


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
 TYPICAL UNDERCUT SHOWN. SEE STANDARD 9.01 FOR ALTERNATIVES AND ADDITIONAL 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

BOX CULVERT LAYOUT



BUREAU OF STRUCTURES

APPROVED: *Laura Shadewald* DATE: 1-24