

SURVEY CONTROL SHEET U-3334B

PROJECT REFERENCE NO.	SHEET NO.
U-3334B	1C-2
Location and Surveys	

BASELINE DATA

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
100		BL-100	649001.5887	2197777.4514	144.50	19+80.47	83.80 RT
1		GPS U3334B-1	648906.9860	2198620.3750	143.04	28+23.48	57.86 RT
101		BL-101	648856.9167	2199324.1163	139.71	35+27.32	48.01 RT
102		BL-102	648791.0274	2200072.0054	152.78	42+78.06	55.89 RT
103		BL-103	648754.2166	2200828.9495	155.16	50+33.18	46.93 RT
104		BL-104	648742.5755	2201548.1721	156.31	57+52.29	46.63 RT
105		BL-105	648770.2637	2202450.7666	152.97	66+54.30	4.06 RT
106		BL-106	648715.9491	2202977.5058	154.70	71+81.87	49.68 RT
3		GPS U3334B-3	648324.8090	2203585.6640	153.95	77+96.39	430.74 RT
4		GPS U3334B-4	648649.9540	2204138.1780	152.72	83+46.10	95.83 RT
107		BL-107	648642.5865	2204781.8564	151.63	89+90.65	32.39 LT
108		BL-108	648357.6552	2205319.9121	151.71	95+87.63	57.35 LT
109		BL-109	647825.9700	2205717.9739	152.25	102+42.57	3.78 LT
110		BL-110	646940.4852	2206040.3129	148.04	111+83.24	38.71 LT
111		BL-111	646057.3950	2205964.4710	142.26	120+56.35	46.16 RT
5		GPS U3334B-5	645361.6720	2206329.5990	152.68	OUTSIDE PROJECT LIMITS	

BY	POINT	DESC.	NORTH	EAST	ELEVATION	Y STATION	OFFSET
200		BY-200	649776.0715	2198826.6479	146.07	11+55.47	24.54 RT
A1		GPS U3334B-1	648906.9860	2198620.3750	143.04	20+45.19	45.70 LT
2		GPS U3334B-2	648236.5930	2198357.1850	144.82	27+63.77	25.95 LT

BL1	POINT	DESC.	NORTH	EAST	ELEVATION	Y5 STATION	OFFSET
A3		GPS U3334B-3	648324.8090	2203585.6640	153.95	14+30.14	35.15 RT
400		BL1-400	647581.1003	2203597.8020	151.65	21+73.88	25.16 RT

BY5	POINT	DESC.	NORTH	EAST	ELEVATION	Y8 STATION	OFFSET
500		BY5-500	645641.9320	2206792.1040	153.76	OUTSIDE PROJECT LIMITS	
A5		GPS U3334B-5	645361.6720	2206329.5990	152.68	17+04.09	63.09 LT
6		GPS U3334B-6	645053.9070	2205735.1740	148.47	OUTSIDE PROJECT LIMITS	

BENCHMARK DATA

<p>*****</p> <p>BM*1 ELEVATION = 148.09 N 650034 E 2198971 Y STATION 10+00.00 N 31+02'6.63" E DIST 138.13 (OUT OF PROJECT LIMITS) RR SPIKE IN BASE OF 15" PECAN</p> <p>*****</p> <p>BM*2 ELEVATION = 145.63 N 648497 E 2198120 Y STATION 26+02.00 288 RIGHT RR SPIKE IN BASE OF 36" OAK</p> <p>*****</p> <p>BM*3 ELEVATION = 156.44 N 648725 E 2201770 L STATION 59+74.00 60 RIGHT RR SPIKE BASE OF 18" OAK</p> <p>*****</p>	<p>*****</p> <p>BM*4 ELEVATION = 152.54 N 647474 E 2203648 Y5 STATION 22+81.00 24 LEFT RR SPIKE IN BASE OF 15" OAK</p> <p>*****</p> <p>BM*5 ELEVATION = 153.00 N 648186 E 2205838 L STATION 100+32.00 309 LEFT RR SPIKE IN BASE OF 15" PINE</p> <p>*****</p> <p>BM*6 ELEVATION = 151.79 N 645029 E 2205726 L STATION 127+96.00 S 58+16'25.66" W DIST 720.90 (OUT OF PROJECT LIMITS) RR SPIKE IN BASE OF 36" OAK</p> <p>*****</p>
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NOTES:

1. THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:
[HTTPS://CONNECT.NCDOT.GOV/RESOURCES/LOCATION/PAGES/DEFAULT.ASPX](https://connect.ncdot.gov/resources/location/pages/default.aspx)
 THE FILES TO BE FOUND ARE AS FOLLOWS:
 U3334B_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

DATUM DESCRIPTION

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "PANEL-17"
 WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF
 NORTHING: 648176.316(±) EASTING: 2202480.609(±)
 ELEVATION: 149.548'
 THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.99988249
 THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "PANEL-17" TO -L- STATION 35+75.00 IS
 N 76° 51' 43.3" W 3,188.70 (±)
 ALL LINEAR DIMENSIONS ARE LOCALIZED HORIZONTAL DISTANCES
 VERTICAL DATUM USED IS NAVD 88

NOTE: DRAWING NOT TO SCALE