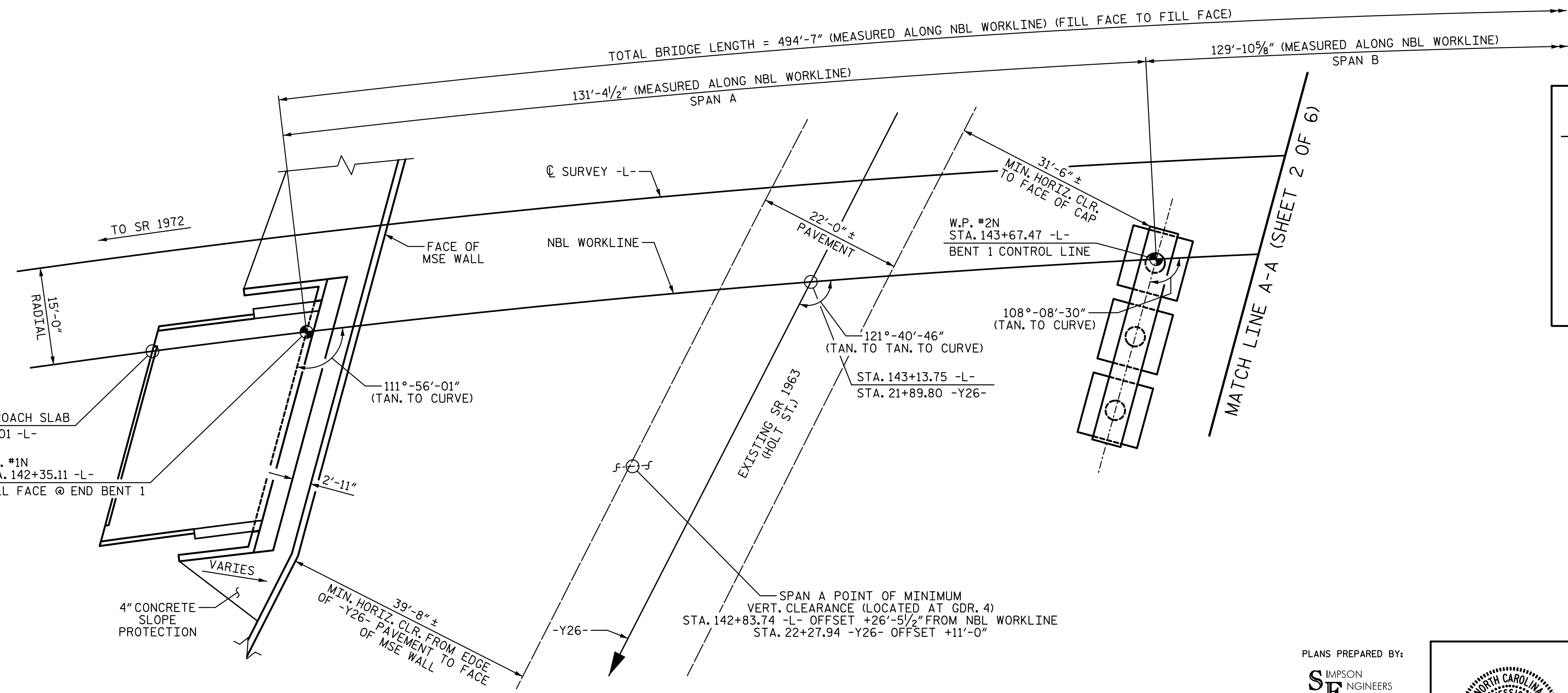


GRADE DATA -L-

(+)5.1600% (-)5.2000%

PVI STA. 145+00.00
 EL. = 689.41
 VC = 1035'

2/10/2017 9:50:12 AM G:\Projects\2014\U-3109A\Structures\Site 2\Site 2-Str 3 Bridge 435 (NBL)\Drawings\Final\403_U3109A_smu_gd.dgn



HORIZONTAL CURVE DATA -L-

PIs 141+33.32 -L-
 θs = 2°-51'-53.2"
 Ls = 200.00'
 LT = 133.35'
 ST = 66.68'

PI STA. 156+58.38 -L-
 Δ = 72°-11'-58.8" (RT.)
 D = 2°-51'-53.2"
 L = 2,520.24'
 T = 1,458.42'
 R = 2,000.00'

PROJECT NO. U-3109A
ALAMANCE COUNTY
 STATION: 146+61.35 -L-
22+02.76 -Y16-
 SHEET 1 OF 6 BRIDGE #435 MILE POST H-30

STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
GENERAL DRAWING
 FOR NBL BRIDGE ON NC 119
 OVER HOLT ST., NORFOLK SOUTHERN
 RAILROAD (NSRR) AND US 70
 BETWEEN SR 1972 AND SR 1921
 (NBL)

DRAWN BY: T. BANKOVICH	DATE: 9-15
CHECKED BY: J.A. BATTS	DATE: 9-15
DESIGN ENGINEER OF RECORD: J.A. BATTS	DATE: 9-15

PLANS PREPARED BY:
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 LICENSURE NO. C-2521



REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	SHEET NO.
1			3			TOTAL SHEETS
2			4			S03-53

STR. #3