Assumed Live Load -------- HL-93 or Alternate Loading.

DESIGN CURVE -----------------

FOR OTHER DESIGN DATA AND NOTES SEE STANDARD NOTE SHEET.

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 slabs and headwalls.

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

THE BARREL STANDARD TO BE USED ONLY ON CULVERT ON 60° SKW AND TO BE USED WITH STANDARD WING SHEET WITH THE SAME SKW AND VERTICAL CLEARANCE.

CONCRETE FOR WING FOOTINGS AS WELL AS ADDITIONAL REINFORCING STEEL EMBEDDED IN BARREL ARE SHOWN ON WING SHEET.

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

STEEL IN THE BOTTOM SLAB MAY BE SPliced AT THE PERMITTED CONSTRUCTION JOINT AT THE CONTRACTOR'S OPTION. EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR.

IN THE INTERIOR FACE OF EXTERIOR WALL AND BOTH FACES OF INTERIOR WALLS ABOVE LOWER WALL CONSTRUCTION JOINT. THE SPLICE LENGTH SHALL BE AS PROVIDED IN THE SPLICE LENGTH CHART SHOWN ON THE PLANS. EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR.

3. The remaining portions of the walls and wings full height followed by roof slabs and headwalls.

WING FOOTINGS AND FLOOR SLAB INCLUDING 4" OF ALL VERTICAL WALLS.

PROJECT NO. _______ - COUNTY _______

STATION: _______ - MEET _______

DEPARTMENT OF TRANSPORTATION

BARREL STANDARD
TRIPLE FT X FT. CONCRETE BOX CULVERT
60° SKW

TOTAL STRUCTURE QUANTITIES

<table>
<thead>
<tr>
<th>CLASS A CONCRETE</th>
<th>BARREL &amp; WINGS</th>
<th>TOTAL</th>
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<table>
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<th>WINGS</th>
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TOTAL EXCAVATION:

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REMOVATION OF EXISTING STRUCTURE:

| CY/FT | CY |

SIGNATURES COMPLETED:

MAA/ THC
CHECKED BY : ELR
DRAWN BY : BMM