FOR MAINTENANCE PURPOSES ON EXISTING BRIDGE CONNECTIONS ONLY.

PLAN

ELEVATION

BOLTED BRIDGE CONNECT. OLD TYPE C & D @ = 0°

NOTE TO SCALE

1/8" = 1'-0" 

SDOT DESIGNER
R. E. Scott

MICHIGAN DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAY DEVELOPMENT STANDARDS
SHEET 3 OF 3
COLUMN SELECTION PROCEDURE:

1. Determine \( h \) using the largest required column. (\( h = 0.8 \) min)
2. \( L_B = 0.5 \) of the distance between the top of the sign and the top clip angle bolt
   \( L_B = 1.0 \) (if \( b = 2 \))
3. Determine the sign area. (sq. ft.)

NOTES:

1. All bolts shall be galvanized high-strength bolts (ASTM A325). Unless otherwise noted, all bolts, nuts, and washers shall be hot-dip galvanized according to ASTM A325. Nuts shall be Grade 0-105 over-lubricated.
2. All steel components shall be ASTM-A36. Hot-dip galvanized
   All steel components shall be ASTM-A36 and shall be hot-dip galvanized according to ASTM A325.
3. The sign location may be shifted to avoid joints or stiffeners.
4. Bottom edge of sign shall be horizontal when erected and shall be a minimum of 3'-6" above the lower bridge beam flange at all points.
5. Type C connection denotes a two-bracket sign connection.
6. Type D connection denotes a three-bracket sign connection.
7. Sign connections to mounting supports columns shall have the same bolt arrangement as shown for connections for sign to mounting supports for center-columns and trusses. (Typical Plan 891-7001)

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