

Harris 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	\$ 33,530	1	\$ 33,530
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Additional gate	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
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Extend Curb and Gutter	LF	\$ 22	110	\$ 2,420
			SUBTOTAL	\$ 452,550
Sales Tax	8.4%			\$ 38,020
			SUBTOTAL	\$ 490,570
Contingencies	30.0%			\$ 147,180
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 638,000

Assumptions:

1 Estimate in 2007 dollars

Alaskan Ferry Access 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	\$ 27,590	1	\$ 27,590
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
Install Sidewalk	SY	\$ 60	16	\$ 960
Quiet Zone Warning signs	EA	\$ 300	3	\$ 900
Curb and Gutter	LF	\$ 22	65	\$ 1,430
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 373,260
Sales Tax	8.4%			\$ 31,360
			SUBTOTAL	\$ 404,620
Contingencies	30.0%			\$ 121,390
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 527,000

Assumptions:

1 Estimate in 2007 dollars

Private "Port" Crossing (Quiet Zone signs) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 150	1	\$ 150
	Quiet Zone Warning signs, Stop signs and X-bucks	EA	\$ 300	6	\$ 1,800
				SUBTOTAL	\$ 1,950
	Sales Tax	8.4%			\$ 170
				SUBTOTAL	\$ 2,120
	Contingencies	30.0%			\$ 640
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 3,000

Assumptions:
 Contingencies Estimate in 2007 dollars

Bayview Drive (Four-Quad Gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 26,880		1	\$ 26,880
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
Curb and Gutter	LF	\$ 22		60	\$ 1,320
Quiet Zone Warning signs	EA	\$ 300		2	\$ 600
				SUBTOTAL	\$ 362,800
Sales Tax	8.4%				\$ 30,480
				SUBTOTAL	\$ 393,280
Contingencies	30.0%				\$ 117,990
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 512,000

Assumptions:

- 1 Estimate in 2007 dollars

Boulevard Park Ped. Xing (Ped gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 18,490	1	\$ 18,490
	Additional gates and signals	EA	\$ 107,000	2	\$ 214,000
	Add'l Quiet Zone Indicators	EA	\$ 7,500	2	\$ 15,000
	Quiet Zone Warning signs	EA	\$ 300	4	\$ 1,200
	Guardrail	LF	\$ 23	38	\$ 880
				SUBTOTAL	\$ 249,570
	Sales Tax	8.4%			\$ 20,970
				SUBTOTAL	\$ 270,540
	Contingencies	30.0%			\$ 81,170
ncies	Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 352,000

Assumptions:

- 1 Estimate in 2007 dollars

Harris 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	\$ 33,530	1	\$ 33,530
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Additional gate	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
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Extend Curb and Gutter	LF	\$ 22	110	\$ 2,420
			SUBTOTAL	\$ 452,550
Sales Tax	8.4%			\$ 38,020
			SUBTOTAL	\$ 490,570
Contingencies	30.0%			\$ 147,180
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 638,000

Assumptions:

1 Estimate in 2007 dollars

Alaskan Ferry Access 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	\$ 27,590	1	\$ 27,590
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
Install Sidewalk	SY	\$ 60	16	\$ 960
Quiet Zone Warning signs	EA	\$ 300	3	\$ 900
Curb and Gutter	LF	\$ 22	65	\$ 1,430
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 373,260
Sales Tax	8.4%			\$ 31,360
			SUBTOTAL	\$ 404,620
Contingencies	30.0%			\$ 121,390
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 527,000

Assumptions:

1 Estimate in 2007 dollars

Private "Port" Crossing (Quiet Zone signs) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 150	1	\$ 150
	Quiet Zone Warning signs, Stop signs and X-bucks	EA	\$ 300	6	\$ 1,800
				SUBTOTAL	\$ 1,950
	Sales Tax	8.4%			\$ 170
				SUBTOTAL	\$ 2,120
	Contingencies	30.0%			\$ 640
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 3,000

Assumptions:

- 1 Estimate in 2007 dollars

Bayview Drive (Four-Quad Gates) - Conceptual Cost Estimate

	UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation				
Mobilization 8% of Quiet Zone Construction	LS	\$ 26,880	1	\$ 26,880
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
Curb and Gutter	LF	\$ 22	60	\$ 1,320
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
			SUBTOTAL	\$ 362,800
Sales Tax	8.4%			\$ 30,480
			SUBTOTAL	\$ 393,280
Contingencies	30.0%			\$ 117,990
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 512,000

Assumptions:

- 1 Estimate in 2007 dollars

Boulevard Park Ped. Xing (Ped gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 50	1	\$ 50
	Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
				SUBTOTAL	\$ 650
	Sales Tax	8.4%			\$ 60
				SUBTOTAL	\$ 710
	Contingencies	30.0%			\$ 220
	Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 1,000

Assumptions:

- 1 Estimate in 2007 dollars

Harris 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	\$ 33,530	1	\$ 33,530
Additional gates and signals	EA	\$ 67,250	4	\$ 269,000
Additional gate	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
Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
Extend Curb and Gutter	LF	\$ 22	110	\$ 2,420
			SUBTOTAL	\$ 452,550
Sales Tax	8.4%			\$ 38,020
			SUBTOTAL	\$ 490,570
Contingencies	30.0%			\$ 147,180
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 638,000

Assumptions:

1 Estimate in 2007 dollars

Alaskan Ferry Access 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	\$ 27,590	1	\$ 27,590
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
Install Sidewalk	SY	\$ 60	16	\$ 960
Quiet Zone Warning signs	EA	\$ 300	3	\$ 900
Curb and Gutter	LF	\$ 22	65	\$ 1,430
Guardrail	LF	\$ 23	38	\$ 880
			SUBTOTAL	\$ 373,260
Sales Tax	8.4%			\$ 31,360
			SUBTOTAL	\$ 404,620
Contingencies	30.0%			\$ 121,390
Total Conceptual Cost Estimate (rounded to nearest \$1000)				\$ 527,000

Assumptions:

1 Estimate in 2007 dollars

Private "Port" Crossing (Quiet Zone signs) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 150	1	\$ 150
	Quiet Zone Warning signs, Stop signs and X-bucks	EA	\$ 300	6	\$ 1,800
				SUBTOTAL	\$ 1,950
Sales Tax		8.4%			\$ 170
				SUBTOTAL	\$ 2,120
Contingencies		30.0%			\$ 640
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 3,000

Assumptions:

1 Estimate in 2007 dollars

Bayview Drive (Wayside Horns) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
Mobilization 8% of Quiet Zone Construction	LS	\$ 6,000		1	\$ 6,000
Wayside Horns	EA	\$ 60,000		1	\$ 60,000
Add'l Quiet Zone Indicators	EA	\$ 7,500		2	\$ 15,000
				SUBTOTAL	\$ 81,000
Sales Tax	8.4%				\$ 6,810
				SUBTOTAL	\$ 87,810
Contingencies	30.0%				\$ 26,350
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 114,000

Assumptions:

- 1 Estimate in 2007 dollars

Boulevard Park Ped. Xing (Ped gates) - Conceptual Cost Estimate					
		UNITS	UNIT COST	QUANTITY	TOTAL
Quiet Zone Crossing Signal Equipment Installation					
	Mobilization 8% of Quiet Zone Construction	LS	\$ 50	1	\$ 50
	Quiet Zone Warning signs	EA	\$ 300	2	\$ 600
				SUBTOTAL	\$ 650
	Sales Tax	8.4%			\$ 60
				SUBTOTAL	\$ 710
	Contingencies	30.0%			\$ 220
Total Conceptual Cost Estimate (rounded to nearest \$1000)					\$ 1,000

Assumptions:

- 1 Estimate in 2007 dollars