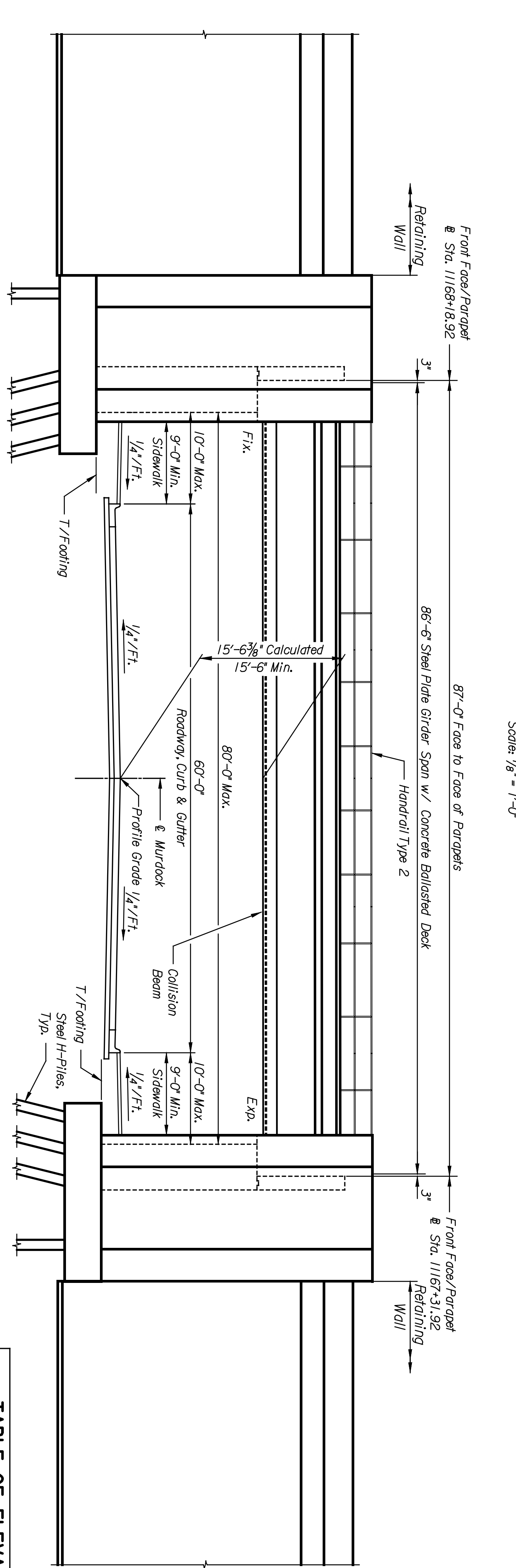
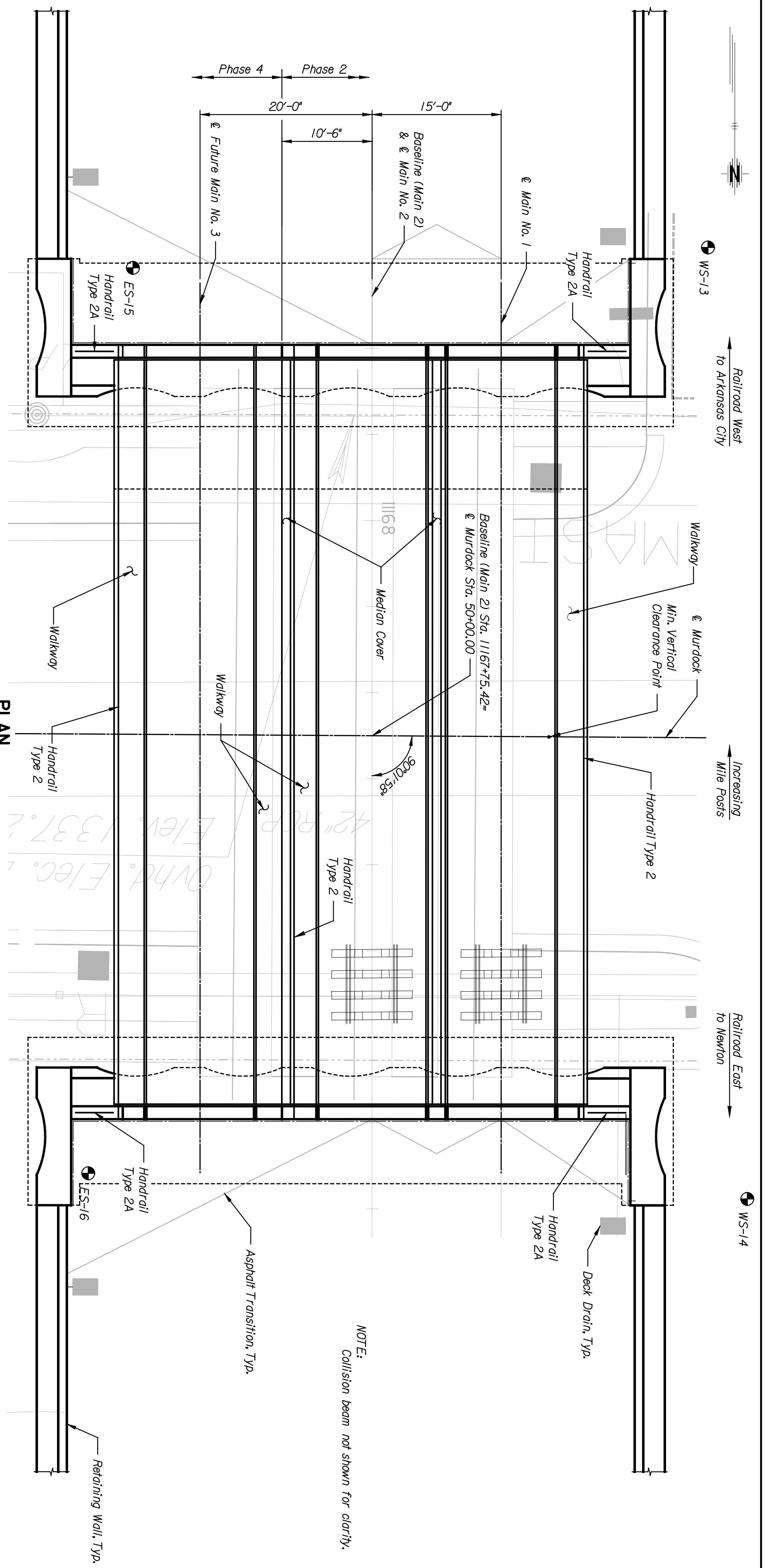
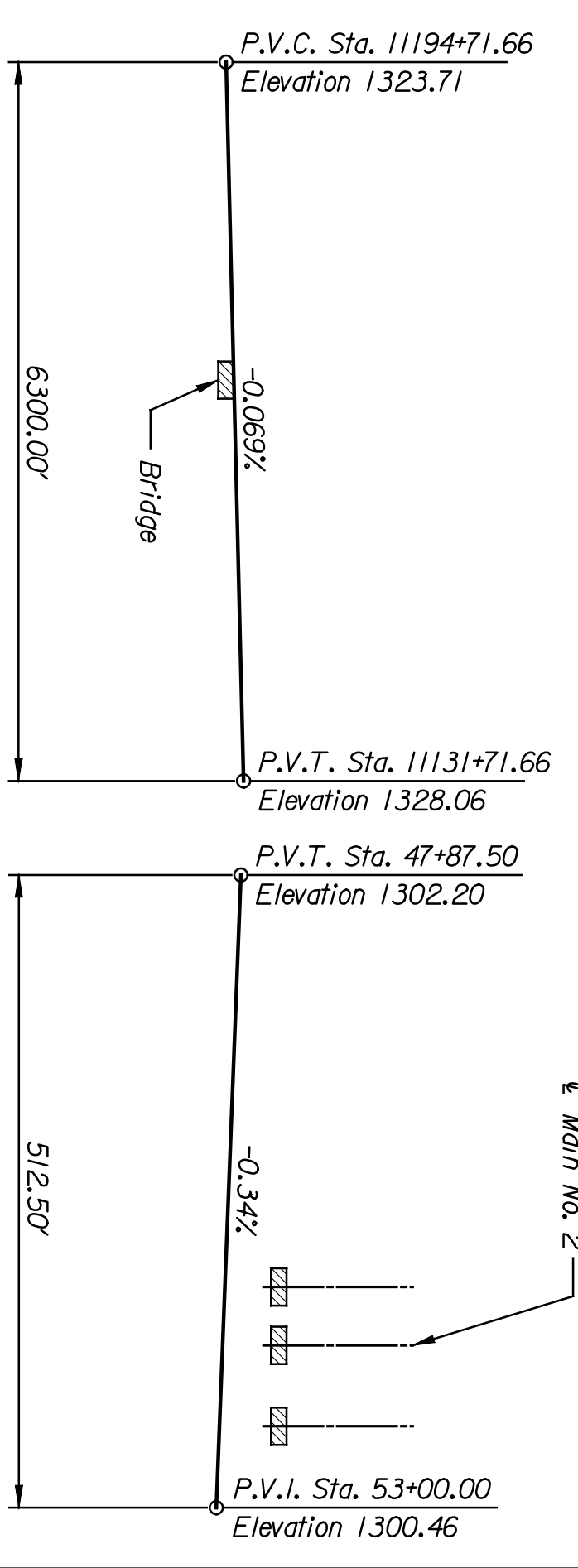


BY	DATE



**TABLE OF ELEVATIONS FOR SUBSTRUCTURE**

DESCRIPTION	ABUT. NO. 2	STATION	ELEVATION	ABUT. NO. 1	STATION	ELEVATION
TOP OF RAIL	11168+18.92	1325.55	11167+31.92	1325.61		
FF PARAPET	11168+18.92	1316.42	11167+33.09	1316.37		
BEARING SEAT	11168+17.75	1299.42	N/A	1299.37		
TOP OF BEARING	N/A	N/A	N/A	N/A		
TOP OF FOOTING	N/A	N/A	N/A	N/A		



STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	B31	

NOTES:  
 RAILROAD BRIDGE DESIGN SPECIFICATIONS:  
 AREMA Manual for Railway Engineering, 2002.  
 RAILROAD BRIDGE DESIGN LOADS:  
 Dead Load:  
 Unit Weight of Ballast, 120 pcf  
 Unit Weight of Backfill, 120 pcf  
 Unit Weight of Concrete, 150 pcf  
 Unit Weight of Steel, 490 pcf  
 Live Load:  
 Cooper's E80 and Alternate Live Load with diesel impact for rolling equipment without hammer blow.  
 Seismic:  
 Site Coefficient, 1.0  
 Temperature:  
 Design Temperature,  
 Design Temperature Range  
 Rise  
 Fall  
 Minimum Service Temperature Zone,  
 Zone 2  
 Longitudinal Force:  
 As specified in AREMA.  
 Other Loads:  
 As specified in AREMA.  
 REFERENCES:  
 Railroad Alignments, Refer to RL-2-R1, 4, R2.2, R3.2-R3.4, R4.2-R4.3, R1.17, R2.1.3, R3.20, R4.1.1.  
 Roadway Plan, Refer to S3.5.  
 Paving Plan, Refer to S7.2.  
 Lighting Plan, Refer to L4.02.  
 Retaining Walls, Refer to W1.1.  
 Asphalt Transition, Refer to R5.1.

**CITY OF WICHITA**  
**WICHITA CENTRAL CORRIDOR**  
**MURDOCK**  
**GENERAL PLAN AND ELEVATION**

DESIGNED BY: [Signature] CHECKED BY: [Signature]  
 DRAWN BY: [Signature] DATE: [Date]

**PNTEB**  
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:  
 Note: Roadway Elevation is looking downstation.  
 Vertical Clearance calculated to collision beam.