



LEGEND

○ INDICATES WING NUMBER

DESIGN DATA

LIVE LOAD:

DESIGN LOADING: HL-93
INVENTORY RATING FACTOR: $RF=1$
OPERATING RATING FACTOR: $RF=1$
WISCONSIN STANDARD PERMIT VEHICLE (WIS.-SPV): ____ (KIPS)

** DESIGNED FOR FILL HEIGHT RANGE OF __ TO __ FEET

MATERIAL PROPERTIES:

CONCRETE MASONRY $f'_c = 3,500$ P.S.I.
BAR STEEL REINFORCEMENT $f_y = 60,000$ P.S.I.

NOTES

SEE STANDARD 36.02 FOR NOTES.

DESIGNER NOTES

FOR SECTION C2 AND CONST. JOINT DETAILS SEE STANDARD 36.03

** SEE SECTION 36.5 FOR DESIGN RANGE OF FILL HEIGHTS. HEIGHT TO BE TO THE NEAREST 0.5 FEET ON FILLS UNDER 4 FEET AND TO THE NEAREST FOOT ON FILLS OVER 4 FEET.

SEE STANDARD 36.02 FOR ADDITIONAL DESIGNER NOTES.

SEE CHAPTER 45 FOR LOAD RATING OF EXISTING CONCRETE BOX CULVERTS.

LOCATE THE NAME PLATE ON THE FIRST RIGHT WING TRAVELING IN THE HIGHWAY CARDINAL DIRECTIONS OF NORTH OR EAST.

BOX CULVERT LAYOUT



**BUREAU OF
STRUCTURES**

APPROVED: *Laura Shadewald*

DATE:
7-24