

Pine/Wharf St (Four-Quad Gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 27,050		1	\$ 27,050
Additional gates and signals	EA	\$ 67,250		4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500		2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000		1	\$ 50,000
Quiet Zone Warning signs	EA	\$ 300		2	\$ 600
Curb and Gutter	LF	\$ 22		40	\$ 880
Guardrails	LF	\$ 23		114	\$ 2,630
				SUBTOTAL	\$ 365,160
Sales Tax	8.4%				\$ 30,680
				SUBTOTAL	\$ 395,840
Contingencies	30.0%				\$ 118,760
Total Conceptual Cost Estimate (rounded to nearest \$1000) \$					515,000

Assumptions:

1 Estimate in 2007 dollars

Cornwall Ave/Beal Memorial Rd (Four-Quad Gates) - Conceptual Cost Estimate

	UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$ 35,140	1	\$ 35,140
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Additional gates	EA	\$ 41,000	2	\$ 82,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Median Barriers	LF	\$ 7	130	\$ 910
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Curb and Gutter	LF	\$ 22	950	\$ 20,900
Raised asphalt island	TON	\$ 120	7	\$ 840
			SUBTOTAL	\$ 474,390
Sales Tax	8.4%			\$ 39,850
			SUBTOTAL	\$ 514,240
Contingencies	30.0%			\$ 154,280
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 669,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 27,650	1	\$ 27,650
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Guardrail	LF	\$ 23	152	\$ 3,500
			SUBTOTAL	\$ 373,250
Sales Tax	8.4%			\$ 31,360
			SUBTOTAL	\$ 404,610
Contingencies	30.0%			\$ 121,390
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 526,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 27,540	1	\$ 27,540
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Curb and Gutter	LF	\$ 22	30	\$ 660
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 371,780
Sales Tax	8.4%			\$ 31,230
			SUBTOTAL	\$ 403,010
Contingencies	30.0%			\$ 120,910
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 524,000

Assumptions:

1 Estimate in 2007 dollars

"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	\$ 33,480		1	\$ 33,480
Additional gates and signals	EA	\$ 67,250		4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500		2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000		1	\$ 50,000
Concrete Crossing	LF	\$ 1,000		80	\$ 80,000
Sidewalk and Curb	SY	\$ 60		40	\$ 2,400
Quiet Zone Warning signs	EA	\$ 300		4	\$ 1,200
Guardrail	LF	\$ 23		38	\$ 880
				SUBTOTAL	\$ 451,960
Sales Tax	8.4%				\$ 37,970
				SUBTOTAL	\$ 489,930
Contingencies	30.0%				\$ 146,980
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 637,000

Assumptions:

1 Estimate in 2007 dollars

"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	\$ 34,270	1	\$	34,270
Additional gates and signals	EA	\$ 67,250	4	\$	269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	4	\$	30,000
Add'l GCP for 4 Track Xing	EA	\$ 36,400	1	\$	36,400
Exit Gate Mgt. System	EA	\$ 50,000	1	\$	50,000
Cantilever Mast for QZ Indicators	EA	\$ 40,000	1	\$	40,000
Quiet Zone Warning signs	EA	\$ 300	4	\$	1,200
Guardrail	LF	\$ 23	76	\$	1,750
				SUBTOTAL	\$ 462,620
Sales Tax	8.4%				\$ 38,870
				SUBTOTAL	\$ 501,490
Contingencies	30.0%				\$ 150,450
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 652,000

Assumptions:

1 Estimate in 2007 dollars

Pine/Wharf St (Four-Quad Gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS		\$ 27,050	1	\$ 27,050
Additional gates and signals	EA		\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA		\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA		\$ 50,000	1	\$ 50,000
Quiet Zone Warning signs	EA		\$ 300	2	\$ 600
Curb and Gutter	LF		\$ 22	40	\$ 880
Guardrails	LF		\$ 23	114	\$ 2,630
				SUBTOTAL	\$ 365,160
Sales Tax	8.4%				\$ 30,680
				SUBTOTAL	\$ 395,840
Contingencies	30.0%				\$ 118,760
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 515,000

Assumptions:

1 Estimate in 2007 dollars

Cornwall Ave/Beal Memorial Rd (Median Barriers) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 7,100	1	\$ 7,100
	Additional House and 1 gate	EA	\$ 67,000	1	\$ 67,000
	Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
	Median Barriers	LF	\$ 7	390	\$ 2,730
	Quiet Zone Warning signs	EA	\$ 300	3	\$ 900
	Curb and Gutter	LF	\$ 22	120	\$ 2,640
				SUBTOTAL	\$ 95,370
	Sales Tax	8.4%			\$ 8,020
				SUBTOTAL	\$ 103,390
	Contingencies	30.0%			\$ 31,020
	Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 134,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 3,000	1	\$ 3,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	4	\$ 30,000
Median Barriers	LF	\$ 7	210	\$ 1,470
Remove Timber crossings	LF	\$ 25	96	\$ 2,400
Remove Track	TF	\$ 15	116	\$ 1,740
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Guardrail	LF	\$ 23	76	\$ 1,750
			SUBTOTAL	\$ 40,960
Sales Tax	8.4%			\$ 3,450
			SUBTOTAL	\$ 44,410
Contingencies	30.0%			\$ 13,330
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 58,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 27,500	1	\$ 27,500
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Curb and Gutter	LF	\$ 22	30	\$ 660
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 371,740
Sales Tax	8.4%			\$ 31,230
			SUBTOTAL	\$ 402,970
Contingencies	30.0%			\$ 120,900
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 524,000

Assumptions:

1 Estimate in 2007 dollars

"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	\$ 33,500	1	\$ 33,500
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Concrete Crossing	LF	\$ 1,000	80	\$ 80,000
Sidewalk and Curb	SY	\$ 60	40	\$ 2,400
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 451,980
Sales Tax	8.4%			\$ 37,970
			SUBTOTAL	\$ 489,950
Contingencies	30.0%			\$ 146,990
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 637,000

Assumptions:

1 Estimate in 2007 dollars

"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	\$ 34,300	1	\$	34,300
Additional gates and signals	EA	\$ 67,250	4	\$	269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	4	\$	30,000
Add'l GCP for 4 Track Xing	EA	\$ 36,400	1	\$	36,400
Exit Gate Mgt. System	EA	\$ 50,000	1	\$	50,000
Cantilever Mast for QZ Indicators	EA	\$ 40,000	1	\$	40,000
Quiet Zone Warning signs	EA	\$ 300	4	\$	1,200
Guardrail	LF	\$ 23	76	\$	1,750
				SUBTOTAL	\$ 462,650
Sales Tax	8.4%				\$ 38,870
				SUBTOTAL	\$ 501,520
Contingencies	30.0%				\$ 150,460
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 652,000

Assumptions:

- 1 Estimate in 2007 dollars

Pine/Wharf St (Four-Quad Gates) - Conceptual Cost Estimate

	UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$ 27,050	1	\$ 27,050
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Curb and Gutter	LF	\$ 22	40	\$ 880
Guardrails	LF	\$ 23	114	\$ 2,630
			SUBTOTAL	\$ 365,160
Sales Tax	8.4%			\$ 30,680
			SUBTOTAL	\$ 395,840
Contingencies	30.0%			\$ 118,760
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 515,000

Assumptions:

1 Estimate in 2007 dollars

Cornwall Ave/Beal Memorial Rd (Median Barriers) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS		\$ 7,070	1	\$ 7,070
Additional House and 1 gate	EA		\$ 67,000	1	\$ 67,000
Add'l Quiet Zone Indicators	EA		\$ 7,500	2	\$ 15,000
Median Barriers	LF		\$ 7	390	\$ 2,730
Quiet Zone Warning signs	EA		\$ 300	3	\$ 900
Curb and Gutter	LF		\$ 22	120	\$ 2,640
				SUBTOTAL	\$ 95,340
Sales Tax	8.4%				\$ 8,010
				SUBTOTAL	\$ 103,350
Contingencies	30.0%				\$ 31,010
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 135,000

Assumptions:

1 Estimate in 2007 dollars

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	\$	3,040	1	\$ 3,040
Add'l Quiet Zone Indicators	EA	\$	7,500	4	\$ 30,000
Median Barriers	LF	\$	7	210	\$ 1,470
Remove Timber crossings	LF	\$	25	96	\$ 2,400
Remove Track	TF	\$	15	116	\$ 1,740
Quiet Zone Warning signs	EA	\$	300	2	\$ 600
Guardrail	LF	\$	23	76	\$ 1,750
				SUBTOTAL	\$ 41,000
Sales Tax	8.4%				\$ 3,450
				SUBTOTAL	\$ 44,450
Contingencies	30.0%				\$ 13,340
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 58,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 27,540	1	\$ 27,540
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Curb and Gutter	LF	\$ 22	30	\$ 660
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 371,780
Sales Tax	8.4%			\$ 31,230
			SUBTOTAL	\$ 403,010
Contingencies	30.0%			\$ 120,910
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 524,000

Assumptions:

1 Estimate in 2007 dollars

"C" Street (Close) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 730	1	\$	730
Remove 2 Xing Surfaces	LF	\$ 25	120	\$	3,000
Remove asphalt approaches	SY	\$ 5	670	\$	3,350
Install barriers	LF	\$ 7	80	\$	560
Install Curb and Gutter	LF	\$ 22	100	\$	2,200
				SUBTOTAL	\$ 9,840
Sales Tax	8.4%			\$	830
				SUBTOTAL	\$ 10,670
Contingencies	30.0%			\$	3,210
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 14,000

Assumptions:

1 Estimate in 2007 dollars

"F" Street (Way-Side Horn) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 7,720	1	\$ 7,720
	Way-Side Horn	EA	\$ 60,000	1	\$ 60,000
	Additional GCP for 4 track Xing	EA	\$ 36,400	1	\$ 36,400
				SUBTOTAL	\$ 104,120
	Sales Tax	8.4%			\$ 8,750
				SUBTOTAL	\$ 112,870
	Contingencies	30.0%			\$ 33,870
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 147,000

Assumptions:

- 1 Estimate in 2007 dollars

Pine/Wharf St (Four-Quad Gates) - Conceptual Cost Estimate

	UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$ 27,100	1	\$ 27,100
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Curb and gutter	LF	\$ 22	40	\$ 880
Guardrails	LF	\$ 23	114	\$ 2,630
			SUBTOTAL	\$ 365,210
Sales Tax	8.4%			\$ 30,680
			SUBTOTAL	\$ 395,890
Contingencies	30.0%			\$ 118,770
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 515,000

Assumptions:

1 Estimate in 2007 dollars

Cornwall Ave/Beal Memorial Rd (Median Barriers) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 7,100		1	\$ 7,100
Additional House and 1 gate	EA	\$ 67,000		1	\$ 67,000
Add'l Quiet Zone Indicators	EA	\$ 7,500		2	\$ 15,000
Median Barriers	LF	\$ 7		390	\$ 2,730
Quiet Zone Warning signs	EA	\$ 300		3	\$ 900
Curb and Gutter	LF	\$ 22		120	\$ 2,640
				SUBTOTAL	\$ 95,370
Sales Tax	8.4%				\$ 8,020
				SUBTOTAL	\$ 103,390
Contingencies	30.0%				\$ 31,020
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 135,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 3,100	1	\$ 3,100
Add'l Quiet Zone Indicators	EA	\$ 7,500	4	\$ 30,000
Median Barriers	LF	\$ 7	210	\$ 1,470
Remove Timber crossings	LF	\$ 25	96	\$ 2,400
Remove Track	TF	\$ 15	116	\$ 1,740
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Guardrail	LF	\$ 23	76	\$ 1,750
			SUBTOTAL	\$ 41,060
Sales Tax	8.4%			\$ 3,450
			SUBTOTAL	\$ 44,510
Contingencies	30.0%			\$ 13,360
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 58,000

Assumptions:

1 Estimate in 2007 dollars

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	\$ 27,600	1	\$ 27,600
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Curb and Gutter	LF	\$ 22	30	\$ 660
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 371,840
Sales Tax	8.4%			\$ 31,240
			SUBTOTAL	\$ 403,080
Contingencies	30.0%			\$ 120,930
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 525,000

Assumptions:

1 Estimate in 2007 dollars

"C" Street (Pedestrian Crossing) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 1,900		1	\$ 1,900
Pedestrian gate and signals	EA	\$ 107,000		2	\$ 214,000
Add'l Quiet Zone indicators	EA	\$ 7,500		3	\$ 22,500
Remove Xing - mainline	LF	\$ 25		48	\$ 1,200
Remove Xing - siding	LF	\$ 25		48	\$ 1,200
Place concrete surfaces	LF	\$ 1,000		16	\$ 16,000
Remove asphalt approaches	SY	\$ 5		670	\$ 3,350
Install barriers	LF	\$ 7		80	\$ 560
Install Curb and Gutter	LF	\$ 22		100	\$ 2,200
				SUBTOTAL	\$ 262,910
Sales Tax	8.4%				\$ 22,090
				SUBTOTAL	\$ 285,000
Contingencies	30.0%				\$ 85,500
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 371,000

Assumptions:

1 Estimate in 2007 dollars

"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	\$ 34,200		1	\$ 34,200
Additional Gates and Signals	EA	\$ 67,250		4	\$ 269,000
Additional Quiet Zone Indicators	EA	\$ 7,500		4	\$ 30,000
Additional GCP for 4 Track Xing	EA	\$ 36,400		1	\$ 36,400
Cantilever Mast for QZ Indicators	EA	\$ 40,000		1	\$ 40,000
Exit Gate Mgt. System	EA	\$ 50,000		1	\$ 50,000
Guardrail	LF	\$ 23		76	\$ 1,750
Quiet Zone Warning Signs	EA	\$ 300		4	\$ 1,200
				SUBTOTAL	\$ 462,550
Sales Tax	8.4%				\$ 38,860
				SUBTOTAL	\$ 501,410
Contingencies	30.0%				\$ 150,430
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 652,000

Assumptions:

1 Estimate in 2007 dollars

Pine/Wharf St (Four-Quad Gates) - Conceptual Cost Estimate

	UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$ 27,050	1	\$ 27,050
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Curb and Gutter	LF	\$ 22	40	\$ 880
Guardrails	LF	\$ 23	114	\$ 2,630
			SUBTOTAL	\$ 365,160
Sales Tax	8.4%			\$ 30,680
			SUBTOTAL	\$ 395,840
Contingencies	30.0%			\$ 118,760
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 515,000

Assumptions:

1 Estimate in 2007 dollars

Cornwall Ave/Beal Memorial Rd (Closed by others) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Remove track from street (Done by Others)*	EA	\$ -	0	\$ -
				SUBTOTAL	\$ -
Sales Tax		8.4%			\$ -
				SUBTOTAL	\$ -
Contingencies		30.0%			\$ -
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ -

Assumptions:

1 Estimate in 2007 dollars

** Track will be removed from street by BNSF forces under separate contract prior to the implementation of a quiet zone.*

Laurel Street (Close - Done by Others) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Remove tracks from street (Done by others)*	LF	\$ -	0	\$ -
				SUBTOTAL	\$ -
	Sales Tax	8.4%			\$ -
				SUBTOTAL	\$ -
	Contingencies	30.0%			\$ -
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ -

Assumptions:

1 Estimate in 2007 dollars

* Track will be removed from street by BNSF forces under separate contract prior to the implementation of a quiet zone.

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	\$ 27,540	1	\$ 27,540
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Add'l Quiet Zone Indicators	EA	\$ 7,500	3	\$ 22,500
Exit Gate Mgt. System	EA	\$ 50,000	1	\$ 50,000
Curb and Gutter	LF	\$ 22	30	\$ 660
Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 371,780
Sales Tax	8.4%			\$ 31,230
			SUBTOTAL	\$ 403,010
Contingencies	30.0%			\$ 120,910
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 524,000

Assumptions:

1 Estimate in 2007 dollars

"C" Street (Close) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 490		1	\$ 490
Remove 2 crossing surfaces	LF	\$ 25		120	\$ 3,000
Remove asphalt approaches	SY	\$ 5		670	\$ 3,350
Install barriers	LF	\$ 7		80	\$ 560
Install Curb and Gutter	LF	\$ 22		100	\$ 2,200
				SUBTOTAL	\$ 9,600
Sales Tax	8.4%				\$ 810
				SUBTOTAL	\$ 10,410
Contingencies	30.0%				\$ 3,130
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 14,000

Assumptions:

- 1 Estimate in 2007 dollars

"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	\$ 34,180	1	\$	34,180
Additional Gates and Signals	EA	\$ 67,250	4	\$	269,000
Additional Quiet Zone Indicators	EA	\$ 7,500	4	\$	30,000
Additional GCP for 4 Track Xing	EA	\$ 36,400	1	\$	36,400
Cantilever Mast for QZ Indicators	EA	\$ 40,000	1	\$	40,000
Exit Gate Mgt. System	EA	\$ 50,000	1	\$	50,000
Guardrail	LF	\$ 23	76	\$	1,750
Quiet Zone Warning Signs	EA	\$ 300	4	\$	1,200
				SUBTOTAL	\$ 462,530
Sales Tax	8.4%				\$ 38,860
				SUBTOTAL	\$ 501,390
Contingencies	30.0%				\$ 150,420
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 652,000

Assumptions:

1 Estimate in 2007 dollars