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PROJECT REFERENCE NO.	SHEET NO.
17BP.14.R.176	4
R/W SHEET NO.	

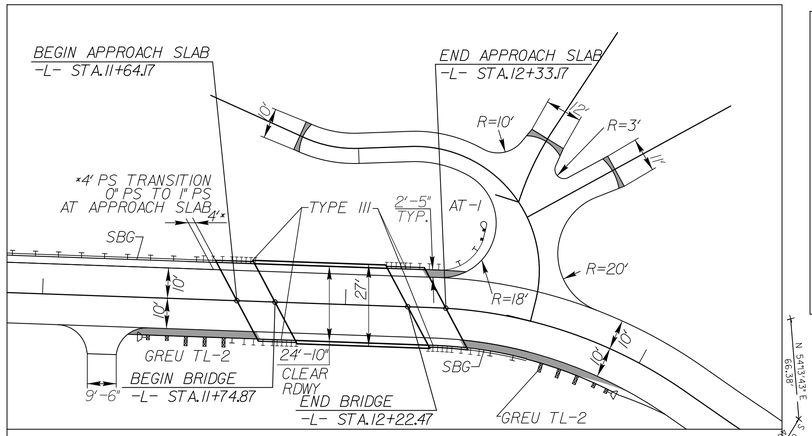
ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 043139 ENGINEER HOLLY E. CHRISTENBURY — DocuSigned by: Holly Christenbury 2/1/2019

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 27876 ENGINEER RANA STANSELL — DocuSigned by: Rana Stansell 2/1/2019

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

WSP USA
434 FAYETTEVILLE STREET
SUITE 1500
RALEIGH, NC 27601
TEL: 1.919.836.4040
FAX: 1.919.836.4099
LICENSE NO. F-0165

NAD 1983 NA 2011



SKETCH SHOWING DIMENSION OF PAVEMENT AND SHOULDERS IN RELATION TO PROPOSED BRIDGE WIDTH

PAVED SHOULDER

-L-

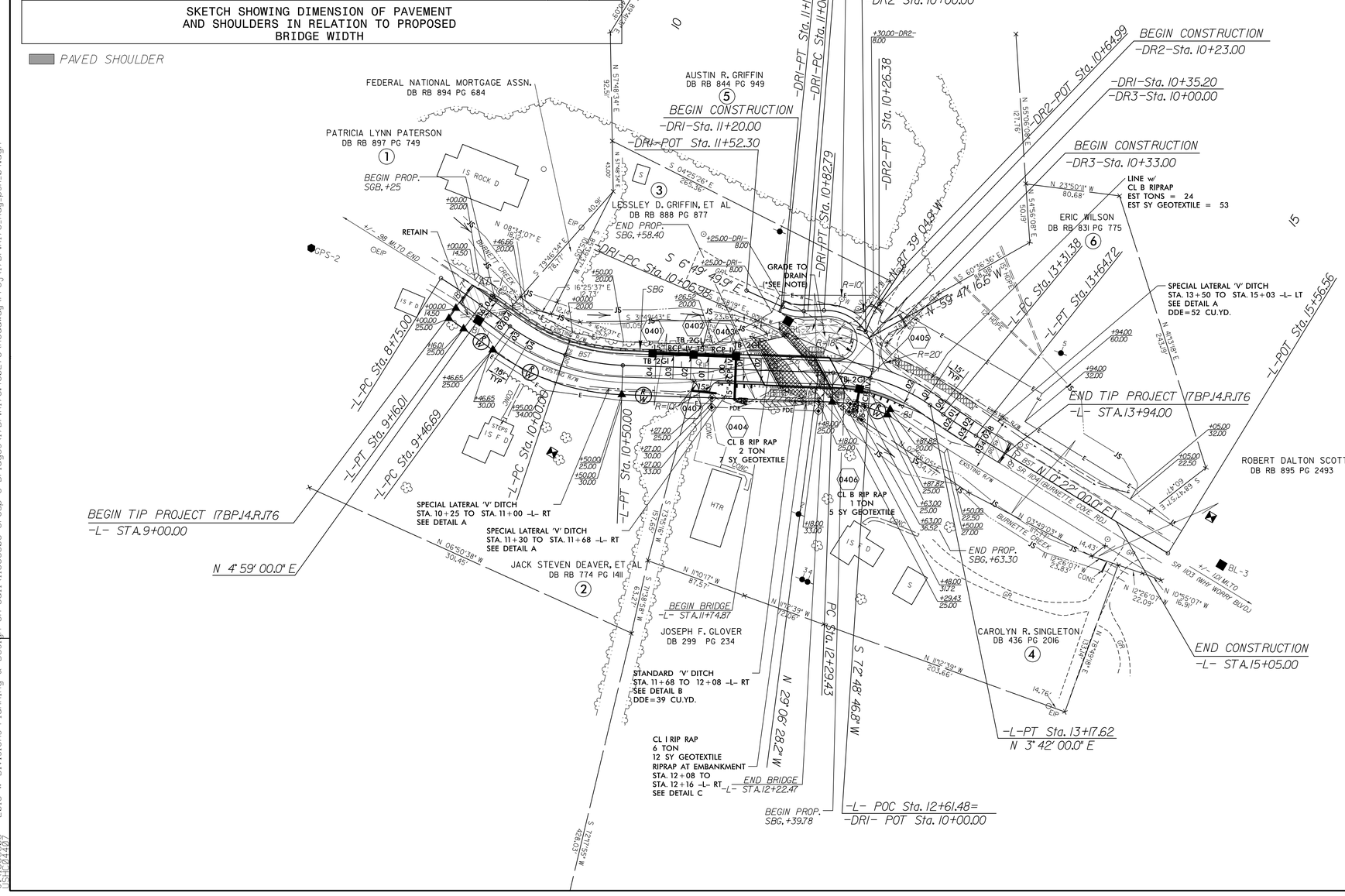
PI Sta 8+95.51	PI Sta 09+99.93	PI Sta 12+74.77	PI Sta 13+48.05
Δ = 4° 09' 58.8" (RT)	Δ = 34° 05' 28.2" (LT)	Δ = 32° 48' 28.2" (RT)	Δ = 3° 20' 00.0" (LT)
D = 10° 09' 31.8"	D = 33° 00' 00.0"	D = 37° 12' 18.2"	D = 9° 59' 57.3"
L = 41.01'	L = 103.31'	L = 88.18'	L = 33.34'
T = 20.51'	T = 53.23'	T = 45.34'	T = 16.67'
R = 564.00'	R = 173.62'	R = 154.00'	R = 573.00'
	SE = 04	SE = NON-STANDARD	
	RO = 60'		
	DS = 25 MPH		

-DRI-

PI Sta 10+61.33	PI Sta 11+09.39
Δ = 105° 56' 28.0" (LT)	Δ = 26° 17' 51.3" (RT)
D = 139° 44' 44.9"	D = 143° 14' 22.0"
L = 75.81'	L = 18.36'
T = 54.35'	T = 9.34'
R = 41.00'	R = 40.00'

-DR2-

PI Sta 10+13.28
Δ = 15° 54' 34.9" (RT)
D = 60° 18' 40.8"
L = 26.38'
T = 13.28'
R = 95.00'


S 33° 07' 41.2" E
WELL IS NOT TO BE DISTURBED DURING CONSTRUCTION;
CONTRACTOR TO REPAIR/REPLACE WATERLINE/WELL IF DAMAGED DURING CONSTRUCTION
-DRI-Sta. 10+40.93
-DR2-Sta. 10+00.00
BEGIN CONSTRUCTION
-DR2-Sta. 10+23.00
-DRI-Sta. 10+35.20
-DR3-Sta. 10+00.00
BEGIN CONSTRUCTION
-DR3-Sta. 10+33.00
FEDERAL NATIONAL MORTGAGE ASSN.
DB RB 894 PG 684
PATRICIA LYNN PATERSON
DB RB 897 PG 749
AUSTIN R. GRIFFIN
DB RB 844 PG 949
BEGIN CONSTRUCTION
-DRI-Sta. 11+20.00
-DRI-POT Sta. 11+52.30
BEGIN PROP. SBG, +25
LESSLEY D. GRIFFIN, ET AL
DB RB 888 PG 877
END PROP. SBG, +58.40
LINE w/
CL B RIPRAP
EST TONS = 24
EST SY GEOTEXTILE = 53
ERIC WILSON
DB RB 831 PG 775
SPECIAL LATERAL 'V' DITCH
STA. 13+50 TO STA. 15+03 -L- LT
SEE DETAIL A
DDE=52 CU.YD.
GRADE TO DRAIN (*SEE NOTE)
CL B RIP RAP
2 TON
7 SY GEOTEXTILE
CL B RIP RAP
1 TON
5 SY GEOTEXTILE
END TIP PROJECT 17BP.14.R.176
-L- STA.13+94.00
ROBERT DALTON SCOTT
DB RB 895 PG 2493
BEGIN TIP PROJECT 17BP.14.R.176
-L- STA.9+00.00
N 4° 59' 00.0" E
SPECIAL LATERAL 'V' DITCH
STA. 10+25 TO STA. 11+00 -L- RT
SEE DETAIL A
SPECIAL LATERAL 'V' DITCH
STA. 11+30 TO STA. 11+68 -L- RT
SEE DETAIL A
JACK STEVEN DEAVER, ET AL
DB RB 774 PG 1411
BEGIN BRIDGE
-L- STA.11+74.87
JOSEPH F. GLOVER
DB 299 PG 234
CAROLYN R. SINGLETON
DB 436 PG 2016
END CONSTRUCTION
-L- STA.15+05.00
STANDARD 'V' DITCH
STA. 11+68 TO 12+08 -L- RT
SEE DETAIL B
DDE=39 CU.YD.
CL I RIP RAP
6 TON
12 SY GEOTEXTILE
RIPRAP AT EMBANKMENT
STA. 12+08 TO
STA. 12+16 -L- RT
SEE DETAIL C
END BRIDGE
-L- STA.12+22.47
BEGIN PROP. SBG, +39.78
-L- POC Sta. 12+61.48=
-DRI- POT Sta. 10+00.00
-L-PT Sta. 13+17.62
N 3° 42' 00.0" E
END PROP. SBG, +63.30
-DRI-PT Sta. 11+18.40
-DRI-PC Sta. 11+00.04
-DRI-PT Sta. 10+82.79
-DR2-PT Sta. 10+26.38
-DR2-POT Sta. 10+64.99
-L-PC Sta. 13+31.38
-L-PT Sta. 13+64.72
-L-POT Sta. 15+56.56
-L-PC Sta. 8+75.00
-L-PT Sta. 9+16.01
-L-PC Sta. 9+46.69
-L-PT Sta. 10+50.00
-L-PC Sta. 10+00.00
S 6° 19' 49.9" E
S 04°25'26" E
265.36'
N 11°32'39" W
203.66'
N 11°0'17" W
87.57'
N 11°0'39" W
22.06'
N 10°22'00.0" E
N 3°49'03" W
N 10°55'07" W
16.51'
N 12°26'10" W
22.09'
N 23°50'11" W
80.68'
N 55°56'08" E
121.78'
N 60°36'16" E
N 41°37'39" W
N 59°47'16" W
S 72° 48' 46.8" W
S 17°17'55" W
428.03'
N 29° 06' 28.2" W
PC Sta. 12+29.43
GPS-2
+/- 98' MLTO END
SR 1103 (WHP WORRY BLVD)
BL-3
+/- 60' MLTO
BURNETTE COVE RD
BURNETTE CREEK
HTR
RETAIN
SBG
EXISTING R/W
CONC
GR
JS
IS F D
IS ROCK D
STEPS
0401
0402
0403
0404
0405
0406
TB 2GI
TB 2GI
TB 2GI