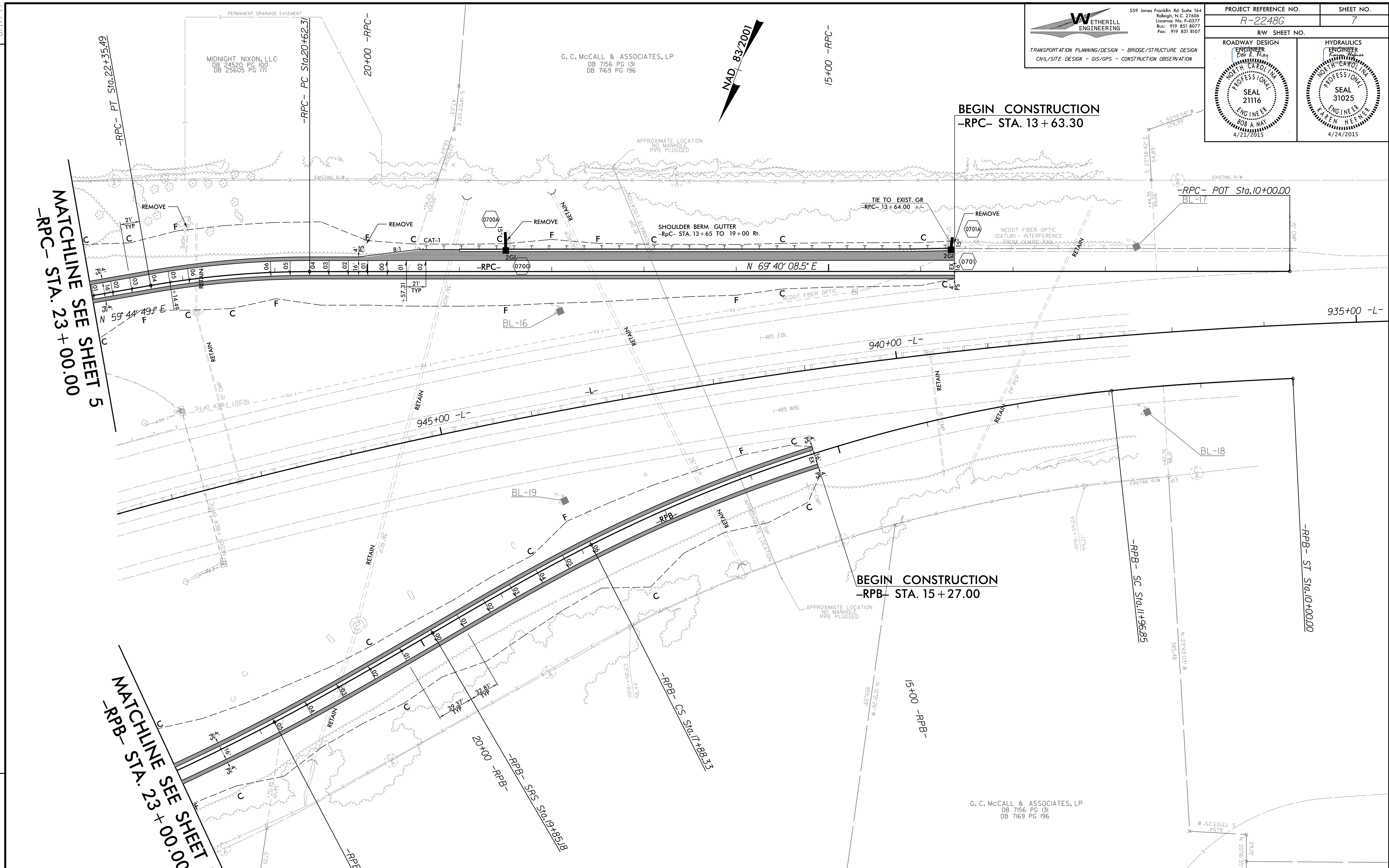


WETHERILL ENGINEERING
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
 CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

PROJECT REFERENCE NO. R-2248G	SHEET NO. 7
RW SHEET NO.	
ROADWAY DESIGN ENGINEER Bob A. May SEAL 21116 ENGINEER BOB A. MAY 4/21/2015	HYDRAULICS ENGINEER Aren Heitner SEAL 31025 ENGINEER AREN HEITNER 4/24/2015



REVISIONS

MATCHLINE SEE SHEET 5
 -RPC- STA. 23+00.00

MATCHLINE SEE SHEET 5
 -RPB- STA. 23+00.00

SEE SHEET 10 FOR -RPB- PROFILE
 SEE SHEET 11 FOR -RPC- PROFILE

-L- CURVE DATA		-RPB- CURVE DATA			-RPC- CURVE DATA	
PI Sta. 945+27.10	PIs Sta. 11+31.26	PI STA. 14+95.83	PIs Sta. 18+53.96	PIs Sta. 21+16.42	PI STA. 23+25.77	PI STA. 21+49.12
$\Delta = 37^{\circ}00'51.6"$ (LT)	$\Theta_s = 3^{\circ}26'15.9"$	$\Delta = 20^{\circ}39'31.7"$ (LT)	$\Theta_s = 3^{\circ}26'15.9"$	$\Theta_s = 2^{\circ}27'06.8"$	$\Delta = 7^{\circ}09'08.2"$ (RT)	$\Delta = 9^{\circ}55'19.4"$ (LT)
D = 0'59'52.6"	Ls = 196.85'	D = 3'29'33.9"	Ls = 196.85'	Ls = 196.85'	D = 2'29'28.0"	D = 5'43'46.5"
L = 3,709.11'	LT = 131.26'	L = 591.48'	LT = 131.26'	LT = 131.26'	L = 287.11'	L = 173.17'
T = 1,921.86'	ST = 65.64'	T = 298.98'	ST = 65.64'	ST = 65.63'	T = 143.74'	T = 86.80'
R = 5,741.46'		R = 1,640.42'		R = 2,300.00'	R = 1,000.00'	R = 1,000.00'
SE = EXIST.		SE = SEE PLANS		SE = 0.05	SE = 0.05	SE = SEE PLANS
		DS = 50 MPH		DS = 50 MPH	DS = 50 MPH	DS = 50 MPH

4/14/2015 10:52:38 AM rdu_psh_07.pln.dgn

DUKE ENERGY CAROLINAS, LLC
 DB 23840 PG 899
 DB 24255 PG 785

G. C. McCALL & ASSOCIATES, LP
 DB 7156 PG 131
 DB 7169 PG 196