

Quiet Zone - Waterfront Alternative 4			Before GPT	
"C" Street (Pedestrian Gates) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$21,887	1	\$21,887
Pedestrian Gate and Signal	EA	\$115,560	2	\$231,120
Add'l Quiet Zone indicators	EA	\$8,100	2	\$16,200
Remove Xing Mainline	LF	\$27	48	\$1,296
Remove Xing Siding	LF	\$27	48	\$1,296
Place concrete crossings	LF	\$1,080	16	\$17,280
Remove asphalt approaches	SY	\$5	670	\$3,350
Install barriers	LF	\$8	80	\$640
Install Curb and Gutter	LF	\$24	100	\$2,400
			<b>SUBTOTAL</b>	<b>\$295,469</b>
Sales Tax	8.40%			\$24,819
			<b>SUBTOTAL</b>	<b>\$320,288</b>
Contingencies	30%			\$96,087
				<b>\$416,375</b>

Assumption:

Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 4			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
			<b>SUBTOTAL</b>	<b>\$394,392</b>
Sales Tax	8.40%			\$33,129
			<b>SUBTOTAL</b>	<b>\$427,521</b>
Contingencies	30%			\$128,256
				<b>\$555,777</b>

Assumption:  
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 4			Before GPT	
Laurel Street (Median Barriers) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$3,286	1	\$3,286
Add'l Quiet Zone indicators	EA	\$8,100	4	\$32,400
Quiet Zone Warning Signs	EA	\$324	2	\$648
Median Barriers	LF	\$8	210	\$1,680
Remove Timber Crossings	LF	\$27	96	\$2,592
Remove Track	TF	\$16	116	\$1,856
Guardrail	LF	\$25	76	\$1,900
			<b>SUBTOTAL</b>	<b>\$44,362</b>
Sales Tax	8.40%			\$3,726
			<b>SUBTOTAL</b>	<b>\$48,088</b>
Contingencies	30%			\$14,427
				<b>\$62,515</b>

Assumption:  
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 4			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
			<b>SUBTOTAL</b>	<b>\$508,685</b>
Sales Tax	8.40%			\$42,730
			<b>SUBTOTAL</b>	<b>\$551,415</b>
Contingencies	30%			\$165,424
				<b>\$716,839</b>

Assumption:  
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 4		Before GPT		
Cornwall Avenue/ Beal Memorial Road (Median Barriers) - Conceptual Cost Estimate				
	Units	Unit Cost	Quantity	Total
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$7,664	1	\$7,664
Additional House and 1 Gate	EA	\$72,630	1	\$72,630
Add'l Quiet Zone indicators	EA	\$8,100	2	\$16,200
Median Barrier	LF	\$8	390	\$3,120
Quiet Zone Warning Signs	EA	\$324	3	\$972
Curb and Gutter	LF	\$24	120	\$2,880
			<b>SUBTOTAL</b>	<b>\$103,466</b>
Sales Tax	8.40%			\$8,691
			<b>SUBTOTAL</b>	<b>\$112,157</b>
Contingencies	30%			\$33,647
				<b>\$145,804</b>

Assumption:  
Estimate is in 2012 dollars

Quiet Zone - Waterfront Alternative 4			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
			<b>SUBTOTAL</b>	<b>\$401,529</b>
Sales Tax	8.40%			\$33,728
			<b>SUBTOTAL</b>	<b>\$435,257</b>
Contingencies	30%			\$130,577
				<b>\$565,835</b>

Assumption:  
Estimate is in 2012 dollars