**LOCATION SKETCH**

**PROFILE ALONG & CULVERT**

**NOTES**

Assumed live load: HL-93 or alternate loading.

Design fill: 

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 "C" at all vertical walls.

2. The remaining portions of the walls and wings full

   height following by roof slabs and隔板.

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.

This barrel standard to be used only on quadruple barrel culverts

6' or over in vertical clearance on "C" skew and to be used with

standard new sheet with the same skew and vertical clearance.

Dimensions for wing layout 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 bottom slab may be spliced at the permitted construction

joint in the contractor's option, extra weight of steel due to the splices

shall be paid for by the contractor.

As the contractor's option he may splice the vertical reinforcing steel

in the interior fill at 100 ft. long at the point of the interior walls.

Each steel reinforcement joint the splice length shall be as indicated

by the splice length shown on the longitudinal section of the fill.

The extra weight of steel due to the splices shall be paid for by the

contractor.

As 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 shown on the cast-in-place

drawings. Optional precast reinforced concrete box culvert see special

provisions.

**TOTAL STRUCTURE QUANTITIES**

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<th>C.S</th>
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**PROJECT NO.:**

**COUNTY:**

**STATION:**

**PROFILE ALONG & CULVERT**

**VERTICAL LEG**

6'-0" H.

**BAR TYPE**

**BAH DIMENSIONS ARE OUT TO OUT**

**DEPARTMENT OF TRANSPORTATION**

**QUADRUPLE FT.X FT.**

**CONCRETE BOX CULVERT**

**135° SKREW**

**18" AND MORE**

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