PROJECT REFERENCE NO.	SHEET NO.
R-5861	RW02C-11

Location and Surveys

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - SURVEYING - CONSTRUCTION OBSERVATION

SURVEY CONTROL SHEET

W/ EXISTING CENTERLINE ALIGNMENTS PRIOR TO CONSTRUCTION

EY6

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	497686.759	478104.248							
CURVE			S 49°22'33.8" E	100.55	13°20'46.0"(RT)	13°14'35.4"	100.78	50.62	432.64
PCC	497621.292	478180.565							
CURVE			S 22°12'40.2" E	125.26	40°59'01.2"(RT)	32°01'31.4"	127.97	66.86	178.91
PCC	497505.325	478227.916							
CURVE			S 01°20'29.4" E	78.53	00°45'20.4"(RT)	00°57'44.1"	78.53	39.27	5954.35
PCC	497426.815	478229.755							
CURVE			S 22°50'23.9" E	51.48	43°45'09.5"(LT)	82°55'54.1"	52.76	27.74	69.09
PCC	497379.366	478249.739							
CURVE			S 82°30'48.1" E	46.83	75°35'38.9"(LT)	149°57'37.0"	50.41	29.63	38.21
PCC	497373.265	478296.172							
CURVE			N 54°33'00.2" E	34.72	10°16'44.5"(LT)	29°33'46.1"	34.77	17.43	193.81
PCC	497393.404	478324.458							
CURVE			N 54°25'57.9" E	90.50	10°02'39.9"(RT)	11°05'05.2"	90.61	45.42	516.89
PT	497393.404	478324.458							

EY7

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	500733.566	476231.964							
CURVE			S 83°23'58.4" E	217.02	04°00'06.8"(LT)	01°50'37.2"	217.06	108.57	3107.69
PCC	500708.621	476447.542							
CURVE			S 78°37'11.1" E	95.81	13°33'41.3"(RT)	14°07'19.7"	96.03	48.24	405.72
PCC	500689.717	476541.464							
CURVE			S 49°26'53.6" E	106.69	44°46'53.9"(RT)	40°54'41.7"	109.46	57.70	140.05
PCC	500620.351	476622.533							
CURVE			S 29°12'44.4" E	51.30	04°18'35.6"(LT)	08°23'58.8"	51.31	25.67	682.12
PCC	500575.577	476647.569							
CURVE			S 50°24'55.3" E	92.49	38°05'46.1"(LT)	40°26'06.8"	94.22	48.92	141.70
PCC	500516.641	476718.849							
CURVE			N 88°45'04.0" E	154.75	43°34'15.3"(LT)	27°28'55.4"	158.54	83.33	208.48
PT	500516.641	476718.849							

EY8

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	502667.173	475426.298							
CURVE			N 72°48'04.0" E	98.87	41°29'32.7"(RT)	41°03'23.1"	101.06	52.86	139.55
PCC	502696.407	475520.745							
CURVE			S 76°19'51.3" E	79.33	20°14'36.7"(RT)	25°23'08.3"	79.74	40.29	225.70
PCC	502677.660	475597.828							
CURVE			S 65°07'54.4" E	254.89	02°09'17.0"(RT)	00°50'43.0"	254.91	127.47	6778.23
PT	502677.660	475597.828							

EY9

POINT	N	E	BEARING	DIST	DELTA	D	L	T	R
PC	502152.562	475336.390							
CURVE			N 74°42'26.8" E	82.33	13°15'43.9"(LT)	16°04'22.4"	82.51	41.44	356.47
PCC	502174.276	475415.803							
CURVE			N 51°45'41.4" E	68.01	32°37'46.9"(LT)	47°20'02.5"	68.93	35.43	121.05
PCC	502216.368	475469.219							
CURVE			N 10°03'43.5" E	75.17	50°46'08.9"(LT)	65°20'53.6"	77.69	41.60	87.68
PCC	502290.385	475482.353							
CURVE			N 19°30'49.1" W	71.95	08°22'56.3"(LT)	11°38'22.6"	72.02	36.07	492.25
PCC	502358.203	475458.319							
CURVE			N 22°36'14.4" W	129.46	02°12'05.6"(RT)	01°42'01.5"	129.47	64.74	3369.51
PCC	502477.723	475408.558							
CURVE			N 13°19'19.4" W	98.52	16°21'44.3"(RT)	16°33'07.7"	98.85	49.77	346.15
PCC	502573.589	475385.857							
CURVE			N 23°16'09.7" E	102.01	56°49'14.1"(RT)	53°26'39.4"	106.32	57.99	107.21
PT	502573.589	475385.857							

EY10

POINT	N	E	BEARING	DIST
POT	505943.189	473294.534		
LINE			N 51°30'06.1" E	1145.39
POT	506656.187	474190.950		

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

6/2/99

10-AUG-2021 09:14
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