

## Index 291 Supplemental Details for Precast Concrete Box Culverts

### Design Criteria

- | **AASHTO LRFD Bridge Design Specifications**, 6th Edition; **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 289 and 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 291(Sheet 5 of 5) for details.

### Payment

Item number	Item description	Unit Measure
400-2-1	Concrete Class II, Culverts	CY
400-4-1	Concrete Class IV, Culverts	CY
415-1-6	Reinforcing Steel - Miscellaneous	LB