

5/14/19

Kimley Horn

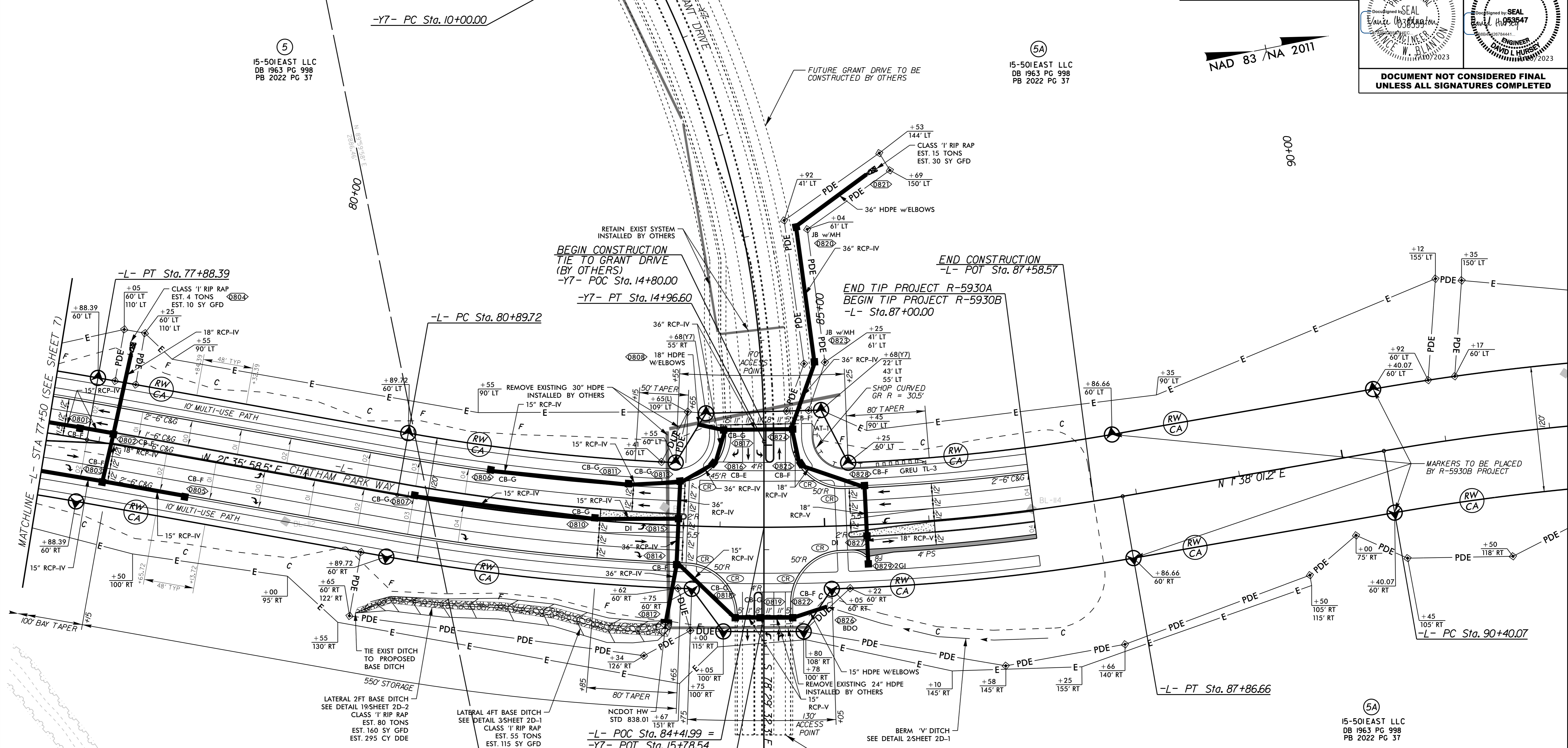
421 FAYETTEVILLE STREET, SUITE 600
RALEIGH, NC 27601

RIGHT-OF-WAY REV.
CONST. REV.

PROJECT REFERENCE NO. R-5930A	SHEET NO. 8
ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

BM*6 ELEVATION = 445.84'
 N 728.259 E 1.955.699
 BL STATION 84+67.9, 331.0' LEFT
 L STATION 91+56.97, 375.34' LEFT
 RAILROAD SPIKE IN 13' OAK

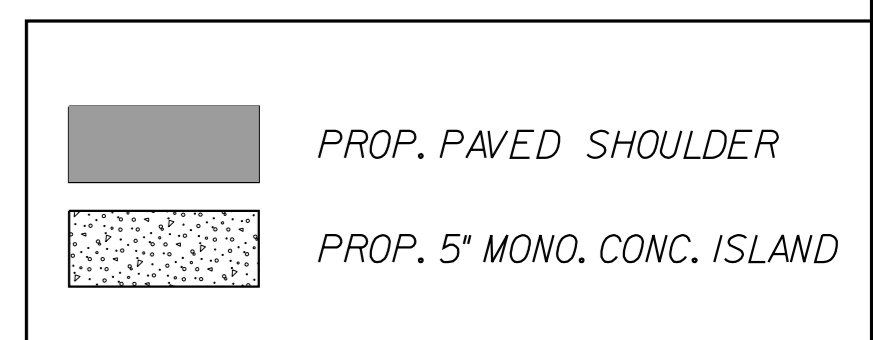
NAD 83 / NA 2011



REVISIONS

-L-	-Y7-	-L-	-Y7-
PI Sta 70+27.00	PI Sta 84+41.76	PI Sta 93+44.86	PI Sta 12+53.53
$\Delta = 39' 35" 18.7" (RT)$	$\Delta = 19' 57" 57.3" (LT)$	$\Delta = 15' 05" 51.3" (RT)$	$\Delta = 28' 27" 11.8" (RT)$
$D = 2' 29" 28.0"$	$D = 2' 51" 53.2"$	$D = 2' 29" 28.0"$	$D = 5' 43" 46.5"$
$L = 1,589.19'$	$L = 696.94'$	$L = 606.06'$	$L = 496.60'$
$T = 827.79'$	$T = 352.04'$	$T = 304.79'$	$T = 253.53'$
$R = 2,300.00'$	$R = 2,000.00'$	$R = 2,300.00'$	$R = 1,000.00'$
$SE = 0.03$	$SE = 0.04$	$SE = 0.03$	
$RO = 144$	$RO = 192$	$RO = 144$	

2025 AVERAGE DAILY TRAFFIC		-Y7- (GRANT DR EXTENSION)	
2045	AVERAGE DAILY TRAFFIC	DHV = 8%	3500
		DIR = 55%	11200
		TTST = 1%	
		DUAL = 3%	
		6800	2800
		21800	6000
		700	4700
		1500	15100
		0	800
		3000	
		0	7500
		DHV = 8%	
		DIR = 65%	
		TTST = 1%	
		DUAL = 2%	



SEE SHEET II FOR -L- PROFILE
 SEE SHEETS 2D-1 TO 2D-2 FOR DRAINAGE DETAILS

6/9/2023