

SURVEY CONTROL SHEET

W/EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO. R-2707D SHEET NO. RW02C-5

Location and Surveys



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

I, James I. Jeffreys, PE, PLS, certify that the Project Control was provided to NCDOT by others. The following information was used to perform the survey:

Datum/Epoch: NAD83/1995
Localized around: M 77
Northing: 573127.522
Easting: 1242971.658
Combined grid factor: 0.99984410
Units: US Survey Feet

This day 12/19/2022

DocuSigned by:
James I. Jeffreys
A4304A207A64CA

James I. Jeffreys, PE, PLS
Professional Land Surveyor L-3828

EY23									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	573973.533	1260785.837	S 78°11'12.2" W	195.99					
LINE									
PC	573933.409	1260593.997	S 78°25'26.6" W	82.84	00°28'28.8"(RT)	00°34'22.6"	82.84	41.42	10000.00
CURVE									
PT	573916.786	1260512.840	S 78°39'41.0" W	269.56					
LINE									
PC	573863.788	1260248.539	S 78°45'38.2" W	34.66	00°11'55.0"(RT)	00°34'22.6"	34.66	17.33	10000.00
CURVE									
PT	573857.031	1260214.539	S 78°51'36.1" W	228.13					
LINE									
PC	573812.956	1259990.710	S 59°58'44.5" W	300.95	37°45'42.8"(LT)	12°19'18.0"	306.47	159.03	465.00
CURVE									
PT	573662.385	1259730.134	S 41°05'53.2" W	90.44					
LINE									
PC	573594.228	1259670.681	S 52°34'08.5" W	63.64	22°56'30.8"(RT)	35°48'35.5"	64.07	32.47	160.00
CURVE									
PCC	573555.549	1259620.147	S 79°02'24.8" W	108.71	30°00'01.6"(RT)	27°17'01.3"	109.96	56.27	210.00
CURVE									
PT	573534.881	1259513.424	N 85°57'34.5" W	1105.32					
LINE									
POT	573612.763	1258410.849							

EY24									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	572528.839	1259549.525	N 85°46'32.3" W	165.87					
LINE									
PC	572541.057	1259384.109	N 86°29'44.6" W	251.35	01°26'24.6"(LT)	00°34'22.6"	251.35	125.68	10000.00
CURVE									
PT	572556.420	1259133.232	N 87°12'56.8" W	533.21					
LINE									
POT	572582.321	1258600.650							

EY25									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	570760.702	1260270.734	N 74°04'32.8" W	170.42					
LINE									
PC	570807.459	1260106.854	N 69°14'03.3" W	327.48	09°40'59.4"(RT)	02°57'12.2"	327.87	164.32	1940.00
CURVE									
PT	570923.565	1259800.652	N 64°23'33.5" W	255.66					
LINE									
PC	571034.063	1259570.101	N 70°17'08.0" W	453.80	11°47'08.7"(LT)	02°35'33.2"	454.60	228.10	2210.00
CURVE									
PT	571187.144	1259142.904	N 76°10'42.2" W	223.52					
LINE									
PC	571240.542	1258925.860	N 86°25'42.2" W	302.50	20°29'59.9"(LT)	06°44'26.4"	304.12	153.70	850.00
CURVE									
PT	571259.386	1258623.944	S 80°35'24.6" W	160.59					
LINE									
PC	571233.130	1258465.511	S 68°06'31.7" W	423.37	19°30'00.0"(LT)	04°35'01.2"	425.42	214.79	1250.00
CURVE									
PT	571075.277	1258072.665	S 58°21'31.7" W	437.48					
LINE									
POT	570845.778	1257700.220							

EY26									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	570834.612	1260019.541	S 18°22'58.1" W	134.02					
LINE									
PC	570707.429	1259977.275	S 12°29'19.9" W	250.56	11°47'16.2"(LT)	04°41'47.0"	251.00	125.94	1220.00
CURVE									
PT	570462.801	1259923.092							

EY28									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	566192.806	1263075.230	S 51°19'51.9" W	43.22					
LINE									
PC	566165.799	1263041.482	S 52°21'39.7" W	35.94	02°03'33.6"(RT)	05°43'46.5"	35.94	17.97	1000.00
CURVE									
PT	566143.851	1263013.022	S 53°23'25.6" W	452.55					
LINE									
PC	565873.970	1262649.753	S 48°30'16.1" W	473.57	09°46'19.3"(LT)	02°03'39.6"	474.14	237.65	2780.00
CURVE									
PT	565560.203	1262295.049	S 43°37'06.4" W	344.62					
LINE									
PC	565310.716	1262057.312	S 66°49'13.7" W	484.59	46°24'14.7"(RT)	09°18'59.0"	498.09	263.62	615.00
CURVE									
PT	565119.975	1261611.842	N 89°58'38.9" W	258.87					
LINE									
PC	565120.077	1261352.968	S 72°50'12.2" W	390.02	34°22'17.7"(LT)	08°40'52.2"	395.93	204.12	660.00
CURVE									
PCC	565004.983	1260980.314	S 53°09'00.8" W	78.51	04°59'58.3"(LT)	06°21'58.3"	78.53	39.29	900.00
CURVE									
PCC	564957.901	1260917.492	S 48°09'05.1" W	111.67	05°00'00.0"(LT)	04°28'34.4"	111.70	55.89	1280.00
CURVE									
PT	564883.402	1260834.311	S 45°39'05.1" W	844.87					
LINE									
POT	564292.822	1260230.147							

EY30									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	560257.321	1264794.123	S 87°59'36.8" W	274.39					
LINE									
PC	560247.714	1264519.898	S 56°15'19.8" W	78.91	63°28'34.1"(LT)	76°23'39.7"	83.09	46.39	75.00
CURVE									
PT	560203.883	1264454.286	S 24°31'03.1" W	607.13					
LINE									
PC	559651.496	1264202.345	S 25°05'40.2" W	80.55	01°09'13.9"(RT)	01°25'56.6"	80.55	40.28	4000.00
CURVE									
PT	559578.546	1264168.181	S 25°40'16.8" W	102.48					
LINE									
POT	559486.181	1264123.786							

EY27				
POINT	N	E	BEARING	DIST
POT	568195.908	1260406.507	S 27°31'16.4" W	464.66
LINE				
POT	567783.827	1260191.797		

EY29				
POINT	N	E	BEARING	DIST
POT	565021.868	1261006.310	S 36°20'58.9" E	536.66
LINE				
POT	564589.633	1261324.396		

EY33				
POINT	N	E	BEARING	DIST
POT	559114.032	1264340.414	S 21°20'54.5" W	303.14
LINE				
POT	558831.691	1264230.058		

EY36				
POINT	N	E	BEARING	DIST
POT	564486.928	1260428.718	S 63°15'25.4" E	299.40
LINE				
POT	564352.201	1260696.093		

EY32									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559426.681	1263088.177	S 69°28'59.9" E	21.34					
LINE									
PC	559419.202	1263108.163	S 73°46'45.2" E	247.21	08°35'32.1"(LT)	03°28'20.9"	247.44	123.95	1650.00
CURVE									
PT	559350.147	1263345.529	S 78°04'31.2" E	816.73					
LINE									
PC	559181.390	1264144.637	S 74°11'49.2" E	116.34	07°45'24.1"(RT)	06°39'44.3"	116.43	58.30	860.00
CURVE									
PCC	559149.707	1264256.578	S 55°40'27.8" E	391.87	29°17'18.8"(RT)	07°23'34.8"	396.17	202.51	775.00
CURVE									
PT	558928.735	1264580.199	S 41°01'48.3" E	213.58					
LINE									
PC	558767.618	1264720.404	S 47°30'00.6" E	437.66	12°56'24.3"(LT)	02°57'01.3"	438.60	220.23	1942.00
CURVE									
PT	558471.938	1265043.085	S 53°58'12.8" E	378.98					
LINE									
PC	558249.018	1265349.573	N 87°43'32.8" E	86.78	76°36'29.2"(LT)	81°51'04.0"	93.59	55.29	70.00
CURVE									
PT	558252.462	1265436.281	N 49°25'17.8" E	121.64					
LINE									
POT	558331.590	1265528.672							

EY37									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559842.698	1263172.564	S 68°54'06.7" E	345.54					
LINE									
PC	559718.316	1263494.939	S 69°45'21.5" E	241.49	01°42'29.6"(LT)	00°42'26.5"	241.50	120.76	8100.00
CURVE									
PCC	559634.757	1263721.508	S 70°13'22.8" E	266.19	00°46'27.1"(RT)	00°17'27.0"	266.19	133.10	19700.00
CURVE									
PCC	559544.690	1263971.995	S 67°54'28.9" E	342.47	03°51'20.8"(RT)	01°07'32.4"	342.54	171.33	5090.00
CURVE									
PT	559415.889	1264289.323							

EY38									
POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	559746.792	1263204.039	S 69°30'00.0" E	891.04					
LINE									
PC	559434.745	1264038.647	S 46°45'00.0" E	2598.70	45°30'00.0"(RT)	01°42'18.8"	2668.		