IDAHO TRANSPORTATION DEPARTMENT
BRIDGE ASSET MANAGEMENT

COMPLEX FEATURE – PIN AND HANGER INSPECTION

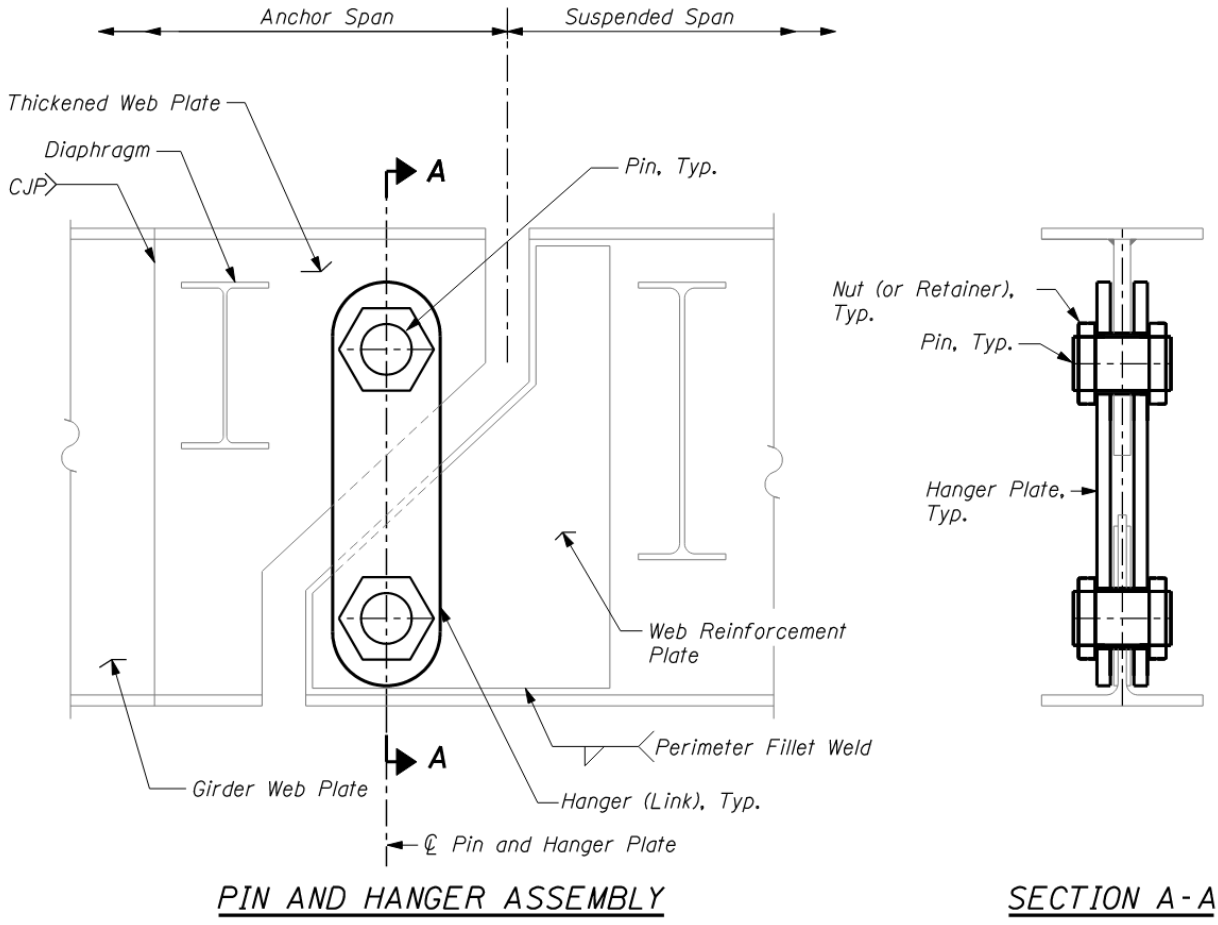

Figure – Pin and Hanger Assembly

Inspection Checklist:

- ☐ Check hanger plates for deterioration, excessive wear, cracking, and alignment issues
- ☐ Check pin for deterioration, seizure, contact at bearing surfaces, and excessive wear
- ☐ Check nut or retainer caps at ends of pins for proper connection and positioning
- ☐ Confirm alignment of girders
- ☐ Check welds (if present) for cracking
- ☐ Check web reinforcement plates (if present) for distress or failed connection
- ☐ Check adjacent diaphragm connections, stiffeners, or wind tongues for distress

Additional Inspection Notes:

Follow-up NDE Testing Recommended and if so Why: