



FY 16 Average Unit Cost

State FY 2016 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	15	80.2	8	61.2									72.4	23
GP-BX			23	134.7	9	82.8	5	82.6					92.1	37
GPDSB	2	140.8	1	116.3	1	114.6							122.8	4
GP-I			1	166.4									166.4	1
GPITX	3	135.2	29	115.3	30	72.8	82	63.9	26	60.4	29	52.3	59.0	199
GP-U							1	49.0	3	60.2	1	50.7	54.2	5
GPXBX					1	129.0							129.0	1
GS-I							2	130.6	13	139.8	5	126.6	133.1	20
GS-TR									1	102.5			102.5	1
PCSB	19	129.0	10	125.9	11	99.2	2	82.9					105.7	42
SLAB	2	124.2	1	95.0									114.6	3
STRTR*			1	536.7	1	212.9							327.5	2

Legend

- CLV - Bridge Class Culvert
- GP-BX - Girder Prestressed "Box" Beam
- GPDSB - Girder Prestressed Decked Slab Beam
- GP-I - Girder Prestressed "I" 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 - Slab Cast in Place
- STRTR\* - Structural Truss in this case 1 RR plate truss & 1 vehicular truss

Note: # is a number of whole or portions of a bridge of certain type. In this case 338 represent 309 bridges.



TEXAS DEPARTMENT OF TRANSPORTATION

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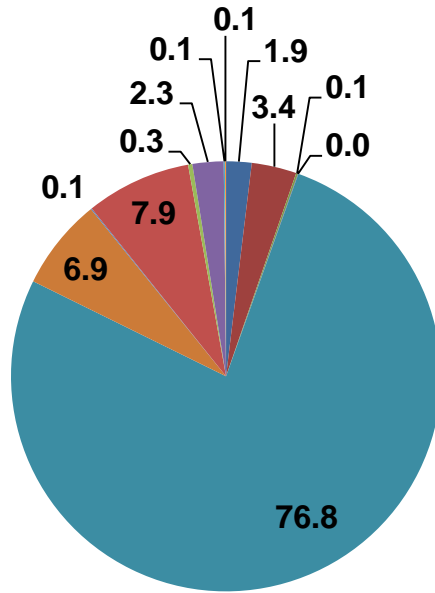
State FY 2016 Low Bid Average, Area, Cost, and Number of New and Replaced Bridges with DCIS Estimate																								
Type	average \$/SF			Area								Cost								Number				
	On	Off	Total	On			Off			Total	%Total	On		Off		Total	Total	On		Off		Total	Total	
	\$/SF	\$/SF	\$/SF	SF	avg SF	%	SF	avg SF	%	SF	%	\$	%	\$	%	\$	%	#	%	#	%	#	%	
CLV	68.3	122.2	72.4	111,111	6,944	92.5	9,057	1,294	7.5	120,169	1.9	7,590,819	87.3	1,106,417	12.7	8,697,236	2.0	16	69.6	7	30.4	23	6.8	
GP-BX	82.7	134.7	92.1	173,662	12,404	81.8	38,571	1,677	18.2	212,233	3.4	14,358,124	73.4	5,194,434	26.6	19,552,558	4.6	14	37.8	23	62.2	37	10.9	
GPDSB	114.6	125.2	122.8	1,950	1,950	22.2	6,820	2,273	77.8	8,770	0.1	223,485	20.7	853,674	79.3	1,077,159	0.3	1	25.0	3	75.0	4	1.2	
GP-I	166.4	-	166.4	2,021	2,021	100.0	0	0	0.0	2,021	0.0	336,354	100.0	0	0.0	336,354	0.1	1	100.0	0	0.0	1	0.3	
GPITX	58.2	104.4	59.0	4,740,307	26,781	98.2	87,512	3,978	1.8	4,827,819	76.8	275,818,801	96.8	9,138,199	3.2	284,957,000	66.9	177	88.9	22	11.1	199	58.9	
GP-U	54.6	48.7	54.2	403,984	134,661	93.2	29,530	14,765	6.8	433,514	6.9	22,041,258	93.9	1,438,343	6.1	23,479,600	5.5	3	60.0	2	40.0	5	1.5	
GPXBX	-	129.0	129.0	0	0	0.0	4,640	4,640	100.0	4,640	0.1	0	0.0	598,733	100.0	598,733	0.1	0	0.0	1	100.0	1	0.3	
GS-I	145.5	132.5	133.1	476,428	25,075	95.8	20,928	20,928	4.2	497,356	7.9	63,143,463	95.4	3,066,700	4.6	66,210,163	15.5	19	95.0	1	5.0	20	5.9	
GS-TR	102.5	-	102.5	33,178	33,178	100.0	0	0	0.0	20,240	0.3	3,400,070	100.0	0	0.0	3,400,070	0.8	1	100.0	0	0.0	1	0.3	
PCSB	97.2	118.2	105.7	87,866	5,858	59.9	58,922	2,182	40.1	146,788	2.3	8,542,964	55.1	6,966,910	44.9	15,509,874	3.6	15	35.7	27	64.3	42	12.4	
SLAB	-	114.6	114.6	0	0	0.0	5,524	1,841	100.0	5,524	0.1	0	0.0	633,129	100.0	633,129	0.1	0	0.0	3	100.0	3	0.9	
STRTR*	536.7	212.9	327.5	1,880	1,880	35.4	3,432	3,432	64.6	5,312	0.1	1,009,061	58.0	730,624	42.0	1,739,685	0.4	1	50.0	1	50.0	2	0.6	
ALL	65.7	112.2	67.8	6,032,387		96.0	264,936		4.2	6,284,385	100.0	396,464,399	93.0	29,727,163	7.0	426,191,561	100.0	248	73.4	90	26.6	338	100.0	
All-CLV	65.7	111.9	67.7	5,921,275		94.2	255,879		4.1	6,164,217	98.1	388,873,580	93.1	28,620,746	6.9	417,494,325	98.0	232	73.7	83	26.3	315	93.2	
CLV	68.3	122.2	72.4	111,111		1.8	9,057		0.1	120,169	1.9	7,590,819	87.3	1,106,417	12.7	8,697,236	2.1	16	69.6	7	30.4	23	7.3	

Legend

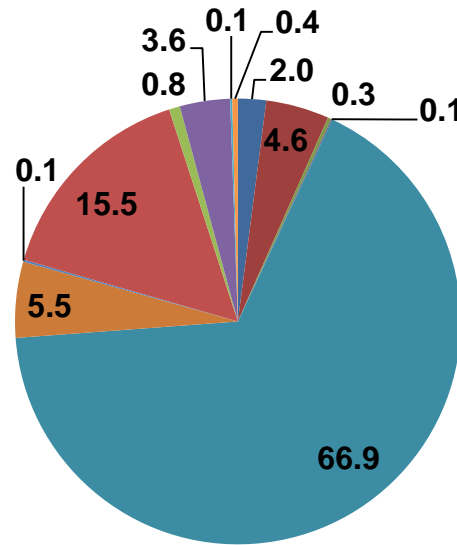
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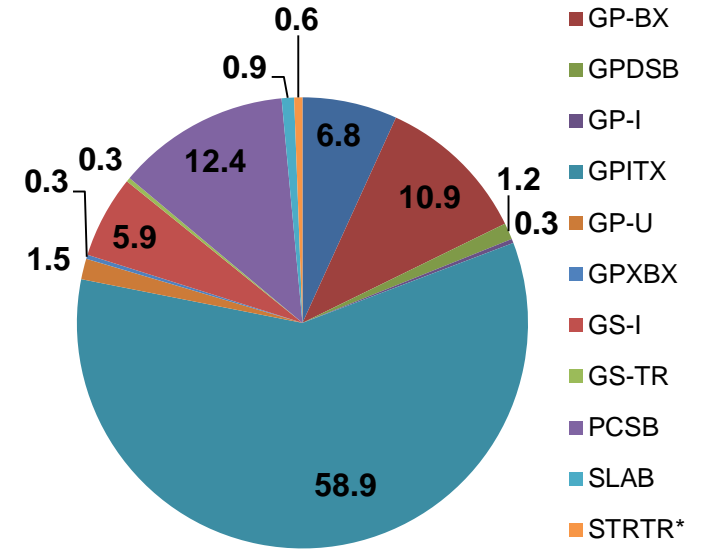
FY 2016 Bridge Area [%]



FY 2016 Bridge Cost [%]



FY 2016 Bridge Number [%]



- CLV
- GP-BX
- GPDSB
- GP-I
- GPITX
- GP-U
- GPXBX
- GS-I
- GS-TR
- PCSB
- SLAB
- STRTR\*

Legend

<b>CLV</b>	-	Bridge Class Culvert	<b>GPXBX</b>	-	Girder Prestressed "X Box"
<b>GP-BX</b>	-	Girder Prestressed "Box" Beam	<b>GS-I</b>	-	Girder Steel "I" Beam
<b>GPDSB</b>	-	Girder Prestressed Decked Slab Beam	<b>GS-TR</b>	-	Girder Steel Trapezoidal
<b>GP-I</b>	-	Girder Prestressed "I" Beam	<b>PCSB</b>	-	Prestressed Concrete Slab Beam
<b>GPITX</b>	-	Girder Prestressed "I" Texas Shape	<b>SLAB</b>	-	Slab Cast in Place
<b>GP-U</b>	-	Girder Prestressed "U" Beam	<b>STRTR*</b>	-	Structural Truss; 1 RR and 1 vehicular