

## Index 400-291 Precast Concrete Box Culvert Supplemental Details

### Design Criteria

*AASHTO LRFD Bridge Design Specifications; Structures Design Guidelines (SDG)*

### Design Assumptions and Limitations

Work this Index with the Cast-In-Place Concrete Box Culvert Details and Data Tables shown in the plans, Indexes 400-289 and 400-292, and the Precast Concrete Box Culverts shown in the shop drawings.

### Plan Content Requirements

Show Differential Settlement ( $\Delta Y$ ) and Effective Length (L) for single curvature deflection in the Contract Plans where significant long-term settlement is anticipated. See Index 400-291(Sheet 5 of 5) for details.

Show water-tight joints in the Contract Plans where required.

### Payment

Item number	Item Description	Unit Measure
400-2-1	Concrete Class II, Culverts	CY
400-4-1	Concrete Class IV, Culverts	CY
415-1-1	Reinforcing Steel - Roadway	LB