

Quiet Zone - Waterfront Alternative 1			Before GPT	
"C" Street (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$36,157	1	\$36,157
Additonal gates and signals	EA	\$72,630	4	\$290,520
Add'l Quiet Zone indicators	EA	\$8,100	2	\$16,200
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Concrete Crossing	LF	\$1,080	80	\$86,400
Quiet Zone Warning Signs	EA	\$324	4	\$1,296
Sidewalk and Curb	SY	\$65	40	\$2,600
Guardrail	LF	\$25	38	\$950
			SUBTOTAL	\$488,123
Sales Tax	8.40%			\$41,002
			SUBTOTAL	\$529,125
Contingencies	30%			\$158,738
				\$687,863

Assumption:
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 1			Before GPT	
Pine/Wharf Street (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$29,214	1	\$29,214
Additonal gates and signals	EA	\$72,630	4	\$290,520
Add'l Quiet Zone indicators	EA	\$8,100	2	\$16,200
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Quiet Zone Warning Signs	EA	\$324	2	\$648
Curb and Gutter	LF	\$24	40	\$960
Guardrail	LF	\$25	114	\$2,850
			SUBTOTAL	\$394,392
Sales Tax	8.40%			\$33,129
			SUBTOTAL	\$427,521
Contingencies	30%			\$128,256
				\$555,777

Assumption:
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 1			Before GPT	
Laurel Street (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$29,861	1	\$29,861
Additonal gates and signals	EA	\$72,630	4	\$290,520
Add'l Quiet Zone indicators	EA	\$8,100	3	\$24,300
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Quiet Zone Warning Signs	EA	\$324	2	\$648
Guardrail	LF	\$25	152	\$3,800
			SUBTOTAL	\$403,129
Sales Tax	8.40%			\$33,863
			SUBTOTAL	\$436,992
Contingencies	30%			\$131,098
				\$568,089

Assumption:

Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 1			Before GPT	
"F" Street (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$45,369	1	\$45,369
Additonal gates and signals	EA	\$72,630	4	\$290,520
Add'l Quiet Zone indicators	EA	\$8,100	4	\$32,400
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Additional GCP for 4 tracks xing	EA	\$40,000	1	\$40,000
Quiet Zone Warning Signs	EA	\$324	4	\$1,296
Cantilever Mast for QZ Indicators	EA	\$43,200	1	\$43,200
Guardrail	LF	\$25	76	\$1,900
			SUBTOTAL	\$508,685
Sales Tax	8.40%			\$42,730
			SUBTOTAL	\$551,415
Contingencies	30%			\$165,424
				\$716,839

Assumption:
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 1			Before GPT	
Cornwall Avenue/ Beal Memorial Road (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$37,967	1	\$37,967
Additonal gates and signals	EA	\$72,630	4	\$290,520
Additional Gates	EA	\$44,200	2	\$88,400
Add'l Quiet Zone indicators	EA	\$8,100	2	\$16,200
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Median Barrier	LF	\$8	130	\$1,040
Quiet Zone Warning Signs	EA	\$324	2	\$648
Curb and Gutter	LF	\$24	950	\$22,800
Raised Asphalt Island	TON	\$140	7	\$980
			SUBTOTAL	\$512,555
Sales Tax	8.40%			\$43,055
			SUBTOTAL	\$555,610
Contingencies	30%			\$166,683
				\$722,293

Assumption:

Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 1			Before GPT	
Central Avenue (Four-Quad Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$29,743	1	\$29,743
Additonal gates and signals	EA	\$72,630	4	\$290,520
Add'l Quiet Zone indicators	EA	\$8,100	3	\$24,300
Exit Gate Mgt. System	EA	\$54,000	1	\$54,000
Quiet Zone Warning Signs	EA	\$324	4	\$1,296
Curb and Gutter	LF	\$24	30	\$720
Guardrail	LF	\$25	38	\$950
			SUBTOTAL	\$401,529
Sales Tax	8.40%			\$33,728
			SUBTOTAL	\$435,257
Contingencies	30%			\$130,577
				\$565,835

Assumption:
Estimate is in 2012 dollars