6/2/99

REVISIONS

PROJECT REFERENCE NO.	SHEET NO.
I-5972	RW05

Location and Surveys

CH ENGINEERING

3220 GLEN ROYAL RD. RALEIGH, NC 27617
TEL. (919) 788-0224 FAX (919) 788-0232
CORPORATE LICENSE # P-0189

PROJECT SURVEYOR

NORTH CAROLINA PROFESSIONAL SEAL L-5191 LAND SURVEYOR DALE LORUE McGOWAN

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-T1-

PI Sta 28+10.58	PI Sta 47+53.97
Δ = 67°39'37" (RT)	Δ = 9°37'23" (RT)
D = 1°38'47"	D = 0°43'109"
L = 648.64'	L = 174.86'
T = 384.50'	T = 87.77'
R = 3,480.00'	R = 1,900.00'

-RPA-

PI Sta 11+33.57	PI Sta 15+24.34	PI Sta 19+02.42
Δ = 4°24'26.5"	Δ = 28°10'05.2" (LT)	Δ = 4°24'26.5"
Ls = 200.00'	D = 4°24'26.5"	Ls = 200.00'
LT = 133.39'	L = 651.51'	LT = 133.39'
ST = 66.70'	T = 324.34'	ST = 66.70'
	R = 1,300.00'	

-RPB-

PI Sta 14+89.96	PI Sta 18+20.58	PI Sta 20+87.81
Δ = 26°55'43.8" (RT)	Δ = 4°46'28.7"	Δ = 3°42'40.1"
D = 4°46'28.7"	Ls = 200.00'	Ls = 200.00'
L = 553.18'	LT = 133.39'	LT = 133.39'
T = 281.96'	ST = 66.71'	ST = 66.65'
R = 1,200.00'		

PI Sta 24+54.11	
Δ = 33°56'26.3" (LT)	
D = 7°42'40.1"	
L = 550.46'	
T = 283.24'	
R = 590.00'	

-RPC-

Pts Sta 11+33.35	PI Sta 13+58.05	
Δ = 3°05'49.4" (LT)	Δ = 10°00'40.3" (LT)	
Ls = 200.00'	D = 3°05'49.4"	
LT = 133.39'	L = 324.29'	
ST = 66.69'	T = 162.04'	
	R = 1,850.00'	

Pts Sta 15+82.01	Pts Sta 22+70.08	PI Sta 23+88.57
Δ = 3°05'49.4" (RT)	Δ = 5°43'46.5"	Δ = 5°55'50.7" (LT)
Ls = 200.00'	Ls = 200.00'	D = 3°43'46.5"
LT = 133.39'	LT = 133.40'	L = 423.57'
ST = 66.69'	ST = 66.73'	T = 211.80'
		R = 1,600.00'

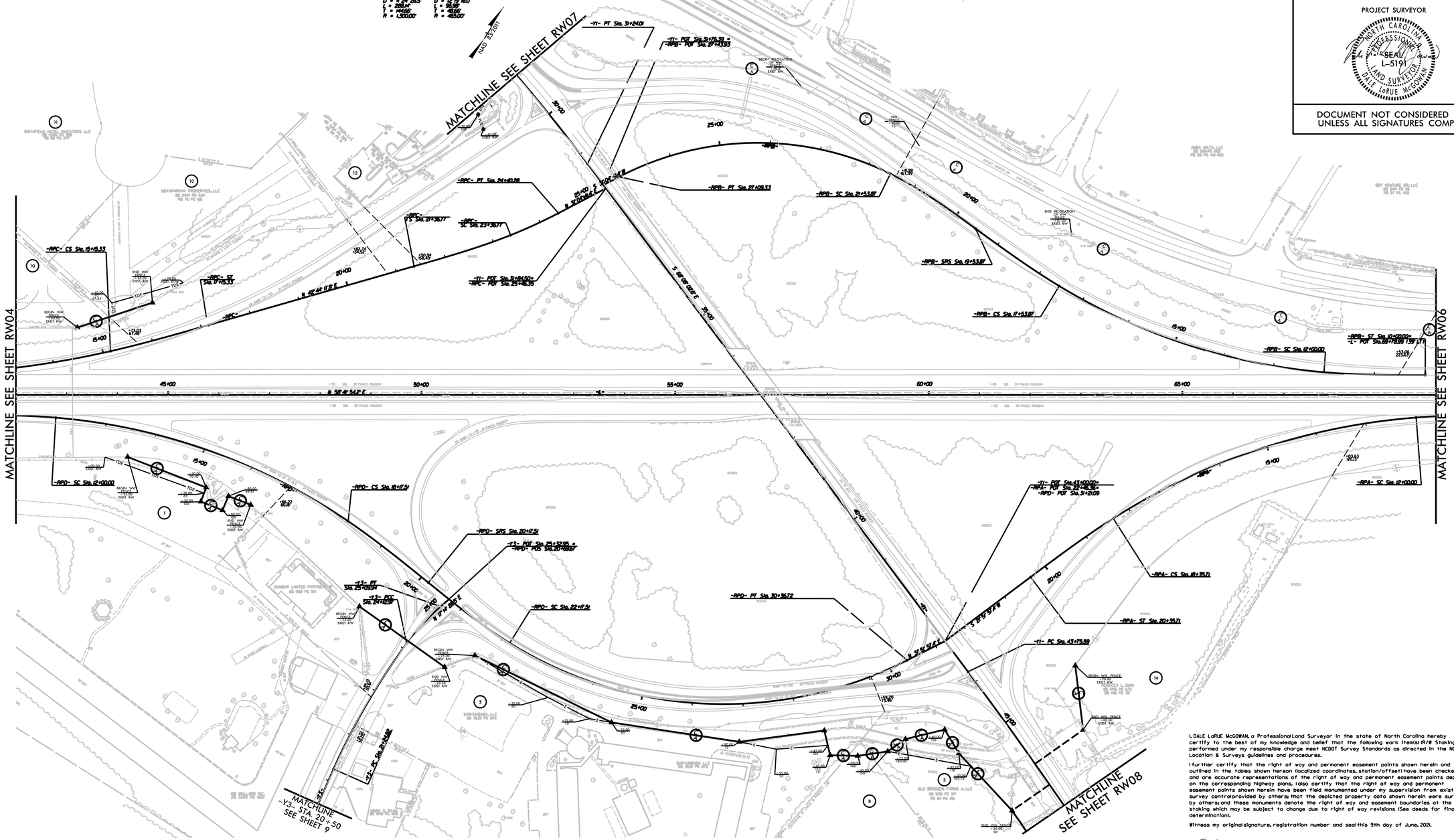
-RPD-

Pts Sta 11+33.33	PI Sta 15+45.79	
Δ = 4°46'28.7"	Δ = 57°25'10.3" (RT)	
Ls = 200.00'	D = 4°46'28.7"	
LT = 133.39'	L = 667.54'	
ST = 66.71'	T = 365.79'	
	R = 1,200.00'	

PI Sta 18+44.22	Pts Sta 21+50.95	PI Sta 23+67.80
Δ = 4°46'28.7"	Δ = 1°09'43.1"	Δ = 58°47'18.2" (LT)
Ls = 200.00'	Ls = 200.00'	D = 7°09'43.1"
LT = 133.39'	LT = 133.44'	L = 895.31'
ST = 66.71'	ST = 66.71'	T = 448.60'
		R = 800.00'

-Y3-

PI Sta 22+69.49	PI Sta 24+46.63
Δ = 12°41'50.1" (RT)	Δ = 8°36'37.1" (RT)
D = 4°24'26.5"	D = 12°19'60.1"
L = 288.14'	L = 98.96'
T = 144.66'	T = 49.66'
R = 1,300.00'	R = 465.00'



I, DALE LoRUE McGOWAN, a Professional Land Surveyor in the state of North Carolina hereby certify to the best of my knowledge and belief that the following work Item(s) R/W Staking) performed under my responsible charge meet NCDOT Survey Standards as directed in the NCDOT Location & Surveys guidelines and procedures.

I further certify that the right of way and permanent easement points shown herein and outlined in the tables shown hereon (localized coordinates, station/offset) have been checked and are accurate representations of the right of way and permanent easement points depicted on the corresponding highway plans. I also certify that the right of way and permanent easement points shown herein have been field monumented under my supervision from existing survey control provided by others; that the depicted property data shown herein were surveyed by others; and these monuments denote the right of way and easement boundaries at the time of staking which may be subject to change due to right of way revisions (See deeds for final determination).

Witness my original signature, registration number and seal this 9th day of June, 2021.

Professional Land Surveyor L-5191 PLS * Seal

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.

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