

CITY OF ABBOTSFORD
Draft Roads DCC Program

								Col. (1)	Col. (2)	Col. (3) = Col. (1) x Growth Ratio	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
DCC ID	Description	Street	From	To	Total Capital and Land Cost Estimate (2020 \$) before cost-sharing	Cost Share Partner / Infrastructure Owner (if not City)	Cost- Sharing	Total Capital and Land Cost Estimate (2020 \$) for Abbotsford	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
1a	Major Connection	Marshall Road Connector	King Rd	Mt. Lehman	\$4,603,000		100%	\$4,603,000	100%	\$4,603,000	\$46,030	\$4,556,970	\$46,030
1e	Major Connection (credit owing)	Marshall Road Extension	Timberlane Dr	Mountain Dr	\$1,200,000		100%	\$1,200,000	100%	\$1,200,000	\$12,000	\$1,188,000	\$12,000
1g	Road Widening	Marshall Road Extension	Old Yale Rd	Timberlane Dr	\$1,247,000		100%	\$1,247,000	100%	\$1,247,000	\$12,470	\$1,234,530	\$12,470
3a	Overpass Over Highway 11 and Interchange - principal	Maclure Connector	Highway 11	McCallum Rd	\$58,579,000	MOTI	33%	\$26,936,935	100%	\$26,936,935	\$269,369	\$26,667,566	\$269,369
3aB	Overpass Over Highway 11 and Interchange - interest ¹	Maclure Connector	Highway 11	McCallum Rd	\$3,509,953		100%	\$3,509,953	100%	\$3,509,953	\$35,100	\$3,474,853	\$35,100
3b	Capacity Improvements	George Ferguson Way (GFW)	Gladys Ave	Beck Rd	\$15,132,000		100%	\$15,132,000	100%	\$15,132,000	\$151,320	\$14,980,680	\$151,320
3c	Overpass Over Highway 11	McKee Rd Extension	Beck Rd	McMillan Rd	\$13,025,000		100%	\$13,025,000	100%	\$13,025,000	\$130,250	\$12,894,750	\$130,250
3d	Capacity Improvements	McKee Rd	McMillan Rd	Ledgeview Dr	\$21,646,000		100%	\$21,646,000	100%	\$21,646,000	\$216,460	\$21,429,540	\$216,460
3f	Other Improvement - Road Widening	Old Yale Rd	Cameron Cres	Eagle Mtn Dr	\$5,056,000		100%	\$5,056,000	100%	\$5,056,000	\$50,560	\$5,005,440	\$50,560
4a	Road Rebuild	South Fraser Way (SFW)	Langdon St	McDougall Ave	\$25,314,000		100%	\$25,314,000	29%	\$7,341,060	\$73,411	\$7,267,649	\$18,046,351
4b	Road Rebuild	Essendene Ave	SFW	West Railway St	\$2,532,000		100%	\$2,532,000	29%	\$734,280	\$7,343	\$726,937	\$1,805,063
4c	Road re-construction, widening and streetscape improvements	McCallum Rd	SFW	Marshall Rd	\$8,048,000		100%	\$8,048,000	29%	\$2,333,920	\$23,339	\$2,310,581	\$5,737,419
5a1	Major Connection	Fraser Highway (Phase 2)	Mt Lehman Rd	Ross Rd	\$18,986,000		100%	\$18,986,000	29%	\$5,505,940	\$55,059	\$5,450,881	\$13,535,119
5a2	Major Connection	Fraser Highway (Phase 3)	Ross Rd	Station Rd	\$29,533,000		100%	\$29,533,000	29%	\$8,564,570	\$85,646	\$8,478,924	\$21,054,076
5b	Add turn lanes throughout, plus 4 lanes	Clearbrook Rd	Old Yale Rd	Maclure Rd	\$6,040,000		100%	\$6,040,000	29%	\$1,751,600	\$17,516	\$1,734,084	\$4,305,916
5h	Other Improvement - Road Widening	Haida Dr	Ag-Rec	Gladwin Rd	\$391,000		100%	\$391,000	100%	\$391,000	\$3,910	\$387,090	\$3,910
5i	Other Improvement - Road Widening	Marshall Rd	McMillan Rd	Old Yale Rd	\$3,692,000		100%	\$3,692,000	100%	\$3,692,000	\$36,920	\$3,655,080	\$36,920
5j	Other Improvement - Road Widening	McMillan Rd	Old Yale Rd	Old Clayburn Rd	\$7,234,000		100%	\$7,234,000	100%	\$7,234,000	\$72,340	\$7,161,660	\$72,340
5j	Other Improvement - Road Widening	McMillan Rd	Marshall Rd	Old Yale Rd	\$4,961,000		100%	\$4,961,000	100%	\$4,961,000	\$49,610	\$4,911,390	\$49,610
5k	Other Improvement - Road Widening	Mt Lehman Rd	Heritage Dr	Downes Rd	\$2,110,000		100%	\$2,110,000	100%	\$2,110,000	\$21,100	\$2,088,900	\$21,100
5l	Other Improvement - Road Widening	Old Clayburn Rd	(S of Straiton Rd)		\$2,004,000		100%	\$2,004,000	100%	\$2,004,000	\$20,040	\$1,983,960	\$20,040

CITY OF ABBOTSFORD
Draft Roads DCC Program

DCC ID	Description	Street	From	To	Total Capital and Land Cost Estimate (2020 \$) before cost-sharing	Cost Share Partner / Infrastructure Owner (if not City)	Cost-Sharing	Total Capital and Land Cost Estimate (2020 \$) for Abbotsford	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
5m	New Traffic Signal	Blauson Blvd at McKee Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5n	Other Improvement - Road Widening	Riverside Rd	Vye Rd	Marshall Rd	\$9,054,000		100%	\$9,054,000	100%	\$9,054,000	\$90,540	\$8,963,460	\$90,540
5o	Other Improvement - Road Widening	Whatcom Rd	Westview Blvd	Sandringham Dr	\$18,969,000		100%	\$18,969,000	100%	\$18,969,000	\$189,690	\$18,779,310	\$189,690
5q	New Road	Barrons Way Extension to McClary Avenue	McClary Ave	Barrons Way	\$1,627,000		100%	\$1,627,000	100%	\$1,627,000	\$16,270	\$1,610,730	\$16,270
5t	New Traffic Signal	Blueridge Dr at Ridgeview Dr	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5v	New Traffic Signal	Downes Rd at Bradner Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5x	New Traffic Signal	George Ferguson Way at Ash St	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5y	New Traffic Signal	King Rd at Riverside Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5aa	New Traffic Signal	Marshall Rd at McMillan St	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5bb	New Traffic Signal	McKee Rd at McKee Dr	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5cc	New Traffic Signal	Mouat Dr at Tretheway St	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5dd	New Traffic Signal	Old Clayburn Rd at High Dr/ McMillan Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5ee	New Traffic Signal	Old Yale Rd at Marshall Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5gg	New Traffic Signal	Upper Maclure Rd at Townline Rd	N/A	N/A	\$317,000		100%	\$317,000	100%	\$317,000	\$3,170	\$313,830	\$3,170
5ii	New Traffic Signal (Upgrade from Pedestrian Signal)	GFW at Babich St	N/A	N/A	\$159,000		100%	\$159,000	100%	\$159,000	\$1,590	\$157,410	\$1,590
5jj	New Traffic Signal (Upgrade from Pedestrian Signal)	McKee Rd at McKinley Dr	N/A	N/A	\$159,000		100%	\$159,000	100%	\$159,000	\$1,590	\$157,410	\$1,590
5kk	New Traffic Signal (Upgrade from Pedestrian Signal)	SFW at Countess St	N/A	N/A	\$159,000		100%	\$159,000	100%	\$159,000	\$1,590	\$157,410	\$1,590
5ll	Other Improvement - Intersection Improvement	Montvue Ave at W Railway St	N/A	N/A	\$1,000,000		100%	\$1,000,000	29%	\$290,000	\$2,900	\$287,100	\$712,900
2b	Overpass over Hwy 1 - principal	Hwy 1 Peardonville Overpass			\$47,463,000	MOTI	33%	\$15,821,000	100%	\$15,821,000	\$158,210	\$15,662,790	\$158,210
2bA	Overpass over Hwy 1 - interest ²	Hwy 1 Peardonville Overpass			\$3,509,953		100%	\$3,509,953	100%	\$3,509,953	\$35,100	\$3,474,853	\$35,100
2d	Capacity Improvements	Hwy 1 at Whatcom Interchange			\$7,384,000	MOTI	33%	\$2,461,333	100%	\$2,461,333	\$24,613	\$2,436,720	\$24,613
	Walking Improvement Projects				\$18,458,000		100%	\$18,458,000	29%	\$5,352,820	\$53,528	\$5,299,292	\$13,158,708
	Cycling Improvement Projects				\$13,185,000		100%	\$13,185,000	29%	\$3,823,650	\$38,237	\$3,785,414	\$9,399,587
	Transit Improvement Projects				\$5,274,000		100%	\$5,274,000	29%	\$1,529,460	\$15,295	\$1,514,165	\$3,759,835
	Transportation and Transit Master Plans (\$250,000 every 5 years)				\$1,319,000		100%	\$1,319,000	75%	\$989,250	\$9,893	\$979,358	\$339,643
	Other Transportation Studies				\$1,583,000		100%	\$1,583,000	100%	\$1,583,000	\$15,830	\$1,567,170	\$15,830
	Vedder Way/Gladys Ave Corridor Study	Projects 5e-5g Corridor Study	Cyril St	McClary Ave	\$250,000		100%	\$250,000	100%	\$250,000	\$2,500	\$247,500	\$2,500
	Marshall Rd Rail Overpass Study				\$250,000		100%	\$250,000	100%	\$250,000	\$2,500	\$247,500	\$2,500
	Total DCC Projects				\$368,132,906			\$299,926,174		\$208,453,724	\$2,084,537	\$206,369,187	\$93,556,987

CITY OF ABBOTSFORD
Draft City Sanitary Sewer DCC Program

11/25/2020

					Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Capital Project	Description	Location	Ex. Diameter (mm)	Upgrade Diameter (mm)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Sanitary Model & Master Plan Update	Studies				\$1,354,008	100%	\$ 1,354,008	\$ 13,540	\$ 1,340,468	\$13,540
1-675 (total)	Upsize & Replace	CYRIL ST. - C9	525	675	\$524,272	100%	\$ 524,272	\$ 5,243	\$ 519,029	\$5,243
1-900	Upsize & Replace	SOUTHERN RAILWAY OF B.C. - C9	750	900	\$24,914	100%	\$ 24,914	\$ 249	\$ 24,665	\$249
2-1050 (total)	Upsize & Replace	WEST RAILWAY / CYRIL ST	750	1050	\$1,934,607	100%	\$ 1,934,607	\$ 19,346	\$ 1,915,261	\$19,346
3-675 (total)	Upsize & Replace	MOREY AVE / HWY 11	450	675	\$205,809	100%	\$ 205,809	\$ 2,058	\$ 203,751	\$2,058
3-900 (total)	Upsize & Replace	WEST RAILWAY / MOREY AVE	600	900	\$746,329	100%	\$ 746,329	\$ 7,463	\$ 738,866	\$7,463
6-450	Upsize & Replace	SOUTH FRASER WAY - D6	300	450	\$120,236	100%	\$ 120,236	\$ 1,202	\$ 119,034	\$1,202
6-375	Upsize & Replace	HIGHWAY NO. 1 - D6	300	375	\$103,988	100%	\$ 103,988	\$ 1,040	\$ 102,948	\$1,040
6-450	Upsize & Replace	SOUTH FRASER WAY - D6	300	450	\$138,650	100%	\$ 138,650	\$ 1,387	\$ 137,264	\$1,387
7-375 (total)	Upsize & Replace	WHEEL AVE / TOWNLINE	200	375	\$358,541	100%	\$ 358,541	\$ 3,585	\$ 354,956	\$3,585
14-525	Upsize & Replace	PICTON ST. - E9	200	525	\$89,906	100%	\$ 89,906	\$ 899	\$ 89,007	\$899
18-750 (total)	Upsize & Replace	CANADIAN PACIFIC RAILWAY - E9	600	750	\$49,828	100%	\$ 49,828	\$ 498	\$ 49,329	\$498
19-250 (total)	Upsize & Replace	BEVAN AVE / GODSON CT	200	250	\$305,464	100%	\$ 305,464	\$ 3,055	\$ 302,410	\$3,055
20-375 (total)	Upsize & Replace	MAYFAIR AVE. - C8	300	375	\$869,815	100%	\$ 869,815	\$ 8,698	\$ 861,117	\$8,698
20-450 (total)	Upsize & Replace	BEVAN AVE / MAYFAIR AVE	300	450	\$316,296	100%	\$ 316,296	\$ 3,163	\$ 313,133	\$3,163
53-525	Upsize & Replace	CYRIL ST. - C9	375	525	\$131,068	100%	\$ 131,068	\$ 1,311	\$ 129,757	\$1,311
67-375 (total)	Upsize & Replace	WESTVIEW BLVD / WHATCOM RD	250	375	\$384,538	100%	\$ 384,538	\$ 3,845	\$ 380,693	\$3,845
76-250	Upsize & Replace	MAYFAIR AVE. - C8	200	250	\$193,894	100%	\$ 193,894	\$ 1,939	\$ 191,955	\$1,939
84-750 (total)	DIVERT NCTC	TOWNLINE RD		750	\$1,150,365	100%	\$ 1,150,365	\$ 11,504	\$ 1,138,862	\$11,504
88-200	New Service	BRADNER RD & MACLURE RD - E3/E4			\$451,697	100%	\$ 451,697	\$ 4,517	\$ 447,180	\$4,517
108-300	Upsize & Replace	E. KING CONNECTOR (UDISTRICT) - C9	250	300	\$74,741	100%	\$ 74,741	\$ 747	\$ 73,994	\$747
109-300 (total)	Upsize & Replace	S. HIGHWAY NO.1 (UDISTRICT) - C9	250	300	\$105,071	100%	\$ 105,071	\$ 1,051	\$ 104,020	\$1,051
110-300	Upsize & Replace	S. HIGHWAY NO.1 (UDISTRICT) - C9	250	300	\$37,912	100%	\$ 37,912	\$ 379	\$ 37,533	\$379
111-375	Upsize & Replace	W. SALTON RD (UDISTRICT) - C9	300	300	\$83,407	100%	\$ 83,407	\$ 834	\$ 82,573	\$834
112-200	New Service	KIMBERLEY ST (UDISTRICT) - B8			\$42,245	100%	\$ 42,245	\$ 422	\$ 41,823	\$422
113-200	New Service	E. SALTON RD (UDISTRICT) - C9			\$90,989	100%	\$ 90,989	\$ 910	\$ 90,079	\$910
115-1800	New Service	JAMES WWTP DIVERSION - H7			\$2,623,527	100%	\$ 2,623,527	\$ 26,235	\$ 2,597,291	\$26,235
117-600 (total)	Upsize & Replace	NORTH OF HAZELWOOD AVE - E9	525	600	\$1,135,201	100%	\$ 1,135,201	\$ 11,352	\$ 1,123,849	\$11,352
77-500x2	Upsize & Replace	Lonzo Forcemain - Riverside Rd to Cyril St - C9	300 x 2	500 x 2	\$1,847,951	100%	\$ 1,847,951	\$ 18,480	\$ 1,829,471	\$18,480
84-450x2	Diversion (FM for Fishtrap PS)	NCTS Diversion - Maclure Rd to Clinton Ave - D6/E7	-	450 x 2	\$5,772,408	100%	\$ 5,772,408	\$ 57,724	\$ 5,714,684	\$57,724
88-100	New Service	Bradner Forcemain - Bradner & Maclure to Fraser Hwy - D3	-	100	\$246,971	100%	\$ 246,971	\$ 2,470	\$ 244,501	\$2,470
78-PSE	Pump Station Upgrade	Lonzo PS - 1700 blk. Riverside Rd - C9	112	3 x 112 kW	\$2,875,914	100%	\$ 2,875,914	\$ 28,759	\$ 2,847,155	\$28,759
79-PSE	Pump Station Upgrade	Queen PS - 2013 Queen St - C5			\$414,000	100%	\$ 414,000	\$ 4,140	\$ 409,860	\$4,140
81-PSE	Pump Station Upgrade	East Delair PS - 35440 Delair Rd - C11	52	Add 3rd 52 kW	\$334,711	100%	\$ 334,711	\$ 3,347	\$ 331,364	\$3,347
82-PSE	Pump Station Upgrade	Bateman PS - 34588 Bateman Rd - E10	15	2 x 35 kW	\$1,446,081	100%	\$ 1,446,081	\$ 14,461	\$ 1,431,620	\$14,461
114-PSE	Pump Station Upgrade	King PS - 1513 College Dr - B9	6	2 x 5.6 kW	\$41,162	100%	\$ 41,162	\$ 412	\$ 40,750	\$412
84-PSN	New Pump Station	Fishtrap PS - Townline Rd & De Havilland Cr - D5	-	2 x 75 kW	\$3,462,896	100%	\$ 3,462,896	\$ 34,629	\$ 3,428,267	\$34,629
88-PSN	New Pump Station	Bradner PS - Bradner Rd & Maclure Rd - E3	-		\$671,588	100%	\$ 671,588	\$ 6,716	\$ 664,872	\$6,716
84-DIV1	Install diversion chamber with overflow weir	NCTS - Townline Rd & Gardner Ave - D5	900	750, 900	\$162,481	100%	\$ 162,481	\$ 1,625	\$ 160,856	\$1,625

CITY OF ABBOTSFORD
Draft City Sanitary Sewer DCC Program

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Capital Project	Description	Location	Ex. Diameter (mm)	Upgrade Diameter (mm)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
84-DIV2	Install diversion chamber with overflow weir	South Clearbrook Trunk - Townline Rd N of Livingstone Ave - D5	1050	750, 1050	\$97,489	100%	\$ 97,489	\$ 975	\$ 96,514	\$975
84-JUN	Junction chamber	NCTS - Trethewey Ave & Clinton Ave - E7	500, 500	700	\$162,481	100%	\$ 162,481	\$ 1,625	\$ 160,856	\$1,625
Gladwin Siphon	Gladwin Siphon Inlet, Odour Control, outlet chamber				\$1,788,001	42%	\$ 750,961	\$ 7,510	\$ 743,451	\$1,044,550
Total DCC Projects					\$32,971,455		\$ 31,934,413	\$ 319,344	\$ 31,615,069	\$1,356,385



CITY OF ABBOTSFORD
Draft Joint Wastewater DCC Program

11/25/2020

				Col. (1)	Col. (2)	Col. (3) = Col. (1) x Col. (2)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
DCC ID	Description	Type	Location	Total Capital and Land Cost Estimate (2020 \$) - Abbotsford's Portion	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
19P-4767	Phase 1 - Seismic Ground Improvements - West Expansion Area	Plant Resiliency Seismic & Flood Proofing	West Site - WWTP	\$73,961,526	50%	\$ 36,980,763	\$ 369,808	\$ 36,610,955	\$37,350,570
19P-4768	Phase 2 - Division 1	Seismic & Capacity	West Site - WWTP	\$6,603,694	50%	\$ 3,301,847	\$ 33,018	\$ 3,268,828	\$3,334,865
19P-4769	Phase 2 - Siteworks	Seismic & Capacity	West Site - WWTP	\$6,436,512	50%	\$ 3,218,256	\$ 32,183	\$ 3,186,073	\$3,250,438
19P-4770	Phase 2 - Influent Pump Station	Seismic & Capacity	West Site - WWTP	\$17,888,487	50%	\$ 8,944,243	\$ 89,442	\$ 8,854,801	\$9,033,686
19P-4771	Phase 2 - Headworks Screening & Grit	Seismic & Capacity	West Site - WWTP	\$7,690,377	50%	\$ 3,845,189	\$ 38,452	\$ 3,806,737	\$3,883,641
19P-4772	Phase 2 - Primary Sedimentation	Seismic & Capacity	West Site - WWTP	\$13,541,752	50%	\$ 6,770,876	\$ 67,709	\$ 6,703,167	\$6,838,585
19P-4773	Phase 2 - Bioreactors	Seismic & Capacity	West Site - WWTP	\$35,497,983	50%	\$ 17,748,991	\$ 177,490	\$ 17,571,502	\$17,926,481
19P-4774	Phase 2 - Electrical and Controls	Seismic & Capacity	West Site - WWTP	\$15,046,391	50%	\$ 7,523,195	\$ 75,232	\$ 7,447,963	\$7,598,427
19P-4775	Phase 2 - Administration building, blower room & Workshop	Seismic & Capacity	West Site - WWTP	\$3,928,780	50%	\$ 1,964,390	\$ 19,644	\$ 1,944,746	\$1,984,034
PARTIAL 19P-4786, 19P-4787, 19P-4788, 19P-4789	Phase 3a - Partial costs for Division 1, Secondary Clarifiers, Flow Spitter Box & Sludge Pumping, Electrical and Controls	Seismic & Capacity	West Site - WWTP	\$10,958,986	42%	\$ 4,602,774	\$ 46,028	\$ 4,556,746	\$6,402,240
	Capital Projects - Add 500 kW Standby Generator #2	Upgrade	Current Site - WWTP	\$496,402	50%	\$ 248,201	\$ 2,482	\$ 245,719	\$250,683
	Capital Projects - Add Electrical Feeder Line #2	Upgrade	Current Site - WWTP	\$685,091	50%	\$ 342,546	\$ 3,425	\$ 339,120	\$345,971
	Capital Projects - Allowance for SCADA and Electrical Upgrades	Upgrade	Current Site - WWTP	\$2,039,027	50%	\$ 1,019,513	\$ 10,195	\$ 1,009,318	\$1,029,708
	Capital Projects - Odour (H2S) Audit	Audits	Current Site - WWTP	\$608,573	50%	\$ 304,286	\$ 3,043	\$ 301,243	\$307,329
	Biosolids Management Plan	Studies		\$278,752	50%	\$ 139,376	\$ 1,394	\$ 137,982	\$140,770
	Liquid Train: Inlet, Primary & Secondary Treatment Study	Studies		\$420,284	50%	\$ 210,142	\$ 2,101	\$ 208,041	\$212,244
	Chemically-Enhanced Primary Treatment (CEPT)	Upgrade	Current Site - WWTP	\$839,702	50%	\$ 419,851	\$ 4,199	\$ 415,652	\$424,049
	Joint Wastewater Master Plans (\$300,000 every 5 years)	Studies		\$1,254,158	50%	\$ 627,079	\$ 6,271	\$ 620,808	\$633,350
Total DCC Projects				\$198,176,476		\$ 98,211,519	\$ 982,115	\$ 97,229,404	\$100,947,072

CITY OF ABBOTSFORD
Draft City Water DCC Program

					Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Project ID	Description	Type	Ex. Diameter (mm)	Upgrade Diameter (mm)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
	Update Lifeline Study	Study Update			\$270,802	25%	\$67,700	\$677	\$67,023	\$203,778
	Water Master Plan (\$200,000 every 5 years)	Study Update			\$1,083,207	100%	\$1,083,207	\$10,832	\$1,072,375	\$10,832
1 (total)	Const 350mm temp booster connection to 400mm Zone 365 supply main	Storage			\$580,851	100%	\$580,851	\$5,809	\$575,042	\$5,809
2 (total)	Construct Zone 365 Supply Main (Design & Construct)	Storage			\$3,726,581	100%	\$3,726,581	\$37,266	\$3,689,315	\$37,266
3 (total)	McKee Rd No. 2 Reservoir (0.75 MG) (Zone 356) - Design and Construct	Storage			\$2,053,209	100%	\$2,053,209	\$20,532	\$2,032,677	\$20,532
4 (total)	McKee Rd No. 2 Water Main (Zone 356 Supply Main) - Westbury to new reservoir (D/C)	Storage			\$1,148,648	100%	\$1,148,648	\$11,486	\$1,137,162	\$11,486
5 (total)	New Cell at McKee Zone 237 Reservoir - Construction	Storage			\$3,631,295	100%	\$3,631,295	\$36,313	\$3,594,982	\$36,313
2a	SALTON RD	Pipe Upgrade	250	300	\$10,673	8%	\$889	\$9	\$881	\$9,793
2b (total)	SALTON RD	Pipe Upgrade	200	300	\$330,200	14%	\$45,027	\$450	\$44,577	\$285,623
9 (total)	SOUTH FRASER WAY/ MATSQUI	Pipe Upgrade	150	300	\$594,580	14%	\$81,079	\$811	\$80,268	\$514,311
10 (total)	DEACON ST	New Pipe Loop	N/A	300	\$665,173	100%	\$665,173	\$6,652	\$658,521	\$6,652
14a	PEARDONVILLE RD	Asset Replacement Program - Upsized	150	400	\$20,591	26%	\$5,447	\$54	\$5,392	\$15,199
14b (total)	PEARDONVILLE RD	Pipe Upgrade	150	300	\$1,230,192	100%	\$1,230,192	\$12,302	\$1,217,890	\$12,302
14c (total)	PEARDONVILLE RD / LIVINGSTONE AVE / SOUTH FRASER WAY	Pipe Upgrade	200	400	\$989,253	100%	\$989,253	\$9,893	\$979,361	\$9,893
33 (total)	MARSHALL RD	Asset Replacement Program - Upsized	300	400	\$2,611,048	15%	\$387,446	\$3,874	\$383,571	\$2,227,477
43 (total)	JACKSON ST	Asset Replacement Program - Upsized	200	300	\$376,078	14%	\$51,283	\$513	\$50,771	\$325,307
52 (total)	GEORGE FERGUSON WAY	Asset Replacement Program - Upsized	150	300	\$531,834	14%	\$72,523	\$725	\$71,798	\$460,037
75a (total)	IMMEL ST / OLD CLAYBURN RD	Asset Replacement Program - Upsized	150	250	\$261,709	6%	\$15,140	\$151	\$14,989	\$246,720
75b (total)	IMMEL ST / OLD CLAYBURN RD	Asset Replacement Program - Upsized	200	250	\$37,896	6%	\$2,192	\$22	\$2,170	\$35,726
75c (total)	IMMEL ST	Pipe Upgrade	150	250	\$288,800	6%	\$16,707	\$167	\$16,540	\$272,259
84 (total)	MARSHALL RD	Pipe Upgrade	150	300	\$120,965	14%	\$16,495	\$165	\$16,330	\$104,365
90 (total)	VYE RD	Asset Replacement Program - Upsized	100	300	\$3,819,831	14%	\$520,886	\$5,209	\$515,677	\$3,304,154
117	CANNON AVE	New Pipe Loop	N/A	300	\$77,086	100%	\$77,086	\$771	\$76,315	\$771
121(total)	MCCALLUM RD	New Pipe Loop	N/A	300	\$337,559	100%	\$337,559	\$3,376	\$334,184	\$3,376
122a (total)	MCCALLUM RD	Asset Replacement Program - Upsized	100	300	\$323,064	14%	\$44,054	\$441	\$43,614	\$279,451
122b (total)	MCCALLUM RD	Asset Replacement Program - Upsized	150	300	\$510,145	14%	\$69,565	\$696	\$68,870	\$441,275
122c (total)	MCCALLUM RD	Asset Replacement Program - Upsized	200	300	\$181,804	14%	\$24,791	\$248	\$24,544	\$157,261
134 (total)	GEORGE FERGUSON WAY	Asset Replacement Program - Upsized	150	300	\$384,457	14%	\$52,426	\$524	\$51,902	\$332,556
149 (total)	FRASER HWY	Pipe Upgrade	250	400	\$2,046,473	100%	\$2,046,473	\$20,465	\$2,026,008	\$20,465
183 (total)	OLD YALE RD	Asset Replacement Program - Upsized	250	300	\$838,255	8%	\$69,855	\$699	\$69,156	\$769,099
185 (total)	OLD YALE RD	Asset Replacement Program - Upsized	250	300	\$805,046	8%	\$67,087	\$671	\$66,416	\$738,630
186 (total)	MCMILLAN RD	Asset Replacement Program - Upsized	250	300	\$692,423	8%	\$57,702	\$577	\$57,125	\$635,298
189a	OLD YALE RD	Asset Replacement Program - Upsized	100	300	\$4,437	14%	\$605	\$6	\$599	\$3,838
189b (total)	OLD YALE RD	Asset Replacement Program - Upsized	250	300	\$1,415,567	8%	\$117,964	\$1,180	\$116,784	\$1,298,783
191 (total)	MCMILLAN RD	Asset Replacement Program - Upsized	200	300	\$445,982	14%	\$60,816	\$608	\$60,208	\$385,775
193 (total)	MCMILLAN RD	Asset Replacement Program - Upsized	150	300	\$654,662	14%	\$89,272	\$893	\$88,379	\$566,282
Total DCC Projects					\$33,100,376		\$19,506,480	\$195,065	\$19,311,415	\$13,788,690



CITY OF ABBOTSFORD
Draft Joint Water DCC Program

11/25/2020

			Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
DCC ID	Description	Location	Total Capital and Land Cost Estimate (2020 \$) - Abbotsford's Portion	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
	Optimize Regional Infrastructure - Expansion of Dickson Lake	AMWSC	\$8,604,994	29%	\$2,495,448	\$24,954	\$2,470,494	\$6,134,500
	Optimize Regional Infrastructure - Maintain Cannell Control Plan	AMWSC	\$1,720,999	29%	\$499,090	\$4,991	\$494,099	\$1,226,900
	Optimize Regional Infrastructure - Zone 4/Cannell Storage Tank	AMWSC	\$12,907,491	29%	\$3,743,172	\$37,432	\$3,705,741	\$9,201,750
	Protect Against System Vulnerabilities - upgrade security systems	AMWSC	\$430,250	29%	\$124,772	\$1,248	\$123,525	\$306,725
	Protect Against System Vulnerabilities - seismic retrofit at norrish	AMWSC	\$4,474,597	29%	\$1,297,633	\$12,976	\$1,284,657	\$3,189,940
	Protect Against System Vulnerabilities - seismic assessment + design guides	AMWSC	\$86,050	29%	\$24,954	\$250	\$24,705	\$61,345
	New Collector Well and Low Lift Pump Station, New WTP and High Lift Pump Station (Phase 1) - principal	AMWSC	\$63,160,655	100%	\$63,160,655	\$631,607	\$62,529,049	\$631,607
	New Collector Well and Low Lift Pump Station, New WTP and High Lift Pump Station (Phase 1) - interest ¹	AMWSC	\$16,747,129	100%	\$16,747,129	\$167,471	\$16,579,658	\$167,471
	New Collector Well Low Lift Pump Station, WTP and High Lift Pump Station Upgrades (Phase 2)	AMWSC	\$10,325,993	100%	\$10,325,993	\$103,260	\$10,222,733	\$103,260
	Joint Water Master Plans (\$400,000 every five years)	AMWSC	\$1,720,999	100%	\$1,720,999	\$17,210	\$1,703,789	\$17,210
	Total DCC Projects		\$120,179,156		\$100,139,846	\$1,001,398	\$99,138,447	\$21,040,708



CITY OF ABBOTSFORD
Draft Drainage DCC Program

11/25/2020

					Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Storm Sewer	3500 BLOCK & BASSANO TERRACE	450	900	19.757717	\$ 73,441	31%	\$ 22,767	\$ 228	\$ 22,539	\$ 50,902
Storm Sewer	35000 BLOCK & SANDY HILL RD	675	1050	28.816573	\$ 104,746	31%	\$ 32,471	\$ 325	\$ 32,147	\$ 72,600
Storm Sewer	3900 BLOCK & CLEARBROOK RD	600	1050	27	\$ 235,922	31%	\$ 73,136	\$ 731	\$ 72,405	\$ 163,518
Storm Sewer	34000 BLOCK & DELAIR RD	380	525	63.5	\$ 115,362	31%	\$ 35,762	\$ 358	\$ 35,404	\$ 79,957
Culverts/Bridges	35000 BLOCK & STRAITON RD	2320	3600x2400	19.247	\$ 921,917	31%	\$ 285,794	\$ 2,858	\$ 282,936	\$ 638,981
Culverts/Bridges	4600 BLOCK & SUMAS MOUNTAIN RD	900	1800	12.015	\$ 275,893	31%	\$ 85,527	\$ 855	\$ 84,671	\$ 191,221
Culverts/Bridges	34000 BLOCK & GLADYS AVE	900	1650	23.6	\$ 349,442	31%	\$ 108,327	\$ 1,083	\$ 107,244	\$ 242,199
Culverts/Bridges	700 BLOCK & RIVERSIDE RD	900	2100	24	\$ 454,297	31%	\$ 140,832	\$ 1,408	\$ 139,424	\$ 314,873
Culverts/Bridges	300 BLOCK & RIVERSIDE RD	600	1350	20	\$ 144,500	31%	\$ 44,795	\$ 448	\$ 44,347	\$ 100,153
Culverts/Bridges	300 BLOCK & SUMAS WAY	600	1200	20.8	\$ 230,831	31%	\$ 71,558	\$ 716	\$ 70,842	\$ 159,989
Culverts/Bridges	200 BLOCK & SUMAS WAY	600	1350	16	\$ 234,081	31%	\$ 72,565	\$ 726	\$ 71,839	\$ 162,242
Culverts/Bridges	34000 BLOCK & VYE RD	600	1350	17	\$ 240,580	31%	\$ 74,580	\$ 746	\$ 73,834	\$ 166,746
Culverts/Bridges	34000 BLOCK & VYE RD	450	1200	16	\$ 205,159	31%	\$ 63,599	\$ 636	\$ 62,963	\$ 142,196
Culverts/Bridges	35000 BLOCK & CASSIAR AVE	300	3050	13.583	\$ 611,145	31%	\$ 189,455	\$ 1,895	\$ 187,560	\$ 423,585
Culverts/Bridges	34000 BLOCK & GLADYS AVE	1350	1650	44.1	\$ 509,215	31%	\$ 157,857	\$ 1,579	\$ 156,278	\$ 352,937
Culverts/Bridges	3328 MCKEE DR	1500	2700	12.414	\$ 532,721	31%	\$ 165,144	\$ 1,651	\$ 163,492	\$ 369,229
Culverts/Bridges	35000 BLOCK & MCKEE RD	300	500	25.99	\$ 147,641	31%	\$ 45,769	\$ 458	\$ 45,311	\$ 102,330
Culverts/Bridges	34000 BLOCK & VYE RD	750	1050	25.1	\$ 131,935	31%	\$ 40,900	\$ 409	\$ 40,491	\$ 91,444
Channel Upgrades	4200 BLOCK & WRIGHT ST				\$ 176,032	31%	\$ 54,570	\$ 546	\$ 54,024	\$ 122,008
Channel Upgrades	4200 BLOCK & WRIGHT ST				\$ 324,962	31%	\$ 100,738	\$ 1,007	\$ 99,731	\$ 225,231
Channel Upgrades	34000 BLOCK & CLAYBURN RD				\$ 60,192	31%	\$ 18,659	\$ 187	\$ 18,473	\$ 41,719
Channel Upgrades	CLAYBURN RD				\$ 396,356	31%	\$ 122,870	\$ 1,229	\$ 121,642	\$ 274,714
Channel Upgrades	CLAYBURN RD				\$ 766,591	31%	\$ 237,643	\$ 2,376	\$ 235,267	\$ 531,324
Urban Creek Stabilization	2100 BLOCK & SUMAS WAY, MIRUS DR				\$ 812,405	31%	\$ 251,846	\$ 2,518	\$ 249,327	\$ 563,078
Miscellaneous	2100 BLOCK & SUMAS WAY, MIRUS DR				\$ 741,997	31%	\$ 230,019	\$ 2,300	\$ 227,719	\$ 514,278
Storm Sewer	35000 BLOCK & SANDY HILL RD	375	525	38.0	\$ 73,766	31%	\$ 22,868	\$ 229	\$ 22,639	\$ 51,127
Storm Sewer	35000 BLOCK & SANDY HILL RD	600	675	118.3	\$ 269,394	31%	\$ 83,512	\$ 835	\$ 82,677	\$ 186,717
Storm Sewer	35000 BLOCK & SANDY HILL RD	375	450	4.0	\$ 5,308	31%	\$ 1,645	\$ 16	\$ 1,629	\$ 3,679
Storm Sewer	1200 BLOCK & SUMAS WAY	530	750	29.5	\$ 244,913	31%	\$ 75,923	\$ 759	\$ 75,164	\$ 169,749
Storm Sewer	2200 BLOCK & BASSANO TERRACE	450	525	22.2	\$ 52,752	31%	\$ 16,353	\$ 164	\$ 16,190	\$ 36,563
Storm Sewer	3900 BLOCK & COACHSTONE WAY	525	900	80.7	\$ 221,841	31%	\$ 68,771	\$ 688	\$ 68,083	\$ 153,758
Storm Sewer	34000 BLOCK & LABURNUM AVE	350	525	112.1	\$ 167,897	31%	\$ 52,048	\$ 520	\$ 51,528	\$ 116,369
Storm Sewer	34000 BLOCK & LABURNUM AVE	375	675	50.2	\$ 128,902	31%	\$ 39,959	\$ 400	\$ 39,560	\$ 89,342
Storm Sewer	34000 BLOCK & LABURNUM AVE	375	600	9.5	\$ 37,912	31%	\$ 11,753	\$ 118	\$ 11,635	\$ 26,277
Storm Sewer	3400 BLOCK & WRIGHT ST	375	675	52.4	\$ 121,536	31%	\$ 37,676	\$ 377	\$ 37,299	\$ 84,236
Storm Sewer	34000 BLOCK & LABURNUM AVE	375	750	99.3	\$ 212,958	31%	\$ 66,017	\$ 660	\$ 65,357	\$ 147,601
Storm Sewer	34000 BLOCK & LABURNUM AVE	375	750	40.4	\$ 98,139	31%	\$ 30,423	\$ 304	\$ 30,119	\$ 68,020
Storm Sewer	3500 BLOCK & MONASHEE ST	450	675	18.7	\$ 98,680	31%	\$ 30,591	\$ 306	\$ 30,285	\$ 68,395
Storm Sewer	35000 BLOCK & EXBURY AVE	525	900	30.0	\$ 107,129	31%	\$ 33,210	\$ 332	\$ 32,878	\$ 74,251
Storm Sewer	34000 BLOCK & INDUSTRIAL WAY	530	900	27.6	\$ 101,063	31%	\$ 31,330	\$ 313	\$ 31,016	\$ 70,047
Culverts/Bridges	MCKEE RD	1200	1800	58.535	\$ 654,582	31%	\$ 202,920	\$ 2,029	\$ 200,891	\$ 453,691
Culverts/Bridges	4600 BLOCK & SUMAS MOUNTAIN RD	600 & 250	600	42.798	\$ 219,133	31%	\$ 67,931	\$ 679	\$ 67,252	\$ 151,881
Culverts/Bridges	FORREST TERRACE	750	1200	78.3	\$ 477,369	31%	\$ 147,984	\$ 1,480	\$ 146,505	\$ 330,865
Culverts/Bridges	4300 BLOCK & BLAUSON BLVD	600	900	34.499	\$ 341,643	31%	\$ 105,909	\$ 1,059	\$ 104,850	\$ 236,793
Culverts/Bridges	3500 BLOCK & OLD CLAYBURN RD	700	1200	25.288	\$ 285,967	31%	\$ 88,650	\$ 886	\$ 87,763	\$ 198,203
Culverts/Bridges	37000 VYE RD		3600x4100	22.2	\$ 915,960	31%	\$ 283,947	\$ 2,839	\$ 281,108	\$ 634,852
Culverts/Bridges	34000 BLOCK & BATEMAN RD	600	N/A	N/A	\$ 141,034	31%	\$ 43,720	\$ 437	\$ 43,283	\$ 97,750
Culverts/Bridges	35000 BLOCK & MCKEE RD	600	750	46.542	\$ 356,700	31%	\$ 110,577	\$ 1,106	\$ 109,471	\$ 247,229
Culverts/Bridges	RIVERSIDE RD	600	1200	23.4	\$ 194,219	31%	\$ 60,208	\$ 602	\$ 59,606	\$ 134,613
Channel Upgrades	4300 BLOCK & WRIGHT ST				\$ 620,087	31%	\$ 192,227	\$ 1,922	\$ 190,305	\$ 429,782
Urban Creek Stabilization	MIRUS DR				\$ 52,288	31%	\$ 16,209	\$ 162	\$ 16,047	\$ 36,241
Urban Creek Stabilization	2200 BLOCK & LUMAR PL				\$ 26,144	31%	\$ 8,105	\$ 81	\$ 8,024	\$ 18,120
Urban Creek Stabilization	36000 BLOCK & LOWER SUMAS MTN RD				\$ 26,144	31%	\$ 8,105	\$ 81	\$ 8,024	\$ 18,120
Urban Creek Stabilization	35000 BLOCK & STRAITON RD				\$ 86,657	31%	\$ 26,864	\$ 269	\$ 26,595	\$ 60,062

CITY OF ABBOTSFORD
Draft Drainage DCC Program

11/25/2020

					Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Urban Creek Stabilization	35600 BLOCK & MERCER AVE				\$ 2,025,328	31%	\$ 627,852	\$ 6,279	\$ 621,573	\$ 1,403,755
Storm Sewer	35000 BLOCK & MCKEE RD	250	525	91.411146	\$ 144,500	31%	\$ 44,795	\$ 448	\$ 44,347	\$ 100,153
Storm Sewer	35000 BLOCK & LABURNUM AVE	200	450	38.985188	\$ 69,217	31%	\$ 21,457	\$ 215	\$ 21,243	\$ 47,974
Storm Sewer	35000 BLOCK & LABURNUM AVE	375	900	17.493377	\$ 75,500	31%	\$ 23,405	\$ 234	\$ 23,171	\$ 52,329
Storm Sewer	3500 BLOCK & MCKINLEY DR	300	600	6.973592	\$ 44,736	31%	\$ 13,868	\$ 139	\$ 13,730	\$ 31,007
Storm Sewer	3800 BLOCK & OLD CLAYBURN RD	300	450	26.499957	\$ 46,795	31%	\$ 14,506	\$ 145	\$ 14,361	\$ 32,433
Storm Sewer	34000 BLOCK & HIGH DR	300	450	127.676871	\$ 180,787	31%	\$ 56,044	\$ 560	\$ 55,484	\$ 125,304
Storm Sewer	35000 BLOCK & HIGH DR	300	450	116.084857	\$ 165,406	31%	\$ 51,276	\$ 513	\$ 50,763	\$ 114,643
Storm Sewer	35000 BLOCK & HIGH DR	300	450	43.874479	\$ 69,867	31%	\$ 21,659	\$ 217	\$ 21,442	\$ 48,425
Storm Sewer	33000 BLOCK & SHELLEY AVE	200	675	102.9	\$ 426,134	31%	\$ 132,101	\$ 1,321	\$ 130,780	\$ 295,353
Storm Sewer	1600 BLOCK & HIGHVIEW ST	450	675	102.2	\$ 230,181	31%	\$ 71,356	\$ 714	\$ 70,643	\$ 159,539
Storm Sewer	3900 BLOCK & COACHSTONE WAY	600	900	81.506712	\$ 223,899	31%	\$ 69,409	\$ 694	\$ 68,715	\$ 155,184
Storm Sewer	4000 BLOCK & OLD CLAYBURN RD	600	900	29.48923	\$ 105,829	31%	\$ 32,807	\$ 328	\$ 32,479	\$ 73,350
Storm Sewer	3900 BLOCK & COACHSTONE WAY	525	900	57.178336	\$ 162,264	31%	\$ 50,302	\$ 503	\$ 49,799	\$ 112,465
Storm Sewer	36000 BLOCK & MCKEE RD	150	675	3.000023	\$ 37,046	31%	\$ 11,484	\$ 115	\$ 11,369	\$ 25,676
Storm Sewer	4400 BLOCK & BLAUSON BLVD	250	375	70.723925	\$ 105,396	31%	\$ 32,673	\$ 327	\$ 32,346	\$ 73,050
Storm Sewer	4400 BLOCK & BLAUSON BLVD	250	450	8.983416	\$ 35,313	31%	\$ 10,947	\$ 109	\$ 10,837	\$ 24,475
Storm Sewer	4400 BLOCK & BLAUSON BLVD	250	600	2.999986	\$ 24,589	31%	\$ 7,623	\$ 76	\$ 7,546	\$ 17,042
Storm Sewer	35000 BLOCK & STRAITON RD	200	375	27.468346	\$ 71,492	31%	\$ 22,162	\$ 222	\$ 21,941	\$ 49,551
Storm Sewer	35000 BLOCK & STRAITON RD	200	375	25.0001	\$ 50,694	31%	\$ 15,715	\$ 157	\$ 15,558	\$ 35,136
Storm Sewer	3400 BLOCK & WHATCOM RD	450	675	28.933588	\$ 87,523	31%	\$ 27,132	\$ 271	\$ 26,861	\$ 60,662
Storm Sewer	3400 BLOCK & WHATCOM RD	450	675	2.075581	\$ 27,513	31%	\$ 8,529	\$ 85	\$ 8,444	\$ 19,070
Storm Sewer	36000 BLOCK & STEPHEN LEACOCK DR	300	600	36.399168	\$ 102,038	31%	\$ 31,632	\$ 316	\$ 31,315	\$ 70,723
Storm Sewer	36000 BLOCK & STEPHEN LEACOCK DR	300	525	33.599201	\$ 65,426	31%	\$ 20,282	\$ 203	\$ 20,079	\$ 45,347
Storm Sewer	3500 BLOCK & MONASHEE ST	450	675	26.173162	\$ 71,817	31%	\$ 22,263	\$ 223	\$ 22,041	\$ 49,776
Storm Sewer	35000 BLOCK & SKEENA AVE	450	675	26.232574	\$ 71,925	31%	\$ 22,297	\$ 223	\$ 22,074	\$ 49,851
Storm Sewer	35000 BLOCK & EXBURY AVE	525	750	35.204176	\$ 91,964	31%	\$ 28,509	\$ 285	\$ 28,224	\$ 63,740
Storm Sewer	4300 BLOCK & SHEARWATER DR	250	525	26.498143	\$ 66,292	31%	\$ 20,551	\$ 206	\$ 20,345	\$ 45,947
Storm Sewer	1900 BLOCK & SUMAS WAY	300	675	111.2	\$ 247,729	31%	\$ 76,796	\$ 768	\$ 76,028	\$ 171,701
Storm Sewer	4400 BLOCK & BLAUSON BLVD	450	600	16.23679	\$ 50,369	31%	\$ 15,614	\$ 156	\$ 15,458	\$ 34,911
Storm Sewer	34000 BLOCK & LABURNUM AVE	250	375	57.887874	\$ 88,390	31%	\$ 27,401	\$ 274	\$ 27,127	\$ 61,263
Storm Sewer	34000 BLOCK & IMMEL ST	375	525	61.376754	\$ 112,545	31%	\$ 34,889	\$ 349	\$ 34,540	\$ 78,005
Storm Sewer	34000 BLOCK & ASCOTT AVE	300	450	79.486503	\$ 116,986	31%	\$ 36,266	\$ 363	\$ 35,903	\$ 81,083
Storm Sewer	3400 BLOCK & SUSSEX ST	350	525	54.904109	\$ 103,988	31%	\$ 32,236	\$ 322	\$ 31,914	\$ 72,074
Storm Sewer	35000 BLOCK & ANGUS CR	450	600	16.833457	\$ 64,018	31%	\$ 19,845	\$ 198	\$ 19,647	\$ 44,371
Storm Sewer	34000 BLOCK & HIGH DR	300	450	18.492683	\$ 36,179	31%	\$ 11,216	\$ 112	\$ 11,103	\$ 25,076
Storm Sewer	33000 BLOCK & KING RD	530	750	82.5	\$ 191,836	31%	\$ 59,469	\$ 595	\$ 58,874	\$ 132,961
Storm Sewer	32000 BLOCK & CLINTON AVE	600	1050	217	\$ 595,655	31%	\$ 184,653	\$ 1,847	\$ 182,807	\$ 412,849
Storm Sewer	3900 BLOCK & COACHSTONE WAY	525	900	76.997144	\$ 212,525	31%	\$ 65,883	\$ 659	\$ 65,224	\$ 147,301
Storm Sewer	35000 BLOCK & STRAITON RD	200	600	11.948379	\$ 54,485	31%	\$ 16,890	\$ 169	\$ 16,722	\$ 37,764
Storm Sewer	35000 BLOCK & STRAITON RD	200	600	39.85152	\$ 108,754	31%	\$ 33,714	\$ 337	\$ 33,377	\$ 75,377
Storm Sewer	35000 BLOCK & STRAITON RD	200	525	37.345618	\$ 57,302	31%	\$ 17,764	\$ 178	\$ 17,586	\$ 39,716
Storm Sewer	36000 BLOCK & STEPHEN LEACOCK DR	300	525	10.599931	\$ 34,879	31%	\$ 10,813	\$ 108	\$ 10,704	\$ 24,175
Storm Sewer	3800 BLOCK & OLD CLAYBURN RD	450	600	75.500017	\$ 178,187	31%	\$ 55,238	\$ 552	\$ 54,686	\$ 123,502
Storm Sewer	31000 BLOCK & BLUERIDGE DR	450	600	138	\$ 252,820	31%	\$ 78,374	\$ 784	\$ 77,591	\$ 175,230
Storm Sewer	33000 BLOCK & KING RD	380	525	91	\$ 151,757	31%	\$ 47,045	\$ 470	\$ 46,574	\$ 105,183
Storm Sewer	34000 BLOCK & LABURNUM AVE	375	450	44.011527	\$ 69,975	31%	\$ 21,692	\$ 217	\$ 21,475	\$ 48,500
Storm Sewer	34000 BLOCK & TERRACE CT	375	525	75.133514	\$ 119,044	31%	\$ 36,904	\$ 369	\$ 36,535	\$ 82,510
Storm Sewer	34000 BLOCK & TERRACE CT	375	525	64.296344	\$ 104,638	31%	\$ 32,438	\$ 324	\$ 32,113	\$ 72,524
Storm Sewer	35000 BLOCK & MCKEE RD	300	375	68.622224	\$ 108,429	31%	\$ 33,613	\$ 336	\$ 33,277	\$ 75,152
Storm Sewer	3900 BLOCK & COACHSTONE WAY	525	900	63.772893	\$ 179,054	31%	\$ 55,507	\$ 555	\$ 54,952	\$ 124,102
Storm Sewer	32000 BLOCK & CLINTON AVE	N/A	1500	125	\$ 1,191,263	31%	\$ 369,292	\$ 3,693	\$ 365,599	\$ 825,664
Storm Sewer	32000 BLOCK & HAIDA DR	450	600	116	\$ 248,921	31%	\$ 77,165	\$ 772	\$ 76,394	\$ 172,527
Storm Sewer	3300 BLOCK & SLOCAN DR	450	600	95.6	\$ 417,251	31%	\$ 129,348	\$ 1,293	\$ 128,054	\$ 289,197

CITY OF ABBOTSFORD
Draft Drainage DCC Program

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Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Storm Sewer	34000 BLOCK & MCCLARY AVE	450	600	30.0	\$ 89,581	31%	\$ 27,770	\$ 278	\$ 27,492	\$ 62,089
Storm Sewer	3200 BLOCK & MCKINLEY DR	250	375	29.888646	\$ 63,043	31%	\$ 19,543	\$ 195	\$ 19,348	\$ 43,695
Storm Sewer	3800 BLOCK & OLD CLAYBURN RD	250	300	4.998167	\$ 30,005	31%	\$ 9,301	\$ 93	\$ 9,208	\$ 20,796
Storm Sewer	31000 BLOCK & DOWNES RD	144	200	15.3	\$ 31,738	31%	\$ 9,839	\$ 98	\$ 9,740	\$ 21,998
Storm Sewer	3900 BLOCK & COACHSTONE WAY	525	900	27.989345	\$ 88,390	31%	\$ 27,401	\$ 274	\$ 27,127	\$ 61,263
Storm Sewer	3400 BLOCK & WHATCOM RD	450	600	56.706146	\$ 133,884	31%	\$ 41,504	\$ 415	\$ 41,089	\$ 92,795
Storm Sewer	3300 BLOCK & MCKINLEY DR	450	600	2.09998	\$ 35,313	31%	\$ 10,947	\$ 109	\$ 10,837	\$ 24,475
Storm Sewer	800 BLOCK & RIVERSIDE RD	380	525	37.2	\$ 80,482	31%	\$ 24,949	\$ 249	\$ 24,700	\$ 55,782
Storm Sewer	32000 BLOCK & ASTORIA CR	600	675	48.8	\$ 683,070	31%	\$ 211,752	\$ 2,118	\$ 209,634	\$ 473,436
Storm Sewer	4400 BLOCK & BLAUSON BLVD	450	600	30.2477	\$ 77,666	31%	\$ 24,076	\$ 241	\$ 23,836	\$ 53,830
Storm Sewer	4400 BLOCK & BLAUSON BLVD	450	600	1.428251	\$ 21,556	31%	\$ 6,682	\$ 67	\$ 6,615	\$ 14,940
Storm Sewer	4400 BLOCK & BLAUSON BLVD	450	600	7.808024	\$ 33,904	31%	\$ 10,510	\$ 105	\$ 10,405	\$ 23,499
Storm Sewer	35000 BLOCK & MCKEE RD	300	375	15.637949	\$ 38,237	31%	\$ 11,854	\$ 119	\$ 11,735	\$ 26,502
Storm Sewer	3800 BLOCK & OLD CLAYBURN RD	375	450	83.500025	\$ 122,294	31%	\$ 37,911	\$ 379	\$ 37,532	\$ 84,762
Storm Sewer	34000 BLOCK & HIGH DR	300	450	36.741435	\$ 60,335	31%	\$ 18,704	\$ 187	\$ 18,517	\$ 41,818
Storm Sewer	35000 BLOCK & HIGH DR	300	450	28.019484	\$ 48,853	31%	\$ 15,144	\$ 151	\$ 14,993	\$ 33,860
Storm Sewer	35000 BLOCK & STRAITON RD	200	525	7.036631	\$ 17,115	31%	\$ 5,306	\$ 53	\$ 5,252	\$ 11,862
Storm Sewer	4300 BLOCK & SHEARWATER DR	300	375	32.48729	\$ 60,551	31%	\$ 18,771	\$ 188	\$ 18,583	\$ 41,968
Storm Sewer	35000 BLOCK & NAKISKA CT	300	450	5.127392	\$ 30,221	31%	\$ 9,369	\$ 94	\$ 9,275	\$ 20,946
Storm Sewer	1000 BLOCK & RIVERSIDE RD	380	525	63.5	\$ 115,362	31%	\$ 35,762	\$ 358	\$ 35,404	\$ 79,957
Storm Sewer	3200 BLOCK & PURCELL AVE	375	525	49.481286	\$ 96,730	31%	\$ 29,986	\$ 300	\$ 29,687	\$ 67,044
Storm Sewer	3400 BLOCK & MCKINLEY DR	150	200	36.586126	\$ 83,515	31%	\$ 25,890	\$ 259	\$ 25,631	\$ 57,884
Storm Sewer	31000 BLOCK & PINNACLE PL	N/A	600	35	\$ 98,030	31%	\$ 30,389	\$ 304	\$ 30,085	\$ 67,945
Storm Sewer	35000 BLOCK & TWEEDSMUIR DR	375	450	33.587117	\$ 67,917	31%	\$ 21,054	\$ 211	\$ 20,844	\$ 47,073
Storm Sewer	32000 BLOCK & HAIDA DR	450	525	100.7	\$ 687,511	31%	\$ 213,128	\$ 2,131	\$ 210,997	\$ 476,514
Storm Sewer	3200 BLOCK & BOXWOOD CT	200	600	15.000041	\$ 60,443	31%	\$ 18,737	\$ 187	\$ 18,550	\$ 41,893
Storm Sewer	35000 BLOCK & CHRISTINA PL	750	900	72.38965	\$ 214,475	31%	\$ 66,487	\$ 665	\$ 65,822	\$ 148,653
Storm Sewer	4000 BLOCK & CHANNEL ST	600	675	13.222599	\$ 56,977	31%	\$ 17,663	\$ 177	\$ 17,486	\$ 39,491
Storm Sewer	35000 BLOCK & MORGAN WAY	375	450	119.246061	\$ 181,329	31%	\$ 56,212	\$ 562	\$ 55,650	\$ 125,679
Storm Sewer	35000 BLOCK & MCKINLEY PL	250	300	45.882608	\$ 84,165	31%	\$ 26,091	\$ 261	\$ 25,830	\$ 58,335
Storm Sewer	3900 BLOCK & OLD CLAYBURN RD	375	450	13.994772	\$ 30,221	31%	\$ 9,369	\$ 94	\$ 9,275	\$ 20,946
Storm Sewer	3400 BLOCK & MCKINLEY DR	200	250	41.184368	\$ 72,142	31%	\$ 22,364	\$ 224	\$ 22,140	\$ 50,001
Storm Sewer	36000 BLOCK & MCKEE RD	525	600	3.311452	\$ 37,696	31%	\$ 11,686	\$ 117	\$ 11,569	\$ 26,127
Storm Sewer	35000 BLOCK & BELANGER DR	450	525	78.611969	\$ 135,293	31%	\$ 41,941	\$ 419	\$ 41,521	\$ 93,771
Storm Sewer	3300 BLOCK & BOXWOOD CT	500	750	13.187564	\$ 49,069	31%	\$ 15,211	\$ 152	\$ 15,059	\$ 34,010
Storm Sewer	3200 BLOCK & BOXWOOD CT	250	600	28.499952	\$ 78,966	31%	\$ 24,479	\$ 245	\$ 24,235	\$ 54,731
Storm Sewer	3200 BLOCK & BOXWOOD CT	250	600	11.638033	\$ 46,036	31%	\$ 14,271	\$ 143	\$ 14,129	\$ 31,908
Storm Sewer	3200 BLOCK & BOXWOOD CT	300	675	47.83919	\$ 116,553	31%	\$ 36,131	\$ 361	\$ 35,770	\$ 80,783
Storm Sewer	3200 BLOCK & BOXWOOD CT	300	675	53.169037	\$ 126,952	31%	\$ 39,355	\$ 394	\$ 38,962	\$ 87,990
Storm Sewer	3300 BLOCK & BOXWOOD CT	375	750	30.824243	\$ 83,407	31%	\$ 25,856	\$ 259	\$ 25,598	\$ 57,809
Culverts/Bridges	34000 BLOCK & BATEMAN RD	1880	3050x1500	8.417	\$ 328,212	31%	\$ 101,746	\$ 1,017	\$ 100,728	\$ 227,483
Channel Upgrades	34000 BLOCK & CLAYBURN RD				\$ 244,173	31%	\$ 75,694	\$ 757	\$ 74,937	\$ 169,237
Urban Creek Stabilization	36000 BLOCK & CARRINGTON LANE				\$ 39,216	31%	\$ 12,157	\$ 122	\$ 12,035	\$ 27,181
Urban Creek Stabilization	S OF MACLURE RD				\$ 12,047	31%	\$ 3,734	\$ 37	\$ 3,697	\$ 8,349
Urban Creek Stabilization	S OF MACLURE RD				\$ 84,326	31%	\$ 26,141	\$ 261	\$ 25,880	\$ 58,446
Detention Pond	4000 BLOCK & CLEARBROOK RD				\$ 1,088,829	31%	\$ 337,537	\$ 3,375	\$ 334,162	\$ 754,668
Detention Pond	32000 BLOCK & CLINTON AVE				\$ 5,482,575	31%	\$ 1,699,598	\$ 16,996	\$ 1,682,602	\$ 3,799,973
Storm Sewer	35000 BLOCK & OLD YALE RD	900	1350	10.8	\$ 77,341	100%	\$ 77,341	\$ 773	\$ 76,568	\$ 773
Storm Sewer	1000 BLOCK & MCCALLUM RD	750	750	3	\$ 37,046	100%	\$ 37,046	\$ 370	\$ 36,675	\$ 370
Storm Sewer	35000 BLOCK & OLD YALE RD	900	1200	140.8	\$ 430,900	100%	\$ 430,900	\$ 4,309	\$ 426,591	\$ 4,309
Storm Sewer	35000 BLOCK & OLD YALE RD	900	1200	107.8	\$ 337,202	100%	\$ 337,202	\$ 3,372	\$ 333,830	\$ 3,372
Storm Sewer	4TH AVE	900	1200	91.7	\$ 291,491	100%	\$ 291,491	\$ 2,915	\$ 288,576	\$ 2,915
Storm Sewer	3500 BLOCK & MONASHEE ST		300	102.189102	\$ 158,798	100%	\$ 158,798	\$ 1,588	\$ 157,210	\$ 1,588
Storm Sewer	3600 BLOCK & BULKLEY ST		250	73.733639	\$ 63,693	100%	\$ 63,693	\$ 637	\$ 63,056	\$ 637

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Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Storm Sewer	34000 BLOCK & INDUSTRIAL WAY	380	600	69.5	\$ 166,489	100%	\$ 166,489	\$ 1,665	\$ 164,824	\$ 1,665
Storm Sewer	35000 BLOCK & EAGLE MTN DR	900	1200	11.4	\$ 63,584	100%	\$ 63,584	\$ 636	\$ 62,948	\$ 636
Storm Sewer	35000 BLOCK & OLD YALE RD	750	900	22.5	\$ 88,173	100%	\$ 88,173	\$ 882	\$ 87,291	\$ 882
Storm Sewer	34000 BLOCK & BATEMAN RD		375	83.068515	\$ 133,451	100%	\$ 133,451	\$ 1,335	\$ 132,117	\$ 1,335
Storm Sewer	34000 BLOCK & TERRACE CT		200	23.801492	\$ 36,396	100%	\$ 36,396	\$ 364	\$ 36,032	\$ 364
Storm Sewer	34000 BLOCK & MIERAU ST		200	3.583583	\$ 25,347	100%	\$ 25,347	\$ 253	\$ 25,094	\$ 253
Storm Sewer	33000 BLOCK & KING RD	530	750	40.1	\$ 109,296	100%	\$ 109,296	\$ 1,093	\$ 108,203	\$ 1,093
Storm Sewer	33000 BLOCK & KING RD	380	450	77.2	\$ 125,652	100%	\$ 125,652	\$ 1,257	\$ 124,395	\$ 1,257
Storm Sewer	3600 BLOCK & FOREST OAKS CT		525	44.701403	\$ 90,448	100%	\$ 90,448	\$ 904	\$ 89,543	\$ 904
Storm Sewer	3700 BLOCK & CASTLE PINES CT		600	27.707938	\$ 85,140	100%	\$ 85,140	\$ 851	\$ 84,289	\$ 851
Storm Sewer	3600 BLOCK & FOREST OAKS CT		525	59.598817	\$ 110,162	100%	\$ 110,162	\$ 1,102	\$ 109,060	\$ 1,102
Storm Sewer	36000 BLOCK & WESTMINSTER DR		375	48.962027	\$ 88,281	100%	\$ 88,281	\$ 883	\$ 87,399	\$ 883
Storm Sewer	36000 BLOCK & BUCKINGHAM DR		675	9.896015	\$ 50,477	100%	\$ 50,477	\$ 505	\$ 49,973	\$ 505
Storm Sewer	36000 BLOCK & BUCKINGHAM DR		600	40.799267	\$ 110,704	100%	\$ 110,704	\$ 1,107	\$ 109,597	\$ 1,107
Storm Sewer	36000 BLOCK & BUCKINGHAM DR		675	5.55232	\$ 42,028	100%	\$ 42,028	\$ 420	\$ 41,608	\$ 420
Storm Sewer	3400 BLOCK & WHATCOM RD		450	19.130373	\$ 48,744	100%	\$ 48,744	\$ 487	\$ 48,257	\$ 487
Storm Sewer	3400 BLOCK & WHATCOM RD		450	20.692178	\$ 50,802	100%	\$ 50,802	\$ 508	\$ 50,294	\$ 508
Storm Sewer	3300 BLOCK & MCKEE DR		300	20.421603	\$ 50,477	100%	\$ 50,477	\$ 505	\$ 49,973	\$ 505
Storm Sewer	3700 BLOCK & BULKLEY ST		250	31.488054	\$ 40,620	100%	\$ 40,620	\$ 406	\$ 40,214	\$ 406
Storm Sewer	3700 BLOCK & OLD CLAYBURN RD		375	27.586955	\$ 60,010	100%	\$ 60,010	\$ 600	\$ 59,410	\$ 600
Storm Sewer	36000 BLOCK & BUCKINGHAM DR		450	63.083301	\$ 107,021	100%	\$ 107,021	\$ 1,070	\$ 105,951	\$ 1,070
Storm Sewer	3700 BLOCK & CASTLE PINES CT		250	36.784944	\$ 43,545	100%	\$ 43,545	\$ 435	\$ 43,109	\$ 435
Storm Sewer	36000 BLOCK & AUGUSTON PKY SOUTH		375	32.29883	\$ 66,184	100%	\$ 66,184	\$ 662	\$ 65,522	\$ 662
Storm Sewer	36000 BLOCK & AUGUSTON PKY SOUTH		375	63.575911	\$ 107,671	100%	\$ 107,671	\$ 1,077	\$ 106,594	\$ 1,077
Storm Sewer	36000 BLOCK & BUCKINGHAM DR		450	37.416692	\$ 73,008	100%	\$ 73,008	\$ 730	\$ 72,278	\$ 730
Storm Sewer	36000 BLOCK & WESTMINSTER DR		375	49.881075	\$ 89,473	100%	\$ 89,473	\$ 895	\$ 88,578	\$ 895
Storm Sewer	36000 BLOCK & WESTMINSTER DR		375	42.53553	\$ 79,724	100%	\$ 79,724	\$ 797	\$ 78,927	\$ 797
Storm Sewer	36000 BLOCK & WESTMINSTER DR		375	42.149504	\$ 79,291	100%	\$ 79,291	\$ 793	\$ 78,498	\$ 793
Storm Sewer	36000 BLOCK & WESTMINSTER DR		375	82.320325	\$ 132,476	100%	\$ 132,476	\$ 1,325	\$ 131,151	\$ 1,325
Culverts/Bridges	SUMAS WAY	600	2100	16	\$ 852,267	100%	\$ 852,267	\$ 8,523	\$ 843,744	\$ 8,523
Culverts/Bridges	34000 BLOCK & VYE RD	1200	1200	107.8	\$ 390,604	100%	\$ 390,604	\$ 3,906	\$ 386,698	\$ 3,906
Culverts/Bridges	34000 BLOCK & VYE RD	1200	1350	10.8	\$ 411,835	100%	\$ 411,835	\$ 4,118	\$ 407,717	\$ 4,118
Culverts/Bridges	WEST RAILWAY ST	450	600	69.5	\$ 125,760	100%	\$ 125,760	\$ 1,258	\$ 124,503	\$ 1,258
Studies	Nathan Creek ISMP Study				\$ 379,122	50%	\$ 189,561	\$ 1,896	\$ 187,666	\$ 191,457
Studies	Potential Community Detention U/S of Horn Creek and Boa Brook erosion sites				\$ 21,664	75%	\$ 16,248	\$ 162	\$ 16,086	\$ 5,579
Studies	Fishtrap Creek Detention, Simpson Ave				\$ 146,233	50%	\$ 73,116	\$ 731	\$ 72,385	\$ 73,848
Studies	Fishtrap Creek Drainage				\$ 29,247	50%	\$ 14,623	\$ 146	\$ 14,477	\$ 14,770
Studies	Delair Park Community Detention Study				\$ 180,896	75%	\$ 135,672	\$ 1,357	\$ 134,315	\$ 46,581
Studies	Matsqui Phase 2 Study				\$ 496,109	50%	\$ 248,054	\$ 2,481	\$ 245,574	\$ 250,535
Studies	Sumas Prairie Drainage Study Phase 2				\$ 216,641	50%	\$ 108,321	\$ 1,083	\$ 107,237	\$ 109,404
Studies	Barrowtown Pump Station Upgrade Cost Benefit Study				\$ 54,160	50%	\$ 27,080	\$ 271	\$ 26,809	\$ 27,351
Studies	Drainage Master Plan Update				\$ 1,083,207	100%	\$ 1,083,207	\$ 10,832	\$ 1,072,375	\$ 10,832
Culverts/Bridges	MCCRIMMON DR	450	600	14.39	\$ 47,809	31%	\$ 14,821	\$ 148	\$ 14,673	\$ 33,137
Storm Sewer	MONTROSE AVE	1350	1650	156.28	\$ 679,936	31%	\$ 210,780	\$ 2,108	\$ 208,672	\$ 471,264
Storm Sewer	MONTROSE AVE	1350	1650	9.63	\$ 41,898	31%	\$ 12,988	\$ 130	\$ 12,858	\$ 29,039
Culverts/Bridges	ABBOTSFORD MISSION HWY	600	675	11.63	\$ 44,159	31%	\$ 13,689	\$ 137	\$ 13,553	\$ 30,607
Storm Sewer	VETERANS WAY	450	750	60	\$ 128,150	31%	\$ 39,726	\$ 397	\$ 39,329	\$ 88,820
Storm Sewer	TIMS ST	450	600	101.63	\$ 168,828	31%	\$ 52,337	\$ 523	\$ 51,813	\$ 117,014
Storm Sewer	VETERANS WAY	450	600	115.55	\$ 191,951	31%	\$ 59,505	\$ 595	\$ 58,910	\$ 133,042
Storm Sewer	GLADWIN RD	375	600	87.59	\$ 145,504	31%	\$ 45,106	\$ 451	\$ 44,655	\$ 100,849

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Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Storm Sewer	GLADWIN RD	375	525	88.72	\$ 133,345	31%	\$ 41,337	\$ 413	\$ 40,924	\$ 92,422
Storm Sewer	SOUTH FRASER WAY	375	450	119.48	\$ 155,949	31%	\$ 48,344	\$ 483	\$ 47,861	\$ 108,088
Storm Sewer	SOUTH FRASER WAY	300	375	121.92	\$ 135,022	31%	\$ 41,857	\$ 419	\$ 41,438	\$ 93,584
Storm Sewer	R/W W OF SHEFIELD WAY	300	450	35.57	\$ 46,427	31%	\$ 14,392	\$ 144	\$ 14,248	\$ 32,179
Storm Sewer	@34038 WALNUT AVE	375	600	25.58	\$ 42,493	31%	\$ 13,173	\$ 132	\$ 13,041	\$ 29,452
Storm Sewer	CORDOVA AVE	300	450	67.08	\$ 87,555	31%	\$ 27,142	\$ 271	\$ 26,871	\$ 60,684
Storm Sewer	R/W S OF AVALON CR	375	450	96.06	\$ 125,380	31%	\$ 38,868	\$ 389	\$ 38,479	\$ 86,901
Storm Sewer	AVALON CR	375	450	7.76	\$ 10,129	31%	\$ 3,140	\$ 31	\$ 3,108	\$ 7,020
Storm Sewer	CORDOVA AVE	375	450	80.43	\$ 104,979	31%	\$ 32,544	\$ 325	\$ 32,218	\$ 72,761
Storm Sewer	BEDFORD PL	300	375	97.38	\$ 107,845	31%	\$ 33,432	\$ 334	\$ 33,098	\$ 74,747
Storm Sewer	BEVAN AVE	450	600	84.2	\$ 139,873	31%	\$ 43,361	\$ 434	\$ 42,927	\$ 96,946
Storm Sewer	BEVAN AVE	300	375	73.99	\$ 81,941	31%	\$ 25,402	\$ 254	\$ 25,148	\$ 56,794
Storm Sewer	R/W S OF BEDFORD PL	300	375	99.52	\$ 110,215	31%	\$ 34,167	\$ 342	\$ 33,825	\$ 76,390
Storm Sewer	MT WADDINGTON AVE	450	525	68.29	\$ 102,639	31%	\$ 31,818	\$ 318	\$ 31,500	\$ 71,139
Storm Sewer	MT WADDINGTON AVE	375	450	71.2	\$ 92,932	31%	\$ 28,809	\$ 288	\$ 28,521	\$ 64,411
Storm Sewer	MT WADDINGTON AVE	375	450	43.7	\$ 57,038	31%	\$ 17,682	\$ 177	\$ 17,505	\$ 39,533
Storm Sewer	MT WADDINGTON AVE	375	450	35.9	\$ 46,858	31%	\$ 14,526	\$ 145	\$ 14,381	\$ 32,477
Storm Sewer	MT WADDINGTON AVE	375	450	103.79	\$ 135,470	31%	\$ 41,996	\$ 420	\$ 41,576	\$ 93,894
Storm Sewer	MT WADDINGTON AVE	375	450	59.08	\$ 77,113	31%	\$ 23,905	\$ 239	\$ 23,666	\$ 53,447
Storm Sewer	MT WADDINGTON AVE	375	450	25.03	\$ 32,670	31%	\$ 10,128	\$ 101	\$ 10,026	\$ 22,643
Storm Sewer	WARE ST	300	450	25.3	\$ 33,022	31%	\$ 10,237	\$ 102	\$ 10,135	\$ 22,888
Storm Sewer	SOUTH FRASER WAY	300	375	91.47	\$ 101,300	31%	\$ 31,403	\$ 314	\$ 31,089	\$ 70,211
Storm Sewer	SOUTH FRASER WAY	300	450	82.63	\$ 107,851	31%	\$ 33,434	\$ 334	\$ 33,099	\$ 74,751
Storm Sewer	SOUTH FRASER WAY	300	450	13.42	\$ 17,516	31%	\$ 5,430	\$ 54	\$ 5,376	\$ 12,140
Storm Sewer	OLD YALE RD	375	450	19.87	\$ 25,935	31%	\$ 8,040	\$ 80	\$ 7,959	\$ 17,975
Storm Sewer	OLD YALE RD	375	450	44.07	\$ 57,521	31%	\$ 17,832	\$ 178	\$ 17,653	\$ 39,868
Storm Sewer	OLD YALE RD	375	450	81.71	\$ 106,650	31%	\$ 33,062	\$ 331	\$ 32,731	\$ 73,919
Storm Sewer	WARE ST	300	375	30.5	\$ 33,778	31%	\$ 10,471	\$ 105	\$ 10,366	\$ 23,411
Storm Sewer	WARE ST	300	450	53.96	\$ 70,430	31%	\$ 21,833	\$ 218	\$ 21,615	\$ 48,815
Storm Sewer	OLD YALE RD	300	375	44.77	\$ 49,581	31%	\$ 15,370	\$ 154	\$ 15,216	\$ 34,365
Storm Sewer	OLD YALE RD	450	600	46.4	\$ 77,080	31%	\$ 23,895	\$ 239	\$ 23,656	\$ 53,424
Storm Sewer	R/W N OF OLD YALE RD	450	525	23.23	\$ 34,914	31%	\$ 10,823	\$ 108	\$ 10,715	\$ 24,199
Storm Sewer	OLD YALE RD	450	600	3.82	\$ 6,346	31%	\$ 1,967	\$ 20	\$ 1,948	\$ 4,398
Storm Sewer	OLD YALE RD	450	600	12.73	\$ 21,147	31%	\$ 6,556	\$ 66	\$ 6,490	\$ 14,657
Storm Sewer	OLD YALE RD	450	600	2.62	\$ 4,352	31%	\$ 1,349	\$ 13	\$ 1,336	\$ 3,017
Storm Sewer	R/W E OF BIRCH ST	250	300	69.45	\$ 68,673	31%	\$ 21,289	\$ 213	\$ 21,076	\$ 47,597
Storm Sewer	R/W E OF BIRCH ST	250	300	35.31	\$ 34,915	31%	\$ 10,824	\$ 108	\$ 10,715	\$ 24,199
Storm Sewer	BIRCH ST	250	300	78.11	\$ 77,236	31%	\$ 23,943	\$ 239	\$ 23,704	\$ 53,532
Storm Sewer	BIRCH ST	375	450	14.09	\$ 18,391	31%	\$ 5,701	\$ 57	\$ 5,644	\$ 12,747
Storm Sewer	ASH ST	375	450	38.95	\$ 50,839	31%	\$ 15,760	\$ 158	\$ 15,602	\$ 35,236
Storm Sewer	ASH ST	375	450	38.45	\$ 50,186	31%	\$ 15,558	\$ 156	\$ 15,402	\$ 34,784
Storm Sewer	ASH ST	525	600	26.87	\$ 44,636	31%	\$ 13,837	\$ 138	\$ 13,699	\$ 30,937
Storm Sewer	ASH ST	525	600	79.3	\$ 131,733	31%	\$ 40,837	\$ 408	\$ 40,429	\$ 91,304
Storm Sewer	LARCH ST	450	600	125.63	\$ 208,696	31%	\$ 64,696	\$ 647	\$ 64,049	\$ 144,647
Storm Sewer	LARCH ST	450	600	114.14	\$ 189,609	31%	\$ 58,779	\$ 588	\$ 58,191	\$ 131,418
Storm Sewer	MACLURE RD	300	375	70	\$ 77,523	31%	\$ 24,032	\$ 240	\$ 23,792	\$ 53,731
Storm Sewer	MACLURE RD	300	375	20	\$ 22,149	31%	\$ 6,866	\$ 69	\$ 6,798	\$ 15,352
Storm Sewer	MACLURE RD	300	450	80	\$ 104,418	31%	\$ 32,370	\$ 324	\$ 32,046	\$ 72,372
Storm Sewer	MACLURE RD	300	450	65	\$ 84,840	31%	\$ 26,300	\$ 263	\$ 26,037	\$ 58,802
Storm Sewer	MACLURE RD	300	450	10	\$ 13,052	31%	\$ 4,046	\$ 40	\$ 4,006	\$ 9,047
Storm Sewer	@3201 MCCALLUM RD	300	450	41.52	\$ 54,193	31%	\$ 16,800	\$ 168	\$ 16,632	\$ 37,561
Storm Sewer	LABURNUM AVE	375	525	40.55	\$ 60,946	31%	\$ 18,893	\$ 189	\$ 18,704	\$ 42,242
Storm Sewer	LABURNUM AVE	375	525	13.72	\$ 20,621	31%	\$ 6,393	\$ 64	\$ 6,329	\$ 14,292
Storm Sewer	R/W E OF EPSON CT	300	375	9.99	\$ 11,064	31%	\$ 3,430	\$ 34	\$ 3,395	\$ 7,668

CITY OF ABBOTSFORD
Draft Drainage DCC Program

					Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Project Type	Location	Current Diameter (mm)	Upgrade Diameter (mm)	Length (m)	Total Capital and Land Cost Estimate (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Storm Sewer	R/W E OF EPSON CT	300	375	36.47	\$ 40,389	31%	\$ 12,521	\$ 125	\$ 12,395	\$ 27,994
Storm Sewer	EPSON LANE	300	375	44.88	\$ 49,703	31%	\$ 15,408	\$ 154	\$ 15,254	\$ 34,449
Storm Sewer	EPSON LANE	300	375	10.48	\$ 11,606	31%	\$ 3,598	\$ 36	\$ 3,562	\$ 8,044
Storm Sewer	EPSON LANE	300	450	49.28	\$ 64,322	31%	\$ 19,940	\$ 199	\$ 19,740	\$ 44,581
Storm Sewer	EPSON LANE	300	450	46.35	\$ 60,497	31%	\$ 18,754	\$ 188	\$ 18,567	\$ 41,931
Storm Sewer	R/W N OF LABURNUM AVE	250	300	38.46	\$ 38,030	31%	\$ 11,789	\$ 118	\$ 11,671	\$ 26,358
Storm Sewer	LARCH ST	450	600	17.19	\$ 28,556	31%	\$ 8,852	\$ 89	\$ 8,764	\$ 19,792
Studies	Willband Creek ISMP Update				\$ 421,892	50%	\$ 210,946	\$ 2,109	\$ 208,836	\$ 213,055
Drainage Allowance for Unstudied Areas					\$ 1,500,000	100%	\$ 1,500,000	\$ 15,000	\$ 1,485,000	\$ 15,000
	Total DCC Projects				\$ 52,361,470		\$ 22,251,653	\$ 222,517	\$ 22,029,137	\$ 30,332,333

Urban Systems Ltd.



CITY OF ABBOTSFORD
Draft City-Wide Parks DCC Program

11/25/2020

			Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Project Description	Urban Land Required (ha)	Rural Land Required (ha)	DCC Eligible Costs (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
City-wide Park Acquisition & Development Sub-Total	0.2	35.0	\$ 30,804,352		\$ 30,280,151	\$ 302,802	\$ 29,977,350	\$ 827,002
Mill Lake Park development	0.0		\$ 753,077	100%	\$ 753,077	\$ 7,531	\$ 745,546	\$ 7,531
Mill Lake Park Acquisition (stage 1)	0.1		\$ 1,000,000	100%	\$ 1,000,000	\$ 10,000	\$ 990,000	\$ 10,000
Mill Lake Park Acquisition (stage 2)	0.1		\$ 1,500,000	100%	\$ 1,500,000	\$ 15,000	\$ 1,485,000	\$ 15,000
McKee Park Development		0.0	\$ 738,310	100%	\$ 738,310	\$ 7,383	\$ 730,927	\$ 7,383
Delair Park acquisition and development	0.0	10.0	\$ 6,845,776	100%	\$ 6,845,776	\$ 68,458	\$ 6,777,318	\$ 68,458
Matsqui Park acquisition and development	0.0	9.0	\$ 3,845,776	100%	\$ 3,845,776	\$ 38,458	\$ 3,807,318	\$ 38,458
Land Acquisition for 4 natural turf (grass) fields, typical field house, multi-purpose trail and pedestrian walkways, park amenities such as playgrounds, central green, picnic shelters, landscaping and planting.		16.0	\$ 8,000,000	100%	\$ 8,000,000	\$ 80,000	\$ 7,920,000	\$ 80,000
Construction of above park		0.0	\$ 7,383,103	100%	\$ 7,383,103	\$ 73,831	\$ 7,309,272	\$ 73,831
Civic Court House Park Redesign	0.0		\$ 738,310	29%	\$ 214,110	\$ 2,141	\$ 211,969	\$ 526,341
Community Parks Acquisition & Development Sub-Total	4.0	0.0	\$ 45,007,868		\$ 44,633,439	\$ 446,334	\$ 44,187,105	\$ 820,763
Clayburn Park development	0.0		\$ 515,045	100%	\$ 515,045	\$ 5,150	\$ 509,895	\$ 5,150
Washroom Development - 5 new washrooms in community parks (no washrooms currently exist)			\$ 527,365	29%	\$ 152,936	\$ 1,529	\$ 151,406	\$ 375,958
Community Park - acquisition & development	2.0		\$ 21,982,729	100%	\$ 21,982,729	\$ 219,827	\$ 21,762,902	\$ 219,827
Community Park - acquisition & development	2.0		\$ 21,982,729	100%	\$ 21,982,729	\$ 219,827	\$ 21,762,902	\$ 219,827
Trails Development Sub-Total	0.0	0.0	\$ 2,425,877		\$ 2,201,219	\$ 22,012	\$ 2,179,207	\$ 246,669
Trail Development - Re-alignment of existing trail through environmentally sensitive area to improve connection between major growth areas	0.0		\$ 316,419	29%	\$ 91,761	\$ 918	\$ 90,844	\$ 225,575
Trail Development - connection trails. 4.75 km / year for 20 years at \$105,000/year			\$ 2,109,458	100%	\$ 2,109,458	\$ 21,095	\$ 2,088,363	\$ 21,095
Parks and Trails Studies Sub-Total	0.0	0.0	\$ 52,736		\$ 15,294	\$ 153	\$ 15,141	\$ 37,596
Parks and Trail Sustainability Strategy	0.0		\$ 52,736	29%	\$ 15,294	\$ 153	\$ 15,141	\$ 37,596
Total DCC Projects	4.2	35.0	\$ 78,290,833		\$ 77,130,103	\$ 771,301	\$ 76,358,802	\$ 1,932,030

CITY OF ABBOTSFORD
Draft Neighbourhood Parks DCC Program

			Col. (1)	Col. (2)	Col. (3)	Col. (4)	Col. (5) = Col. (3) - Col. (4)	Col. (6) = Col. (1) - Col. (5)
Updated Description for DCC Program	Urban Land Required (ha)	Rural Land Required (ha)	DCC Eligible Costs (2020 \$)	Benefit Allocation	Benefit to New Development	Municipal Assist Factor 1%	DCC Recoverable	Total Municipal Responsibility
Timberlane (east) - park development	0.0	0.0	\$ 316,419	100%	\$ 316,419	\$ 3,164	\$ 313,255	\$ 3,164
Erratic Park (west) - park development	0.0	0.0	\$ 316,419	100%	\$ 316,419	\$ 3,164	\$ 313,255	\$ 3,164
8 new parks in established Urban areas - acquisition and development	8.0	0.0	\$ 87,930,916	100%	\$ 87,930,916	\$ 879,309	\$ 87,051,607	\$ 879,309
7 new parks in developing areas - acquisition and development	0.0	2.0	\$ 4,691,552	100%	\$ 4,691,552	\$ 46,916	\$ 4,644,636	\$ 46,916
Neighbourhood Park Development	0.0	0.0	\$ 3,332,944	100%	\$ 3,332,944	\$ 33,329	\$ 3,299,614	\$ 33,329
Total DCC Projects	8.0	2.0	\$ 96,588,249		\$ 96,588,249	\$ 965,882	\$ 95,622,366	\$ 965,882

