

## **Index 291 Supplemental Details for Precast Concrete Box Culverts (Rev. 07/13)**

### **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**

<b>Item number</b>	<b>Item description</b>	<b>Unit Measure</b>
400-2-1	Concrete Class II, Culverts	CY
400-4-1	Concrete Class IV, Culverts	CY
415-1-1	Reinforcing Steel - Roadway	LB