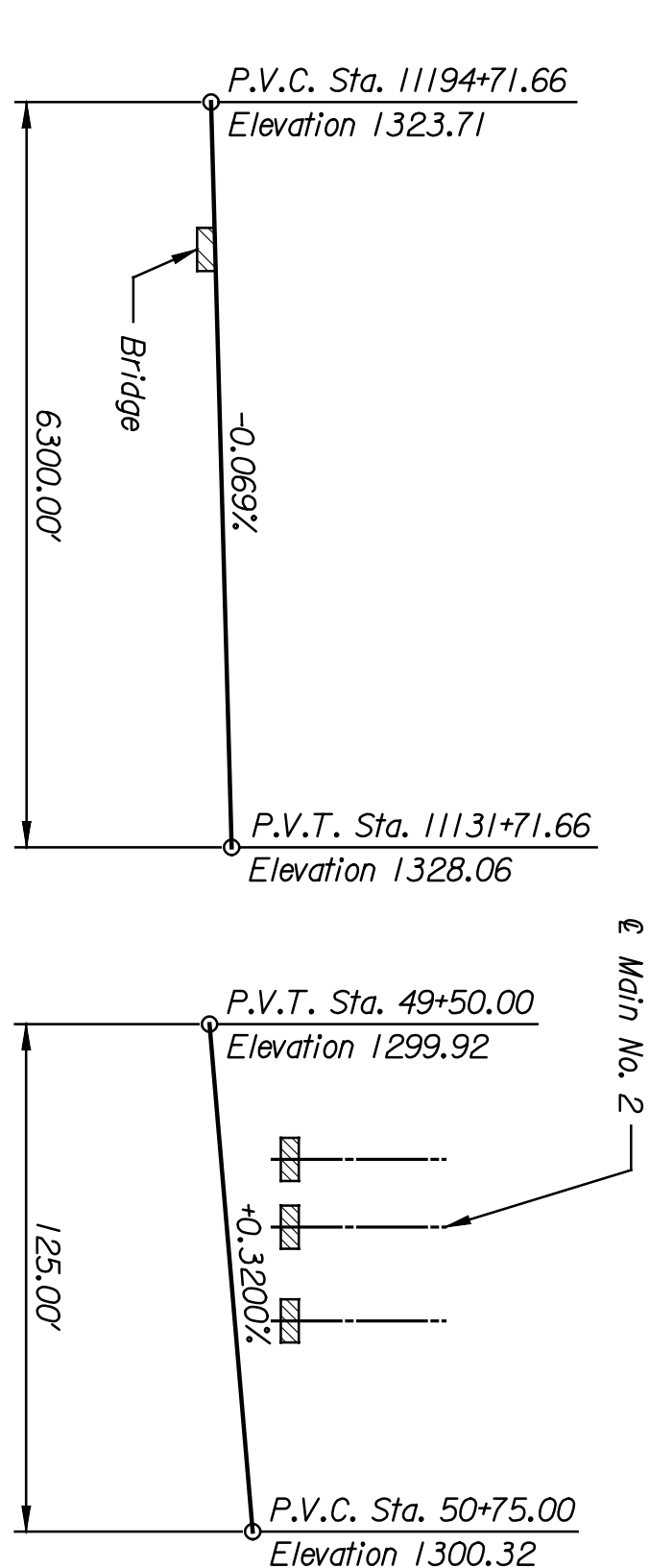
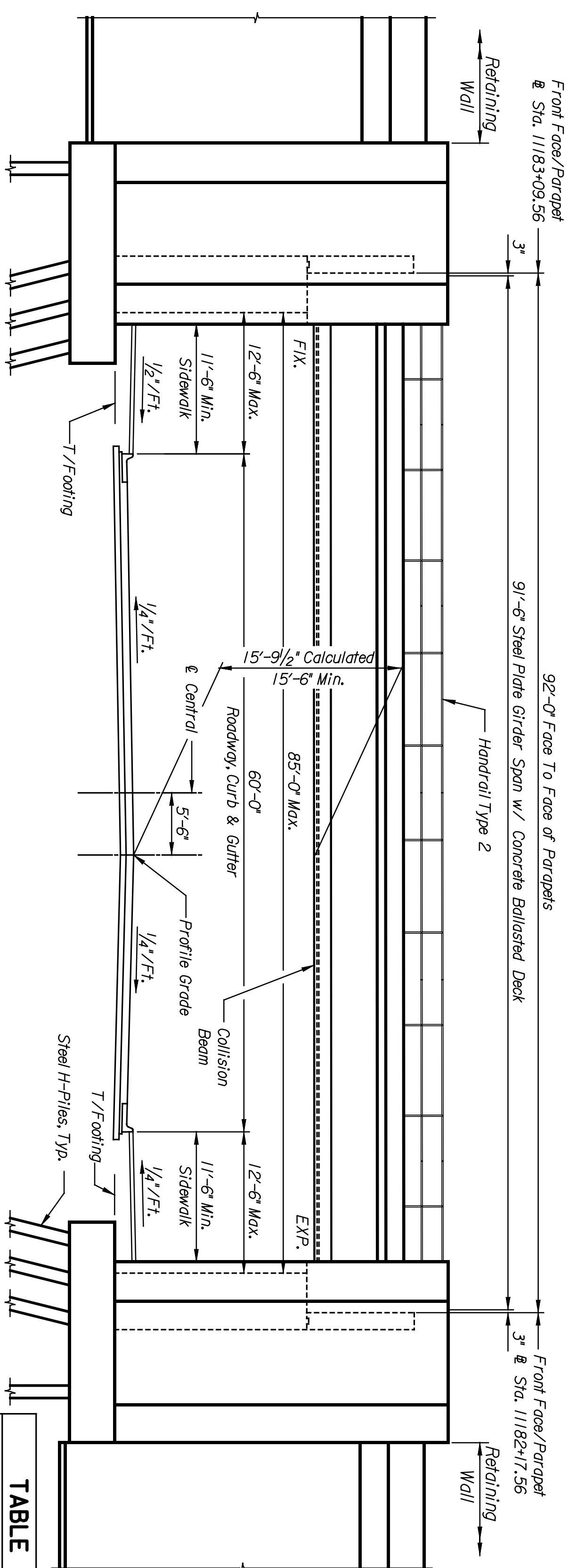
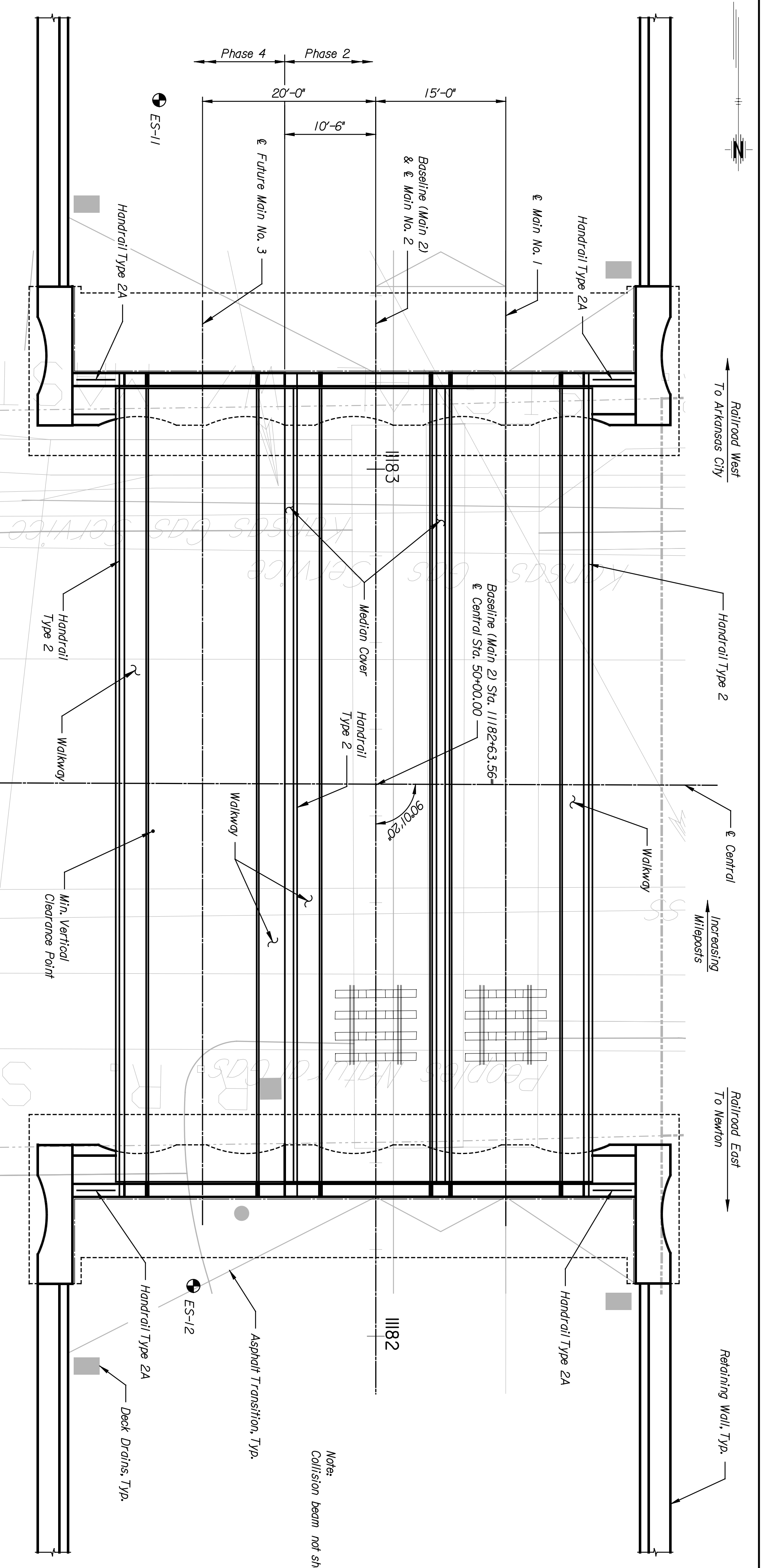


BY	DATE



DESCRIPTION	STATION	ABUT. NO. 2 ELEVATION	STATION	ABUT. NO. 1 ELEVATION
TOP OF RAIL @ FF PARAPET	11183+09.56	1324.52	11182+17.56	1324.58
BEARING SEAT @ BEARINGS	11183+08.39	1315.45	11182+18.73	1315.43
TOP OF FOOTING	N/A	1297.95	N/A	1298.18

NO.	DATE	REVISIONS	BY	APP'D.
1				
2				
3				

CITY OF WICHITA
WICHITA CENTRAL CORRIDOR
GENERAL PLAN AND ELEVATION

PNTEB
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:

Note:
 Roadway Elevation is looking downstation
 Vertical clearance calculated to collision beam.

Note:
 Collision beam not shown for clarity.

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 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, 60 degrees F
 Design Temperature Range, 50 degrees F
 Rise, 80 degrees F
 Fall, Minimum Service Temperature Zone, Zone 2
 Longitudinal Force:
 As specified in AREMA.
 Other Loads:
 As specified in AREMA.
REFERENCES:
 Railroad Alignments, Refer to R1.2-R1.4, R2.2, R3.2-R3.4, R4.2-R4.3, R1.18, R2.14, R3.21, R4.12.
 Roadway Plan, Refer to S3.6.
 Paving Plan, Refer to S7.3.
 Lighting Plan, Refer to L4.03.
 Retaining Walls, Refer to W1.1.
 Asphalt Transition, Refer to R5.1.

LOCATION: RWSF BR 2118	WICHITA, KS	LINE SEGMENT: 4000
SHEET NO. 05	SCALE: AS NOTED	APP'D.
DESIGNED: EKD	DETAILED: DJL	QUANTITIES: DJL
DESIGN GR.: BWH	DETAILED GR.: JWH	QUANTITIES GR.: DMH
		TRACED: DJL
		TRACE GR.: DMH