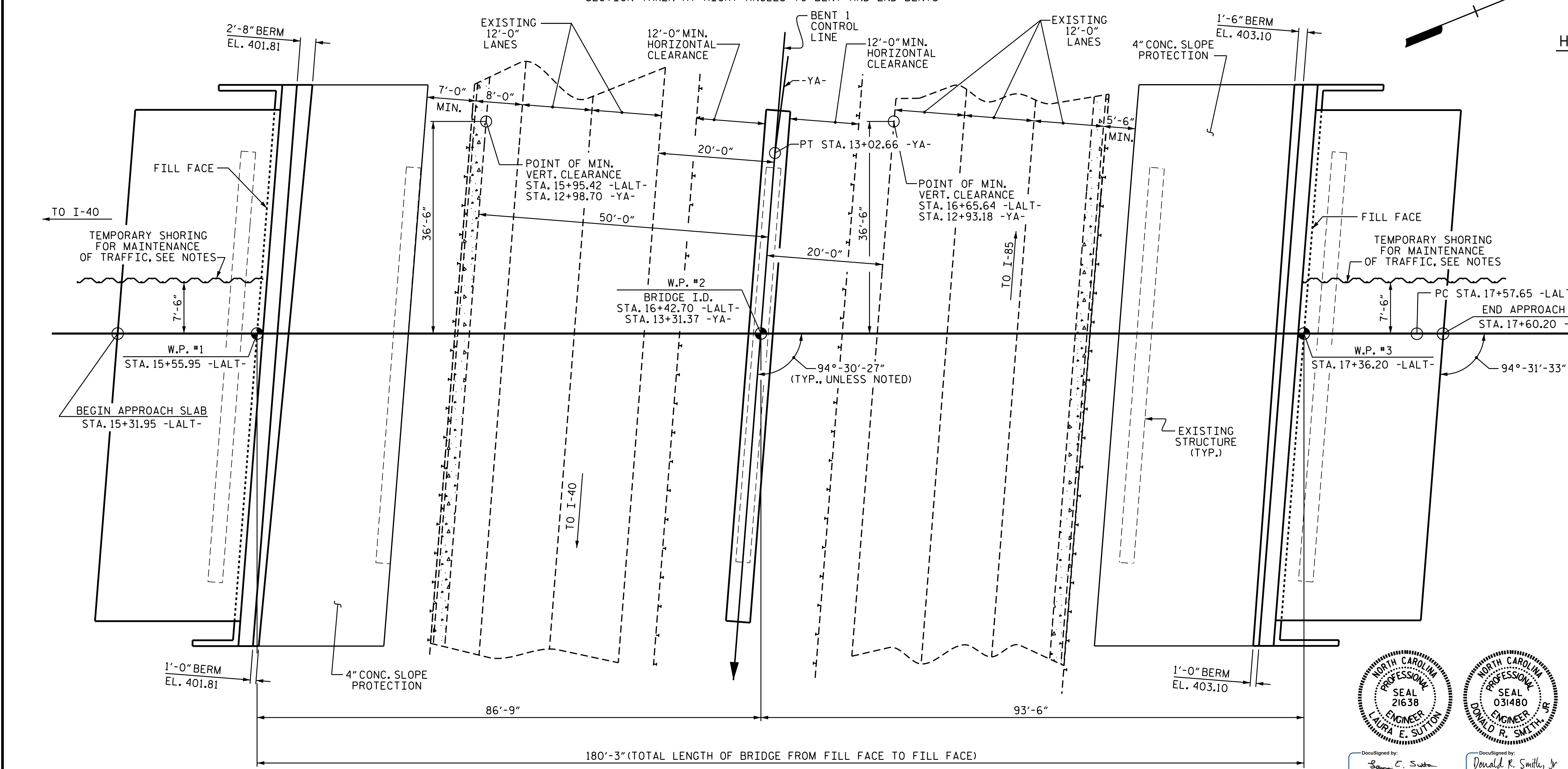


**HORIZONTAL CURVE DATA -YA-**

PI STA. = 11+52.51
Δ = 6°-15'-45.8" (LT.)
D = 2°-05'-00.5"
L = 300.59'
T = 150.44'
R = 2750.00'

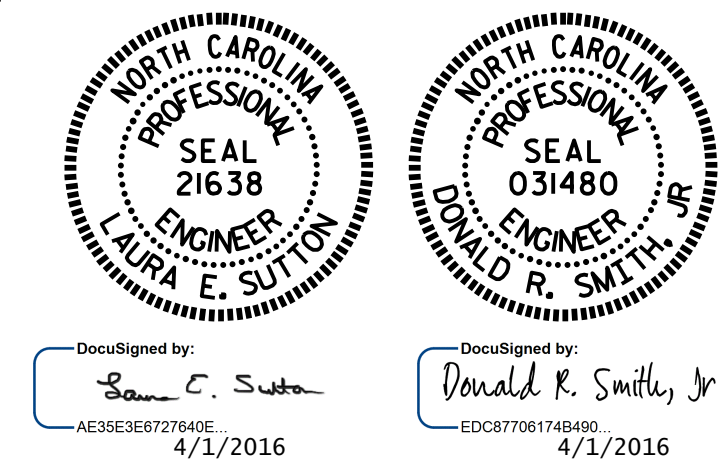
**HORIZONTAL CURVE DATA -LALT-**

PI STA. = 18+92.86
Δ = 1°-56'-11.5" (LT.)
D = 0°-42'-58.3"
L = 270.39'
T = 135.21'
R = 8000.00'



DRAWN BY : P.S. ADKINS DATE : 10/2/14  
 CHECKED BY : K.D. LAYNE DATE : 11/15/14  
 DESIGN ENGINEER OF RECORD : D.R. SMITH DATE : 11/22/14

PILES, COLUMNS, AND DRILLED PIERS NOT SHOWN FOR CLARITY



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. U-3308  
 DURHAM COUNTY  
 STATION: 16+42.70-LALT-  
 13+31.37-YA-  
 SHEET 1 OF 3 REPLACES BRIDGE 12

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**GENERAL DRAWING**  
 FOR BRIDGE OVER NC 147  
 (DURHAM EXPRESSWAY)  
 ON NC 55 (ALSTON AVE.)

REVISIONS					
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO.				
S1-1				
TOTAL SHEETS				
47				