NOTES

ASSUMED LIVE LOAD -------------- HL-93 or ALTERNATE LOADING.
DESIGN FILL---------------------

FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET.
3" WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.
CONCRETE IN CULVERTS TO BE POURED IN THE FOLLOWING ORDER
1. WING FOOTINGS AND FLOOR SLAB INCLUDING 4" OF ALL VERTICAL WALLS.
2. THE REMAINING PORTIONS OF THE WALLS AND WINGS FULL
   HEIGHT FOLLOWED BY ROOF SLAB AND HEADWALLS.

THE PROJECT ENGINEER SHALL CHECK THE LENGTH OF CULVERT BEFORE
STAKING IT OUT TO MAKE CERTAIN IT WILL PROPERLY TAKE CARE
OF THE FILL.

THESE BARREL STDs TO BE USED ONLY ON CULVERTS ON 90° SKewed TO
BE USED WITH STANDARD WING STDs WITH THE SAME SKewed AND VERTICAL
CLEARANCE.

DESCRIPTION FOR WING LAYOUT AS WELL AS ADDITIONAL REINFORCING STEEL
EMBEDDED IN BARREL ARE SHOWN ON WING SHEET.

TRANVERSE CONSTRUCTION JOINTS SHALL BE USED IN THE BARREL SPACED
TO LIMIT THE PORTION TO A MAXIMUM OF 70 FT. LOCATION OF JOINTS
SHALL BE SUBJECT TO APPROVAL OF THE ENGINEER.

AT THE CONTRACTORS OPTION, HE MAY SUBMIT, TO THE ENGINEERS FOR APPROVAL,
DETAILED CONSTRUCTION DRAWINGS FOR A PRECAST REINFORCED CONCRETE BOX CULVERT
IN THREE PIECES. THE DESIGN SHALL PROVIDE THE SAME SIZE AND NUMBER OF BARRELS
AS USED ON THE CAST-IN-PLACE CULVERT SHOWN ON THE PLANS. THE DESIGN SHALL
INCORPORATE THE SPECIAL PROVISIONS SMOKED FOR OPTIONAL PRECAST REINFORCED CONCRETE BOX CULVERT.

TOTAL STRUCTURE QUANTITIES

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PROJECT NO. ________________  COUNTY ________________
STATION: ____________________  SHEET 1 OF 2

DEPARTMENT OF TRANSPORTATION
BARREL STANDARD
SINGLE FT. X FT. CONCRETE BOX CULVERT
90° SKewed