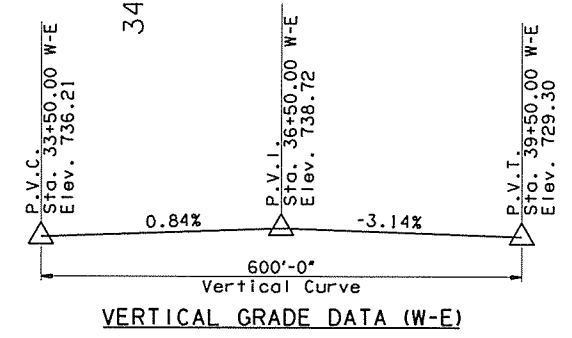


SHEET NO.	TITLE
2	Summary of Pay Quantities and Notes (Bridge) (Sheet 1 of 5)
3	Summary of Pay Quantities and Notes (Bridge) (Sheet 2 of 5)
4	Summary of Pay Quantities and Notes (Bridge) (Sheet 3 of 5)
5	Summary of Pay Quantities and Notes (Bridge) (Sheet 4 of 5)
6	Summary of Pay Quantities and Notes (Bridge) (Sheet 5 of 5)
27	General Plan and Elevation
28	Sequence of Construction
29	Temporary Shoring (Conceptual)
30	Abutment Details (Sheet 1 of 5)
31	Abutment Details (Sheet 2 of 5)
32	Abutment Details (Sheet 3 of 5)
33	Abutment Details (Sheet 4 of 5)
34	Abutment Details (Sheet 5 of 5)
35	Pier Details (Sheet 1 of 2)
36	Pier Details (Sheet 2 of 2)
37	Superstructure Repair Details
38	Superstructure Details (Sheet 1 of 5)
39	Superstructure Details (Sheet 2 of 5)
40	Superstructure Details (Sheet 3 of 5)
41	Superstructure Details (Sheet 4 of 5)
42	Superstructure Details (Sheet 5 of 5)
43	Slope Wall Details
44	Approach Slab Details (Sheet 1 of 3)
45	Approach Slab Details (Sheet 2 of 3)
46	Approach Slab Details (Sheet 3 of 3)

- ① Remove existing Expansion Joint and replace with new Sealed Expansion Joints. See Sheet Nos. 38 - 41.
- ② Remove existing Sawed & Sealed Construction Joint and replace with new sawed and sealed Construction Joint. See Sheet Nos. 38 - 41.
- ③ Remove and replace 3 feet of deck to both sides of Joints located above Piers, see Sheet Nos. 38 - 41.
- ④ Install new approach slab. See Sheet Nos. 44 - 46.
- ⑤ Install new Terminal Joint, see Sheet Nos. 44 - 46.
- ⑥ Encasement of Pier Caps, see Sheet Nos. 35 - 36 for exact locations and details.

- ⑦ Carbon Fiber Wrapping of Column No. 4 at Pier No. 1, see Sheet Nos. 35 & 36 for details.
- ⑧ Carbon Fiber Wrapping of Column No. 4 at Pier No. 3, see Sheet Nos. 35 & 36 for details.
- ⑨ Remove and Replace Slope Wall panels at Abutment No. 2, see Sheet No. 43.



\* Vertical clearances shown are taken from As-Built plans.  
 \*\* Proposed horizontal clearances measured perpendicular from  $\bar{C}$  TSU RR Tracks to Edge of Column.

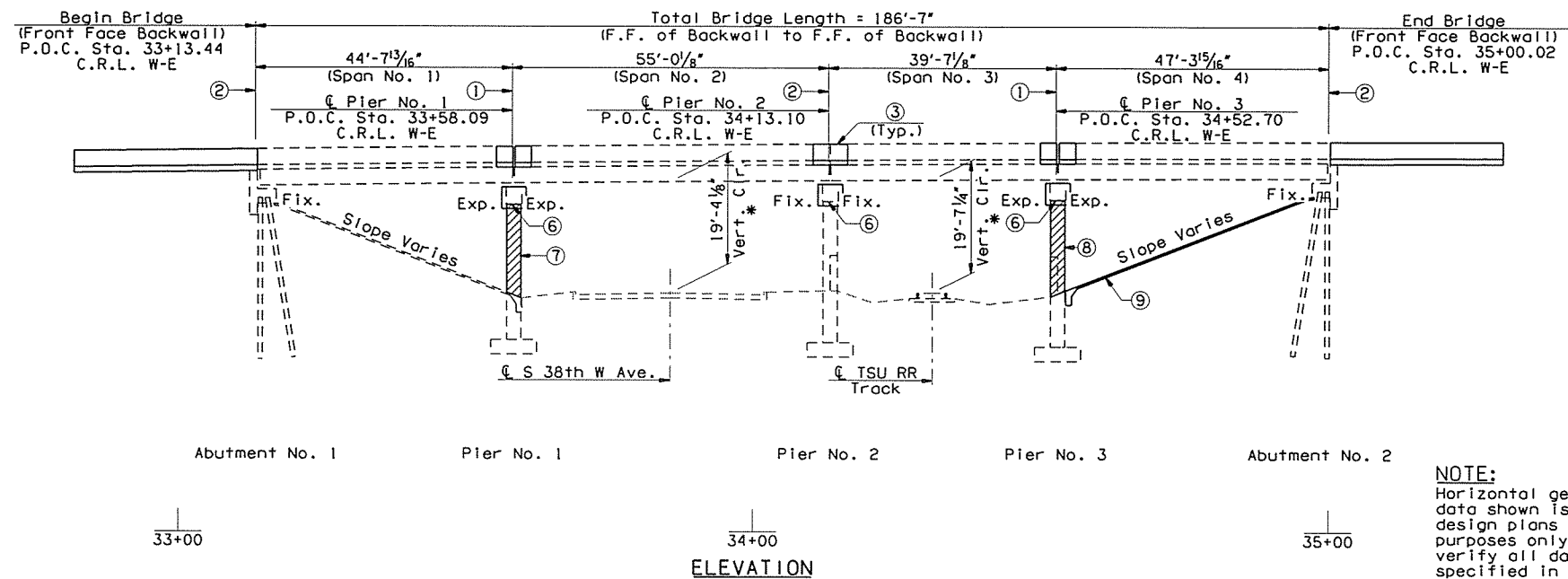
**LOAD AND RESISTANCE FACTOR DESIGN DATA**

Class AA Concrete  $f'_c = 4,000$  p.s.i.  
 Class A Concrete  $f'_c = 3,000$  p.s.i.  
 Reinforcing Steel (Grade 60)  $f_y = 60,000$  p.s.i.  
 Structural Steel (M270, Gr. 50W)  $f_y = 50,000$  p.s.i.

Loading: HL93 and 20 p.s.f. Future Wearing Surface, or OK Overload Truck and 20 p.s.f. Future Wearing Surface.

Design: AASHTO LRFD Bridge Design Specifications, 6th Edition with current Interims.

ANSI/AASHTO/AWS: D1.5 Bridge Welding Code  
 ANSI/AASHTO/AWS: D1.6 Structural Welding Code - Stainless Steel  
 LFD Operating Rating: HS 64.5



**NOTE:**  
 Horizontal geometry and vertical profile data shown is taken from the original design plans and is for informational purposes only. The Contractor shall field verify all data to perform the work specified in these plans. See "GENERAL NOTES".

I-44 EB OVER S 38TH W AVE & TSU RR BRIDGE "B"		TULSA COUNTY	DESIGN JMO 9/15
GENERAL PLAN AND ELEVATION		CHECK BRT 11/15	DETAIL SJL 9/15
STATE OF OKLAHOMA		DEPARTMENT OF TRANSPORTATION	SHEET NO. 27