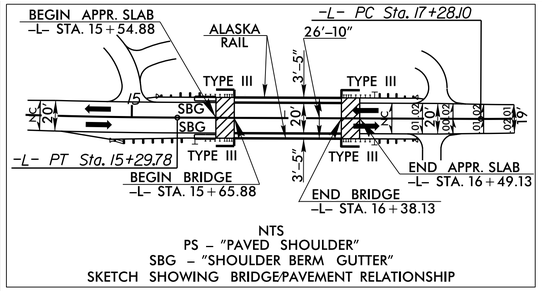
PROJECT REFERENCE NO.	SHEET NO.
B-4953	4
R/W SHEET NO.	

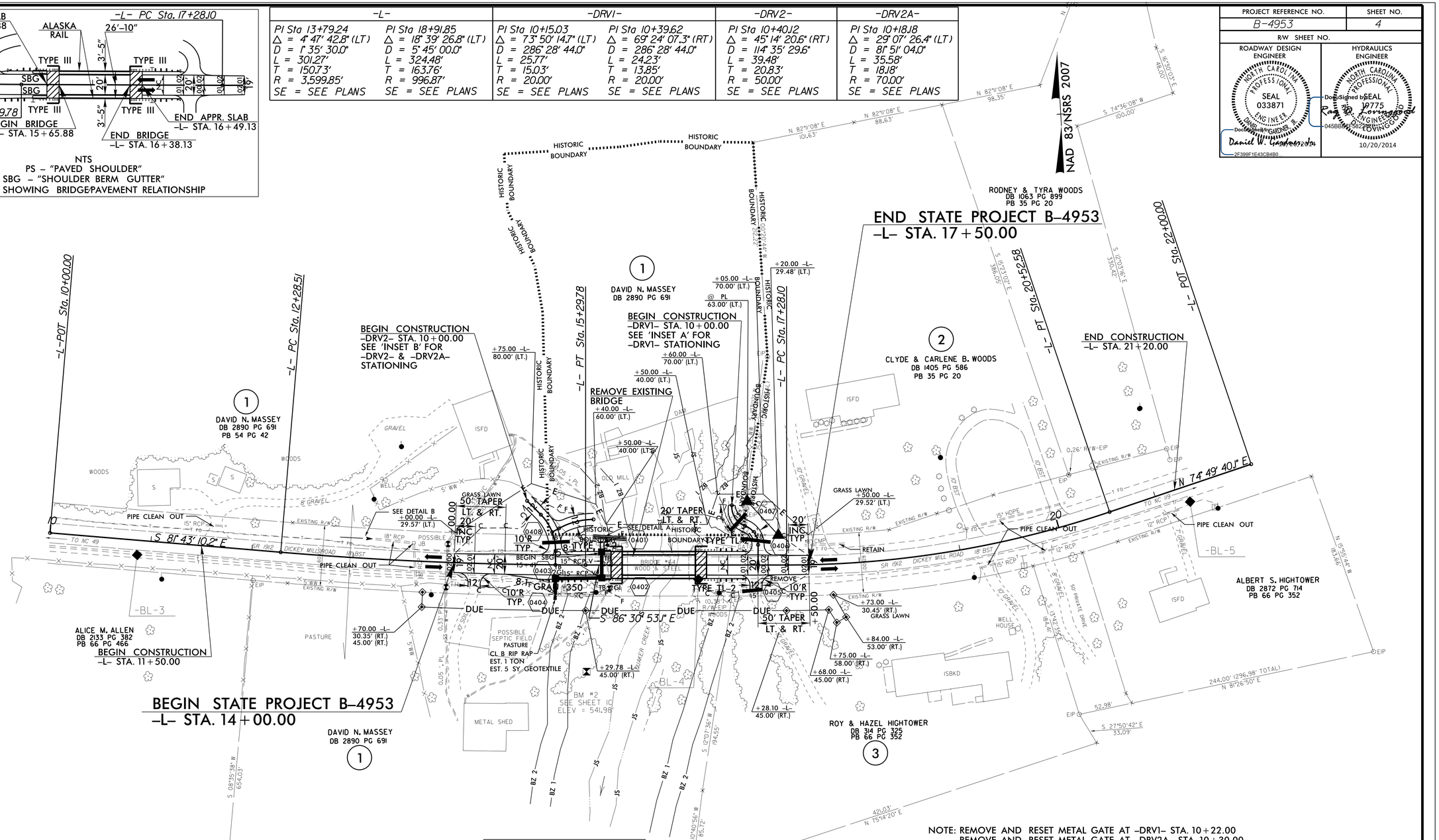
ROADWAY DESIGN ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 033871 ENGINEER
DocuSigned by: Daniel W. Gardenhour
2F399F1E43CB4B0...

HYDRAULICS ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL 19775 ENGINEER
DocuSigned by: Ryan Zimmerman
045BB9...
10/20/2014



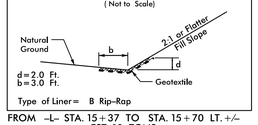
NTS
PS – "PAVED SHOULDER"
SBG – "SHOULDER BERM GUTTER"
SKETCH SHOWING BRIDGE/PAVEMENT RELATIONSHIP

-L-		-DRV1-		-DRV2-	-DRV2A-
PI Sta 13+79.24	PI Sta 18+91.85	PI Sta 10+15.03	PI Sta 10+39.62	PI Sta 10+40.12	PI Sta 10+18.18
Δ = 4° 47' 42.8" (LT)	Δ = 18° 39' 26.8" (LT)	Δ = 73° 50' 14.7" (LT)	Δ = 69° 24' 07.3" (RT)	Δ = 45° 14' 20.6" (RT)	Δ = 29° 07' 26.4" (LT)
D = 1° 35' 30.0"	D = 5° 45' 00.0"	D = 286° 28' 44.0"	D = 286° 28' 44.0"	D = 114° 35' 29.6"	D = 81° 51' 04.0"
L = 301.27'	L = 324.48'	L = 25.77'	L = 24.23'	L = 39.48'	L = 35.58'
T = 150.73'	T = 163.76'	T = 15.03'	T = 13.85'	T = 20.83'	T = 18.18'
R = 3,599.85'	R = 996.87'	R = 20.00'	R = 20.00'	R = 50.00'	R = 70.00'
SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS	SE = SEE PLANS



NOTE: REMOVE AND RESET METAL GATE AT -DRV1- STA. 10+22.00
REMOVE AND RESET METAL GATE AT -DRV2A- STA. 10+30.00

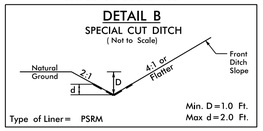
DETAIL A
TOE PROTECTION
(Not to Scale)



Type of Liner= B Rip-Rap

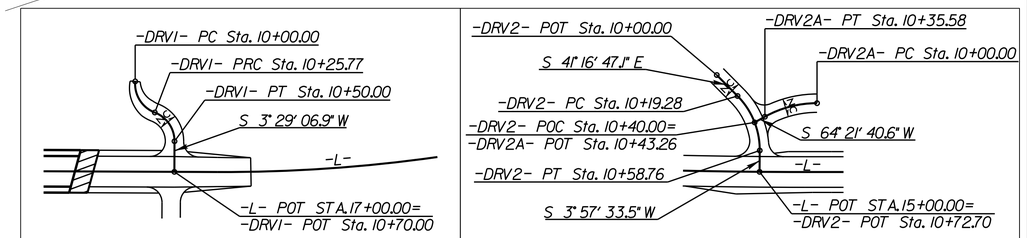
FROM -L- STA. 15+37 TO STA. 15+70 LT. +/-
EST. 10 TONS
EST. 26 SY GEOTEXTILE

DETAIL B
SPECIAL CUT DITCH
(Not to Scale)



Min. D=1.0 Ft.
Max d=2.0 Ft.
Type of Liner= PSRM

FROM -L- STA. 12+85 TO STA. 13+21 LT. +/-
PSRM = 50 SY



INSET A | -DRV1- HORIZONTAL ALIGNMENT | INSET B | -DRV2-/-DRV2A- HORIZONTAL ALIGNMENT

NOTE: PAVE ALL DRIVES TO BACK OF TURNOUT RADIUS

SEE SHEET 5 FOR -L- PROFILE
SEE SHEET 5 FOR -DRV1-, -DRV2- AND -DRV2A- PROFILE
SEE SHEETS S-1 THRU S-16 FOR STRUCTURE PLANS

REVISIONS

8/17/99

17-OCT-2014 14:40
R:\Roadway\Proj\B4953_rdy_psh.dgn
$$USERNAME$$