1. Core 10" holes parallel to girders for 8" X 8" Strong pipe.
2. Place pipe 1/2" down from top of core hole along the entire length and grout annulus space around the support end of pipe. Prior to placing bolster concrete, seal end of grouted region to prevent grout from entering hinge opening.
3. Adjust bolster reinforcement to accommodate bridges with skews.
4. If equalizer bolts are encountered, adjust cored hole horizontally to prevent grout from entering hinge opening.
5. Galvanize 8" X 8" Strong pipe.
6. Block out bolster to allow drainage of suffice vents as needed.
7. Use thread locking system. Torque to 300 ft-lb min.
8. Adjust cored hole for HS Threaded hole so the 10" hole has 2" min cover concrete.