

PRELIMINARY STRUCTURE COST ESTIMATE

The charts on the following sheets provide cost per square foot data for the preliminary estimate of total structure cost. The costs apply to ordinary structure types. The data is based upon the low bid from projects awarded from 2004 thru December 2008.

The total cost per square foot includes all the bid items necessary to construct the structure except for the following:

- Preliminary Engineering
- E & C
- Traffic Control

The costs for Repair and Rehabilitation projects require an individual estimate of cost for each project because of the wide diversity of work. Consult with the Group Leader/Bridge Engineer to obtain costs from similar projects.

Cost data is available for the following types of structures:

NEW CONSTRUCTION

- CULVERTS
- PRESTRESSED GIRDERS
- STEEL GIRDERS

MISCELLANEOUS

- CONCRETE RETAINING WALLS
- PEDESTRIAN BRIDGES
- WIDEN CULVERTS

PRELIMINARY STRUCTURE COST ESTIMATE

NEW CONSTRUCTION

STRUCTURE TYPE	COST/SQ. FOOT OF DECK PLAN AREA
	2004 thru 2008
CULVERTS	
CAST-IN-PLACE	\$155
PRECAST	\$105
PRESTRESS GIRDERS	
AASHTO, BULB TEE, DECK TEE	\$190
VOIDED SLAB, TRIDECK	\$235
STEEL GIRDERS	
WELDED PLATE	\$230

PRELIMINARY STRUCTURE COST ESTIMATE

MISCELLANEOUS STRUCTURES

STRUCTURE TYPE	COST/SQUARE FOOT
	2004 thru 2008
CONCRETE RETAINING WALLS	\$100
SOUND WALLS	\$30
PEDESTRIAN UNDERPASS	\$110
PEDESTRIAN OVERPASS PRESTRESSED GIRDER, STEEL TRUSS	\$195
WIDEN CULVERT	\$140