GENERAL STEEL NOTES

1. PROVIDE ALL STRUCTURAL STEEL THAT CONFORMS TO ASTM A709 GRADE 50W UNLESS OTHERWISE NOTED ON THE PLANS.

2. AT DECK EXPANSION JOINTS, PAINT THE BEARING UNITS, END CROSS FRAMES, AND END OF EACH GIRDER WITHIN A HORIZONTAL DISTANCE OF 1.5 X GIRDER WIDTH FROM THE DECK EXPANSION JOINTS IN ACCORDANCE WITH SUBSECTION 627.03 PART A AND C. DO NOT PAINT THE TOP FLANGE OF THE DECK PLATE. PAINT BOLTED FAYING SURFACES WITH ONLY THE PRIME COAT IN ACCORDANCE WITH SUBSECTION 627.03 PART A AND C. PROVIDE COLOR 20122 AMS-STANDARD 595 FOR THE TOP COAT.

3. PROVIDE SLIP-CRITICAL JOINTS AT ALL BOLTED CONNECTIONS WITH CLASS B SURFACE CONDITIONS MADE WITH 3/8" HIGH STRENGTH BOLTS CONFORMING TO ASTM-F1554 GRADE 4.7 TYPE J (EXCLUDE/INCLUDE) THREADS FROM THE SHEAR PLANE. FIELD INSPECT ALL CONTACT SURFACES OF THE BOLTED CONNECTIONS IMMEDIATELY PRIOR TO ASSEMBLY TO ENSURE THAT THE SURFACES ARE FREE OF ALL MILL SCALE, DIRT, ROAD OIL, AND OTHER FOREIGN MATERIAL.

4. COMPLETE GIRDER SUPERSTRUCTURE ERECTION FOR EACH SPAN AND TWO ADJACENT SPANS IN EACH DIRECTION, BEFORE PLACING FORMS.

5. DO NOT WELD IN THE TENSION OR STRESS REVERSAL ZONES OF THE GIRDERS EXCEPT AS SHOWN ON THE PLANS.

6. IF THE PLATE THICKNESS FOR PARALLEL GROOVE WELD EXCEEDS THE PREQUALIFIED THICKNESS LISTED IN D1.5 THEN A V-GROOVE WELD MAY BE SUBSTITUTED.

7. PROVIDE WELDED FABRICATION IN ACCORDANCE WITH ANSI/AASHTO/AWS D1.5 AND ALL INTERIM REVISIONS PUBLISHED BY AASHTO.

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