

REVISIONS

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Projects\2025\25-01574\25-01574-001\Design\Location Surveys\Working Files\R5600_LS_RW02D-2_JMT-1.dgn

PROPOSED ALIGNMENT CONTROL SHEET

PROPOSED ALIGNMENT: Y12												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	615752.1497	747679.5154	S03°51'12"W	84.46							
PC	10+84.46	615667.8851	747673.8396	S02°49'55"E	69.85	13°22'14"	19°05'55"	70.01	35.16	300		
PRC	11+54.46	615598.1209	747677.2906	S06°44'00"E	34	05°34'03"	16°22'13"	34.01	17.02	350		
PT	11+88.47	615564.3592	747681.2766	S03°56'59"E	171.44							
END	13+59.91	615393.3285	747693.0854									

PROPOSED ALIGNMENT: Y13												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	615193.1472	747712.0641	N60°18'10"E	119.67							
PC	11+19.67	615252.4331	747816.0156	N54°03'20"E	50.06	12°29'40"	24°54'40"	50.16	25.18	230		
PT	11+69.83	615281.8166	747856.5412	N47°48'30"E	33.41							
END	12+03.24	615304.2566	747881.2962									

PROPOSED ALIGNMENT: Y14												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
PC	10+00.00	613513.1081	747527.4251	N30°48'51"E	88.34	21°12'39"	23°52'24"	88.85	44.94	240		
PT	10+88.85	613588.9789	747572.6785	N20°12'31"E	53.2							
PC	11+42.05	613638.9047	747591.0561	N10°01'25"E	70.73	20°22'12"	28°38'52"	71.1	35.93	200		
PRC	12+13.15	613708.5561	747603.3671	N48°50'38"E	75.48	98°00'39"	114°35'30"	85.53	57.53	50		
PT	12+98.68	613758.2285	747660.1954	S82°09'02"E	53.6							
END	13+52.29	613750.9083	747713.2942									

PROPOSED ALIGNMENT: Y15												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	612558.4833	747249.6665	S86°09'00"E	34.38							
PC	10+34.38	612556.1746	747283.9730	S64°02'05"E	120.47	44°13'50"	35°48'36"	123.51	65.02	160		
PT	11+57.90	612503.4294	747392.2834	S41°55'10"E	35.88							
PC	11+93.78	612476.7318	747416.2541	S69°20'28"E	221.06	54°50'36"	23°52'24"	229.73	124.52	240		
PT	14+23.51	612398.7422	747623.0966	N83°14'14"E	82.56							
END	15+06.07	612408.4648	747705.0857									

PROPOSED ALIGNMENT: Y16												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	612448.1935	747700.3745	N83°14'14"E	178.55							
PC	11+78.55	612489.2191	747877.6796	N88°47'56"E	57.14	13°07'24"	22°55'06"	57.26	28.76	250		
PT	12+35.81	612468.4197	747934.8153	S83°38'22"E	30.03							
END	12+65.84	612468.0930	747964.6590									

PROPOSED ALIGNMENT: Y17												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	612470.8457	747914.6306	S01°43'18"W	21.43							
PC	10+21.43	612449.4253	747913.9867	S19°28'32"E	28.93	42°23'40"	143°14'22"	29.6	15.51	40		
PT	10+51.03	612422.1539	747923.631	S40°40'22"E	52.67							
END	11+03.70	612382.2037	747957.9607									

PROPOSED ALIGNMENT: Y18												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
PC	10+00.00	611674.716	747571.2296	N46°37'19"E	50.1	73°13'50"	136°25'07"	53.68	31.21	42		
PT	10+53.68	611709.1258	747607.6448	N83°14'14"E	179.12							
END	12+32.80	611730.2184	747785.515									

PROPOSED ALIGNMENT: Y19												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	611708.4403	747788.0975	N87°11'37"E	176.31							
END	11+76.31	611717.0721	747964.1927									

PROPOSED ALIGNMENT: Y20												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	611355.1921	747829.9871	N81°22'56"E	169.03							
END	11+69.03	611380.5197	747997.1058									

PROPOSED ALIGNMENT: Y21												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	609899.9696	747547.0836	N82°02'08"E	309.1							
END	13+09.10	609942.7985	747853.2009									

PROPOSED ALIGNMENT: Y22												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	609931.2476	747853.1173	N88°28'28"E	21.62							
PC	10+21.62	609931.8231	747874.7252	S66°06'33"E	68.67	50°49'58"	71°37'11"	70.98	38.01	80		
PT	10+92.59	609904.0117	747937.5124	S40°41'34"E	64.46							
PC	11+57.05	609855.1391	747979.5388	S75°08'46"E	101.83	68°54'24"	63°39'43"	108.24	61.75	90		

PROPOSED ALIGNMENT: Y23												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	609274.8546	747878.7834	N86°02'33"E	295.28							
PC	12+95.28	609295.2347	748173.3623	N83°32'22"E	113.54	05°00'20"	04°24'27"	113.57	56.82	1300		

PROPOSED ALIGNMENT: Y24												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	608530.2112	748074.5546	N63°56'45"E	78.07							
PC	10+78.07	608564.5031	748144.695	N78°26'49"E	120.19	29°00'08"	23°52'24"	121.48	62.07	240		
PRC	11+99.56	608588.5746	748262.4518	N89°47'43"E	77	06°18'20"	08°11'06"	77.04	38.56	700		
PT	12+76.59	608588.8495	748339.4479	N86°38'34"E	69.98							
END	13+46.57	608592.9475	748409.3043									

PROPOSED ALIGNMENT: DR1												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	613092.4145	747404.4559	S87°59'26"E	260.2							
END	12+60.20	613083.2912	747664.4913									

PROPOSED ALIGNMENT: DR2												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	613087.3848	747664.4588	S87°59'26"E	277.55							
END	12+77.55	613077.653	747941.8355									

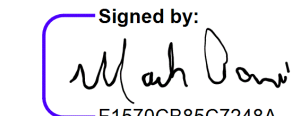
PROPOSED ALIGNMENT: DR3												
POINT	STATION	NORTHING	EASTING	BEARING	DIST	DELTA	D	L	T	R	LT	ST
START	10+00.00	614996.4362	747793.7206	N71°59'03"E	40.43							
PC	10+40.43	615008.9409	747832.1703	N27°50'40"E	34.82	88°16'47"	229°10'59"	38.52	24.26	25		
PT	10+78.95	615039.73	747848.4341	N16°17'44"W	99.52							
PC	11+78.47	615135.2474	747820.5111	N31°59'24"E	99.58	96°34'15"	95°29'35"	101.13	67.31	60		
PRC	12+79.60	615211.2207	747867.986	S31°59'24"W	89.58	96°34'15"	95°29'35"	101.13	67.31	60		
PT	13+80.72	615135.2474	747820.5111	S16°17'44"E	99.52							
PC	14+80.24	615039.73	747848.4341	S27°50'40"W	34.82	88°16'47"	229°10'59"	38.52	24.26	25		
PT	15+18.76	615008.9409	747832.1703	S71°59'03"W	40.43							
END	15+59.19	614996.4362	747793.7206									

NOTES:

- 1. IF FURTHER INFORMATION REGARDING PROJECT CONTROL IS NEEDED PLEASE CONTACT THE LOCATION AND SURVEYS UNIT.
- 2. PROJECT CONTROL WAS ESTABLISHED USING GNSS, THE GLOBAL NAVIGATION SATELLITE SYSTEM.
- 3. RIGHT OF WAY MONUMENTATION ESTABLISHED 03/23/2023 TO 07/10/2025.

I, Mark A. Parris, certify that the right of way and permanent easement monumentation for this project shown herein 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 1:10,000 (Class A). Field work was performed from 03/23/2023 to 07/10/2025, and all coordinates are based on NAD83/2011; That this survey was performed to meet the requirements of 21NCAC 56.1600 as applicable.

This 10th day of July, 2025.

Signed by:

E1570CB85C7248A
Professional Land Surveyor L-4529

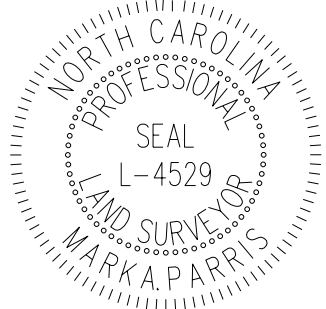
PROJECT REFERENCE NO.
R-5600

SHEET NO.
RW02D-2

Location and Surveys



PROJECT SURVEYOR



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED