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 (ΔY) 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