NOTES (PERMANENT HOLD DOWN DEVICE)

- All structural steel plates shall be flat rolled steel plates with all surfaces smooth and free from warps and all edges straight and vertical.
- All plate cuts shall be made on machine flame cutters.
- All material used for hold-down devices shall be conform to ASTM A992, Grade 50W.
- Anchor bolts, nuts, and washers shall be conform to ASTM A709, Grade 36 or material of equivalent yield strength and elongation.
- Anchor bolts, nuts, and washers shall be galvanized in accordance with ASTM A153, Class C.
- Anchor bolts, nuts, and washers shall be included in the bid item used for the steel girder quantities.
- All material welded to the girders, which includes bearing stiffeners, stiffener plate, and pin bearing plate, shall be included in the unit price bid for "bearing assemblies expansion joint."