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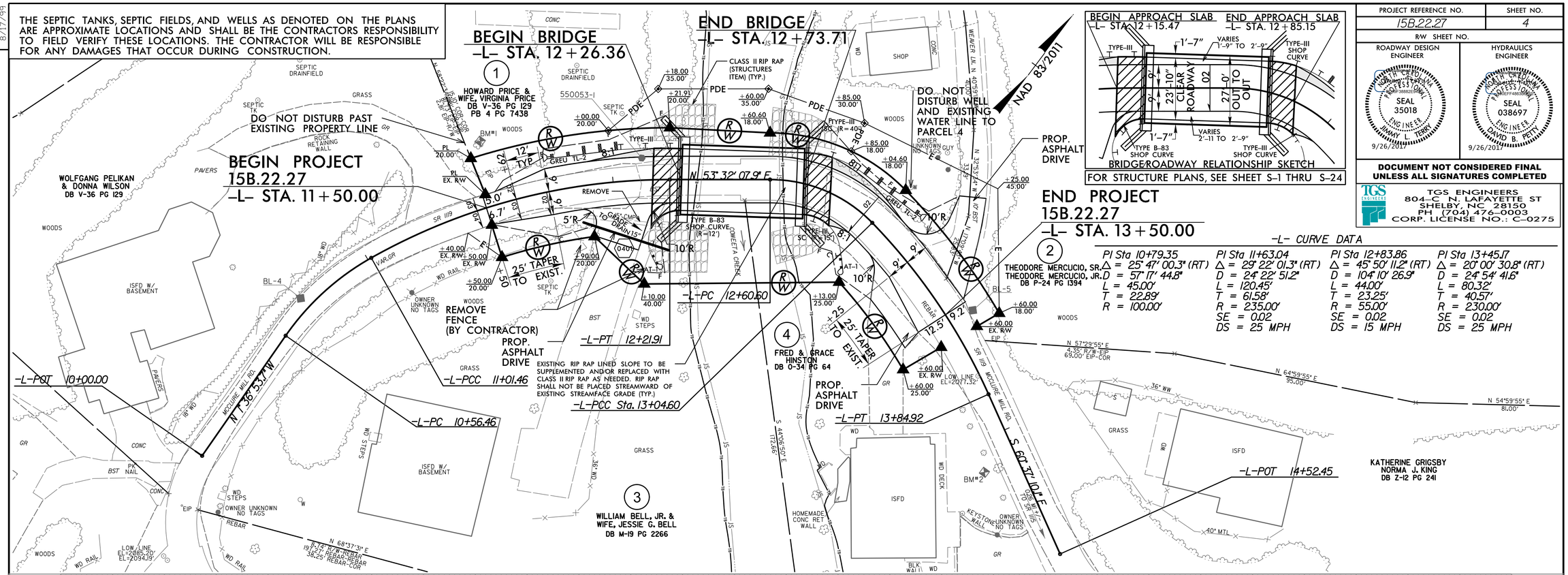
8/17/99

REVISIONS

THE SEPTIC TANKS, SEPTIC FIELDS, AND WELLS AS DENOTED ON THE PLANS ARE APPROXIMATE LOCATIONS AND SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THESE LOCATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY DAMAGES THAT OCCUR DURING CONSTRUCTION.



BEGIN APPROACH SLAB -L- STA. 12+15.47 | END APPROACH SLAB -L- STA. 12+85.15

BRIDGE/ROADWAY RELATIONSHIP SKETCH

FOR STRUCTURE PLANS, SEE SHEET S-1 THRU S-24

PROJECT REFERENCE NO.	SHEET NO.
15B.22.27	4
R/W SHEET NO.	

ROADWAY DESIGN ENGINEER: SEAL 35018, ENGINEER JIMMY L. TERRY, 9/26/2017

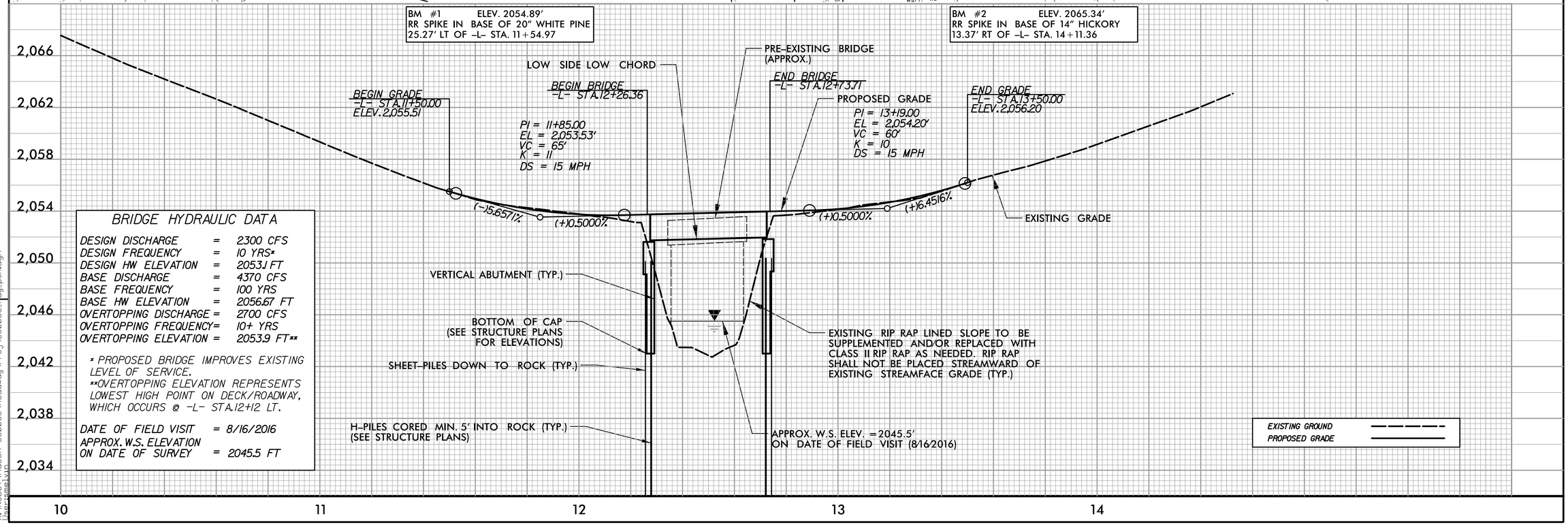
HYDRAULICS ENGINEER: SEAL 038697, ENGINEER DAVID B. PETTY, 9/26/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

TGS ENGINEERS
804-C N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

-L- CURVE DATA

PI Sta 10+79.35	PI Sta 11+63.04	PI Sta 12+83.86	PI Sta 13+45.17
Δ = 25° 47' 00.3" (RT)	Δ = 29° 22' 01.3" (RT)	Δ = 45° 50' 11.2" (RT)	Δ = 20° 00' 30.8" (RT)
D = 57° 17' 44.8"	D = 24° 22' 51.2"	D = 104° 10' 26.9"	D = 24° 54' 41.6"
L = 45.00'	L = 120.45'	L = 44.00'	L = 80.32'
T = 22.89'	T = 61.58'	T = 23.25'	T = 40.57'
R = 100.00'	R = 235.00'	R = 55.00'	R = 230.00'
	SE = 0.02	SE = 0.02	SE = 0.02
	DS = 25 MPH	DS = 15 MPH	DS = 25 MPH



BRIDGE HYDRAULIC DATA

DESIGN DISCHARGE	=	2300 CFS
DESIGN FREQUENCY	=	10 YRS*
DESIGN HW ELEVATION	=	2053.1 FT
BASE DISCHARGE	=	4370 CFS
BASE FREQUENCY	=	100 YRS
BASE HW ELEVATION	=	2056.67 FT
OVERTOPPING DISCHARGE	=	2700 CFS
OVERTOPPING FREQUENCY	=	10+ YRS
OVERTOPPING ELEVATION	=	2053.9 FT**

* PROPOSED BRIDGE IMPROVES EXISTING LEVEL OF SERVICE.
**OVERTOPPING ELEVATION REPRESENTS LOWEST HIGH POINT ON DECK/ROADWAY, WHICH OCCURS @ -L- STA.12+12 LT.

DATE OF FIELD VISIT	=	8/16/2016
APPROX. W.S. ELEVATION ON DATE OF SURVEY	=	2045.5 FT

8/21/2017
X:\NCDOT\Macon 550053\Roadway\Proj\550053_rdy_psh.dgn
User:smelvin