



FY 19 Average Unit Cost

State FY 2019 Low Bid Average for New and Replaced Bridges with DCIS Estimate													average	Total Number
Length, LF	20-50		51-100		101-200		201-400		401-1000		>1000			
Type	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	\$/SF	#
CLV	39	91.9	8	85.1	3	84.7	1	101.9					90.3	51
GP-BX			23	134.4	3	115.2							128.9	26
GPDSB			5	233.1									233.1	5
GPITX	2	125.3	36	120.9	24	94.5	59	80.8	26	74.9	24	68.3	74.4	171
GP-U					1	62.8	7	70.9	5	58.6	4	58.6	61.4	17
GPXBX			1	173.3	3	101.7	1	138.4					121.9	5
GS-I					1	244.2	1	141.9	5	140.8			146.4	7
GS-TR					4	144.4	6	148.7	3	181.1			156.7	13
PCSB	22	148.8	11	132.2	14	109.0	1	64.1	1	86.5			113.3	49
SLAB			1	143.1									143.1	1
All Types Total													82.4	345
Span Bridges (All Types excluding culverts)													82.1	294

Legend:

- CLV - Bridge Class Culvert
- GP-BX - Girder Prestressed "Box" Beam
- GPDSB - Girder Prestressed Decked Slab Beam
- GPITX - Girder Prestressed "I" Texas Shape
- GP-U - Girder Prestressed "U" Beam
- GPXBX - Girder Prestressed "X Box"
- GS-I - Girder Steel "I" Beam
- GS-TR - Girder Steel Trapezoidal
- PCSB - Prestressed Concrete Slab Beam
- SLAB - Cast In Place Slab

Note: # is a number of whole or portions of a bridge of a certain type. In this case 345 portions represent 330 bridges.



State FY 2019 Low Bid Average for New and Replaced Bridges with DCIS Estimate, On and Off System, cont.

Length, LF	20-50				51-100				101-200				201-400				401-1000				>1000				Type
	On		Off		On		Off		On		Off		On		Off		On		Off		On		Off		
Type	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	#	\$/SF	
CLV	32	87.5	7	160.7	8	85.10			2	106.3	1	44.6	1	101.9											CLV
GP-BX					6	112.7	17	144.5	3	115.2															GP-BX
GPDSB					4	245.2	1	124.4																	GPDSB
GPITX			2	125.3	13	112.9	23	132.2	21	94.4	3	95.4	59	80.8			26	74.9			23	67.7	1	92.4	GPITX
GP-U									1	62.8			7	70.9			5	58.6			4	58.6			GP-U
GPXBX					1	173.3			3	101.7					1	138.4									GPXBX
GS-I					1	244.2			1	142.0			5	140.9											GS-I
GS-TR													6	148.7			3	181.1							GS-TR
PCSB	4	166.2	18	144.0	4	129.1	7	135.6	8	104.5	6	115.4	1	64.1			1	86.5							PCSB
SLAB							1	143.1																	SLAB

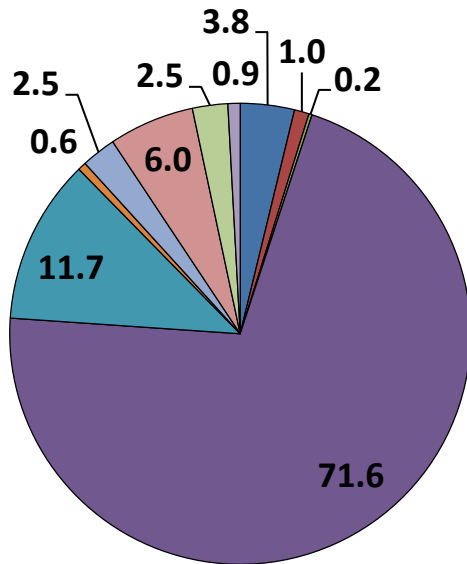
Type	average \$/SF			Area								Cost								Number			
	On	Off	Total	On			Off			Total	%Total	On		Off		Total	Total	On		Off		Total	Total
	\$/SF	\$/SF	\$/SF	SF	avg SF	%	SF	avg SF	%	SF	%	\$	%	\$	%	\$	%	#	%	#	%	#	%
CLV	91.6	78.7	90.3	217,260	5,053	90.1	23,819	2,977	9.9	241,079	3.8	19,898,611	91.4	1,875,340	8.6	21,773,951	4.2	43	84.3	8	15.7	51	14.8
GP-BX	114.1	144.5	128.9	33,605	3,734	51.3	31,887	1,876	48.7	65,492	1.0	3,834,502	45.4	4,607,242	54.6	8,441,744	1.6	9	34.6	17	65.4	26	7.5
GPDSB	245.2	124.4	233.1	12,852	0	89.9	1,439	1,439	10.1	14,291	0.2	3,151,600	94.6	179,000	5.4	3,330,600	0.6	4	80.0	1	20.0	5	1.4
GPITX	73.5	108.7	74.4	4,398,903	30,978	97.5	114,961	3,964	2.5	4,513,864	71.6	323,429,747	96.3	12,497,130	3.7	335,926,877	64.7	142	83.0	29	17.0	171	49.6
GP-U	61.4		61.4	735,136	43,243	100	0	0	0.0	735,136	11.7	45,103,622	100.0	0	0.0	45,103,622	8.7	17	100.0	0	0.0	17	4.9
GPXBX	109.2	138.4	121.9	21,071	5,268	57	16,158	16,158	43.4	37,229	0.6	2,300,587	50.7	2,236,718	49.3	4,537,305	0.9	4	80.0	1	20.0	5	1.4
GS-I	146.4		146.4	154,412	22,059	100	0	0	0.0	154,412	2.5	22,599,815	100.0	0	0.0	22,599,815	4.3	7	100.0	0	0.0	7	2.0
GS-TR	156.7		156.7	380,902	29,300	100	0	0	0.0	380,902	6.0	59,696,502	100.0	0	0.0	59,696,502	11.5	13	100.0	0	0.0	13	3.8
PCSB	106.6	119.0	113.3	72,491	4,264	46.0	84,991	2,656	54.0	157,482	2.5	7,729,594	43.3	10,116,560	56.7	17,846,154	3.4	17	34.7	32	65.3	49	14.2
SLAB		143.1	143.1	0	0	0.0	2,080	2,080	100.0	2,080	0.9	0	0.0	297,690	100.0	297,690	0.1	0	0.0	1	100.0	1	0.3
ALL	80.9	116.4	82.4	6,026,632		100.0	273,255		100.0	6,301,967	100.0	487,744,580	100.0	31,809,680	100.0	519,554,260	100.0	256	100.0	89	100.0	345	100.0
All-CLV	80.5	119.0	82.1	5,809,372		96.4	251,516		91.3	6,060,888	96.2	467,845,969	95.9	29,934,340	94.1	497,780,309	95.8	213	83.2	81	91.0	294	85.2
CLV	91.6	78.7	90.3	217,260		3.6	23,819		8.7	241,079	3.8	19,898,611	4.1	1,875,340	5.9	21,773,951	4.2	43	16.8	8	9.0	51	14.8

ALL	80.9	115.3	82.4	6,026,632		96	273,255		4			487,744,580	94	31,511,990	6			256	74	89	26		
All-CLV	80.5	118.8	82.1	5,809,372		92	249,436		4	6,301,967		467,845,969	90	29,636,650	6	\$519,554,260		213	62	81	23	345	
CLV	91.6	78.7	90.3	217,260		3	23,819		0.4			19,898,611	4	1,875,340	0			43	12	8	2		

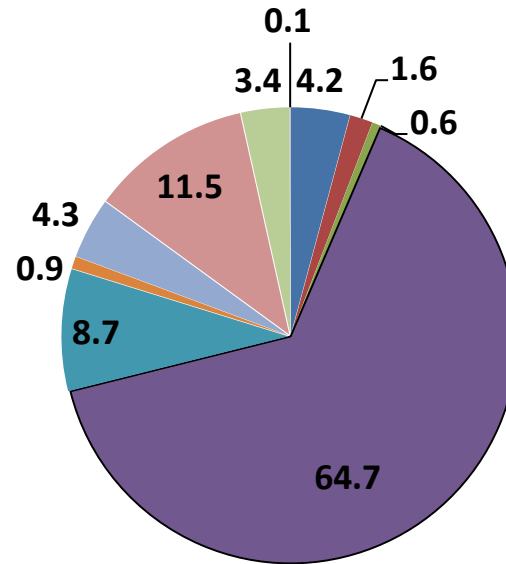
Note: # is a number of whole or portions of a bridge of a certain type. In this case 345 portions represent 330 bridges.



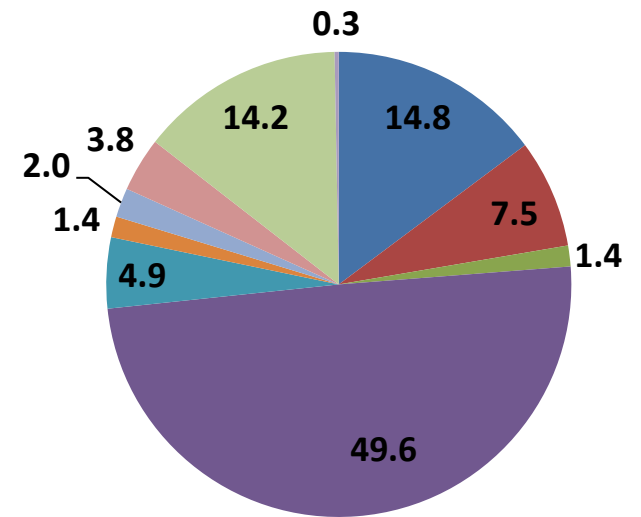
FY 2019 Bridge Area [%]



FY 2019 Bridge Cost [%]



FY 2019 Bridge Number [%]



Legend

CLV	- Bridge Class Culvert
GP-BX	- Girder Prestressed "Box" Beam
GPDSB	- Girder Prestressed Decked Slab Beam
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