

REVISIONS

02-MAY-2023 1405
C:\Projects\5014438_r5759.con.dcl2 Division 11 Right of Way staking\Right of Way Sheets\5759_1s_r502c-5.dgn
dustopies AT PF3WCC3

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EY3 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	877911.322	1378579.657							
CURVE			S 48°09'41.9" E	447.79	17°44'06.3"(L T)	03°56'44.2"	449.49	226.60	1452.43
PCC	877612.634	1378913.271							
CURVE			S 59°41'50.7" E	93.00	05°20'11.1"(L T)	05°44'19.1"	92.99	46.55	998.84
PCC	877565.711	1378993.562							
CURVE			S 63°13'28.5" E	29.98	01°43'04.6"(L T)	05°43'54.8"	29.97	14.99	1000.01
PCC	877552.204	1379020.330							
CURVE			S 77°12'39.5" E	491.45	26°15'17.3"(L T)	05°17'51.1"	495.60	252.32	1081.94
PCC	877443.415	1379499.593							
CURVE			N 88°21'35.3" E	206.25	02°36'13.2"(L T)	01°15'44.4"	206.26	103.15	4539.00
PT	877449.318	1379705.754							
LINE			N 87°03'28.7" E	245.86					
POT	877461.937	1379951.287							

EY3A POINT	N	E	BEARING	DIST
POT	877261.943	1379663.326		
LINE			N 04°02'17.4" W	185.32
POT	877446.807	1379650.275		

EY4 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	878934.496	1377418.804							
LINE			N 02°23'15.5" E	50.06					
PC	878984.516	1377420.889							
CURVE			N 02°42'50.1" W	73.64	10°12'11.3"(L T)	13°52'14.9"	73.56	36.97	414.08
PT	879058.074	1377417.403							
LINE			N 07°40'55.8" W	15.12					
PC	879073.057	1377415.346							
CURVE			N 11°10'56.8" W	63.28	06°44'01.9"(L T)	10°39'02.3"	63.23	31.69	538.73
PT	879135.136	1377403.074							
LINE			N 14°32'57.7" W	86.90					
PC	879219.247	1377381.244							
CURVE			N 14°55'40.6" W	26.43	00°45'25.6"(L T)	02°51'54.3"	26.43	13.21	2000.00
PT	879244.783	1377374.436							
LINE			N 15°18'23.4" W	54.80					
PC	879297.635	1377359.971							
CURVE			N 14°25'39.6" W	30.68	01°45'27.5"(RT)	05°43'55.1"	30.66	15.34	1000.00
PCC	879327.344	1377352.328							
CURVE			N 12°42'56.6" W	29.08	01°39'58.4"(RT)	05°43'55.1"	29.07	14.54	1000.00
PT	879355.710	1377345.927							
LINE			N 11°52'57.4" W	18.38					
POT	879373.694	1377342.143							

EY4A POINT	N	E	BEARING	DIST
POT	879273.767	1377267.659		
LINE			N 57°40'31.0" E	100.20
POT	879327.344	1377352.328		

EY5 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	880056.210	1376974.202							
LINE			N 63°27'02.4" E	4.80					
PC	880058.357	1376978.500							
CURVE			N 78°32'34.7" E	26.04	30°11'05.0"(RT)	180°00'00.0"	16.77	13.48	50.00
PT	880063.529	1377004.019							
LINE			S 86°21'52.8" E	37.44					
PC	880061.155	1377041.382							
CURVE			S 89°28'30.9" E	54.26	06°13'16.2"(L T)	11°28'42.0"	54.20	27.17	500.00
PT	880060.658	1377095.643							
LINE			N 87°24'51.0" E	12.68					
PC	880061.230	1377108.307							
CURVE			N 84°59'28.4" E	253.65	04°50'45.0"(L T)	01°54'35.8"	253.72	126.94	3000.00
PCC	880083.376	1377360.990							
CURVE			N 79°19'39.5" E	96.95	06°28'52.8"(L T)	06°41'08.0"	96.95	48.55	857.49
PT	880101.330	1377456.262							

EY6 POINT	N	E	BEARING	DIST
POT	881079.960	1376447.341		
LINE			N 07°12'34.0" E	650.93
POT	881725.740	1376529.030		

EY7 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	881665.578	1375777.971							
LINE			S 39°13'17.6" W	5.32					
PC	881661.455	1375774.606							
CURVE			S 32°30'15.5" W	11.70	13°26'04.3"(L T)	180°00'00.0"	7.46	5.89	50.00
PT	881651.591	1375768.321							
LINE			S 25°47'13.4" W	108.84					
PC	881553.592	1375720.974							
CURVE			S 30°27'50.2" W	70.78	09°21'13.6"(RT)	13°13'46.0"	70.70	35.51	434.06
PCC	881492.581	1375685.087							
CURVE			S 53°47'49.3" W	176.36	37°18'44.7"(RT)	20°54'03.9"	178.52	93.07	275.65
PCC	881388.416	1375542.779							
CURVE			S 71°12'40.9" W	116.45	02°29'01.5"(L T)	02°07'58.1"	116.45	58.24	2686.56
PT	881350.909	1375432.532							

EY7A POINT	N	E	BEARING	DIST
POT	881325.765	1375641.268		
LINE			N 16°58'26.2" W	100.12
POT	881421.526	1375612.039		

EY8 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	882251.468	1374520.664							
LINE			S 75°33'09.1" E	299.67					
PC	882176.704	1374810.853							
CURVE			S 76°03'24.4" E	149.12	01°00'30.7"(L T)	00°40'34.7"	149.12	74.56	8472.00
PCC	882140.772	1374955.581							
CURVE			S 75°25'19.8" E	121.01	02°16'39.9"(RT)	01°52'56.2"	121.01	60.52	3044.09
PT	882110.315	1375072.692							
LINE			S 74°16'59.9" E	34.33					
PC	882101.015	1375105.743							
CURVE			S 70°37'22.9" E	97.28	07°19'14.0"(RT)	07°31'32.4"	97.27	48.74	761.89
PT	882068.739	1375197.511							
LINE			S 66°57'45.8" E	92.29					
PC	882032.622	1375282.444							
CURVE			S 59°06'56.6" E	182.86	15°41'38.4"(RT)	08°33'49.5"	183.26	92.29	669.67
PT	881938.760	1375439.375							

EY9 POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
POT	885664.955	1372621.950							
LINE			S 72°59'53.6" W	177.76					
PC	885612.977	1372451.958							
CURVE			S 73°39'07.1" W	103.54	01°18'27.0"(RT)	01°15'46.2"	103.54	51.77	4537.13
PT	885583.835	1372352.609							
LINE			S 74°18'20.6" W	221.93					
PC	885523.803	1372138.954							
CURVE			S 48°41'20.8" W	58.09	51°13'59.5"(L T)	96°12'08.7"	53.26	32.21	67.17
PT	885485.458	1372095.324							
LINE			S 23°04'21.1" W	15.95					
POT	885470.786	1372089.074							

EY9A POINT	N	E	BEARING	DIST
POT	882014.929	1375504.507		
LINE			S 33°33'50.0" W	100.58
POT	881931.120	1375448.900		

NOTES:

- PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 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.

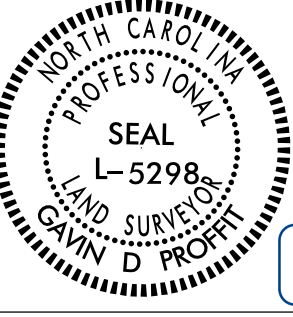
PROJECT REFERENCE NO.
R-5759

SHEET NO.
RW02C-5

Location and Surveys



Dewberry Engineers Inc.
6000 North Carolina Parkway, Suite 200
Charlotte, NC 28268
Phone: 704.506.8818
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www.dewberry.com
NCELS # 0089

PROJECT SURVEYOR


DocuSigned by:

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DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

The Project Control was provided by NCDOT
Class of survey: **AA**
Type of GPS field procedure: RTN
Datum/Epoch: NAD 83 (2011) / 2010.00
Published/Fixed-control used: N/A
Localized around: R5759-4
Northing: 882112.334
Easting: 1375178.976
Combined grid factor: 0.9999463766
Geoid model: G12NC
Units: Survey Feet

I certify that the Baseline Control for this project was completed under my direct and responsible charge from an actual survey made under my supervision; that all horizontal closures had a minimum ratio of precision of 1:20,000 (Class AA) and Vertical accuracy to Class A. Field work was performed from 6/2017 to 7/2017 , and all coordinates are based on NAD 83/2011 and all elevations are based on NAVD 88; that this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 3rd day of May, 2023.

DocuSigned by:

ADAB83C3B86A4C7
GAVIN D. PROFFITT
Professional Land Surveyor L-5298