LOCATION SKETCH

PROFILE ALONG CULVERT

NOTES

Assembled Live Load: HL-93 or Alternate Loading.

Design Fill:..............

For other design data and notes see standard note sheet.

3' in head walls 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 6" of fill, vertical wall.

2. The remaining portions of the walls and wings fill height followed by roof slab and headwall.

The resident engineer shall check the length of culvert before pouring. It is his duty to make certain that it will properly take care of the fill.

This barrel standard to be used only on triple barrel cutouts 8' or over in vertical clearance on the skew and to be used with standard wing sheet with the same skew and vertical clearance.

Dimensions for wing elevation 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 pour to a maximum of 70 ft. Location of joints shall be subject to approval of the engineer.

Steel in the section bars may be placed as the contractor considers convenient. Joints shall be paid for by the contractor.

At the contractor's option, he may splice the vertical reinforcing bars at the 30' length shown on the plans. The splice length shall be subject to approval of the engineer.

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.

Embellished in barrel are shown on wing sheet.

Transverse construction joints shall be used in the barrel spaced to limit the pour to a maximum of 70 ft. Location of joints shall be subject to approval of the engineer.

Steel in the section bars may be placed as the contractor considers convenient. Joints shall be paid for by the contractor.

At the contractor's option, he may splice the vertical reinforcing bars at the 30' length shown on the plans. The splice length shall be subject to approval of the engineer.

Steel in the section bars may be placed as the contractor considers convenient. Joints shall be paid for by the contractor.

At the contractor's option, he may submit, to the engineer for approval, design and detail drawings for a precast reinforced concrete box culvert in lieu of the cast-in-place culvert shown on the plans. The design shall provide the same size and number of barrels as used on the cast-in-place design. For optional precast reinforced concrete box culvert, see special provisions.

TOTAL STRUCTURE QUANTITIES

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<tr>
<th>CLASS</th>
<th>CEMENT</th>
<th>BARREL</th>
<th>WINGS ETC.</th>
<th>TOTAL</th>
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REINFORCING STEEL

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<th>WINGS ETC.</th>
<th>TOTAL</th>
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CONCRETE ELEVATION

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PROJECT NO. ________

COUNTY

STATION: ________

DEPARTMENT OF TRANSPORTATION

BARREL STANDARD

TRIPLE FT. X FT.

CONCRETE BOX CULVERT

135° SKEW

(8' AND OVER)

BAR DIMENSIONS ARE OUT TO OUT

6'

BAR TYPE

3" WEEP HOLES INDICATED TO BE IN ACCORDANCE WITH THE SPECIFICATIONS.