

APPENDIX D
COST ESTIMATES

State Street

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: State St: South St to Narragansett St							
Length:			800	meters	both sides of street		
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Concrete sidewalks, reinforced	608.07	sq. meters	304	\$29	\$ 8,816	For 200 meters, in commercial district	Public (CDBG/Enhancements); Private as part of redev.
Replace asphalt sidewalks	608.45	sq. meters	912	\$15	\$ 13,762	For 600 meters, outside commercial	Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	800	\$ 50.00	\$ 40,000		Public (CDBG/Enhancements); Private as part of redev.
Lighting:		ea	35	\$ 3,800.00	\$ 133,000	Lighting to Maple St	Public (CDBG/Enhancements); Private as part of redev.
Excavate for lighting conduit	203.21						
Excavate for lighting base	203.21						
Install conduit	626.22						
Mounting pole							
Luminaire							
Junction boxes							
Street trees	621.27	ea	67	\$350	\$ 23,450	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	1216	\$ 10.00	\$ 12,160		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks		ea	0	\$ 2,100.00	0		Public (CDBG/Enhancements)
Excavate bituminous roadway							
Install concrete crosswalk (154mm)							
Bumpouts (each side of street individ.)		ea	0	\$ 2,500.00	0		Public (CDBG/Enhancements)
Street Furniture							
Benches		ea	0	\$ 750.00	0		Public (CDBG/Enhancements); Private as part of redev., fund
Trash Receptacles		ea	0	\$ 350.00	0		raising for amenities
Banners		ea	6	\$ 280.00	\$ 1,680	in commercial district	Private
Bollards		ea	0	\$ 400.00	0		
				Subtotal:	\$ 224,052		
Drainage contingency				30%	\$ 12,000		
General Contingency				30%	\$ 67,216		
				Total:	\$ 303,268		

School Street

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: School St: Main to Church St			Length	244	meters	(both sides of street)	
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Concrete sidewalks, reinforced	608.07	m^2	371	\$ 29.00	\$ 10,756		Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	m	244	\$ 50.00	\$ 12,200		Public (CDBG/Enhancements); Private as part of redev.
Lighting (including):		ea	10	\$ 3,800.00	\$ 38,000	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Excavate for lighting conduit		m					
Excavate for lighting base		ea					
Install conduit		m					
Mounting pole		ea					
Luminaire		ea					
Junction boxes		ea					
Street trees	621.273	ea	20	\$350	\$ 7,000	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Reseed esplanade		m^2	488	\$ 10.00	\$ 4,880		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks		ea	1	\$ 2,100.00	\$ 2,100	College Ave	Public (CDBG/Enhancements)
Excavate bituminous roadway	202.202	m^2					
Install concrete crosswalk (154mm)	420.32	m^2					
Bumpouts (each side of street individ.)		ea	2	\$ 2,500.00	\$ 5,000	College Ave	Public (CDBG/Enhancements)
Street Furniture							
Benches		ea	2	\$ 750.00	\$ 1,500		Public (CDBG/Enhancements); Private as part of redev., fund
Trash Receptacles		ea	2	\$ 350.00	\$ 700		raising for amenities
Banners		ea	4	\$ 280.00	\$ 1,120		Private
Bollards		ea	12	\$ 400.00	\$ 4,800	at all crossings	Public (CDBG/Enhancements); Private fundraising
				Subtotal:	\$ 83,256		
Drainage contingency				30%	\$ 3,660		
General Contingency				30%	\$ 24,977		
					\$ 111,892		

New Portland-South

Gorham Main Street Master Plan						
Cost Estimates: 4/18/98						
Segment: Main Street: New Portland Rd to South St						
Length:			854	meters	(both sides of street)	
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Potential Source
Concrete sidewalks, reinforced	608.07	sq. meters	1298	\$ 29	\$37,644	5' wide Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	734	\$ 50	\$36,683	(minus 120m for Rite Aid) Public (CDBG/Enhancements); Private as part of redev.
Lighting (includes):		ea	36	\$ 3,800	\$136,800	23 meters on center Public (CDBG/Enhancements); Private as part of redev.
Street trees	621.273	ea	72	\$ 350	\$25,200	12 meters on center Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	1708	\$ 10	\$17,080	Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks			13	\$ 2,100	\$27,300	Gorham Sq./New Pld Rd/P.O./Elm Public (CDBG/Enhancements)
Bumpouts (each side of street individ.)		ea	7	\$ 2,500	\$17,500	Inc. Gorham Sq. Public (CDBG/Enhancements)
Street Furniture						
Benches		ea	10	\$ 750	\$7,500	Public (CDBG/Enhancements); Private as part of redev., fund
Trash Receptacles		ea	5	\$ 350	\$1,750	raising for amenities
Banners		ea	18	\$ 280	\$5,040	each light post Private
Bollards		ea	78	\$ 400	\$31,200	at all crossings Public (CDBG/Enhancements); Private fundraising
Gateway Landscaping		ea	2	\$1,500	\$3,000	Public (CDBG/Enhancements); Private fundraising
				Subtotal:	\$346,697	
Drainage contingency				100%	\$81,483	Of pavement items only
General Contingency				30%	\$104,009	Of total (non-contingency items)
				Total:	\$532,189	

Railroad Ave

Gorham Main Street Master Plan							
Cost Estimates:	4/30/98						
Segment: Railroad Ave							
			Length:	396	meters	(both sides of street)	
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Concrete sidewalks, reinforced	608.07	sq. meters	602	\$29	\$17,471	both sides of street	Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	396	\$50	\$19,817	both sides of street	Public (CDBG/Enhancements); Private as part of redev.
Lighting (includes):			17	\$3,800	\$64,600	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Street Trees	621.273	ea	33	\$350	\$11,550	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	792	\$10	\$7,920		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks (includes):		ea	0	\$2,100	\$0		Public (CDBG/Enhancements)
Excavate bituminous roadway							
Install concrete crosswalk (154mm)							
Bumpouts (each side of street individ.)		ea	0	\$2,500	\$0		Public (CDBG/Enhancements)
Street Furniture							Public (CDBG/Enhancements); Private as part of redev., fund raising for amenities
Benches		ea	4	\$750	\$3,000		
Trash Receptacles		ea	2	\$350	\$700		
Banners		ea	0	\$280	\$0		Private
Bollards		ea	0	\$400	\$0		Public (CDBG/Enhancements); Private fundraising
				Subtotal:	\$125,058		
Drainage Contingency				100%	\$19,817		
General Contingency				30%	\$37,517		
				Total:	\$182,392		

South--Main to Preble

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: South St: Main to Green St			Length:	305	meters		
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Concrete sidewalks, reinforced	608.07	sq. meters	464	\$ 29.00	\$ 13,444		Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	305	\$ 50.00	\$ 15,250		Public (CDBG/Enhancements); Private as part of redev.
Lighting (includes):		ea	13	\$ 3,800.00	\$ 49,400	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Street trees	621.273	ea	26	\$350	\$ 9,100	12 meters on center, Robie side only	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	305	\$ 10.00	\$ 3,049	Robie side only	Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks			1	\$ 2,100.00	\$ 2,100	154 mm thickness, Preble/Green	Public (CDBG/Enhancements); Private as part of redev.
Bumpouts (each side of street individ.)		ea	2	\$ 2,500.00	\$ 5,000		Public (CDBG/Enhancements); Private as part of redev.
Street Furniture							
Benches		ea	0	\$ 750.00	0	Part of Parks and Plazas	
Trash Receptacles		ea	0	\$ 350.00	0	Part of Parks and Plazas	
Banners		ea	6	\$ 280.00	\$ 1,680	every other light post	Private
Bollards		ea	12	\$ 400.00	\$ 4,800	at all permanent crossings	Public (CDBG/Enhancements); Private fundraising
				Subtotal	\$ 97,343		
Drainage contingency				100%	\$ 20,250	Bumpouts and curbing costs	
General Contingency				30%	\$ 29,203		
				Total:	\$ 146,796		

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: South St: Green St to Lincoln St			Length:	396	meters		
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Replace asphalt sidewalks	608.45	m^2	602	\$15	\$ 9,091		Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	m	396	\$50	\$ 19,817		Public (CDBG/Enhancements); Private as part of redev.
Lighting (includes below):		ea	18	\$3,800	\$ 68,400	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Street trees	621.273	ea	33	\$350	\$ 11,550	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		m^2	792	\$10	\$ 7,920		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks		ea	1	\$2,100	\$ 2,100	Library	Public (CDBG/Enhancements)
Bumpouts (each side of street individ.)		ea	2	\$2,500	\$ 5,000	Library	
Street Furniture							
Benches		ea	4	\$750	\$ 750	30 meters	Public (CDBG/Enhancements); Private as part of redev., fund
Trash Receptacles		ea	2	\$350	\$ 700	60 meters	raising for amenities
Banners		ea	0	\$280	0	each light post	
Bollards		ea	12	\$400	4,800	at all crossings	Public (CDBG/Enhancements); Private fundraising
				Subtotal	\$ 125,328		
Drainage contingency				30%	\$5,945		
General Contingency				30%	\$ 37,598		
				Total:	\$ 168,871		

Water-Elm

Gorham Main Street Master Plan							
Cost Estimates:	4/30/98						
Segment: Railroad Ave	Water Street (Main to Church) and Elm St						
			Length:	610	meters	(both sides of street)	
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Install asphalt sidewalks							
Elm Street	608.45	sq. meter	198	\$15	\$2,990	east side only	Public (CDBG/Enhancements); Private as part of redev.
Water Street	608.45	sq. meter	213	\$15	\$3,220	both sides of street	Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	610	\$50	\$30,488	both sides of street	Public (CDBG/Enhancements); Private as part of redev.
				Subtotal:	\$ 36,699		
General Contingency				30%	\$ 11,010		
Drainage contingency				100%	\$ 30,488		
				Total:	\$ 78,196		

Mechanic Street

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: Mechanic Street							
			Length:	366	meters	(both sides of street)	
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Concrete sidewalks, reinforced	608.07	sq. meters	556	\$29	\$ 16,127		Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	366	\$50	\$ 18,293		Public (CDBG/Enhancements); Private as part of redev.
Lighting (includes below):			16	\$3,800	\$ 60,800	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Street trees	621.27	ea	30	\$350	\$ 10,500	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	732	\$10	\$ 7,320		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks			0	\$2,100	0		Public (CDBG/Enhancements)
Excavate bituminous roadway		sq. meters					
Install concrete crosswalk (154mm)		sq. meters					
Bumpouts (each side of street individ.)		ea	0	\$2,500	0		Public (CDBG/Enhancements)
Street Furniture							
Benches		ea	2	\$750	\$ 1,500		Public (CDBG/Enhancements); Private as part of redev., fund raising for amenities
Trash Receptacles		ea	2	\$350	\$ 700		
Banners		ea	0	\$280	0		
Bollards		ea	0	\$400	0		
				Subtotal:	\$ 115,240		
Drainage Contingency				30%	\$5,488		
General Contingency				30%	\$ 34,572		
				Total:	\$ 155,299		

Preble St

Gorham Main Street Master Plan							
Cost Estimates: 4/18/98							
Segment: Preble Street			Length:	439	meters		
Item	MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Bituminous sidewalks, reinforced	608.45	sq. meters	334	\$ 15	\$ 5,035	Asphalt, 5' wide	Public (CDBG/Enhancements); Private as part of redev.
Granite curbing	609.34	meters	439	\$ 50	\$ 21,950		Public (CDBG/Enhancements); Private as part of redev.
Lighting:		ea	19	\$ 3,800	\$ 72,200	23 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Street trees	621.273	ea	36	\$ 350	\$ 12,600	12 meters on center	Public (CDBG/Enhancements); Private as part of redev.
Loam and Seed Esplanade		sq. meters	878	\$ 10	\$ 8,780		Public (CDBG/Enhancements); Private as part of redev.
Permanent Crosswalks		ea	0	\$ 2,100	\$0		Public (CDBG/Enhancements)
Bumpouts (each side of street individ.)		ea	0	\$ 2,500	\$0		Public (CDBG/Enhancements)
Street Furniture							
Benches		ea	0	\$ 750	\$0		
Trash Receptacles		ea	0	\$ 350	\$0		
Banners		ea	0	\$ 280	\$0		
Bollards		ea	0	\$ 400	\$0		
				Subtotal:	\$ 120,565		
General Contingency				30%	\$ 36,169	Curbing only	
Drainage contingency				100%	\$ 21,950		
				Total:	\$ 178,684		

Miscellaneous

Gorham Main Street Master Plan								
Cost Estimates: 4/18/98								
Item		MDOT Ref #	Units	Quantity	Unit Price	Total	Notes	Potential Source
Village Center Gateways								
	Main Street @ Municipal Complex		ea	1	\$ 4,500	\$ 4,500	includes sign, landscaping at each	MDOT Gateway grant; private fundraising
	Narragansett Street		ea	1	\$ 4,500	\$ 4,500		MDOT Gateway grant; private fundraising
	School Street		ea	1	\$ 4,500	\$ 4,500		MDOT Gateway grant; private fundraising
	South Street		ea	1	\$ 4,500	\$ 4,500		MDOT Gateway grant; private fundraising
Separated Interparcel Pedestrian Connections								
			sq. meter	417	\$ 15	\$ 6,255	School to Village Mall	Public - private
Parks/Plazas								
	Robie Community Center					\$ 30,000		Private: Fundraising
	Amato's Plaza					\$ 4,000		Private: Fundraising
	Post Office					\$ 30,000		Private: Fundraising
	Shop n Save					\$ 30,000		Private: Fundraising
	Mechanic Street					\$ 30,000		Private: Fundraising
Subtotal:								
						\$ 148,255		