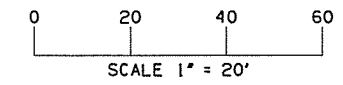


All information included in these plans is based on the existing As-Surveyed data. It is solely the Contractor's responsibility to accurately verify this information prior to any demolition or construction. For additional information, see the General Notes "VERIFICATION OF EXISTING CONDITIONS", "SURVEYING AND CONSTRUCTION STAKING", & ESTABLISHMENT OF VERTICAL GEOMETRY" on Sheet No. 3.

OKLAHOMA DEPARTMENT OF TRANSPORTATION					
FED. ROAD DIST. NO.	STATE	JOB PIECE NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
6	OKLA.	29775(04)			
DESCRIPTION				REVISIONS	DATE



**INDEX OF SHEETS**

SHEET NO.	TITLE
3	Summary of Pay Quantities and Notes (Bridge) (Sheet 1 of 3)
4	Summary of Pay Quantities and Notes (Bridge) (Sheet 2 of 3)
5	Summary of Pay Quantities and Notes (Bridge) (Sheet 3 of 3)
13	General Plan and Elevation
14	Sequence of Construction
15	Abutment No. 1 Details (Sheet 1 of 2)
16	Abutment No. 1 Details (Sheet 2 of 2)
17	Abutment No. 2 Details (Sheet 1 of 2)
18	Abutment No. 2 Details (Sheet 2 of 2)
19	Pier Details (Sheet 1 of 7)
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36	Bridge Deck Formwork Bracing Details
37	Bearing Details (Sheet 1 of 2)
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39	Approach Slab Details (Sheet 1 of 3)
40	Approach Slab Details (Sheet 2 of 3)
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**STANDARDS**

FSHP-42-2-00E  
EJ-SK-03E  
EJ-DTL-01E

**LOAD AND RESISTANCE FACTOR DESIGN DATA**

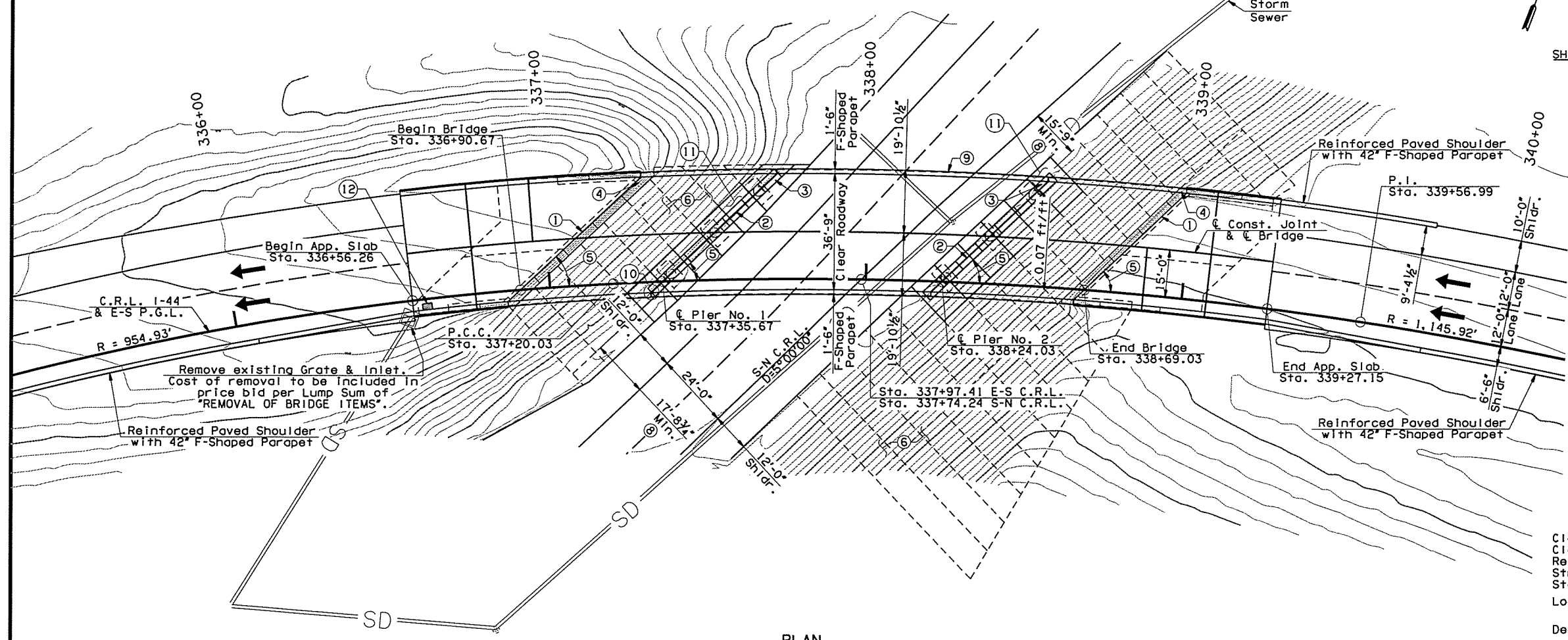
Class AA Concrete  $f'_c = 4,000$  p.s.i.  
Class A Concrete  $f'_c = 3,000$  p.s.i.  
Reinforcing Steel (Grade 60)  $f_y = 60,000$  p.s.i.  
Structural Steel (M270, Gr. 50W)  $f_y = 50,000$  p.s.i.  
Stainless Steel A240 (Type 316)  $f_y = 30,000$  p.s.i.

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

Deck Design: AASHTO LRFD Bridge Design Specifications, 7th Edition through Interims through 2015.

ANSI/AASHTO/AWS: D1.5 Bridge Welding Code  
ANSI/AASHTO/AWS: D1.6 Structural Welding Code - Stainless Steel

LRFD Operating Rating: HS 103.4

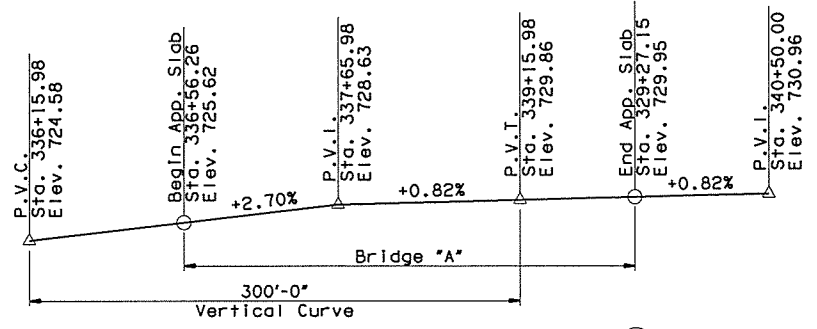


**PLAN**

- ① New Construction Joint. See Sheet No. 28.
- ② New Sealed Expansion Joint. See Sheet No. 28.
- ③ Remove and Reconstruct portions of the Piers. See Sheet Nos. 19 - 25 for details.
- ④ Remove & Reconstruct Abutment Pedestals as shown on Sheet Nos. 15 - 18.
- ⑤ Measured between front face of backwall (at abutments) or center pier (at piers) and tangent line at Working Point:
- ⑥ Clean and Reseal Slope Wall Joints.
- ⑦ Vertical clearances shown are taken from As-Built plans.
- ⑧ Proposed horizontal clearances measured perpendicular from Edge of Travel Lane to Edge of new Pier Cap.
- ⑨ Existing 2" Diameter Conduit Embedded in Parapet to remain.
- ⑩ Existing drainage pipes attached to South end of Pier No. 1 shall be removed. Cost of removal to be included in price bid per Lump Sum of "REMOVAL OF BRIDGE ITEMS".
- ⑪ Replace six (6) slope wall panels in the vicinity of columns to the dimensions shown in order for placement of temporary shoring. Match Slope Wall section as shown in the As-Built plans.
- ⑫ Install new Inlet Frame, Inlet Grate, Inlet & 18" RCP (to connect to existing 18" RCP). All costs including materials, labor, equipment and incidentals shall be included in the price bid per Lump Sum of "INSTALLATION OF BRIDGE ITEMS". See Sheet Nos. 39, 41, Stds. SSIF-4-0 & CI-1-2 for details.
- ⑬ Match Existing Slope.

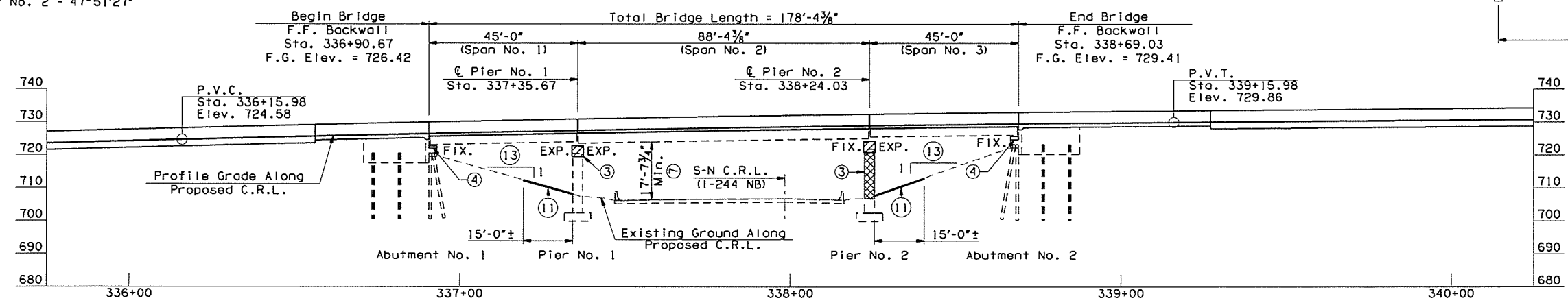
**NOTE:**  
Stations and elevations shown are along C.R.L.

Abutment No. 1 -  $38^\circ 38' 45''$   
Pier No. 1 -  $41^\circ 11' 23''$   
Pier No. 2 -  $45^\circ 36' 27''$   
Abutment No. 2 -  $47^\circ 51' 27''$



**VERTICAL GRADE DATA**

⑭ The vertical grade data shown was determined by establishing a best fit vertical curve from "As-Surveyed" information. For additional information see the General Note "ESTABLISHMENT OF VERTICAL GEOMETRY" on Sheet No. 3.



**ELEVATION**

I-44 OVER I-244 NB BRIDGE 'A'		TULSA COUNTY		DESIGN	BRT	3/16
				DETAIL	JTR	4/16
				CHECK	BRT	5/16
				<b>GARVER</b>		

STATE OF OKLAHOMA	DEPARTMENT OF TRANSPORTATION
JOB PIECE NO. 29775(04)	SHEET NO. 13