

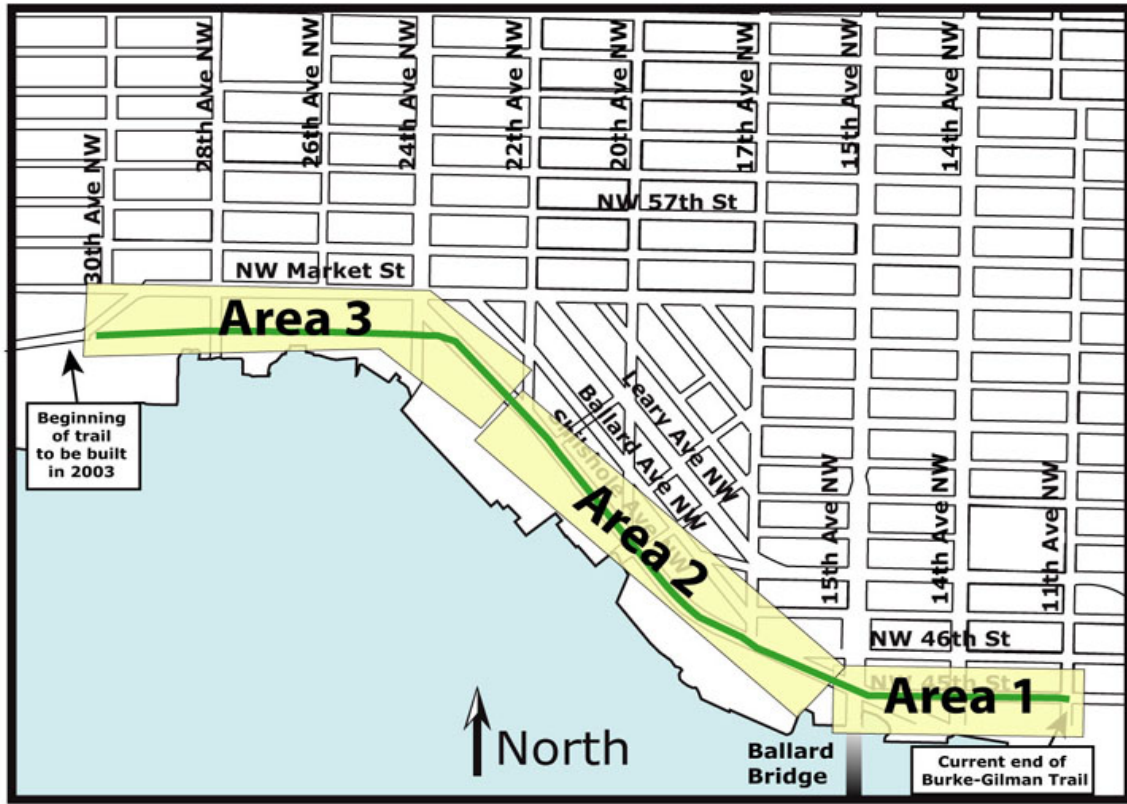
Appendix B1

Green Alternative Cost Estimates

Green Alternative Cost Estimates

	Green										
	Area 1					Area 2				Area 3	
	Option 1	Option 2	Option 3	Option 4	Option 5	Option 1	Option 2	Option 3	Option 4	Option 1	Option 2
Site Preparation	\$ 183,000	\$ 174,000	\$ 170,000	\$ 156,000	\$ 156,000	\$ 72,000	\$ 72,000	\$ 77,000	\$ 53,000	\$ 103,000	\$ 144,660
Paving	\$ 435,000	\$ 443,000	\$ 366,000	\$ 455,000	\$ 373,000	\$ 396,000	\$ 373,000	\$ 298,000	\$ 216,000	\$ 151,000	\$ 182,004
Drainage	\$ 1,070,000	\$ 1,070,000	\$ 1,070,000	\$ 1,070,000	\$ 1,070,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 80,000	\$ 690,000	\$ 690,000
Traffic Control	\$ 10,000	\$ 11,000	\$ 11,000	\$ 13,000	\$ 11,000	\$ 13,000	\$ 15,000	\$ 25,000	\$ 25,000	\$ 10,000	\$ 15,000
Street Lighting	\$ 21,000	\$ 23,000	\$ 23,000	\$ 23,000	\$ 23,000	\$ 25,000	\$ 25,000	\$ 25,000	25000	\$ 10,000	\$ 15,000
Utility Adjustments	\$ 10,000	\$ 11,000	\$ 10,000	\$ 10,000	\$ 10,000	\$ 7,000	\$ 7,000	\$ 22,000	12000	\$ 2,000	\$ 2,000
Hydrant reset/relocate	\$ 8,000	\$ 7,500	\$ 8,000	\$ 8,000	\$ 8,000	\$ 11,000	\$ 11,000	\$ 3,000	\$ 3,000	\$ -	\$ -
Landscaping	\$ 25,000	\$ 51,000	\$ 41,000	\$ 38,000	\$ 39,000	\$ 22,000	\$ 22,000	\$ 18,000	\$ 10,000	\$ 37,000	\$ 30,000
Rail Crossing	\$ 231,000	\$ 224,500	\$ 106,000	\$ 99,000	\$ 99,000	\$ -	\$ -	\$ 27,000	\$ -	\$ 60,000	\$ 60,000
Fence	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 35,000	\$ 35,000
Signal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 125,000	\$ 125,000	\$ 125,000	\$ 125,000	\$ -	\$ -
Speed Bump	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Remove Traffic Circle	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic Circle	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Biker Warning System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 50,000	\$ 50,000	\$ -	\$ -
Build Loading Dock	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ -	\$ -
Move Railroad Tracks	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 200,000	\$ -	\$ -
Retaining Wall	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ 20,000
Pole Relocations	\$ 250,000	\$ 250,000	\$ 105,000	\$ 250,000	\$ 120,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ 150,000	\$ -	\$ -
Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 2,243,000	\$ 2,265,000	\$ 1,910,000	\$ 2,122,000	\$ 1,909,000	\$ 901,000	\$ 880,000	\$ 900,000	\$ 1,099,000	\$ 1,118,000	\$ 1,193,664
10% for mobilization	\$ 224,300	\$ 226,500	\$ 191,000	\$ 212,200	\$ 190,900	\$ 90,100	\$ 88,000	\$ 90,000	\$ 109,900	\$ 111,800	\$ 119,366
25% contingency	\$ 616,825	\$ 622,875	\$ 525,250	\$ 583,550	\$ 524,975	\$ 247,775	\$ 242,000	\$ 247,500	\$ 302,225	\$ 307,450	\$ 328,258
Total contract amount	\$ 3,084,125	\$ 3,114,375	\$ 2,626,250	\$ 2,917,750	\$ 2,624,875	\$ 1,238,875	\$ 1,210,000	\$ 1,237,500	\$ 1,511,125	\$ 1,537,250	\$ 1,641,288
25% for design	\$ 771,031	\$ 778,594	\$ 656,563	\$ 729,438	\$ 656,219	\$ 309,719	\$ 302,500	\$ 309,375	\$ 377,781	\$ 384,313	\$ 410,322
20% for construction management	\$ 616,825	\$ 622,875	\$ 525,250	\$ 583,550	\$ 524,975	\$ 247,775	\$ 242,000	\$ 247,500	\$ 302,225	\$ 307,450	\$ 328,258
Property Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 150,000	\$ 384,750	\$ 507,750
2001 Total Cost	\$ 4,471,981	\$ 4,515,844	\$ 3,808,063	\$ 4,230,738	\$ 3,806,069	\$ 1,796,369	\$ 1,754,500	\$ 1,794,375	\$ 2,341,131	\$ 2,613,763	\$ 2,887,618
2002 Total Cost	\$ 4,606,141	\$ 4,651,319	\$ 3,922,304	\$ 4,357,660	\$ 3,920,251	\$ 1,850,260	\$ 1,807,135	\$ 1,848,206	\$ 2,411,365	\$ 2,692,175	\$ 2,974,246
2003 Total Cost	\$ 4,744,325	\$ 4,790,859	\$ 4,039,974	\$ 4,488,389	\$ 4,037,858	\$ 1,905,768	\$ 1,861,349	\$ 1,903,652	\$ 2,483,706	\$ 2,772,941	\$ 3,063,474
2004 Total Cost	\$ 4,886,655	\$ 4,934,584	\$ 4,161,173	\$ 4,623,041	\$ 4,158,994	\$ 1,962,941	\$ 1,917,190	\$ 1,960,762	\$ 2,558,217	\$ 2,856,129	\$ 3,155,378
				Area 1 High/Low/Avg	\$ 4,934,584		Area 2 High/Low/Avg	\$ 2,558,217		Area 3	\$ 3,155,378
					\$ 4,158,994			\$ 1,917,190			\$ 2,856,129
					\$ 4,552,889			\$ 2,099,777			\$ 3,005,753

Green High Cost \$ 10,648,179
 Green Low Cost \$ 8,932,312
 Green Average Cost \$ 9,658,420

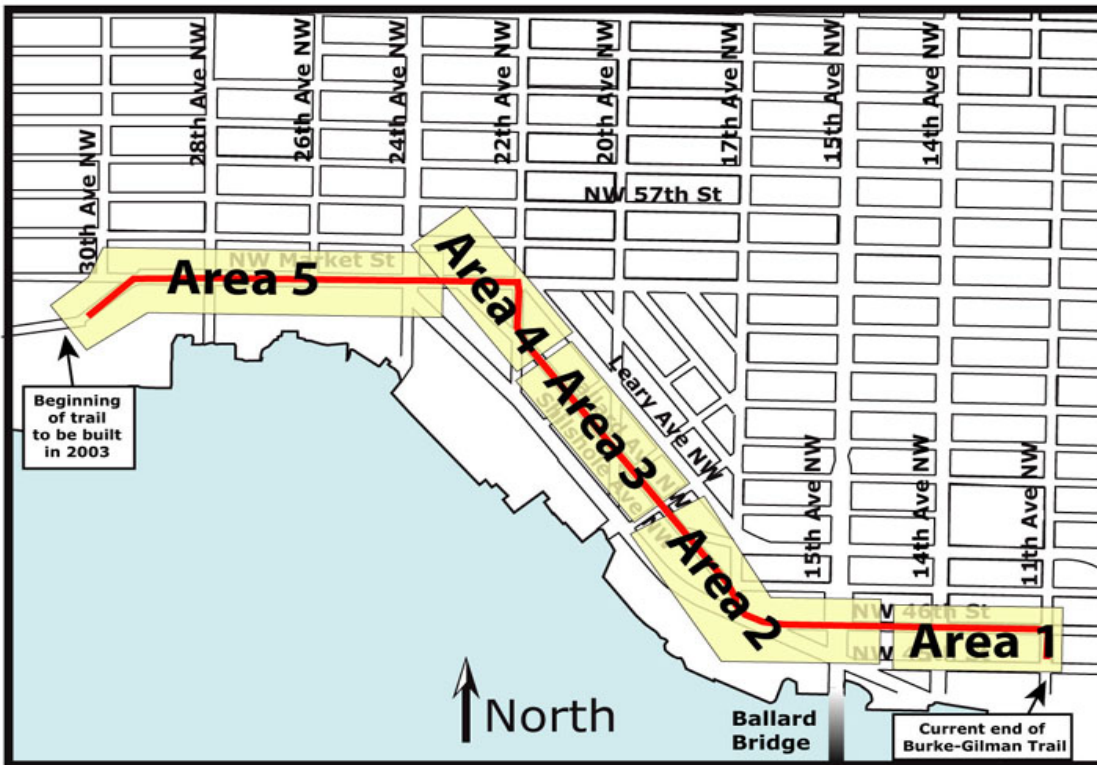


Appendix B2

Red Alternative Cost Estimates

Red Alternative Cost Estimates

	Red						
	Area 1	Area 2	Area 3	Area 4	Area 5	Area 5	Area 5
					Option 1	Option 2	Option 3
Site Preparation	\$ 67,000	\$ 76,000	\$ -	\$ -	\$ 9,000	\$ 36,000	\$ 17,000
Paving	\$ 256,000	\$ 242,000	\$ -	\$ -	\$ 15,000	\$ 110,000	\$ 28,000
Drainage	\$ 60,000	\$ 95,000	\$ -	\$ -	\$ 20,000	\$ 50,000	\$ 380,000
Traffic Control	\$ 9,000	\$ 11,000	\$ 2,000	\$ 1,000	\$ 5,000	\$ 10,000	\$ 6,000
Street Lighting	\$ 17,000	\$ 26,000	\$ -	\$ -	\$ 10,000	\$ 10,000	\$ 10,000
Utility Adjustments	\$ 8,000	\$ 9,000	\$ -	\$ -	\$ 2,000	\$ 3,000	\$ 2,000
Hydrant reset/relocate	\$ 7,000	\$ 9,000	\$ -	\$ -	\$ 2,000	\$ 5,000	\$ 2,000
Landscaping	\$ 11,000	\$ 11,000	\$ -	\$ -	\$ 2,000	\$ 16,000	\$ 2,000
Rail Crossing	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Fence	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 11,000
Signal	\$ -	\$ 75,000	\$ -	\$ -	\$ 75,000	\$ 75,000	\$ 75,000
Speed Bump	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Remove Traffic Circle	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic Circle	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Biker Warning System							
Build Loading Dock							
Move Railroad Tracks							
Retaining Wall							
Pole Relocations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 90,000	\$ -
Miscellaneous	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 15,000	\$ -
Subtotal	\$ 455,000	\$ 554,000	\$ 2,000	\$ 1,000	\$ 140,000	\$ 420,000	\$ 533,000
10% for mobilization	\$ 45,500	\$ 55,400	\$ 200	\$ 100	\$ 14,000	\$ 42,000	\$ 53,300
25% contingency	\$ 125,125	\$ 152,350	\$ 550	\$ 275	\$ 38,500	\$ 115,500	\$ 146,575
Total contract amount	\$ 625,625	\$ 761,750	\$ 2,750	\$ 1,375	\$ 192,500	\$ 577,500	\$ 732,875
25% for design	\$ 156,406	\$ 190,438	\$ 688	\$ 344	\$ 48,125	\$ 144,375	\$ 183,219
20% for construction management	\$ 125,125	\$ 152,350	\$ 550	\$ 275	\$ 38,500	\$ 115,500	\$ 146,575
Property Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2001 Total Cost	\$ 907,156	\$ 1,104,538	\$ 3,988	\$ 1,994	\$ 279,125	\$ 837,375	\$ 1,062,669
2002 Total Cost	\$ 934,371	\$ 1,137,674	\$ 4,107	\$ 2,054	\$ 287,499	\$ 862,496	\$ 1,094,549
2003 Total Cost	\$ 962,402	\$ 1,171,804	\$ 4,230	\$ 2,115	\$ 296,124	\$ 888,371	\$ 1,127,385
2004 Total Cost	\$ 991,274	\$ 1,206,958	\$ 4,357	\$ 2,179	\$ 305,007	\$ 915,022	\$ 1,161,207
Subtotal, Area 1-4				\$ 2,204,768			
Total with					Option 1	Option 2	Option 3
					\$ 2,204,768	\$ 2,204,768	\$ 2,204,768



Appendix B3
Blue Alternative Cost Estimates

Blue Alternative Cost Estimates

	Blue					Blue				
	Area 1	Area 2	Area 3	Area 4	Area 5	Area 1	Area 2	Area 3	Area 4	Area 5
	Option 1	Option 1	Option 1	Option 1	Option 1	Option 2	Option 2	Option 2	Option 2	Option 2
Site Preparation	\$ 31,000	\$ -	\$ 27,000	\$ 11,000	\$ 38,000	\$ 31,000	\$ 10,000	\$ 27,000	\$ 11,000	\$ 38,000
Paving	\$ 127,000	\$ -	\$ 103,000	\$ 46,000	\$ 93,000	\$ 127,000	\$ -	\$ 103,000	\$ 46,000	\$ 93,000
Drainage	\$ 30,000	\$ -	\$ -	\$ -	\$ 380,000	\$ 30,000	\$ -	\$ -	\$ -	\$ 380,000
Traffic Control	\$ 10,000	\$ 7,000	\$ 10,000	\$ 10,000	\$ 7,000	\$ 12,000	\$ 8,000	\$ 11,000	\$ 12,000	\$ 7,000
Street Lighting	\$ 20,000	\$ 18,000	\$ 32,000	\$ 32,000	\$ 10,000	\$ 20,000	\$ 18,000	\$ 32,000	\$ 32,000	\$ 10,000
Utility Adjustments	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,000	\$ 3,000	\$ -	\$ -	\$ -	\$ 3,000
Hydrant reset/relocate	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000	\$ 5,000	\$ -	\$ -	\$ -	\$ 5,000
Landscaping	\$ 2,000	\$ -	\$ 5,000	\$ -	\$ 15,000	\$ 2,000	\$ -	\$ 5,000	\$ -	\$ 15,000
Rail Crossing	\$ 20,000	\$ -	\$ -	\$ -	\$ -	\$ 20,000	\$ -	\$ -	\$ -	\$ -
Fence	\$ -	\$ -	\$ -	\$ -	\$ 11,000	\$ -	\$ -	\$ -	\$ -	\$ 11,000
Signal	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 75,000	\$ 50,000	\$ 50,000	\$ 50,000	\$ -	\$ 75,000
Speed Bump	\$ 20,000	\$ 40,000	\$ -	\$ -	\$ -	\$ 20,000	\$ 60,000	\$ 30,000	\$ 40,000	\$ 10,000
Remove Traffic Circle			\$ -	\$ -	\$ -			\$ -	\$ 20,000	\$ 10,000
Traffic Circle		\$ 20,000	\$ 20,000	\$ 20,000	\$ -		\$ 20,000	\$ -	\$ -	\$ -
Biker Warning System			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -
Build Loading Dock			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -
Move Railroad Tracks			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -
Retaining Wall			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -
Pole Relocations			\$ -	\$ -	\$ -			\$ -	\$ -	\$ -
Miscellaneous		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Subtotal	\$ 318,000	\$ 135,000	\$ 247,000	\$ 119,000	\$ 637,000	\$ 320,000	\$ 166,000	\$ 258,000	\$ 161,000	\$ 657,000
10% for mobilization	\$ 31,800	\$ 13,500	\$ 24,700	\$ 11,900	\$ 63,700	\$ 32,000	\$ 16,600	\$ 25,800	\$ 16,100	\$ 65,700
25% contingency	\$ 87,450	\$ 37,125	\$ 67,925	\$ 32,725	\$ 175,175	\$ 88,000	\$ 45,650	\$ 70,950	\$ 44,275	\$ 180,675
Total contract amount	\$ 437,250	\$ 185,625	\$ 339,625	\$ 163,625	\$ 875,875	\$ 440,000	\$ 228,250	\$ 354,750	\$ 221,375	\$ 903,375
25% for design	\$ 109,313	\$ 46,406	\$ 84,906	\$ 40,906	\$ 218,969	\$ 110,000	\$ 57,063	\$ 88,688	\$ 55,344	\$ 225,844
20% for construction management	\$ 87,450	\$ 37,125	\$ 67,925	\$ 32,725	\$ 175,175	\$ 88,000	\$ 45,650	\$ 70,950	\$ 44,275	\$ 180,675
Property Acquisitions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
2001 Total Cost	\$ 634,013	\$ 269,156	\$ 492,456	\$ 237,256	\$ 1,270,019	\$ 638,000	\$ 330,963	\$ 514,388	\$ 320,994	\$ 1,309,894
2002 Total Cost	\$ 653,033	\$ 277,231	\$ 507,230	\$ 244,374	\$ 1,308,119	\$ 657,140	\$ 340,891	\$ 529,819	\$ 330,624	\$ 1,349,191
2003 Total Cost	\$ 672,624	\$ 285,548	\$ 522,447	\$ 251,705	\$ 1,347,363	\$ 676,854	\$ 351,118	\$ 545,714	\$ 340,542	\$ 1,389,666
2004 Total Cost	\$ 692,803	\$ 294,114	\$ 538,120	\$ 259,256	\$ 1,387,784	\$ 697,160	\$ 361,652	\$ 562,085	\$ 350,759	\$ 1,431,356
Total Option 1						\$ 3,172,077				
Total Option 2						\$ 3,403,011				

