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PROJECT REFERENCE NO.	SHEET NO.
B-5119	5
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 033167 ENGINEER JAMES J. PACE — DocuSigned by: Jason Pace 12/2/2014 — 7FF73A34E03847C...

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 026480 ENGINEER LARRY W. ROBINSON JR. — DocuSigned by: Larry Robinson 12/2/2014 — CE17829710D643E...

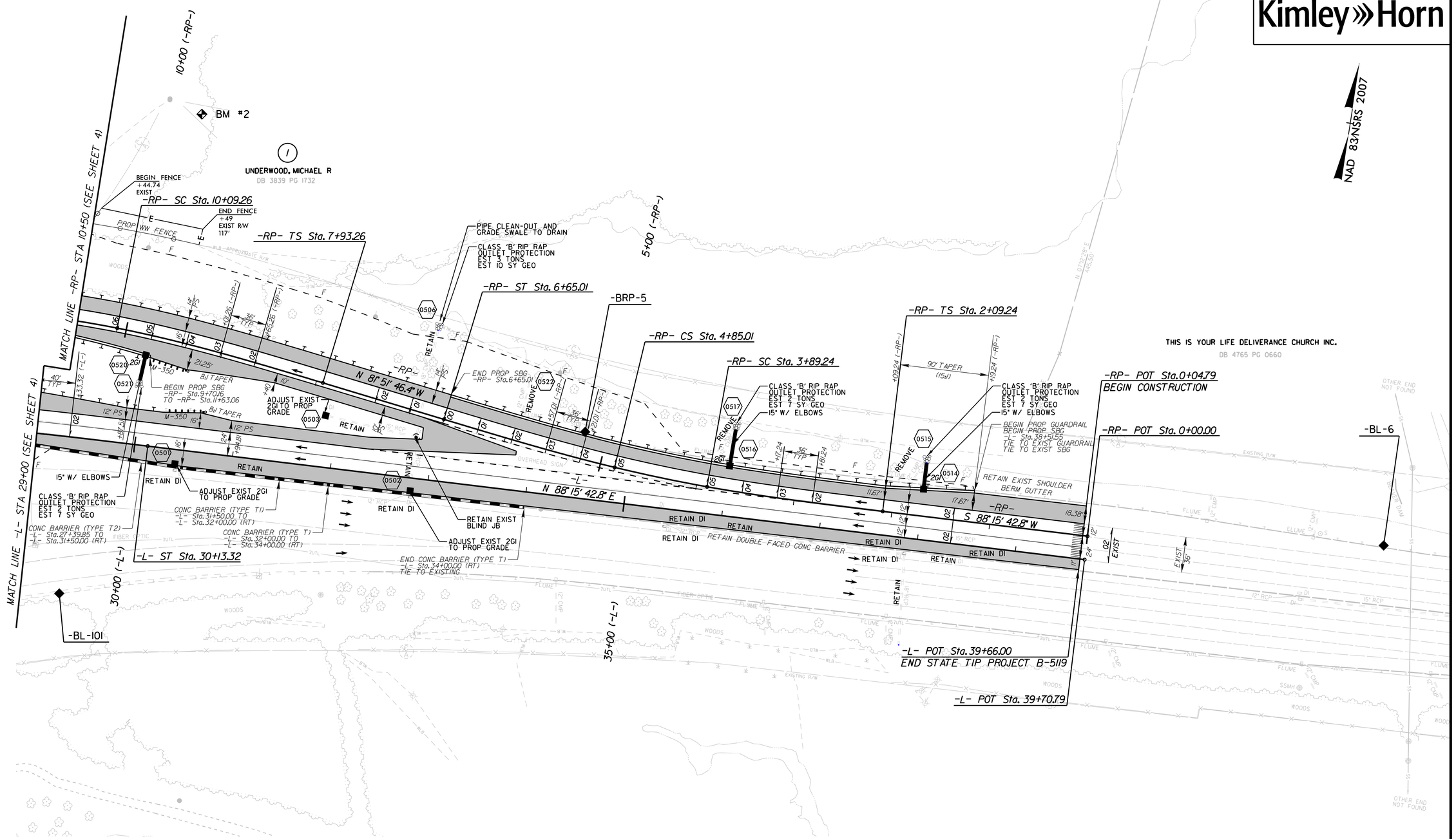
Kimley»Horn

-L-

PIs Sta.17+92.75	PI Sta.23+48.64	PIs Sta.28+53.35
Θs = 2° 46' 38.4"	Δ = 28° 24' 16.9" (RT)	Θs = 3° 55' 43.9"
Θs = 3° 55' 46.2"	D = 3° 16' 26.6"	Ls = 240.00'
Ls = 240.00'	L = 867.57'	LT = 160.04'
LT = 127.00'	T = 442.89'	ST = 80.04'
ST = 113.27'	R = 1,750.00'	
	DS = 60 MPH	
	SE = 0.06	
	RO = 240'	

-RP-

PIs Sta.3+29.26	PI Sta.4+37.14	PIs Sta.5+45.03	PIs Sta.9+37.34	PI Sta.12+15.74	PIs Sta.14+89.53
Θs = 3° 13' 22.4"	Δ = 3° 25' 46.0" (RT)	Θs = 3° 13' 22.4"	Θs = 5° 37' 31.5"	Δ = 21° 15' 42.2" (LT)	Θs = 5° 37' 31.5"
Ls = 180.00'	D = 3° 34' 51.6"	Ls = 180.00'	Ls = 216.00'	D = 5° 12' 31.3"	Ls = 216.00'
LT = 120.02'	L = 95.77'	LT = 120.02'	LT = 144.07'	L = 408.20'	LT = 144.07'
ST = 60.02'	T = 47.90'	ST = 60.02'	ST = 72.07'	T = 206.47'	ST = 72.07'
	R = 1,600.00'			R = 1,100.00'	
	DS = 50 MPH			DS = 50 MPH	
	SE = 0.05			SE = 0.06	
	RO = 180'			RO = 216'	



SEE SHEET NO.6 FOR -L- PROFILE
SEE SHEET NO.7 FOR -RP- PROFILE

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12/2/2014