

# SURVEY CONTROL SHEET R-3830

BL	POINT	DESC.	NORTH	EAST	ELEVATION	L STATION	OFFSET
100	BL-100		621972.2260	1955933.7520	449.59	10+77.87	40.62 LT
2	R3830-2		622180.6900	1956586.6210	445.89	17+57.36	52.84 RT
101	BL-101		622430.6870	1957136.0170	448.32	23+61.28	34.83 RT
102	BL-102		622656.4370	1957539.2980	458.42	28+19.73	23.64 LT
103	BL-103		622864.9690	1958109.7140	459.76	34+26.60	6.34 LT
104	BL-104		623079.7900	1958760.6310	453.01	41+11.87	1.76 LT
105	BL-105		623234.3310	1959370.8290	453.77	47+41.35	15.67 RT
106	BL-106		623395.9740	1959870.9010	454.66	52+66.27	4.58 RT
107	BL-107		623563.9000	1960416.6800	446.60	58+37.29	14.17 RT
108	BL-108		623596.4400	1960921.4810	449.06	63+55.05	45.94 RT
109	BL-109		623578.7520	1961471.7250	453.75	69+07.57	41.92 RT
110	BL-110		623477.8020	1961962.8860	455.30	74+20.60	37.93 RT
111	BL-111		623263.3160	1962502.1940	453.20	80+03.35	27.50 RT
112	BL-112		623027.0420	1963059.9100	455.25	86+08.81	26.08 RT
113	BL-113		622808.9930	1963615.9930	446.98	92+03.72	36.93 RT
114	BL-114		622648.4220	1964159.3950	439.62	97+67.58	41.24 RT
115	BL-115		622551.7450	1964609.8450	432.82	102+26.41	39.48 RT
116	BL-116		622416.8150	1965219.0310	432.75	108+50.13	54.34 RT
117	BL-117		622312.2350	1965808.2810	442.80	114+49.48	43.31 RT
3	R3830-3		622303.2050	1966418.2430	447.37	120+49.74	65.47 LT
118	BL-118		622188.1960	1967056.9820	446.43	127+04.64	66.03 LT
119	BL-119		622126.5110	1967597.8290	449.67	132+50.33	19.65 RT
120	BL-120		622340.6710	1968213.4990	446.06	139+00.41	3.22 RT
121	BL-121		622545.8020	1968777.6580	445.10	145+00.67	9.88 RT
122	BL-122		622761.0440	1969331.5990	438.79	150+94.92	3.47 RT
123	BL-123		622993.4740	1969916.4160	438.20	157+24.43	5.01 LT
124	BL-124		623265.5890	1970429.7980	425.92	163+06.19	7.36 LT
125	BL-125		623573.8340	1970923.8560	417.15	168+07.59	40.28 LT
126	BL-126		623742.8050	1971358.6020	417.34	173+43.66	43.49 LT
127	BL-127		623760.3670	1971862.4920	430.90	178+41.24	22.67 LT
128	BL-128		623780.2220	1972500.1350	420.25	184+79.91	10.08 RT
129	BL-129		623947.2080	1973019.7370	404.36	190+25.06	8.20 RT
130	BL-130		624116.6660	1973560.1040	422.26	195+91.96	7.01 RT
131	BL-131		624195.0840	1973986.3350	421.74	200+26.65	10.56 RT
132	BL-132		624257.1970	1974513.6490	407.32	205+57.58	16.67 RT
133	BL-133		624322.6180	1975053.5100	423.69	211+02.92	12.73 RT
134	BL-134		624283.5270	1975670.5450	415.72	217+22.90	11.06 RT
135	BL-135		624243.2590	1976200.3570	407.32	222+54.23	7.19 RT
5	R3830-5		624168.9170	1976672.0310	403.51	227+28.69	38.72 LT
136	BL-136		623936.5660	1977132.2680	411.58	232+41.50	14.44 RT
137	BL-137		623719.2930	1977713.3410	431.38	238+61.85	10.47 RT
138	BL-138		623505.9030	1978356.7120	453.46	245+38.76	13.49 RT
139	BL-139		623392.1870	1978891.5900	465.25	250+84.56	12.73 RT
140	BL-140		623325.8520	1979477.4340	475.45	256+73.12	12.54 RT
141	BL-141		623319.0620	1979928.7160	482.90	261+23.96	6.12 RT
142	BL-142		623305.5840	1980546.8020	482.92	267+42.18	10.62 RT
143	BL-143		623295.9120	1981153.3200	489.10	273+48.77	11.47 RT
144	BL-144		623286.6780	1981765.5410	482.61	279+61.06	11.81 RT
145	BL-145		623327.2610	1982276.3460	477.08	284+71.22	36.20 LT
146	BL-146		623249.8880	1982711.6130	476.12	289+06.25	23.18 LT
147	BL-147		623026.8070	1983164.5320	476.46	294+08.72	26.42 LT
148	BL-148		622724.9250	1983636.5620	480.06	299+64.63	29.02 LT
149	BL-149		622258.1780	1984012.2570	477.81	305+58.89	29.79 LT
7	R3830-A7		621717.7220	1984219.1020	473.19	311+35.66	79.37 LT
150	BL-150		621429.3450	1984190.0630	471.79	314+04.51	29.00 RT
151	BL-151		621093.5100	1984350.0572	470.05	OUTSIDE PROJECT LIMITS	

BY1	POINT	DESC.	NORTH	EAST	ELEVATION	Y1 STATION	OFFSET
152	BY1-152		622605.9180	1956162.1850	443.93	OUTSIDE PROJECT LIMITS	
E02			622180.6900	1956586.6210	445.89	15+58.01	49.55 RT
153	BY1-153		621921.2050	1956968.9360	430.63	20+19.90	37.28 RT
BY2	POINT	DESC.	NORTH	EAST	ELEVATION	Y3 STATION	OFFSET
154	BY2-154		623635.2420	1957479.1620	457.85	OUTSIDE PROJECT LIMITS	
155	BY2-155		623293.2820	1957716.9320	454.54	14+04.75	25.04 RT
E0103			622864.9690	1958109.7140	459.76	19+64.25	85.22 LT
BY3	POINT	DESC.	NORTH	EAST	ELEVATION	Y5 STATION	OFFSET
E0104			623079.7900	1958760.6310	453.01	OUTSIDE PROJECT LIMITS	
156	BY3-156		622651.0620	1958911.9610	448.64	14+52.27	16.33 RT
157	BY3-157		622267.9450	1959044.1570	442.75	OUTSIDE PROJECT LIMITS	
BY4	POINT	DESC.	NORTH	EAST	ELEVATION	Y8 STATION	OFFSET
158	BY4-158		623627.1570	1962358.4690	458.81	10+13.56	22.60 LT
E0110			623477.8020	1961962.8860	455.30	12+76.97	239.01 RT
BY5	POINT	DESC.	NORTH	EAST	ELEVATION	Y13 STATION	OFFSET
E0118			622188.1960	1967056.9820	446.43	OUTSIDE PROJECT LIMITS	
159	BY5-159		621789.1920	1967433.0320	446.32	14+00.37	22.42 LT
160	BY5-160		621304.2520	1967829.4680	438.32	OUTSIDE PROJECT LIMITS	
BY6	POINT	DESC.	NORTH	EAST	ELEVATION	Y16 STATION	OFFSET
161	BY6-161		624255.8600	1971497.8710	419.68	OUTSIDE PROJECT LIMITS	
E0126			623742.8050	1971358.6020	417.34	14+58.00	58.31 RT
BY7	POINT	DESC.	NORTH	EAST	ELEVATION	Y20 STATION	OFFSET
162	BY7-162		623581.5770	1981406.8520	486.35	OUTSIDE PROJECT LIMITS	
E0144			623286.6780	1981765.5410	482.61	OUTSIDE PROJECT LIMITS	

BM1	ELEVATION - 451.52	BM11	ELEVATION - 401.18
N 622045	E 1955851	N 623766	E 1972865
L STATION 10+41.00 144 LEFT		L STATION 188+22.00 133 RIGHT	
RR SPIKE SET IN BASE OF 34' OAK		RR SPIKE SET IN BASE OF 24' PINE	
.....		.....	
BM2	ELEVATION - 457.30	BM12	ELEVATION - 408.65
N 622618	E 1957279	N 624104	E 1974592
L STATION 25+64.00 85 LEFT		L STATION 206+16.00 179 RIGHT	
RR SPIKE SET IN BASE OF 16' MAGNOLIA		RR SPIKE SET IN BASE OF 14' PECAN	
.....		.....	
BM3	ELEVATION - 460.43	BM13	ELEVATION - 406.73
N 623684	E 1957526	N 624410	E 1976641
L STATION 31+92.00 982 LEFT		L STATION 226+14.00 253 LEFT	
RR SPIKE SET IN BASE OF 20' PINE		RR SPIKE SET IN BASE OF 22' PINE	
.....		.....	
BM4	ELEVATION - 458.30	BM14	ELEVATION - 447.18
N 623890	E 1959403	N 623670	E 1978323
L STATION 47+36.00 163 RIGHT		L STATION 244+62.00 136 LEFT	
RR SPIKE SET IN BASE OF 22' OAK		RR SPIKE SET IN BASE OF 19' PINE	
.....		.....	
BM5	ELEVATION - 445.66	BM15	ELEVATION - 474.79
N 623495	E 1961040	N 623068	E 1980265
L STATION 64+77.00 143 RIGHT		L STATION 264+63.00 252 RIGHT	
RR SPIKE SET IN BASE OF 15' PINE		RR SPIKE SET IN BASE OF 19' OAK	
.....		.....	
BM6	ELEVATION - 452.36	BM16	ELEVATION - 478.38
N 623189	E 1963050	N 623494	E 1982261
L STATION 85+36.00 119 LEFT		L STATION 284+53.00 203 LEFT	
RR SPIKE SET IN BASE OF 15' PINE		RR SPIKE SET IN BASE OF 24' OAK	
.....		.....	
BM7	ELEVATION - 427.78	BM17	ELEVATION - 479.71
N 622344	E 1965162	N 622730	E 1983373
L STATION 108+09.00 136 RIGHT		L STATION 297+47.00 129 RIGHT	
RR SPIKE SET IN BASE OF 11' SWEETGUM		RR SPIKE SET IN BASE OF 12' OAK	
.....		.....	
BM8	ELEVATION - 445.79	BM18	ELEVATION - 468.55
N 622304	E 1967092	N 621067	E 1984467
L STATION 127+31.00 184 LEFT		L STATION 317+13.00 0 RIGHT	
RR SPIKE SET IN BASE OF 16' PINE		RR SPIKE SET IN BASE OF 12' OAK	
.....		.....	
BM9	ELEVATION - 447.56		
N 622412	E 1968761		
L STATION 144+39.00 129 RIGHT			
RR SPIKE SET IN BASE OF 18' PINE			
.....			
BM10	ELEVATION - 418.37		
N 623263	E 1971051		
L STATION 168+50.00 294 RIGHT			
RR SPIKE SET IN BASE OF 14' PINE			
.....			

**NOTES:**

- THE CONTROL DATA FOR THIS PROJECT CAN BE FOUND ELECTRONICALLY BY SELECTING PROJECT CONTROL DATA AT:  
[HTTP://WWW.NCDOT.ORG/DOHPRECONSTRUCT/HIGHWAY/LOCATION/PROJECT/](http://www.ncdot.org/dohpreconstruct/highway/location/project/)
- THE FILES TO BE FOUND ARE AS FOLLOWS:  
R3830\_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.

**DATUM DESCRIPTION**

THE LOCALIZED COORDINATE SYSTEM DEVELOPED FOR THIS PROJECT IS BASED ON THE STATE PLANE COORDINATES ESTABLISHED BY NCDOT FOR MONUMENT "R3830-3"

WITH NAD 83/NSRS 2007 STATE PLANE GRID COORDINATES OF  
NORTHING: 622,303.205(ft) EASTING: 1,966,418.243(ft)  
ELEVATION: 447.365(ft)

THE AVERAGE COMBINED GRID FACTOR USED ON THIS PROJECT (GROUND TO GRID) IS: 0.999862791

THE N.C. LAMBERT GRID BEARING AND LOCALIZED HORIZONTAL GROUND DISTANCE FROM "R3830-3" TO -L- STATION 13+25.00 IS  
S 88°35'22.4" W 10248.99'

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

NOTE: DRAWING NOT TO SCALE

6/2/99

I:\MAY-2022\1501\Z:\rd\kdv8\location\survey\todd\may-11-22\1R3830-1s-1c-2.dgn  
At: 11:06:32 AM  
mtrc