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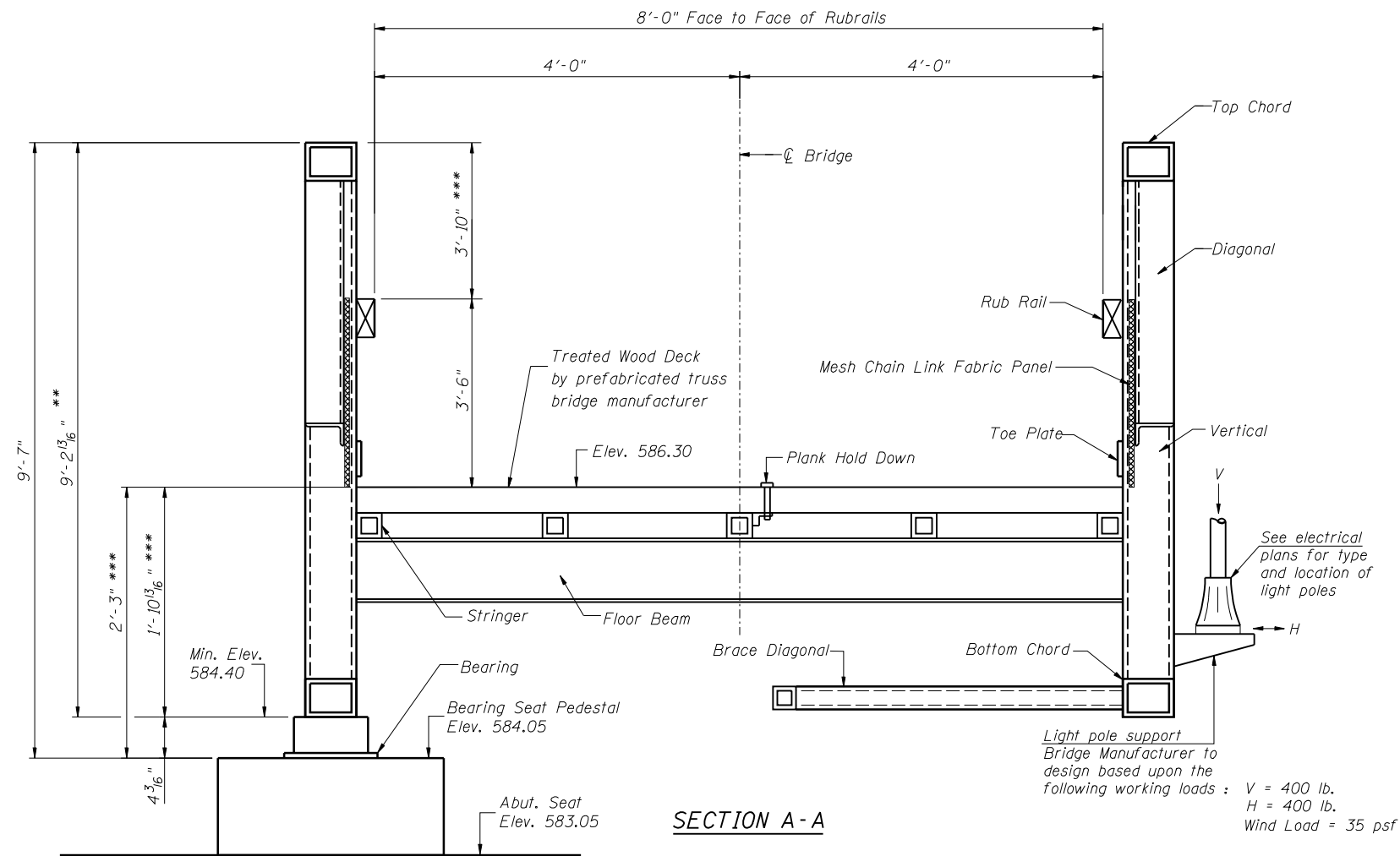
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Substructure elements were designed and prepared in accordance with AASHTO Standard Specifications For Highway Bridges together with the latest interim specifications. The bridge supporting substructure units have been designed for the following loads and load combinations presented below:

| BRIDGE REACTIONS | * Downward Load - Upward Load | | |
|--------------------|----------------------------------|---------|---------|
| | P (Lbs) | H (Lbs) | L (Lbs) |
| Dead Load | 20,400 | | |
| Uniform Live Load | 29,160 | | |
| Wind Uplift 20 PSF | -11,845 | | |
| Wind | ±14,955 | 24,805 | |
| Seismic | N/A | N/A | N/A |
| Thermal | | | 3,060 |

"P" - vertical load each base plate (4 per bridge)
 "H" - horizontal load each footing (2 per bridge)
 "L" - longitudinal load at each base plate (4 per bridge)

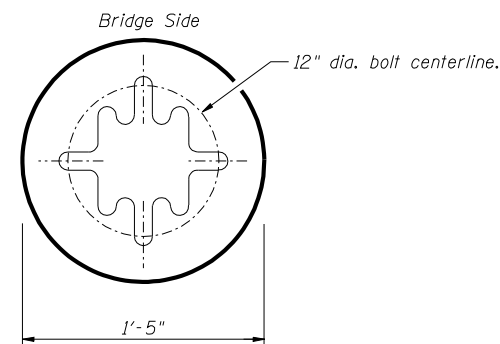
Any dimensional design or quantity modifications to the bridge due to a variation of these loading conditions shall be the responsibility of the contractor. Necessary details and design computations for design revisions shall be submitted (in accordance with Article 105.4 of the Standard Specifications) to the Engineer for approval with the bridge shop drawings prior to initiating construction.

*** Superstructure wind loads derived from this dimension. See Note 1.

*** Dimension shall be verified by the Contractor prior to ordering substructure concrete and reinforcement bars. Substructure quantities shall be adjusted accordingly.

Notes:

- Member sizes and types as shown are schematic and may differ from those provided by prefabricated truss bridge manufacturer.
- Bearings and anchor bolts shall be designed and furnished by the prefabricated truss bridge manufacturer.
- The chain link fabric shall be 9 gauge wire, 2" mesh and it shall be given a brown vinyl coating instead of being galvanized.
- The 9 gauge fabric ties shall be according to Article 1006.27 (d) of the Standard Specifications. Installation of the chain link fabric shall be according to Section 664 of the Standard Specifications. The chain link fabric shall be placed along Pedestrian side as shown on Section A-A. Stretcher bars shall be used at all four sides of each panel. The chain link fabric shall conform to the requirements of Article 1006.27(a)(1)a, b or c of the Standard Specifications.



LIGHT POLE ANCHOR BOLT PATTERN

BILL OF MATERIAL

| Item | Unit | Quantity |
|---------------------------------|---------|----------|
| Pedestrian Truss Superstructure | Sq. Ft. | 1,294 |