PROJECT REFERENCE NO.	SHEET NO.
17BP.1.R.77	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER DANIEL W. GARDNER, JR.

HYDRAULICS ENGINEER: NORTH CAROLINA PROFESSIONAL SEAL 033023 ENGINEER BRADLEY S. RIDDIOUR

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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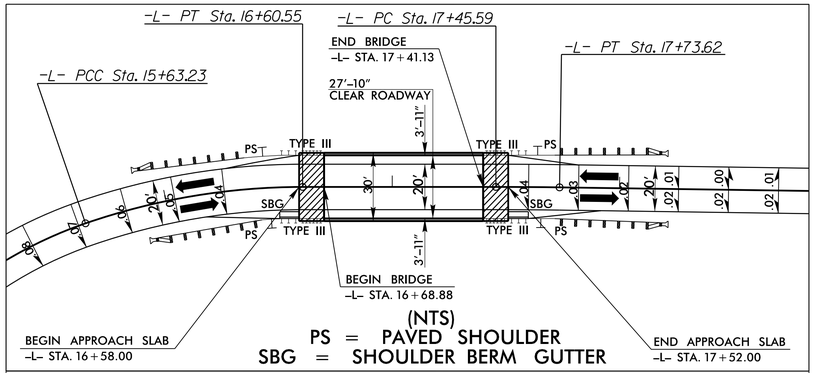
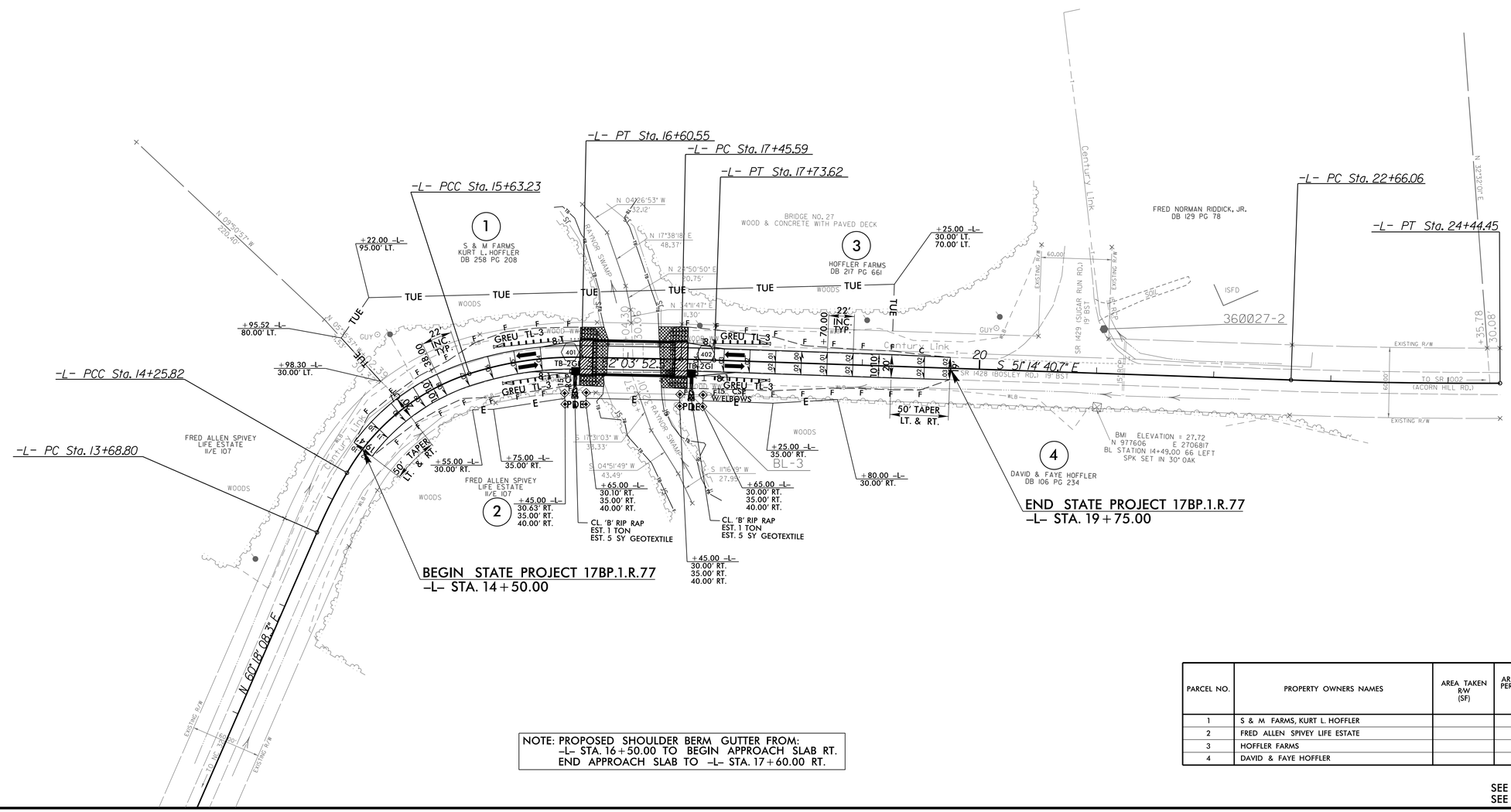


Sketch showing Dimensions of Pavement and Shoulder in Relation to Proposed Bridge Width

-L-				
PI Sta 13+97.34	PI Sta 14+97.81	PI Sta 16+12.34	PI Sta 17+59.60	PI Sta 23+55.26
Δ = 6° 22' 33.4" (RT)	Δ = 42° 13' 32.0" (RT)	Δ = 19° 01' 53.8" (RT)	Δ = 0° 49' 11.8" (RT)	Δ = 2° 11' 03.2" (LT)
D = 11° 10' 55.5"	D = 30° 43' 46.6"	D = 19° 33' 17.5"	D = 2° 55' 32.1"	D = 1° 13' 27.8"
L = 57.02'	L = 137.41'	L = 97.32'	L = 28.03'	L = 178.39'
T = 28.54'	T = 71.99'	T = 49.11'	T = 14.01'	T = 89.21'
R = 512.39'	*R = 186.45'	*R = 293.00'	R = 1,958.44'	R = 4,679.57'
	SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS	

*DESIGN EXCEPTION REQUIRED FOR HORIZONTAL CURVE RADIUS AND ASSOCIATED STOPPING SIGHT DISTANCE.

NAD 83/NA 2011



NOTE: PROPOSED SHOULDER BERM GUTTER FROM:
-L- STA. 16+50.00 TO BEGIN APPROACH SLAB RT.
END APPROACH SLAB TO -L- STA. 17+60.00 RT.

PARCEL NO.	PROPERTY OWNERS NAMES	AREA TAKEN R/W (SF)	AREA TAKEN PERM. DRAIN. EASE. (SF)	AREA TAKEN TEMP. UTILITY EASE. (SF)	AREA TAKEN TEMP. CONST. EASE. (SF)
1	S & M FARMS, KURT L. HOFFLER			9053.60	
2	FRED ALLEN SPIVEY LIFE ESTATE		176.10		615.06
3	HOFFLER FARMS		7506.36		
4	DAVID & FAYE HOFFLER		196.86		609.93

SEE SHEET 5 FOR -L- PROFILE PLANS
SEE S-1 THRU S-13 FOR STRUCTURE PLANS

REVISIONS

8/17/99

5/18/2018
17BP.1.R.77_360027_rdy_psh_04.dgn
USER:Rdgardner