



FY 2009 Average % Breakdown of Overall Project Costs for Bridges

<i>System</i>	<i>Structure %</i>	<i>Mobilization %</i>	<i>Removal %</i>	<i>Approach, etc. %</i>
Off-System Bridges	59.5%	7.4%	2.3%	30.7%
Off-System Culverts	49.0%	7.6%	3.4%	40.0%
On-System Bridges	47.6%	10.6%	3.0%	38.3%
On-System Culverts	49.9%	9.2%	3.9%	37.1%

FY 2009 Average Unit Cost*

<i>System</i>	<i>Structure Type</i>	<i>Number Bridges</i>	<i>Deck Area (sq.ft.)</i>	<i>Adjusted Structure Cost**</i>	<i>Average Unit Cost (\$/sq.ft.)</i>
<i>Off Culvert</i>					
	Culverts	32	36,570	\$ 3,574,054	\$ 97.73
<i>Off Span</i>					
	Concrete Girder "Pan" (CG-PN)	2	5,304	\$ 260,638	\$ 49.14
	Girder Prestressed "Box" Beam (GP-BX)	11	29,078	\$ 3,681,523	\$ 126.61
	Girder Prestressed Decked Slab Beam (GPDSB)	1	1,961	\$ 174,576	\$ 89.02
	Girder Prestressed "I" Beam	26	183,079	\$ 9,964,855	\$ 54.43
	Girder Prestressed "I" Beam "Texas Shape" (GPITX)	1	1,820	\$ 112,436	\$ 61.78
	Prestressed Concrete Slab Beam (PCSB)	68	186,130	\$ 14,322,225	\$ 76.95
	Concrete Slab (SLAB)	8	50,088	\$ 2,931,359	\$ 58.52
	Structural Steel Truss (STRTR)	1	2,028	\$ 256,693	\$ 126.57
	Girder Steel "I" Beam (GS-I)	2	2,753	\$ 427,740	\$ 155.37
<i>Off Span Totals</i>					
	Off Totals	120	462,241	\$ 32,132,045	\$ 69.51
<i>On Culvert</i>					
	Culverts	42	259,815	\$ 17,173,705	\$ 66.10
<i>On Span</i>					
	Girder Prestressed "Box" Beam (GP-BX)	15	92,831	\$ 7,768,311	\$ 83.68
	Girder Prestressed "I" Beam (GP-I)	138	3,203,136	\$ 156,434,885	\$ 48.84
	Girder Prestressed "I" Beam "Texas Shape" (GPITX)	18	522,839	\$ 25,172,736	\$ 48.15
	Girder Prestressed "U" Beam (GP-U)	6	229,100	\$ 15,995,769	\$ 69.82
	Prestressed Concrete Slab Beam (PCSB)	32	260,921	\$ 16,501,775	\$ 63.24
	Concrete Slab (SLAB)	4	39,122	\$ 2,212,262	\$ 56.55
	Girder Steel "I" Beam (GS-I)	5	79,740	\$ 8,502,834	\$ 106.63
	Girder Steel Trapezoidal (GS-TR)	3	93,795	\$ 13,388,855	\$ 142.75
<i>On Span Totals</i>					
	On Totals	221	4,521,484	\$ 245,977,427	\$ 54.40

**The accumulation of the adjusted structure cost for the year is divided by the accumulation of the deck area to arrive at the approximate average unit cost. Unit costs include only structural work items for deck, superstructure, and substructure. Items for approach roadway, traffic control, environmental controls, and other bid items are not included.*

***Adjusted structure cost is derived by multiplying the engineer's estimate for structure cost on the project by the ratio of the low bid for the project to the engineer's estimate of the project. This adjusted structure cost offsets unbalanced bids and more accurately represents cost.*