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 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 double barrel culverts less than 14' in diameter and to be used with standard wing sheet for the same skew and vertical clearance.

Transverse construction joints shall be used in the barrel spaces, to limit the pours 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. The weight of steel due to the splices shall be paid for by the contractor.

At the contractor's option, he may splice the vertical reinforcing steel at the intersecting face of extension wall and the top of expansion wall. When these joints shall be as provided in the design, the splice length shall be as provided in the splice length chart shown on the plans. Extra weight of steel due to splices shall be paid for by the contractor.

IN THE INTERIOR FACE OF EXTERIOR WALL AND BOTH BACKS OF INTERIOR WALLS ABOVE LOWER 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.

IN THE INTERIOR FACE OF EXTERIOR WALL AND BOTH BACKS OF INTERIOR WALLS ABOVE THE 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 BACKS OF INTERIOR WALLS ABOVE THE CONSTRUCTION JOINT AT THE CONTRACTOR'S OPTION. EXTRA WEIGHT OF STEEL DUE TO THE SPLICES SHALL BE PAID FOR BY THE CONTRACTOR.

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