

RAMP "B"

Pls Sta 0+35.107	PI Sta 1+25.158	Pls Sta 2+09.426
$\theta_s = 5^{\circ} 03' 47.5"$	$\Delta = 16^{\circ} 28' 40.6"$ (LT)	$\theta_s = 3^{\circ} 49' 11.0"$
Ls = 60.000	L = 129.418	Ls = 60.000
R1 = 1382.300	R = 65.158	LT = 40.009
R2 = 450.000	R = 450.000	ST = 20.008
LT = 35.107	SE = 6%	
ST = 24.930		

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Pls Sta 287+56.600	PI Sta 290+71.002	Pls Sta 293+78.672
$\theta_s = 2^{\circ} 33' 28.3"$	$\Delta = 22^{\circ} 02' 53.6"$ (LT)	$\theta_s = 2^{\circ} 33' 28.3"$
Ls = 125.000	L = 538.740	Ls = 125.000
LT = 83.342	T = 272.744	LT = 83.342
ST = 41.675	R = 1,400.000	ST = 41.675
	SE = 4%	

RAMP "C"

Pls Sta 0+20.001	PI Sta 1+00.009	Pls Sta 2+82.025
$\theta_s = 1^{\circ} 12' 44.8"$	$\Delta = 18^{\circ} 04' 55.7"$ (RT)	$\theta_s = 3^{\circ} 49' 11.0"$
Ls = 60.000	L = 142.017	Ls = 60.000
LT = 40.001	T = 71.604	LT = 40.009
R = 1417.700	R = 450.000	ST = 20.008
SE = 4%	SE = 6%	

RAMP "C"

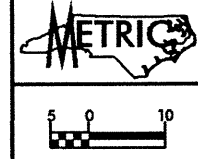
Pls Sta 1+00.009	PI Sta 1+91.604	Pls Sta 2+82.025
$\theta_s = 3^{\circ} 49' 11.0"$	$\Delta = 18^{\circ} 04' 55.7"$ (RT)	$\theta_s = 3^{\circ} 49' 11.0"$
Ls = 60.000	L = 142.017	Ls = 60.000
LT = 40.009	T = 71.604	LT = 40.009
ST = 20.008	R = 450.000	ST = 20.008
	SE = 6%	

-Y8-

Pls Sta 25+18.527	PI Sta 26+12.936	Pls Sta 27+04.439
$\theta_s = 5^{\circ} 43' 46.5"$	$\Delta = 27^{\circ} 52' 03.2"$ (RT)	$\theta_s = 5^{\circ} 43' 46.5"$
Ls = 60.000	L = 145.914	Ls = 60.000
LT = 40.021	L = 74.430	LT = 40.021
ST = 20.019	R = 300.000	ST = 20.019
	SE = 8%	

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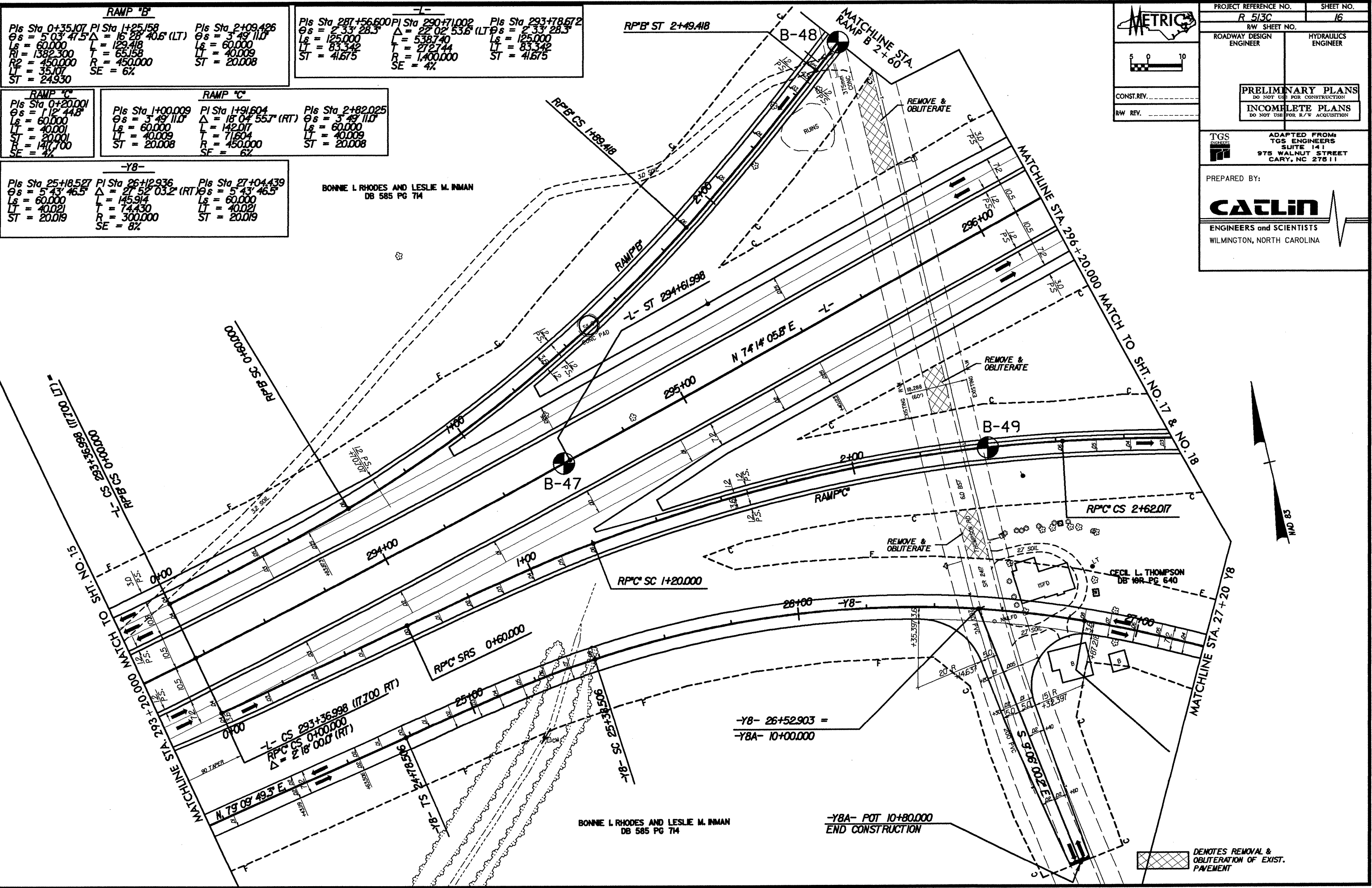


CONST. REV. _____
RW REV. _____

PROJECT REFERENCE NO. R 513C	SHEET NO. 16
RW SHEET NO. ROADWAY DESIGN ENGINEER	HYDRAULICS ENGINEER
PRELIMINARY PLANS DO NOT USE FOR CONSTRUCTION INCOMPLETE PLANS DO NOT USE FOR R/W ACQUISITION	

TGS
ADAPTED FROM:
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PREPARED BY:
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DENOTES REMOVAL & OBLITERATION OF EXIST. PAVEMENT