

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		0+015		University Avenue W.		0+255		Huron Church Road		Vista Place		Patricia Road		Sunset Avenue		California Avenue		Askin Avenue		Randolph Avenue		
	To		University Avenue W.		Huron Church Road		Huron Church Road		Vista Place		Patricia Road		Sunset Avenue		California Avenue		Askin Avenue		Randolph Avenue		Rankin Avenue		
0+000 - Nodes 1 & 2		0+070		0+070		0+295		0+415		0+515		0+623		0+723		0+831		0+951		1+046			
0+000 - Node 3		55 m		185 m		40 m		120 m		100 m		108 m		100 m		108 m		120 m		95 m			
0+000 - Traffic circle at intersection		Length		Units		Cost		Units		Cost		Units		Cost		Units		Cost		Units		Cost	
Node reconstruction																							
Road excavation, asphalt/conc removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$	110.00	/m ²	700	\$	77,000.00			710	\$	78,100.00												
Sawcutting	\$	8.00	/m	40	\$	320.00			40	\$	320.00												
Curb removal	\$	10.00	/m	55	\$	550.00			40	\$	400.00												
New curb including subdrain and granular	\$	60.00	/m	55	\$	3,300.00			40	\$	2,400.00												
Pavement markings (500mm) - 3M tape	\$	55.00	/m	55	\$	3,025.00			84	\$	4,620.00												
Pavement markings (100mm) - 3M tape	\$	11.00	/m	165	\$	1,815.00			120	\$	1,320.00												
Road widening/restoration																							
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$	60.00	/m ²		\$	-			54	\$	3,240.00			218	\$	13,080.00			218	\$	13,080.00		
Sawcutting	\$	8.00	/m		\$	-			6	\$	48.00			6	\$	48.00			6	\$	48.00		
Asphalt/conc removal	\$	8.00	/m ²		\$	-				\$	-			7	\$	57.40			7	\$	57.40		
Curb removal	\$	10.00	/m		\$	-			240	\$	2,400.00				\$	-				\$	-		
New curb including subdrain and granular	\$	60.00	/m		\$	-			240	\$	14,400.00				\$	-				\$	-		
median curb including subdrain and granular	\$	60.00	/m		\$	-				\$	-			60	\$	3,600.00			60	\$	3,600.00		
concrete median	\$	45.00	/m ²		\$	-				\$	-			35	\$	1,552.50			35	\$	1,552.50		
Overlay existing roadway																							
50mm asphalt surface layer	\$	8.00	/m ²		\$	-	1256	\$	10,064.00			912	\$	7,296.00	680	\$	5,440.00	734	\$	5,875.20	680	\$	5,440.00
Mill asphalt/concrete	\$	10.00	/m ²		\$	-	370	\$	3,700.00			1200	\$	12,000.00	200	\$	2,000.00	218	\$	2,160.00	200	\$	2,000.00
Pavement markings - 3M tape	\$	40.00	/m		\$	-	185	\$	7,400.00			120	\$	4,800.00	100	\$	4,000.00	100	\$	4,000.00	100	\$	4,000.00
Curb return	\$	2,200.00	/ea.		\$	-		\$	-				\$	-	1	\$	2,200.00	1	\$	2,200.00	1	\$	2,200.00
Road reconstruction																							
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$	56.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Curb removal	\$	10.00	/m		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
New curb including subdrain and granular	\$	60.00	/m		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Pavement markings - 3M tape	\$	40.00	/m		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
median curb including subdrain and granular	\$	60.00	/m		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
concrete median	\$	45.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Curb return	\$	7,000.00	/ea.		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Bike lane construction																							
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$	60.00	/m ²		\$	-	185	\$	11,100.00			72	\$	4,320.00	100	\$	6,000.00	100	\$	6,480.00	100	\$	6,000.00
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$	56.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
50mm asphalt surface layer	\$	8.00	/m ²		\$	-	222	\$	1,776.00			288	\$	2,304.00	120	\$	960.00	130	\$	1,036.80	120	\$	960.00
Curb removal	\$	10.00	/m		\$	-	185	\$	1,850.00			100	\$	1,000.00	100	\$	1,000.00	100	\$	1,080.00	120	\$	1,200.00
New curb including subdrain and granular	\$	60.00	/m		\$	-	185	\$	11,100.00			100	\$	6,000.00	100	\$	6,480.00	100	\$	6,480.00	120	\$	7,200.00
Sidewalk reconstruction																							
Excavation (0.2m depth)	\$	2.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Asphalt/conc removal	\$	8.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Concrete sidewalk (including 50mm granular base)	\$	45.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
New sidewalk																							
Excavation (0.2m depth), strip topsoil	\$	4.50	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Concrete sidewalk (including 50mm granular base)	\$	45.00	/m ²		\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Promenade																							
		varies	/m		\$	-	185	\$	5,550.00			120	\$	28,800.00	100	\$	24,000.00	100	\$	25,920.00	100	\$	24,000.00
Viewpoint																							
					\$	-		\$	-		\$	-		\$	30,000.00		\$	-		\$	30,000.00		\$
Traffic signals/Street lighting, incl. accessories																							
					\$	25,000.00		\$	-		\$	25,000.00		\$	-		\$	-		\$	-		\$
Traffic circle																							
					\$	-		\$	-		\$	-		\$	-		\$	-		\$	-		\$
Miscellaneous																							
Storm drainage/hydro pole relocation/hydrant relocation/contingencies		25	%		\$	27,752.50		\$	13,135.00		\$	28,040.00		\$	22,245.00		\$	13,200.00		\$	29,208.73		\$
TOTAL				\$	138,800.00	\$	65,700.00	\$	140,200.00	\$	111,200.00	\$	66,000.00	\$	146,000.00	\$	64,500.00	\$	146,000.00	\$	76,900.00	\$	138,000.00

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	From	Rankin Avenue 1+046	1+117 Ernest Atkinson Park crosswalk	Bridge Street 1+213	1+378 Campbell Avenue	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403	Campbell Avenue 1+403				
	To	Bridge Street 1+213	1+125	Campbell Avenue 1+378	25 m	108 m	96 m	91 m	84 m	25 m	216 m													
	Length	167 m	8 m	165 m	25 m	108 m	96 m	91 m	84 m	25 m	216 m													
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost		
Node reconstruction																								
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²																						
Sawcutting	\$ 8.00	/m																						
Curb removal	\$ 10.00	/m																						
New curb including subdrain and granular	\$ 60.00	/m																						
Pavement markings (500mm) - 3M tape	\$ 55.00	/m																						
Pavement markings (100mm) - 3M tape	\$ 11.00	/m																						
Road widening/restoration																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²																						
Sawcutting	\$ 8.00	/m																						
Asphalt/conc removal	\$ 8.00	/m ²																						
Curb removal	\$ 10.00	/m																						
New curb including subdrain and granular	\$ 60.00	/m																						
median curb including subdrain and granular	\$ 60.00	/m																						
concrete median	\$ 45.00	/m ²																						
Overlay existing roadway																								
50mm asphalt surface layer	\$ 8.00	/m ²	1136	\$ 9,084.80			1122	\$ 8,976.00			734	\$ 5,875.20	653	\$ 5,222.40	618	\$ 4,950.40	571	\$ 4,569.60			1426	\$ 11,404.80		
Mill asphalt/concrete	\$ 10.00	/m ²	334	\$ 3,340.00			333	\$ 3,300.00			216	\$ 2,160.00	192	\$ 1,920.00	182	\$ 1,820.00	168	\$ 1,680.00			432	\$ 4,320.00		
Pavement markings - 3M tape	\$ 40.00	/m	167	\$ 6,680.00			165	\$ 6,600.00			108	\$ 4,320.00	96	\$ 3,840.00	91	\$ 3,640.00	84	\$ 3,360.00			216	\$ 8,640.00		
Curb return	\$ 2,200.00	ea.	1	\$ 2,200.00			1	\$ 2,200.00			1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00			1	\$ 2,200.00		
Road reconstruction																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²																						
Curb removal	\$ 10.00	/m																						
New curb including subdrain and granular	\$ 60.00	/m																						
Pavement markings - 3M tape	\$ 40.00	/m																						
median curb including subdrain and granular	\$ 60.00	/m																						
concrete median	\$ 45.00	/m ²																						
Curb return	\$ 7,000.00	ea.																						
Bike lane construction																								
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²	167	\$ 10,020.00			165	\$ 9,900.00			108	\$ 6,480.00	96	\$ 5,760.00	91	\$ 5,460.00	84	\$ 5,040.00						
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²																						
50mm asphalt surface layer	\$ 8.00	/m ²	204	\$ 1,632.00			198	\$ 1,584.00			130	\$ 1,036.80	115	\$ 921.60	106	\$ 853.60	101	\$ 806.40			410	\$ 3,283.20		
Curb removal	\$ 10.00	/m	167	\$ 1,670.00			165	\$ 1,650.00			108	\$ 1,080.00	96	\$ 960.00	91	\$ 910.00	84	\$ 840.00						
New curb including subdrain and granular	\$ 60.00	/m	167	\$ 10,020.00			165	\$ 9,900.00			108	\$ 6,480.00	96	\$ 5,760.00	91	\$ 5,460.00	84	\$ 5,040.00						
Sidewalk reconstruction																								
Excavation (0.2m depth)	\$ 2.00	/m ²																						
Asphalt/conc removal	\$ 8.00	/m ²	254	\$ 2,032.00			248	\$ 1,984.00			144	\$ 1,152.00	137	\$ 1,092.00	126	\$ 1,008.00								
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²																						
New sidewalk																								
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²																						
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²																						
Promenade																								
	varies	/m	167	\$ 119,405.00			165	\$ 117,975.00			25	\$ 17,875.00	108	\$ 77,220.00	96	\$ 68,640.00	91	\$ 65,065.00	84	\$ 60,060.00	25	\$ 5,500.00	216	\$ 150,120.00
Viewpoint																								
				\$ 30,000.00				\$ 30,000.00				\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00		\$ 30,000.00
Traffic signals/Street lighting, incl. accessories																								
				\$ 25,000.00				\$ 25,000.00				\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00		\$ 25,000.00
Traffic circle																								
				\$ -				\$ -				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Miscellaneous																								
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 41,506.75			\$ 16,417.50	\$ 42,411.25			\$ 28,080.00	\$ 29,650.50	\$ 24,094.00	\$ 22,867.75	\$ 21,151.00	\$ 25,265.25	\$ 54,815.40							
TOTAL				\$ 207,500.00		\$ 82,100.00	\$ 212,100.00	\$ 140,400.00	\$ 148,300.00	\$ 120,500.00	\$ 114,300.00	\$ 105,800.00	\$ 126,300.00	\$ 274,100.00										

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		Elm Street 2+023		Oak Avenue 2+113		2+222 Crawford Avenue		Crawford Avenue 2+247		2+445 Caron Avenue		Caron Avenue 2+475		Janette Avenue 2+560		Bruce Avenue 2+660		2+828 Church Street		Church Street 2+848	
	To		Oak Avenue 2+113		Crawford Avenue 2+222		2+247		Caron Avenue 2+445		2+475		Janette Avenue 2+560		Bruce Avenue 2+660		Church Street 2+828		2+848		Ferry Street 3+036	
	Length		90 m		109 m		25 m		198 m		30 m		85 m		100 m		168 m		20 m		188 m	
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
Node reconstruction																						
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²		\$ -		\$ -	325	\$ 35,750.00		\$ -	415	\$ 45,650.00		\$ -		\$ -		\$ -	423	\$ 46,530.00		\$ -
Sawcutting	\$ 8.00	/m		\$ -		\$ -	34	\$ 272.00		\$ -	34	\$ 272.00		\$ -		\$ -		\$ -	45	\$ 360.00		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -	25	\$ 250.00		\$ -	30	\$ 300.00		\$ -		\$ -		\$ -	20	\$ 200.00		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -	25	\$ 1,500.00		\$ -	30	\$ 1,800.00		\$ -		\$ -		\$ -	20	\$ 1,200.00		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m		\$ -		\$ -	56	\$ 3,080.00		\$ -	52	\$ 2,860.00		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m		\$ -		\$ -	75	\$ 825.00		\$ -	120	\$ 1,320.00		\$ -		\$ -		\$ -	100	\$ 1,100.00		\$ -
Road widening/restoration																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²	45	\$ 2,700.00	55	\$ 3,270.00		\$ -	99	\$ 5,940.00		\$ -		\$ -		\$ -	154	\$ 9,072.00		\$ -	169	\$ 10,152.00
Sawcutting	\$ 8.00	/m	90	\$ 720.00	109	\$ 872.00		\$ -	198	\$ 1,584.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²	45	\$ 360.00	55	\$ 436.00		\$ -	99	\$ 792.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m	90	\$ 900.00	109	\$ 1,090.00		\$ -	198	\$ 1,980.00		\$ -		\$ -		\$ -	168	\$ 1,680.00		\$ -	188	\$ 1,880.00
New curb including subdrain and granular	\$ 60.00	/m	90	\$ 5,400.00	109	\$ 6,540.00		\$ -	198	\$ 11,880.00		\$ -		\$ -		\$ -	168	\$ 10,080.00		\$ -	188	\$ 11,280.00
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Overlay existing roadway																						
50mm asphalt surface layer	\$ 8.00	/m ²	594	\$ 4,752.00	719	\$ 5,755.20		\$ -	1307	\$ 10,454.40		\$ -		\$ -		\$ -	2068	\$ 16,531.20		\$ -	2312	\$ 18,499.20
Mill asphalt/concrete	\$ 10.00	/m ²	180	\$ 1,800.00	219	\$ 2,180.00		\$ -	396	\$ 3,960.00		\$ -		\$ -		\$ -	336	\$ 3,360.00		\$ -	376	\$ 3,760.00
Pavement markings - 3M tape	\$ 40.00	/m	90	\$ 3,600.00	109	\$ 4,360.00		\$ -	198	\$ 7,920.00		\$ -		\$ -		\$ -	168	\$ 6,720.00		\$ -	188	\$ 7,520.00
Curb return	\$ 2,200.00	/ea.	1	\$ 2,200.00	1	\$ 2,200.00		\$ -	1	\$ 2,200.00		\$ -		\$ -		\$ -	1	\$ 2,200.00		\$ -	1	\$ 2,200.00
Road reconstruction																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -	842	\$ 47,124.00	1320	\$ 73,920.00		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -	170	\$ 1,700.00	200	\$ 2,000.00		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -	170	\$ 10,200.00	200	\$ 12,000.00		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -	88	\$ 3,400.00	100	\$ 4,000.00		\$ -		\$ -		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb return	\$ 7,000.00	/ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	1	\$ 7,000.00		\$ -		\$ -		\$ -
Bike lane construction																						
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	202	\$ 12,096.00		\$ -	226	\$ 13,536.00
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -	204	\$ 11,424.00	240	\$ 13,440.00		\$ -		\$ -		\$ -
50mm asphalt surface layer	\$ 8.00	/m ²	171	\$ 1,368.00	207	\$ 1,656.80		\$ -	376	\$ 3,009.60		\$ -		\$ -		\$ -	202	\$ 1,612.80		\$ -	226	\$ 1,804.80
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sidewalk reconstruction																						
Excavation (0.2m depth)	\$ 2.00	/m ²	135	\$ 270.00	164	\$ 327.00		\$ -	297	\$ 594.00		\$ -	128	\$ 255.00	150	\$ 300.00		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²	108	\$ 864.00	131	\$ 1,046.40		\$ -	238	\$ 1,900.80		\$ -	102	\$ 816.00	150	\$ 1,200.00		\$ -	252	\$ 2,016.00		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²	135	\$ 6,075.00	164	\$ 7,357.50		\$ -	297	\$ 13,365.00		\$ -	128	\$ 5,737.50	150	\$ 6,750.00		\$ -		\$ -		\$ -
New sidewalk																						
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Promenade																						
	varies	/m	90	\$ 62,550.00	109	\$ 75,755.00	25	\$ 17,375.00	198	\$ 137,610.00	30	\$ 20,850.00	85	\$ 59,075.00	100	\$ 22,000.00	168	\$ 36,960.00	20	\$ 4,400.00	188	\$ 41,360.00
Viewpoint																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
				\$ -		\$ -		\$ 25,000.00		\$ -		\$ 25,000.00		\$ -		\$ -		\$ -		\$ 25,000.00		\$ -
Traffic circle																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Miscellaneous																						
Storm drainage/hydro pole relocation/hydrant relocation/contingencies		25	%	\$ 23,389.75	\$ 28,211.48	\$ 21,013.00		\$ 50,247.45		\$ 24,513.00		\$ 34,932.88		\$ 35,652.50		\$ 25,582.00		\$ 19,697.50		\$ 28,012.00		
TOTAL				\$ 116,900.00	\$ 141,100.00	\$ 105,100.00		\$ 251,200.00		\$ 122,600.00		\$ 174,700.00		\$ 178,300.00		\$ 127,900.00		\$ 98,500.00		\$ 140,100.00		

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		3+036		Ferry Street		3+160		Ouellette Avenue		3+451		Goyeau Avenue		McDougall Avenue		3+800		Glengarry Avenue		Aylmer Avenue	
	To		Ferry Street		3+065		Ouellette Avenue		3+187		Civic Terrace crosswalk		3+341		3+581		Glengarry Avenue		3+837		3+944	
	Length		29 m		95 m		27 m		154 m		8 m		240 m		219 m		37 m		107 m		126 m	
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
Node reconstruction																						
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²	54	\$ 59,510.00		\$ -	70	\$ 77,660.00		\$ -	30	\$ 3,300.00		\$ -		\$ -	830	\$ 91,300.00		\$ -		\$ -
Sawcutting	\$ 8.00	/m	45	\$ 360.00		\$ -	58	\$ 464.00		\$ -	58	\$ 464.00		\$ -		\$ -	66	\$ 528.00		\$ -		\$ -
Curb removal	\$ 10.00	/m	29	\$ 290.00		\$ -	27	\$ 270.00		\$ -	27	\$ 270.00		\$ -		\$ -	37	\$ 370.00		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m	29	\$ 1,740.00		\$ -	27	\$ 1,620.00		\$ -	27	\$ 1,620.00		\$ -		\$ -	37	\$ 2,220.00		\$ -		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m	92	\$ 5,060.00		\$ -		\$ -		\$ -	48	\$ 2,640.00		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m	145	\$ 1,595.00		\$ -	135	\$ 1,485.00		\$ -		\$ -		\$ -		\$ -	185	\$ 2,035.00		\$ -		\$ -
Road widening/restoration																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	86	\$ 5,130.00		\$ -		\$ -		\$ -	45	\$ 2,760.00	197	\$ 11,826.00		\$ -	203	\$ 12,198.00		\$ -
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -	154	\$ 1,232.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m		\$ -		\$ -		\$ -	100	\$ 800.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -	95	\$ 950.00		\$ -	154	\$ 1,540.00		\$ -	240	\$ 2,400.00	219	\$ 2,190.00		\$ -	107	\$ 1,070.00		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -	95	\$ 5,700.00		\$ -	154	\$ 9,240.00		\$ -	240	\$ 14,400.00	219	\$ 13,140.00		\$ -	107	\$ 6,420.00		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Overlay existing roadway																						
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -	116	\$ 9,348.00		\$ -	203	\$ 16,262.40		\$ -	271	\$ 21,696.00	288	\$ 23,037.60		\$ -	154	\$ 12,326.40		\$ -
Mill asphalt/concrete	\$ 10.00	/m ²		\$ -	190	\$ 1,900.00		\$ -	308	\$ 3,080.00		\$ -	480	\$ 4,800.00	438	\$ 4,380.00		\$ -	428	\$ 4,280.00		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -	95	\$ 3,800.00		\$ -	154	\$ 6,160.00		\$ -	240	\$ 9,600.00	219	\$ 8,760.00		\$ -	214	\$ 8,560.00		\$ -
Curb return	\$ 2,200.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -	1	\$ 2,200.00	1	\$ 2,200.00		\$ -		\$ -		\$ -
Road reconstruction																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	205	\$ 115,012.80
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	252	\$ 2,520.00
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	252	\$ 15,120.00
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	126	\$ 5,040.00
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb return	\$ 7,000.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	1	\$ 7,000.00
Bike lane construction																						
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	114	\$ 6,840.00		\$ -		\$ -		\$ -	288	\$ 17,280.00	263	\$ 15,768.00		\$ -	128	\$ 7,704.00		\$ -
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	302	\$ 16,934.40
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -	114	\$ 912.00		\$ -	370	\$ 2,956.80		\$ -	288	\$ 2,304.00	263	\$ 2,102.40		\$ -	128	\$ 1,027.20		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sidewalk reconstruction																						
Excavation (0.2m depth)	\$ 2.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	188	\$ 378.00
Asphalt/conc removal	\$ 8.00	/m ²		\$ -	143	\$ 1,140.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	161	\$ 1,284.00	188	\$ 1,512.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	188	\$ 8,505.00
New sidewalk																						
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Promenade																						
	varies	/m	29	\$ 6,380.00	95	\$ 20,900.00		\$ -	154	\$ 107,030.00		\$ -	240	\$ 166,800.00	219	\$ 152,205.00	37	\$ 8,140.00	107	\$ 23,540.00	126	\$ 27,720.00
Viewpoint																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
				\$ 25,000.00		\$ -		\$ 25,000.00		\$ -		\$ 25,000.00		\$ -		\$ -		\$ 25,000.00		\$ -		\$ -
Traffic circle																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Miscellaneous																						
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 24,983.75		\$ 14,155.00		\$ 26,624.75		\$ 37,075.30		\$ 8,323.50		\$ 67,210.00		\$ 58,902.25		\$ 32,398.25		\$ 19,602.40		\$ 49,935.55
TOTAL				\$ 124,900.00		\$ 70,800.00		\$ 133,100.00		\$ 185,400.00		\$ 41,600.00		\$ 336,100.00		\$ 294,500.00		\$ 162,000.00		\$ 98,000.00		\$ 249,700.00

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	From	Louis Avenue 4+070	Marentette Avenue 4+213	4+352 Parent Avenue 4+387	Parent Avenue 4+387 Langlois Avenue 4+485	Langlois Avenue 4+485 Pierre Street 4+705	4+705 Pierre Street 4+734	Pierre Street 4+734 Hall Avenue 4+819	Hall Avenue 4+819 Moy Avenue 4+913	Moy Avenue 4+913 Gladstone Avenue 5+013	Gladstone Avenue 5+013 Lincoln Road 5+101		
	To	Marentette Avenue 4+213	Parent Avenue 4+352	Parent Avenue 4+387	Langlois Avenue 4+485	Pierre Street 4+705	Pierre Street 4+734	Hall Avenue 4+819	Moy Avenue 4+913	Gladstone Avenue 5+013	Lincoln Road 5+101		
	Length	143 m	139 m	35 m	98 m	220 m	29 m	85 m	94 m	100 m	88 m		
		Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
Node reconstruction													
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00 /m ²		\$ -		\$ -	688 \$ 75,350.00		\$ -		\$ -		\$ -	
Sawcutting	\$ 8.00 /m		\$ -		\$ -	55 \$ 440.00		\$ -		\$ -		\$ -	
Curb removal	\$ 10.00 /m		\$ -		\$ -	35 \$ 350.00		\$ -		\$ -		\$ -	
New curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -	38 \$ 2,100.00		\$ -		\$ -		\$ -	
Pavement markings (500mm) - 3M tape	\$ 55.00 /m		\$ -		\$ -	64 \$ 3,520.00		\$ -		\$ -		\$ -	
Pavement markings (100mm) - 3M tape	\$ 11.00 /m		\$ -		\$ -	175 \$ 1,925.00		\$ -		\$ -		\$ -	
Road widening/restoration													
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00 /m ²		\$ -		\$ -		638 \$ 38,280.00		\$ -	247 \$ 14,790.00	273 \$ 16,356.00		\$ -
Sawcutting	\$ 8.00 /m		\$ -		\$ -		\$ -		\$ -	\$ -	\$ -		\$ -
Asphalt/conc removal	\$ 8.00 /m ²		\$ -		\$ -		\$ -		\$ -	\$ -	\$ -		\$ -
Curb removal	\$ 10.00 /m		\$ -		\$ -		220 \$ 2,200.00		85 \$ 850.00	94 \$ 940.00		\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		220 \$ 13,200.00		85 \$ 5,100.00	94 \$ 5,640.00		\$ -	\$ -
median curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
concrete median	\$ 45.00 /m ²		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
Overlay existing roadway													
50mm asphalt surface layer	\$ 8.00 /m ²		\$ -		\$ -		2266 \$ 18,128.00		876 \$ 7,004.00	968 \$ 7,745.60		\$ -	1162 \$ 9,292.80
Mill asphalt/concrete	\$ 10.00 /m ²		\$ -		\$ -		440 \$ 4,400.00		170 \$ 1,700.00	188 \$ 1,880.00		\$ -	352 \$ 3,520.00
Pavement markings - 3M tape	\$ 40.00 /m		\$ -		\$ -		220 \$ 8,800.00		85 \$ 3,400.00	94 \$ 3,760.00		\$ -	176 \$ 7,040.00
Curb return	\$ 2,200.00 /ea.		\$ -		\$ -		1 \$ 2,200.00		\$ -	1 \$ 2,200.00		\$ -	1 \$ 2,200.00
Road reconstruction													
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²	1988 \$ 111,305.60		1835 \$ 102,748.80			1294 \$ 72,441.60					1570 \$ 87,920.00	
Curb removal	\$ 10.00 /m	286 \$ 2,860.00		278 \$ 2,780.00			98 \$ 980.00					100 \$ 1,000.00	
New curb including subdrain and granular	\$ 60.00 /m	286 \$ 17,160.00		278 \$ 16,680.00			98 \$ 5,880.00					100 \$ 6,000.00	
Pavement markings - 3M tape	\$ 40.00 /m	143 \$ 5,720.00		139 \$ 5,560.00			98 \$ 3,920.00					100 \$ 4,000.00	
median curb including subdrain and granular	\$ 60.00 /m	70 \$ 4,200.00					\$ -					60 \$ 3,600.00	
concrete median	\$ 45.00 /m ²	50 \$ 2,250.00					\$ -					35 \$ 1,575.00	
Curb return	\$ 7,000.00 /ea.	1 \$ 7,000.00		1 \$ 7,000.00			\$ -					1 \$ 7,000.00	
Bike lane construction													
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00 /m ²		\$ -		\$ -		264 \$ 15,840.00		102 \$ 6,120.00	113 \$ 6,768.00		\$ -	\$ -
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²	343 \$ 19,219.20		334 \$ 18,681.60			235 \$ 13,171.20					240 \$ 13,440.00	
50mm asphalt surface layer	\$ 8.00 /m ²		\$ -		\$ -		264 \$ 2,112.00		102 \$ 816.00	113 \$ 902.40		\$ -	211 \$ 1,689.60
Curb removal	\$ 10.00 /m		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
Sidewalk reconstruction													
Excavation (0.2m depth)	\$ 2.00 /m ²	215 \$ 429.00		205 \$ 417.00			\$ -		\$ -	\$ -		\$ -	\$ -
Asphalt/conc removal	\$ 8.00 /m ²	215 \$ 1,716.00		205 \$ 1,668.00			\$ -		\$ -	\$ -		\$ -	\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	215 \$ 9,652.50		205 \$ 9,382.50			\$ -		\$ -	\$ -		\$ -	\$ -
New sidewalk													
Excavation (0.2m depth), strip topsoil	\$ 4.50 /m ²		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²		\$ -		\$ -		\$ -		\$ -	\$ -		\$ -	\$ -
Promenade													
	varies /m	143 \$ 31,460.00		139 \$ 30,580.00		35 \$ 7,700.00	98 \$ 30,870.00	220 \$ 69,300.00	29 \$ 9,135.00	85 \$ 26,775.00	94 \$ 29,610.00	100 \$ 31,500.00	88 \$ 27,720.00
Viewpoint													
		\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic signals/Street lighting, incl. accessories													
		\$ 12,000.00		\$ -		\$ 25,000.00	\$ -	\$ -	\$ 25,000.00	\$ -	\$ -	\$ 12,000.00	\$ -
Traffic circle													
		\$ -		\$ -		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous													
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25 %	\$ 56,243.08		\$ 48,874.48		\$ 29,096.25	\$ 31,815.70	\$ 43,615.00	\$ 24,717.75	\$ 16,638.75	\$ 18,950.50	\$ 42,008.75	\$ 12,865.60
TOTAL			\$ 281,200.00	\$ 244,400.00	\$ 145,500.00	\$ 159,100.00	\$ 218,100.00	\$ 123,600.00	\$ 83,200.00	\$ 94,800.00	\$ 210,000.00	\$ 64,300.00	

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		5+101 Lincoln Road		Lincoln Road 5+134		Devonshire Road 5+482		5+821 Walker Road		Walker Road 5+847		Montreuil Street 6+009		Albert Street 6+186		Drouillard Road 6+347		Cadillac Street 6+429		Bellevue Avenue 6+721	
	To		5+134		Devonshire Road 5+482		Walker Road 5+821		5+847		Montreuil Street 6+009		Albert Street 6+186		Drouillard Road 6+347		Cadillac Street 6+429		Bellevue Avenue 6+721		Pratt Place 6+814	
	Length		33 m		348 m		339 m		26 m		162 m		177 m		161 m		82 m		292 m		93 m	
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
Node reconstruction																						
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²	596	\$ 65,560.00		\$ -		\$ -	506	\$ 55,660.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sawcutting	\$ 8.00	/m	46	\$ 368.00		\$ -		\$ -	44	\$ 352.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m	33	\$ 330.00		\$ -		\$ -	52	\$ 520.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m	33	\$ 1,980.00		\$ -		\$ -	52	\$ 3,120.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m	88	\$ 4,840.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m	165	\$ 1,815.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Road widening/restoration																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	88	\$ 5,280.00		\$ -		\$ -		\$ -	75	\$ 4,500.00	36	\$ 2,160.00	15	\$ 900.00	114	\$ 6,840.00	24	\$ 1,440.00
Sawcutting	\$ 8.00	/m		\$ -	110	\$ 880.00		\$ -		\$ -		\$ -	250	\$ 2,000.00	120	\$ 960.00	50	\$ 400.00	380	\$ 3,040.00	80	\$ 640.00
Asphalt/conc removal	\$ 8.00	/m ²		\$ -	220	\$ 1,760.00		\$ -		\$ -		\$ -	388	\$ 3,108.00	111	\$ 888.00	66	\$ 518.00	574	\$ 4,588.00	148	\$ 1,184.00
Curb removal	\$ 10.00	/m		\$ -	220	\$ 2,200.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -	220	\$ 13,200.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -	250	\$ 15,000.00	120	\$ 7,200.00	50	\$ 3,000.00	380	\$ 22,800.00	80	\$ 4,800.00
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -	224	\$ 9,922.50	63	\$ 2,835.00	37	\$ 1,653.75	328	\$ 14,647.50	42	\$ 1,890.00
Overlay existing roadway																						
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Mill asphalt/concrete	\$ 10.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -	110	\$ 4,400.00		\$ -		\$ -		\$ -	50	\$ 2,000.00	100	\$ 4,000.00	50	\$ 2,000.00	100	\$ 4,000.00	60	\$ 2,400.00
Curb return	\$ 2,200.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00
Road reconstruction																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -	3538	\$ 198,144.80		\$ -	1571	\$ 87,998.40		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -	678	\$ 6,780.00		\$ -	324	\$ 3,240.00		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -	678	\$ 40,680.00		\$ -	324	\$ 19,440.00		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -	338	\$ 13,560.00		\$ -	162	\$ 6,480.00		\$ -		\$ -		\$ -		\$ -		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -	60	\$ 3,600.00		\$ -	220	\$ 13,200.00		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -	39	\$ 1,755.00		\$ -	194	\$ 8,741.25		\$ -		\$ -		\$ -		\$ -		\$ -
Curb return	\$ 7,000.00	ea.		\$ -		\$ -	1	\$ 7,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Bike lane construction																						
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	132	\$ 7,920.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -	814	\$ 45,561.60		\$ -	388	\$ 21,772.80		\$ -		\$ -		\$ -		\$ -		\$ -
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sidewalk reconstruction																						
Excavation (0.2m depth)	\$ 2.00	/m ²		\$ -	165	\$ 330.00	1017	\$ 2,034.00		\$ -	486	\$ 972.00		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²		\$ -	165	\$ 1,320.00	678	\$ 5,424.00		\$ -	324	\$ 2,592.00		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -	165	\$ 7,425.00	1017	\$ 45,765.00		\$ -	486	\$ 21,870.00		\$ -		\$ -		\$ -		\$ -		\$ -
New sidewalk																						
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -	522	\$ 2,349.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -	522	\$ 23,490.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Promenade																						
	varies	/m	33	\$ 10,395.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
				\$ 25,000.00		\$ -		\$ 12,000.00		\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic circle																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Miscellaneous																						
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 27,572.00		\$ 17,638.50		\$ 95,531.10		\$ 21,163.00		\$ 46,576.61		\$ 9,682.63		\$ 5,060.75		\$ 2,667.94		\$ 14,528.88		\$ 3,638.50
TOTAL				\$ 137,900.00		\$ 88,200.00		\$ 477,700.00		\$ 105,800.00		\$ 232,900.00		\$ 48,400.00		\$ 25,300.00		\$ 13,300.00		\$ 72,600.00		\$ 18,200.00

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		8+797		Ford Boulevard		Thompson Boulevard		Prado Road		Villaire Avenue		St. Louis Avenue		Reedmere Avenue		Esdras Avenue		Jefferson Boulevard		Patrice Street	
	To		Ford Boulevard		Thompson Boulevard		Prado Road		Villaire Avenue		St. Louis Avenue		Reedmere Avenue		Esdras Avenue		Jefferson Boulevard		Patrice Street		St. Rose Street	
	Length		30 m		100 m		85 m		74 m		91 m		110 m		101 m		188 m		126 m		704 m	
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost
Node reconstruction																						
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²	343	\$ 37,730.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sawcutting	\$ 8.00	/m	36	\$ 240.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m	60	\$ 600.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m	60	\$ 3,600.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m	46	\$ 2,530.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m	90	\$ 990.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Road widening/restoration																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -	100	\$ 1,000.00	85	\$ 850.00	74	\$ 740.00	91	\$ 910.00	110	\$ 1,100.00	101	\$ 1,010.00		\$ -	252	\$ 2,520.00	1406	\$ 14,080.00
New curb including subdrain and granular	\$ 60.00	/m		\$ -	200	\$ 12,000.00	170	\$ 10,200.00	148	\$ 8,880.00	182	\$ 10,920.00	220	\$ 13,200.00	202	\$ 12,120.00	376	\$ 22,560.00	252	\$ 15,120.00	1406	\$ 84,480.00
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Overlay existing roadway																						
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -	660	\$ 5,280.00	560	\$ 4,480.00	480	\$ 3,907.20	600	\$ 4,804.80	720	\$ 5,808.00	660	\$ 5,332.80	1240	\$ 9,926.40	832	\$ 6,652.80	4640	\$ 37,171.20
Mill asphalt/concrete	\$ 10.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -	100	\$ 4,000.00	85	\$ 3,400.00	74	\$ 2,960.00	91	\$ 3,640.00	110	\$ 4,400.00	101	\$ 4,040.00	188	\$ 7,520.00	126	\$ 5,040.00	704	\$ 28,160.00
Curb return	\$ 2,200.00	ea.		\$ -		\$ -		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00		\$ 2,200.00
Road reconstruction																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb return	\$ 7,000.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Bike lane construction																						
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	240	\$ 14,400.00	204	\$ 12,240.00	178	\$ 10,656.00	216	\$ 13,104.00	264	\$ 15,840.00	242	\$ 14,544.00	450	\$ 27,072.00	302	\$ 18,144.00	1690	\$ 101,376.00
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sidewalk reconstruction																						
Excavation (0.2m depth)	\$ 2.00	/m ²		\$ -	150	\$ 300.00	128	\$ 256.00	111	\$ 222.00	137	\$ 273.00	165	\$ 330.00	152	\$ 303.00	282	\$ 564.00	188	\$ 378.00	1056	\$ 2,112.00
Asphalt/conc removal	\$ 8.00	/m ²		\$ -	100	\$ 800.00	85	\$ 680.00	74	\$ 592.00	91	\$ 728.00	110	\$ 880.00	101	\$ 808.00	188	\$ 1,504.00	126	\$ 1,008.00	704	\$ 5,632.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -	150	\$ 6,750.00	128	\$ 5,737.50	111	\$ 4,995.00	137	\$ 6,142.50	165	\$ 7,425.00	152	\$ 6,817.50	282	\$ 12,690.00	188	\$ 8,505.00	1056	\$ 47,520.00
New sidewalk																						
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Promenade																						
	varies	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
				\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic circle																						
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ 7,000.00		\$ -		\$ -		\$ 7,000.00		\$ -
Miscellaneous																						
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 17,672.50		\$ 11,132.50		\$ 10,012.63		\$ 8,788.05		\$ 10,680.58		\$ 12,795.75		\$ 11,793.83		\$ 21,009.10		\$ 14,891.95		\$ 80,682.80
TOTAL				\$ 88,400.00		\$ 55,700.00		\$ 50,100.00		\$ 43,900.00		\$ 53,400.00		\$ 71,000.00		\$ 59,000.00		\$ 105,000.00		\$ 81,500.00		\$ 403,400.00

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		St. Rose Street 10+406		Isabelle Place 10+648		Belleperche Place 10+754		Fairview Place 10+855		St. Paul Avenue 11+068		11+410 Lauzon Road		Lauzon Road 11+458		Watson Avenue 11+739		Dieppe Street 11+995		12+685 Brompton Park crosswalk 12+693			
	To		Isabelle Place 10+648		Belleperche Place 10+754		Fairview Place 10+855		St. Paul Avenue 11+068		Lauzon Road 11+410		Watson Avenue 11+739		Dieppe Street 11+995		Riverdale Drive 13+000							
	Length		242 m		106 m		101 m		213 m		342 m		48 m		281 m		256 m		1005 m		8 m			
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost		
Node reconstruction																								
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		568	\$ 62,150.00		\$ -		\$ -		\$ -		77	\$ 8,470.00
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		110	\$ 880.00		\$ -		\$ -		\$ -		28	\$ 224.00
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		96	\$ 960.00		\$ -		\$ -		\$ -		16	\$ 160.00
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		96	\$ 5,760.00		\$ -		\$ -		\$ -		16	\$ 960.00
Pavement markings (500mm) - 3M tape	\$ 55.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		63	\$ 3,575.00		\$ -		\$ -		\$ -		28	\$ 1,540.00
Pavement markings (100mm) - 3M tape	\$ 11.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		144	\$ 1,584.00		\$ -		\$ -		\$ -			\$ -
Road widening/restoration																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -		\$ -		218	\$ 13,080.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -		60	\$ 480.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -		71	\$ 570.40		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		60	\$ 3,600.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		35	\$ 1,552.50		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	
Overlay existing roadway																								
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Mill asphalt/concrete	\$ 10.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Pavement markings - 3M tape	\$ 40.00	/m	12	\$ 4,840.00	53	\$ 2,120.00	51	\$ 2,020.00	107	\$ 4,280.00	17	\$ 6,840.00		\$ -		\$ -		\$ -		\$ -		\$ -		
Curb return	\$ 2,200.00	ea.	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00	1	\$ 2,200.00		\$ -		\$ -		\$ -		\$ -		\$ -		
Road reconstruction																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		1855	\$ 103,857.60		1690	\$ 94,617.60		6633	\$ 371,448.00		\$ -	
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		562	\$ 5,620.00		512	\$ 5,120.00		2010	\$ 20,100.00		\$ -	
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		562	\$ 33,720.00		512	\$ 30,720.00		2010	\$ 120,600.00		\$ -	
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		28	\$ 11,240.00		256	\$ 10,240.00		1006	\$ 40,200.00		\$ -	
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -			\$ -			\$ -		\$ -	
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -			\$ -			\$ -		\$ -	
Curb return	\$ 7,000.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -		1	\$ 7,000.00		1	\$ 7,000.00		\$ -	
Bike lane construction																								
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		674	\$ 37,766.40		614	\$ 34,406.40		2412	\$ 135,072.00		\$ -	
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -			\$ -			\$ -		\$ -	
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -			\$ -			\$ -		\$ -	
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -			\$ -			\$ -			\$ -		\$ -	
Sidewalk reconstruction																								
Excavation (0.2m depth)	\$ 2.00	/m ²		\$ -		\$ -		\$ -		\$ -		120	\$ 240.00		422	\$ 843.00		384	\$ 768.00		1508	\$ 3,015.00		\$ -
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		120	\$ 960.00		422	\$ 3,372.00		384	\$ 3,072.00		1508	\$ 12,060.00		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		120	\$ 5,400.00		422	\$ 18,967.50		384	\$ 17,280.00		1508	\$ 67,837.50		\$ -
New sidewalk																								
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -		\$ -		\$ -		320	\$ 1,437.75		\$ -		\$ -		\$ -		\$ -		461	\$ 2,072.25		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		320	\$ 14,377.50		\$ -		\$ -		\$ -		\$ -		461	\$ 20,722.50		\$ -
Promenade																								
	varies	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Viewpoint																								
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		
Traffic signals/Street lighting, incl. accessories																								
				\$ 12,000.00		\$ -		\$ -		\$ 12,000.00		\$ -		\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ 24,000.00
Traffic circle																								
				\$ 7,000.00		\$ -		\$ -		\$ -		\$ 7,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		
Miscellaneous																								
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 4,760.00		\$ 1,080.00		\$ 1,055.00		\$ 13,389.54		\$ 3,910.00		\$ 24,977.25		\$ 53,846.63		\$ 50,806.00		\$ 200,031.81		\$ 8,838.50		
TOTAL				\$ 30,800.00		\$ 5,400.00		\$ 5,300.00		\$ 66,900.00		\$ 26,600.00		\$ 124,900.00		\$ 269,200.00		\$ 254,000.00		\$ 1,000,200.00		\$ 44,200.00		

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND	From		13+000		Riverdale Drive		Bertha Street		13+236		Flora Avenue		Martinique Avenue		Vanderbilt Crescent		Sandpoint Drive		14+029		Florence Avenue			
	To		Riverdale Drive		Bertha Street		Flora Avenue		Martinique Avenue		Vanderbilt Crescent		Sandpoint Drive		Florence Avenue		14+059		Clover Street					
	Length		50 m	117 m	69 m	31 m	267 m	132 m	71 m	292 m	30 m	258 m												
	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost		
Node reconstruction																								
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00	/m ²	97	\$ 107,690.00		\$ -		\$ -	360	\$ 39,600.00		\$ -		\$ -		\$ -		\$ -		\$ -	44	\$ 48,950.00		\$ -
Sawcutting	\$ 8.00	/m	71	\$ 568.00		\$ -		\$ -	62	\$ 496.00		\$ -		\$ -		\$ -		\$ -		\$ -	39	\$ 312.00		\$ -
Curb removal	\$ 10.00	/m	100	\$ 1,000.00		\$ -		\$ -	62	\$ 620.00		\$ -		\$ -		\$ -		\$ -		\$ -	60	\$ 600.00		\$ -
New curb including subdrain and granular	\$ 60.00	/m	100	\$ 6,000.00		\$ -		\$ -	62	\$ 3,720.00		\$ -		\$ -		\$ -		\$ -		\$ -	60	\$ 3,600.00		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m		\$ -		\$ -		\$ -	57	\$ 3,135.00		\$ -		\$ -		\$ -		\$ -		\$ -	68	\$ 3,740.00		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m		\$ -		\$ -		\$ -	93	\$ 1,023.00		\$ -		\$ -		\$ -		\$ -		\$ -	60	\$ 660.00		\$ -
Road widening/restoration																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -	70	\$ 4,212.00	4	\$ 2,484.00		\$ -	160	\$ 9,612.00	79	\$ 4,752.00	43	\$ 2,556.00	175	\$ 10,512.00		\$ -		\$ -	15	\$ 9,288.00
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -	234	\$ 2,340.00	138	\$ 1,380.00		\$ -	534	\$ 5,340.00	264	\$ 2,640.00	142	\$ 1,420.00	584	\$ 5,840.00		\$ -		\$ -	516	\$ 5,160.00
New curb including subdrain and granular	\$ 60.00	/m		\$ -	234	\$ 14,040.00	138	\$ 8,280.00		\$ -	534	\$ 32,040.00	264	\$ 15,840.00	142	\$ 8,520.00	584	\$ 35,040.00		\$ -		\$ -	516	\$ 30,960.00
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Overlay existing roadway																								
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -	772	\$ 6,177.60	455	\$ 3,643.20		\$ -	1762	\$ 14,097.60	874	\$ 6,998.80	468	\$ 3,748.80	1927	\$ 15,417.60		\$ -		\$ -	1703	\$ 13,622.40
Mill asphalt/concrete	\$ 10.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -	117	\$ 4,680.00	65	\$ 2,760.00		\$ -	267	\$ 10,680.00	132	\$ 5,280.00	71	\$ 2,840.00	292	\$ 11,680.00		\$ -		\$ -	258	\$ 10,320.00
Curb return	\$ 2,200.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Road reconstruction																								
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Pavement markings - 3M tape	\$ 40.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
median curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
concrete median	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Curb return	\$ 7,000.00	ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Bike lane construction																								
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
50mm asphalt surface layer	\$ 8.00	/m ²		\$ -	281	\$ 2,246.40	166	\$ 1,324.80		\$ -	641	\$ 5,126.40	317	\$ 2,534.40	170	\$ 1,363.20	701	\$ 5,606.40		\$ -		\$ -	618	\$ 4,953.60
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Sidewalk reconstruction																								
Excavation (0.2m depth)	\$ 2.00	/m ²	50	\$ 100.00	176	\$ 351.00	104	\$ 207.00	31	\$ 62.00	401	\$ 801.00	198	\$ 396.00	107	\$ 213.00	438	\$ 876.00	30	\$ 60.00	387	\$ 774.00		\$ -
Asphalt/conc removal	\$ 8.00	/m ²	50	\$ 400.00	176	\$ 1,404.00	104	\$ 828.00	31	\$ 248.00	401	\$ 3,204.00	198	\$ 1,584.00	107	\$ 852.00	438	\$ 3,504.00	30	\$ 240.00	387	\$ 3,096.00		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²	100	\$ 4,500.00	176	\$ 7,897.50	104	\$ 4,657.50	62	\$ 2,790.00	401	\$ 18,022.50	198	\$ 8,910.00	107	\$ 4,792.50	438	\$ 19,710.00	60	\$ 2,700.00	387	\$ 17,415.00		\$ -
New sidewalk																								
Excavation (0.2m depth), strip topsoil	\$ 4.50	/m ²		\$ -	176	\$ 789.75	104	\$ 465.75		\$ -	150	\$ 675.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -	176	\$ 7,897.50	104	\$ 4,657.50		\$ -	150	\$ 6,750.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Promenade																								
	varies	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																								
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																								
				\$ 25,000.00		\$ -		\$ -		\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ 25,000.00		\$ -		\$ -
Traffic circle																								
				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Miscellaneous																								
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25	%		\$ 36,314.50		\$ 13,008.94		\$ 8,221.94		\$ 19,173.50		\$ 26,587.13		\$ 12,776.50		\$ 7,126.38		\$ 27,596.50		\$ 21,465.50		\$ 23,897.25		\$ -
TOTAL				\$ 181,600.00		\$ 65,000.00		\$ 41,100.00		\$ 95,900.00		\$ 132,900.00		\$ 63,900.00		\$ 35,600.00		\$ 138,000.00		\$ 107,300.00		\$ 119,500.00		\$ -

Preliminary Opinion of Probable Cost

Riverside Drive Vista Improvement Project

LEGEND 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	From	14+317 Clover Street	Clover Street 14+350	Greenpark Boulevard 15+118	Jarvis Avenue 15+118	Jarvis Avenue 15+478	Cora Greenwood Dr. 15+702	Cora Greenwood Dr. 15+702	15+885 Lakeview Drive	Lakeview Drive 15+928	Lakeview Drive 15+928	Lakeview Drive 15+928	TOTAL	
	To	14+350 Clover Street	Greenpark Boulevard 15+118	Jarvis Avenue 15+478	Cora Greenwood Dr. 15+702	Lakeview Drive 15+885	Lakeview Drive 15+885	Lakeview Drive 15+885	Lakeview Drive 15+928	East City Limits 16+027	East City Limits 16+027			
	Length	33 m	768 m	360 m	224 m	183 m	43 m	99 m						
		Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	Units	Cost	
Node reconstruction														\$ 1,576,600.00
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00 /m ²	388	\$ 42,680.00		\$ -		\$ -		\$ -		\$ -	65	\$ 7,110.00	\$ 1,389,300.00
Sawcutting	\$ 8.00 /m	35	\$ 280.00		\$ -		\$ -		\$ -		\$ -	44	\$ 384.00	\$ 10,200.00
Curb removal	\$ 10.00 /m	66	\$ 660.00		\$ -		\$ -		\$ -		\$ -	86	\$ 860.00	\$ 11,700.00
New curb including subdrain and granular	\$ 60.00 /m	66	\$ 3,960.00		\$ -		\$ -		\$ -		\$ -	86	\$ 5,160.00	\$ 69,900.00
Pavement markings (500mm) - 3M tape	\$ 55.00 /m	66	\$ 3,795.00		\$ -		\$ -		\$ -		\$ -	66	\$ 3,630.00	\$ 69,500.00
Pavement markings (100mm) - 3M tape	\$ 11.00 /m	100	\$ 1,100.00		\$ -		\$ -		\$ -		\$ -	124	\$ 1,419.00	\$ 26,000.00
Road widening/restoration														\$ 1,085,400.00
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 304,600.00
Sawcutting	\$ 8.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 16,600.00
Asphalt/conc removal	\$ 8.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 18,800.00
Curb removal	\$ 10.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 79,000.00
New curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 553,500.00
median curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 72,000.00
concrete median	\$ 45.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 40,900.00
Overlay existing roadway														\$ 983,700.00
50mm asphalt surface layer	\$ 8.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 460,000.00
Mill asphalt/concrete	\$ 10.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 91,900.00
Pavement markings - 3M tape	\$ 40.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 339,400.00
Curb return	\$ 2,200.00 /ea.		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 92,400.00
Road reconstruction														\$ 3,694,500.00
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²		\$ -	5066	\$ 283,852.80	2376	\$ 133,056.00	1478	\$ 82,790.40	1208	\$ 67,636.80		\$ -	\$ 2,558,500.00
Curb removal	\$ 10.00 /m		\$ -	1536	\$ 15,360.00	720	\$ 7,200.00	448	\$ 4,480.00	368	\$ 3,680.00		\$ -	\$ 88,900.00
New curb including subdrain and granular	\$ 60.00 /m		\$ -	1536	\$ 92,160.00	720	\$ 43,200.00	448	\$ 26,880.00	368	\$ 21,960.00		\$ -	\$ 671,200.00
Pavement markings - 3M tape	\$ 40.00 /m		\$ -	768	\$ 30,720.00	360	\$ 14,400.00	224	\$ 8,960.00	183	\$ 7,320.00		\$ -	\$ 229,300.00
median curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 26,400.00
concrete median	\$ 45.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 15,200.00
Curb return	\$ 7,000.00 /ea.		\$ -		\$ -	1	\$ 7,000.00	1	\$ 7,000.00	1	\$ 7,000.00		\$ -	\$ 105,000.00
Bike lane construction														\$ 1,423,700.00
Cross-section widening - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 478,700.00
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²		\$ -	1843	\$ 103,219.20	864	\$ 48,384.00	538	\$ 30,105.60	435	\$ 24,595.20		\$ -	\$ 770,400.00
50mm asphalt surface layer	\$ 8.00 /m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 67,700.00
Curb removal	\$ 10.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 15,300.00
New curb including subdrain and granular	\$ 60.00 /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ 91,600.00
Sidewalk reconstruction														\$ 718,700.00
Excavation (0.2m depth)	\$ 2.00 /m ²	33	\$ 66.00		\$ -		\$ -		\$ -		\$ -	43	\$ 86.00	\$ 26,000.00
Asphalt/conc removal	\$ 8.00 /m ²	33	\$ 264.00		\$ -		\$ -		\$ -		\$ -	43	\$ 344.00	\$ 99,800.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	66	\$ 2,970.00		\$ -		\$ -		\$ -		\$ -	86	\$ 3,870.00	\$ 592,900.00
New sidewalk														\$ 244,500.00
Excavation (0.2m depth), strip topsoil	\$ 4.50 /m ²		\$ -	1152	\$ 5,184.00	540	\$ 2,430.00	336	\$ 1,512.00	275	\$ 1,235.25		\$ -	\$ 22,200.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²		\$ -	1152	\$ 51,840.00	540	\$ 24,300.00	336	\$ 15,120.00	275	\$ 12,352.50		\$ -	\$ 222,300.00
Promenade														\$ 2,163,300.00
Promenade	varies /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
Viewpoint														\$ 180,000.00
Viewpoint			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
Traffic signals/Street lighting, incl. accessories														\$ 781,000.00
Traffic signals/Street lighting, incl. accessories			\$ 25,000.00		\$ -		\$ -		\$ -		\$ 25,000.00		\$ -	\$ -
Traffic circle														\$ 42,000.00
Traffic circle			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	\$ -
Miscellaneous														\$ 3,212,900.00
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25 %		\$ 20,193.75		\$ 145,584.00		\$ 69,992.50		\$ 44,212.00		\$ 36,439.94		\$ 28,090.75	\$ 18,766.69
TOTAL			\$ 101,000.00		\$ 727,900.00		\$ 350,000.00		\$ 221,100.00		\$ 182,200.00		\$ 140,500.00	\$ 93,800.00
\$ 16,107,000.00														