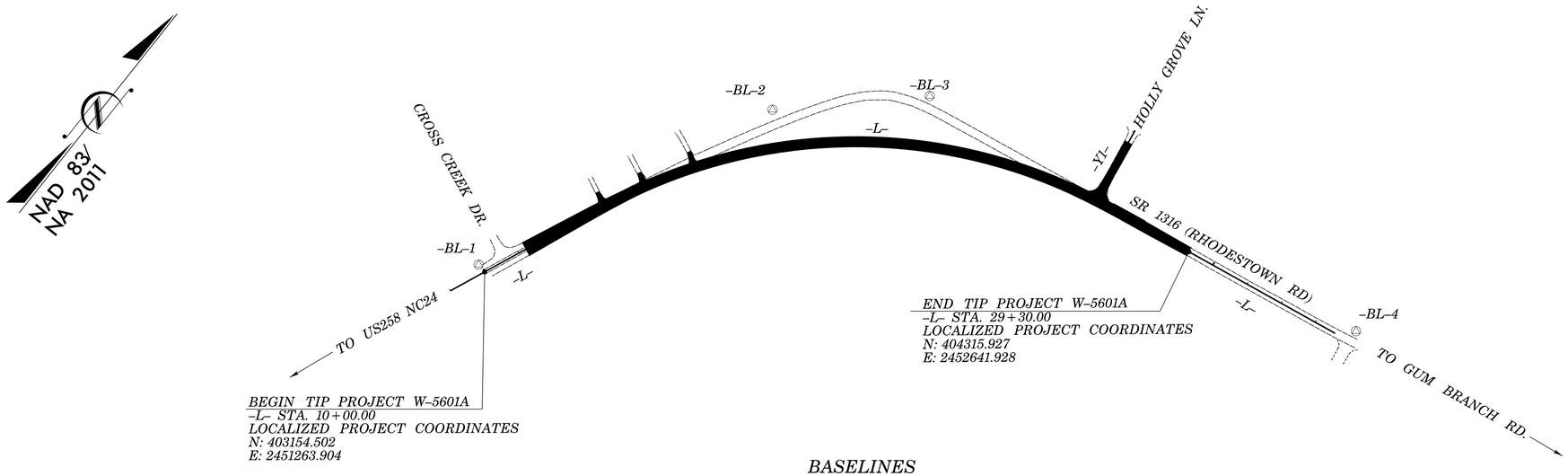
DocuSign Envelope ID: 5185DF73-BC30-49AA-9208-5343B891F953

PROJECT REFERENCE NO.	SHEET NO.
50138.1.FD2	1C-1
Location and Surveys	

SURVEY CONTROL SHEET W-5601-A



BASELINES

BL

POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
1	BL-1	403159.4830	2451240.1320	22.23	OUTSIDE PROJECT LIMITS	
2	BL-2	403937.0770	2451582.0900	28.97	18+20.66	97.75 LT
3	BL-3	404215.0410	2451875.1620	29.89	21+92.89	129.41 LT
4	BL-4	404423.0940	2453102.5660	32.24	OUTSIDE PROJECT LIMITS	

DESIGN ALIGNMENTS

L

TYPE	STATION	NORTH	EAST
POT	9+00.00	403062.2251	2451225.3687
TS	12+49.80	403385.0113	2451360.1657
SC	14+49.80	403567.5301	2451441.8163
CS	25+95.54	404256.6015	2452312.8456
ST	27+95.54	404294.0567	2452509.2559
POT	33+57.92	404385.5281	2453064.1519

Y1

TYPE	STATION	NORTH	EAST
POT	10+00.00	404270.2431	2452374.6376
POT	12+05.45	404472.9074	2452340.9491

ROW POINTS

ROW MARKER IRON PIN AND CAP-E

ALIGN	STATION	OFFSET	NORTH	EAST
L	10+91.69	-55.00	403260.30985	2451248.48442
L	11+05.00	30.00	403239.83220	2451332.04911
L	11+05.00	55.00	403230.19958	2451355.11662
L	12+49.80	55.00	403363.81598	2451410.91600
L	12+49.80	-55.00	403406.20693	2451309.41170
L	14+49.80	-50.00	403590.20907	2451397.25549
L	14+49.93	55.00	403542.69533	2451490.89021
L	16+08.07	-50.00	403731.78833	2451480.26171
L	16+08.40	-48.37	403731.16553	2451481.81113
L	24+14.69	-60.00	404257.90984	2452118.60668
L	25+95.54	-60.00	404314.90429	2452298.66676
L	25+95.54	55.00	404203.16125	2452325.84200
L	26+31.64	-60.00	404323.32055	2452335.30048
L	26+89.97	-60.00	404335.14621	2452394.22558
L	27+95.54	55.00	404239.79117	2452518.20115
L	27+95.54	-55.00	404348.32641	2452500.30976
L	29+52.00	30.00	404289.90469	2452668.51443
L	29+52.00	55.00	404265.23965	2452672.58022
L	29+52.09	-30.00	404349.12074	2452658.84653
L	29+53.53	-45.00	404364.15480	2452657.82509

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "W-5601A BL-3"
WITH NAD 83/NA 2011 STATE PLANE GRID COORDINATES OF
NORTHING: 404215.041(ft) EASTING: 2451875.162(ft)
ELEVATION: 29.88(ft)
THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99990140
THE N.C. LAMBERT GRID BEARING AND
LOCALIZED HORIZONTAL GROUND DISTANCE FROM
"W-5601A BL-3" TO -L- STA 10+00.00 IS
S 29° 57′ 27.6″ W 1224.08′
ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
VERTICAL DATUM USED IS NAVD 88

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:
W5601A_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 NCGS REAL TIME NETWORK

NOTE: DRAWING NOT TO SCALE

12/19/2017
R:\Roadway\Proj\W-5601A_LS_1C-1.dgn
ashepard