Bridge Division 10/25/2005

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	A	В	С	D	Е	F	G	Н	I	
	The following tables app									
	estimate for the cumulat calculated low bid struct			,		, ,				
	These unit cost tabulation		•	•	•		•	• • • • • • • • • • • • • • • • • • • •	•	
1	traffic control, removal o	f old structures	s, and mobilization		·				•	
3	Items		20	004 Data				2005 Data		
4	Average % Breakdown	of Overall Pr						2005 Data		
5	Average % Breakdown		e Structures		lass Culverts	Span-type	e Structures	Bridge-	class Culverts	
6		On-system	Off-system	On-system	Off-system	On-system	Off-system	On-system	Off-system	
7	Structure items	53.09% 4.51%	52.92% 6.77%	61.18% 4.88%	52.51%	55.77%	52.19%	42.65% 4.50%	50.33%	
8	Removal of old structure items	4.51%	6.77%	4.88%	4.86%	2.98%	2.84%	4.50%	3.81%	
9	Mobilization item	7.07%	8.31%	9.89%	8.94%	9.12%	8.55%	7.66%	8.62%	
10	Approach roadway and misc. items	35.33%	32.00%	24.06%	36.76%	32.12%	36.42%	45.19%	30.42%	
11	mioc. items									
12										
13	Items 2004 Data Unit Cost Table for On-System Bridges					2005 Data				
14 15	Structure Type		Deck Area (Out-to-	Contract Cost (\$)	Average Unit Cost	No. of Bridges	Deck Area (Out-to-	Contract Cost (\$)	Average Unit Cost	
16		-	Out, sq. ft.)		(\$/sq. ft.)		Out, sq. ft.)		(\$/sq. ft.)	
17	Girder, prestressed, I- shaped (GP-I)	231	7,133,351	\$251,499,251	\$35.26	179	5,107,963	\$235,756,453	\$46.15	
<del>''</del>	Girder, prestressed, box-	23	365,302	\$22,548,451	\$61.73	45	485,801	\$30,488,781	\$62.76	
18	shaped, (GP-Box)	,	7,000	\$222.042	¢44.75		24.400	¢4 450 740	¢67.00	
19	Girder, prestressed, T- shaped, (GP-T)	1	7,200	\$322,213	\$44.75	3	21,480	\$1,452,743	\$67.63	
	Girder, prestressed, U-	38	1,398,271	\$64,007,766	\$45.78	53	2,435,336	\$100,806,053	\$41.39	
20	shaped, (GP-U) Girder, steel, I-shaped	23	751,691	\$66,748,917	\$88.80	33	1,052,986	\$90,383,399	\$85.84	
21	(GS-I)	20	701,001	ψου,, 10,0 T	Ψοσ.σσ					
22	Girder, steel, trapezoidal shaped (GS-TR)	14	576,670	\$94,913,399	\$164.59	13	385,192	\$30,965,973	\$80.39	
22	Concrete girder, pan form	2	14,720	\$810,585	\$55.07	1	10,880	\$537,336	\$49.39	
23	(CG-Pan)							44.5		
24	Concrete slab (SLAB) Slab, prestressed (PCSB)	1 14	8,000 104,070	\$251,870 \$6,326,067	\$31.48 \$60.79	9	12,150 54,786	\$817,192 \$3,332,256	\$67.26 \$60.82	
25	olab, prestressed (1 00b)	1-7	104,070	ψ0,020,007	ψου.7 σ		04,700	ψ0,002,200	ψ00.02	
26	Total	347	10,359,274	\$507,428,518	\$48.98	339	9,566,574	\$494,540,187	\$51.69	
27 28										
29										
29 30	Items		20	004 Data				2005 Data		
29 30 31	Items Unit Cost Table for Off-S	ystem Bridges		004 Data	Average Unit Cost			2005 Data	Average Unit Cost	
29 30		ystem Bridges No. of Bridges	Deck Area (Out-to- Out, sq. ft.)	004 Data  Contract Cost (\$)	Average Unit Cost (\$/sq. ft.)	No. of Bridges	Deck Area (Out-to- Out, sq. ft.)	2005 Data  Contract Cost (\$)	Average Unit Cost (\$/sq. ft.)	
29 30 31 32 33	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-		Deck Area (Out-to-		-	No. of Bridges	Deck Area (Out-to-			
29 30 31 32	Unit Cost Table for Off-S Structure Type	No. of Bridges	Deck Area (Out-to- Out, sq. ft.)	Contract Cost (\$)	(\$/sq. ft.)		Deck Area (Out-to- Out, sq. ft.)	Contract Cost (\$)	(\$/sq. ft.)	
29 30 31 32 33	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)	No. of Bridges 80	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801	Contract Cost (\$) \$19,326,651 \$1,299,603	(\$/sq. ft.) \$48.62 \$54.60	7	Deck Area (Out-to- Out, sq. ft.) 702,353 16,386	Contract Cost (\$) \$29,485,011 \$1,321,490	(\$/sq. ft.) \$41.98 \$80.65	
30 31 32 33 34	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-	No. of Bridges 80	Deck Area (Out-to- Out, sq. ft.) 397,493	Contract Cost (\$) \$19,326,651	(\$/sq. ft.) \$48.62	64	Deck Area (Out-to- Out, sq. ft.) 702,353	Contract Cost (\$) \$29,485,011	(\$/sq. ft.) \$41.98	
29 30 31 32 33 34 35	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I- shaped (GP-I)  Girder, prestressed, box- shaped, (GP-Box)  Girder, prestressed, T- shaped, (GP-T)  Girder, steel, I-shaped	No. of Bridges 80	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801	Contract Cost (\$) \$19,326,651 \$1,299,603	(\$/sq. ft.) \$48.62 \$54.60	7	Deck Area (Out-to- Out, sq. ft.) 702,353 16,386	Contract Cost (\$) \$29,485,011 \$1,321,490	(\$/sq. ft.) \$41.98 \$80.65	
29 30 31 32 33 34 35	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I- shaped (GP-I)  Girder, prestressed, box- shaped, (GP-Box)  Girder, prestressed, T- shaped, (GP-T)  Girder, steel, I-shaped (GS-I)	No. of Bridges 80 6 7	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801 16,920	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322	(\$/sq. ft.) \$48.62 \$54.60 \$51.61	7 1	Deck Area (Out-to- Out, sq. ft.) 702,353 16,386 1,800 2,600	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204	(\$/sq. ft.) \$41.98 \$80.65 \$99.01	
29 30 31 32 33 34 35 36	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal  shaped (GS-Trap)	No. of Bridges 80 6 7	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801 16,920	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322	(\$/sq. ft.) \$48.62 \$54.60 \$51.61	7 1	Deck Area (Out-to- Out, sq. ft.) 702,353 16,386 1,800	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215	(\$/sq. ft.) \$41.98 \$80.65	
29 30 31 32 33 34 35 36 37	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-	No. of Bridges 80 6 7	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801 16,920	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322	(\$/sq. ft.) \$48.62 \$54.60 \$51.61	7 1	Deck Area (Out-to- Out, sq. ft.) 702,353 16,386 1,800 2,600	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204	(\$/sq. ft.) \$41.98 \$80.65 \$99.01	
29 30 31 32 33 34 35 36	Unit Cost Table for Off-S  Structure Type Girder, prestressed, I- shaped (GP-I) Girder, prestressed, box- shaped, (GP-Box) Girder, prestressed, T- shaped, (GP-T) Girder, steel, I-shaped (GS-I) Girder, steel, trapezoidal shaped (GS-Trap) Concrete Girder, T- Shaped (CG-T)	No. of Bridges 80 6 7 3	Deck Area (Out-to- Out, sq. ft.) 397,493 23,801 16,920 12,550	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89	64 7 1 1 1	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75	
39 30 31 32 33 34 35 36 37 38 39	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)	No. of Bridges 80 6 7 3 0 0 9	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - - 20,215	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - - \$1,088,650	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89	64 7 1 1 1 1 2	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58	
39 30 31 32 33 34 35 36 37 38 39	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)	No. of Bridges 80 6 7 3 0 0	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - - 20,215 8,700	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - - \$1,088,650 \$402,957	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - - \$53.85 \$46.32	64 7 1 1 1 1 2	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76	
39 30 31 32 33 34 35 36 37 38 39	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)	No. of Bridges 80 6 7 3 0 0 9	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - - 20,215	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - - \$1,088,650	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89	64 7 1 1 1 1 2	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)	No. of Bridges 80 6 7 3 0 0 9 4 6 6 3	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78	64 7 1 1 1 2 11 24	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679	\$\left(\frac{\fin}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\fire}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac}{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)	No. of Bridges 80 6 7 3 0 0 9 4 6	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 20,215 8,700 9,505	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - - \$1,088,650 \$402,957 \$710,806	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78	64 7 1 1 1 1 2 11 24	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679	\$\left(\frac{\fir}{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\fir}{\frac{\frac{\frac{\frac{\fir}}{\firin}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)	No. of Bridges 80 6 7 3 0 0 9 4 6 6 3	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78	64 7 1 1 1 2 11 24	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679	\$\left(\frac{\fin}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\fire}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac}{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 20,215 8,700 9,505 10,080 499,263	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78	64 7 1 1 1 2 11 24	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679	\$\left(\frac{\fin}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\fire}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac}{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete Girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total  Items  Unit Cost Table for Bridge	No. of Bridges 80 6 7 3 0 0 9 4 6 6 3 118	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00	64 7 1 1 1 2 11 24 0 112	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 \$41,589,248	(\$/sq. ft.) \$41.98  \$80.65  \$99.01  \$73.16  \$77.75  \$106.58  \$55.76  \$50.87  \$70.32	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 20,215 8,700 9,505 10,080 499,263	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78	64 7 1 1 1 2 11 24	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 \$41,589,248	\$\left(\frac{\fin}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\fire}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac}\frac{\frac{\frac}{\frac{\fir}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\frac{\fir}}}}}}{\frac{\frac{\frac{\frac{\frac{\frac{\frac{	
29 30 31 32 33 34 35 36 37 38 40 41 42 43 44 45 46 47 48 49 50 51	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total  Items  Unit Cost Table for Bridg  Structure Type  On-system HBRRP	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118 e-class Culvert No. of Structures 6	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263  20  Is Deck Area (Out-to-Out, sq. ft.) 9,819	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941  Contract Cost (\$) \$606,862	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00	64 7 1 1 1 2 11 24 0 112 No. of Structures	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991  Deck Area (Out-to-Out, sq. ft.) 14,357	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 - \$41,589,248  Contract Cost (\$) \$1,069,155	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76 \$50.87 \$70.32	
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, I-spaped (GS-Trap)  Concrete Girder, T-shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total  Items  Unit Cost Table for Bridg  Structure Type  On-system HBRRP  On-system non-HBRRP	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118 e-class Culvert No. of Structures 6 94	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263  2(  ts Deck Area (Out-to-Out, sq. ft.) 9,819 778,899	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941  Contract Cost (\$) \$606,862 \$25,479,225	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00 Average Unit Cost (\$/sq. ft.) \$61.80 \$32.71	64 7 1 1 1 2 11 24 0 112  No. of Structures	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991  Deck Area (Out-to-Out, sq. ft.) 14,357 449,636	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 - \$41,589,248  Contract Cost (\$) \$1,069,155 \$18,097,926	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76 \$50.87 \$70.32	
39 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 64 47 48 49 50 51	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total  Items  Unit Cost Table for Bridg  Structure Type  On-system HBRRP	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118 e-class Culvert No. of Structures 6	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263  20  Is Deck Area (Out-to-Out, sq. ft.) 9,819	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941  Contract Cost (\$) \$606,862	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00	64 7 1 1 1 2 11 24 0 112 No. of Structures	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991  Deck Area (Out-to-Out, sq. ft.) 14,357	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 - \$41,589,248  Contract Cost (\$) \$1,069,155	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76 \$50.87 \$70.32	
39 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 50 51 52 53 54	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I-shaped (GP-I)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, box-shaped, (GP-Box)  Girder, prestressed, T-shaped, (GP-T)  Girder, steel, I-shaped (GS-I)  Girder, steel, trapezoidal shaped (GS-Trap)  Concrete Girder, T-Shaped (CG-T)  Concrete girder, pan form (CG-Pan)  Concrete slab (SLAB)  Slab, prestressed (PCSB)  Steel truss (STRTR)  Total  Items  Unit Cost Table for Bridg  Structure Type  On-system HBRRP  On-system non-HBRRP  On-system total	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118 e-class Culvert No. of Structures 6 94 100 38	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263  20 ES Deck Area (Out-to-Out, sq. ft.) 9,819 778,899 788,718 43,474	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941  Contract Cost (\$) \$606,862 \$25,479,225 \$26,086,087 \$3,171,113	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00 Average Unit Cost (\$/sq. ft.) \$61.80 \$32.71 \$33.07	64 7 1 1 1 1 2 11 24 0 112  No. of Structures 9 68 77 34	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991  Deck Area (Out-to-Out, sq. ft.) 14,357 449,636 463,993 55,220	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679 \$41,589,248  Contract Cost (\$) \$1,069,155 \$18,097,926 \$19,167,081 \$3,796,441	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76 \$50.87 \$70.32 - \$47.15  Average Unit Cost (\$/sq. ft.) \$74.47 \$40.25 \$41.31 \$68.75	
39 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 44 45 46 47 50 51 52 53	Unit Cost Table for Off-S  Structure Type  Girder, prestressed, I- shaped (GP-I) Girder, prestressed, box- shaped, (GP-Box) Girder, prestressed, box- shaped, (GP-Box) Girder, prestressed, T- shaped, (GP-T) Girder, steel, I-shaped (GS-I) Girder, steel, I-shaped (GS-Trap) Concrete Girder, T- Shaped (CG-T) Concrete girder, pan form (CG-Pan) Concrete slab (SLAB) Slab, prestressed (PCSB) Steel truss (STRTR) Total  Items Unit Cost Table for Bridg Structure Type On-system HBRRP On-system non-HBRRP	No. of Bridges 80 6 7 3 0 0 9 4 6 3 118 e-class Culvert No. of Structures 6 94 100	Deck Area (Out-to-Out, sq. ft.) 397,493 23,801 16,920 12,550 - 20,215 8,700 9,505 10,080 499,263  2(cts) Deck Area (Out-to-Out, sq. ft.) 9,819 778,899 788,718	Contract Cost (\$) \$19,326,651 \$1,299,603 \$873,322 \$1,165,738 - \$1,088,650 \$402,957 \$710,806 \$1,095,215 \$25,962,941  Contract Cost (\$) \$606,862 \$25,479,225 \$26,086,087	(\$/sq. ft.) \$48.62 \$54.60 \$51.61 \$92.89 - - \$53.85 \$46.32 \$74.78 \$108.65 \$52.00 Average Unit Cost (\$/sq. ft.) \$61.80 \$32.71 \$33.07	64  7  1  1  1  2  11  24  0  112  No. of Structures  9  68  77	Deck Area (Out-to-Out, sq. ft.) 702,353 16,386 1,800 2,600 45,920 1,560 5,486 55,206 50,680 - 881,991  Deck Area (Out-to-Out, sq. ft.) 14,357 449,636 463,993	Contract Cost (\$) \$29,485,011 \$1,321,490 \$178,215 \$109,204 \$3,570,217 \$166,265 \$305,884 \$2,808,283 \$3,563,679	(\$/sq. ft.) \$41.98 \$80.65 \$99.01 \$73.16 \$77.75 \$106.58 \$55.76 \$50.87 \$70.32 - \$47.15  Average Unit Cost (\$/sq. ft.) \$74.47 \$40.25 \$41.31	

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