				per	Unit Costs															
			Arterial Roads Stage 1 Thru Lanes	**meter**	3,600			Underground Estim	Roads include lights, pathways, Road storm											
			Arterial Roads Stage 2 Thru Lanes	**meter**	4,100															
			Stage 1 Intersection	**ea**	400,000		Average o	Estimates should include sufficient funds for detailed design and construction supervision												
			Stage 2 Intersection	**ea**	600,000															
			Round About	**ea**	850,000															
			Purchase of Land for Arterials					Usually done at ate time of opportunity. Not easily calculated for each location.												
			Deep Storm / San Sewer more than 8 m	**meter**	3,000															
			Storm / San Sewer Less than 8 m	**meter**	1,800												**(Approved CIP)**			
			Water Distribution Lines	**meter**	800												**With Inflation**			
			Contingency		20%												Moved CIP projects			
				Arterial Roads	**Arterial Roads**	**Round About**	**Int.**	**Roads**		**Water**	**San**		**San Sewer**	**Storm**		**Storm**				
Map Number	**Project**	**CIP Page**	**Description**	**Stage 1**	**Stage 2**			**Estimate**	**Water**	**Estimate**	**2-8m**	**8+m**	**Estimate**	**2-8 m**	**8+m**	**Estimate**	**Total 2019 COST**	**Year**	**Status**	**Note**
North4	Storm Trunk and Outfall ser	EO-7	From Outfall at river to 13 St and along 44 Ave to 28 St and along 28 St for 400m					$ -		$ 0			$ -		1500	$ 5,400,000	$ 5,400,000	2035	Proposed	Includes oversize credit portion through Royalview
North60	43 ST N		9 Ave N to 26 Ave N Stage 1 & 2	800	800	1	2	$ 9,372,000		$ 0			$ -			$ -	$ 9,372,000	2033	Proposed	Moved from 2045 No UG
North61	43 ST N		26 Ave N to 44 Ave N Stage 1 & 2	1650	1650		2	$ 16,206,000		$ 0			$ -			$ -	$ 16,206,000	2054	Proposed	No UG stage 2
North62	43 ST N		26 Ave N to 44 Ave N Underground					$ -	1650	$ 1,320,000			$ -			$ -	$ 1,320,000	2047	Proposed	Looping may be accomplished through internal oversize
North63	43 ST N		44 Ave N to 62 Ave N Stage 2		1600	1	1	$ 9,372,000		$ 0			$ -			$ -	$ 9,372,000	2061	Proposed	
North66	N Scenic Dr		Stafford Dr to Uplands Blvd Stage 2		625	1	1	$ 4,575,000		$ 0			$ -			$ -	$ 4,575,000	2062	Proposed	No UG Stage 2
North155	N Scenic Dr	CO-1	26 Ave and Scenic Dr intersection improvement, talk to Byron to finalize value and year			1.25		$ 1,275,000		$ 0			$ -			$ -	$ 395,000	2027	Proposed	CIP Approved
North68	N Scenic Dr	CO-2	Uplands Blvd to Grace Dainty Rd Stage 1	450		1	0	$ 2,964,000		$ 0			$ -			$ -	$ 2,964,000	2028	Proposed	
North69	N Scenic Dr		Uplands Blvd to 44 Ave Stage 2	750			2	$ 4,200,000		$ 0			$ -			$ -	$ 4,200,000	2067	Proposed	
North157	N Scenic Dr	CO-2	Grace Dainty Rd to 44 Ave Stage 1	900		1	1	$ 5,388,000		$ 0			$ -	350		$ 756,000	$ 6,144,000	2036	Proposed	CIP Approved
North70	N Scenic Dr		44 Ave N to 400 m Past 44 Ave Stage 1	400			1	$ 2,208,000		$ 0			$ -	0		$ -	$ 2,208,000	2038	Proposed	
North71	N Scenic Dr		44 Ave N to 400 m Past 44 Ave Underground					$ -	0	$ 0	400		$ 864,000	400		$ 864,000	$ 1,728,000	2038	Proposed	Storm part of North 4
North72	N Scenic Dr		44 Ave N to 400 m Past 44 Ave Stage 2		400	1		$ 2,988,000		$ 0			$ -			$ -	$ 2,988,000	2067	Proposed	
North73	N Scenic Dr		400 m Past 44 Ave to Cemetery Stage 1	400		1		$ 2,748,000		$ 0			$ -			$ -	$ 2,748,000	2044	Proposed	
North74	N Scenic Dr		400 m Past 44 Ave to Cemetery Underground					$ -	0	$ 0	400		$ 864,000	400		$ 864,000	$ 1,728,000	2044	Proposed	
North75	N Scenic Dr		5 Ave N to Stafford Dr N Stage 2		2400		2	$ 12,768,000		$ 0			$ -			$ -	$ 12,768,000	2057	Proposed	Causeway widening not included only road twinning
North76	N Scenic Dr		Cemetery Entrance along curve to 62 Ave to 800m East of Scenic	1100			1	$ 5,232,000		$ 0			$ -			$ -	$ 5,232,000	2071	Proposed	
North80	28 ST N		from 5th Ave including intersection to 9th including intersec		1200		2	$ 6,864,000		$ 0			$ -			$ -	$ 6,864,000	2035	Proposed	Done after SE Sewer in this area
North158	28 ST N		9th Avenue to 18th Ave N. Design & Constr Stage 1 & 2		1200		2	$ 6,864,000		$ 0			$ -			$ -	$ 6,864,000	2044	Proposed	Done after SE Sewer in this area
North81	28 ST N	CO-8	Kodiak Gate to Blackwolf Blvd N Stage 1	900		1	1	$ 5,388,000		$ 0			$ -			$ -	$ 7,538,291	2030	Proposed	Approved CIP
North82	28 ST N		Kodiak Gate to Blackwolf Blvd N Stage 2		900		2	$ 5,388,000		$ 0			$ -			$ -	$ 5,388,000	2076	Proposed	
North83	28 ST N	EO-2	Kodiak Gate to Blackwolf Blvd N Underground					$ -	400	$ 320,000	0		$ -			$ -	$ 505,428	2028	Proposed	Only water loop Cip approved
North84	28 ST N		Blackwolf Blvd N to 44 Ave N Stage 1	400			1	$ 2,208,000		$ 0			$ -			$ -	$ 2,208,000	2060	Proposed	
North85	28 ST N		Blackwolf Blvd N to 44 Ave N Storm					$ -	0	$ 0	0		$ -	400		$ 864,000	$ 864,000	2060	Proposed	Storm heading north to 44th Trunk
North86	28 ST N		44 Ave N to 50 Ave N Stage 1	800		1	1	$ 4,956,000		$ 0			$ -			$ -	$ 4,956,000	2036	Proposed	
North87	28 ST N		44 Ave N to 50 Ave N Underground					$ -	800	$ 640,000			$ -	800		$ 1,728,000	$ 2,368,000	2036	Proposed	Storm feeds south to 44th Ave Trunk
North88	28 ST N		50 Ave N to 62 Ave N Stage 1	800				$ 3,456,000		$ 0			$ -			$ -	$ 3,456,000	2050	Proposed	
North89	28 ST N		50 Ave N to 62 Ave N Underground					$ -	800	$ 640,000			$ -	800		$ 1,728,000	$ 2,368,000	2050	Proposed	Storm feeds south to 44th Ave Trunk
North90	26 AVE N	CO-7	23 St N to N Scenic Dr Stage 2		1200		3	$ 7,344,000		$ 0			$ -			$ -	$ 4,983,000	2029	Proposed	Must coordinate with SE Trunk
North91	26 AVE N		34 St N to 43 St N Stage 2		1000		2	$ 5,880,000		$ 0			$ -			$ -	$ 5,880,000	2042	Proposed	
North93	62 AVE N		800m East of N Scenic Dr to 28 St N Stage 1	800			1	$ 3,936,000		$ 0			$ -			$ -	$ 3,936,000	2082	Proposed	
North94	62 AVE N		800m East of N Scenic Dr to 28 St N Underground					$ -	400	$ 320,000			$ -	400		$ 864,000	$ 1,184,000	2082	Proposed	
North95	62 AVE N		28 St N to 43 St N Stage 1	1600			4	$ 8,832,000		$ 0			$ -			$ -	$ 8,832,000	2082	Proposed	

North96	62 AVE N		28 St N to 43 St N Underground					$ -	1600	$ 1,280,000			$ -			$ -	$ 1,280,000	2082	Proposed	Looping may be internal to neighbourhood
South100	10 Ave S		13 St S to MMD S Stage 2		1350		3	$ 8,082,000		$ 0			$ -			$ -	$ 8,082,000	2044	Proposed	Is this offsite funded
South132	58 St		10 Ave S to 17 Ave S Stage 1	1200			2	$ 6,144,000		$ 0			$ -			$ -	$ 6,144,000	2057	Proposed	
South133	58 St		10 Ave S to 17 Ave S Underground					$ -	1200	$ 960,000	600		$ 1,296,000			$ -	$ 2,256,000	2057	Proposed	
South134	58 St		17 Ave S to 24 Ave S Stage 1	1200			2	$ 6,144,000		$ 0			$ -			$ -	$ 6,144,000	2067	Proposed	
South135	58 St		17 Ave S to 24 Ave S Underground					$ -	1200	$ 960,000	600		$ 1,296,000			$ -	$ 2,256,000	2067	Proposed	
South136	58 St		24 Ave S to South of Canal Stage 1	600			1	$ 3,072,000		$ 0			$ -			$ -	$ 3,072,000	2066	Proposed	
South137	58 St		24 Ave S to South of Canal Underground					$ -	600	$ 480,000			$ -			$ -	$ 480,000	2066	Proposed	loop water across Canal
South138	58 St		South of Canal to 33 Ave S Stage 1	400			1	$ 2,208,000		$ 0			$ -			$ -	$ 2,208,000	2066	Proposed	
South140	58 St		33 Ave S to 44 Ave S Stage 1	500			3	$ 3,600,000		$ 0			$ -			$ -	$ 3,600,000	2046	Proposed	
South141	58 St		44 Ave S to 60 Ave S to Six-mile Coulee Stage 1	1200			1	$ 5,664,000		$ 0			$ -			$ -	$ 5,664,000	2082	Proposed	
South142	6 Avenue S		Scenic Dr S to MMD S Stage 2					$ -		$ 0			$ -			$ -	$ 0	2052	Proposed	Need to find out if this is off site funded
South143	SE Regional Lift Station	EO-6	SE Lift Station Phase 1					$ -		$ 0			$ -			$ -	$ 8,395,000	2030	Proposed	Need lift station estimate
South144	SE Regional Lift Station	EO-5	Regional Trunk Along 28 St N From 2 Ave N to 14 Ave N					$ -		$ 0	1800	500	$ 5,688,000			$ -	$ 9,270,000	2029	Proposed	Coordinate with North 80
South145	SE Regional Lift Station	EO-3	26 Avenue N - 23 St N to Stafford Regional Trunk as part of twinning					$ -		$ 0	530	0	$ 1,144,800			$ -	$ 1,144,800	2028	Proposed	Coordinate with North 90
South146	SE Regional Lift Station	EO-4	SE Gravity Sewer Parkside Dr S to 24 Ave S					$ -		$ 0		1800	$ 6,480,000			$ -	$ 9,066,000	2030	Proposed	
South147	SE Regional Lift Station	EO-4	SE Gravity Main 51 St S - 24 Ave S to 33 Ave S					$ -		$ 0		1200	$ 4,320,000			$ -	$ 6,044,000	2030	Proposed	
South148	SE Regional Lift Station		SE Gravity Main 33 Ave S to 44 Ave S					$ -		$ 0	700		$ 1,512,000			$ -	$ 1,512,000	2032	Proposed	
South149	SE Regional Lift Station		SE Lift Station Phase 2					$ -		$ 0			$ -			$ -	$ 0	2052	Proposed	
South150	SE Regional Lift Station		South of 44 Ave Trunks and North Lift station Upgrades					$ -		$ 0	630		$ 1,360,800			$ -	$ 1,360,800	2057	Proposed	
South151	SE Storm Outfall		SE Regional Storm outfall and trunk					$ -		$ 0	0	0	$ -	2500	500	$ 7,200,000	$ 7,200,000	2037	Proposed	
			West Lethbridge					$ -		$ 0			$ -			$ -	$ 0			
West2	West Siphon Screen Reloca	EO-1	West Siphon Screen Relocation Year 2					$ -		$ 0			$ -			$ -	$ 990,176	2024	Proposed	
West3	West Siphon Screen Reloca	EO-1	West Siphon Screen Relocation Year 1					$ -		$ 0			$ -			$ -	$ 960,403	2023	Proposed	
West5	Extreme West storm outfall	EO-8	Chinook outfall					$ -		$ 0			$ -		1400	$ 5,040,000	$ 5,040,000	2031	Proposed	
West154	Extreme West storm outfall		Macleod outfall					$ -		$ 0			$ -		1500	$ 5,400,000	$ 5,400,000	2057	Proposed	
West6	Extreme West/South storm outfall		Straight south from Metis					$ -		$ 0			$ -		1400	$ 5,040,000	$ 5,040,000	2075	Proposed	
West121	Chinook Trail		South West peninsula Lift Station					$ -		$ 0			$ -			$ -	$ 0	2054	Proposed	
West122	Chinook Trail		University Dr W to Metis Tr W Stage 1	2000			3	$ 10,080,000		$ 0			$ -			$ -	$ 10,080,000	2053	Proposed	
West123	Chinook Trail		University Dr W to Metis Tr W Underground					$ -	2000	$ 1,600,000	800		$ 1,728,000	400		$ 864,000	$ 4,192,000	2053	Proposed	
West124	Chinook Trail		Metis Tr W to Macleod Dr W Stage 1	1700			2	$ 8,304,000		$ 0			$ -			$ -	$ 8,304,000	2082	Proposed	
West125	Chinook Trail		Metis Tr W to Macleod Dr W Underground					$ -	1700	$ 1,360,000	800		$ 1,728,000	400		$ 864,000	$ 3,952,000	2082	Proposed	
West126	Chinook Trail		Macleod Dr W to Whoop-up Dr W Stage 1	2200			5	$ 11,904,000		$ 0			$ -			$ -	$ 11,904,000	2059	Proposed	
West127	Chinook Trail		Macleod Dr W to Whoop-up Dr W Underground					$ -	2200	$ 1,760,000	1700	500	$ 5,472,000	800		$ 1,728,000	$ 8,960,000	2059	Proposed	
West128	Chinook Trail		Whoop-up Dr W to Garry Dr W Stage 1	2000			4	$ 10,560,000		$ 0			$ -			$ -	$ 10,560,000	2052	Proposed	
West129	Chinook Trail		Whoop-up Dr W to Garry Dr W Underground					$ -	2000	$ 1,600,000	500	1500	$ 6,480,000	800		$ 1,728,000	$ 9,808,000	2052	Proposed	
West130	Chinook Trail		Garry Dr W to Walsh Dr W Stage 1	1200			2	$ 6,144,000		$ 0			$ -			$ -	$ 6,144,000	2069	Proposed	
West131	Chinook Trail		Garry Dr W to Walsh Dr W Underground					$ -	1200	$ 960,000	400	800	$ 3,744,000			$ -	$ 4,704,000	2052	Proposed	Undergrounds needs to be done sooner than road to service southwest development
West- central36	Whoop-Up Dr		Mauritania Blvd W to Chinook Tr W Stage 1	1200			3	$ 6,624,000		$ 0			$ -			$ -	$ 6,624,000	2065	Proposed	
West- central37	Whoop-Up Dr		30 St W to Chinook Tr W Underground					$ -	1200	$ 960,000	800		$ 1,728,000	400		$ 864,000	$ 3,552,000	2065	Proposed	800 flows west to Chinook,
West- central55	Metis Trail		Temple Blvd W to Whoop-up Dr W Stage 2	700			2	$ 3,984,000		$ 0			$ -			$ -	$ 3,984,000	2046	Proposed	
West- central56	Metis Trail		McLeod Dr W to Temple Blvd W Stage 2	1400			2	$ 7,008,000		$ 0			$ -			$ -	$ 7,008,000	2064	Proposed	
West- central57	Metis Trail		Whoop-up Dr W to Caledonia Blvd W Stage 2	700			1	$ 3,504,000		$ 0			$ -			$ -	$ 3,504,000	2037	Proposed	
West- central58	Metis Trail		Caledonia Blvd W to Garry Dr W Stage 2	1400			3	$ 7,488,000		$ 0			$ -			$ -	$ 7,488,000	2043	Proposed	
West- central59	Metis Trail		Garry Dr W to Walsh Dr W Stage 2	900			3	$ 5,328,000		$ 0			$ -			$ -	$ 5,328,000	2054	Proposed	
West- north7	Garry Dr. W		Garry Station Port W to Homestead Blvd W Stage 1	370			1	$ 2,078,400		$ 0			$ -			$ -	$ 2,078,400	2035	Proposed	
West- north8	Garry Dr. W		Garry Station Port W to Homestead Blvd W Underground					$ -	370	$ 296,000	370		$ 799,200			$ -	$ 1,095,200	2035	Proposed	
West- north9	Garry Dr. W		Squamish Blvd W to Garry Station Port W Stage 2	1200			2	$ 6,144,000		$ 0			$ -			$ -	$ 6,144,000	2046	Proposed	
West- north10	Garry Dr. W		Homestead Blvd W to Chinook Tr W Stage 1	450			1	$ 2,424,000		$ 0			$ -			$ -	$ 2,424,000	2055	Proposed	
West- north11	Garry Dr. W		Homestead Blvd W to Chinook Tr W Underground					$ -	450	$ 360,000			$ -			$ -	$ 360,000	2052	Proposed	
West- north17	University Dr N	CO-4	Walsh Dr W to Hwy 3 Interchange Design	0				$ -		$ 0			$ -			$ -	$ 610,660	2029	Proposed	we need a design value
West- north18	University Dr N	CO-5	Walsh Dr W to WLEC Commercial Access Stage 1	600			2	$ 3,552,000		$ 0			$ -			$ -	$ 3,552,000	2031	Proposed	Not likely to need anything until we reach Bridge Dr
West- north19	University Dr N	CO-5	Walsh Dr W to WLEC Commercial Access Underground					$ -	600	$ 480,000	400	200	$ 1,584,000	600		$ 1,296,000	$ 3,360,000	2031	Proposed	

West- north20	University Dr N		WLEC Commercial Access to Hwy 3 Interchange Stage 1	1000			1	$ 4,800,000		$ 0			$ -			$ -	$ 4,800,000	2039	Proposed	
West- north21	University Dr N		WLEC Commercial Access to Hwy 3 Interchange Underground					$ -	1000	$ 800,000	1000		$ 2,160,000	1000		$ 2,160,000	$ 5,120,000	2039	Proposed	
West- north22	University Dr N		Walsh Dr W to WLEC Commercial Access Stage 2	1000			2	$ 5,280,000		$ 0			$ -			$ -	$ 5,280,000	2069	Proposed	
West- north23	University Dr N		WLEC Commercial Access to Hwy 3 Interchange Stage 2	1000			1	$ 4,800,000		$ 0			$ -			$ -	$ 4,800,000	2069	Proposed	
West- north24	Water Main Looping		North of CPR Under CPR to West (Cased Crossing of CPR line By large Water line					$ -		$ 0			$ -			$ -	$ 0	2045	Proposed	See existing estimate
West- north25	Walsh Dr	CO-3	East of West Side Dr W to Metis Tr W Stage 2		1000	1	2	$ 6,900,000		$ 0			$ -			$ -	$ 8,544,000	2026	Proposed	We need to relook at the limits of these projects based on the Outline Plans
West- north26	Walsh Dr	CO-3	University Dr W to Metis Tr W Underground					$ -	1100	$ 880,000	600	500	$ 3,096,000	600	500	$ 3,096,000	$ 8,705,000	2025	Proposed	
West- north27	Walsh Dr		Metis Tr W to 400m W of Metis Tr W Stage 2		400		0	$ 1,968,000		$ 0			$ -			$ -	$ 1,968,000	2033	Proposed	
West- north28	Walsh Dr		Metis Tr W to 400m W of Metis Tr W Underground				0	$ -		$ 0	400		$ 864,000	400		$ 864,000	$ 1,728,000	2033	Proposed	Delete this project
West- north29	Walsh Dr		400m W of Metis Tr W to Chinook Tr W Stage 1	400				$ 1,728,000		$ 0			$ -			$ -	$ 1,728,000	2047	Proposed	
West- north30	Walsh Dr		400m W of Metis Tr W to Chinook Tr W Underground					$ -	1200	$ 960,000		1200	$ 4,320,000	400		$ 864,000	$ 6,144,000	2047	Proposed	
West- north31	Walsh Dr		East of West Side Dr W To 400m W of Metis Tr W Stage 2		1400	3		$ 9,948,000		$ 0			$ -			$ -	$ 9,948,000	2054	Proposed	
West- north41	Metis Trail		Walsh Dr W to "5 Ave" W Stage 1	800			3	$ 4,896,000		$ 0			$ -			$ -	$ 4,896,000	2060	Proposed	
West- north42	Metis Trail		Walsh Dr W to "5 Ave" W Stage 2	800			3	$ 4,896,000		$ 0			$ -			$ -	$ 4,896,000	2080	Proposed	
West- north43	Metis Trail		Walsh Dr W to "5 Ave" W Underground					$ -	800	$ 640,000	800		$ 1,728,000	800		$ 1,728,000	$ 4,096,000	2080	Proposed	
West- north44	Metis Trail		"5 Ave" W to West Side Drive Stage 1	1800			2	$ 8,736,000		$ 0			$ -			$ -	$ 8,736,000	2075	Proposed	Does not include intersection with Hwy 3
West- north45	Metis Trail		"5 Ave" W to West Side Drive Stage 2	1800			2	$ 8,736,000		$ 0			$ -			$ -	$ 8,736,000	2075	Proposed	
West- north46	Metis Trail		"5 Ave" W to West Side Drive Underground					$ -	1800	$ 1,440,000	1200	600	$ 4,752,000	1800		$ 3,888,000	$ 10,080,000	2072	Proposed	
West- north54	WLEC		"5 Ave " W/ Bridge Drive W Rail Crossing (Metis Tr W to University Dr W)					$ -		$ 0			$ -			$ -	$ 0	2082	Proposed	
West- south16	University Dr S		Sunridge Blvd W to Canyons Parkway W Stage 2		800		2	$ 4,896,000		$ 0			$ -			$ -	$ 4,896,000	2040	Proposed	
West- south49	Metis Trail	0	Temple Blvd W to Coalbrook Gate W Underground					$ -		$ 0	900		$ 1,944,000			$ -	$ 1,944,000	2022	Proposed	In Progress
West- south50	Metis Trail	CO-6	Coalbrook Gate W to Greatbear Blvd W Stage 1	700			1	$ 3,504,000		$ 0			$ -			$ -	$ 3,504,000	2033	Proposed	
West- south51	Metis Trail	CO-6	Coalbrook Gate W to Greatbear Blvd W Underground					$ -		$ 0	700		$ 1,512,000			$ -	$ 1,512,000	2033	Proposed	
West- south158	Metis Trail	CO-*	Intersection Metis Trail station Gate			1		$ 1,020,000		$ 0			$ -			$ -	$ 1,020,000	2028	Proposed	
West- south52	Metis Trail		Macleod Dr W to Chinook Tr W Stage 1	1200			2	$ 6,144,000		$ 0			$ -			$ -	$ 6,144,000	2058	Proposed	does not include Chinook and Metis Intersection. This intersection is with W122
West- south53	Metis Trail		Macleod Dr W to Chinook Tr W Underground					$ -		$ 0	1200		$ 2,592,000			$ -	$ 2,592,000	2058	Proposed	
								$ 348,704,400		$ 21,016,022			$ 71,056,800			$ 55,692,000	$ 517,689,177			