NOTES:

1. Furnish steel for rail posts, base plates, shims, splice sleeves, and anchor assembly plates conforming to ASTM A 36. Furnish structural tubing for rails conforming to ASTM A 250, Grade B. Paint all metal components of the bridge rail except post base shims, anchor assemblies, and rail splice sleeves. Galvanize post base shims, anchor assemblies, and rail splice sleeves. Furnish hex bolts conforming to ASTM A 325. Furnish hex coupling nuts with a center stop conforming to ASTM A 563, Grade C, D, or DH. For all other fasteners conform to ASTM A 307.

2. Submit fabrication drawings according to Section 555 and show rail section lengths, splice locations, rail post spacing, and fastener lengths. Fabricate steel according to Section 555 before painting or painting. Weld according to Section 555.

3. Connect each HSS 4" by 4" by ½"-inch tube to at least three posts between splices.

4. Erect the rail parallel to grade.