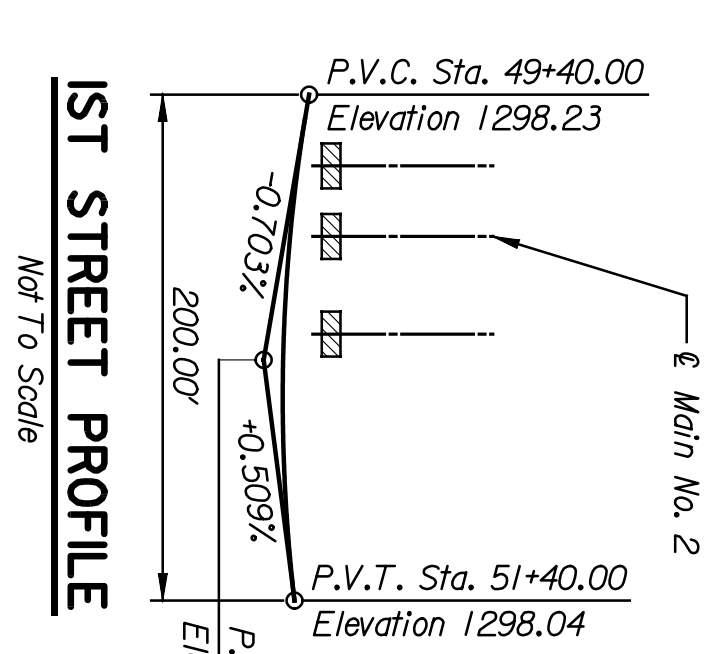
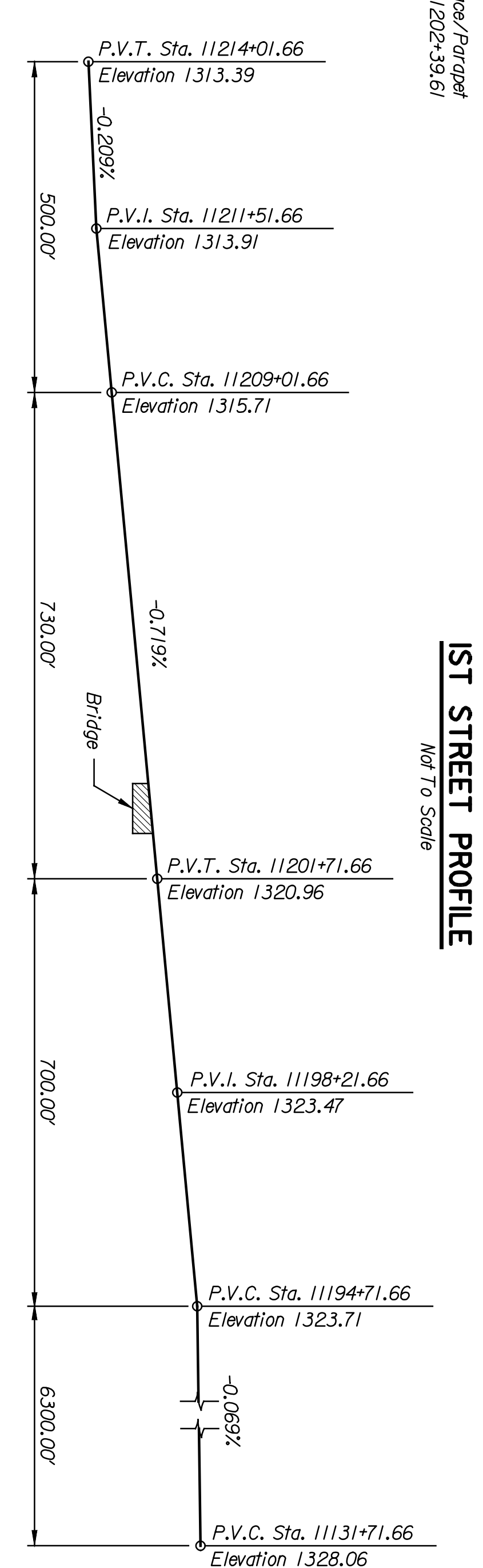
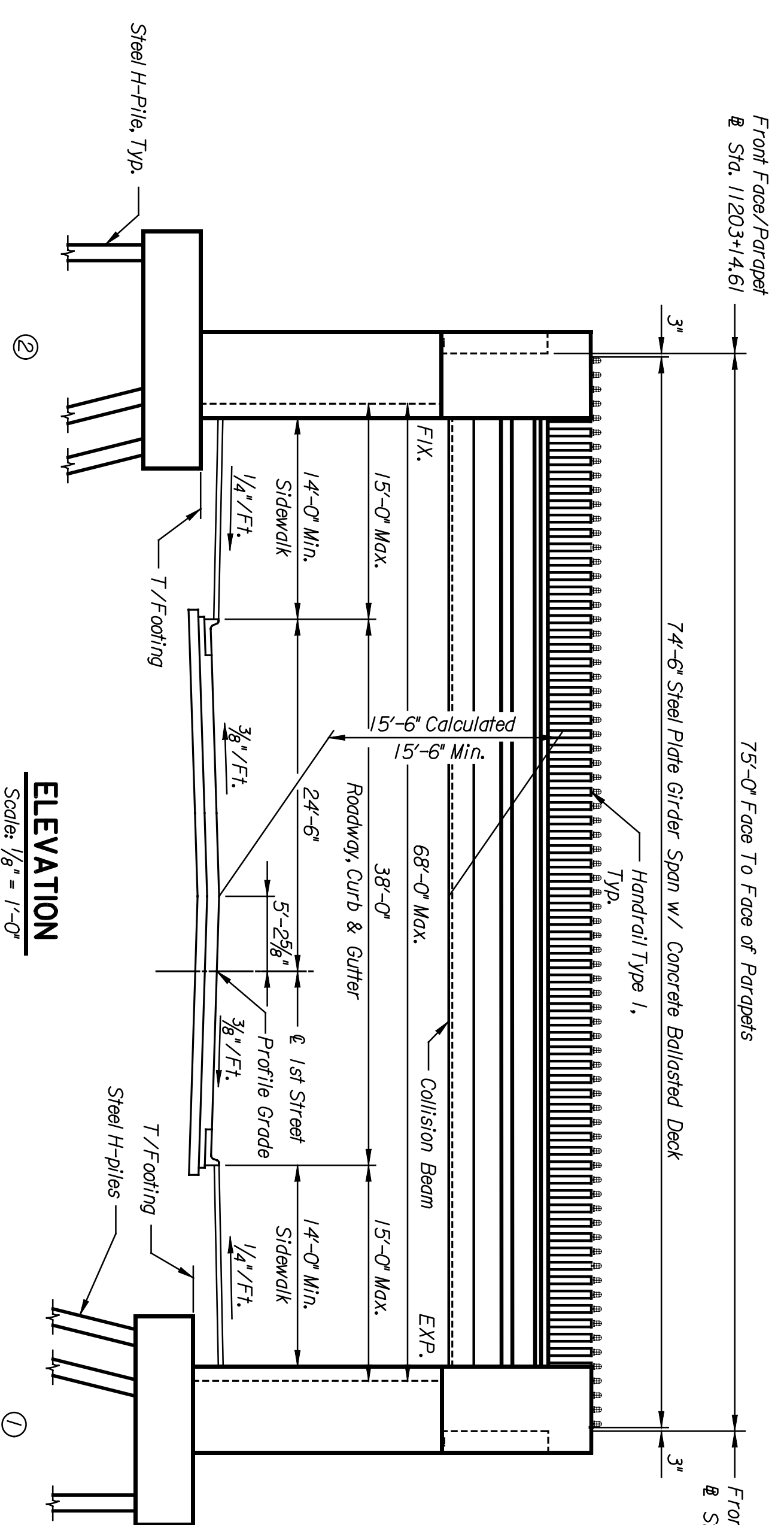
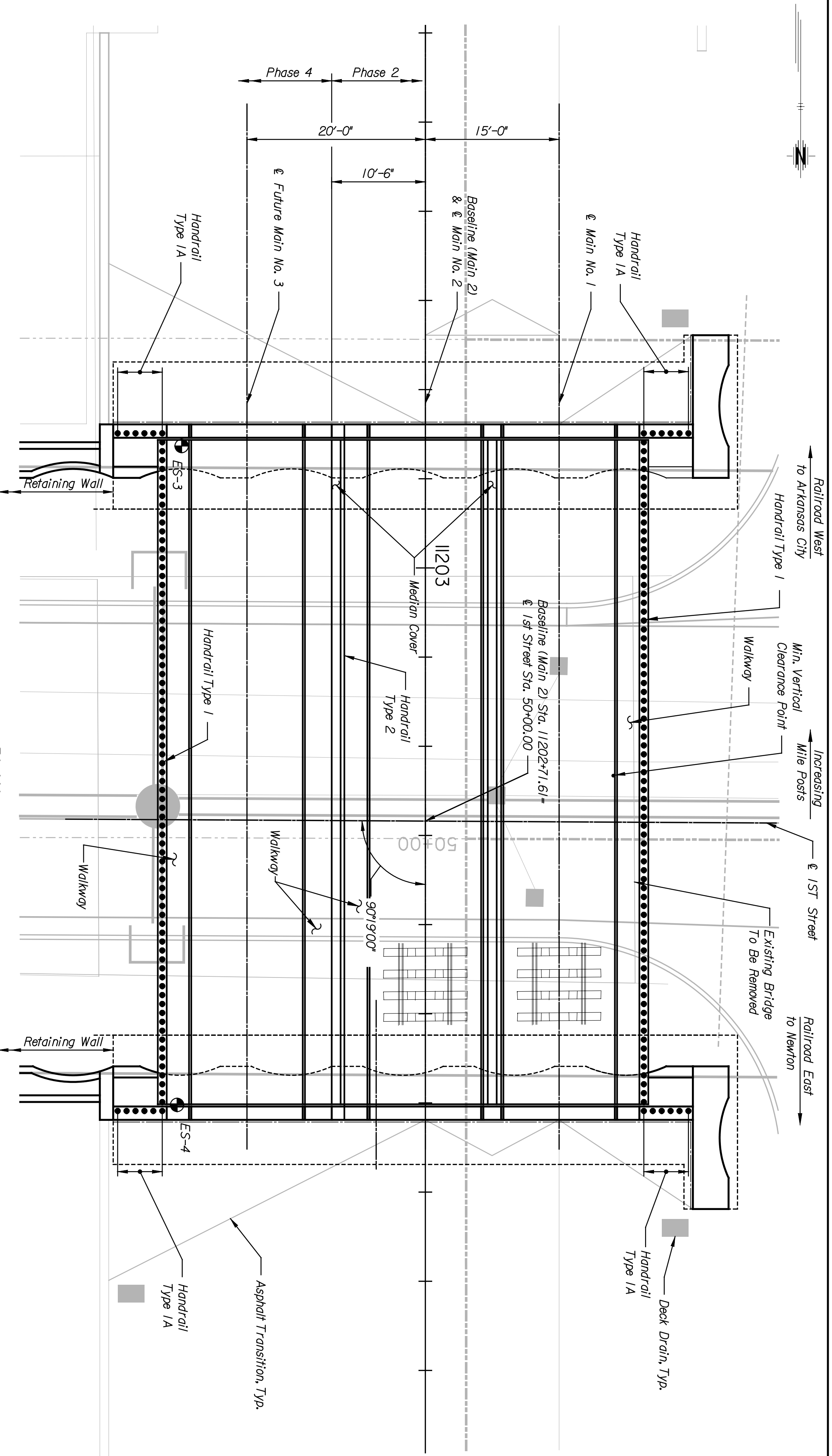


|    |      |
|----|------|
| BY | DATE |
|    |      |
|    |      |



**Alternate 5 - Ballard Handrail**

The following sheets are replaced in the base bid plans:

| New Sheet | Old Sheet |
|-----------|-----------|
| B6.1      | B6.1      |
| B6.2      | B6.2      |
| B6.3      | B6.3      |
| B6.6      | B6.6      |
| B6.9      | B6.9      |
| B6.18     | B6.18     |
| B6.19     | B6.19     |
| B6.20     | B6.20     |
| B6.21     | B6.21     |

For all other plan details, see sheets B6.4 through B6.29.

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.

NOTE:  
 Collision beam not shown for clarity.

| DESCRIPTION            | ABUT. NO. 2 | STATION | ELEVATION   | ABUT. NO. 1 | STATION | ELEVATION |
|------------------------|-------------|---------|-------------|-------------|---------|-----------|
| TOP OF RAIL FF PARAPET | 11203+4.61  | 1319.93 | 11202+39.61 | 1320.47     |         |           |
| BEARING SEAT           | 11203+3.44  | 1312.89 | 11202+40.78 | 1313.41     |         |           |
| TOP OF FOOTING         | N/A         | 1296.14 | N/A         | 1296.16     |         |           |

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

**CITY OF WICHITA**  
**WICHITA CENTRAL CORRIDOR**  
**ALTERNATE 5**  
**1ST STREET**  
**GENERAL PLAN AND ELEVATION**

**PNTEB**  
 ARCHITECTS ENGINEERS PLANNERS

This sheet designed by:

Notes:  
 Roadway Elevation is looking downstream (West).  
 Vertical clearance calculated to collision beam.

|        |             |      |           |              |
|--------|-------------|------|-----------|--------------|
| STATE  | PROJECT NO. | YEAR | SHEET NO. | TOTAL SHEETS |
| KANSAS | 472-84071   | 2005 | B6.1      |              |

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,  
 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, R1.21, R2.16, R3.23, R4.14,  
 Roadway Plan, Refer to S3.8,  
 Paving Plan, Refer to S7.5,  
 Lighting Plan, Refer to L4.05,  
 Retaining Walls, Refer to W1, W4, L3, W4, L7,  
 Asphalt Transition, Refer to RS.1.