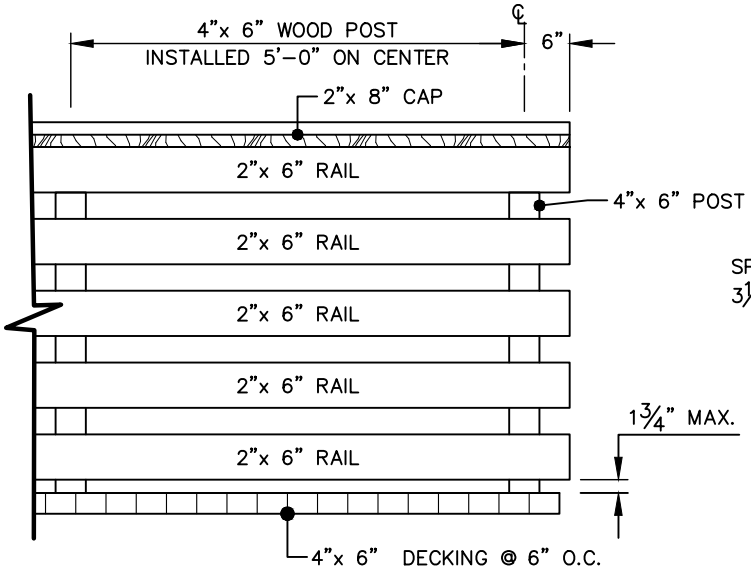
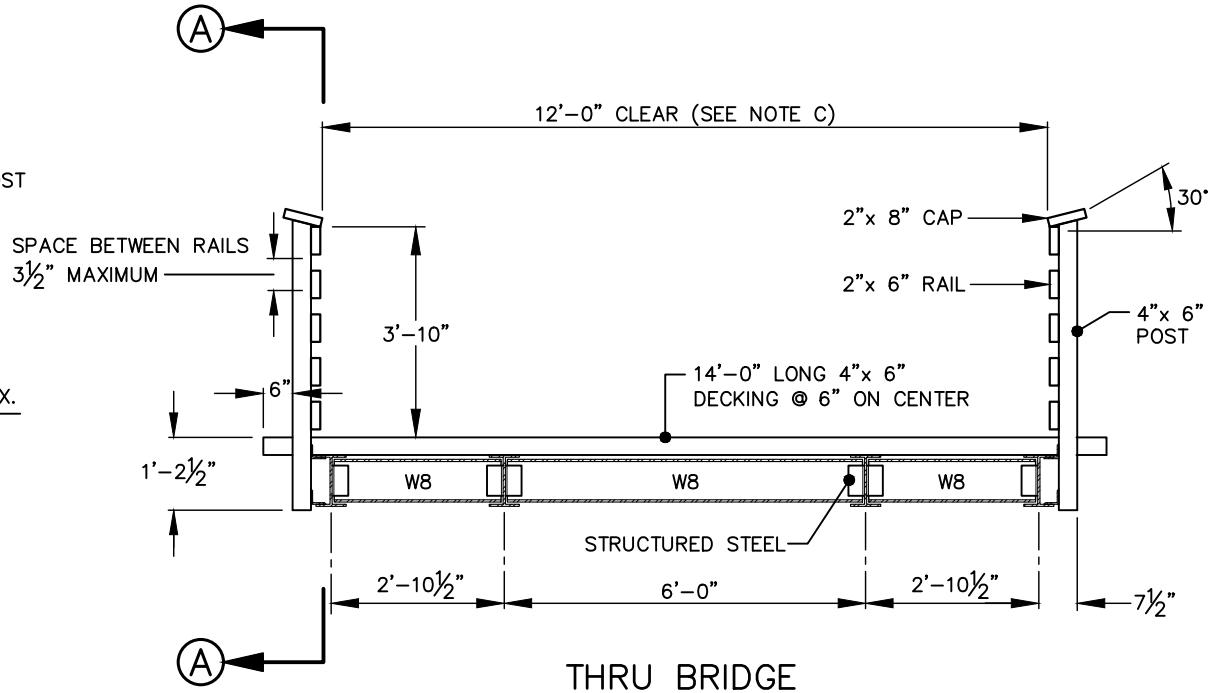


BRIDGE POST/RAIL
SECTION A–A



THRU BRIDGE
SECTION

NOTE:
EXTEND RAILING 15 FEET BEYOND ENDS OF BRIDGE AS PER DETAILS 9500.04

BRIDGE SPECIFICATIONS:

A. DESIGN LOADS:
   I. THE BRIDGE SHALL BE DESIGNED FOR AN EVENLY DISTRIBUTED LOAD OF 85 POUNDS PER SQUARE FOOT AS REQUIRED BY AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES, 16TH EDITION, AND A CONCENTRATED LOAD OF 20,000 POUNDS AT MID–SPAN. THE DESIGN OF THE LAMINATED LUMBER BRIDGE COMPONENTS SHALL BE IN ACCORDANCE WITH THE "AMERICAN INSTITUTE OF TIMBER CONSTRUCTION", "AITC 117–2001", OR LATEST EDITION.
   II. THE TOTAL BRIDGE DEAD LOAD APPLIED TO THE END BENT SHALL NOT EXCEED 37,000 POUNDS.
B. REFER TO ADDITIONAL WRITTEN SPECIFICATIONS.
C. IF RUNNING SLOPE ON BRIDGE EXCEED 5%, HANDRAILS SHALL BE PROVIDED IN ACCORDANCE WITH AASHTO/ADA DESIGN REQUIREMENTS; 12 FEET CLEARANCE, AS INDICATED IN SECTION VIEW, SHALL BE BETWEEN HANDRAILS.
D. STRUCTURAL ENGINEER SHALL SIZE ALL LUMBER AND SPACING APPROPRIATELY TO MEET CAPACITY REQUIREMENTS, AND SHALL PROVIDE A SEALED CERTIFICATION TO CARY THAT STRUCTURE WAS CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH PLANS AND CARY SPECIFICATIONS.

EFFECTIVE:07/01/23

STEEL BEAM AND WOOD BRIDGE (OPTION 'B')

DETAIL No.
9500.03