

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

PROJECT REFERENCE NO.	SHEET NO.
R-2707E	RW02C-4

Location and Surveys

LOCATION & SURVEYS UNIT
SHELBY FIELD OFFICE



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

EY34		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	556409.932	1266544.822							
LINE				N 61°52'06.6" E	72.06					
PC		556443.909	1266608.369							
CURVE		556441.504	1266630.759	S 83°52'14.5" E	22.52	68°31'17.6"(RT)	286°28'44.0"	23.92	13.62	20.00
PCC		556200.454	1267102.232	S 62°55'14.5" E	529.52	26°37'15.0"(LT)	04°58'56.1"	534.31	272.07	1150.00
PT										
LINE		556125.041	1267409.981	S 76°13'52.1" E	316.85					
PC										
CURVE		555945.998	1267751.021	S 62°18'03.5" E	385.18	27°51'37.1"(RT)	07°09'43.1"	389.00	198.43	800.00
PT										
LINE		555522.958	1268227.014	S 48°22'15.0" E	636.81					
PC										
CURVE		555448.007	1268322.428	S 51°50'56.0" E	121.33	06°57'22.0"(LT)	05°43'46.5"	121.41	60.78	1000.00
PCC										
CURVE		555302.820	1268597.852	S 62°12'16.5" E	311.35	13°45'19.0"(LT)	04°24'26.5"	312.10	156.80	1300.00
PT										

EY35		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	556409.932	1266544.822							
LINE				S 15°21'06.1" W	59.79					
PC		556352.271	1266528.992							
CURVE		556231.707	1266503.759	S 11°49'14.6" W	123.18	07°03'43.0"(LT)	05°43'46.5"	123.25	61.71	1000.00
PT										
LINE		554828.392	1266299.294	S 08°17'23.0" W	1418.13					
PC										
CURVE		554554.463	1266206.558	S 18°42'11.5" W	289.20	20°49'37.0"(RT)	07°09'43.1"	290.80	147.02	800.00
PT										
LINE		554508.599	1266181.012	S 29°07'00.3" W	52.50					
POT										

EY38A		N	E	BEARING	DIST	DELTA	D	L	T	R	DELTA S	Ls	LT	ST
POT	POINT	557654.161	1265931.463											
LINE		556970.117	1266236.019	S 24°00'00.0" E	748.78									
TS														
SPIRAL		556610.774	1266411.281	S 25°59'59.4" E	399.81						06°00'00.0"(LT)	400.00	266.82	133.47
SC														
CURVE		555917.301	1267100.731	S 44°50'00.0" E	977.88	29°39'59.9"(LT)	03°00'00.0"	988.89	505.80	1909.86				
CS														
SPIRAL		555739.951	1267459.049	S 63°40'00.6" E	399.81						06°00'00.0"(LT)	400.00	266.82	133.47
ST														
LINE		555431.702	1268140.688	S 65°40'00.0" E	748.10									
PC														
CURVE		555042.271	1268860.110	S 61°34'22.4" E	818.06	08°11'15.3"(RT)	01°00'00.0"	818.76	410.08	5729.58				
PT														
LINE		553907.219	1270640.350	S 57°28'44.7" E	2111.30									
TS														
SPIRAL		553752.656	1270897.373	S 58°58'44.4" E	299.92						04°30'00.0"(LT)	300.00	200.06	100.06
SC														
CURVE		553544.800	1272041.500	S 79°42'11.6" E	1162.85	35°26'53.9"(LT)	03°00'00.0"	1181.61	610.40	1909.86				
CS														
SPIRAL		553599.082	1272336.465	N 79°34'21.1" E	299.92						04°30'00.0"(LT)	300.00	200.06	100.06
ST														
LINE		553770.911	1273149.925	N 78°04'21.4" E	831.41									
PC														
CURVE		553817.117	1274074.916	N 87°08'25.1" E	926.14	18°08'07.5"(RT)	01°57'00.0"	930.02	468.93	2938.24				
PT														
LINE		553265.192	1279148.860	S 83°47'31.1" E	5103.87									
POT														

EY39		N	E	BEARING	DIST	DELTA	D	L	T	R
POT	POINT	555409.321	1268109.567							
LINE		555378.279	1268175.175	S 24°52'30.4" W	34.22					
PC										
CURVE		555325.936	1268193.065	S 18°52'09.7" E	55.32	87°29'19.8"(LT)	143°14'22.0"	61.08	38.28	40.00
PT										
LINE		555212.819	1268411.420	S 62°36'50.0" E	245.92					
POT		555163.124	1268499.291	S 60°30'36.3" E	100.95					
LINE		555135.354	1268545.860	S 59°11'27.8" E	54.22					
PC										
CURVE		555023.011	1268611.667	S 30°21'38.9" E	130.20	57°39'37.9"(RT)	42°26'28.7"	135.86	74.31	135.00
PT										
LINE		554894.292	1268615.107	S 01°31'50.3" E	128.76					
PC										
CURVE		554801.889	1268525.374	S 44°09'35.7" W	128.80	91°22'50.9"(RT)	63°39'43.1"	143.54	92.20	90.00
PT										
LINE		554801.004	1268186.711	S 89°51'01.0" W	338.66					
PC										
CURVE		554824.478	1267957.784	N 84°08'43.6" W	230.13	12°00'31.0"(RT)	05°12'31.3"	230.55	115.70	1100.00
PCC		554846.957	1267883.388	N 73°11'14.0" W	77.72	09°54'28.0"(RT)	12°43'56.6"	77.82	39.00	450.00
PT										
LINE		554885.346	1267787.248	N 68°13'59.8" W	103.52					
POT		554986.945	1267510.691	N 69°49'41.0" W	294.63					
LINE		555059.710	1267328.095	N 68°16'21.0" W	196.56					
POT		555095.199	1267230.221	N 70°04'10.2" W	104.11					
LINE		555116.965	1267165.756	N 71°20'36.1" W	68.04					
POT		555137.978	1267098.335	N 72°41'20.6" W	70.62					
LINE		555150.234	1267037.314	N 78°38'36.0" W	62.24	11°54'30.0"(LT)	19°05'54.9"	62.35	31.29	300.00
PCC		555124.867	1266799.567	S 83°54'34.5" W	239.10	22°59'09.0"(LT)	09°32'57.5"	240.71	121.99	600.00
PT										
LINE		555065.596	1266612.534	S 72°24'59.9" W	196.20					
POT		555035.369	1266509.152	S 73°42'06.2" W	107.71					
LINE		555016.031	1266412.127	S 78°43'41.7" W	98.93					
PC										
CURVE		555013.952	1266326.331	S 88°36'42.4" W	85.82	19°46'00.5"(RT)	22°55'05.9"	86.25	43.56	250.00
PT										

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 12/21/2022

DocuSigned by:
James I. Jeffreys
A43045A207A64CA

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

NOTES:

1. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
2. THE SURVEY CONTROL DATA FOR THIS PROJECT HAS BEEN COMPILED FROM VARIOUS SOURCES. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED, PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.

REVISIONS