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5/14/99

PROJECT REFERENCE NO.	SHEET NO.
17BP.11.R.146	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 21122 ENGINEER MICHAEL T. MERRITT
DocuSigned by: Michael T. Merritt 11/20/2019

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 039850 ENGINEER JONATHAN M. WHITTINGTON
DocuSigned by: Jonathan M. Whittington 11/20/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L-

PI Sta 10+42.13	PI Sta 11+34.72	PI Sta 14+78.02	PI Sta 15+57.44	PI Sta 16+21.95
Δ = 11° 43' 57.1" (LT)	Δ = 22° 57' 25.5" (LT)	Δ = 31° 36' 31.5" (RT)	Δ = 25° 11' 41.5" (RT)	Δ = 21° 10' 50.0" (RT)
D = 13° 58' 28.5"	D = 22° 55' 05.9"	D = 28° 38' 52.4"	D = 49° 49' 20.7"	D = 27° 01' 34.7"
L = 83.96'	L = 100.17'	L = 110.34'	L = 50.57'	L = 78.37'
T = 42.13'	T = 50.77'	T = 56.61'	T = 25.70'	T = 39.64'
R = 410.00'	R = 250.00'	R = 200.00'	R = 115.00'	R = 212.00'
SE = EXIST	SE = .04	SE = .04	SE = EXIST	
	R0 = 60'	R0 = 60'		
	DS = 25 MPH	DS = 25 MPH		

-DRI-

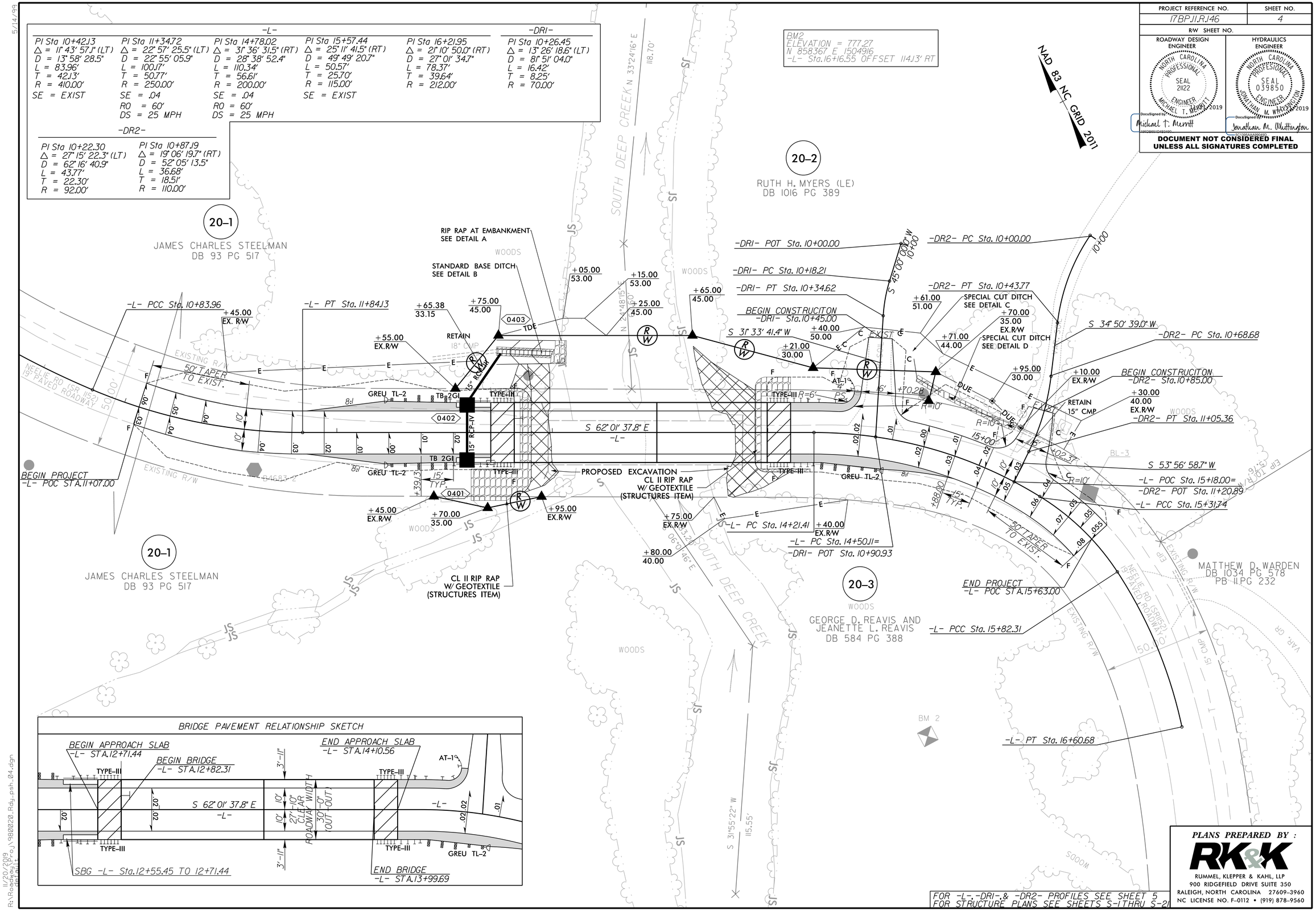
PI Sta 10+26.45
Δ = 13° 26' 18.6" (LT)
D = 81° 51' 04.0"
L = 16.42'
T = 8.25'
R = 70.00'

-DR2-

PI Sta 10+22.30	PI Sta 10+87.19
Δ = 27° 15' 22.3" (LT)	Δ = 19° 06' 19.7" (RT)
D = 62° 16' 40.9"	D = 52° 05' 13.5"
L = 43.77'	L = 36.68'
T = 22.30'	T = 18.51'
R = 92.00'	R = 110.00'

BM2
ELEVATION = 777.27
N 858367 E 1504916
-L- Sta.16+16.55 OFFSET 114.13' RT

NAD 83 NC GRID 2011



BRIDGE PAVEMENT RELATIONSHIP SKETCH

FOR -L-, -DRI-, & -DR2- PROFILES SEE SHEET 5
FOR STRUCTURE PLANS SEE SHEETS S-1 THRU S-21

PLANS PREPARED BY :
RK&K
RUMMEL, KLEPPER & KAHL, LLP
900 RIDGEFIELD DRIVE SUITE 350
RALEIGH, NORTH CAROLINA 27609-3960
NC LICENSE NO. F-0112 • (919) 878-9560

11/20/2019
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