

Appendix C

Initial Estimate of Probable Construction Costs

Recommendation #1: Restriping and Asphalt Sidewalk

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk with Granite Curb		LF	\$90	\$0
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	390	LF	\$30	\$11,700
Pavement Excavation	15	CY	\$25	\$375
Common Excavation	45	CY	\$12	\$540
Topsoil	60	CY	\$32	\$1,920
Basecourse		CY	\$30	\$0
Bituminous Asphalt	345	SY	\$60	\$20,700
Restriping	1370	LF	\$0.40	\$548
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree	15	Each	\$250	\$3,750
Sub Total				\$39,533
Engineering				\$5,930
Municipal Project Manager				\$1,977
Contingency				\$5,930
Total (in 2010 Dollars)				\$53,370

Recommendation #2: New Sidewalk on the East Side

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk	600	LF	\$90	\$54,000
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	560	LF	\$30	\$16,800
Pavement Excavation		CY	\$25	\$0
Common Excavation	350	CY	\$12	\$4,200
Topsoil		CY	\$32	\$0
Basecourse	306	CY	\$30	\$9,180
Bituminous Asphalt	525	SY	\$60	\$31,500
Restriping	1370	LF	\$0.40	\$548
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall	450	CF	\$20	\$9,000
Stone Retaining Wall	200	SF	\$35	\$7,000
Street Tree	4	Each	\$250	\$1,000
Sub Total				\$133,228
Engineering 15%				\$19,984
Municipal Project Manager 5%				\$6,661
Contingency 15%				\$19,984
Total (in 2010 Dollars)				\$179,858

 Recommendation #3: Railroad to Railroad Street

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk with Granite Curb		LF	\$90	\$0
New 7-foot Wide Sidewalk	95	LF	\$125	\$11,875
New Granite Curb	95	LF	\$30	\$2,850
Pavement Excavation		CY	\$25	\$0
Common Excavation		CY	\$12	\$0
Topsoil		CY	\$32	\$0
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping		LF	\$0.40	\$0
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$14,725
Engineering				\$2,209
Municipal Project Manager				\$736
Contingency				\$2,209
Total (in 2010 Dollars)				\$19,879

Recommendation #5: Esplanade
Street Sidewalk

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk	730	LF	\$90	\$65,700
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb		LF	\$30	\$0
Pavement Excavation		CY	\$25	\$0
Common Excavation		CY	\$12	\$0
Topsoil		CY	\$32	\$0
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping		LF	\$0.40	\$0
Crosswalk	26	LF	\$20	\$520
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$66,220
Engineering				\$9,933
Municipal Project Manager				\$3,311
Contingency				\$9,933
Total (in 2010 Dollars)				\$89,397

Recommendation #6: Rasied Sidewalk at Volunteers Green

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk	40	LF	\$180	\$7,200
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb		LF	\$30	\$0
Pavement Excavation		CY	\$25	\$0
Common Excavation		CY	\$12	\$0
Topsoil		CY	\$32	\$0
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping		LF	\$0.40	\$0
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$7,200
Engineering				\$1,080
Municipal Project Manager				\$360
Contingency				\$1,080
Total (in 2010 Dollars)				\$9,720

Recommendation #7: South Bridge Street
Restriping

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk		LF	\$90	\$0
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb		LF	\$30	\$0
Pavement Excavation		CY	\$25	\$0
Common Excavation		CY	\$12	\$0
Topsoil		CY	\$32	\$0
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping	4000	LF	\$0.40	\$1,600
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$1,600
Engineering				\$0
Municipal Project Manager				\$0
Contingency				\$0
Total (in 2010 Dollars)				\$1,600

Recommendations #8 & 9: Widening
South Bridge Street

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk		LF	\$90	\$0
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	1010	LF	\$30	\$30,300
Pavement Excavation	45	CY	\$25	\$1,125
Common Excavation	325	CY	\$12	\$3,900
Topsoil	220	CY	\$32	\$7,040
Basecourse	120	CY	\$30	\$3,600
Bituminous Asphalt	315	SY	\$60	\$18,900
Restriping	4000	LF	\$0.40	\$1,600
Crosswalk	60	LF	\$20	\$1,200
Cold Planing	3275	SY	\$2	\$6,550
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$25	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$74,215
Engineering 15%				\$11,132
Municipal Project Manager 5%				\$3,711
Contingency 15%				\$11,132
Total (in 2010 Dollars)				\$100,190

New storm inlet and connection to existing storm drains not included.

Recommendations #10, 11, & 12: Reducing Intersection Speeds

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk		LF	\$90	\$0
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	92	LF	\$30	\$2,760
Pavement Excavation	13	CY	\$25	\$325
Common Excavation	70	CY	\$12	\$840
Topsoil	100	CY	\$32	\$3,200
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping		LF	\$0.40	\$0
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree	12	Each	\$250	\$3,000
Sub Total				\$10,125
Engineering 15%				\$1,519
Municipal Project Manager 5%				\$506
Contingency 15%				\$1,519
Total (in 2010 Dollars)				\$13,669

Recommendations#13: Huntington Restriping and North Sidewalk

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk	70	LF	\$90	\$6,300
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	145	LF	\$30	\$4,350
Pavement Excavation	5	CY	\$25	\$125
Common Excavation		CY	\$12	\$0
Topsoil	15	CY	\$32	\$480
Basecourse		CY	\$30	\$0
Bituminous Asphalt		SY	\$60	\$0
Restriping	1600	LF	\$0.40	\$640
Crosswalk		LF	\$20	\$0
Cold Planing		SY	\$2	\$0
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$35	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$11,895
Engineering 15%				\$1,784
Municipal Project Manager 5%				\$595
Contingency 15%				\$1,784
Total (in 2010 Dollars)				\$16,058

Recommendations#14: Huntington Road Widening and South Sidewalk

Item	Quantity	Units	Unit Cost	Total
New 5-foot Wide Sidewalk	165	LF	\$90	\$14,850
New 7-foot Wide Sidewalk		LF	\$125	\$0
New Granite Curb	165	LF	\$30	\$4,950
Pavement Excavation	12	CY	\$25	\$300
Common Excavation	70	CY	\$12	\$840
Topsoil		CY	\$32	\$0
Basecourse	80	CY	\$30	\$2,400
Bituminous Asphalt	118	SY	\$60	\$7,080
Restriping	1590	LF	\$0.40	\$636
Crosswalk		LF	\$20	\$0
Cold Planing	1470	SY	\$2	\$2,940
Concrete Retaining Wall		CF	\$20	\$0
Stone Retaining Wall		SF	\$25	\$0
Street Tree		Each	\$250	\$0
Sub Total				\$33,996
Engineering 15%				\$5,099
Municipal Project Manager 5%				\$1,700
Contingency 15%				\$5,099
Total (in 2010 Dollars)				\$45,895



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