

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	0+015	University Avenue W. 0+070	0+255	Huron Church Road 0+295	Vista Place 0+415	Patricia Road 0+515	Sunset Avenue 0+623	California Avenue 0+723	Askin Avenue 0+831	Randolph Avenue 0+951								
	To	0+070	Huron Church Road 0+255	0+295	Vista Place 0+415	Patricia Road 0+515	Sunset Avenue 0+623	California Avenue 0+723	Askin Avenue 0+831	Randolph Avenue 0+951	Rankin Avenue 1+046								
	Length	55 m	185 m	40 m	120 m	100 m	108 m	100 m	108 m	120 m	95 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	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	218	\$ 13,080.00					
Sawcutting	\$ 8.00 /m	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	60	\$ 480.00	\$ -	60	\$ 480.00	60	\$ 480.00					
Asphalt/conc removal	\$ 8.00 /m ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	71	\$ 570.40	\$ -	71	\$ 570.40	71	\$ 570.40					
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	60	\$ 3,600.00					
concrete median	\$ 45.00 /m ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	35	\$ 1,552.50	\$ -	35	\$ 1,552.50	35	\$ 1,552.50					
Overlay existing roadway																			
50mm asphalt surface layer	\$ 8.00 /m ²	\$ -	1258	\$ 10,064.00	\$ -	912	\$ 7,296.00	680	\$ 5,440.00	734	\$ 5,875.20	680	\$ 5,440.00	734	\$ 5,875.20	816	\$ 6,528.00	646	\$ 5,168.00
Mill asphalt/concrete	\$ 10.00 /m ²	\$ -	370	\$ 3,700.00	\$ -	1200	\$ 12,000.00	200	\$ 2,000.00	216	\$ 2,160.00	200	\$ 2,000.00	216	\$ 2,160.00	240	\$ 2,400.00	190	\$ 1,900.00
Pavement markings - 3M tape	\$ 40.00 /m	\$ -	185	\$ 7,400.00	\$ -	120	\$ 4,800.00	100	\$ 4,000.00	108	\$ 4,320.00	100	\$ 4,000.00	108	\$ 4,320.00	120	\$ 4,800.00	95	\$ 3,800.00
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
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	108	\$ 6,480.00	100	\$ 6,000.00	108	\$ 6,480.00	120	\$ 7,200.00	95	\$ 5,700.00
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	130	\$ 1,036.80	144	\$ 1,152.00	114	\$ 912.00
Curb removal	\$ 10.00 /m	\$ -	185	\$ 1,850.00	\$ -	100	\$ 1,000.00	108	\$ 1,080.00	100	\$ 1,000.00	108	\$ 1,080.00	120	\$ 1,200.00	95	\$ 950.00	\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m	\$ -	185	\$ 11,100.00	\$ -	\$ -	\$ -	100	\$ 6,000.00	108	\$ 6,480.00	100	\$ 6,000.00	108	\$ 6,480.00	120	\$ 7,200.00	95	\$ 5,700.00
Sidewalk reconstruction																			
Excavation (0.2m depth)	\$ 2.00 /m ²	\$ -	\$ -	\$ -	180	\$ 360.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
Asphalt/conc removal	\$ 8.00 /m ²	\$ -	\$ -	\$ -	120	\$ 960.00	150	\$ 1,200.00	\$ -	\$ -	\$ -	\$ -	\$ -						
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	\$ -	\$ -	\$ -	180	\$ 8,100.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -						
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	\$ -	185	\$ 5,550.00	\$ -	120	\$ 28,800.00	100	\$ 24,000.00	108	\$ 25,920.00	100	\$ 24,000.00	108	\$ 25,920.00	120	\$ 28,800.00	95	\$ 22,800.00
Viewpoint																			
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 30,000.00	\$ -	\$ 30,000.00	\$ -	\$ 30,000.00						
Traffic signals/Street lighting, incl. accessories																			
		\$ 25,000.00	\$ -	\$ 25,000.00	\$ -	\$ -	\$ -	\$ -	\$ 12,000.00	\$ -	\$ 12,000.00	\$ -	\$ 12,000.00						
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	\$ 12,900.00	\$ 29,208.73	\$ 15,370.00	\$ 27,603.23	\$ -	\$ -						
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	From		Rankin Avenue 1+046		1+117 Ernest Atkinson Park crosswalk		Bridge Street 1+213		1+378 Campbell Avenue		Campbell Avenue 1+403		McEwan Avenue 1+511		Curry Avenue 1+607		McKay Avenue 1+698		1+782 Cameron Avenue		Cameron Avenue 1+807	
	To		Bridge Street 1+213		1+125		Campbell Avenue 1+378		1+403		McEwan Avenue 1+511		Curry Avenue 1+607		McKay Avenue 1+698		Cameron Avenue 1+782		1+807		Elm Street 2+023	
	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		\$ -	75	\$ 8,250.00		\$ -	307	\$ 33,770.00		\$ -		\$ -		\$ -		\$ -	315	\$ 34,650.00		\$ -
Sawcutting	\$ 8.00	/m		\$ -	40	\$ 320.00		\$ -	30	\$ 240.00		\$ -		\$ -		\$ -		\$ -	32	\$ 256.00		\$ -
Curb removal	\$ 10.00	/m		\$ -	8	\$ 80.00		\$ -	25	\$ 250.00		\$ -		\$ -		\$ -		\$ -	25	\$ 250.00		\$ -
New curb including subdrain and granular	\$ 60.00	/m		\$ -	8	\$ 480.00		\$ -	25	\$ 1,500.00		\$ -		\$ -		\$ -		\$ -	25	\$ 1,500.00		\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00	/m		\$ -	28	\$ 1,540.00		\$ -	52	\$ 2,860.00		\$ -		\$ -		\$ -		\$ -	56	\$ 3,080.00		\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00	/m		\$ -		\$ -		\$ -	75	\$ 825.00		\$ -		\$ -		\$ -		\$ -	75	\$ 825.00		\$ -
Road widening/restoration																						
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00	/m ²		\$ -		\$ -	93	\$ 5,580.00		\$ -	233	\$ 13,950.00		\$ -		\$ -		\$ -		\$ -	108	\$ 6,480.00
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	216	\$ 1,728.00
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	108	\$ 864.00
Curb removal	\$ 10.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	216	\$ 2,160.00
New curb including subdrain and granular	\$ 60.00	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	216	\$ 12,960.00
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	1136	\$ 9,084.80		\$ -	1122	\$ 8,976.00		\$ -	734	\$ 5,875.20	653	\$ 5,222.40	619	\$ 4,950.40	571	\$ 4,569.60		\$ -	1426	\$ 11,404.80
Mill asphalt/concrete	\$ 10.00	/m ²	334	\$ 3,340.00		\$ -	330	\$ 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		\$ -		\$ -
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	200	\$ 1,603.20		\$ -	198	\$ 1,584.00		\$ -	130	\$ 1,036.80	115	\$ 921.60	109	\$ 873.60	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		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	324	\$ 648.00
Asphalt/conc removal	\$ 8.00	/m ²	251	\$ 2,004.00		\$ -	248	\$ 1,980.00		\$ -		\$ -	144	\$ 1,152.00	137	\$ 1,092.00	126	\$ 1,008.00		\$ -	259	\$ 2,073.60
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	324	\$ 14,580.00
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	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		\$ -
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	%	\$ 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 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	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	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
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	\$ -	\$ -	\$ -	\$ -	151 \$ 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	\$ -	\$ -	\$ -	2066 \$ 16,531.20	\$ -	2312 \$ 18,499.20	\$ -
Mill asphalt/concrete	\$ 10.00 /m ²	180 \$ 1,800.00	218 \$ 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	\$ -	\$ -	\$ -
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	\$ -	\$ -	\$ -	\$ -	\$ -	85 \$ 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 \$ 1,656.00	\$ -	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	\$ -	282 \$ 2,256.00	\$ -
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		3+800		3+944		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	541	\$ 59,510.00		\$ -	706	\$ 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		\$ -		\$ -		\$ -	456	\$ 27,360.00	197	\$ 11,826.00		\$ -	203	\$ 12,198.00		\$ -
Sawcutting	\$ 8.00	/m		\$ -		\$ -		\$ -	154	\$ 1,232.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Asphalt/conc removal	\$ 8.00	/m ²		\$ -		\$ -		\$ -	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		\$ -	1169	\$ 9,348.00		\$ -	2033	\$ 16,262.40		\$ -	2712	\$ 21,696.00	2880	\$ 23,037.60		\$ -	1541	\$ 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		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	2054	\$ 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		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	189	\$ 378.00
Asphalt/conc removal	\$ 8.00	/m ²		\$ -	143	\$ 1,140.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	161	\$ 1,284.00	189	\$ 1,512.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00	/m ²		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -	189	\$ 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	35 m	98 m	220 m	29 m	85 m	94 m	100 m	88 m	
	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	\$ -	\$ -	685 \$ 75,350.00	\$ -	\$ -	515 \$ 56,650.00	\$ -	\$ -	\$ -	\$ -	
Sawcutting	\$ 8.00 /m	\$ -	\$ -	55 \$ 440.00	\$ -	\$ -	42 \$ 336.00	\$ -	\$ -	\$ -	\$ -	
Curb removal	\$ 10.00 /m	\$ -	\$ -	35 \$ 350.00	\$ -	\$ -	29 \$ 290.00	\$ -	\$ -	\$ -	\$ -	
New curb including subdrain and granular	\$ 60.00 /m	\$ -	\$ -	35 \$ 2,100.00	\$ -	\$ -	29 \$ 1,740.00	\$ -	\$ -	\$ -	\$ -	
Pavement markings (500mm) - 3M tape	\$ 55.00 /m	\$ -	\$ -	64 \$ 3,520.00	\$ -	\$ -	75 \$ 4,125.00	\$ -	\$ -	\$ -	\$ -	
Pavement markings (100mm) - 3M tape	\$ 11.00 /m	\$ -	\$ -	175 \$ 1,925.00	\$ -	\$ -	145 \$ 1,595.00	\$ -	\$ -	\$ -	\$ -	
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	209 \$ 417.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Asphalt/conc removal	\$ 8.00 /m ²	215 \$ 1,716.00	209 \$ 1,668.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	215 \$ 9,652.50	209 \$ 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		Devonshire Road		5+821		Walker Road		Montreuil Street		Albert Street		Drouillard Road		Cadillac Street		Bellevue Avenue	
	To		Lincoln Road		5+134		Devonshire Road		Walker Road		Montreuil Street		Albert Street		Drouillard Road		Cadillac Street		Bellevue Avenue		Pratt Place	
	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		\$ -		\$ -		\$ -	389	\$ 3,108.00	111	\$ 888.00	65	\$ 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		\$ -		\$ -		\$ -		\$ -		\$ -	221	\$ 9,922.50	63	\$ 2,835.00	37	\$ 1,653.75	326	\$ 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		\$ -		\$ -	339	\$ 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		\$ -		\$ -	35	\$ 1,575.00		\$ -	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		\$ -	389	\$ 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																						
Promenade	varies	/m	33	\$ 10,395.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																						
Viewpoint				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
Traffic signals/Street lighting, incl. accessories				\$ 25,000.00		\$ -		\$ 12,000.00		\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic circle																						
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 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	From	Pratt Place 6+814	6+965 Strabane Avenue 6+997	Strabane Avenue 6+997	George Avenue 7+503	George Avenue 7+503	Rossini Boulevard 7+694	Rossini Boulevard 7+694	Jos. Janisse Avenue 7+807	Jos. Janisse Avenue 7+807	Jos. Janisse Avenue 7+807	Pillette Road 8+157	Pillette Road 8+157	Pillette Road 8+187	Pillette Road 8+187	8+494 Coventry Gardens crosswalk 8+501	Buckingham Drive 8+698	Buckingham Drive 8+698	Buckingham Drive 8+797
	To	Strabane Avenue 6+965		George Avenue 7+503	Rossini Boulevard 7+694	Rossini Boulevard 7+694	Jos. Janisse Avenue 7+807	Jos. Janisse Avenue 7+807	Pillette Road 8+157	Pillette Road 8+157	Pillette Road 8+157	Pillette Road 8+187	Pillette Road 8+187	Buckingham Drive 8+698	Coventry Gardens crosswalk 8+501	Buckingham Drive 8+698	Buckingham Drive 8+698	Buckingham Drive 8+797	
	Length	151 m	32 m	506 m	191 m	113 m	350 m	30 m	511 m	7 m	99 m								
	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	\$ -	592	\$ 65,120.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	484	\$ 53,240.00	\$ -	\$ -	67	\$ 7,370.00	\$ -	\$ -
Sawcutting	\$ 8.00 /m	\$ -	50	\$ 400.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	68	\$ 544.00	\$ -	\$ -	27	\$ 216.00	\$ -	\$ -
Curb removal	\$ 10.00 /m	\$ -	48	\$ 480.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	60	\$ 600.00	\$ -	\$ -	14	\$ 140.00	\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m	\$ -	48	\$ 2,880.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	60	\$ 3,600.00	\$ -	\$ -	14	\$ 840.00	\$ -	\$ -
Pavement markings (500mm) - 3M tape	\$ 55.00 /m	\$ -	90	\$ 4,950.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	24	\$ 1,320.00	\$ -	\$ -	\$ -
Pavement markings (100mm) - 3M tape	\$ 11.00 /m	\$ -	64	\$ 704.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road widening/restoration																			
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 60.00 /m ²	24	\$ 1,440.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Sawcutting	\$ 8.00 /m	80	\$ 640.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Asphalt/conc removal	\$ 8.00 /m ²	148	\$ 1,184.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Curb removal	\$ 10.00 /m	\$ -	\$ -	626	\$ 6,260.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m	\$ -	\$ -	1012	\$ 60,720.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
median curb including subdrain and granular	\$ 60.00 /m	80	\$ 4,800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
concrete median	\$ 45.00 /m ²	84	\$ 3,780.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Overlay existing roadway																			
50mm asphalt surface layer	\$ 8.00 /m ²	\$ -	\$ -	3795	\$ 30,360.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Mill asphalt/concrete	\$ 10.00 /m ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Pavement markings - 3M tape	\$ 40.00 /m	110	\$ 4,400.00	\$ -	\$ -	506	\$ 20,240.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Curb return	\$ 2,200.00 ea.	1	\$ 2,200.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Road reconstruction																			
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²	\$ -	\$ -	\$ -	1261	\$ 70,593.60	746	\$ 41,764.80	2496	\$ 139,776.00	\$ -	\$ -	3559	\$ 199,281.60	\$ -	\$ -	653	\$ 36,590.40	\$ -
Curb removal	\$ 10.00 /m	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	150	\$ 1,500.00	\$ -	\$ -	\$ -	\$ -	\$ -
New curb including subdrain and granular	\$ 60.00 /m	\$ -	\$ -	\$ -	382	\$ 22,920.00	226	\$ 13,560.00	700	\$ 42,000.00	\$ -	\$ -	942	\$ 56,520.00	\$ -	\$ -	198	\$ 11,880.00	\$ -
Pavement markings - 3M tape	\$ 40.00 /m	\$ -	\$ -	\$ -	191	\$ 7,640.00	113	\$ 4,520.00	350	\$ 14,000.00	\$ -	\$ -	511	\$ 20,440.00	\$ -	\$ -	99	\$ 3,960.00	\$ -
median curb including subdrain and granular	\$ 60.00 /m	\$ -	\$ -	\$ -	30	\$ 1,800.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
concrete median	\$ 45.00 /m ²	\$ -	\$ -	\$ -	24	\$ 1,080.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Curb return	\$ 7,000.00 ea.	\$ -	\$ -	\$ -	1	\$ 7,000.00	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	\$ -	\$ -	759	\$ 45,540.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Cross-section reconstruction - Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer	\$ 56.00 /m ²	\$ -	\$ -	\$ -	458	\$ 25,670.40	271	\$ 15,187.20	840	\$ 47,040.00	\$ -	\$ -	1226	\$ 68,678.40	\$ -	\$ -	238	\$ 13,305.60	\$ -
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	\$ -	\$ -	759	\$ 1,518.00	287	\$ 573.00	170	\$ 339.00	525	\$ 1,050.00	\$ -	\$ -	647	\$ 1,293.00	\$ -	\$ -	149	\$ 297.00
Asphalt/conc removal	\$ 8.00 /m ²	\$ -	\$ -	506	\$ 4,048.00	191	\$ 1,528.00	113	\$ 904.00	350	\$ 2,800.00	\$ -	\$ -	431	\$ 3,448.00	\$ -	\$ -	99	\$ 792.00
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	\$ -	\$ -	759	\$ 34,155.00	287	\$ 12,892.50	170	\$ 7,627.50	525	\$ 23,625.00	\$ -	\$ -	647	\$ 29,092.50	\$ -	\$ -	149	\$ 6,682.50
New sidewalk																			
Excavation (0.2m depth), strip topsoil	\$ 4.50 /m ²	\$ -	\$ -	759	\$ 3,415.50	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Concrete sidewalk (including 50mm granular base)	\$ 45.00 /m ²	\$ -	\$ -	759	\$ 34,155.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Promenade																			
	varies /m	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Viewpoint																			
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic signals/Street lighting, incl. accessories																			
		\$ -	\$ 25,000.00	\$ -	\$ 12,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Traffic circle																			
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 7,000.00	\$ -
Miscellaneous																			
Storm drainage/hydro pole relocation/hydrant relocation/contingencies	25 %	\$ 4,611.00	\$ 24,883.50	\$ 60,102.88	\$ 40,924.38	\$ 22,725.63	\$ 69,322.75	\$ 20,746.00	\$ 95,063.38	\$ 8,471.50	\$ 20,126.88								
TOTAL		\$ 23,100.00	\$ 124,400.00	\$ 300,500.00	\$ 204,600.00	\$ 120,600.00	\$ 346,600.00	\$ 103,700.00	\$ 475,300.00	\$ 42,400.00	\$ 107,600.00								

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	30	\$ 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	1408	\$ 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	1408	\$ 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	561	\$ 4,488.00	488	\$ 3,907.20	601	\$ 4,804.80	726	\$ 5,808.00	667	\$ 5,332.80	1241	\$ 9,926.40	832	\$ 6,652.80	4646	\$ 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.		\$ -		\$ -	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	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		\$ -	240	\$ 14,400.00	204	\$ 12,240.00	178	\$ 10,656.00	218	\$ 13,104.00	264	\$ 15,840.00	242	\$ 14,544.00	451	\$ 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	189	\$ 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	189	\$ 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																						
Promenade	varies	/m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																						
Viewpoint				\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																						
Traffic signals/Street lighting, incl. accessories				\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic circle																						
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 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	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	48 m Lauzon Road 11+458	Watson Avenue 11+739	Dieppe Street 11+995	Riverdale Drive 13+000	8 m		
	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
Node reconstruction													
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00 /m ²	\$ -	\$ -	\$ -	\$ -	\$ -	565 \$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	65 \$ 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	121 \$ 4,840.00	53 \$ 2,120.00	51 \$ 2,020.00	107 \$ 4,260.00	171 \$ 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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	281 \$ 11,240.00	256 \$ 10,240.00	1005 \$ 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 0+000 - Nodes 1 & 2 0+000 - Node 3 0+000 - Traffic circle at intersection	From	13+000 Riverdale Drive		Riverdale Drive 13+050		Bertha Street 13+167		13+236 Flora Avenue		13+236 Flora Avenue		Flora Avenue 13+267		Martiniqve Avenue 13+534		Vanderbilt Crescent 13+666		Sandpoint Drive 13+737		14+029 Florence Avenue		Florence Avenue 14+059	
	To	13+050		Bertha Street 13+167		Flora Avenue 13+236		31 m		267 m		132 m		71 m		292 m		30 m		258 m			
	Length	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	979	\$ 107,690.00		\$ -		\$ -	360	\$ 39,600.00		\$ -		\$ -		\$ -		\$ -		\$ -	445	\$ 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	41	\$ 2,484.00		\$ -	160	\$ 9,612.00	79	\$ 4,762.00	43	\$ 2,556.00	175	\$ 10,512.00		\$ -		\$ -	155	\$ 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	871	\$ 6,969.60	469	\$ 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	69	\$ 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.		\$ -		\$ -	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		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
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		\$ -		\$ -	619	\$ 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																							
Promenade	varies /m		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Viewpoint																							
Viewpoint			\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -		\$ -
Traffic signals/Street lighting, incl. accessories																							
Traffic signals/Street lighting, incl. accessories			\$ 25,000.00		\$ -		\$ -		\$ 25,000.00		\$ -		\$ -		\$ -		\$ -		\$ -		\$ 25,000.00		\$ -
Traffic circle																							
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+478	Cora Greenwood Dr. 15+702	Lakeview Drive 15+702	15+885 Lakeview Drive	Lakeview Drive 15+885	15+928 East City Limits	Lakeview Drive 15+928	TOTAL
	To	14+350	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+885	Lakeview Drive 15+885	Lakeview Drive 15+885	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	Units	Cost
Node reconstruction														
Road excavation, asphalt/concrete removal, coloured concrete 230mm thick, including 100mm clear stone and 300mm granular	\$ 110.00 /m ²	388 \$ 42,680.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	651 \$ 71,610.00	\$ -	\$ -	\$ -	\$ 1,389,300.00
Sawcutting	\$ 8.00 /m	35 \$ 280.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	48 \$ 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	69 \$ 3,795.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	66 \$ 3,630.00	\$ -	\$ -	\$ -	\$ 69,500.00
Pavement markings (100mm) - 3M tape	\$ 11.00 /m	100 \$ 1,100.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	129 \$ 1,419.00	\$ -	\$ -	\$ -	\$ 26,000.00
Road widening/restoration														
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														
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														
Excavation, asphalt/conc removal, granular "A", 75mm asphalt base layer, 50mm asphalt surface layer														
	\$ 56.00 /m ²	\$ -	5069 \$ 283,852.80	2376 \$ 133,056.00	1478 \$ 82,790.40	1208 \$ 67,636.80						653 \$ 36,590.40	\$ -	\$ 2,558,500.00
Curb removal	\$ 10.00 /m	\$ -	1536 \$ 15,360.00	720 \$ 7,200.00	448 \$ 4,480.00	366 \$ 3,660.00						198 \$ 1,980.00	\$ -	\$ 88,900.00
New curb including subdrain and granular	\$ 60.00 /m	\$ -	1536 \$ 92,160.00	720 \$ 43,200.00	448 \$ 26,880.00	366 \$ 21,960.00						198 \$ 11,880.00	\$ -	\$ 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						99 \$ 3,960.00	\$ -	\$ 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														
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	439 \$ 24,595.20						238 \$ 13,305.60	\$ -	\$ 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														
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														
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						149 \$ 668.25	\$ -	\$ 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						149 \$ 6,682.50	\$ -	\$ 222,300.00
Promenade														
	varies /m	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 2,163,300.00
Viewpoint														
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 180,000.00
Traffic signals/Street lighting, incl. accessories														
		\$ 25,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 25,000.00	\$ -	\$ -	\$ -	\$ 781,000.00
Traffic circle														
		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 42,000.00
Miscellaneous														
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	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 3,212,900.00
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