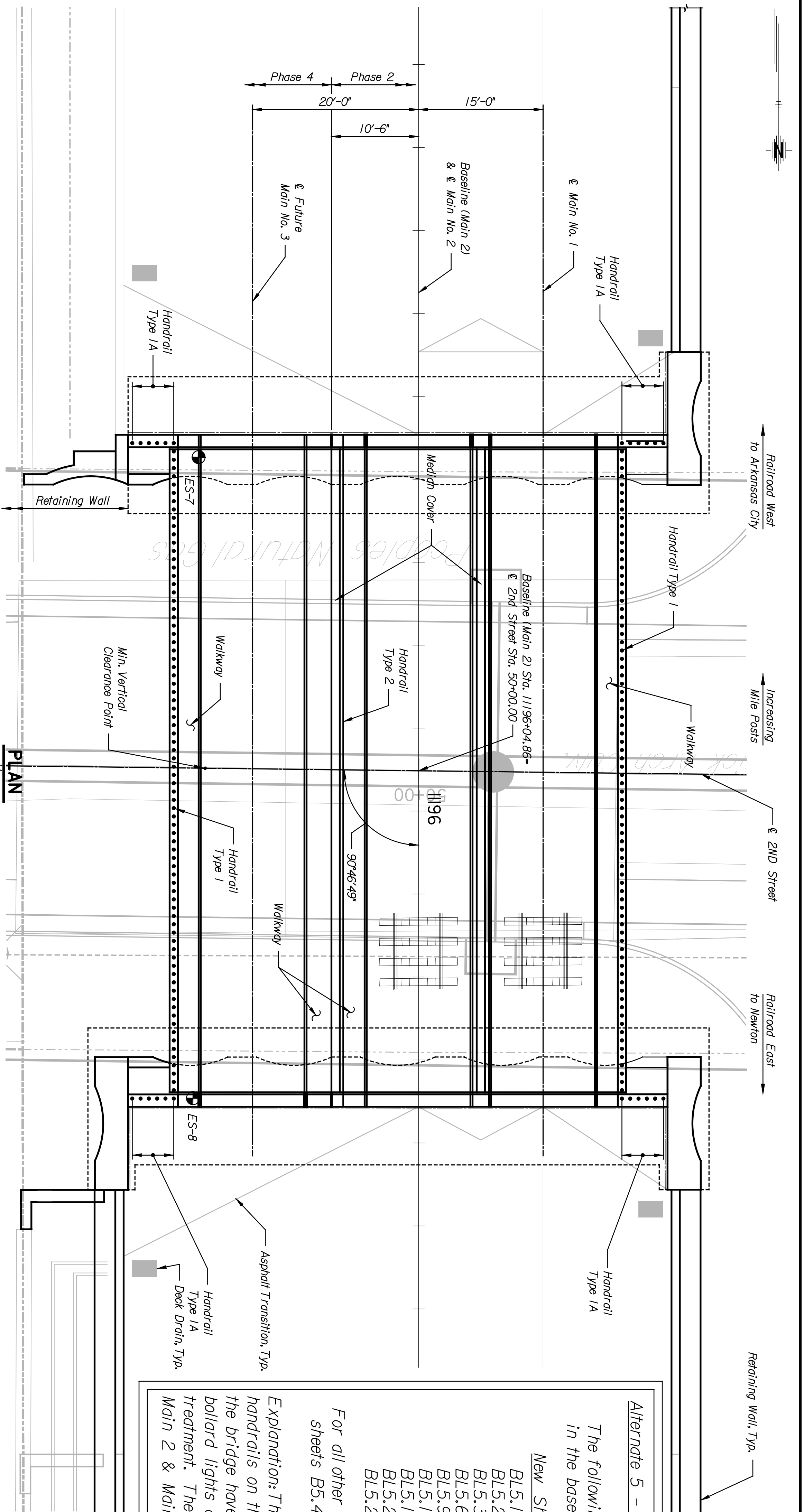


BY	DATE



Alternate 5 - Bollard Handrail

The following sheets are replaced in the base bid plans:

New Sheet	Old Sheet
BLS.1	B5.1
BLS.2	B5.2
BLS.3	B5.3
BLS.6	B5.6
BLS.9	B5.9
BLS.18	B5.18
BLS.19	B5.19
BLS.20	B5.20
BLS.21	B5.21

For all other plan details, see sheets B5.4 through B5.29.

Explanation: The standard pipe handrails on the outer walkways of the bridge have been replaced with bollard lights as an aesthetic treatment. The pipe handrail between Main 2 & Main 3 remains unchanged.

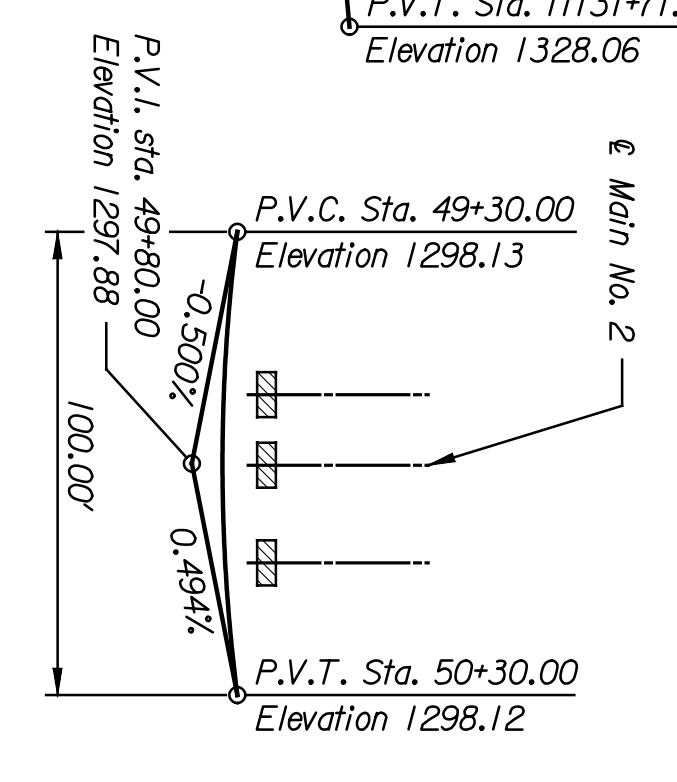
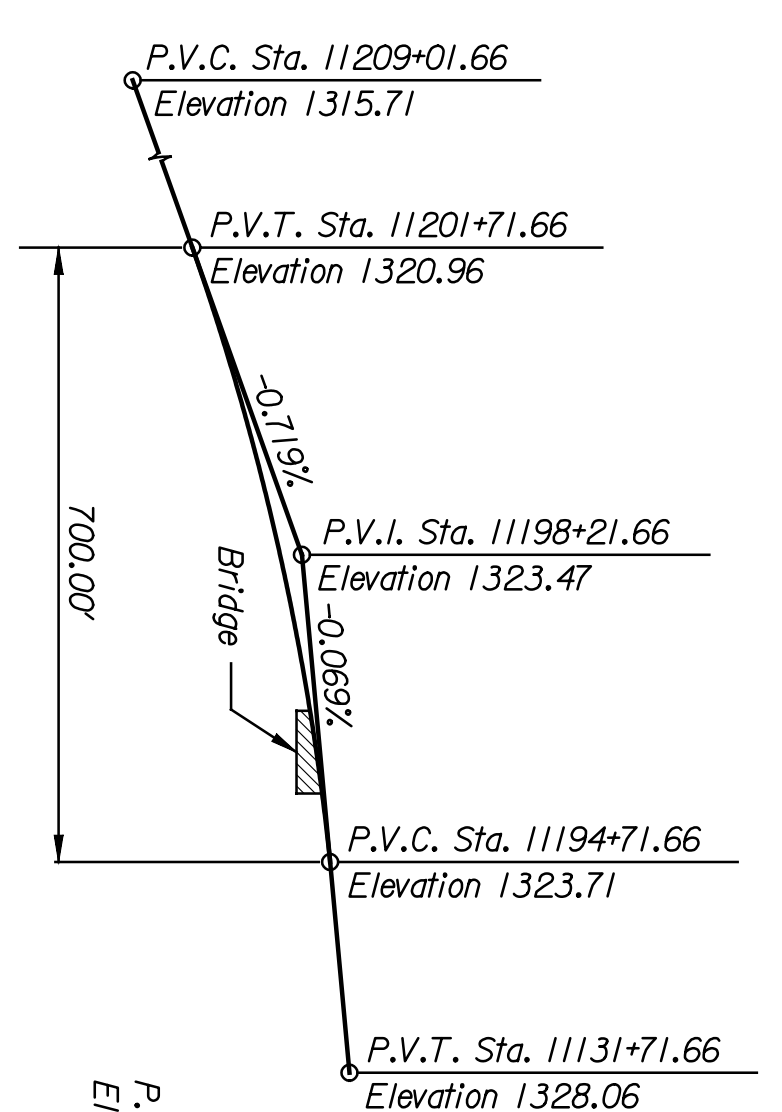
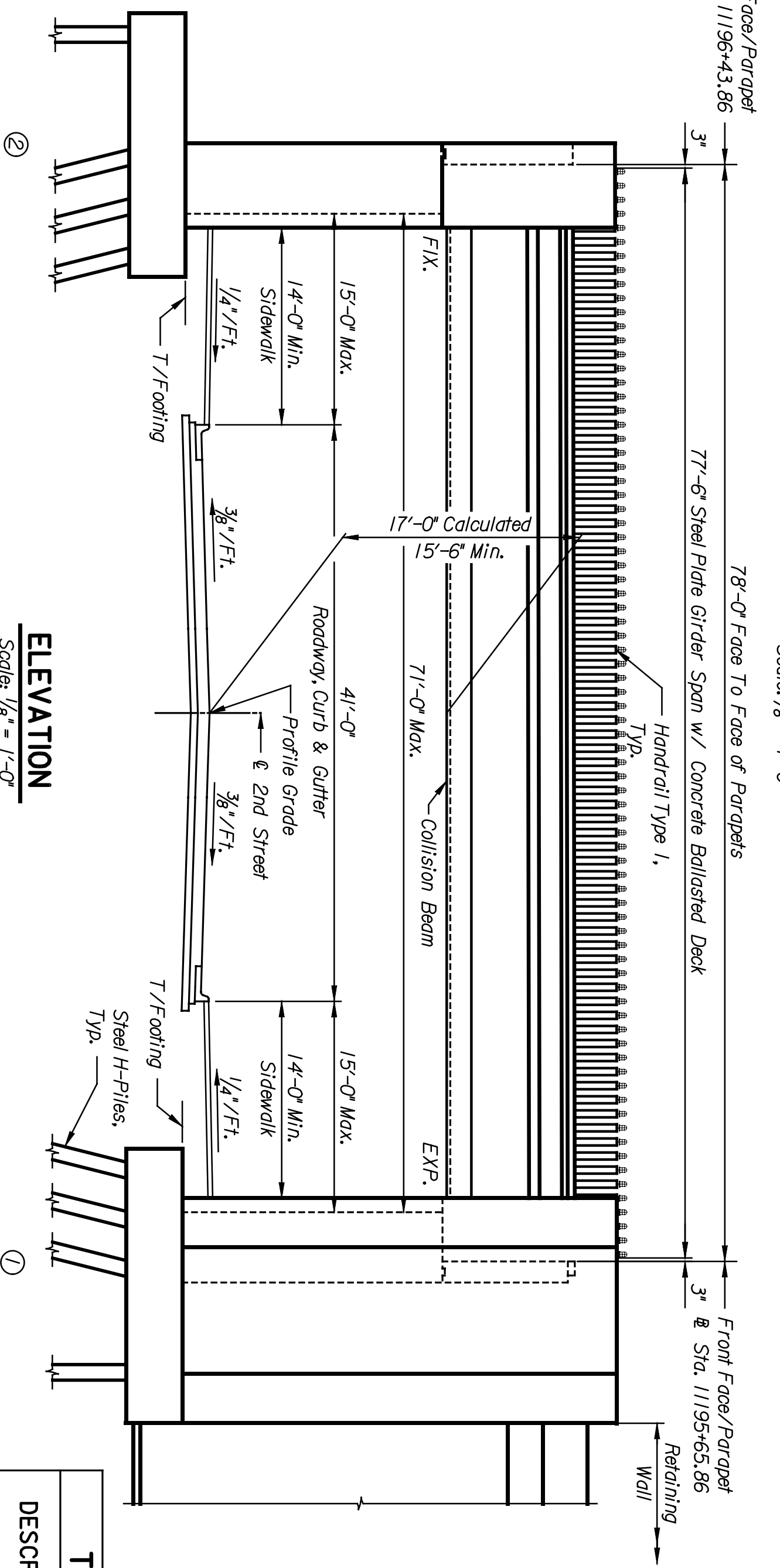


TABLE OF ELEVATIONS FOR SUBSTRUCTURE

DESCRIPTION	STATION	ABUT. NO. 2	ELEVATION	STATION	ABUT. NO. 1	ELEVATION
TOP OF RAIL @ FF PARAPET	11196+43.86		1323.46	11195+65.86		1323.61
BEARING SEAT @ BEARING	11196+42.69		1314.50	11195+67.03		1314.56
TOP OF FOOTING	N/A		1296.25	N/A		1296.06

CITY OF WICHITA
WICHITA CENTRAL CORRIDOR
ALTERNATE 5
2ND STREET
GENERAL PLAN AND ELEVATION

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

PNTEB
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:

Notes:
 Roadway Elevation is looking downstreet (West).
 Vertical clearances calculated to collision beam.

STATE	PROJECT NO.	YEAR	TOTAL SHEETS
KANSAS	472-84071	2005	BL5.1

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, 60 degrees F
 Design Temperature Range, 50 degrees F to 80 degrees F
 Rise, 50 degrees F
 Fall, 80 degrees F
 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, R1.20, R2.15, R3.22, R4.1, R4.3.
 Roadway Plan, Refer to S3.7.
 Lighting Plan, Refer to SF.4.
 Retaining Walls, Refer to WL.1, WL.4, T, W4.10, Asphalt Transition, Refer to RS.1.