

2014-2023

Capital Improvement Program



City of Lethbridge

Alberta, Canada

**2014 -2023 CAPITAL IMPROVEMENT PROGRAM
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OVERVIEW OF MINUTES

Minutes
 (September 10th, 2012 – May 9th, 2013)



OFFICE OF
CITY MANGER

City of Lethbridge

June 10, 2013

HIS WORSHIP MAYOR DODIC
AND MEMBERS OF CITY COUNCIL

RE: 2014 TO 2023 CAPITAL IMPROVEMENT PROGRAM (CIP)

The accompanying 2014 to 2023 Capital Improvement Program (CIP) has been updated to include all of the amendments approved by Finance Committee in its deliberations during the week of May 6, 2013. The approval of a four (4) year Capital Plan within a ten (10) year context will allow planning and design to proceed in a timely fashion and all operating costs that flow from the Capital Plan will be incorporated into the 2015-2018 operating budget.

Over the last three years we have engaged the community as part of the development of several master planning documents. The community engagement has contributed to the prioritization of the projects being advanced in the capital plan. The community has also been engaged in the capital plan by way of several public presentations regarding potential projects (September 2012 through March 2013), online information and feedback opportunities (January 2013 to April 2013), open house and story boards (April 2nd to 5th, 2013), public meeting (April 15th, 2013), and through direct consultation with Finance Committee members.

The projects included in this Capital Improvement Program will shape our community for years to come. These projects reflect a desire firstly to complete projects which were previously approved, secondly to take care of the assets we currently own, and lastly to build new facilities that will enhance the quality of life of our citizens.

Respectfully submitted,

Garth Sherwin, C.A.
City Manager

**CITY OF LETHBRIDGE
CAPITAL IMPROVEMENT PROGRAM
EVALUATION PROCESS**

OVERVIEW

The ten year Capital Improvement Program was developed to provide a consistent evaluation process and to establish predictable capital spending and debt limits. An evaluation matrix was created to assist in the process of prioritizing various capital projects. Because the City of Lethbridge places a high priority on maintaining current capital assets, projects pertaining to ongoing maintenance, such as street and recreation facility upgrading, are considered as high priority projects and their ranking reflects that priority. It is recognized that new projects may be identified and/or certain events may occur which could change the relative ranking of existing projects. As a result, the ranking of projects is reevaluated each time a Capital Improvement Program is prepared (every 4 years).

EVALUATION CRITERIA

The following criteria form the basis of the evaluation matrix. Scoring for each criteria depends on the degree of impact - ie: the more positive the impact, the higher the score. Guidelines are available to assist in the scoring. It is recognized that some criteria are more important than others, therefore a higher weighting is assigned to their scores. The total points for each criterion are then calculated by multiplying the score by the weight.

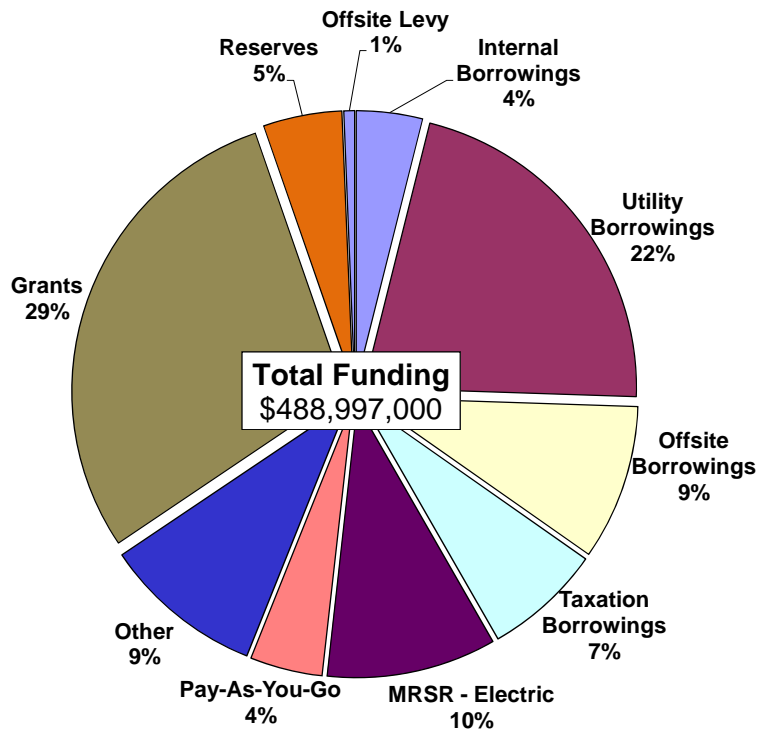
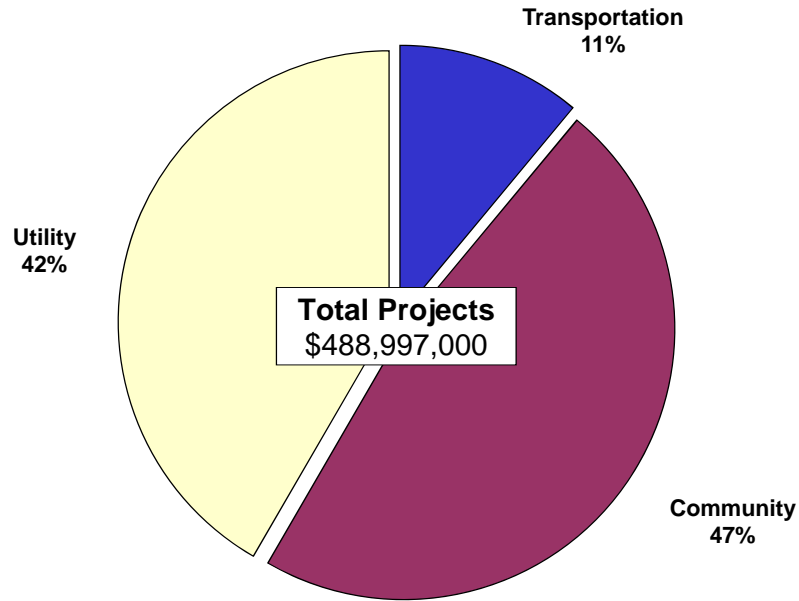
Transportation & Utility Projects

- Effect on ability to provide services
 - Likelihood of current assets failing
 - Condition of asset
 - Effectiveness of maintenance protocols
 - Functionality
 - Maintainability
 - Capacity
 - Consequence of failure of current assets
 - Health and safety of public and employees
 - Compliance with regulations
 - Financial consequence
 - Community/public image
 - Ability to respond to changing trends
- Health and safety
- Legislative and regulatory requirements
- Economic viability
- Environmental enhancement
- Public image and quality of life

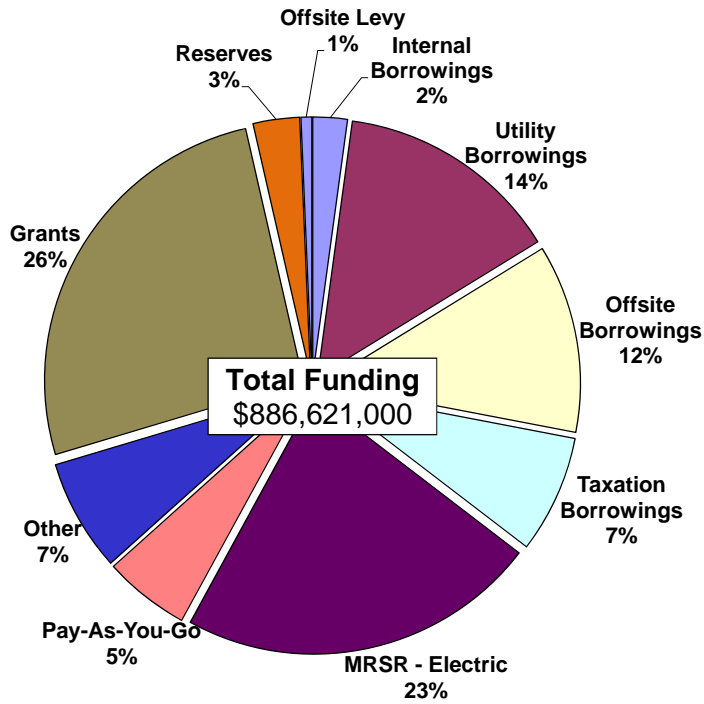
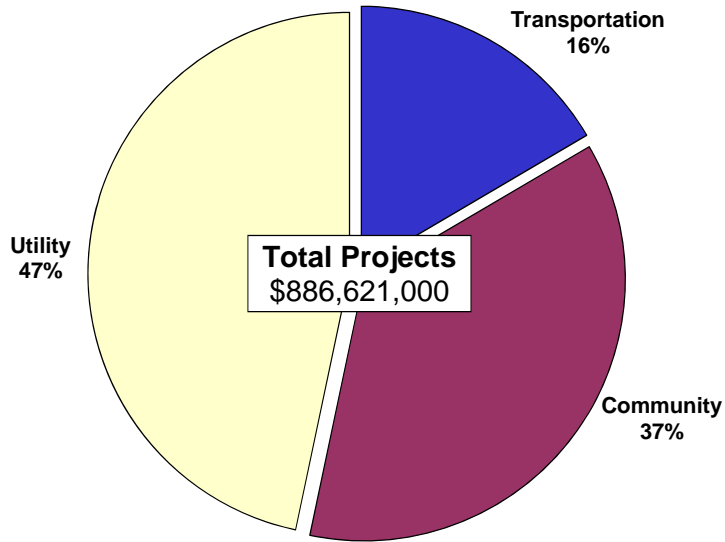
Community Projects

- Quality of life considerations
 - Support Council's strategic priorities
 - Maintaining current capital assets (Level of Service)
 - Community support
 - Health and safety improvements
 - Environmental impact
 - Social impact
 - Community vibrancy (cultural impact)
- Financial considerations
 - External capital contributions (grants, partnerships, donations)
 - Operating budget impact
 - Economic prosperity (development)

A - 3
City of Lethbridge
Capital Improvement Program
2014-2017
(4 years)



A - 4
City of Lethbridge
Capital Improvement Program
2014-2023
(10 years)



CITY OF LETHBRIDGE
PAY-AS-YOU-GO PLAN
EFFECT ON TAXATION

	2014	2015	2016	2017
	\$	\$	\$	\$
Taxation supported Pay-As-You-Go financing				
Transportation	1,849,000	1,909,000	1,972,000	2,037,000
Community	2,450,000	2,550,000	2,650,000	2,750,000
	<u>4,299,000</u>	<u>4,459,000</u>	<u>4,622,000</u>	<u>4,787,000</u>
Add annual debt charges to taxation	3,262,359	3,304,125	2,582,598	2,982,373
Add (less) taxation contribution to (from) Major Capital Projects Reserve	1,939,641	1,897,875	2,619,402	2,219,627
	<u>9,501,000</u>	<u>9,661,000</u>	<u>9,824,000</u>	<u>9,989,000</u>
Note 1				
Increase to taxation over prior year	<u>505,000</u>	<u>160,000</u>	<u>163,000</u>	<u>165,000</u>
% Increase to taxation over prior year	<u>0.48%</u>	<u>0.15%</u>	<u>0.15%</u>	<u>0.15%</u>

Note 1: As a result of the following Council Resolutions, the PAYG plan has been updated accordingly:

May 7, 2007: BE IT RESOLVED THAT the Pay-As-You-Go capacity be increased annually by 0.15% of the Municipal Tax Levy commencing in 2009

November 23, 2011: THEREFORE BE IT RESOLVED that the capacity of the Pay-As-You-Go Program be increased by a dedicated tax increase of one-third percent (1/3%) per year for 2012 - 2014.

2018	2019	2020	2021	2022	2023
\$	\$	\$	\$	\$	\$
2,105,000	2,175,000	2,248,000	2,324,000	2,402,000	2,483,000
2,850,000	2,950,000	3,050,000	3,150,000	3,250,000	3,350,000
4,955,000	5,125,000	5,298,000	5,474,000	5,652,000	5,833,000
4,926,152	4,923,907	4,923,907	4,923,907	4,923,907	4,923,907
275,848	278,093	278,093	278,093	278,093	278,093
10,157,000	10,327,000	10,500,000	10,676,000	10,854,000	11,035,000
168,000	170,000	173,000	176,000	178,000	181,000
0.15%	0.15%	0.15%	0.15%	0.15%	0.15%

City of Lethbridge

Amended March 2, 2015

Capital Improvement Program 2014 - 2023
Operating Budget Cycles Within This Capital Improvement Period
Taxation Net Operating Costs (Note 1)

	Page	Project Estimated Operating Costs (All amounts below are in thousands)							
		2015	2016	2017	2018	2019	2020	2021	2022
Transportation									
<u>Infrastructure - Transportation</u>									
Previously Approved Projects									
Whoop Up Dr (Coalbanks Gate to 30th Street)	C - 36 2011-2020	71	75	78	82	82	82	85	89
Maintain Safety									
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	35	36	38	40	42	44	46	49
Preserve Existing Infrastructure									
Railway Rehabilitation Program	C - 11	51	53	56	59	62	65	68	71
Provide Access for Growth (Offsite Levy)									
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	95	98	103	108	113	118	123	128
University Drive (Walsh to Commercial Access)	CO - 5			37	39	40	42	43	45
Metis Trail (Walsh to Whoop Up) Stage 1	CO - 7	41	43	44	46	48	50	80	83
28th Street North (Kodiak Gate to BlackWolf)	CO - 9				49	51	53	55	58
North Scenic Drive (Uplands Blvd N to 42 Ave N)	CO - 10					48	50	52	54
Community									
<u>Community Projects</u>									
Previously Approved Projects									
Transit Facility Expansion	D - 25 2011-2020	190	200	212	222	234	248	260	272
Lethbridge Regional Police Headquarters Expansion	D - 6		382	717	744	770	798	826	855
ATB Centre - Phase 1 (Ice Complex)	D - 7		314	334	356	379	403	428	453
Southern Alberta Ethnic Association Facility	D - 8	70	72	75	78	81	83	86	89
North Regional Park	D - 11			657	725	793	860	927	995
Maintain Current Assets									
Henderson Pool	D - 13		68	70	72	74	76	79	81
Park Lighting Replacement	D - 19	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)
South Side Fire Station Replacement	D - 21							81	196
ENMAX Air Conditioning	D - 23	94	133	136	140	145	149	154	158
Pathway Connections	D - 24				14	14	29	30	31
Lakeview Washrooms & Concession	D - 28	6	9	9	9	9	10	10	10
New Facilities									
3rd Avenue Reconstruction and Streetscaping	D - 30		28	29	30	32	33	34	35
ATB Centre - Phase 2 (Leisure Complex)	D - 32	100	100	350	650	3,330	3,450	3,550	3,650
New School Site Development	D - 33	63	152	158	165	171	178	185	193
North Regional Park (New Amenities)	D - 34				57	59	62	64	67
Yates Enhancement	D - 35								46
Vacant School Site Development	D - 36				71	74	77	80	83
Lethbridge Sports Park Change Rooms	D - 37		36	48	50	51	53	55	56
West Lethbridge Centre Washrooms (Sports Fields)	D - 38		26	33	34	35	36	38	39
Integrated Customer Service Strategy (Phase 1 & 2)	D - 39	200	208	216	225	234	243	253	263
Community Groups									
Spitz Stadium	D - 40	40	40	40	40	40	40	40	40
Neighborhood Skate Park (SLP Skate Park)	D - 41	15	16	16	17	18	18	19	20
Pay-As-You-Go Increase (Council Resolution July 9, 2007)		160	323	488	656	826	999	1,175	1,353
TOTAL OPERATING COSTS		1,186	2,367	3,899	4,733	7,810	8,304	8,882	9,517
Increase to taxation over prior year		\$1,186	\$1,181	\$1,532	\$ 834	\$3,077	\$ 494	\$ 577	\$ 635

Note 1: Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility costs, if applicable, and is net of any anticipated savings or revenues expected to result from the capital investment project.

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2014 - 2023
Net Operating Costs (Note 1)

		Project Estimated Operating Costs (All amounts below are in thousands)							
Page		2015	2016	2017	2018	2019	2020	2021	2022
Environmental Utilities									
<u>Waste & Recycling Services</u>									
Landfill									
	Landfill Gas & Leachate Mgt Systems Development	E - 8			180	190	200	210	210
	Waste & Recycling Centre Perimeter Berms and Fencing	E - 10	10	11	11	12	12	13	14
			10	11	11	192	202	213	223
<u>Wastewater</u>									
Wastewater Utility									
	Wastewater Treatment Plant Additional Digester	E - 15			30	40	45	50	55
	Wastewater Treatment Plant Additional Bioreactors	E - 19						10	20
				30	40	45	50	65	80
<u>Water</u>									
Water Utility									
	Water Treatment Plant Process Redundancy	E - 21		10	10	11	11	12	12
	Water Treatment Plant Residuals Management	E - 23	52	54	56	58	60	63	65
			52	64	66	69	71	75	77
<u>Combined Deep Utility</u>									
Urban Development (Offsite Levy)									
	SE Regional Lift Station	EO - 2			10	10	11	11	12
					10	10	11	11	12
TOTAL OPERATING COSTS			62	75	117	311	329	349	377
Utility Rate Impact:									
<u>Waste & Recycling Services</u>									
	Dollar increase to Landfill tipping fee over prior year		\$ 0.06	\$ 0.01	\$ -	\$ 1.16	\$ 0.06	\$ 0.07	\$ 0.06
	Debt servicing for licensing compliance (E - 4)		\$ 1.50	\$ 1.50					
	Total dollar increase to Landfill tipping fee over prior year		\$ 1.56	\$ 1.51	\$ -	\$ 1.16	\$ 0.06	\$ 0.07	\$ 0.06
<u>Wastewater</u>									
	Increase to utility rate over prior year		\$ -	\$ -	\$ 40	\$ 10	\$ 6	\$ 5	\$ 16
	Average annual % increase to utility rate		0.07%			0.05%			
<u>Water</u>									
	Increase to utility rate over prior year		\$ 52	\$ 12	\$ 2	\$ 3	\$ 2	\$ 4	\$ 2
	Average annual % increase to utility rate		0%			0%			

Note 1: Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility costs, if applicable, and is net of any anticipated savings or revenues expected to result from the capital investment project.

City of Lethbridge
Infrastructure - Electric Utility
Capital Improvement Program 2014 - 2023
Net Operating Costs (Note 1)

		Project Estimated Operating Costs (All amounts below are in thousands)								
Page		2015	2016	2017	2018	2019	2020	2021	2022	
Infrastructure - Electric Utility										
<u>Electric - Transmission</u>										
Substations										
	Northwest Substation for Additional Capacity	F - 4	100	105	110	116	122	128	134	
Transmission Lines										
	Northwest Lethbridge Transmission Line	F - 12	20	21	22	23	24	26	27	
<u>Electric -Distribution</u>										
Distribution										
	Infrastructure Replacement Program - Underground	F - 15	100	104	108	117	122	127	132	
	Secondary Metering (Advanced Meter Infrastructure)	F - 17	162	170	179	197	207	217	228	
TOTAL OPERATING COSTS			262	394	413	432	453	475	498	521
Increase to Electric Utility rate over prior year			\$ 262	\$ 132	\$ 19	\$ 19	\$ 21	\$ 22	\$ 23	\$ 23
Average annual % increase to Electric Utility rate			0.04%				0.01%			

Note 1: Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility costs, if applicable, and is net of any anticipated savings or revenues expected to result from the capital investment project.

CITY OF LETHBRIDGE

PAY-AS-YOU-GO PLAN

OVERVIEW

The objective of this plan is to build into current spending levels, ie: the four year operating budget, the costs associated with capital projects which are recurring, are of relatively small scale, or are for short-lived improvements.

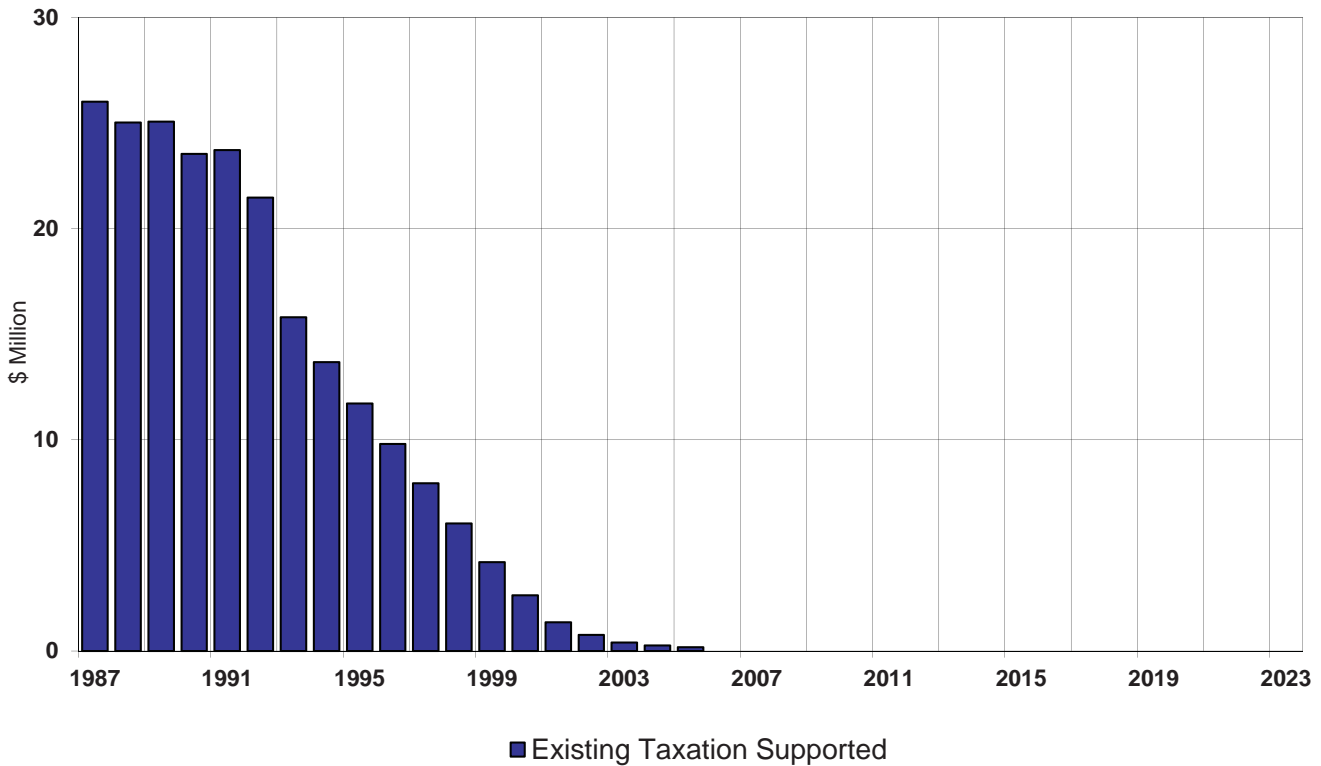
The plan was first introduced in 1991 and was fully implemented and funded by 1994. Short term financing of this plan is through the Major Capital Projects Reserve along with some internal borrowings from the Municipal Revenue Stabilization Reserve. In the longer term, debt servicing costs contained within the annual operating budgets will be replaced with the costs of the annual capital program, thereby saving the taxpayers within the City of Lethbridge the foregone interest charges.

The major **benefits** of this plan include:

- affordability
- elimination of interest charges from budgets
- greater flexibility provided in future operating budgets (ie. less funds will be committed to fixed debt servicing costs)
- a paid for infrastructure being left to the next generation
- sound financial planning to assist and attract private investment in our community.

Taxation Supported External Debt

And the Positive Impact of the Pay-As-You-Go Plan
1987-2023

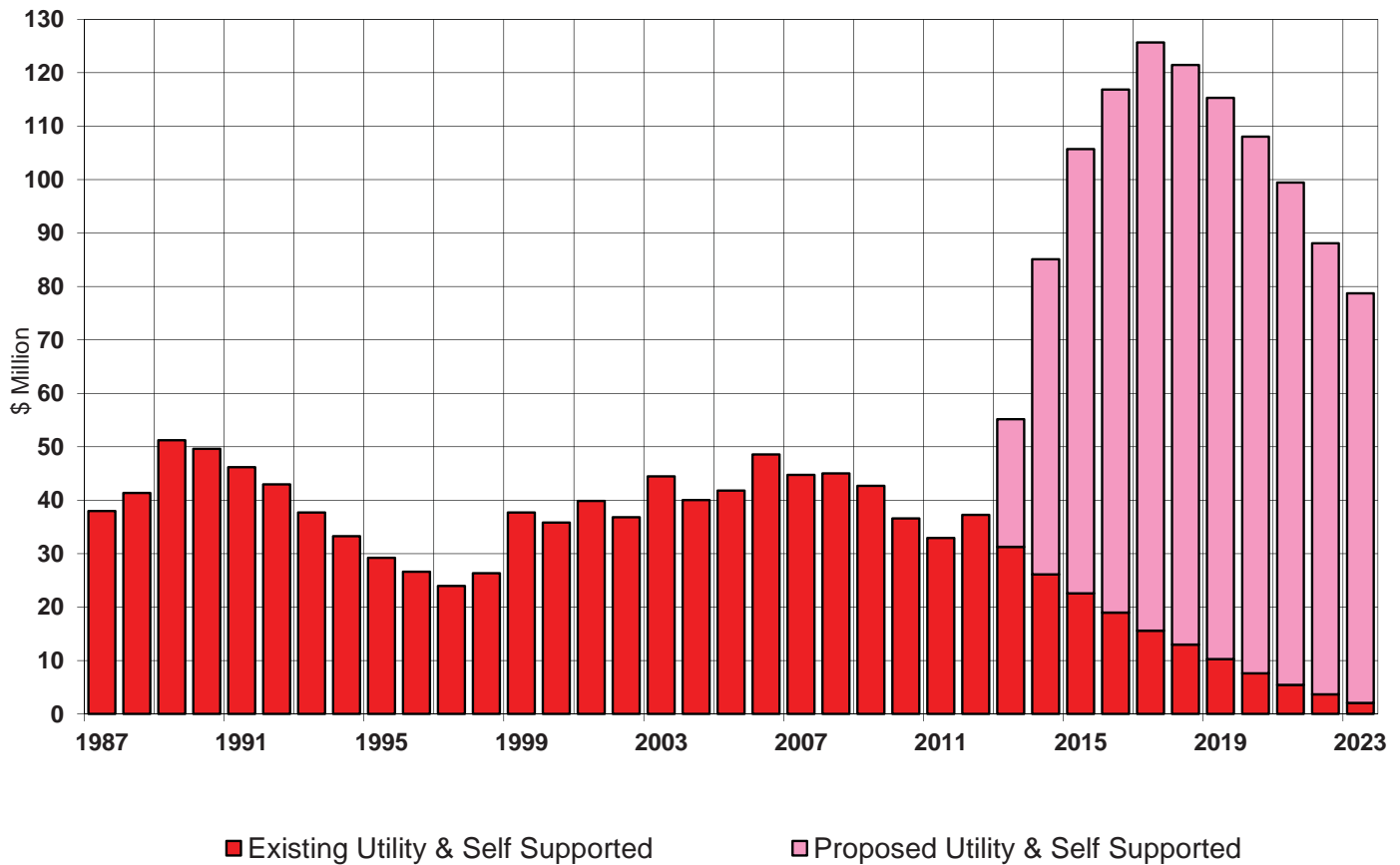


Taxation Supported External Debt for the City of Lethbridge peaked in 1987 at \$26 million. In 2006 the City of Lethbridge made its last debenture payment to become free of taxation supported external debt. The elimination of this taxation supported debt is a direct result of the Pay-As-You-Go Plan implemented by the City beginning in 1991. The benefits of the Pay-As-You-Go Plan are outlined on page B-1.

There is no proposed taxation supported external debt in this ten year Capital Improvement Program (CIP).

Utility/Self Supported External Debt

1987-2023

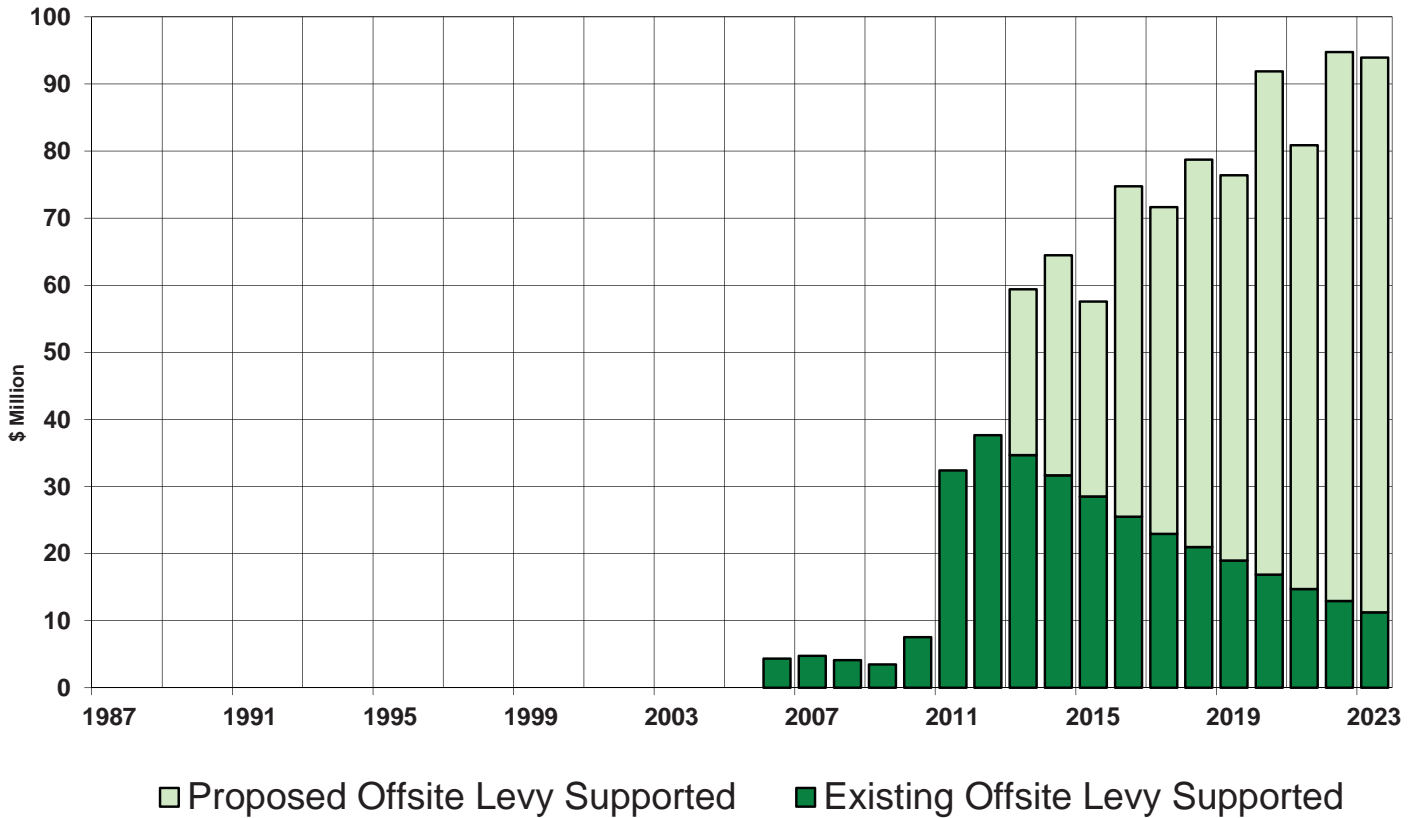


Utility supported debt includes borrowings for the Water Utility, Wastewater Utility, Waste & Recycling Utility, and Electric Utility. Self supported debt includes borrowings for local improvements, land development, and debt on behalf of external agencies.

There are significant utility capital projects required within this ten-year Capital Improvement Program. Proposed borrowings for these projects are listed on page B-5.

Offsite Levy Supported External Debt

1987-2023



Offsite Levy supported debt includes borrowings to fund growth related projects that will be repaid from offsite levies.

A levy increase is required to fund the offsite projects proposed in this Capital Improvement Program.

2013	\$207,000/ha
2014	\$221,000/ha
2015	\$234,000/ha
2016	\$249,000/ha
2017	To be determined

See page B-5 for a listing of proposed offsite levy supported borrowings contained in this ten-year Capital Improvement Program.

City of Lethbridge

Proposed Borrowings

Internal Borrowings (from Reserves)

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
All amounts below are in thousands of dollars											
General Fund											
Lethbridge Regional Police Headquarters Expansion	D - 6	11,928	1,197	-	-	-	-	-	-	-	13,125
ATB Centre - Phase 1 (Ice Complex)	D - 7	93	976	2,196	-	-	-	-	-	-	3,265
ATB Centre - Phase 2 (Leisure Complex)	D - 32	-	-	7,570	21,630	-	-	-	-	-	29,200
Total Internal Borrowing		12,021	2,173	9,766	21,630	-	-	-	-	-	45,590

External Borrowings

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
All amounts below are in thousands of dollars												
Waste & Recycling Services												
Waste & Recycling Centre Disposal Cell Development	E - 7	-	1,100	-	300	4,210	1,410	-	2,700	-	2,010	11,730
Landfill Gas & Leachate Mgt Systems Development	E - 8	500	-	-	4,440	530	-	30	-	30	-	5,530
Construction & Demolition Processing Area Development	E - 9	1,910	-	-	-	-	-	-	-	-	-	1,910
Waste & Recycling Centre Perimeter Berms and Fencing	E - 10	2,460	-	-	1,250	-	-	-	-	-	-	3,710
Waste Processing Facility Upgrade	E - 11	3,120	-	-	-	-	-	-	-	-	-	3,120
Recycling Depot	E - 12	-	-	1,500	-	-	-	-	-	-	-	1,500
		7,990	1,100	1,500	5,990	4,740	1,410	-	2,730	-	2,040	27,500
Wastewater Utility												
Wastewater Treatment Plant Headworks and Clarifier	E - 13	4,100	2,400	-	-	-	-	-	-	-	-	6,500
Wastewater Treatment Plant Additional Digester	E - 15	-	2,400	2,500	1,300	-	-	-	-	-	-	6,200
Wastewater Treatment Plant Security	E - 18	-	-	650	675	-	-	-	-	-	-	1,325
Wastewater Treatment Plant Additional Bioreactors	E - 19	-	-	-	-	1,000	3,200	4,050	-	-	-	8,250
		4,100	4,800	3,150	1,975	1,000	3,200	4,050	-	-	-	22,275
Water Utility												
Water Treatment Plant Process Redundancy	E - 21	2,200	2,300	-	-	-	-	-	-	-	-	4,500
Water Reservoir Upgrades	E - 22	2,100	1,875	1,050	1,088	-	-	-	-	-	-	6,113
Water Treatment Plant Residuals Management	E - 23	800	3,900	4,650	-	-	-	-	-	-	-	9,350
Water Treatment Plant and Reservoir Security	E - 26	-	-	650	675	-	-	-	-	-	-	1,325
		5,100	8,075	6,350	1,763	-	-	-	-	-	-	21,288
Electric Utility												
Northwest Substation for Additional Capacity	F - 4	9,000	2,730	-	-	-	-	-	-	-	-	11,730
Infrastructure Replacement Program - Underground	F - 15	5,150	5,408	5,678	5,962	-	-	-	-	-	-	22,198
Infrastructure Replacement Program - Overhead	F - 16	2,750	2,888	3,032	3,183	-	-	-	-	-	-	11,853
Secondary Metering (Advanced Meter Infrastructure)	F - 17	2,495	2,495	-	-	-	-	-	-	-	-	4,990
		19,395	13,521	8,710	9,145	-	-	-	-	-	-	50,771
Offsite Levy Projects												
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	563	-	-	-	-	-	-	-	-	-	563
University Drive (Walsh to Commercial Access)	CO - 5	-	-	4,824	-	-	-	-	-	-	-	4,824
Whoop Up Drive (McMaster to Aquitania Blvd W)	CO - 6	-	-	-	-	-	-	-	4,649	-	-	4,649
Metis Trail (Walsh to Whoop Up) Stage 1	CO - 7	6,068	-	-	-	-	3,302	-	-	-	-	9,370
28th Street North (Kodiak Gate to BlackWolf)	CO - 9	-	-	-	5,500	-	-	-	-	-	-	5,500
North Scenic Drive (Uplands Blvd N to 42 Ave N)	CO - 10	-	-	-	-	5,193	-	-	-	-	-	5,193
Metis Trail (Coalbanks Link to Waterbridge)	CO - 11	-	-	-	-	-	-	-	12,188	-	-	12,188
43rd Street South (Highway 4 to Clearview Entrance)	CO - 12	-	-	-	-	-	-	-	-	-	5,780	5,780
Metis Trail Drive Deep Utilities (Garry Dr to Whoop Up) NW	EO - 1	4,294	-	-	-	-	21,621	-	-	-	-	25,915
SE Regional Lift Station	EO - 2	-	-	15,500	-	-	-	-	-	-	-	15,500
West Siphon Screen Relocation	EO - 3	811	844	-	-	-	-	-	-	-	-	1,655
University Dr (Walsh to Commercial Access) Utility Serv	EO - 5	-	-	4,894	-	-	-	-	-	-	-	4,894
28th Street N (Kodiak Gate to BlackWolf) Deep Utilities	EO - 6	-	-	-	1,770	-	-	-	-	-	-	1,770
North Sanitary Siphon Twinning	EO - 7	-	-	-	-	6,392	6,590	-	-	-	-	12,982
Walsh & Metis Deep Utilities	EO - 8	-	-	-	-	5,868	-	-	-	-	-	5,868
Metis Trail Deep Utilities (Coalbanks to Waterbridge)	EO - 9	-	-	-	-	-	-	-	5,871	-	-	5,871
43rd St S Underground Utilities (Hwy 4 to Clearview)	EO - 10	-	-	-	-	-	-	-	-	-	3,527	3,527
		11,736	844	25,218	7,270	17,453	6,590	24,923	-	22,708	9,307	126,049
Total External Borrowing		48,321	28,340	44,928	26,143	23,193	11,200	28,973	2,730	22,708	11,347	247,883

City of Lethbridge

External Debt Payments

Including Borrowings Proposed in this Capital Improvement Program

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
All amounts below are in thousands of dollars										
Taxation Supported	-	-	-	-	-	-	-	-	-	-
Self Supported										
Local Improvement	61	26	26	26	26	26	-	-	-	-
Land Development	553	553	553	553	553	553	553	84	-	-
External Agencies	151	-	-	-	-	-	-	-	-	-
	<u>765</u>	<u>579</u>	<u>579</u>	<u>579</u>	<u>579</u>	<u>579</u>	<u>553</u>	<u>84</u>	<u>-</u>	<u>-</u>
Utility Supported										
Waste & Recycling Services										
Collection	364	257	257	71	71	71	-	-	-	-
Landfill	3,486	2,870	3,046	3,046	2,823	3,170	3,296	3,245	3,714	3,714
Recycling	-	-	-	134	134	134	134	134	134	134
	<u>3,850</u>	<u>3,127</u>	<u>3,302</u>	<u>3,251</u>	<u>3,028</u>	<u>3,375</u>	<u>3,430</u>	<u>3,379</u>	<u>3,848</u>	<u>3,848</u>
Wastewater										
Buildings	691	691	691	691	691	691	691	691	691	523
Collection	125	125	125	125	125	125	125	125	-	-
Equipment	-	-	-	145	295	295	295	295	150	-
Treatment	368	774	1,204	1,427	1,480	1,436	1,703	2,117	2,117	2,117
	<u>1,185</u>	<u>1,590</u>	<u>2,020</u>	<u>2,388</u>	<u>2,592</u>	<u>2,548</u>	<u>2,815</u>	<u>3,228</u>	<u>2,958</u>	<u>2,640</u>
Water										
Buildings	511	511	511	511	511	511	511	511	511	511
Distribution	413	601	768	862	959	959	959	867	572	572
Equipment	-	-	-	145	295	295	295	295	150	-
Treatment	703	734	1,209	1,450	1,331	1,331	1,331	1,331	1,331	1,331
	<u>1,628</u>	<u>1,846</u>	<u>2,489</u>	<u>2,968</u>	<u>3,096</u>	<u>3,096</u>	<u>3,096</u>	<u>3,004</u>	<u>2,564</u>	<u>2,414</u>
Electric										
Distribution	1,551	2,479	3,443	4,221	5,037	5,037	5,037	5,037	5,037	5,037
Transmission	-	804	1,047	1,047	1,047	1,047	1,047	1,047	1,047	1,047
	<u>1,551</u>	<u>3,283</u>	<u>4,490</u>	<u>5,268</u>	<u>6,085</u>	<u>6,085</u>	<u>6,085</u>	<u>6,085</u>	<u>6,085</u>	<u>6,085</u>
Offsite Levy Supported										
Transportation	3,755	4,437	4,437	4,972	5,168	3,552	3,429	3,733	2,675	4,224
Water & Wastewater	4,834	5,515	5,634	8,133	7,855	8,339	8,946	10,935	9,413	9,804
	<u>8,590</u>	<u>9,952</u>	<u>10,071</u>	<u>13,105</u>	<u>13,023</u>	<u>11,891</u>	<u>12,374</u>	<u>14,668</u>	<u>12,088</u>	<u>14,028</u>
Total External Debt Payments	<u>17,569</u>	<u>20,377</u>	<u>22,952</u>	<u>27,559</u>	<u>28,403</u>	<u>27,574</u>	<u>28,354</u>	<u>30,447</u>	<u>27,542</u>	<u>29,014</u>
Debt Service Limit										
Estimated Debt Service Limit (note 1)	79,100	81,500	83,900	86,400	89,000	91,700	94,500	97,300	100,200	103,200
Estimated Debt Service Limit remaining	61,500	61,100	60,900	58,800	60,600	64,100	66,100	66,900	72,700	74,200

Note 1: The debt service limit is calculated as 0.25 times the revenue of the City (as defined in Alberta Regulations 375/94). Incurring debt beyond this limit requires approval by the Minister of Municipal Affairs.

City of Lethbridge

Internal Borrowings (Reserve Repayments)

Including Borrowings Proposed in this Capital Improvement Program

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	3,855	3,897	3,160	3,544	5,487	5,485	5,485	5,485	5,485	5,485
Technology & Systems	430	-	-	-	-	-	-	-	-	-
	<u>4,285</u>	<u>3,897</u>	<u>3,160</u>	<u>3,544</u>	<u>5,487</u>	<u>5,485</u>	<u>5,485</u>	<u>5,485</u>	<u>5,485</u>	<u>5,485</u>
Self Supported										
Local Improvement	258	286	280	255	231	194	194	160	148	137
Land Development	556	556	556	556	556	556	556	-	-	-
School Buses	113	113	113	113	113	113	113	113	113	113
	<u>927</u>	<u>954</u>	<u>949</u>	<u>923</u>	<u>900</u>	<u>863</u>	<u>863</u>	<u>273</u>	<u>260</u>	<u>250</u>
Total Reserve Repayments	<u>5,212</u>	<u>4,851</u>	<u>4,108</u>	<u>4,467</u>	<u>6,387</u>	<u>6,348</u>	<u>6,348</u>	<u>5,758</u>	<u>5,746</u>	<u>5,736</u>

City of Lethbridge

External Debt Balance

Including Borrowings Proposed in this Capital Improvement Program

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
All amounts below are in thousands of dollars										
Taxation Supported	-	-	-	-	-	-	-	-	-	-
Self Supported										
Local Improvement	119	97	74	50	25	-	-	-	-	-
Land Development	2,947	2,520	2,075	1,609	1,122	614	82	-	-	-
	<u>3,065</u>	<u>2,617</u>	<u>2,148</u>	<u>1,659</u>	<u>1,148</u>	<u>614</u>	<u>82</u>	<u>-</u>	<u>-</u>	<u>-</u>
Utility Supported										
Waste & Recycling Services										
Collection	678	444	201	136	69	-	-	-	-	-
Landfill	19,927	18,992	16,752	20,122	23,209	22,430	20,071	20,356	17,465	16,453
Recycling	-	-	1,500	1,425	1,348	1,267	1,183	1,095	1,004	909
	<u>20,605</u>	<u>19,436</u>	<u>18,454</u>	<u>21,684</u>	<u>24,626</u>	<u>23,697</u>	<u>21,254</u>	<u>21,451</u>	<u>18,469</u>	<u>17,363</u>
Wastewater										
Buildings	5,148	4,636	4,106	3,557	2,989	2,401	1,792	1,161	508	-
Collection	744	652	555	454	348	237	121	-	-	-
Equipment	-	-	650	1,205	956	696	427	146	-	-
Treatment	5,970	10,230	11,929	12,272	12,275	14,523	17,506	16,221	14,878	13,474
	<u>11,862</u>	<u>15,518</u>	<u>17,240</u>	<u>17,488</u>	<u>16,568</u>	<u>17,858</u>	<u>19,846</u>	<u>17,528</u>	<u>15,386</u>	<u>13,474</u>
Water										
Buildings	5,480	5,166	4,842	4,505	4,156	3,794	3,419	3,031	2,627	2,210
Distribution	4,625	6,087	6,613	7,102	6,424	5,718	4,982	4,308	3,904	3,485
Equipment	-	-	650	1,205	956	696	427	146	-	-
Treatment	4,712	10,378	14,236	13,350	12,545	11,708	10,837	9,931	8,989	8,008
	<u>14,817</u>	<u>21,631</u>	<u>26,340</u>	<u>26,162</u>	<u>24,081</u>	<u>21,917</u>	<u>19,665</u>	<u>17,416</u>	<u>15,521</u>	<u>13,703</u>
Electric										
Distribution	25,766	35,207	41,970	48,651	45,626	42,473	39,186	35,760	32,189	28,465
Transmission	9,000	11,282	10,680	10,053	9,401	8,723	8,018	7,284	6,520	5,725
	<u>34,766</u>	<u>46,489</u>	<u>52,650</u>	<u>58,704</u>	<u>55,027</u>	<u>51,196</u>	<u>47,204</u>	<u>43,044</u>	<u>38,709</u>	<u>34,190</u>
Offsite Levy Supported										
Transportation	19,267	15,478	16,397	17,497	18,167	15,290	15,734	12,611	27,275	29,988
Water & Wastewater	45,192	42,096	58,325	54,127	60,557	61,101	76,131	68,248	67,464	63,939
	<u>64,458</u>	<u>57,574</u>	<u>74,723</u>	<u>71,624</u>	<u>78,724</u>	<u>76,391</u>	<u>91,865</u>	<u>80,859</u>	<u>94,739</u>	<u>93,927</u>
Total External Debt Balance	<u>149,574</u>	<u>163,265</u>	<u>191,555</u>	<u>197,321</u>	<u>200,174</u>	<u>191,672</u>	<u>199,916</u>	<u>180,298</u>	<u>182,824</u>	<u>172,656</u>
Debt Limit										
Estimated Debt Limit (note 1)	474,700	488,900	503,600	518,700	534,300	550,300	566,800	583,800	601,300	619,300
Estimated Debt Limit remaining	325,100	325,600	312,000	321,400	334,100	358,600	366,900	403,500	418,500	446,600

Note 1: The debt limit is calculated as 1.5 times the revenue of the City (as defined in Alberta Regulations 375/94). Incurring debt beyond this limit requires approval by the Minister of Municipal Affairs.

City of Lethbridge

Internal Borrowings Balance

Including Borrowings Proposed in this Capital Improvement Program

	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	25,936	25,471	33,330	53,015	49,902	46,651	43,256	39,710	36,005	32,134
Technology & Systems	20	20	20	20	20	20	20	20	20	20
	<u>25,956</u>	<u>25,491</u>	<u>33,350</u>	<u>53,035</u>	<u>49,921</u>	<u>46,671</u>	<u>43,276</u>	<u>39,730</u>	<u>36,025</u>	<u>32,154</u>
Self Supported										
Local Improvement	1,126	1,091	1,064	1,066	894	751	601	477	359	244
Land Development	9,448	9,020	8,572	8,105	7,617	7,107	6,575	6,575	6,575	6,575
School Buses	932	857	778	697	612	523	431	335	235	131
	<u>11,506</u>	<u>10,968</u>	<u>10,415</u>	<u>9,867</u>	<u>9,122</u>	<u>8,381</u>	<u>7,607</u>	<u>7,387</u>	<u>7,169</u>	<u>6,950</u>
Total Internal Borrowings Balance	<u>37,462</u>	<u>36,458</u>	<u>43,765</u>	<u>62,902</u>	<u>59,044</u>	<u>55,052</u>	<u>50,883</u>	<u>47,117</u>	<u>43,194</u>	<u>39,104</u>

**INFRASTRUCTURE
TRANSPORTATION
CAPITAL IMPROVEMENT PROJECTS
2014-2023**

City of Lethbridge
Infrastructure - Transportation
Capital Improvement Program 2014 - 2023 Projects
Commencing in the First Four Years

Project Costs	Page	Project Costs				
		2014	2015	2016	2017	2018-2023
All amounts below are in thousands						
Infrastructure - Transportation						
<u>Transportation</u>						
Maintain Safety						
Intersection Improvements - Non-Growth	C - 5	1,201	106	1,325	1,391	9,942
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	1,042	831	873	916	6,541
Gravelled Roadway Upgrading	C - 7	840		1,200		960
Barrier Free Pedestrian Access	C - 8	288	302	318	334	2,384
		<u>3,371</u>	<u>1,240</u>	<u>3,716</u>	<u>2,642</u>	<u>19,828</u>
Preserve Existing Infrastructure						
Arterial Rehabilitation Program	C - 9	1,159	1,217	1,278	1,342	9,584
Bridge Rehabilitation Program	C - 10	988	2,100	306	325	4,188
Railway Rehabilitation Program	C - 11	576	587	598	610	3,926
Traffic Signals Replacement	C - 12	450	473	497	522	3,730
Major Sidewalk Rehabilitation Program	C - 13	220	231	243	255	1,824
Paved Lane Rehabilitation Program	C - 14	350	263	276	289	2,067
Community Lighting - Rehabilitation	C - 15	150	158	166	175	1,248
		<u>3,893</u>	<u>5,029</u>	<u>3,364</u>	<u>3,518</u>	<u>26,566</u>
Upgrade Existing System						
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			500		
				<u>500</u>		
Provide Access for Growth (Offsite Levy)						
Intersection Improvements - Growth	CO - 1	1,158				9,584
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	1,500				
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	345				
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	345				
University Drive (Walsh to Commercial Access)	CO - 5		361	4,824		
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6				11,600	
Metis Trail (Walsh to Whoop Up)	CO - 7	7,078			9,700	
44th Avenue North (Scenic Dr N to 43rd St N) Preliminary Design	CO - 8		370			
28th Street North (Kodiak Gate to BlackWolf)	CO - 9				5,500	
North Scenic Drive (Uplands Blvd N to 42 Ave N)	CO - 10	200				5,193
		<u>10,626</u>	<u>731</u>	<u>4,824</u>	<u>26,800</u>	<u>14,777</u>
TOTAL PROJECTS		17,890	6,999	12,404	32,960	61,171
Project Funding						
Borrowing - Offsites		6,631		4,824	21,000	5,193
Developer Front End Financed						(1,972)
Grant - Basic Municipal Transportation		6,795	4,246	5,540	8,066	38,918
Grant - Federal Gas Tax Fund (FGTF)		2,019	762	800	840	5,996
Offsite Levy		705	731			4,729
PAYG - Transportation		1,740	1,260	1,240	3,054	8,307
TOTAL FUNDING		17,890	6,999	12,404	32,960	61,171

City of Lethbridge
Infrastructure - Transportation
Capital Improvement Program 2014 - 2023

Project Costs	Page	Project Costs										
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
		All amounts below are in thousands										
Infrastructure - Transportation												
<u>Transportation</u>												
Maintain Safety												
Intersection Improvements - Non-Growth	C - 5	1,201	106	1,325	1,391	1,461	1,534	1,612	1,693	1,777	1,865	13,966
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	1,042	831	873	916	962	1,010	1,060	1,113	1,168	1,227	10,204
Gravelled Roadway Upgrading	C - 7	840		1,200		960						3,000
Barrier Free Pedestrian Access	C - 8	288	302	318	334	350	368	386	406	426	448	3,626
Preserve Existing Infrastructure												
Arterial Rehabilitation Program	C - 9	1,159	1,217	1,278	1,342	1,409	1,479	1,553	1,631	1,713	1,799	14,580
Bridge Rehabilitation Program	C - 10	988	2,100	306	325	338	2,425	356	356	356	356	7,906
Railway Rehabilitation Program	C - 11	576	587	598	610	622	635	648	661	674	686	6,298
Traffic Signals Replacement	C - 12	450	473	497	522	548	576	605	635	666	700	5,671
Major Sidewalk Rehabilitation Program	C - 13	220	231	243	255	268	282	296	310	326	342	2,773
Paved Lane Rehabilitation Program	C - 14	350	263	276	289	304	319	335	352	369	388	3,244
Community Lighting - Rehabilitation	C - 15	150	158	166	175	184	193	202	212	223	234	1,897
Upgrade Existing System												
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			500								500
Transportation Master Plan Update	C - 17					975						975
Provide Access for Growth (Offsite Levy)												
Intersection Improvements - Growth	CO - 1	1,158				1,408	1,479	1,554	1,632	1,713	1,798	10,742
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	1,500										1,500
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	345										345
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	345										345
University Drive (Walsh to Commercial Access)	CO - 5		361	4,824								5,186
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6				11,600							11,600
Metis Trail (Walsh to Whoop Up)	CO - 7	7,078			9,700							16,778
44th Avenue North (Scenic Dr N to 43rd St N) Preliminary Design	CO - 8		370									370
28th Street North (Kodiak Gate to BlackWolf)	CO - 9				5,500							5,500
North Scenic Drive (Uplands Blvd N to 42 Ave N)	CO - 10	200				5,193						5,393
Metis Trail (Coalbanks Link to Waterbridge)	CO - 11									12,188		12,188
43rd Street South (Highway 4 to Clearview Entrance)	CO - 12										5,780	5,780
		17,890	6,999	12,404	32,960	14,983	10,300	8,607	9,000	21,599	15,624	150,367
TOTAL PROJECTS		17,890	6,999	12,404	32,960	14,983	10,300	8,607	9,000	21,599	15,624	150,367
Project Funding												
Borrowing - Offsites		6,631		4,824	21,000	5,193				12,188	5,780	55,616
Developer Front End Financed						(1,972)						(1,972)
Grant - Basic Municipal Transportation		6,795	4,246	5,540	8,066	7,133	7,457	5,890	6,156	6,433	6,725	64,440
Grant - Federal Gas Tax Fund (FGTF)		2,019	762	800	840	882	926	972	1,020	1,071	1,125	10,417
Offsite Levy		705	731			2,377	425	447	470	493	517	6,166
PAYG - Transportation		1,740	1,260	1,240	3,054	1,370	1,493	1,298	1,355	1,414	1,477	15,700
TOTAL FUNDING		17,890	6,999	12,404	32,960	14,983	10,300	8,607	9,000	21,599	15,624	150,367

City of Lethbridge

**Infrastructure - Transportation
Capital Improvement Program 2014 - 2023
Net Operating Costs**

Please refer to A-6 for operating cost information related to this section.

Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility cost if applicable.

Grant - Basic Municipal Transportation (BMTG)

Forecast

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
All amounts below are in thousands of dollars												
Opening Balance	6,800	5,424	6,672	6,705	4,288	2,885	1,238	1,237	1,054	677		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(1,100)	(1,213)	(1,274)	(1,338)	(1,405)	(1,476)	(1,550)	(1,627)	(1,708)	(12,691)	
Gravelled Roadway Upgrading	C - 7	(770)	(1,100)		(880)						(2,750)	
Barrier Free Pedestrian Access	C - 8	(144)	(151)	(159)	(167)	(175)	(184)	(193)	(203)	(213)	(1,813)	
Arterial Rehabilitation Program	C - 9		(1,095)	(1,150)	(1,208)	(1,268)	(1,331)	(1,398)	(1,468)	(1,542)	(12,079)	
Bridge Rehabilitation Program	C - 10	(869)	(1,848)	(270)	(286)	(297)	(2,134)	(314)	(314)	(314)	(6,958)	
Railway Rehabilitation Program	C - 11	(396)	(404)	(411)	(419)	(428)	(437)	(446)	(454)	(463)	(4,330)	
Traffic Signals Replacement	C - 12	(413)	(433)	(455)	(479)	(503)	(528)	(554)	(582)	(611)	(5,199)	
Major Sidewalk Rehabilitation Program	C - 13	(200)	(210)	(221)	(232)	(244)	(256)	(269)	(282)	(296)	(2,521)	
Community Lighting - Rehabilitation	C - 15	(100)	(105)	(110)	(116)	(122)	(128)	(134)	(141)	(148)	(1,259)	
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			(450)							(450)	
Transportation Master Plan Update	C - 17				(875)						(875)	
Intersection Improvements - Growth	CO - 1	(825)			(1,003)	(1,054)	(1,107)	(1,162)	(1,220)	(1,281)	(7,652)	
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	(581)									(581)	
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	(194)									(194)	
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	(194)									(194)	
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6			(3,886)							(3,886)	
Metis Trail (Walsh to Whoop Up)	CO - 7	(1,010)									(1,010)	
		(6,796)	(4,246)	(5,540)	(8,066)	(7,133)	(7,457)	(5,890)	(6,156)	(6,433)	(64,441)	
Additions:												
Grant Funding		5,419	5,495	5,572	5,650	5,729	5,809	5,890	5,973	6,056	6,141	57,734
		5,419	5,495	5,572	5,650	5,729	5,809	5,890	5,973	6,056	6,141	57,734
Closing Balance		5,424	6,672	6,705	4,288	2,885	1,238	1,237	1,054	677	93	

Under the Basic Municipal Transportation Grant, the City of Lethbridge is eligible to receive an annual grant based on the \$60 per capita and the previous year's official population. Projects such as construction and/or rehabilitation of local and regional roads and streets, construction and/or rehabilitation of municipal bridges and bus purchases are all eligible under this program.

PAYG - Transportation

Forecast

	Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
All amounts below are in thousands of dollars												
Opening Balance		322	431	1,081	1,812	796	1,236	1,638	2,326	3,049	3,808	
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(101)	(106)	(112)	(117)	(123)	(129)	(136)	(143)	(150)	(157)	(1,275)
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(66)	(69)	(73)	(76)	(80)	(84)	(88)	(93)	(97)	(102)	(830)
Gravelled Roadway Upgrading	C - 7	(70)		(100)		(80)						(250)
Barrier Free Pedestrian Access	C - 8	(144)	(151)	(159)	(167)	(175)	(184)	(193)	(203)	(213)	(224)	(1,813)
Arterial Rehabilitation Program	C - 9	(116)	(122)	(128)	(134)	(141)	(148)	(155)	(163)	(171)	(180)	(1,458)
Bridge Rehabilitation Program	C - 10	(119)	(252)	(37)	(39)	(41)	(291)	(43)	(43)	(43)	(43)	(949)
Railway Rehabilitation Program	C - 11	(180)	(184)	(187)	(191)	(195)	(199)	(203)	(207)	(211)	(215)	(1,968)
Traffic Signals Replacement	C - 12	(38)	(39)	(41)	(44)	(46)	(48)	(50)	(53)	(56)	(58)	(473)
Major Sidewalk Rehabilitation Program	C - 13	(20)	(21)	(22)	(23)	(24)	(26)	(27)	(28)	(30)	(31)	(252)
Paved Lane Rehabilitation Program	C - 14	(350)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(388)	(3,244)
Community Lighting - Rehabilitation	C - 15	(50)	(53)	(56)	(59)	(62)	(65)	(68)	(71)	(75)	(79)	(638)
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			(50)								(50)
Transportation Master Plan Update	C - 17					(100)						(100)
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	(357)										(357)
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	(64)										(64)
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	(65)										(65)
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6				(1,914)							(1,914)
Metis Trail (Loan Interest Payment)	CO - 7					(295)	(280)	(262)	(246)	(229)		(1,312)
		(1,740)	(1,260)	(1,240)	(3,054)	(1,665)	(1,773)	(1,560)	(1,601)	(1,643)	(1,477)	(17,012)
Additions:												
Current Year Funding		1,849	1,909	1,972	2,037	2,105	2,175	2,248	2,324	2,402	2,483	21,504
		1,849	1,909	1,972	2,037	2,105	2,175	2,248	2,324	2,402	2,483	21,504
Closing Balance		431	1,081	1,812	796	1,236	1,638	2,326	3,049	3,808	4,814	



Major Program: **Maintain Safety**Project Title: **Intersection Improvements - Non-Growth**Dept - Project #: **6a**Start Year: **2014**End Year: **Ongoing**Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Intersection improvements including new traffic signals, signal equipment upgrades, geometric improvements, pedestrian accommodation, pavement markings and addressing capacity and safety requirements. Improvement may also be made pertaining to traffic calming measures at either intersection or along the roadway between intersections.</p> <p>The attached map identifies administration's estimate of intersections that may be improved in the short term (3-5 years).</p> <p>Intersections are reviewed on a case by case basis. The timing and type of intersection improvement is based on operational analysis and recognized safety warrants.</p> <p>The following intersections are identified for improvements over the next 3-5 years (if warranted):</p> <ul style="list-style-type: none"> • 13 St N/5 Ave N • 13 St S/16 Ave S • 36 ST N/9 Ave N • 36 St N/5 Ave N • 20 St S/10 Ave S • 2 Ave N/Mayor Magrath Dr • 13 St N/8 Ave N (ped flasher) • 13 St N/23 Ave N (ped flasher) • 9 Ave N/18 St N (ped flasher) 	<p>These intersection improvements will ensure safety is maintained and acceptable levels of service are restored. Also, they typically increase safety, reduce traffic congestion, incidents, traffic delays, road user costs, travel times, vehicle emissions and driver/neighbourhood frustration.</p> <p>These types of improvements typically provide the highest benefit-cost ratio of all capital roadway improvements. These intersections are not specifically related to growth but are safety improvements which are required for arterial intersections; or safety/capacity improvements on collector and local roadways. Improvements may also be made within the roadway pertaining to traffic calming measures.</p> <p>Example of analysis and warrants include:</p> <ul style="list-style-type: none"> - level of service (LOS) - volume to capacity - traffic incidents - pedestrian safety - traffic control devices - geometric standards - etc. <p>as identified by Transportation Association of Canada (TAC) and the Institute of Transportation Engineers (ITE).</p>

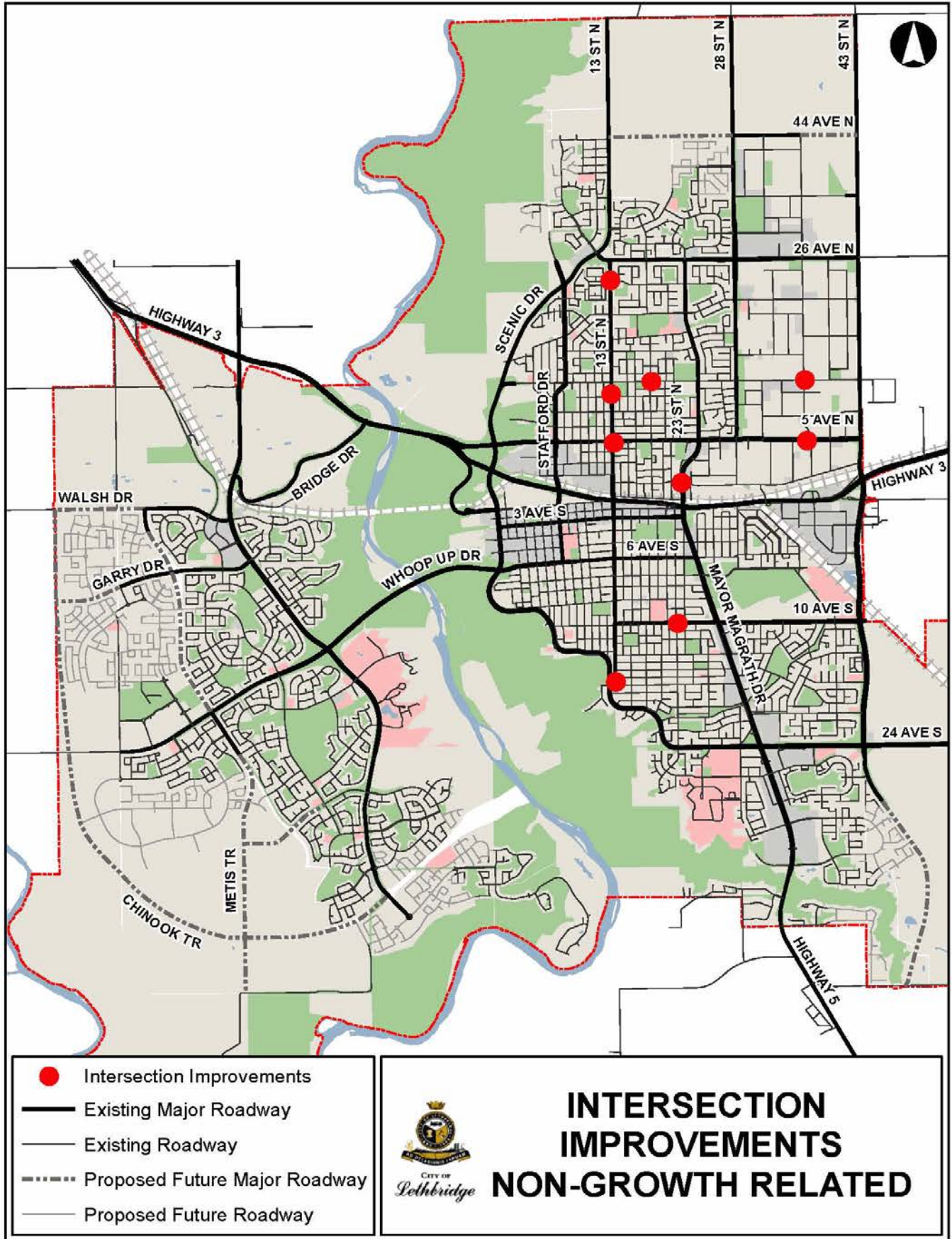
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		1,013		1,117	1,173	1,232	1,294	1,359	1,427	1,498	1,573	11,686
Consultive Services		87		96	101	106	111	117	123	129	135	1,005
		<u>1,100</u>		<u>1,213</u>	<u>1,274</u>	<u>1,338</u>	<u>1,405</u>	<u>1,476</u>	<u>1,550</u>	<u>1,627</u>	<u>1,708</u>	<u>12,691</u>
Costs - Non-Shareable												
Other		101	106	112	117	123	129	136	143	150	157	1,275
		<u>101</u>	<u>106</u>	<u>112</u>	<u>117</u>	<u>123</u>	<u>129</u>	<u>136</u>	<u>143</u>	<u>150</u>	<u>157</u>	<u>1,275</u>
Total Costs		<u>1,201</u>	<u>106</u>	<u>1,325</u>	<u>1,391</u>	<u>1,461</u>	<u>1,534</u>	<u>1,612</u>	<u>1,693</u>	<u>1,777</u>	<u>1,865</u>	<u>13,966</u>
Funding												
Grant - Basic Municipal Transportation		1,100		1,213	1,274	1,338	1,405	1,476	1,550	1,627	1,708	12,691
PAYG - Transportation		101	106	112	117	123	129	136	143	150	157	1,275
		<u>1,201</u>	<u>106</u>	<u>1,325</u>	<u>1,391</u>	<u>1,461</u>	<u>1,534</u>	<u>1,612</u>	<u>1,693</u>	<u>1,777</u>	<u>1,865</u>	<u>13,966</u>
Total Funding		<u>1,201</u>	<u>106</u>	<u>1,325</u>	<u>1,391</u>	<u>1,461</u>	<u>1,534</u>	<u>1,612</u>	<u>1,693</u>	<u>1,777</u>	<u>1,865</u>	<u>13,966</u>

Estimated Debt Charges

Projected Net Operating Costs

Comments



Major Program: **Maintain Safety**

Project Title: **Bikeways/Pathways/Sidewalks Along Roadways**

Dept - Project #: **111**

Start Year: **2014**

End Year: **Ongoing**



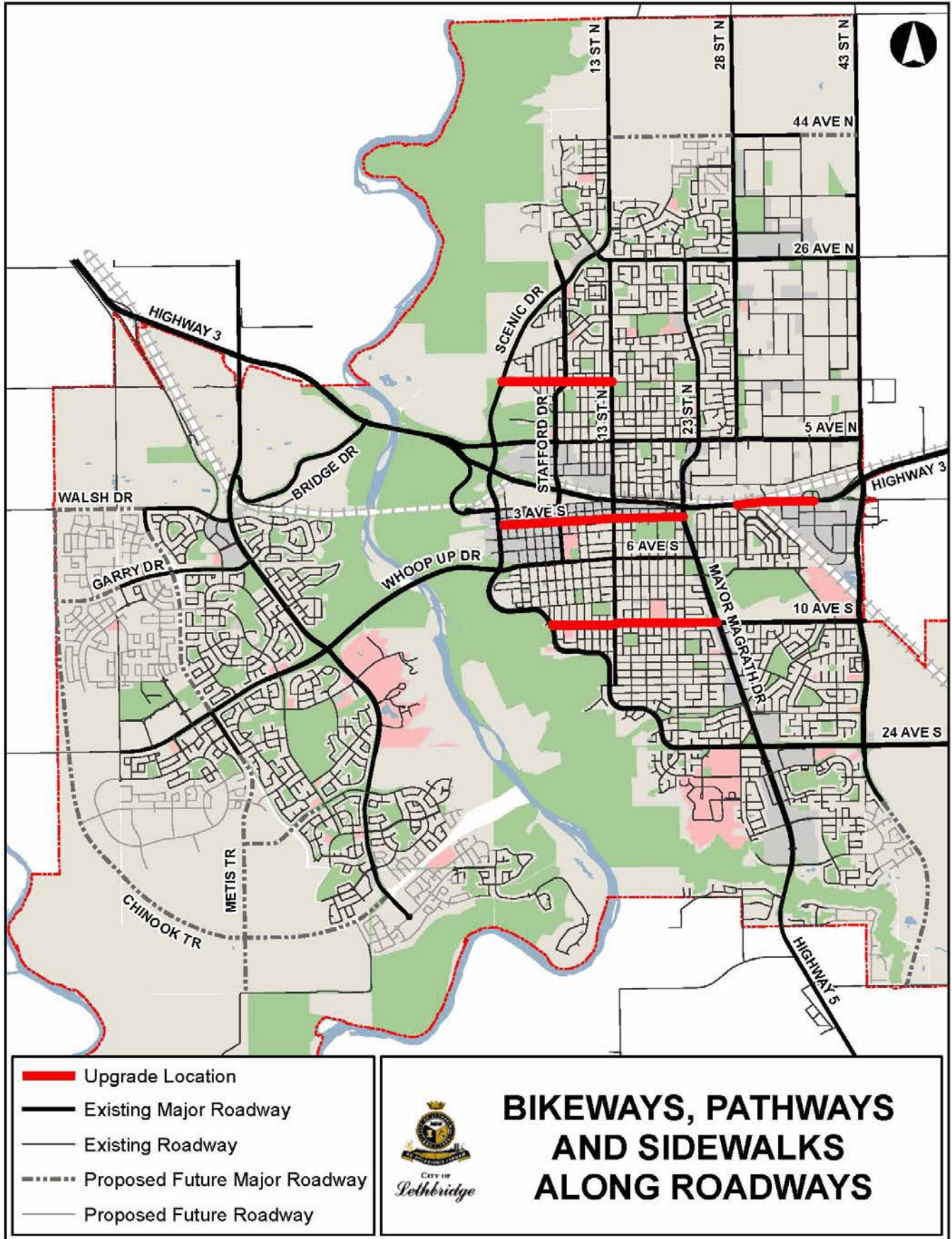
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The intent of this project is to implement new pathways and bikeways within the Public Road rights-of-ways identified in the Bikeways and Pathways Master Plan 2007. The locations of on-street bikeways must be identified with adequate planning completed to identify construction constraints. This would be completed in 2014 through a Commuter Cycling Study to identify on-street cycling locations and the necessary infrastructure upgrades, estimated to be approximately \$250K.</p> <p>Locations completed during 2011 to 2013 include:</p> <ul style="list-style-type: none"> • 13 Street on-street bicycle lanes • pathway along Scenic Drive from 4 Street S to 5 Ave N <p>Next three year projects as warranted and identified in the Commuter Cycling study:</p> <ul style="list-style-type: none"> • Bike lanes on 3 Ave S from Mayor Magrath Dr/Scenic Dr S • Bike lanes on 9 Ave N between 13 St N/Scenic Dr N • Bike lanes on 9 Ave or 10 Ave S from Scenic Dr to Mayor Magrath Dr • Pathway along Highway 3 (across CP Rail line) connecting 28th St to 36th St • Any other locations as identified in the study 	<p>There are a number of cycling/pedestrian corridors that are needed to complete existing pedestrian and recreation corridors along roadways, as identified in the Parks Bikeway/Pathway Master Plan and future planning studies. This project will complete missing links and develop new pathway/bikeway routes along the existing roadways.</p> <p>A secondary focus of this program will be to develop on-street commuter cycling routes through the City connecting to key pathways along existing roadways. This program will focus on on-street dedicated and shared cycling lanes.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		660	693	728	764	802	842	884	928	974	1,023	8,298
Consultive Services		316	69	72	76	80	84	88	92	97	102	1,076
		<u>976</u>	<u>762</u>	<u>800</u>	<u>840</u>	<u>882</u>	<u>926</u>	<u>972</u>	<u>1,020</u>	<u>1,071</u>	<u>1,125</u>	<u>9,374</u>
Costs - Non-Shareable												
Other		66	69	73	76	80	84	88	93	97	102	830
		<u>66</u>	<u>69</u>	<u>73</u>	<u>76</u>	<u>80</u>	<u>84</u>	<u>88</u>	<u>93</u>	<u>97</u>	<u>102</u>	<u>830</u>
Total Costs		<u>1,042</u>	<u>831</u>	<u>873</u>	<u>916</u>	<u>962</u>	<u>1,010</u>	<u>1,060</u>	<u>1,113</u>	<u>1,168</u>	<u>1,227</u>	<u>10,204</u>
Funding												
Grant - Federal Gas Tax Fund (FGTF)		976	762	800	840	882	926	972	1,020	1,071	1,125	9,374
PAYG - Transportation		66	69	73	76	80	84	88	93	97	102	830
		<u>1,042</u>	<u>831</u>	<u>873</u>	<u>916</u>	<u>962</u>	<u>1,010</u>	<u>1,060</u>	<u>1,113</u>	<u>1,168</u>	<u>1,227</u>	<u>10,204</u>
Total Funding		<u>1,042</u>	<u>831</u>	<u>873</u>	<u>916</u>	<u>962</u>	<u>1,010</u>	<u>1,060</u>	<u>1,113</u>	<u>1,168</u>	<u>1,227</u>	<u>10,204</u>
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		0	35	36	38	40	42	44	46	49	51	

Comments



Major Program: **Maintain Safety**

Project Title: **Gravelled Roadway Upgrading**

Dept - Project #: **1a**

Start Year: **2014**

End Year: **2018**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Reconstruction (raise grade, widen and improve drainage) and surfacing of outer access gravel roads. The project locations for 2014-2016 are:</p> <p>2014: Whoop Up Drive from existing pavement to West City limits 2016: 43rd Street North from the SMRID canal to North City limits 2018: Scenic Drive North from 44th Ave to North City limits</p> <p>Phase 1: Detail design and construct gravel road with improved profiles, site lines, width and ditches.</p> <p>Phase 2 (as required): Asphalt surfacing will be considered on a case by case basis based on traffic volumes and maintenance costs.</p> <p>This program will diminish in about 2018 since most of our existing gravelled roadways will be either paved or will ultimately be removed as development occurs (i.e. 43 Street South, 30 Street West, 25 Street West).</p>	<p>Traffic volumes on some sections have increased to levels which warrant wider roadways and/or surfacing structures. The warrants are based on recognized operational and safety standards.</p> <p>Reconstruction and surfacing improvements will improve safety and restore levels of service. There will be reductions in road user costs, travel times, driver anxiety, public complaints and maintenance costs.</p>

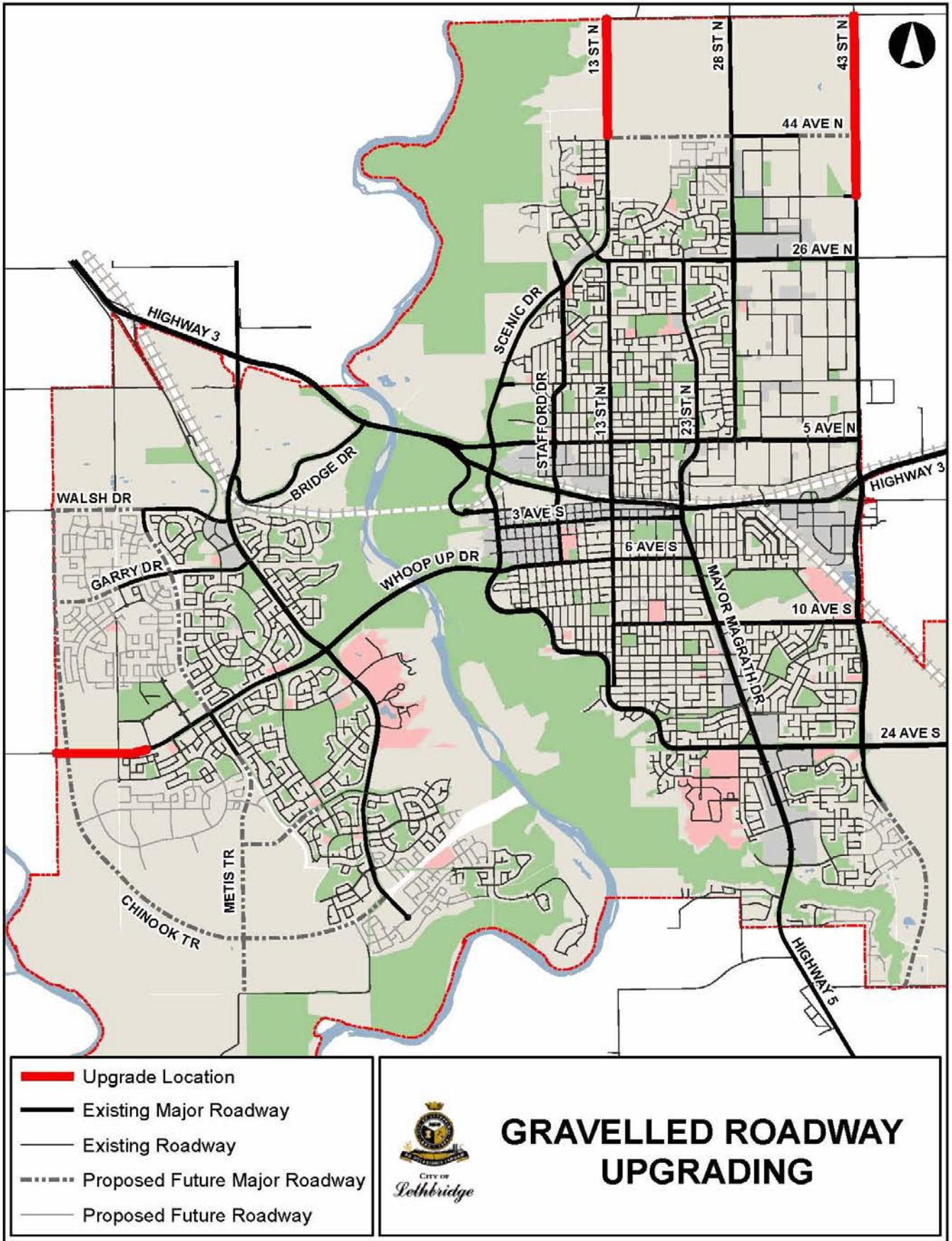
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		700		1,000		800						2,500
Consultive Services		70		100		80						250
		<u>770</u>		<u>1,100</u>		<u>880</u>						<u>2,750</u>
Costs - Non-Shareable												
Other		70		100		80						250
		<u>70</u>		<u>100</u>		<u>80</u>						<u>250</u>
Total Costs		840		1,200		960						3,000
Funding												
Grant - Basic Municipal Transportation		770		1,100		880						2,750
PAYG - Transportation		70		100		80						250
		<u>840</u>		<u>1,200</u>		<u>960</u>						<u>3,000</u>
Total Funding		840		1,200		960						3,000

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Maintain Safety**

Project Title: **Barrier Free Pedestrian Access**

Dept - Project #: **4**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program involves construction of mobility ramps for any on-street parking stalls and also any ramp replacements to improve pedestrian mobility. All intersections and on-street wheel chair accessible parking areas in the downtown and other areas which are not currently constructed to this standard must eventually be upgraded.</p> <p>Approximately 40 to 50 ramps per year will be reconstructed for the life of the project. Once the ramps are installed in the downtown, the program would move to focus on residential areas. In addition the program will also grind concrete/asphalt to improve riding surface or replace individual panels.</p>	<p>There are approximately 400 intersections and 400 wheel chair accessible parking stalls which were constructed prior to the current standards being implemented. Upgrading of these intersections and parking areas to comply with the existing standards will enhance accessibility and safety for people requiring the use of wheel chairs, walkers, strollers and carts.</p> <p>Accessibility ramps also increase safety for aging populations who are at risk of a trip and fall. Once all of the barrier free pedestrian access ramps have been installed, it will be time to replace older access ramps to new standards to improve mobility for all pedestrian users.</p>

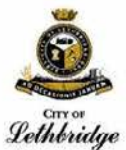
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		144	151	159	167	175	184	193	203	213	224	1,813
		<u>144</u>	<u>151</u>	<u>159</u>	<u>167</u>	<u>175</u>	<u>184</u>	<u>193</u>	<u>203</u>	<u>213</u>	<u>224</u>	<u>1,813</u>
Costs - Non-Shareable												
Other		144	151	159	167	175	184	193	203	213	224	1,813
		<u>144</u>	<u>151</u>	<u>159</u>	<u>167</u>	<u>175</u>	<u>184</u>	<u>193</u>	<u>203</u>	<u>213</u>	<u>224</u>	<u>1,813</u>
Total Costs		<u>288</u>	<u>302</u>	<u>318</u>	<u>334</u>	<u>350</u>	<u>368</u>	<u>386</u>	<u>406</u>	<u>426</u>	<u>448</u>	<u>3,626</u>
Funding												
Grant - Basic Municipal Transportation		144	151	159	167	175	184	193	203	213	224	1,813
PAYG - Transportation		144	151	159	167	175	184	193	203	213	224	1,813
		<u>288</u>	<u>302</u>	<u>318</u>	<u>334</u>	<u>350</u>	<u>368</u>	<u>386</u>	<u>406</u>	<u>426</u>	<u>448</u>	<u>3,626</u>
Total Funding		<u>288</u>	<u>302</u>	<u>318</u>	<u>334</u>	<u>350</u>	<u>368</u>	<u>386</u>	<u>406</u>	<u>426</u>	<u>448</u>	<u>3,626</u>

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



BARRIER FREE PEDESTRIAN ACCESS IMPROVEMENTS

Major Program: **Preserve Existing Infrastructure**

Project Title: **Arterial Rehabilitation Program**

Dept - Project #: **9a**

Start Year: **2013**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets rehabilitation of arterial roadways throughout the City of Lethbridge transportation network. Locations are targeted using the Municipal Pavement Management Application (MPMA). This system relies on a data base of condition assessments to determine roadway sections that require further evaluation by a technical professional. Currently the analysis done by MPMA indicates that the arterial road system is in relatively good condition and that regular investments as indicated in this project should protect that investment. This "hands on" approach results in achieving the best value for our arterial rehabilitation budget.</p> <p>The work typically involves milling a portion of the existing asphalt and replacing it with new or recycled asphalt. This typically extends the life of the pavement another 15 years.</p> <p>Note: Attached map shows entire arterial network.</p>	<p>Council's direction is to protect the investment the City has made in our assets. In order to protect a very large capital investment and provide safe roadway conditions to City residents, it is necessary to maintain the backbone of our transportation network; the arterial roadway system. Investing in the correct maintenance activity at the right time prevents further deterioration of the infrastructure - reducing the total life cycle costs (cost of building and maintaining) over the life of the asset.</p> <p>The City of Lethbridge's maintenance program includes crack sealing, applying "skin coats", and pothole patching. This project funds a major rehabilitation of the pavement surface. Each \$1.00 invested at the optimal time in the pavement structures life cycle, results in future savings of \$3.00 to \$4.00. Operating expenses are 15% lower for vehicles driven on roads in good condition over those of vehicles operated on poorly maintained roadways.</p> <p>There are presently 280 lane kilometers of arterial roads with an asset replacement value of \$400 million. Industry best practices indicate that on average, these roadways should be overlaid every 15 years and our proposed investment strategy with this project will allow this. City Council has approved our pavement condition strategy in the 2004 Transportation Master Plan. Our goal is to maintain a Pavement Quality Index (PQI) of 6.5 and our current condition is at 7.1.</p>

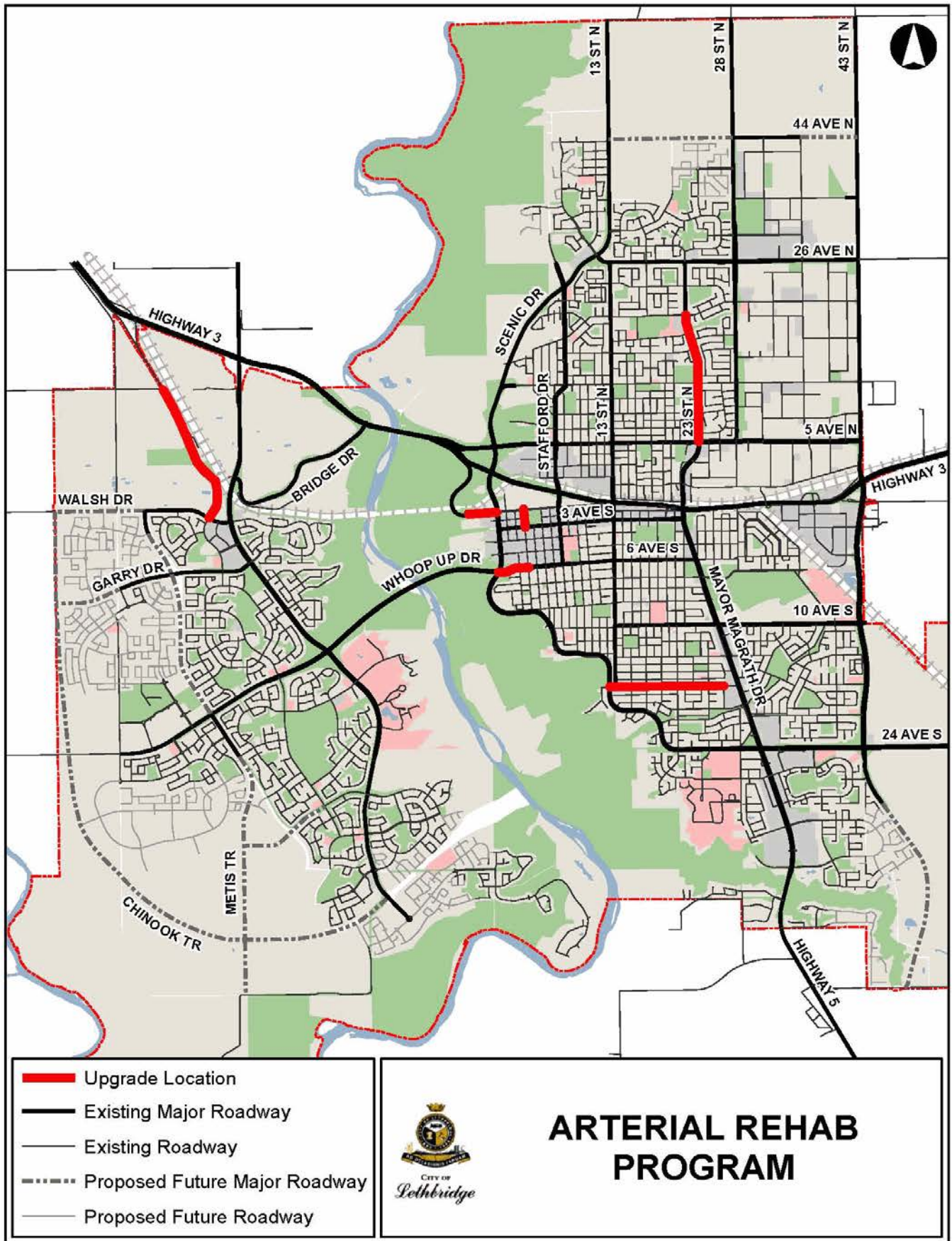
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	1,104	1,043	1,095	1,150	1,208	1,268	1,331	1,398	1,468	1,542	1,619	14,226
	1,104	1,043	1,095	1,150	1,208	1,268	1,331	1,398	1,468	1,542	1,619	14,226
Costs - Non-Shareable												
Other		116	122	128	134	141	148	155	163	171	180	1,458
		116	122	128	134	141	148	155	163	171	180	1,458
Total Costs	1,104	1,159	1,217	1,278	1,342	1,409	1,479	1,553	1,631	1,713	1,799	15,684
Funding												
Grant - Basic Municipal Transportation			1,095	1,150	1,208	1,268	1,331	1,398	1,468	1,542	1,619	12,079
Grant - Federal Gas Tax Fund (FGTF)	1,104	1,043										2,147
PAYG - Transportation		116	122	128	134	141	148	155	163	171	180	1,458
	1,104	1,159	1,217	1,278	1,342	1,409	1,479	1,553	1,631	1,713	1,799	15,684
Total Funding	1,104	1,159	1,217	1,278	1,342	1,409	1,479	1,553	1,631	1,713	1,799	15,684

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Preserve Existing Infrastructure**

Project Title: **Bridge Rehabilitation Program**

Dept - Project #: **13a**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets rehabilitation of bridge and overpasses throughout the City of Lethbridge transportation network and urban parks systems. Locations are targeted using the Municipal Bridge Management System. This system relies on a database of condition assessments to determine bridge structures that require further evaluation by technical professions.</p> <p>There are a total of 53 structures with a capital asset value of over \$120 million. The average age of all bridge structures is 25 years and the average life span is 50 years.</p> <p>2014</p> <ul style="list-style-type: none"> • Bridge #16: Scenic Dr over 5th Ave N; concrete deck rehabilitation (\$780,000) • Bridge #21: Stafford Dr over CP Rail; crack repair and deck joint repair (\$208,000) <p>2015</p> <ul style="list-style-type: none"> • Bridge #1: East bound Whoop Up Dr over Oldman River; girder coating rehabilitation (\$2,100,000) <p>2019</p> <ul style="list-style-type: none"> • Bridge #27: West bound Whoop Up Dr over Oldman River; girder coating rehabilitation (\$2,400,000) 	<p>Council's direction is to protect the investment the City has made in our assets. In order to protect a very large capital investment and provide safe conditions to City residents, it is necessary to maintain the bridges in our Transportation Network. Major/minor rehabilitation work has been identified, analyzed and prioritized based on condition/severity index using the Bridge Management System Software.</p> <p>Work programs generated from the software consist of a 10 year work plan for rehabilitation activities. This activity will ensure that rehabilitation work is done at the appropriate time to minimize life cycle costs and ensure the structural integrity of the structures. Currently the analysis done by the software and inspections indicate that the bridges and structures are in good condition and that identified investments as indicated in this project should protect our investment. Rehabilitation needs for 2011 to 2020 are based on 2008 and 2009 condition assessments.</p> <p>Rehabilitation work performed at the right time reduces costly rehabilitation or replacement costs on a very large capital investment. It also significantly reduces the risk of catastrophic structural failures.</p>

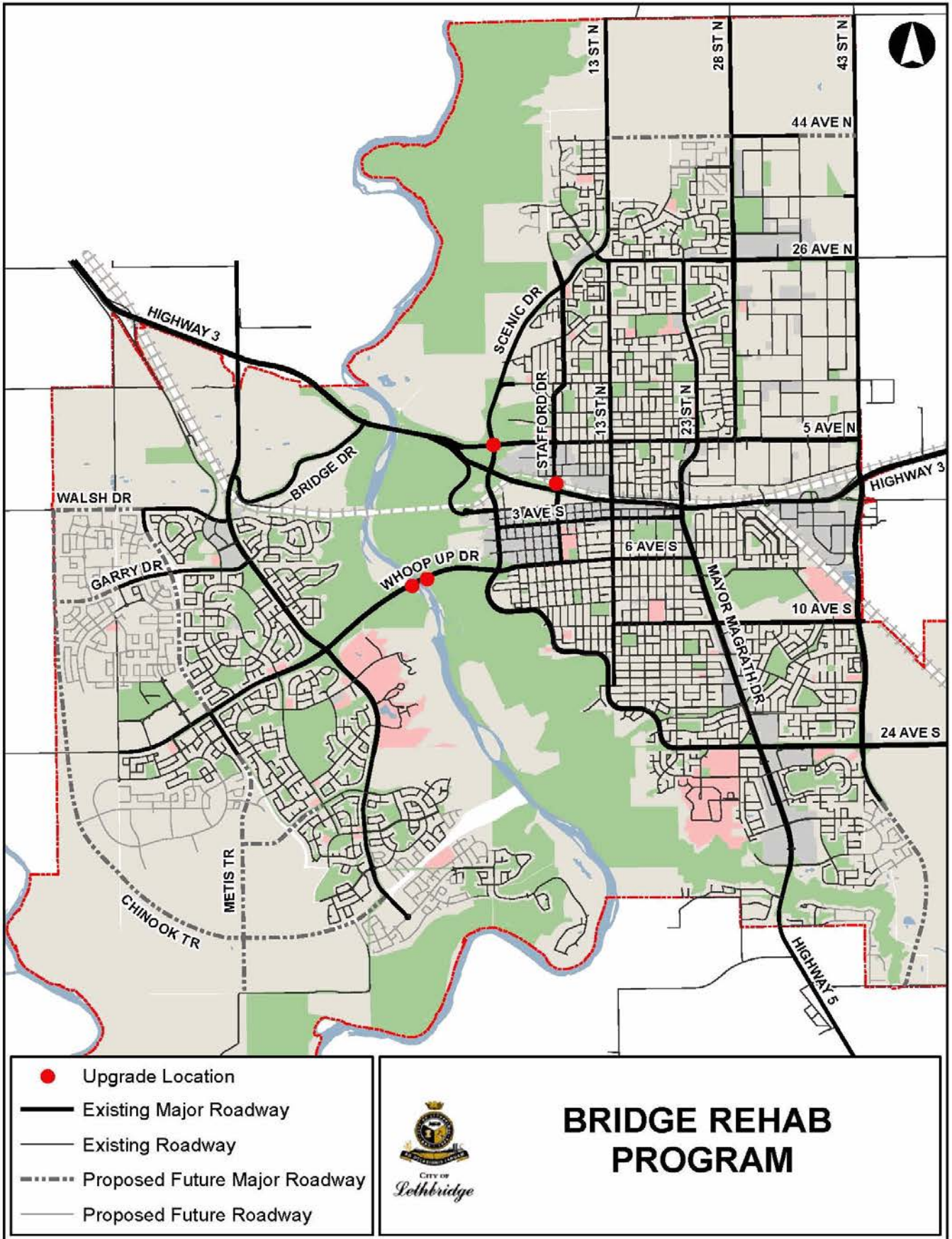
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		790	1,680	245	260	270	1,940	285	285	285	285	6,325
Consultive Services		79	168	25	26	27	194	29	29	29	29	633
		869	1,848	270	286	297	2,134	314	314	314	314	6,958
Costs - Non-Shareable												
Other		119	252	37	39	41	291	43	43	43	43	949
		119	252	37	39	41	291	43	43	43	43	949
Total Costs		988	2,100	306	325	338	2,425	356	356	356	356	7,906
Funding												
Grant - Basic Municipal Transportation		869	1,848	270	286	297	2,134	314	314	314	314	6,958
PAYG - Transportation		119	252	37	39	41	291	43	43	43	43	949
		988	2,100	306	325	338	2,425	356	356	356	356	7,906
Total Funding		988	2,100	306	325	338	2,425	356	356	356	356	7,906

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Preserve Existing Infrastructure**

Project Title: **Railway Rehabilitation Program**

Dept - Project #: **248**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets major rehabilitation of railway spur lines and roadway crossings throughout the City of Lethbridge transportation and industrial railway system. This infrastructure requires rehabilitation to keep the streets and railway operational and to maintain safety. This system relies on intersection assessments to determine new traffic control measures to maintain safety and upgrade the existing system.</p> <p>The City presently owns and maintains approximately 8.9 km of industrial rail with a capital asset value of over \$7 million to provide rail service to our City businesses in the industrial area that also includes 24 road to rail crossings.</p> <p>The following crossing locations are identified for improvements in the next 3 years: GC Lead at 36th Street North DA Lead at 36th Street North F Lead at 2nd Avenue North</p>	<p>These railway improvements will ensure safety is maintained and acceptable level of service is restored. This program is also required to meet Alberta Transportation Rail Safety Branch regulations as part of the City of Lethbridge Industrial Railway Operating Authority Certificate. Monthly condition assessment inspections by qualified internal staff generate the City's industrial railway annual work program.</p> <p>In 2008 Alberta Transportation Rail Safety Branch identified the requirement to apply for a Industrial Railway Operating Authority Certificate which was approved February 2009. Also in 2008 and 2009 Alberta Transportation conducted a compliance review, which identified the requirement for additional rehabilitation to an industrial railway standard and the requirement for signalization of a number of rail to road crossings. Rehabilitation of our rail spur lines is ongoing and based on inspections and compliance audits from our regulator, Alberta Transportation.</p> <p>Ten new rail signals were recently commissioned by the City for our rail spur lines. There are approximately 21 rail road crossings in the City that we are responsible for. New rail signals will be required as warranted. These improvements will meet current regulations, reduce traffic delays, road user costs, and driver frustration.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		360	367	374	381	389	397	405	413	421	429	3,936
Consultive Services		36	37	37	38	39	40	41	41	42	43	394
		396	404	411	419	428	437	446	454	463	472	4,330
Costs - Non-Shareable												
Construction		180	184	187	191	195	199	203	207	211	215	1,968
		180	184	187	191	195	199	203	207	211	215	1,968
Total Costs		576	587	598	610	622	635	648	661	674	686	6,298
Funding												
Grant - Basic Municipal Transportation		396	404	411	419	428	437	446	454	463	472	4,330
PAYG - Transportation		180	184	187	191	195	199	203	207	211	215	1,968
		576	587	598	610	622	635	648	661	674	686	6,298
Total Funding		576	587	598	610	622	635	648	661	674	686	6,298
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		48	51	53	56	59	62	65	68	71	75	

Comments



Major Program: **Preserve Existing Infrastructure**

Project Title: **Traffic Signals Replacement**

Dept - Project #: **230**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Timely replacement of Traffic Control Devices (signals) as they reach the end of their service life. Replacements may include concrete bases, detection systems, signal poles, traffic controllers, and cabinets etc.</p> <p>Replacement may be entire signal or components of a signal depending on age and condition.</p>	<p>A regular inspection program will identify the maintenance requirements for traffic signals and determine the replacement requirements to maintain a consistent and acceptable level of service. There are currently 125 traffic signals and 20 pedestrian actuated flashers. A majority of our cabinets and controllers are older than 20 years and cannot support new technology upgrades any longer. Replacement is the only option. There are also new technology detection systems that require improved communication systems to operate properly.</p> <p>Inspections for the steel components of traffic signals was initiated in 2010 with the inspections for the street lights (Community Lighting program).</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		375	394	414	435	457	480	504	529	555	583	4,726
Consultive Services		38	39	41	44	46	48	50	53	56	58	473
		<u>413</u>	<u>433</u>	<u>455</u>	<u>479</u>	<u>503</u>	<u>528</u>	<u>554</u>	<u>582</u>	<u>611</u>	<u>641</u>	<u>5,199</u>
Costs - Non-Shareable												
Other		38	39	41	44	46	48	50	53	56	58	473
		<u>38</u>	<u>39</u>	<u>41</u>	<u>44</u>	<u>46</u>	<u>48</u>	<u>50</u>	<u>53</u>	<u>56</u>	<u>58</u>	<u>473</u>
Total Costs		450	473	497	522	548	576	605	635	666	700	5,671
Funding												
Grant - Basic Municipal Transportation		413	433	455	479	503	528	554	582	611	641	5,199
PAYG - Transportation		38	39	41	44	46	48	50	53	56	58	473
		<u>450</u>	<u>473</u>	<u>497</u>	<u>522</u>	<u>548</u>	<u>576</u>	<u>605</u>	<u>635</u>	<u>666</u>	<u>700</u>	<u>5,671</u>
Total Funding		450	473	497	522	548	576	605	635	666	700	5,671

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



CITY OF
Lethbridge

**TRAFFIC SIGNAL
REPLACEMENT**

BEFORE



AFTER

Major Program: **Preserve Existing Infrastructure**

Project Title: **Major Sidewalk Rehabilitation Program**

Dept - Project #: **14a**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets major rehabilitation of sidewalks throughout the City of Lethbridge transportation network. Locations are targeted by the Sidewalk Inventory System. This system relies on condition assessments to determine replacement sections.</p> <p>The program will provide for approximately three to four 1-block sections to be replaced annually, which may consist of sidewalk installation to complete missing links. These upgrades include the installation of mobility ramps at intersections or at location where necessary.</p>	<p>In order to protect a very large capital investment and provide a safe environment for City residents, it is necessary to maintain a safe sidewalk network particularly due to the high population of seniors in the city.</p> <p>There are presently 660 kilometers of sidewalks with an asset replacement value of \$75 million. On average sidewalks should be replaced every 30 years however many last 50 years if properly maintained.</p> <p>Most sidewalk rehabilitation is funded by the operating budget through frontage levies. However, major rehabilitation projects which are about one block or more in size, are eligible to be cost-shared from the Basic Capital Grant Program.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		200	210	221	232	244	256	269	282	296	311	2,521
		<u>200</u>	<u>210</u>	<u>221</u>	<u>232</u>	<u>244</u>	<u>256</u>	<u>269</u>	<u>282</u>	<u>296</u>	<u>311</u>	<u>2,521</u>
Costs - Non-Shareable												
Other		20	21	22	23	24	26	27	28	30	31	252
		<u>20</u>	<u>21</u>	<u>22</u>	<u>23</u>	<u>24</u>	<u>26</u>	<u>27</u>	<u>28</u>	<u>30</u>	<u>31</u>	<u>252</u>
Total Costs		220	231	243	255	268	282	296	310	326	342	2,773
Funding												
Grant - Basic Municipal Transportation		200	210	221	232	244	256	269	282	296	311	2,521
PAYG - Transportation		20	21	22	23	24	26	27	28	30	31	252
		<u>220</u>	<u>231</u>	<u>243</u>	<u>255</u>	<u>268</u>	<u>282</u>	<u>296</u>	<u>310</u>	<u>326</u>	<u>342</u>	<u>2,773</u>
Total Funding		220	231	243	255	268	282	296	310	326	342	2,773

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



MAJOR SIDEWALK REHAB

Major Program: **Preserve Existing Infrastructure**
 Project Title: **Paved Lane Rehabilitation Program**
 Dept - Project #: **291**
 Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
 2014 to 2023

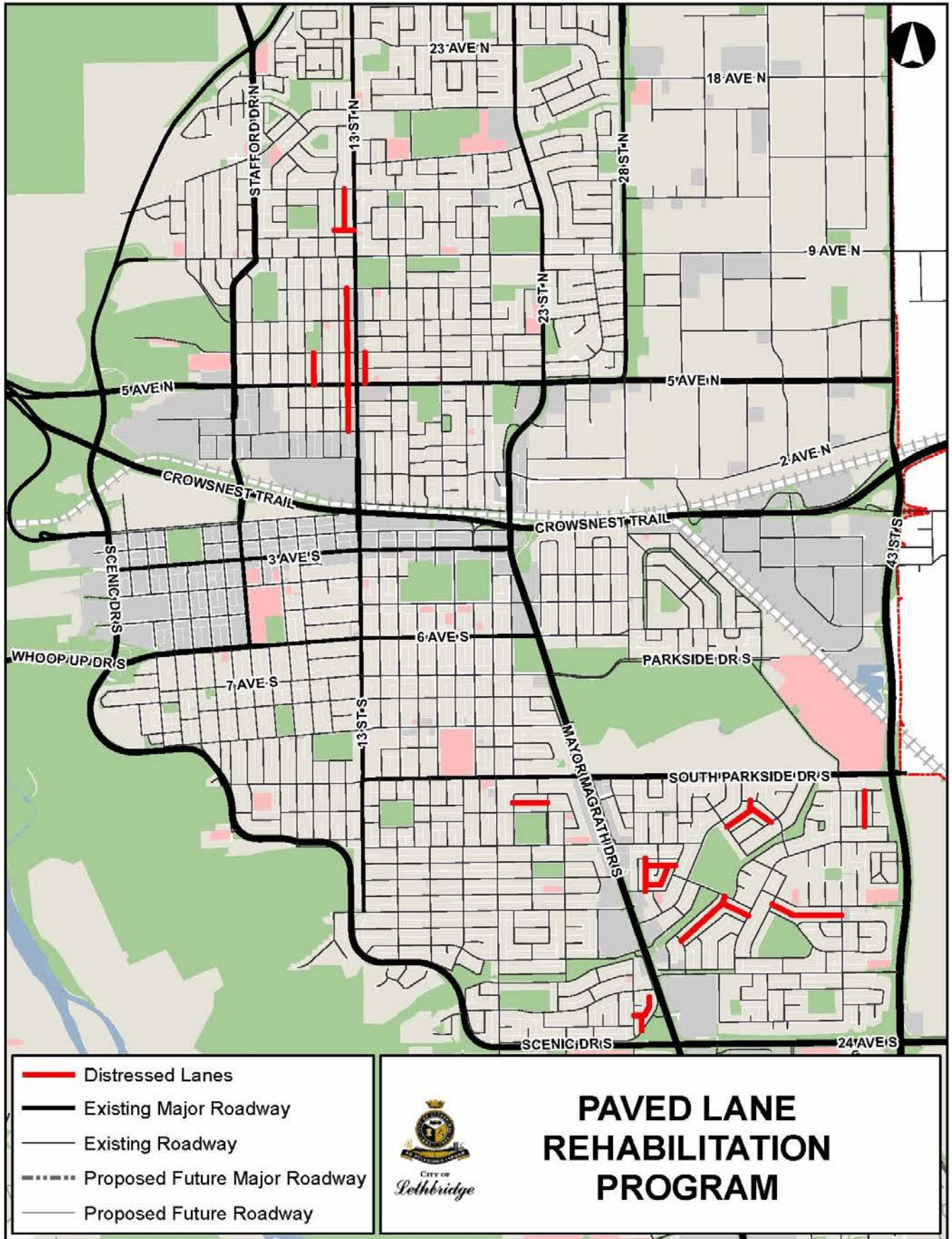
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets paved lanes (back alleys) throughout the City of Lethbridge's transportation network. Locations are targeted by the Lane Inventory System. This system relies on visual condition assessments to determine replacement sections.</p> <p>The program will provide for the upgrade of approximately 1 to 2 lanes annually.</p> <p>2014 includes consultive services costs to identify lane rehabilitation priorities.</p>	<p>There are presently 150 kilometers of paved lane roads with an asset replacement value of \$45 million.</p> <p>Currently, lane rehabilitation is funded through the operating budget.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services		100										100
		100										100
Costs - Non-Shareable												
Construction		250	263	276	289	304	319	335	352	369	388	3,144
		250	263	276	289	304	319	335	352	369	388	3,144
Total Costs		350	263	276	289	304	319	335	352	369	388	3,244
Funding												
PAYG - Transportation		350	263	276	289	304	319	335	352	369	388	3,244
		350	263	276	289	304	319	335	352	369	388	3,244
Total Funding		350	263	276	289	304	319	335	352	369	388	3,244

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Major Program: **Preserve Existing Infrastructure**

Project Title: **Community Lighting - Rehabilitation**

Dept - Project #: **226**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The primary objective is timely replacement of street light poles as they deteriorate, before they fail and increase City liability. A secondary objective is to install new street lights with energy efficient LED bulbs or other lower power consumption techniques as the poles are replaced.</p> <p>In 2010, Transportation initiated its Condition Assessment Program. This program is well underway and we now have a better handle on the existing street light condition and can predict the remaining life cycle of the street light system and assist with our Community Lighting Rehabilitation Program. The first round of condition assessment will be completed in 2012. This means all poles were inspected once in the last three years. The current condition of our street light system is considered good (6/9).</p> <p>A regular Street Light Inspection Program will identify the annual funding levels required to maintain an acceptable condition.</p>	<p>The only regular preventative maintenance presently conducted on the street lighting system is pole painting (\$40,000 annually) and replacing damaged street lights generally recovered through insurance or the Community Lighting Program budget. Hit and runs are presently paid through the Street Light Maintenance Program through a transfer to Electric Operations. Power consumption and basic maintenance is paid for from Community Lighting Program.</p> <p>The purpose of this program is to maintain the street lights to an acceptable standard.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		100	105	110	116	122	128	134	141	148	155	1,259
Consultive Services												
		100	105	110	116	122	128	134	141	148	155	1,259
Costs - Non-Shareable												
Other		50	53	56	59	62	65	68	71	75	79	638
		50	53	56	59	62	65	68	71	75	79	638
Total Costs		150	158	166	175	184	193	202	212	223	234	1,897
Funding												
Grant - Basic Municipal Transportation		100	105	110	116	122	128	134	141	148	155	1,259
PAYG - Transportation		50	53	56	59	62	65	68	71	75	79	638
		150	158	166	175	184	193	202	212	223	234	1,897
Total Funding		150	158	166	175	184	193	202	212	223	234	1,897

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



CITY OF
Lethbridge

COMMUNITY LIGHTING REHAB

BEFORE



AFTER

Major Program: **Upgrade Existing System**

Project Title: **Preliminary Design for Whoop Up Drive Interchange Improvements**

Dept - Project #: **253**

Start Year: **2016**

End Year: **2016**



Capital Improvement Program
2014 to 2023

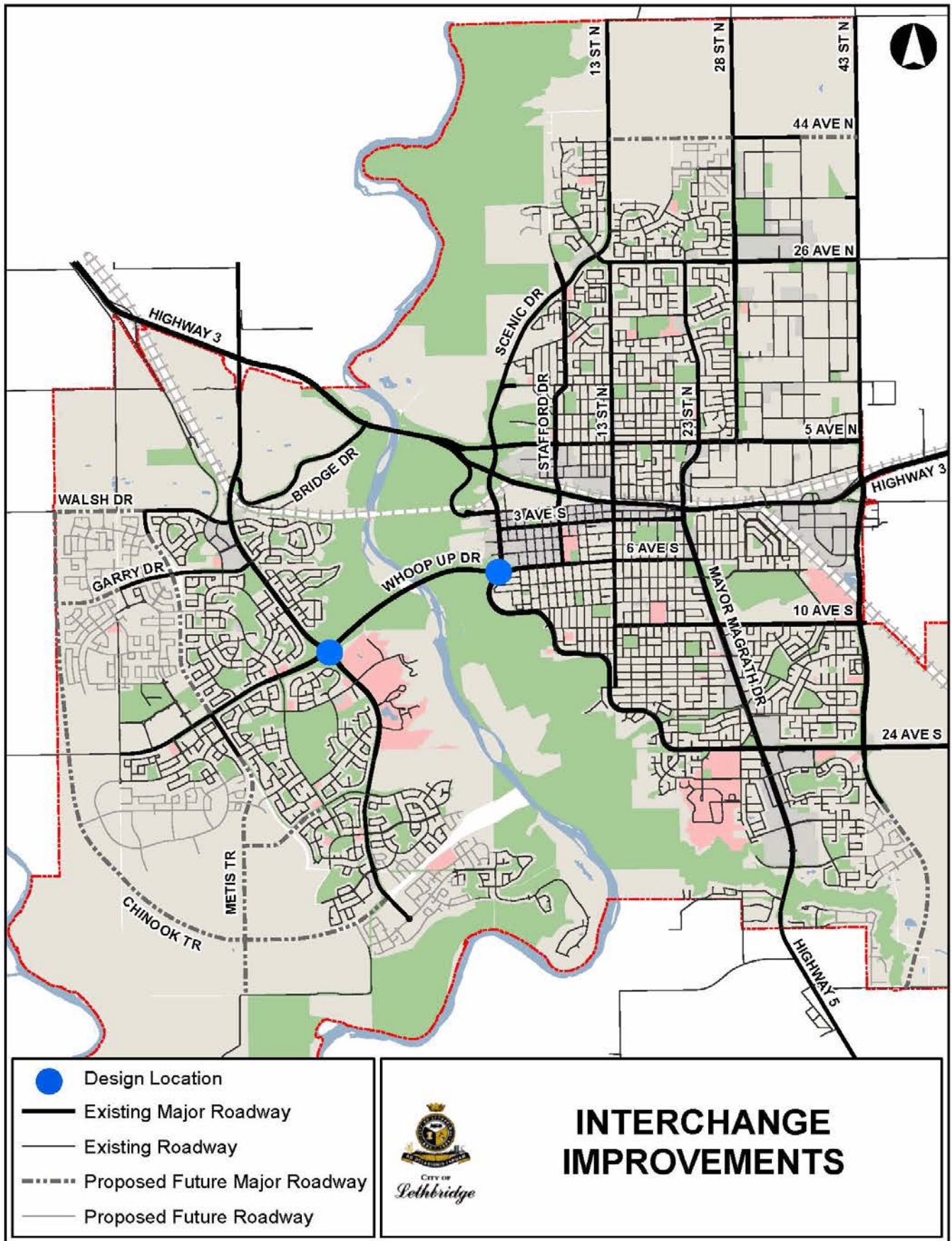
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Whoop Up Dr/University Dr and Whoop Up Dr/Scenic Dr Interchanges Preliminary Design. The Transportation Master Plan (TMP), being completed late 2012, indicates that with traffic growth over the next five to ten years, the two interchanges on Whoop Up Drive may need modifications to improve capacity and safety.</p> <p>2016: Complete preliminary design of the interchange improvements</p>	<p>With the growth in traffic on the Whoop Up Drive river crossing, it is expected that major capacity issues will arise on the two interchanges at the east and west end of the river crossing. With growth in traffic, these two interchanges will need upgrades to improve capacity and level of service. Specifically with City Council wanting to delay a third river crossing as long as practical, this interchange and roadway is the primary backbone of our transportation system connecting the west end to the east end.</p> <p>Our TMP has indicated that there is adequate capacity along Whoop Up Drive, only the ramps of the interchanges and associated intersections may ultimately fail if not improved in the medium term. Over the next five to ten years some improvements are thought to be necessary. This study will identify the improvements most practical to increase traffic flow with a reasonable investment.</p> <p>Preliminary design information is needed for the overall planning process in the City with cost estimates provided for future CIP's.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services				450								450
				450								450
Costs - Non-Shareable												
Other				50								50
				50								50
Total Costs				500								500
Funding												
Grant - Basic Municipal Transportation				450								450
PAYG - Transportation				50								50
				500								500
Total Funding				500								500

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Upgrade Existing System**
 Project Title: **Transportation Master Plan Update**
 Dept - Project #: **16**
 Start Year: **2018**



Capital Improvement Program
 2014 to 2023

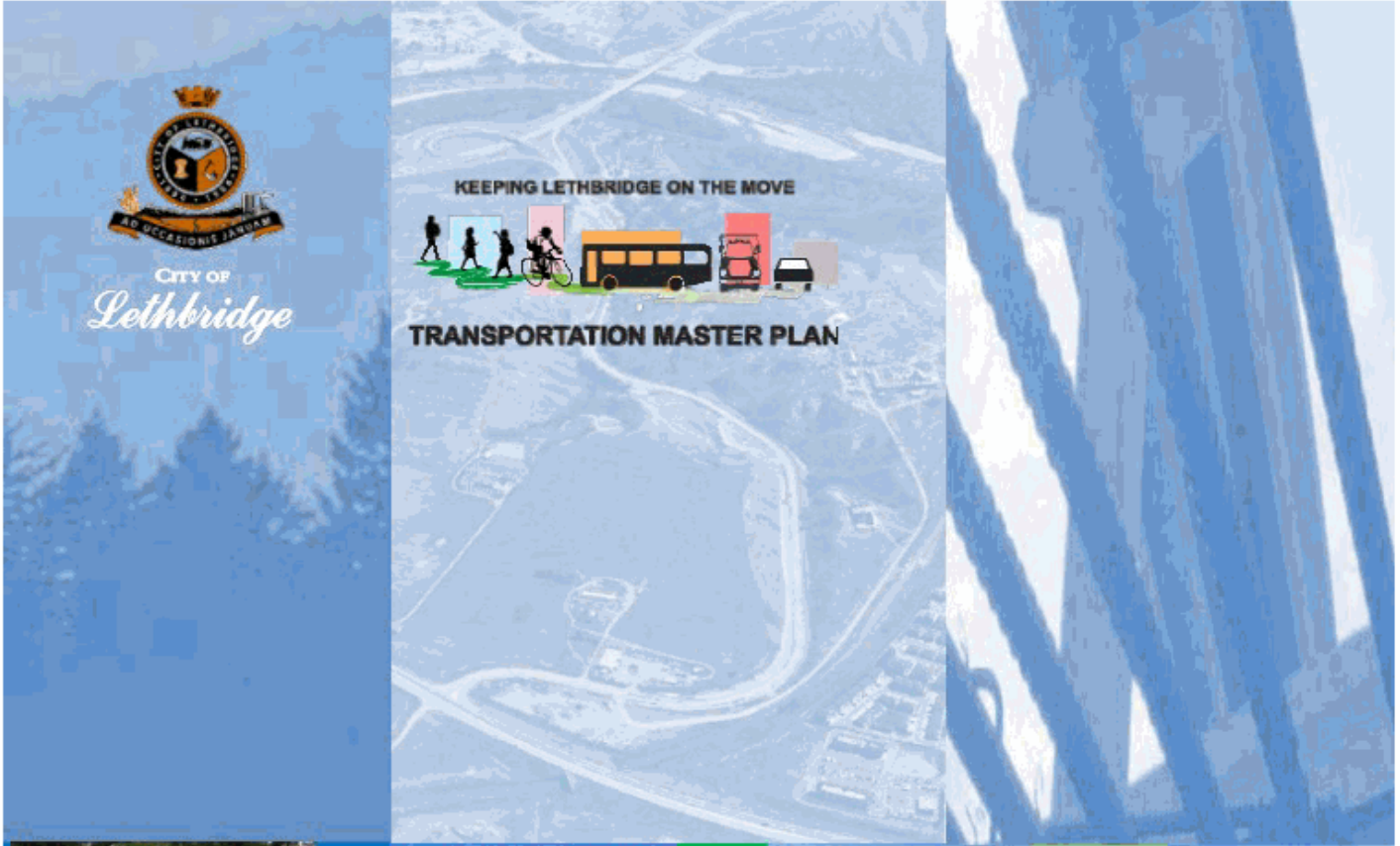
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Retain planning and transportation consultants to update the 2012 Transportation Master Plan (TMP) in 2018. The Transportation Master Plan of 2012 includes transit and transportation policies components and the TMP update in 2018 will review plan implementation for the roadway, transit and policy components of the 2012 TMP and provide direction for future.</p>	<p>The City is required by Legislation (Cities Transportation Act) to have a Transportation Master Plan. It is also a requirement to obtain provincial transportation grants.</p> <p>There is a need to regularly update the Transportation Master Plan (TMP) to confirm the long term vision of the City's major roadway network and confirm future transportation needs and improvements every 5 to 10 years. The TMP is a key component to establishing and revising the Capital Improvement Programs. Updates to the Master Plan will ensure the City's roadway network, transit and transportation policies remain up to date, efficient and cost effective, and community funds are invested to ensure the greatest return.</p> <p>The TMP of 2012 will be an intergraded plan for all modes (roads, rail, pedestrian facilities & transit) of transportation that will ensure an efficient and cost effective multi-modal transportation system. Its update in 2018 will ensure a continuity in this new vision of sustainability in the transportation network in the City.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services						875						875
						875						875
Costs - Non-Shareable												
Other						100						100
						100						100
Total Costs						975						975
Funding												
Grant - Basic Municipal Transportation						875						875
PAYG - Transportation						100						100
						975						975
Total Funding						975						975

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



City of Lethbridge
Transportation Master Plan
Final Draft - Version 2
January 2013



Major Program: **Provide Access for Growth (Offsite Levy)**Project Title: **Intersection Improvements - Growth**Dept - Project #: **32a**Start Year: **2014**End Year: **Ongoing**Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Intersection improvements (new traffic signals, geometric improvements, pedestrian accommodations, pavement markings, traffic signal controllers, cabinets, signal heads, vehicle detectors etc) addressing capacity requirements related to growth in the new areas of the City.</p> <p>Intersections are reviewed on a case by case basis. The timing and type of intersection improvement is based on operational analysis and recognized safety warrants.</p> <p>Tentative locations over the next 3-5 years may include:</p> <ul style="list-style-type: none"> • MMDr/Scenic Dr S. • MMDr/28 Avenue S/Fairmont Blvd • MMDr/32 Avenue S./Fairmont Blvd. S • MMDr/34 Avenue S./South Gate Blvd. S, • Whoop-up Drive/Blackfoot Road • Garry Drive/Squamish Blvd W./ Highlands Blvd W 	<p>These intersection improvements will ensure safety is maintained and acceptable levels of service are restored. Also, they typically increase safety, reduce traffic congestion, incidents, traffic delays, road user costs, travel times, vehicle emissions and driver/neighborhood frustration.</p> <p>Example of analysis and warrants include:</p> <ul style="list-style-type: none"> - level of service (LOS) - volume to capacity - pedestrian safety - vehicle incidents - traffic control devices - geometric standards, etc <p>as identified by Transportation Association of Canada (TAC) and the Institute of Transportation Engineers (ITE).</p>

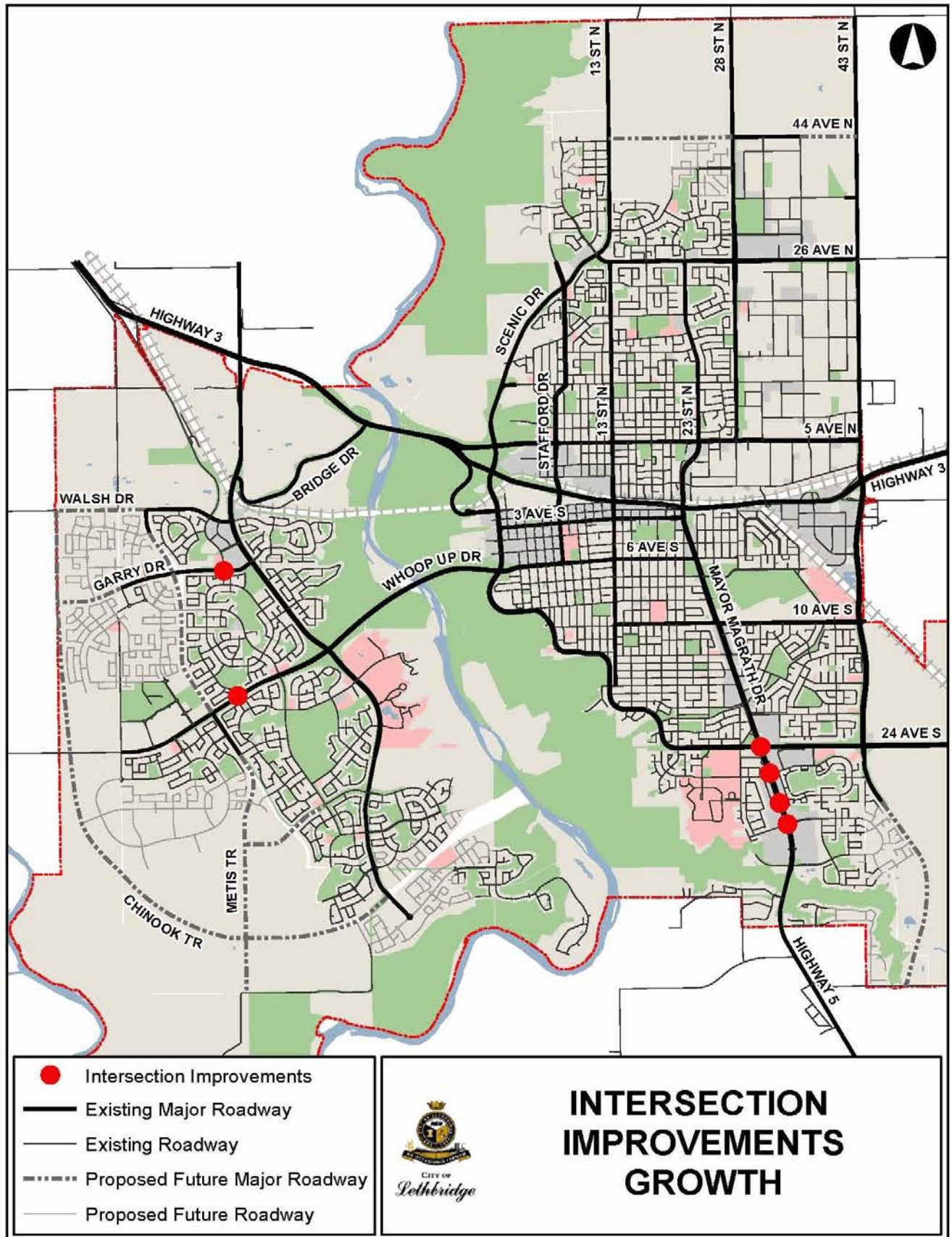
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		1,013				1,232	1,294	1,359	1,427	1,498	1,573	9,396
Consultive Services		87				106	111	117	123	129	135	808
		<u>1,100</u>				<u>1,338</u>	<u>1,405</u>	<u>1,476</u>	<u>1,550</u>	<u>1,627</u>	<u>1,708</u>	<u>10,204</u>
Costs - Non-Shareable												
Other		58				70	74	78	82	86	90	538
		<u>58</u>				<u>70</u>	<u>74</u>	<u>78</u>	<u>82</u>	<u>86</u>	<u>90</u>	<u>538</u>
Total Costs		<u>1,158</u>				<u>1,408</u>	<u>1,479</u>	<u>1,554</u>	<u>1,632</u>	<u>1,713</u>	<u>1,798</u>	<u>10,742</u>
Funding												
Grant - Basic Municipal Transportation		825				1,003	1,054	1,107	1,162	1,220	1,281	7,652
Offsite Levies		333				405	425	447	470	493	517	3,090
		<u>1,158</u>				<u>1,408</u>	<u>1,479</u>	<u>1,554</u>	<u>1,632</u>	<u>1,713</u>	<u>1,798</u>	<u>10,742</u>
Total Funding		<u>1,158</u>				<u>1,408</u>	<u>1,479</u>	<u>1,554</u>	<u>1,632</u>	<u>1,713</u>	<u>1,798</u>	<u>10,742</u>

Estimated Debt Charges

Projected Net Operating Costs

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**
 Project Title: **Mayor Magrath Dr (40th Ave S to City Limit)**
 Dept - Project #: **29**
 Start Year: **2012**



Capital Improvement Program
 2014 to 2023

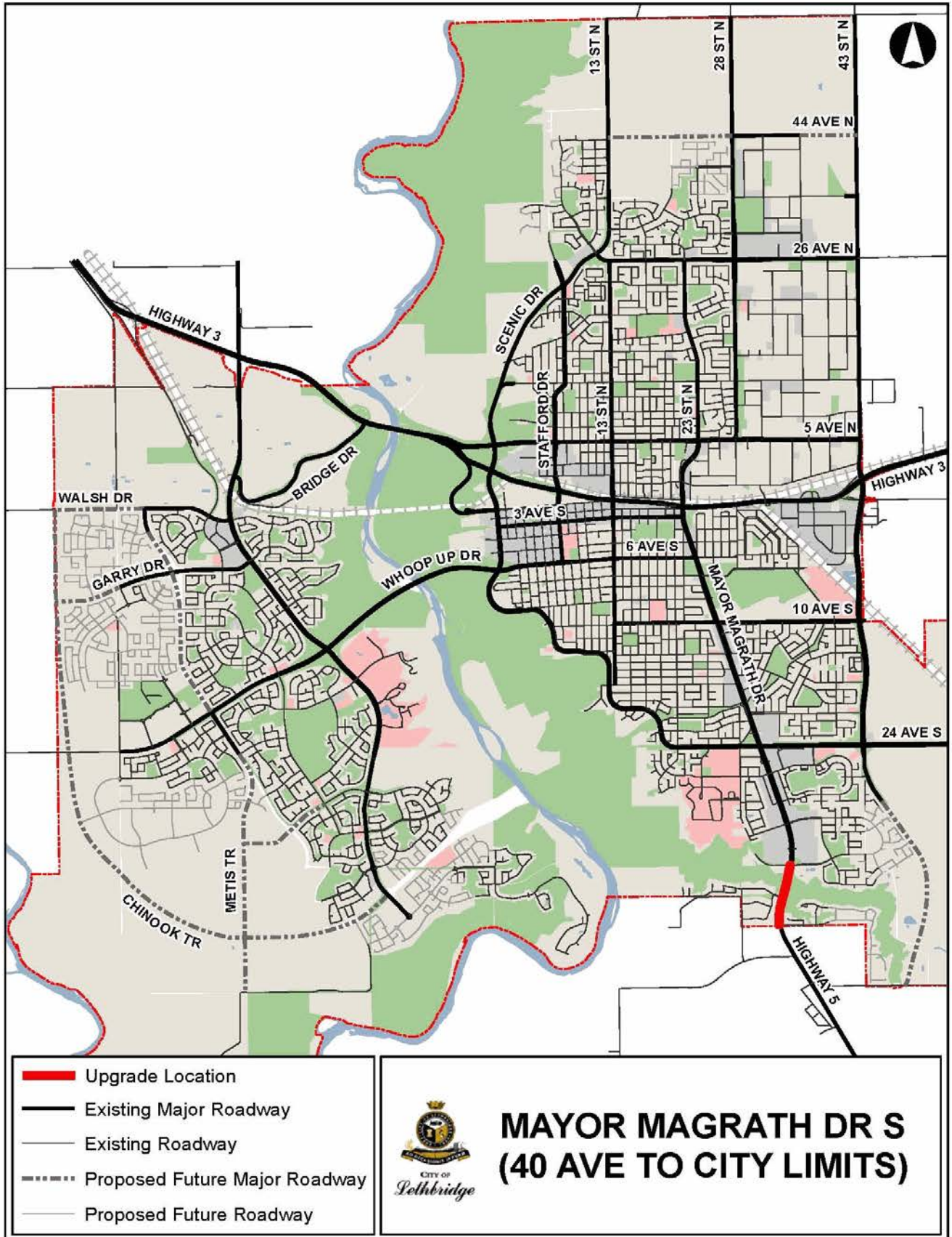
End Year: **2014**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Prior 2012: Mayor Magrath Drive South extension including major embankment fills crossing of Six Mile Coulee, extended culverts, and roadway construction to upgrade the road from 2 lane to 4 lane arterial roadway from 40th Ave South to the South City limits.</p> <p>2014: Engineering and construction of the top lift of asphalt on all four lanes, concrete medians and storm drains, installation of permanent line markings and landscaping. Pathway will be installed in 2013 under the Pathways along Roadways Capital Improvement project.</p>	<p>As commercial and residential development occurs in Southeast Lethbridge and industrial and passenger traffic generated from the Lethbridge County Airport continue to increase, roadway capacity improvements are anticipated to be required.</p> <p>Providing alternate access is an important traffic management strategy to relieve future pressures on Mayor Magrath Drive as well as provide improved emergency service routes. The construction of 43rd Street South is a planned alternate access and this improvement to Mayor Magrath Drive will be required to provide a connection of sufficient capacity for vehicles to enter and exit southeast Lethbridge.</p> <p>This improvement of Mayor Magrath Drive will also be required to provide a connection of sufficient capacity for vehicles to enter and exit southeast Lethbridge and is the only entrance to the City from Highway 5 until 43 Street is developed to connect with Highway 4.</p> <p>The reconstruction of this road will provide needed access, enhance levels of service, reduce traffic congestion, road user costs, travel times, vehicle emissions and driver frustration.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	6,100	1,043										7,143
Consultive Services	900	100										1,000
	<u>7,000</u>	<u>1,143</u>										<u>8,143</u>
Costs - Non-Shareable												
Other		357										357
		<u>357</u>										<u>357</u>
Total Costs	7,000	1,500										8,500
Funding												
Borrowing - Offsites		563										563
Grant - Alberta Municipal Infrastructure	4,262											4,262
Grant - Basic Municipal Transportation	1,188	581										1,769
Offsite Levies	1,550											1,550
PAYG - Transportation		357										357
	<u>7,000</u>	<u>1,500</u>										<u>8,500</u>
Total Funding	7,000	1,500										8,500
Estimated Debt Charges		0	123	123	123	123	123	0	0	0	0	
Projected Net Operating Costs		0	95	98	103	108	113	118	123	128	133	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design**



CITY OF
Lethbridge

Dept - Project #: **252**
Start Year: **2014**

End Year: **2014**

Capital Improvement Program
2014 to 2023

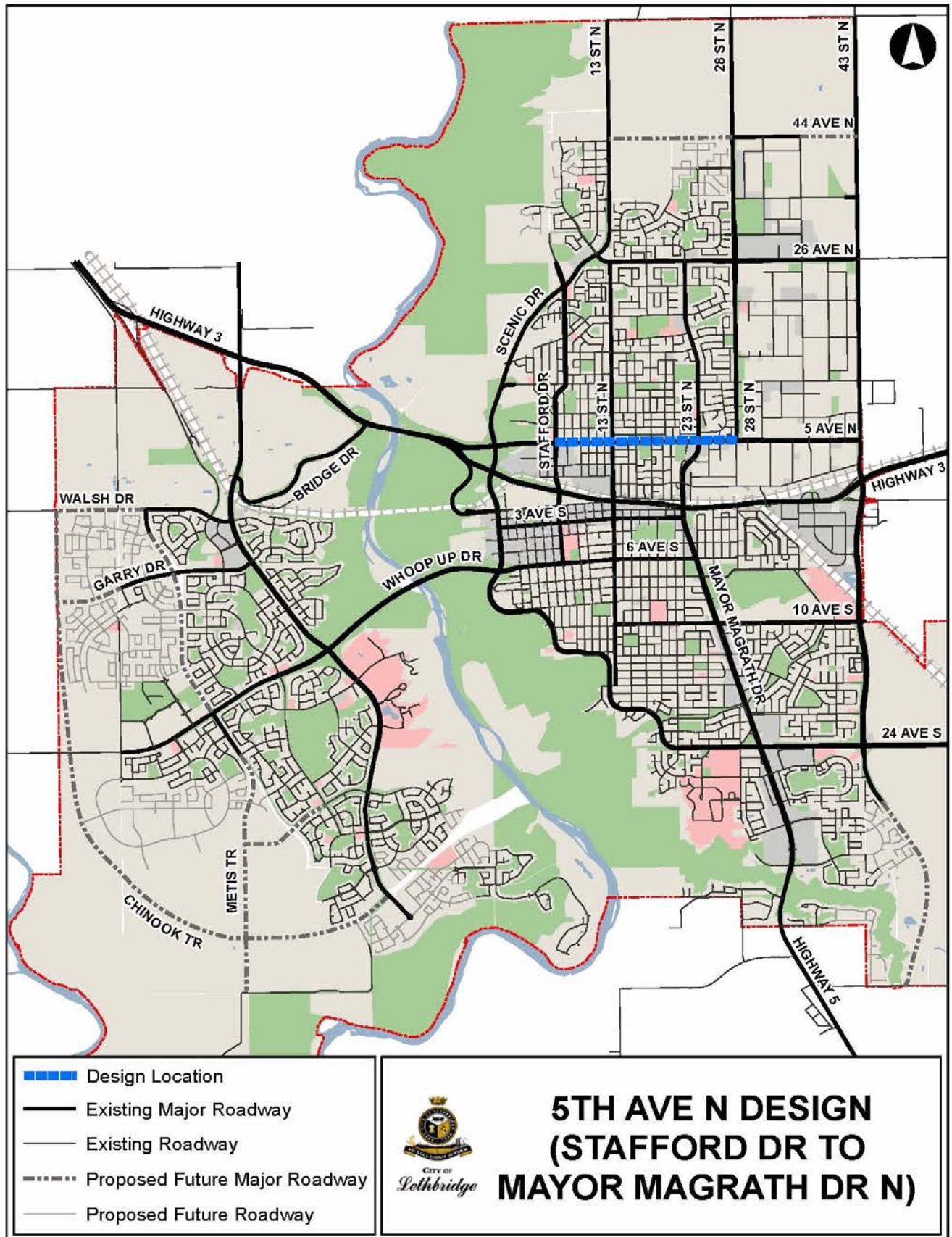
Description & Location	Purpose & Justification
<p>Preliminary design of 5th Avenue North, between Stafford Drive and Mayor Magrath Drive North. Traffic and pedestrian volumes continue to rise and there are some intersections that have been identified as collision concerns. A preliminary design of this corridor is required to improve safety and allow for increased vehicles as well as pedestrians.</p> <p>2014: Complete preliminary design from Stafford Drive to Mayor Magrath Drive North.</p>	<p>5th Avenue North is an important arterial providing access to the north side residential areas with Scenic Drive, Stafford Drive, Mayor Magrath Drive and 13th Street, all being the intersection of two arterial roadways. With growth in traffic, it is expected that 5th Avenue North will need upgrades. At some point in the future it is envisioned that 5 Avenue North between Stafford Dr and Mayor Magrath Dr would be downgraded to a collector roadway, however will still see large increases in traffic and pedestrian volumes.</p> <p>Preliminary design information is needed for the overall planning process in the City. There would be no construction as a result of this project until it is approved as a Design and Construction CIP.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services		328										328
Other		17										17
		<u>345</u>										<u>345</u>
Total Costs		345										345
Funding												
Grant - Basic Municipal Transportation		194										194
Offsite Levies		86										86
PAYG - Transportation		64										64
		<u>345</u>										<u>345</u>
Total Funding		345										345

Estimated Debt Charges
Projected Net Operating Costs

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design**

Dept - Project #: **251**

Start Year: **2014**

End Year: **2014**



CITY OF
Lethbridge

Capital Improvement Program
2014 to 2023

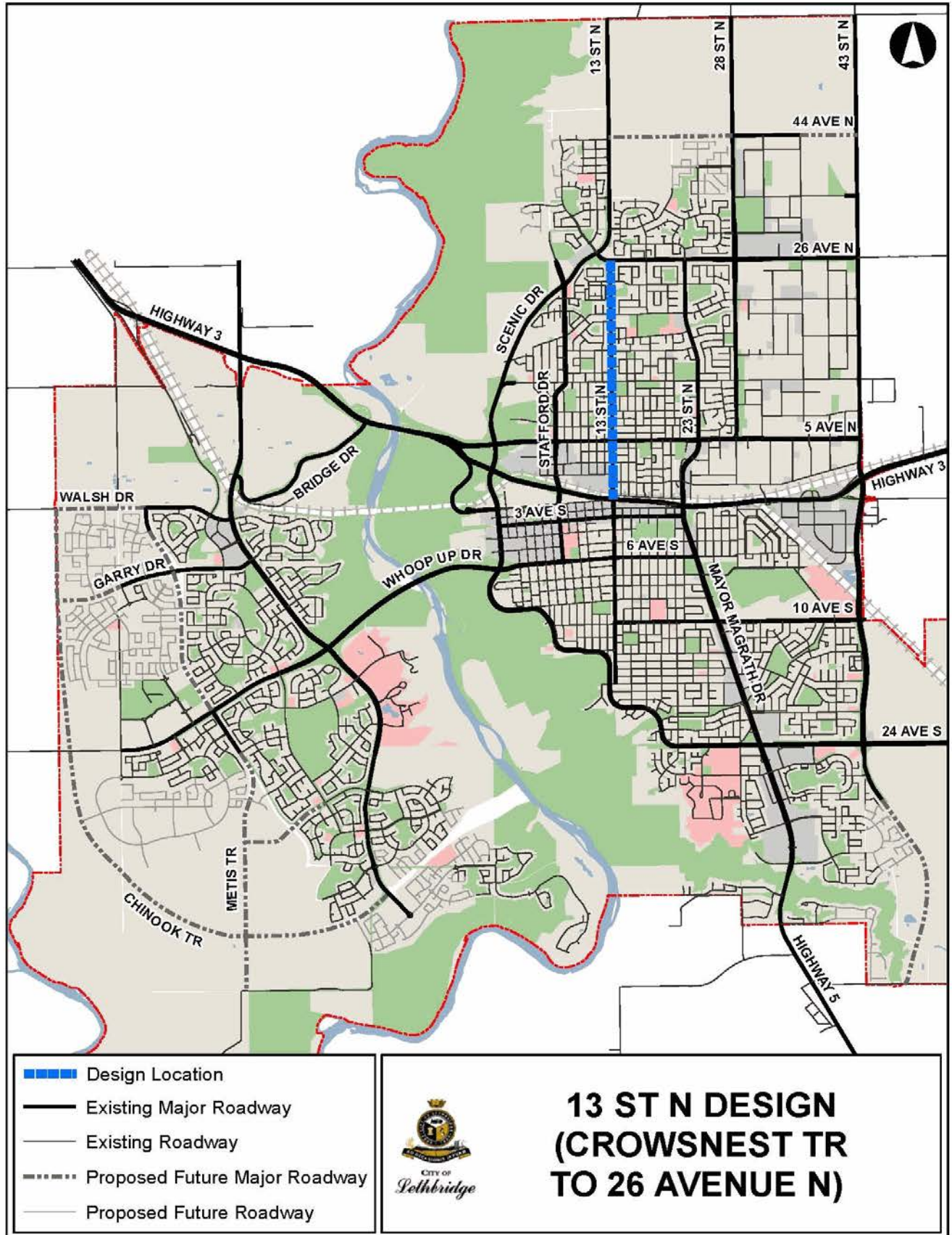
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>13th Street North between Crowsnest Trail to 26th Avenue North. This section of roadway has between two to four travel lanes and adjacent sidewalks to the roadway. Vehicle and pedestrian volumes continue to rise and some intersections are experiencing higher than normal incident/collision rates. The purpose of this study is to conduct a corridor review and determine options for improvements through a safety study and preliminary design.</p> <p>2014: Complete preliminary design from 16 Avenue South to 26 Avenue North.</p>	<p>13th Street North is an important north-south arterial. It connects the residential areas in the north with downtown and the hospital. With growth in traffic, it is expected that 13th Street North will need upgrades. There are a number of key intersections along this corridor that may need to be upgraded as well as pedestrian corridors that require upgrades. As well this roadway has recently been upgraded to include cycle lanes. To accommodate all users of this roadway, some planning and preliminary design is necessary.</p> <p>Preliminary design information is needed for the overall planning process in the City.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services		327										327
Other		18										18
		<u>345</u>										<u>345</u>
Total Costs		345										345
Funding												
Grant - Basic Municipal Transportation		194										194
Offsite Levies		86										86
PAYG - Transportation		65										65
		<u>345</u>										<u>345</u>
Total Funding		345										345

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **University Drive (Walsh to Commercial Access)**

Dept - Project #: **254**

Start Year: **2015**

End Year: **2016**



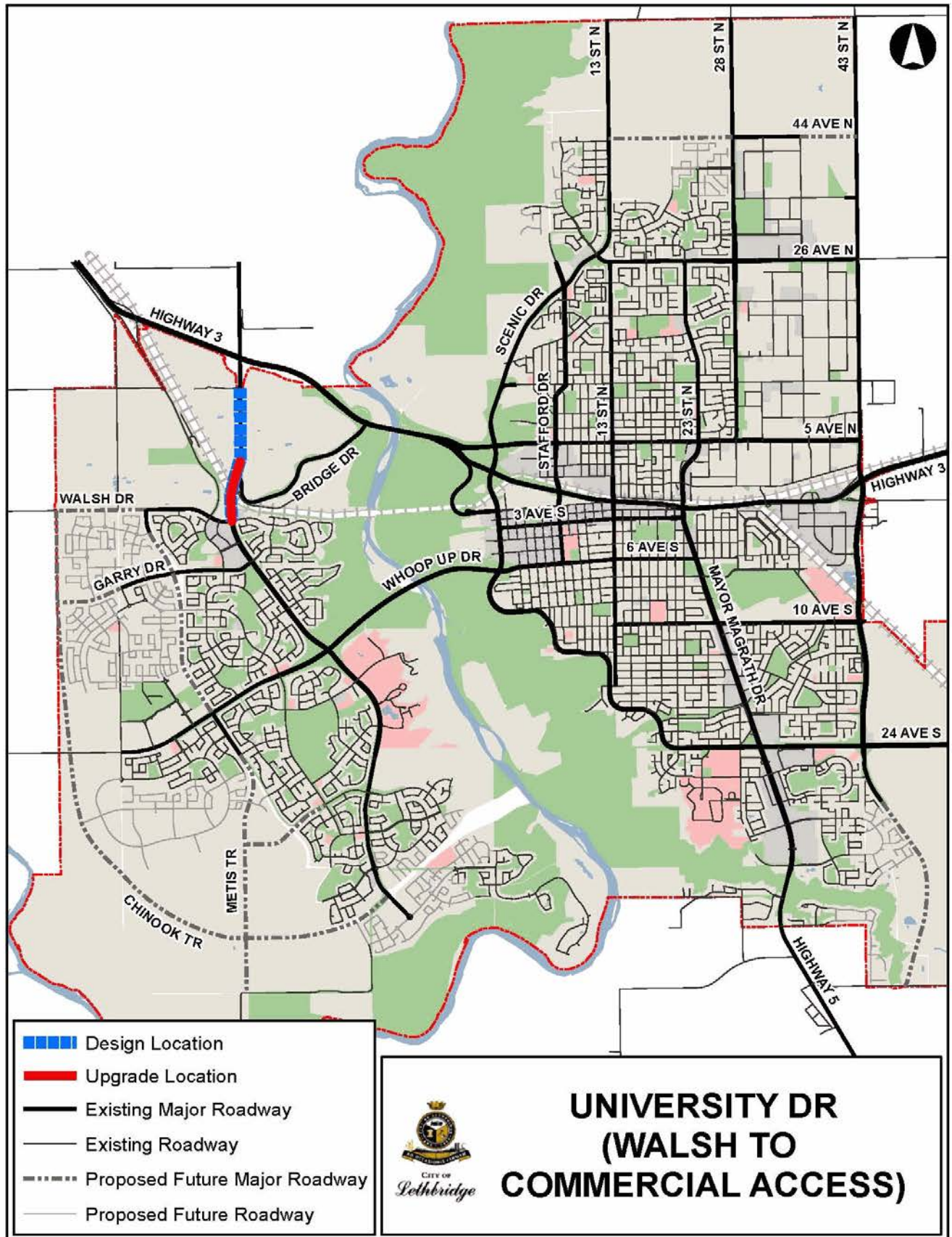
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>University Drive between Walsh Drive to Highway 3 upgrade.</p> <p>This project will convert the current rural highway to an urban roadway standard as development in the West Lethbridge Employment Center commences.</p> <p>2015: Complete preliminary design for upgrading and twinning from north of Railway Tracks to the Highway 3 interchange.</p> <p>2016: Upgrading of University Drive from Walsh Drive to commercial access. Linked to underground utilities for the extension of University Drive.</p>	<p>This project converts University Drive to an urban roadway cross section in support of growth in the West Lethbridge Employment Center.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				4,824								4,824
Consultive Services			361									361
			361	4,824								5,186
Total Costs			361	4,824								5,186
Funding												
Borrowing - Offsites				4,824								4,824
Offsite Levies			361									361
			361	4,824								5,186
Total Funding			361	4,824								5,186
Estimated Debt Charges		0	0	0	1,058	1,058	1,058	1,058	1,058	0	0	
Projected Net Operating Costs		0	0	0	37	39	40	42	43	45	47	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**Project Title: **Whoop Up Drive (McMaster to Mauretania Blvd W)**Dept - Project #: **107**Start Year: **2017**End Year: **2017**
CITY OF
Lethbridge

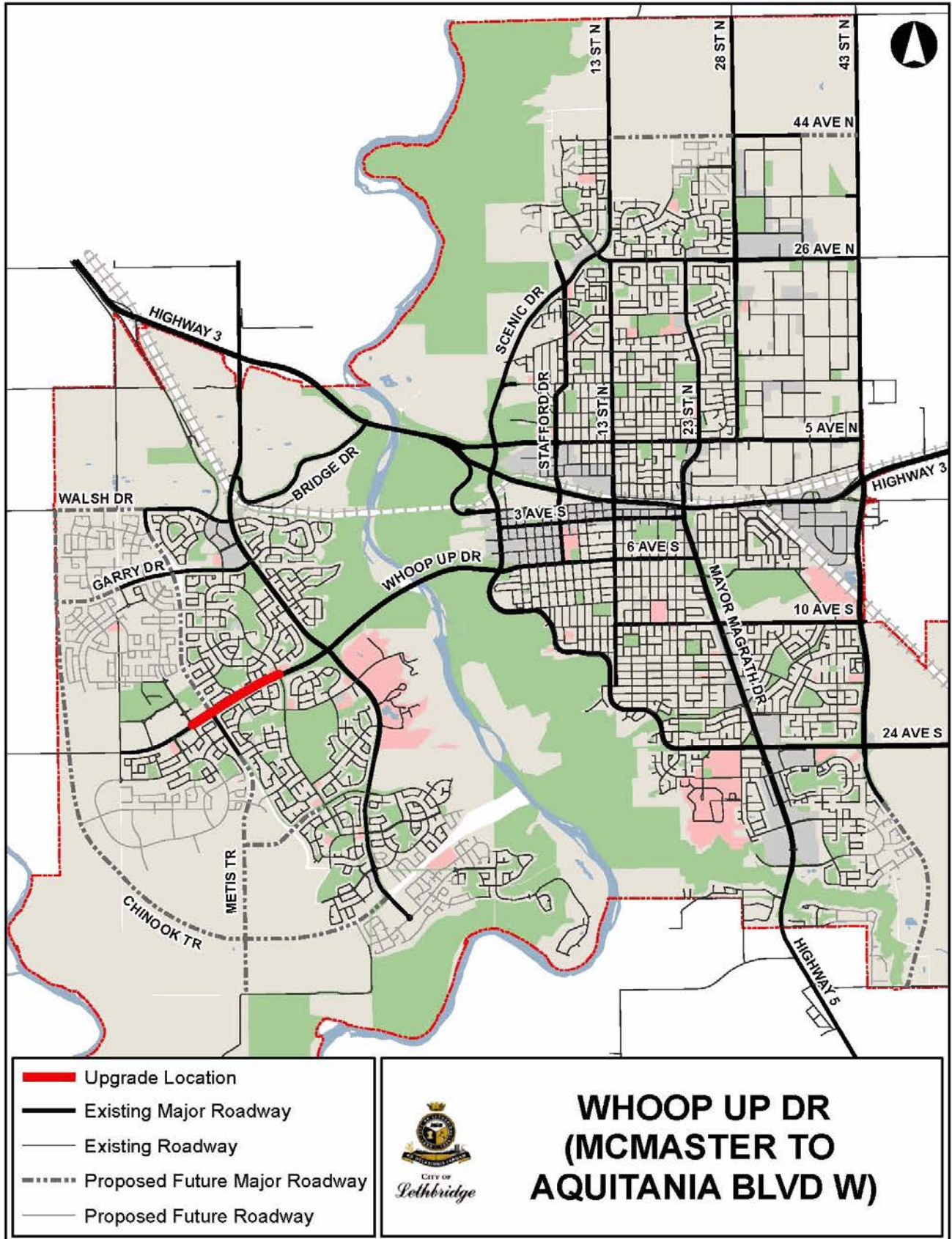
 Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
2017-2018: Complete a detailed design and construction of Whoop Up Drive from McMaster to Mauretania stage 2 (from 2 lane to 4 lane arterial roadway). The total budget includes engineering, construction, landscaping, street lighting, and signals. Construction is typically 60% to 70% of the total budget.	Whoop Up Drive is a major east-west arterial roadway connecting West Lethbridge to East Lethbridge and this roadway upgrade will increase capacity to 4 lanes to allow growth in the Crossing and Copperwood. This upgrade will also accommodate traffic generated as a result of the Leisure Complex (ATB Centre) and ongoing commercial development.

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					11,600							11,600
					11,600							11,600
Total Costs					11,600							11,600
Funding												
Borrowing - Offsites					5,800							5,800
Grant - Basic Municipal Transportation					3,886							3,886
PAYG - Transportation					1,914							1,914
					11,600							11,600
Total Funding					11,600							11,600
Estimated Debt Charges		0	0	0	0	487	487	487	487	487	487	
Projected Net Operating Costs		0	0	0	0	136	141	147	153	159	165	

Comments





Capital Improvement Program
2014 to 2023

Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **Metis Trail (Walsh to Whoop Up)**

Dept - Project #: **278**

Start Year: **2012**

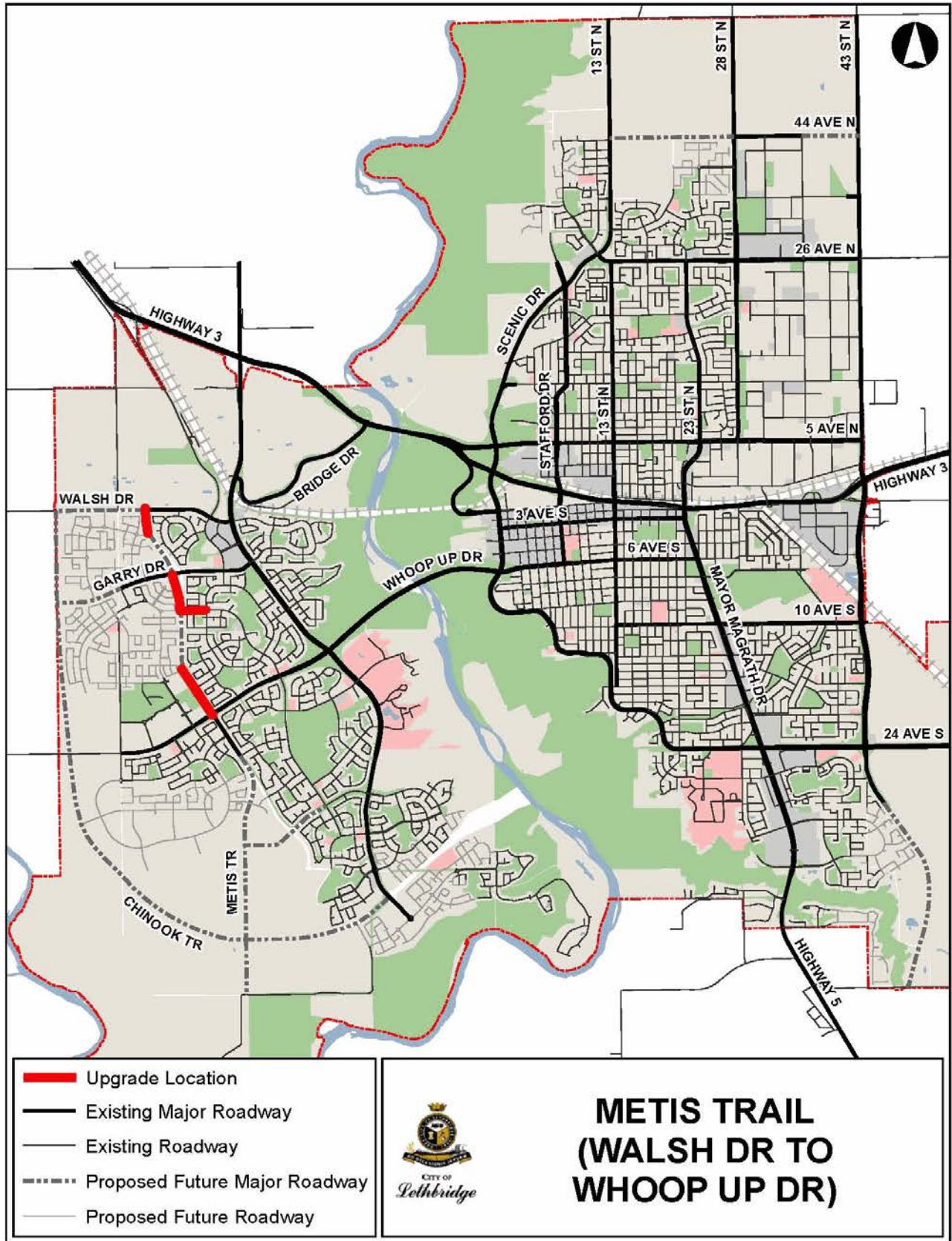
End Year: **2018**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Construct the first two lanes of Metis Trail from Walsh Dr to Whoop Up Dr W. This project would complete the first two lanes of Metis Trail for all remaining sections between Whoop-up Drive and Walsh Drive. The project will also include required upgrades to the University Drive and Walsh Drive intersection. The total budget includes engineering, construction, landscaping, street lighting, and signals. Construction is typically 60% to 70% of the total budget.</p>	<p>Metis Trail will become a major north-south arterial roadway (similar to University Drive) and will provide the necessary access to the proposed developments west of Metis Trail as well as assisting with traffic calming in existing West Lethbridge neighbourhoods.</p> <p>The construction of this road will provide needed access for continued growth in the Crossings, Garry Station and Country Meadows neighbourhoods.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction	1,972	7,078			9,700							18,750
	1,972	7,078			9,700							18,750
Total Costs	1,972	7,078			9,700							18,750
Funding												
Borrowing - Offsites		6,068			9,700							15,768
Developer Front End Financed	1,972					-1,972						
Grant - Basic Municipal Transportation		1,010										1,010
Offsite Levies						1,972						1,972
	1,972	7,078			9,700							18,750
Total Funding	1,972	7,078			9,700							18,750
Estimated Debt Charges		0	73	505	505	1,320	1,320	1,320	1,320	1,320	1,320	
Projected Net Operating Costs		13	41	43	44	178	185	193	228	237	247	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **44th Avenue North (Scenic Dr N to 43rd St N) Preliminary Design**

Dept - Project #: **49a**

Start Year: **2015**

End Year: **2015**



CITY OF
Lethbridge

Capital Improvement Program
2014 to 2023

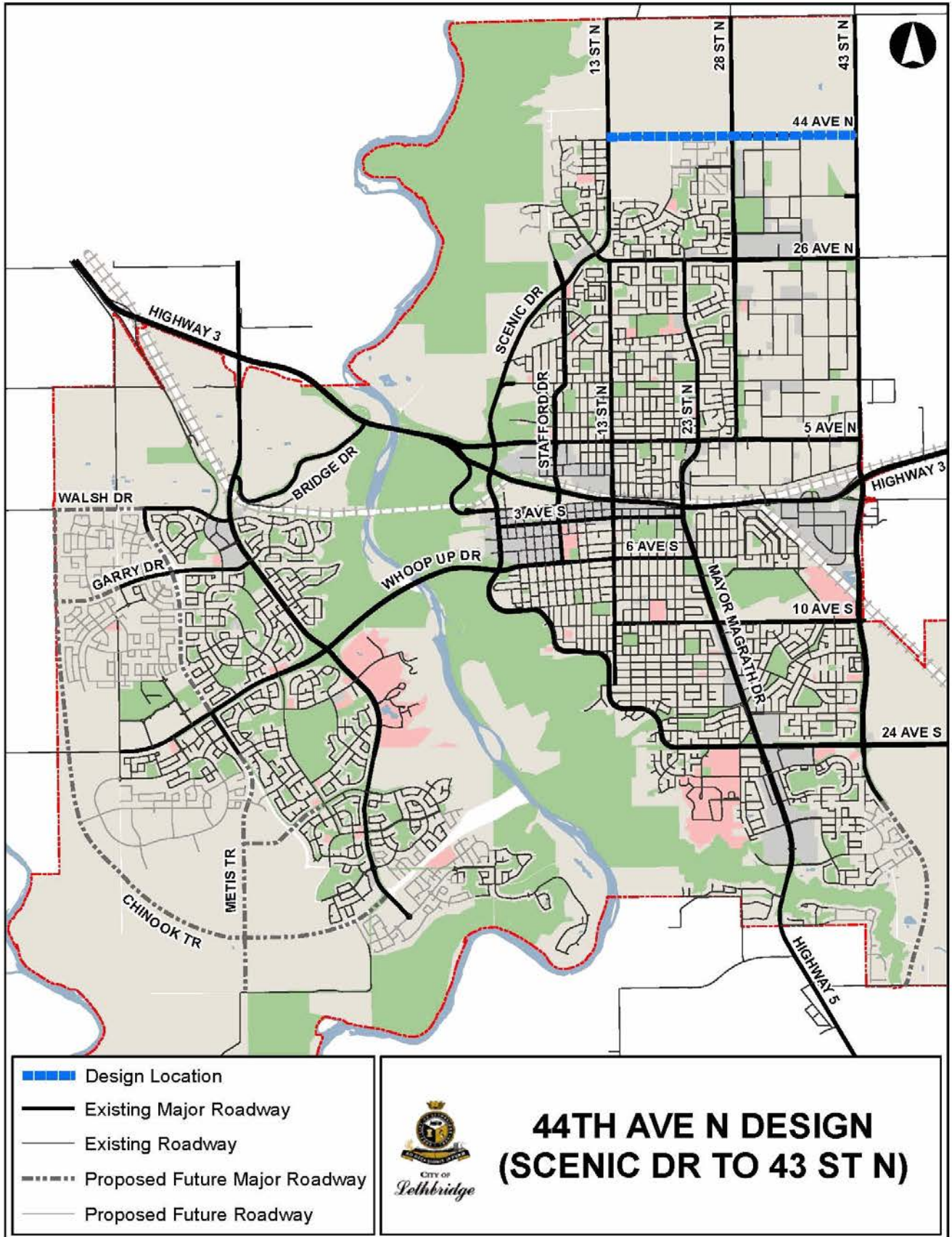
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>44th Avenue North preliminary design from Scenic Drive North to 43rd Street North.</p> <p>2015: Preliminary design from Scenic Drive North to 43rd Street North.</p>	<p>Uplands/Legacy Ridge/Hardieville area structure plan has identified significant residential and commercial development potential north of 26th Avenue North. Industrial and commercial development is also identified in the Sherring area structure plan.</p> <p>Construction of 44th Avenue North will provide access needed for new growth areas.</p> <p>Functional and preliminary design information is needed to allow planning and developments to proceed.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services			370									370
			370									370
Total Costs			370									370
Funding												
Offsite Levies			370									370
			370									370
Total Funding			370									370

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Provide Access for Growth (Offsite Levy)**
 Project Title: **28th Street North (Kodiak Gate to BlackWolf)**
 Dept - Project #: **279**
 Start Year: **2017**



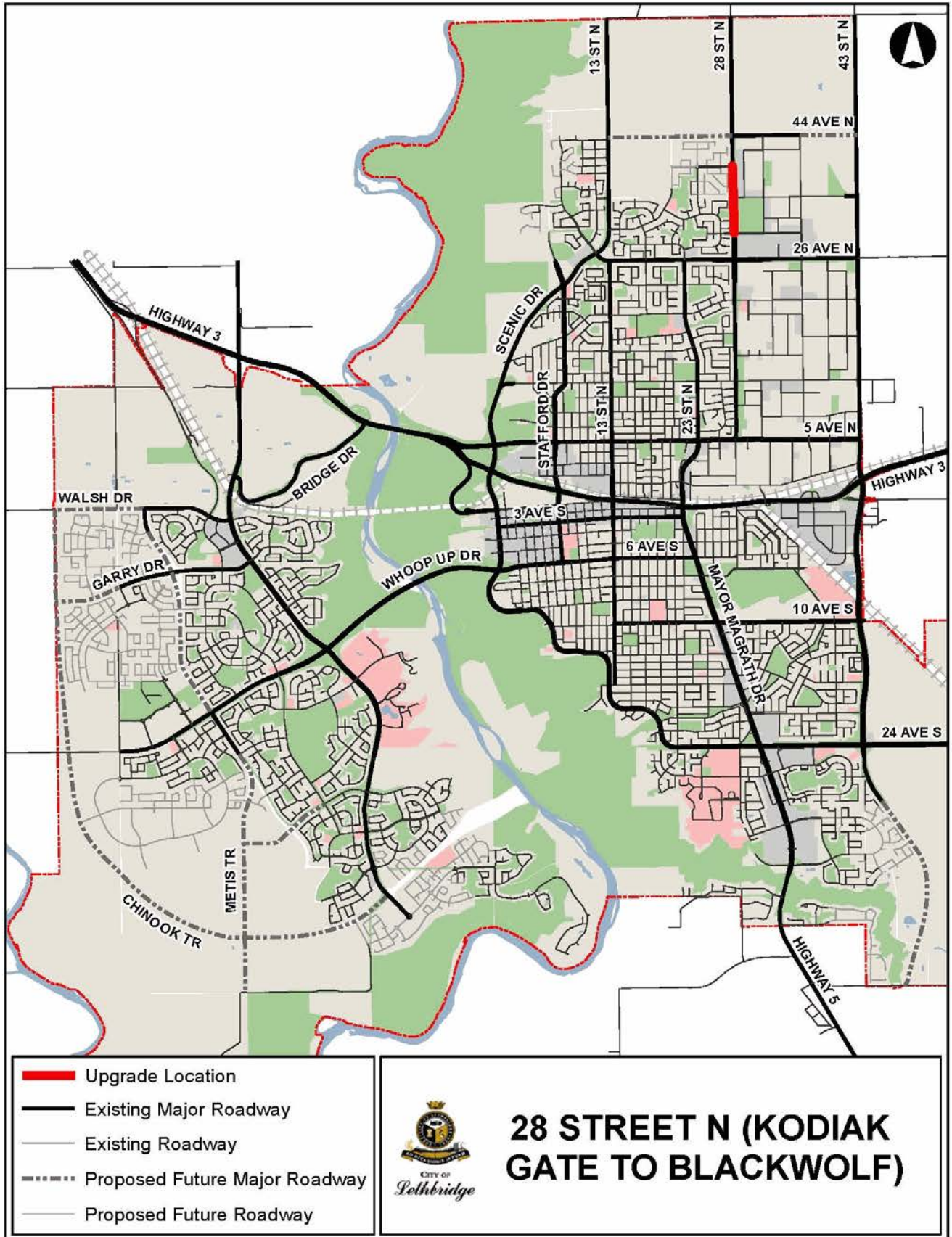
Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
28 St North from Kodiak Gate to BlackWolf entrance. 2017: Complete preliminary design and construct 2 lanes from Kodiak Gate to BlackWolf entrance of the ultimate 4 lane arterial.	28th Street North is planned as an arterial roadway carrying major north/south arterial traffic. This project creates capacity for continued growth in the Sherring commercial and industrial areas as well as Uplands and BlackWolf neighbourhoods.

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					5,500							5,500
					5,500							5,500
Total Costs					5,500							5,500
Funding												
Borrowing - Offsites					5,500							5,500
					5,500							5,500
Total Funding					5,500							5,500
Estimated Debt Charges		0	0	0	0	674	674	674	674	674	674	
Projected Net Operating Costs		0	0	0	0	49	51	53	55	58	60	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **North Scenic Drive (Uplands Blvd N to 42 Ave N)**

Dept - Project #: **50**

Start Year: **2014**

End Year: **2018**



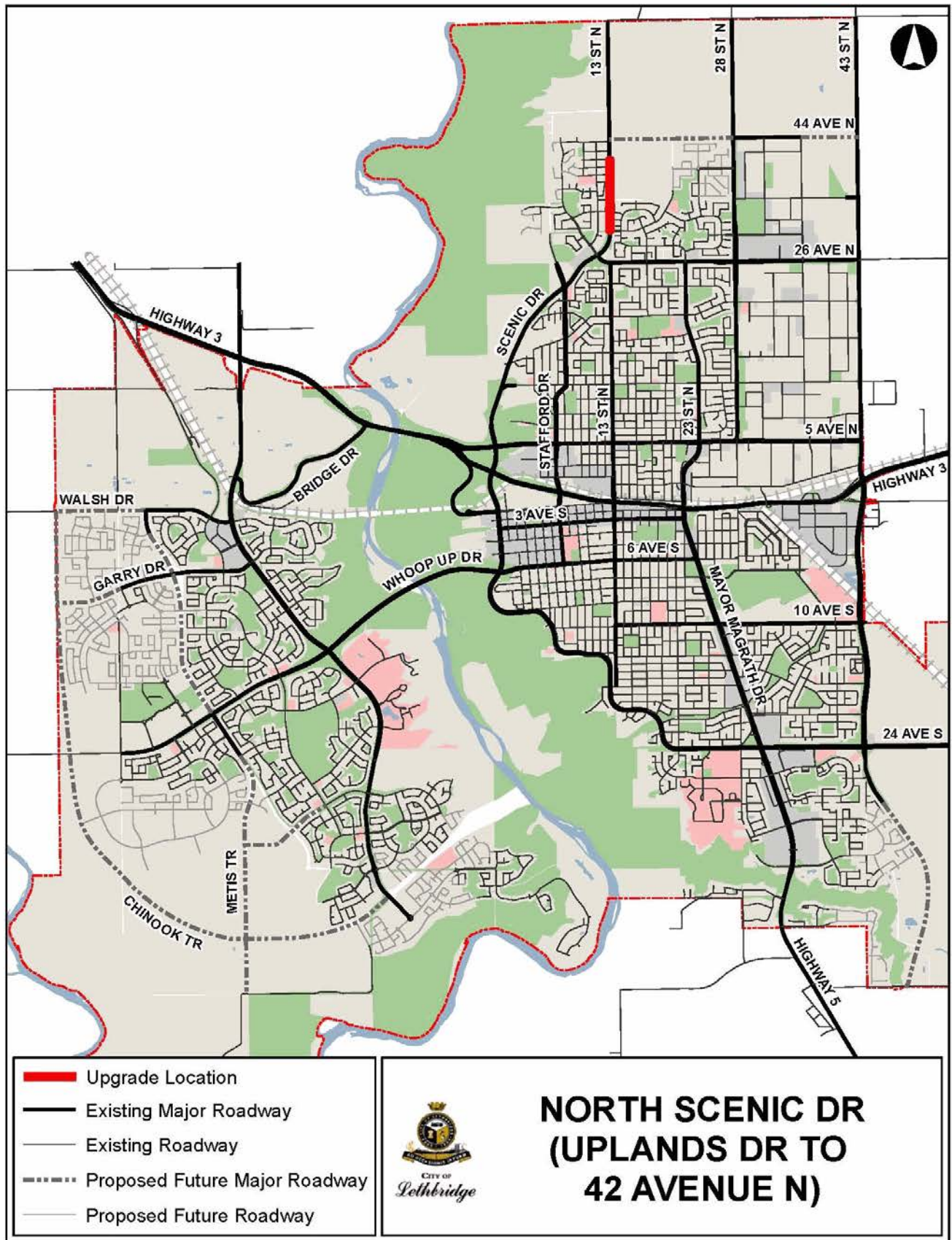
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Construction of North Scenic Drive extension from Uplands Blvd to 42nd Avenue North.</p> <p>2014: Complete detailed design - North Scenic Drive from Uplands Blvd to 40 Ave N</p> <p>2018: Complete detailed design of North Scenic Drive from 40th Avenue to 42nd Avenue North and construction of 2 lanes of the ultimate 4 lane arterial - North Scenic Drive from Uplands Blvd to 42nd Avenue North.</p> <p>This project extends and upgrades the arterial road system in response to growth in the North Uplands neighbourhood and traffic generated from both the North Regional Park and Cemetery.</p> <p>The completion of this project is scheduled for 2029. This includes 42nd Avenue to 50th Avenue, complete construction of 2 lanes of the ultimate 4 lane arterial and underground utilities.</p>	<p>Uplands/Legacy Ridge/Hardieville area structure plan has identified significant residential and commercial development potential north of 26th Avenue North.</p> <p>Construction of North Scenic Drive will provide access needed for new growth.</p> <p>Council has approved a new Cemetery location northwest of 44th Avenue North/Scenic Drive North. The upgrades to this roadway will provide improved access to the Cemetery.</p> <p>Planning is under way for the North Regional Park. Once completed, it is anticipated that traffic in the North Scenic Drive area will be increased.</p> <p>Preliminary design information is needed to allow planning of developments to proceed in a timely manner.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction						5,193						5,193
Consultive Services		200										200
		200				5,193						5,393
Total Costs		200				5,193						5,393
Funding												
Borrowing - Offsites						5,193						5,193
Offsite Levies		200										200
		200				5,193						5,393
Total Funding		200				5,193						5,393
Estimated Debt Charges		0	0	0	0	0	1,139	1,139	1,139	1,139	1,139	
Projected Net Operating Costs		0	0	0	0	0	48	50	52	54	56	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**
 Project Title: **Metis Trail (Coalbanks Link to Waterbridge)**
 Dept - Project #: **105**
 Start Year: **2022**



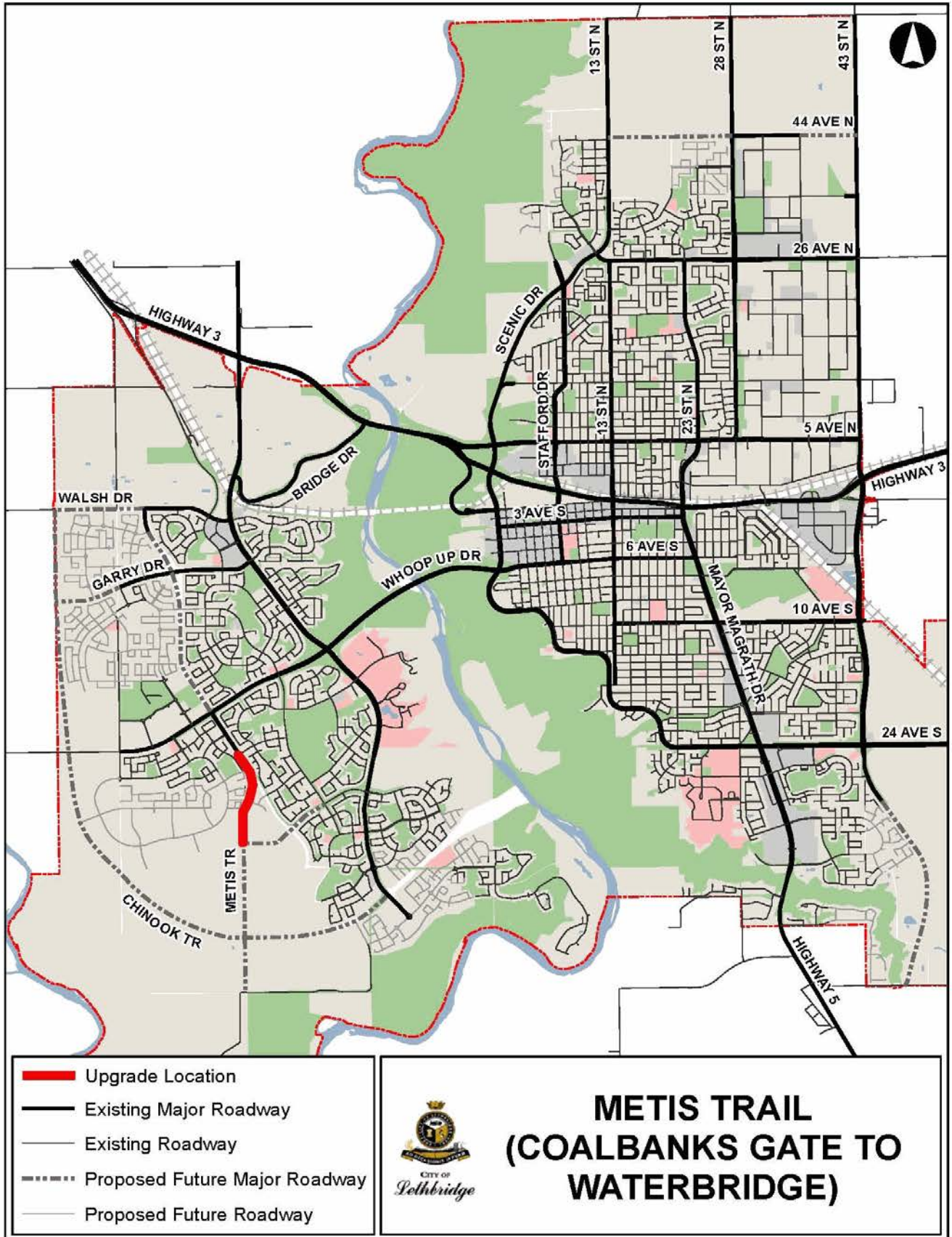
Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Construct the first 2 lanes of Metis Trail from Coalbanks Link to Waterbridge West (South of Whoop Up Drive).</p> <p>2022: Detail design and construct the first 2 lanes of the ultimate 4 lane arterial from Coalbanks Link to Waterbridge. This is to accommodate traffic from Copperwood (via Coalbanks Link), Varsity Village (via Temple Blvd) and Copperwood stage 2. This project will extend the arterial road southward allowing the Waterbridge neighbourhood to begin developing.</p>	<p>Metis Trail will become a major north-south arterial roadway (similar to University Drive) and will provide the necessary access to the proposed developments west of Metis Trail as well as assisting with traffic calming in existing West Lethbridge neighbourhoods and reduce traffic demands on University Drive.</p> <p>This project extends Metis Trail south to allow the Waterbridge neighbourhood to begin developing.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction										12,188		12,188
										12,188		12,188
Total Costs										12,188		12,188
Funding												
Borrowing - Offsites										12,188		12,188
										12,188		12,188
Total Funding										12,188		12,188
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	1,121	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	113	

Comments



Major Program: **Provide Access for Growth (Offsite Levy)**

Project Title: **43rd Street South (Highway 4 to Clearview Entrance)**

Dept - Project #: **47**

Start Year: **2023**

End Year: **2023**



CITY OF
Lethbridge

Capital Improvement Program
2014 to 2023

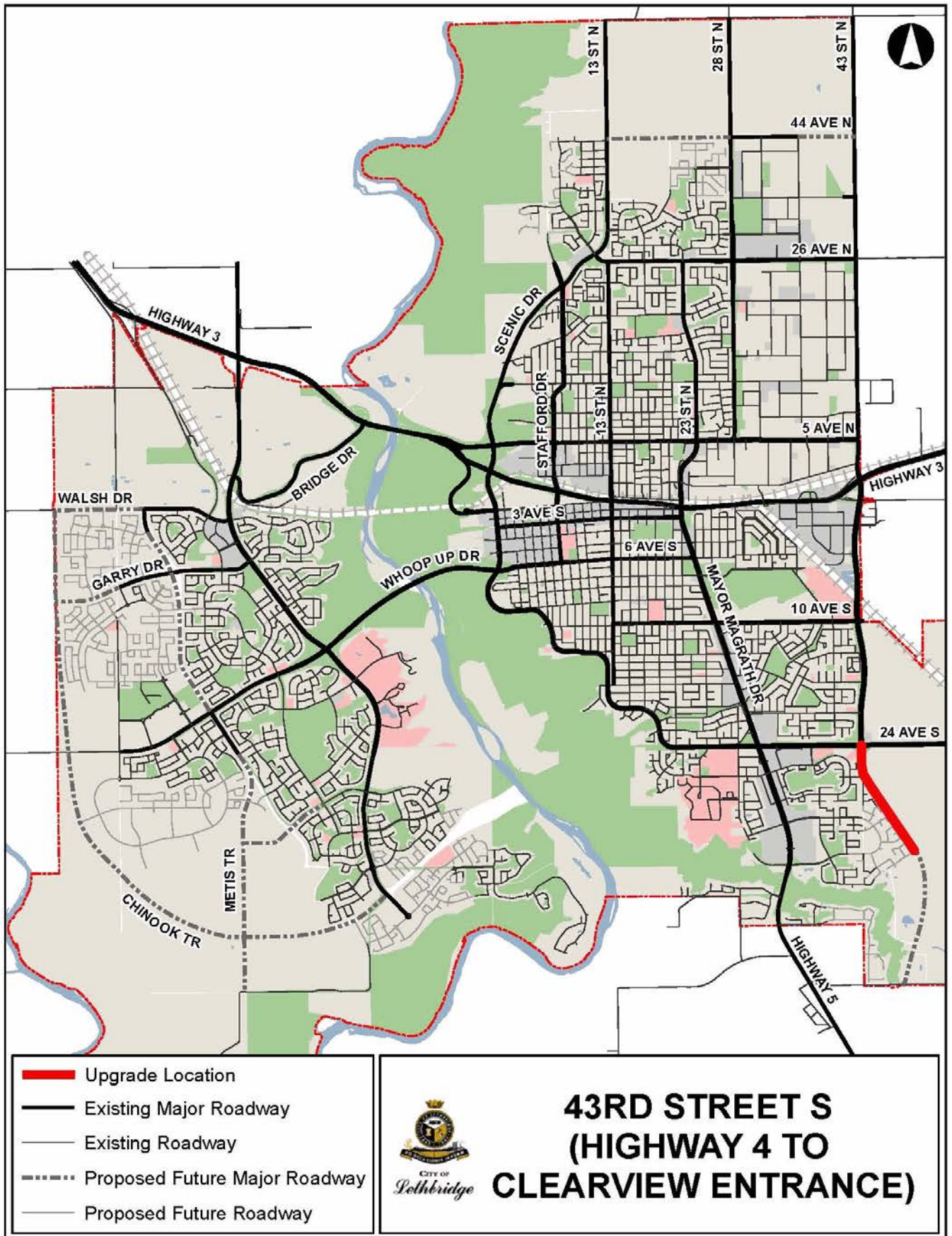
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>43rd Street South will be extended from Highway 4 to Highway 5 as development proceeds in Southeast Lethbridge.</p> <p>2023: 24th Avenue to Clearview subdivision's second entrance - complete detailed design and construct the first 2 lanes of the ultimate 4 lane arterial.</p>	<p>43rd Street South will provide the future access needed for new growth in the Clearview neighbourhood. It is anticipated that a second access to Clearview will be required in 2023. This will be dependant upon the rate of growth in this area.</p> <p>The ultimate roadway link connecting to Highway 5 near the airport will relieve future pressures on Mayor Magrath Drive and improved emergency service routes. The construction of this road will provide needed access and restore levels of service. There will be an overall reduction in traffic congestion, road user costs, travel times, vehicle emissions and driver frustration in the road network in South Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction											5,780	5,780
											5,780	5,780
Total Costs											5,780	5,780
Funding												
Borrowing - Offsites											5,780	5,780
											5,780	5,780
Total Funding											5,780	5,780

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



COMMUNITY
CAPITAL IMPROVEMENT PROJECTS
2014-2023

City of Lethbridge
Community

Amended November 14, 2016

Capital Improvement Program 2014 - 2023
Commencing in the First Four Years

Project Costs	Page	Project Costs				
		2014	2015	2016	2017	2018-2023
All amounts below are in thousands						
Community						
<u>Funded Community Projects</u>						
Previously Approved Projects						
Parks Asset Management	D - 5	1,994	1,993	1,993		
Lethbridge Regional Police Headquarters Expansion	D - 6	5,500	15,715	6,405		
Crossings Ice Complex	D - 7	13,339	13,849	2,196		
Southern Alberta Ethnic Association Facility	D - 8	3,900				
Exhibition Infrastructure Upgrades and Replacement	D - 9	3,412				
South Side Parks Depot	D - 10	1,118				
North Regional Park	D - 11	11,125	8,625			
Art Acquisition Program	D - 12	372	485	238	262	559
		40,760	40,667	10,832	262	559
Maintain Current Assets						
Henderson Pool	D - 13	836	9,186	236		
Yates Renewal	D - 14			560	10,488	2,352
Historical Preservation of the Bowman Facility	D - 15	200	1,660			
Galt Museum Preservation	D - 16	950				
Labor Club Renewal	D - 17			2,200		
Nicholas Sheran Picnic Shelter and Washroom Facility	D - 18	80	800			
Park Lighting Replacement	D - 19	3,600				
Traffic Signal Preemption	D - 20				2,800	
ENMAX Air Conditioning	D - 23	2,530				
Pathway Connections	D - 24	650	650	650	650	1,110
Radio Replacement	D - 25	2,000	1,000			
Fritz Sick Parking Lot	D - 26		780			
Parking Meter Replacement	D - 27	700	650	650		
Lakeview Washrooms & Concession	D - 28	360				
West Lethbridge Operations Depot (Phase 2)	D - 29				1,730	3,400
		11,906	14,726	4,296	15,668	6,862
New Facilities						
3rd Avenue Reconstruction and Streetscaping	D - 30	540	7,340			
School Gymnasium Upsize	D - 31		754		816	
Leisure Centre (Full Build Out)	D - 32	4,550	12,960	27,250	29,250	35,540
New School Site Development	D - 33		3,530			
North Regional Park (New Amenities)	D - 34				2,250	2,250
Vacant School Site Development	D - 36				1,600	
Lethbridge Sports Park Change Rooms	D - 37	70	700			
West Lethbridge Centre Washrooms (Sports Fields)	D - 38	70	420			
Integrated Customer Service Strategy (Phase 1 & 2)	D - 39	750	500			
		5,980	26,204	27,250	33,916	37,790
Community Groups						
Spitz Stadium	D - 40		2,912			
Neighborhood Skate Park (SLP Skate Park)	D - 41	702				
		702	2,912			
TOTAL		59,348	84,509	42,378	49,846	45,211

City of Lethbridge
Community

Amended November 14, 2016

Capital Improvement Program 2014 - 2023
Commencing in the First Four Years

Project Funding	Project Funding				
	2014	2015	2016	2017	2018-2023
	All amounts below are in thousands				
Borrowing			9,050	25,090	31,380
Capital Consolidation	540	130			
Community Groups	1,783	250			
Grant - AB Community Partnership		605	1,160	1,160	1,160
Grant - Building Canada Fund	11,000	14,250			
Grant - Federal Enabling Accessibility		50			
Grant - Federal Gas Tax Fund (FGTF)	5,306	400			
Grant - MSI	22,929	26,014	18,899	9,880	3,400
Grant - Other	125		560	2,940	
Internal Borrowing	93	14,101	4,921		
Lifecycle & Unexpended Funds	741	1,742			
Naming Sponsorship	100				
Operating Budget	4,309	3,270	2,200	1,148	2,352
PAYG - Community	5,102	4,363	1,938	4,212	3,919
Reserve - Community Reserve	1,000				
Reserve - MCPR	4,280	6,720	3,000	3,000	3,000
Reserve - MRSR		754		816	
Reserve - Offstreet Parking	700	650	650		
Reserve - Urban Parks	140	1,120			
Subdivision Surplus	800	8,130		1,600	
Utility / GST Rebate	400				
Wastewater Capital		980			
Water Capital		980			
TOTAL	59,348	84,509	42,378	49,846	45,211

City of Lethbridge

Amended November 14, 2016

Community

Capital Improvement Program 2014 - 2023

Project Costs	Page	Project Costs										Total
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
All amounts below are in thousands												
Community												
<u>Funded Community Projects</u>												
Previously Approved Projects												
Parks Asset Management	D - 5	1,994	1,993	1,993								5,980
Lethbridge Regional Police Headquarters Expansion	D - 6	5,500	15,715	6,405								27,620
ATB Centre - Phase 1 (Ice Complex)	D - 7	13,339	13,849	2,196								29,384
Southern Alberta Ethnic Association Facility	D - 8	3,900										3,900
Exhibition Infrastructure Upgrades and Replacement	D - 9	3,412										3,412
South Side Parks Depot	D - 10	1,118										1,118
North Regional Park	D - 11	11,125	8,625									19,750
Art Acquisition Program	D - 12	372	485	238	262	50	62	154	292			1,915
Maintain Current Assets												
Henderson Pool	D - 13	836	9,186	236								10,258
Yates Renewal	D - 14			560	10,488	2,352						13,400
Historical Preservation of the Bowman Facility	D - 15	200	1,660									1,860
Galt Museum Preservation	D - 16	950										950
Labor Club Renewal	D - 17			2,200								2,200
Nicholas Sheran Picnic Shelter and Washroom Facility	D - 18	80	800									880
Park Lighting Replacement	D - 19	3,600										3,600
Traffic Signal Preemption	D - 20				2,800							2,800
South Side Fire Station Replacement	D - 21					1,590	3,920	3,780				9,290
Arena Replacement	D - 22						1,930	10,090	12,690			24,710
ENMAX Air Conditioning	D - 23	2,530										2,530
Pathway Connections	D - 24	650	650	650	650	360	370	380				3,710
Radio Replacement	D - 25	2,000	1,000									3,000
Fritz Sick Parking Lot	D - 26		780									780
Parking Meter Replacement	D - 27	700	650	650								2,000
Lakeview Washrooms & Concession	D - 28	360										360
West Lethbridge Operations Depot (Phase 2)	D - 29				1,730	3,400						5,130
New Facilities												
3rd Avenue Reconstruction and Streetscaping	D - 30	540	7,340									7,880
School Gymnasium Upsize	D - 31		754		816							1,570
Leisure Centre (Full Build Out)	D - 32	4,550	12,960	27,250	29,250	31,970	3,570					109,550
New School Site Development	D - 33		3,530									3,530
North Regional Park (New Amenities)	D - 34				2,250	2,250						4,500
Yates Enhancement	D - 35							1,160	9,510			10,670
Vacant School Site Development	D - 36				1,600							1,600
Lethbridge Sports Park Change Rooms	D - 37	70	700									770
West Lethbridge Centre Washrooms (Sports Fields)	D - 38	70	420									490
Integrated Customer Service Strategy (Phase 1 & 2)	D - 39	750	500									1,250
Community Groups												
Spitz Stadium	D - 40		2,912									2,912
Neighborhood Skate Park (SLP Skate Park)	D - 41	702										702
TOTAL PROJECTS		59,348	84,509	42,378	49,846	41,972	9,852	15,564	22,492			325,961

Contingent Commitment for Future Funding

Performing Arts Centre	D - 42					10,000						10,000
Exhibition Park Trade, Convention Centre & Agriplex	D - 43					25,000						25,000

Referral (Note 1)

Downtown Washrooms	D - 44	380										380
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Note 1: Referred to the Heart of the City Committee and should the washrooms be deemed a priority they be funded from the annual allocation to the Downtown Redevelopment Fund.

City of Lethbridge

Amended November 14, 2016

Community

Capital Improvement Program 2014 - 2023

Project Funding	Project Funding										Total
	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	
	All amounts below are in thousands										
Borrowing			9,050	25,090	27,810	3,570					65,520
Capital Consolidation	540	130									670
Community Groups	1,783	250									2,033
Grant - AB Community Partnership		605	1,160	1,160	1,160						4,085
Grant - Building Canada Fund	11,000	14,250						2,500			27,750
Grant - Federal Enabling Accessibility		50									50
Grant - Federal Gas Tax Fund (FGTF)	5,306	400									5,706
Grant - MSI	22,929	26,014	18,899	9,880	4,990	5,310	13,420	11,990			113,432
Grant - Other	125		560	2,940							3,625
Internal Borrowing	93	14,101	4,921								19,115
Lifecycle & Unexpended Funds	741	1,742									2,483
Naming Sponsorship	100										100
Operating Budget	4,309	3,270	2,200	1,148	2,352						13,279
PAYG - Community	5,102	4,363	1,938	4,212	2,660	972	2,144	8,002			29,393
Reserve - Community Reserve	1,000										1,000
Reserve - MCPR	4,280	6,720	3,000	3,000	3,000						20,000
Reserve - MRSR		754		816							1,570
Reserve - Offstreet Parking	700	650	650								2,000
Reserve - Urban Parks	140	1,120									1,260
Subdivision Surplus	800	8,130		1,600							10,530
Utility / GST Rebate	400										400
Wastewater Capital		980									980
Water Capital		980									980
TOTAL FUNDING	59,348	84,509	42,378	49,846	41,972	9,852	15,564	22,492			325,961

D - 3

City of Lethbridge
Community
Capital Improvement Program 2014 - 2023
Net Operating Costs

Please refer to A-6 for operating cost information related to this section.

Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility cost if applicable.

Pay-As-You-Go (PAYG) - Community Forecast

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
All amounts below are in thousands of dollars												
Opening Balance	417	(2,235)	(4,048)	(3,336)	(4,798)	(4,608)	(2,630)	(1,724)	(6,576)	(3,326)		
Capital Requirements												
Crossings Ice Complex	D - 7	(75)	(76)								(151)	
North Regional Park	D - 11	(600)									(600)	
Art Acquisition Program	D - 12	(372)	(485)	(238)	(262)	(50)	(62)	(154)	(292)		(1,915)	
Henderson Pool	D - 13	(95)									(95)	
Yates Renewal	D - 14				(150)						(150)	
Galt Museum Preservation	D - 16	(30)									(30)	
Traffic Signal Preemption	D - 20				(500)						(500)	
South Side Fire Station Replacement	D - 21						(140)	(150)			(290)	
Arena Replacement	D - 22						(400)	(300)	(700)		(1,400)	
ENMAX Air Conditioning	D - 23	(2,530)									(2,530)	
Pathway Connections	D - 24	(650)	(650)	(650)	(650)	(360)	(370)	(380)			(3,710)	
Fritz Sick Parking Lot	D - 26		(440)								(440)	
West Lethbridge Operations Depot (Phase 2)	D - 29				(400)						(400)	
Aquatics Centre	D - 32		(700)	(1,050)							(1,750)	
North Regional Park (New Amenities)	D - 34				(2,250)	(2,250)					(4,500)	
Yates Enhancement	D - 35							(1,160)	(7,010)		(8,170)	
Integrated Customer Service Strategy (Phase 1 & 2)	D - 39	(750)	(500)								(1,250)	
Spitz Stadium	D - 40		(1,512)								(1,512)	
		(5,102)	(4,363)	(1,938)	(4,212)	(2,660)	(972)	(2,144)	(8,002)		(29,393)	
Additions:												
Current Year Funding		2,450	2,550	2,650	2,750	2,850	2,950	3,050	3,150	3,250	3,350	29,000
		2,450	2,550	2,650	2,750	2,850	2,950	3,050	3,150	3,250	3,350	29,000
Closing Balance		(2,235)	(4,048)	(3,336)	(4,798)	(4,608)	(2,630)	(1,724)	(6,576)	(3,326)	24	

Major Program: **Previously Approved Projects**

Project Title: **Parks Asset Management**

Dept - Project #: **267**

Start Year: **2011**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The asset management program for Parks is aligned with the principle of the City budget process which states the caring of current assets or infrastructure takes a higher priority than building new assets or infrastructure.</p> <p>Combined with best practice in maintenance the asset management program uses condition ratings, as 'trigger points' for lifecycle replacement. This program is based on the principles defined by the Corporate Asset Management program and followed by other City departments. The condition of much of the inventory is past the point of being functional or safe.</p> <p>This program deals with much of the inventory as a collective which represents significant investment and needs treatment within a program. The replacement value of these assets is \$84,000,000.</p> <p>This program is the second half of a comprehensive effort to catch up on the backlog of deteriorated infrastructure so the process of keeping current with acceptable standards can be followed. The completion of the program will allow asset renewal to become an ongoing annual program. Categories of assets included in this program include:</p> <ul style="list-style-type: none"> • Pathways \$1,391,000 • Japanese Gardens \$450,000 • Playgrounds \$896,000 • Park amenities \$1,253,000 • Irrigation systems \$1,358,000 • Sports amenities \$632,000 	<p>The residents of Lethbridge place a high value on parks. The development of an asset management program follows industry best practice across North America. The intent of the asset management program is to preserve the design function of a park and maintain an inviting and satisfying experience for park users.</p> <p>This program is not based on rule of thumb percentage formulas of depreciation curves used to calculate lifecycle requirements. It is based on condition assessments, industry wide best practice and public expectation. The program is not intended to keep inventory in a new condition, or at the highest standard, but is intended to meet public expectations for safety, unencumbered function and cost effective maintenance.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	30											30
Consultive Services	10											10
Equip. & Furnishings	4,160	1,994	1,993	1,993								10,140
	4,200	1,994	1,993	1,993								10,180
Total Costs	4,200	1,994	1,993	1,993								10,180
Funding												
Grant - Municipal Sustainability (MSI)	567	1,994	1,993	1,993								6,547
Internal Borrowing	2,499											2,499
PAYG - Community	1,134											1,134
	4,200	1,994	1,993	1,993								10,180
Total Funding	4,200	1,994	1,993	1,993								10,180
Estimated Debt Charges		219	219	219	219	219	219	219	219	219	219	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

Parks Asset Management

Park Amenities



Irrigation



Parks Drainage



Playgrounds



Pathways



Fencing





Capital Improvement Program
2014 to 2023

Major Program: **Previously Approved Projects**

Project Title: **Lethbridge Regional Police Headquarters Expansion**

Dept - Project #: **224**

Start Year: **2013**

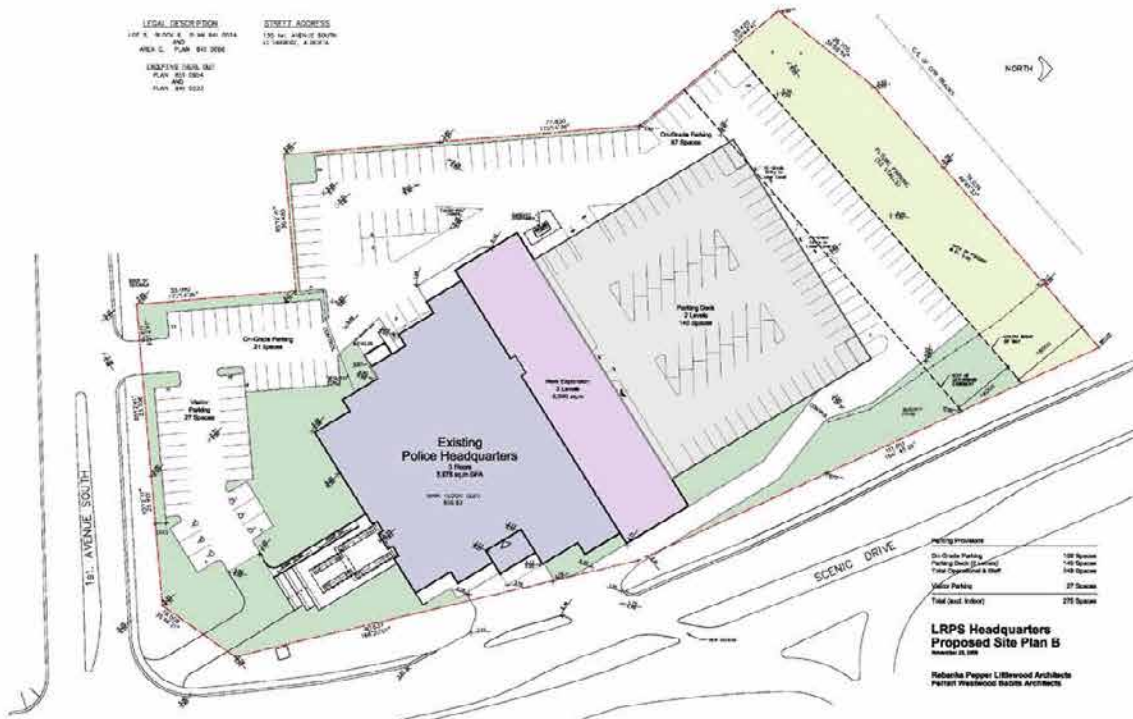
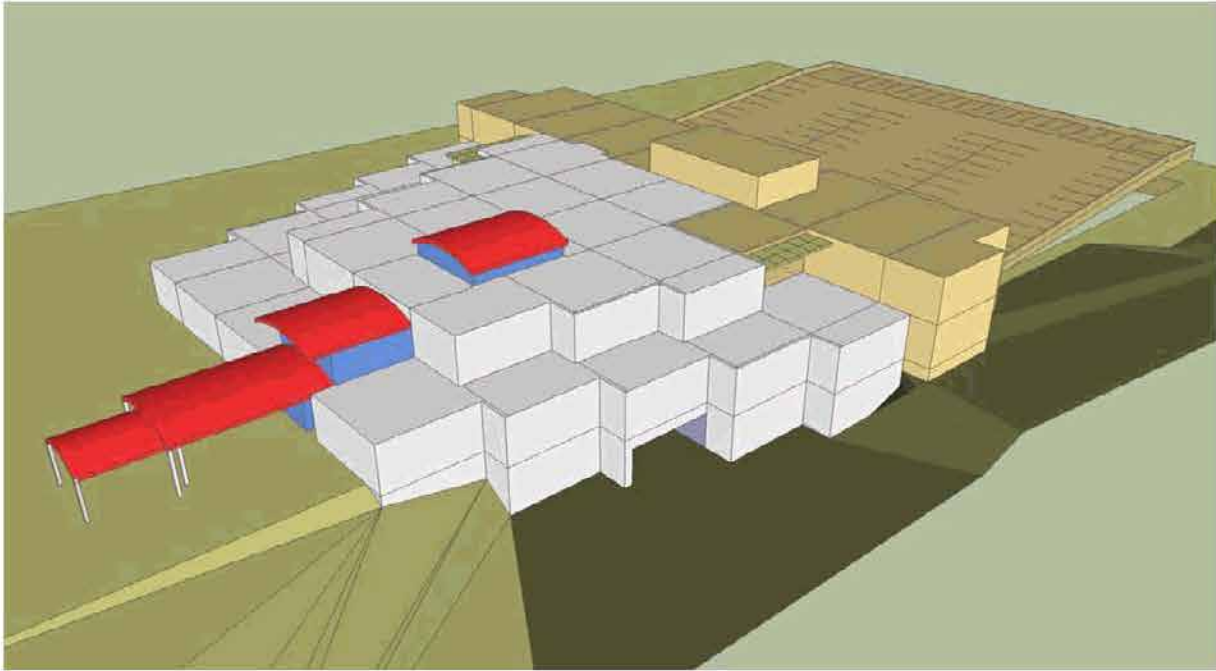
End Year: **2016**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Option 1 for the Lethbridge Regional Police Headquarters Facility Expansion includes:</p> <ul style="list-style-type: none"> • Relocation of the Public Safety Communications Centre to the new Fire Department headquarters • Construction of a three-level structure at the rear of the existing headquarters building and a 2-level parking structure beginning in 2013 and completion in 2016. The addition will add approximately 3,500 sq.m. of functional area, making the total building footprint of the headquarters facility approximately 9,500 sq.m. The parking structure will increase parking capacity for operational and staff vehicles from 167 spaces to approximately 248. The expansion will extend the service life of the headquarters building for approximately 25 years. <p>Increases in the budget were required due to changes imposed from Alberta Solicitor General. The LRPS is no longer able to use the Remand Centre for detainees thus increasing the requirements on the detention cells. Delays from conceptual design to actual design have resulted in changes in the AB Building Code that require the LRPS HQ to be a Post Disaster Facility increasing requirements for Mechanical, Electrical and Structural work between the existing building and in the expanded addition.</p>	<p>In 1996 the Lethbridge Regional Police Service moved to its current location at 135 1 Avenue South. The police building currently houses 243 staff as well as nearly 60 volunteers and has exceeded its design occupancy. As the populations of Lethbridge and Coaldale continue to increase, so too will the demand for police services. Expansion of the existing building is necessary to address critical space shortages and accommodate future growth.</p> <p>The Lethbridge Regional Police Service utilizes a central deployment model where all police services are dispatched from a single site. Deviating from this model would be impractical and unworkable from a policing perspective and result in a breakdown of effective communication between units as well as other inefficiencies. While alternative accommodation strategies were considered, the most feasible and economical solution is an expansion of the existing building.</p> <p>The following summarizes shortfalls with the existing site:</p> <ul style="list-style-type: none"> • As a result of employee growth, changes in policing methods, technology, and provincial partnerships, the police building has reached capacity with many functions being short of space. • Areas that immediately require additional space are Major Crimes, Organized Crimes, shared Criminal Investigation Division areas, locker rooms and operational/staff parking. • There is also a shortage of meeting space, training areas and storage

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		3,563	14,910	4,431								22,904
Consultive Services	300	1,335	200	49								1,884
Equip. & Furnishings				1,185								1,185
Other		602	605	740								1,947
	300	5,500	15,715	6,405								27,920
Total Costs	300	5,500	15,715	6,405								27,920
Funding												
Grant - Municipal Sustainability (MSI)	300	4,021	2,590	3,680								10,591
Internal Borrowing			13,125	2,725								15,850
Operating Budget		1,479										1,479
	300	5,500	15,715	6,405								27,920
Total Funding	300	5,500	15,715	6,405								27,920
Estimated Debt Charges		0	0	1,307	1,579	1,579	1,579	1,579	1,579	1,579	1,579	
Projected Net Operating Costs		0	0	382	717	744	770	798	826	855	888	

Comments



Major Program: **Previously Approved Projects**
 Project Title: **ATB Centre - Phase 1 (Ice Complex)**
 Dept - Project #: **119**
 Start Year: **2008**



Capital Improvement Program
 2014 to 2023

End Year: **2016**

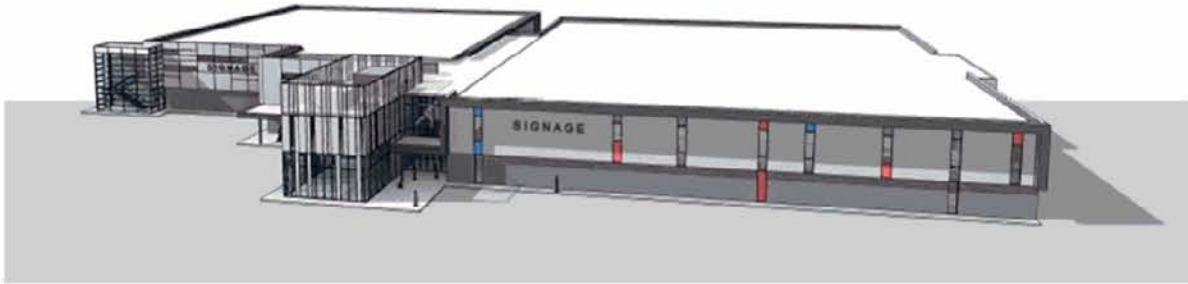
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Twin Ice Arena Construction of an approximately 83,500 sq.ft. twin ice surface arena. The arena will be located on the corner of Britannia Blvd. and Mauretania Road West. The budget supports the following scope of work: 2 NHL sized ice surfaces, 900 spectator seats in total, change rooms and offices.</p> <p>Curling Rink Construction of an approximately 42,000 sq.ft. curling rink. The curling rink will be located on the corner of Britannia Blvd. and Mauretania Road West. The budget supports the following scope of work: a minimum of 10 sheets of curling ice, change rooms, offices and a pro shop.</p> <p>In addition, these two facilities would have a common entrance area and would share the following spaces: mechanical areas, parking, viewing area, food and beverage services, elevator, and multi-purpose rooms.</p> <p>These two facilities will be designed and constructed to accommodate a potential phase 2 (Leisure Centre).</p>	<p>The Civic Centre which currently facilitates both a skating rink and curling rink is 63 years old. Due to the age of this facility major lifecycle work is required. In addition, 6th Avenue may be required for right-of-way expansion within the next 25 years which further complicates parking and accessibility to the facility front entrance.</p> <p>Presently due to a deficiency of available skating ice program time many of the community ice user groups are unable to grow their organization and are required to schedule ice time within arenas outside of Lethbridge. The Twin Ice Arena would provide increased ice time and promote additional regional, provincial and national events to be hosted in Lethbridge.</p> <p>The Curling Rink presently is not able to meet the Curling Club's functional requirements such as parking, food and beverage, spectator viewing, washrooms, change rooms and the ability to allow the curling program to grow with the addition of more ice sheets.</p> <p>The art acquisition program is the difference between the original approved amount and the revised amount including the Curling Rink.</p>

All amounts below are in thousands of dollars

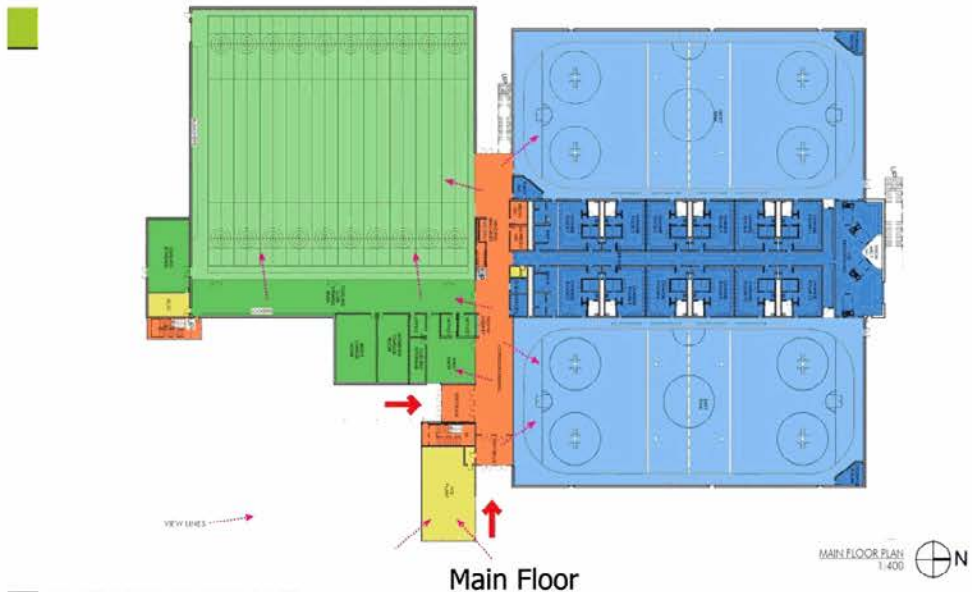
	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	6,129	12,977	12,903	2,148								34,157
Consultive Services	2,549	287	287	48								3,171
Property Acquisition & Development	3,289											3,289
	<u>11,967</u>	<u>13,264</u>	<u>13,190</u>	<u>2,196</u>								<u>40,617</u>
Costs - Non-Shareable												
Art Acquisition Program		75	76									151
Equip. & Furnishings			583									583
		<u>75</u>	<u>659</u>									<u>734</u>
Total Costs	11,967	13,339	13,849	2,196								41,351
Funding												
Building Canada Fund (Federal)		5,500	4,500									10,000
Building Canada Fund (Provincial)		5,500	4,500									10,000
Grant - Municipal Sustainability (MSI)	9,832	2,171	3,797									15,800
Internal Borrowing	1,835	93	976	2,196								5,100
PAYG - Community	300	75	76									451
	<u>11,967</u>	<u>13,339</u>	<u>13,849</u>	<u>2,196</u>								<u>41,351</u>
Total Funding	11,967	13,339	13,849	2,196								41,351
Estimated Debt Charges		165	165	274	498	498	498	498	498	498	498	
Projected Net Operating Costs		0	0	314	334	356	379	403	428	453	480	

Comments

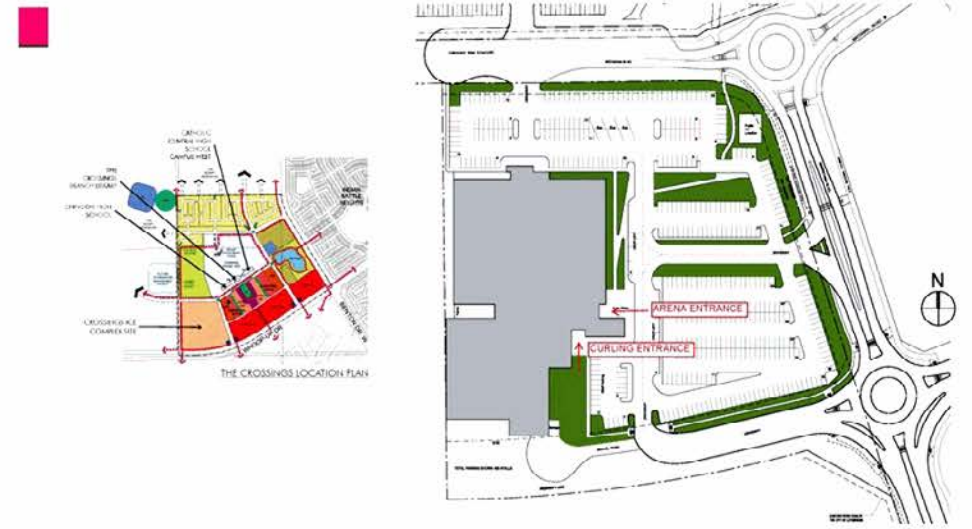
The estimated operating costs for this project starting in 2016 would be \$1,043,000 per year. However \$728,900 is included in the 2014 budget representing a partial year of operations and therefore the \$314,100 in 2016 reflects only the increase over what is already in the base budget.



3/30/06 VIEW 3D RENDERING



Main Floor



Site Plan



Stage View



Lobby

Major Program: **Previously Approved Projects**

Project Title: **Exhibition Infrastructure Upgrades and Replacement**

Dept - Project #: **239**

Start Year: **2011**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>1. To replace the existing underground infrastructure , including water, wastewater, and storm water.</p> <p>2. Replacement of the roof, washrooms, electrical, and HVAC and other mechanical systems, for the:</p> <ul style="list-style-type: none"> South Pavilion West Pavilion North Pavilion Heritage Hall <p>3. A long term redevelopment master plan that will select one of 2 sites being considered for future development. Criteria for site selection includes:</p> <ul style="list-style-type: none"> Economic Viability Investment requirements Program needs for the Exhibition and stakeholders 	<p>Operating and maintenance costs are escalating due to aging infrastructure and inflation. The infrastructure investment would reduce operating and maintenance costs, and may increase revenue opportunities.</p> <p>Redevelopment pressures are being driven by:</p> <ul style="list-style-type: none"> the poor condition and functionality of the buildings, the poor condition and functionality of the site services static revenues and rising expenses

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	5,934	3,412										9,346
	5,934	3,412										9,346
Total Costs	5,934	3,412										9,346
Funding												
Community Groups	2,967	1,706										4,673
Grant - Federal Gas Tax Fund (FGTF)	344	1,706										2,050
Grant - Municipal Sustainability (MSI)	1,523											1,523
PAYG - Transportation	1,100											1,100
	5,934	3,412										9,346
Total Funding	5,934	3,412										9,346

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

North Pavillion



Main Pavillion



Heritage Hall



West Pavillion



Major Program: **Previously Approved Projects**

Project Title: **South Side Parks Depot**

Dept - Project #: **270**

Start Year: **2012**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The inefficiencies created from staging from the north central location present challenges to maintaining the level of service especially as growth in the city continues to move southward.</p> <p>A proposed site of approximately 1 hectare located on the south side of the city will include a 3,000 square foot building including equipment bays and facilities for staff. The site will also include a fenced compound for equipment and supply storage. Similar depots are located in the river valley and in Nicholas Sheran Park.</p>	<p>Parks maintenance equipment is typically slow moving and not ideally suited for long trips on streets. This situation poses a safety concern for operators and long travel times limit productivity. Travel times reduce the length of the work day and create limitations to efficiency. Parks maintenance staff currently relies on public facilities or require other staff to pick them up to return to the depot when needed. A Parks depot in the south end of the city will improve operational efficiency, staff safety, and improve management logistics.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		1,016										1,016
Consultive Services	272											272
Equip. & Furnishings		102										102
	272	1,118										1,390
Total Costs	272	1,118										1,390
Funding												
Grant - Municipal Sustainability (MSI)	272	1,118										1,390
	272	1,118										1,390
Total Funding	272	1,118										1,390

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

Parks Depot in Nicholas Sheran Park



Former Parks Depot in Henderson Lake Park



Major Program: **Previously Approved Projects**

Project Title: **North Regional Park**

Dept - Project #: **156**

Start Year: **2008**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The March 2002 Hardieville / Legacy Ridge / Uplands Area Structure Plan identified a 55 acres site located in the north central area as the focal point for developing a new regional park. This park has followed an extensive public engagement process beginning in 2009. Detailed park design will follow the completion of an amendment of the Area Structure Plan and necessary progress of the resulting Outline Plan.</p> <p>Based on the April 2, 2013 Council resolution, the park size was increased from 55 acres to 73 acres in total.</p> <p>This park will be designed as a destination park for the entire city as well as contributing to the parks system on the north side of the city. The plan for this new park is that it will be complimentary with the other regional parks while being unique and distinctive in the parks system as a whole.</p> <p>The plan for phase one of the park amenities include:</p> <ul style="list-style-type: none"> • Spray park • Depot building including public washroom • Phase one of children's discovery park • Family fun zone washroom (part of the Pavilion building) • Picnic area parking lot • Picnic area washroom • Drop-in picnic sites • Phase one skate park (older kids phase) • Sport courts 	<p>The purpose of this regional park is to provide opportunities and attractions that are unique in atmosphere and character which acts as a draw for the entire community while at the same time complementing the region. The design of the park will provide a number of activities which will appeal to a wide variety of residents. This park will act as the focal point for the parks system in the north as well as a destination park for the entire city. The location of the park balances the distribution of regional parks in Lethbridge and will contribute to the character and appeal of the communities in the northern areas of the city.</p> <p>The base cost of subdivision development will be shared between the Parks Department and the Real Estate and Land Development Department. Although park planning is not far enough advanced to provide costing detail, the intent is to phase park development to align with budget allocation. Initial development will include base park development including a pond, pathways, landscaping, playgrounds, washrooms and parking. The construction of the additional park facilities (amenities) will be addressed in a separate project. The park master plan has identified possible amenities to include in the park, such as a spray park, skateboard park, sport courts, multi use facilities, picnic areas, etc. As planning progresses a more detailed phasing plan will be determined.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		11,125	8,625									19,750
Consultive Services	1,000											1,000
	1,000	11,125	8,625									20,750
Costs - Non-Shareable												
Construction		1,910										1,910
		1,910										1,910
Total Costs	2,910	11,125	8,625									22,660
Funding												
Grant - Municipal Sustainability (MSI)		8,725	4,025									12,750
PAYG - Community	2,910	600										3,510
Reserve - Community Reserve		1,000										1,000
Subdivision Surplus		800	4,600									5,400
	2,910	11,125	8,625									22,660
Total Funding	2,910	11,125	8,625									22,660
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	657	725	793	860	927	995	1,062	

Comments



NORTH LETHBRIDGE REGIONAL PARK

Major Program: **Previously Approved Projects**

Project Title: **Art Acquisition Program**

Dept - Project #: **169**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>To fund the Art Acquisition Program</p> <p>The program is supported by a designation of 1% of Community Services capital projects to the commissioning of public arts projects.</p>	<p>The community has identified, through the Arts Policy, a desire to create a quality public realm in a vibrant and animated community. Public art should be a source of community pride and as such should be designed with an emphasis on craftsmanship, quality and permanence. The community wishes to celebrate local culture and enhance arts awareness through art acquisition.</p> <p>There needs to be a policy that creates a mechanism to commission, acquire and determine the relevance of works of art to the community. The Policy needs to include a process to manage resources the city acquires. The policy will also identify criteria for the location, maintenance standards and infrastructure.</p> <p>The Art Acquisition Program should ensure the location of public art is aligned with sites identified in the Heart of Our City Master Plan as well as other city plans or initiatives.</p>

All amounts below are in thousands of dollars

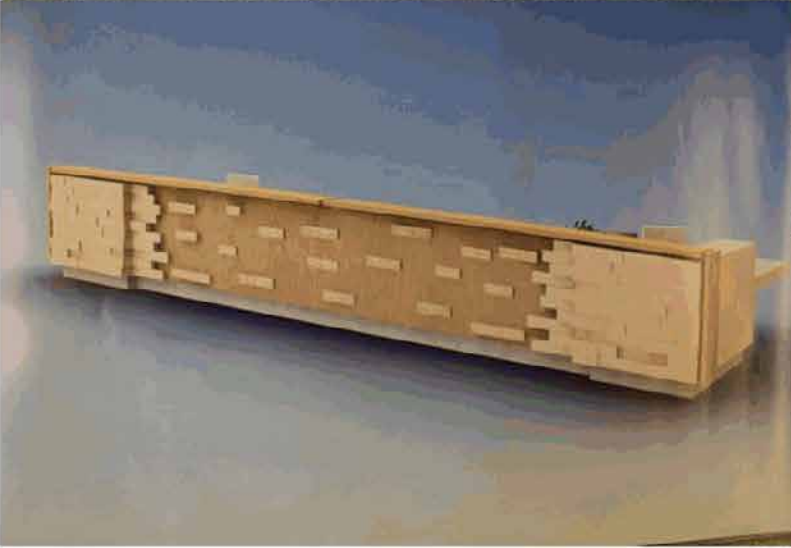
	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Equip. & Furnishings		372	485	238	262	50	62	154	292			1,915
		372	485	238	262	50	62	154	292			1,915
Total Costs		372	485	238	262	50	62	154	292			1,915
Funding												
PAYG - Community		372	485	238	262	50	62	154	292			1,915
		372	485	238	262	50	62	154	292			1,915
Total Funding		372	485	238	262	50	62	154	292			1,915

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

Art Acquisition Program



Major Program: **Maintain Current Assets**Project Title: **Henderson Pool**Dept - Project #: **317**Start Year: **2014**End Year: **2016**Capital Improvement Program
2014 to 2023

Description & Location	Purpose & Justification
<p>This project is the replacement of the Henderson Lake outdoor pool basin, the mechanical systems, the inclusion of a variety of accessibility upgrades, and the addition of new amenities. The swimming pool basin replacement would include a zero depth entry which will assist in addressing accessibility concerns for the functional use of the facility. New circulation equipment (pumps and piping) will be installed which will eliminate the leaking of pipes and improve the quality of the water and the efficiency of the facility.</p> <p>Accessibility upgrades to meet the need of the whole community will include a hand rail in the pool basin to the 3.5 feet depth at which there will be a flat area to accommodate wheelchairs, automatic door openers, heights of sinks/mirrors, ramp installed from change house to pool deck, fully accessible washrooms at pool deck.</p> <p>This project will also provide new amenities to enhance the visitor experience to the facility. These include:</p> <ul style="list-style-type: none"> • Water slides (2), drop Slide, and one metre diving board • Climbing wall • 1600 sq ft Spray pad and play unit • Tot play area in the pool basin area <p>In addition, the grass area will be expanded to accommodate more users, provide shaded resting zones, and improve safety site lines for staff, parents and aides.</p>	<p>The Henderson Swimming Pool, constructed in 1964 is one of two outdoor swimming facilities in Lethbridge. This building is used extensively through the summer months and has an average of 30,000 visitors per year.</p> <p>In 2011, the Basin Replacement Concept Design Report identified the existing pool basin is in poor condition resulting in the loss of water during the operating season. Water needs to be continually added to maintain the level. As a result of the constant water loss, extra chemicals are required to maintain the balance of the water.</p> <p>The existing piping servicing the pool is also failing and maintenance costs are steadily increasing.</p> <p>This renovation will increase the functionality of the facility and enhance the user experience. It will provide a facility that is operationally more efficient, environmentally friendly and will meet accessibility and code requirements.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			8,931	187								9,118
Consultive Services		464	150	36								650
Other		372	105	13								490
		<u>836</u>	<u>9,186</u>	<u>236</u>								<u>10,258</u>
Total Costs		836	9,186	236								10,258
Funding												
Community Groups			250									250
Grant - AB Comm Partnership			605									605
Grant - Federal Enabling Accessibility			50									50
Grant - Federal Gas Tax Fund (FGTF)			400									400
Grant - Municipal Sustainability (MSI)			6,139	236								6,375
Lifecycle & Unexpended Funds		741	1,742									2,483
PAYG - Community		95										95
		<u>836</u>	<u>9,186</u>	<u>236</u>								<u>10,258</u>
Total Funding		836	9,186	236								10,258
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	68	70	72	74	76	79	81	84	

Comments



Henderson Pool



Henderson Tank Empty



Major Program: **Maintain Current Assets**Project Title: **Yates Renewal**Dept - Project #: **322**Start Year: **2016**End Year: **2018**Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Revised Scope for Project D-14 includes:</p> <ul style="list-style-type: none"> • Upgraded mechanical and electrical systems throughout, including site services and communication systems • Installation of a fire sprinkler system • Upgraded performance audio/visual systems • Acoustic treatments • Barrier free washroom upgrades • Addition of elevators • Upgraded finishes; such as, painting, flooring, and ceilings • Concrete floor addition underneath auditorium • Catwalk relocation • Dressing room revisions • Seating replacements • Roofing replacements • Signage 	<p>The Genevieve Yates Memorial Centre was constructed in 1966 and has served as the home of the Lethbridge Musical Theatre, New West Theatre, school performances and dance festivals for many years. Most of the electrical systems are original as well as many of the mechanical systems. The functional layout of the building is very challenging as some of the spaces do not meet functional requirements. In addition, the washroom spaces do not meet current code requirements.</p> <p>In 1990, the 180 seat Sterndale Bennett Theatre was added to the facility as a rehearsal space; however this area is also used for bookings.</p> <p>These upgrades and renovations will allow the building to meet current functional requirements as well as address accessibility and code issues. Mechanical and electrical upgrades will contribute to a more efficient and easier to maintain building environment. Functional upgrades are required to enhance the amenities provided to the spectators and user groups and to improve the overall quality of the musical and theatrical performances. Diamond Schmitt Architects were contracted to provide a functional assessment and recommendations from their final report will form the basis for the upgrade plan.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				467	9,331	2,196						11,994
Consultive Services				75	992	122						1,189
Other				18	165	34						217
				560	10,488	2,352						13,400
Total Costs				560	10,488	2,352						13,400
Funding												
Grant - Canada Cultural Spaces Fund				560	2,940							3,500
Grant - Municipal Sustainability (MSI)					6,250							6,250
Operating Budget					1,148	2,352						3,500
PAYG - Community					150							150
				560	10,488	2,352						13,400
Total Funding				560	10,488	2,352						13,400

Estimated Debt Charges

Projected Net Operating Costs

Comments

Yates Renewal



Major Program: **Maintain Current Assets**

Project Title: **Historical Preservation of the Bowman Facility**

Dept - Project #: **297**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project consists of rehabilitation work required at the Bowman Facility. The project plan proposes the following:</p> <ul style="list-style-type: none"> • Creation of a building access at grade level on the west side of the building • Patching, repair, and repointing of bricks and stone • Upgrading drainage around the building and other site elements • Reinforcing the deteriorating foundation • Performing general building envelope improvements (replacing windows, doors, and roof membranes). • Restoring interior character-defining elements such as the stairwell and main hallway. <p>The restoration would follow the "Standards and Guidelines for the Preservation of Historic Places in Canada."</p>	<p>The Bowman is a provincially-designated historic resource, currently housing the Allied Arts Council and their member groups. The 1913 building was purchased by the City from the school board in 1963. This building requires lifecycle investment to address its deteriorating condition and to preserve its historic character.</p> <p>The preservation work proposed will extend the life of this historic structure.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			1,583									1,583
Consultive Services		200	36									236
Other			41									41
		200	1,660									1,860
Total Costs		200	1,660									1,860
Funding												
Grant - Municipal Sustainability (MSI)		80	1,660									1,740
Operating Budget		120										120
		200	1,660									1,860
Total Funding		200	1,660									1,860

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

Bowman Facility



Major Program: **Maintain Current Assets**
 Project Title: **Galt Museum Preservation**
 Dept - Project #: **299**
 Start Year: **2014**

End Year: **2014**



Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project consists of rehabilitation work required at the Galt Museum & Archives 1910 Hospital Building to preserve the historic structure. The rehabilitation plan proposes the following:</p> <ul style="list-style-type: none"> • Replacement of leaking windows with more energy efficient and weather sealed units • Patch, repair, and repoint the bricks and stone • Reinforce and refurbish the decorative metal cornice • Upgrade the drainage around the building • Repair the foundation • Repair roofing and modify roof drainage <p>The restoration would follow the “Standards and Guidelines for the Preservation of Historic Places in Canada.” Approximately 1 year of construction work is anticipated to complete the rehabilitation.</p>	<p>The City of Lethbridge owns and operates (through a Board of Directors) the Galt Museum & Archives. The civic museum is partly housed in the historic 1910 Galt Hospital. This provincially-designated historic site is in need of restoration to ensure its continuance as an asset to the City and community.</p> <p>RKH Architecture Ltd. was commissioned in 2011 to prepare a rehabilitation study that included the strategy and budget for preservation of this building. The preservation study found the building fabric and envelope to be in fair to poor condition with damage to the brick, sandstone, limestone, and pressed metal cornice. The 28 year old windows offer poor insulation and leak water, which may contribute to further building deterioration. Repair of the foundation is required.</p> <p>According to the study, the preservation of the 1910 building should begin in the near future in order to prevent further deterioration that may cause permanent structural damage.</p> <p>The preservation of the Galt Museum & Archives will extend the life of this historic structure.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		830										830
Consultive Services		96										96
Other		24										24
		950										950
Total Costs		950										950
Funding												
Grant - Municipal Sustainability (MSI)		920										920
PAYG - Community		30										30
		950										950
Total Funding		950										950

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>

Sir Alexander Galt Museum



Major Program: **Maintain Current Assets**

Project Title: **Labor Club Renewal**

Dept - Project #: **302**

Start Year: **2016**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the replacement of the arena ice surface slab and the renewal of the building.</p> <p>In addition to the slab being replaced, the main building areas will be renewed, such as the change rooms, washrooms, concession, and main entrance. Building mechanical systems will also be replaced.</p> <p>The Labor Club Ice Centre, constructed in 1975, is one of 5 community use arenas in Lethbridge. It is used extensively during the winter and summer seasons and is in need of repair and renewal.</p>	<p>The concrete slab on which the ice surface exists is presently cracking in numerous areas and is heaving. Slab movement may result in breaking refrigeration pipes embedded in the slab. Uneven ice surface caused by the slab heaving makes the refrigeration plant work harder, shortening its lifespan. Boards and gates require continued adjustment and ice surface preparation is more difficult, causing higher operational costs. The condition of the slab continues to deteriorate.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				1,676								1,676
Consultive Services				300								300
Other				49								49
				<u>2,025</u>								<u>2,025</u>
Costs - Non-Shareable												
Equip. & Furnishings				175								175
				<u>175</u>								<u>175</u>
Total Costs				<u>2,200</u>								<u>2,200</u>
Funding												
Operating Budget				2,200								2,200
				<u>2,200</u>								<u>2,200</u>
Total Funding				<u>2,200</u>								<u>2,200</u>

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

Labor Club Renewal



Major Program: **Maintain Current Assets**

Project Title: **Nicholas Sheran Picnic Shelter and Washroom Facility**

Dept - Project #: **294**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The current washroom and picnic shelter are located in an obscure area of the park and are not being used because of the vandalism and ongoing damage to the facilities. Relocating the facilities to the west of the current location would provide an opportunity for surveillance from both the street and residents. The picnic shelter would have the distance barrier reduced and use of the facilities would meet the intended level of service. The function of these facilities would be restored to the levels originally anticipated.</p>	<p>The Nicholas Sheran Picnic Shelter and the nearby washroom building are situated inside the park shielded from view by a hill. The obscure nature of these facilities has resulted in constant and severe vandalism. Expenses to repair these facilities are ongoing. The condition of the picnic shelter results in virtually no public booking of the facility and falls short of meeting its intended purpose.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			705									705
Consultive Services		76	41									117
Other		4	30									34
		<u>80</u>	<u>776</u>									<u>856</u>
Costs - Non-Shareable												
Equip. & Furnishings			24									24
			<u>24</u>									<u>24</u>
Total Costs		80	800									880
Funding												
Operating Budget		80	800									880
		<u>80</u>	<u>800</u>									<u>880</u>
Total Funding		80	800									880

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Nicholas Sheran Picnic Shelter & Washroom



Major Program: **Maintain Current Assets**
 Project Title: **Park Lighting Replacement**
 Dept - Project #: **296**
 Start Year: **2014**



Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Our parks and pathway system includes approximately 670 lights to provide longer periods of safe public use into the evening hours. These lights are part of the Community Lighting Program which has recently updated the standards to require installation of all new lighting to an LED fixture to reduce power consumption.</p> <p>There is an increasing number of old light standards that are no longer able to be repaired because of metal fatigue and the supply of replacement parts being discontinued.</p>	<p>The systematic replacement of these lights aligns with the community lighting standards of energy efficiency and addresses urgent lifecycle replacement of failing lights that can no longer be serviced.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		3,240										3,240
Consultive Services		360										360
		3,600										3,600
Total Costs		3,600										3,600
Funding												
Grant - Federal Gas Tax Fund (FGTF)		3,600										3,600
		3,600										3,600
Total Funding		3,600										3,600
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)	(45)

Comments



Lakeview Park Lights



Park Lighting Lifecycle Replacement

Major Program: **Maintain Current Assets**
 Project Title: **Traffic Signal Preemption**
 Dept - Project #: **305**
 Start Year: **2017**



Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the lifecycle replacement of traffic control electronics and emergency vehicle preemption system (EVP).</p> <p>The emergency services vehicle fleet is outfitted with equipment that allows for the changing of traffic lights at intersections. This system allows for emergency vehicles to control the intersection lights and change the signals to a green, which allows for emergency response vehicles to travel safely to emergency incidents in the most rapid time possible.</p>	<p>The system has been operational for over 25 years. The current technology, consisting of circuit boards is experiencing intermittent break down and spare parts are becoming difficult to secure.</p> <p>The replacement technology would include the modernization of all controls by replacing the circuit boards with solid state. All intersection controls would be replaced. Response times would be retained and possibly enhanced.</p> <p>The new technologies have the added benefit for allowing remote monitoring and service capability.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Equip. & Furnishings					2,800							2,800
					2,800							2,800
Total Costs					2,800							2,800
Funding												
Grant - Municipal Sustainability (MSI)					2,300							2,300
PAYG - Community					500							500
					2,800							2,800
Total Funding					2,800							2,800

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>

Traffic Signal Preemption



Major Program: **Maintain Current Assets**

Project Title: **South Side Fire Station Replacement**

Dept - Project #: **301**

Start Year: **2018**

End Year: **2020**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the relocation and construction of a new Fire Station to replace the 16th Avenue South Fire Station.</p> <p>Site selection would occur prior to relocation as identified in the Fire Master Plan (2013).</p>	<p>The Station was built in 1963 to serve the needs of South Lethbridge. In the past ten years the geographic footprint of South Lethbridge has expanded substantially. The steady pace of commercial development has changed the overall risk profile and added substantial traffic throughout. With major new facilities for senior's, a major hospital expansion, additional big-box retail outlets and the increased responses to outlying communities, the number of unit responses to these incidents from No. 3 Station has quadrupled in ten years, escalating from 964 in 2001 to 4244 in 2011.</p> <p>The Station lacks adequate apparatus bay storage, physical space for staff and is in poor condition. The current vehicle bay size restricts the option to add any additional or different types of response equipment. Additional equipment and staffing resources to meet the ever increasing calls for both fire and ambulance service from this station cannot be accommodated in the existing structure. Storage for equipment and response vehicles for special operations like water rescue, hazardous materials and heavy extrication is currently unavailable and needs to be addressed. No space has been allocated for daily competency training and opportunities for any daily fitness initiatives are unavailable.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction							3,649	3,495				7,144
Consultive Services						722	139	138				999
Other						4	132	44				180
Property Acquisition						864						864
						<u>1,590</u>	<u>3,920</u>	<u>3,677</u>				<u>9,187</u>
Costs - Non-Shareable												
Equip. & Furnishings								103				103
								<u>103</u>				<u>103</u>
Total Costs						1,590	3,920	3,780				9,290
Funding												
Grant - Municipal Sustainability (MSI)						1,590	3,780	3,630				9,000
PAYG - Community							140	150				290
						<u>1,590</u>	<u>3,920</u>	<u>3,780</u>				<u>9,290</u>
Total Funding						1,590	3,920	3,780				9,290
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	0	0	81	196	199	

Comments

South Side Fire Hall



Major Program: **Maintain Current Assets**

Project Title: **Arena Replacement**

Dept - Project #: **304**

Start Year: **2019**

End Year: **2021**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the replacement of the Civic Ice Arena and the Adams Ice Centre.</p> <p>It is proposed to demolish both buildings and reconstruct a twin ice centre likely on the Adams site. Twin facilities allow for a shared ice plant, limiting construction cost and operational cost are less as less staff are needed.</p>	<p>The Adams Ice Arena was constructed in 1965. The roof type of the Adams Ice arena has been identified as lacking sufficient structural capacity through an alert by the National Building Code. Work to increase capacity has been done but the effort has provided limited effect. The roof is monitored on a regular basis but replacement of the building must be planned for. The Civic Ice Centre was built in 1949 and is in poor condition. Both facilities need to be replaced.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction								9,690	11,027			20,717
Consultive Services							556	124	109			789
Other							5	276	77			358
Property Acquisition							1,369					1,369
							1,930	10,090	11,213			23,233
Costs - Non-Shareable												
Equip. & Furnishings									1,477			1,477
									1,477			1,477
Total Costs							1,930	10,090	12,690			24,710
Funding												
Grant - Municipal Sustainability (MSI)							1,530	9,790	11,990			23,310
PAYG - Community							400	300	700			1,400
							1,930	10,090	12,690			24,710
Total Funding							1,930	10,090	12,690			24,710

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

Civic Ice Centre



Adams Ice Arena



Major Program: **Maintain Current Assets**

Project Title: **ENMAX Air Conditioning**

Dept - Project #: **300**

Start Year: **2014**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The installation of air conditioning for the ENMAX Centre that would service the public seating area and the suites.</p> <p>The ENMAX Centre has never had an air conditioning system for the public seating area and the suites. Air conditioning does currently exist in the new lounge and administration offices of the ENMAX Centre.</p>	<p>The weather in the summer time period (May-September) can be very hot. During a show, body heat, show lighting heat, operational equipment heat (like concession cooking) and the building can be uncomfortable for patrons, and has at times reached a health and safety risk. Maintaining the temperature at 21-23 degrees Celsius improves our ability to attract events and patrons to these said events. The ENMAX expects to host 10-15 shows per year that require air conditioning.</p> <p>The impact of not having air conditioning is reduced patron attendance, which would result in reduced event bookings, and loss of potential future events that require air conditioning as part of the event requirements. Examples of events that require air conditioning in the building as part of the bid package are the CHL Memorial Cup held in May of each year, Cirque du Soleil event, Aboriginal Achievement Awards, and the Canadian Country Music Awards. In addition, all Broadway shows and some concerts now make air conditioning a mandatory requirement of the contract regardless of time of year. The financial impact and creating a positive customer experience is quite significant on future event bookings if air conditioning is not installed.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		2,215										2,215
Consultive Services		283										283
Other		32										32
		<u>2,530</u>										<u>2,530</u>
Total Costs		2,530										2,530
Funding												
PAYG - Community		2,530										2,530
		<u>2,530</u>										<u>2,530</u>
Total Funding		2,530										2,530
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	94	133	136	140	145	149	154	158	163	

Comments

ENMAX Centre Air Conditioning



Major Program: **Maintain Current Assets**

Project Title: **Pathway Connections**

Dept - Project #: **159**

Start Year: **2011**

End Year: **2020**



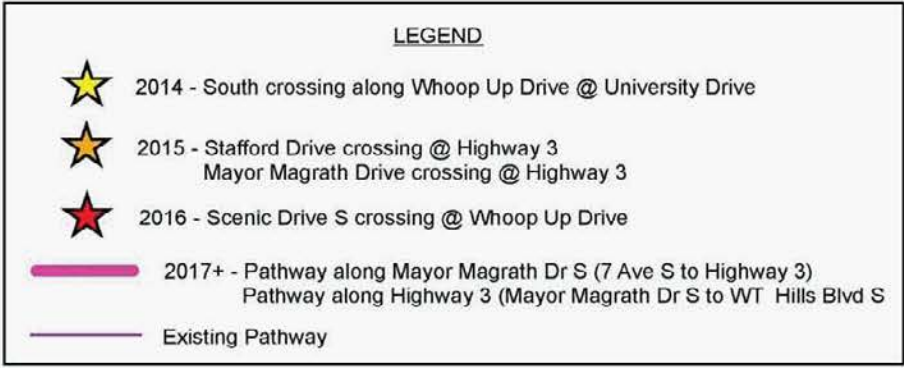
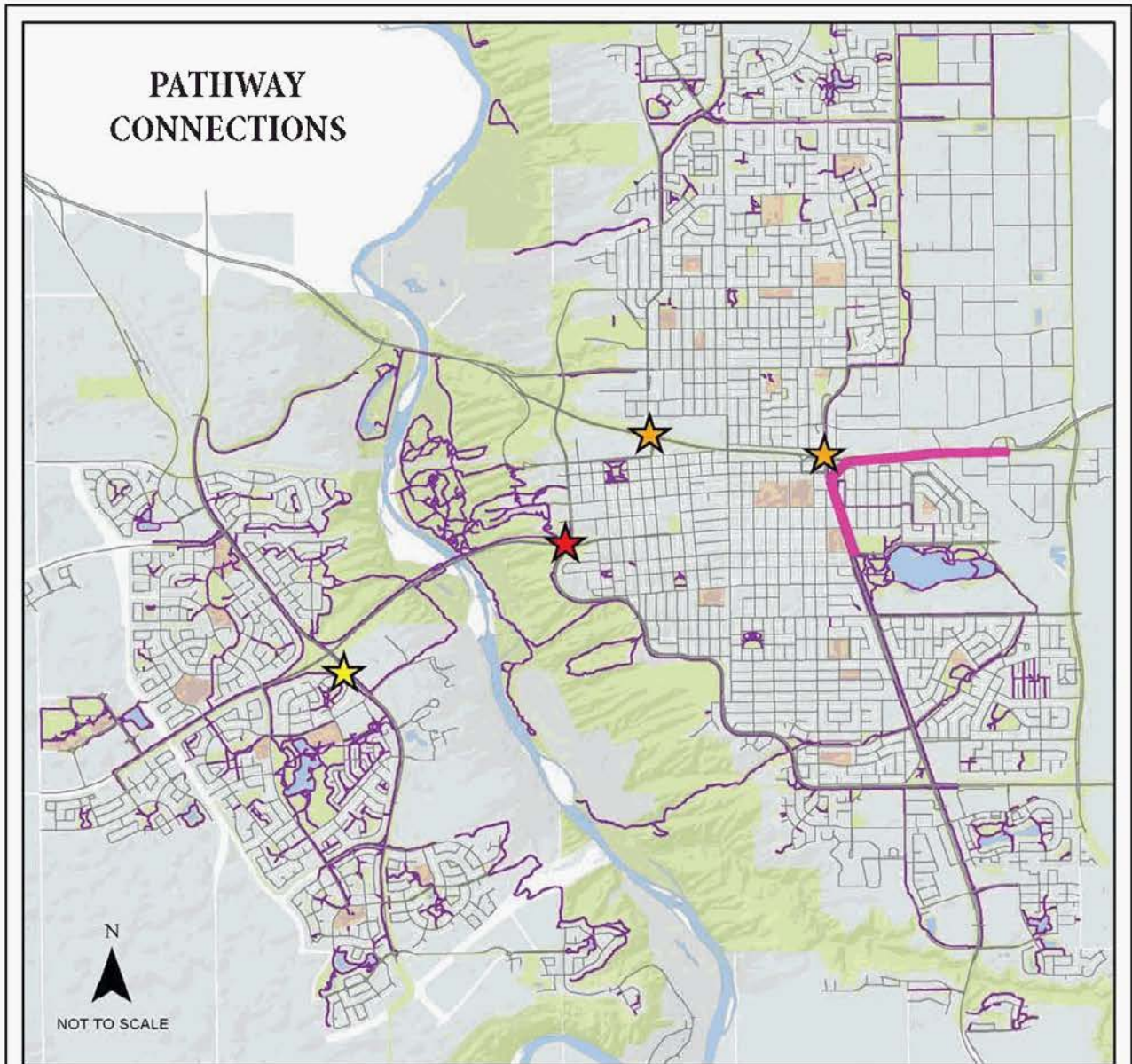
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Bikeways and Pathways Master Plan approved in 2007 recommends the addition of 23.7 km of pathway in the short term and 106.3 km of pathway mid and long term to complete a pathway system capable of meeting the various uses and levels of use. The recommended system connects missing gaps and new pathways capable of meeting the growing demands for alternative transportation and recreation. The proposed pathways represent the highest priorities and are complimentary of the planning underway by the Transportation Department for on-street Bikeways. These projects are to mitigate the major barriers to pathway connectivity.</p>	<p>The Master Plan development engaged not only various stakeholders with a vested interest in pathway expansion but the general public as well. The locations and connections proposed are the result of extensive public participation.</p> <p>Expanding the pathway system meets current community recreational needs and growth towards the anticipated trends in recreation. Recent surveys have identified walking as the number one recreational activity in Alberta. Lethbridge also has a higher than average number of organized marathons and other public events that take place on pathways. Alternative Transportation on the pathways and bikeways is anticipated to increase as opportunity is expanded.</p> <p>Pathway development and expansion aligns with the vision for the future of Lethbridge defined in the Lethbridge Municipal Development Plan. As the City grows in both space and density pathways provide connectivity, multiple leisure opportunities and provision for alternative transportation.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	3,137	600	600	600	600	330	340	350				6,557
Consultive Services		50	50	50	50	30	30	30				290
	3,137	650	650	650	650	360	370	380				6,847
Costs - Non-Shareable												
Consultive Services		63										63
		63										63
Total Costs	3,200	650	650	650	650	360	370	380				6,910
Funding												
PAYG - Community	3,200	650	650	650	650	360	370	380				6,910
	3,200	650	650	650	650	360	370	380				6,910
Total Funding	3,200	650	650	650	650	360	370	380				6,910
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	14	14	29	30	31	32	

Comments



Major Program: **Maintain Current Assets**

Project Title: **Radio Replacement**

Dept - Project #: **298**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the migration of the City's public safety radio users to the Provincial Alberta First Responder Radio Communication (AFRRCS) system. The project will include new mobile and portable radios for the LRPS and Fire and Emergency Services, purchase and installation of required infrastructure, installation of terminal equipment in vehicles, IP radio consoles in the Public Safety Communications Centre (PSCC) and refurbishing of the digital logger recorder.</p> <p>The public safety end user gear (portable and mobiles) were purchased in 2004 and are due for replacement. The radio infrastructure will not be supported beyond 2014.</p> <p>300 Police and Fire/EMS radios would be replaced.</p>	<p>The AFRRCS system will be available in the Lethbridge area in 2014/15. The system is specifically designed for public safety users. Benefits of the system include the ability to use our radios anywhere in the province, communicate with other agencies (Sheriffs, RCMP, Alberta Health, rural fire departments) and increased system capacity (talk channels).</p> <p>All infrastructure required for this system is owned and maintained by the Province. The City of Lethbridge would only be responsible for the end user gear.</p> <p>The existing system will remain in operation for the Public Operations, Infrastructure, Transit and other City radio users. The public safety radios will be programmed with capability to communicate on the existing system should they need to.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Equip. & Furnishings		2,000	1,000									3,000
		2,000	1,000									3,000
Total Costs		2,000	1,000									3,000
Funding												
Operating Budget		2,000	1,000									3,000
		2,000	1,000									3,000
Total Funding		2,000	1,000									3,000

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

Radio Replacement



Major Program: **Maintain Current Assets**

Project Title: **Fritz Sick Parking Lot**

Dept - Project #: **316**

Start Year: **2015**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the redesign and reconstruction of the parking lot between Fritz Sick Centre and the Yates. The reconstruction would include:</p> <ul style="list-style-type: none"> • Removal of asphalt and subgrade • Installation of underground storm water infrastructure • Re-grade the subgrade for improved storm management • Replacement of subgrade and asphalt • Replacement of light fixtures with more efficient lighting technology 	<p>The parking lot requires investment in order to be viable in the long term.</p> <p>The parking lot between the Fritz Sick Centre and the Yates does not drain storm water properly and the asphalt surface and subgrade have deteriorated creating pot holes in some areas. Excessive deterioration and poor drainage can create problems, such as slippery surfaces in winter, trip hazards due to uneven surfaces, and building flooding. In order to improve storm water drainage, a substantial amount of work will be required to regrade the parking lot.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			702									702
Consultive Services			78									78
			780									780
Total Costs			780									780
Funding												
Operating Budget			340									340
PAYG - Community			440									440
			780									780
Total Funding			780									780

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

Fritz Sick Parking Lot



Major Program: **Maintain Current Assets**
 Project Title: **Parking Meter Replacement**
 Dept - Project #: **288**
 Start Year: **2014**

End Year: **2016**



Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is intended for lifecycle replacement of the aging parking meter infrastructure as well as to expand the pay-parking zones in the remaining areas of the downtown and commercial streets in other areas such as 12 Street North, 13 Street North, and 3 Avenue North etc.</p>	<p>The primary objective of paid and time zoned parking in downtown Lethbridge is to achieve parking turnover which results in equitable availability of parking to shoppers and visitors to downtown. This also helps foster a vibrant downtown with increased business activity and revenue opportunities for the downtown businesses.</p> <p>There are currently a little over 1,600 parking meters in the Downtown. Approximately 95% of the parking meter infrastructure, parking meter housings and support poles are greater than 25 years old. These housings and poles are starting to show signs of wear and look unkept. Many of the meters cannot be reprogrammed to accept new coins or other payment methods. The outdated meter housings are susceptible to vandalism. Maintenance of our current parking meters continues to be a challenge and we expect this challenge to increase exponentially.</p> <p>There are a number of pay-parking systems available both for the short and long term on-street parking operations. The common ones found in other cities in Canada are:</p> <ul style="list-style-type: none"> • parking meters • pay and display stations • telephone pay system • prepaid permit parking <p>These methods will be investigated and a variety of options provided to allow customers easy and convenient access to parking as well as its efficient management and operations.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		625	650	650								1,925
Consultive Services		75										75
		700	650	650								2,000
Total Costs		700	650	650								2,000
Funding												
Reserve - Offstreet Parking		700	650	650								2,000
		700	650	650								2,000
Total Funding		700	650	650								2,000

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Parking Meter Replacement

Major Program: **Maintain Current Assets**

Project Title: **Lakeview Washrooms & Concession**

Dept - Project #: **313**

Start Year: **2014**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The project has been identified by Facility Services Assessment Reports with the design concept provided by Facility Services. It is the renovation and expansion of the existing building containing the concession, washrooms and storage space at Lakeview Park.</p> <p>The existing concession and storage space is congested and outdated. The washrooms are non-code compliant and also outdated.</p>	<p>This facility is currently used by the Southwest Little League Baseball Association to provide a food and beverage service during baseball events and also for storage of maintenance equipment.</p> <p>The washrooms will be renovated to meet code and functional requirements. The existing concession will be renovated and expanded to meet functional requirements (expansion and upgrade). Additional space will be added to the building to increase the storage space for equipment.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		265										265
Consultive Services		59										59
Other		22										22
		<u>346</u>										<u>346</u>
Costs - Non-Shareable												
Equip. & Furnishings		14										14
		<u>14</u>										<u>14</u>
Total Costs		<u>360</u>										<u>360</u>
Funding												
Operating Budget		360										360
		<u>360</u>										<u>360</u>
Total Funding		<u>360</u>										<u>360</u>
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	6	9	9	9	9	10	10	10	10	

Comments

Lakeview Washrooms & Concession



Major Program: **Maintain Current Assets**

Project Title: **West Lethbridge Operations Depot (Phase 2)**

Dept - Project #: **332**

Start Year: **2017**

End Year: **2018**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project addresses future Public Operations and Corporate needs in West Lethbridge. This three phase project involves the construction of a West Lethbridge Public Operations facility. The ultimate site will require approximately 13 hectares of land.</p> <p>Phase 1 - The first phase of the west side depot was approved for construction in 2011 and included the construction of the snow dump site, snow dump settling pond, fuel depot and site access intersection improvements from University Drive. The area of development for this first phase required the acquisition and site grading of approximately 7.43 hectares of land.</p> <p>Phase 2 - 2017 & 2018 This phase will include the construction of a sand/salt storage facility as well as the construction of an onsite stormwater management facility and related infrastructure. The sand/salt building will be sized at approximately 25m x 50m (82' x 164'). The total site area required for phase 2 will be approximately 3.37 hectares of land.</p> <p>Phase 3 - 2024 Phase 3 would involve the relocation of temporary offices and locker trailers and the construction of indoor and outdoor vehicle, equipment, and material storage for Public Operations. It is anticipated that this phase of development will require 2.95 hectares of land.</p>	<p>An operation base in west Lethbridge is required to provide efficient services in the future. These services have been supported from the facilities in east Lethbridge. West Lethbridge is now the largest population area in the City with a five year average growth rate of 6.48% which is three times the rate of the north side, and four times the rate of the south side.</p> <p>Phase 1 - The existing Alberta Environment approved snow dump is located at 7th Avenue & 43 Street South. Recent winters have shown that this site does not have the capacity to handle the snow from west Lethbridge. A west side snow dump will decrease snow removal operating costs by reducing haul distances; improving snow removal efficiency and increasing public safety. The west snow dump size will have to be doubled when the current area of west Lethbridge is built out. Diesel fuel is no longer commercially available in west Lethbridge. A fleet fuelling depot is needed in west Lethbridge and is a high priority for the Fire department.</p> <p>Phase 2 - The new sand/salt storage facility at Public Operations was down sized by 30% to optimise space at Public Operations. A sand/salt storage facility is needed to serve the west side.</p> <p>Phase 3 - Public Operations requires additional depot space including office, lunch, washroom, vehicle and equipment parking and material storage in west Lethbridge to accommodate growth.</p>

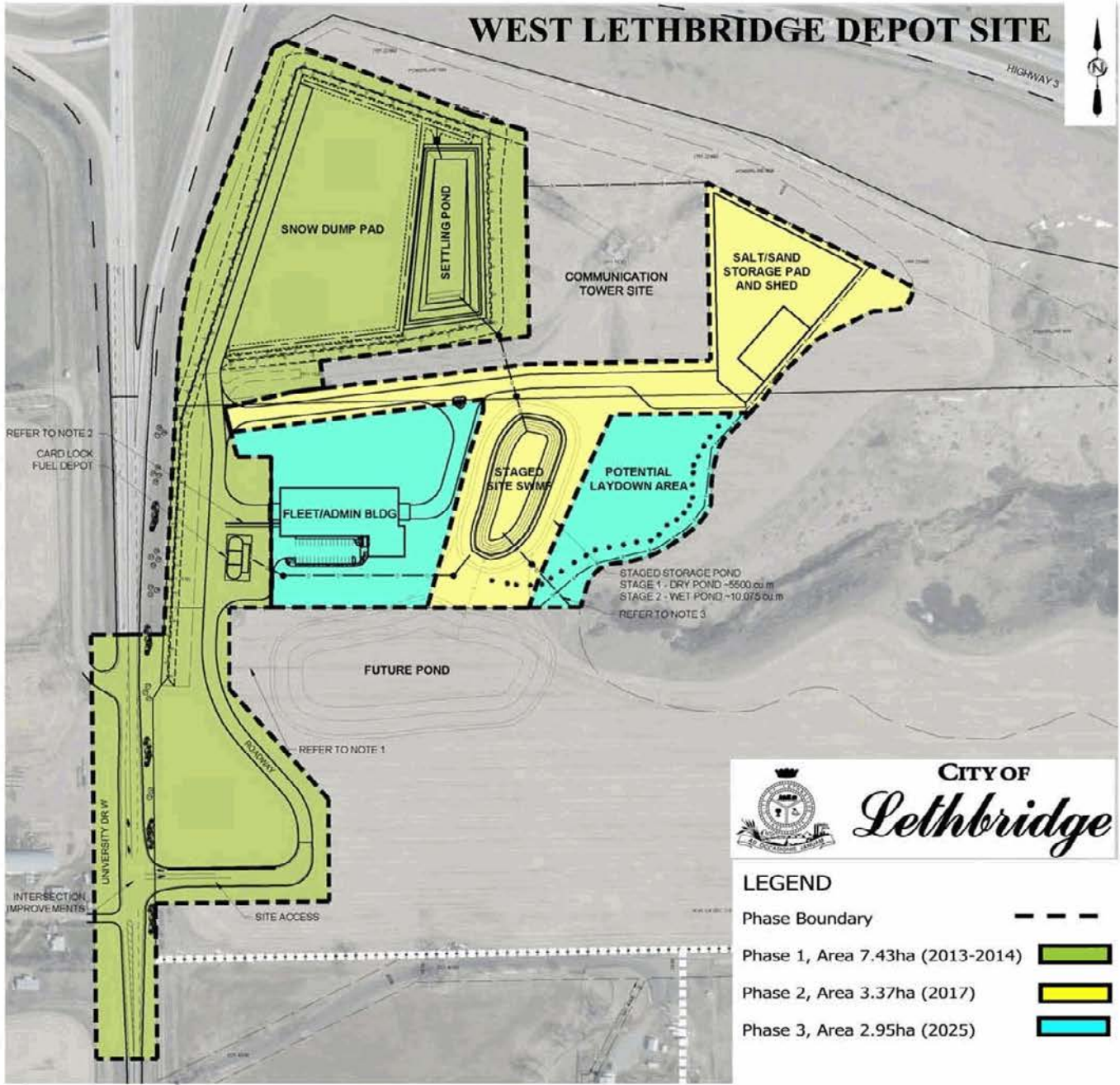
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					1,348	3,400						4,748
Consultive Services					382							382
					1,730	3,400						5,130
Total Costs					1,730	3,400						5,130
Funding												
Grant - Municipal Sustainability (MSI)					1,330	3,400						4,730
PAYG - Community					400							400
					1,730	3,400						5,130
Total Funding					1,730	3,400						5,130

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **New Facilities**

Project Title: **3rd Avenue Reconstruction and Streetscaping**

Dept - Project #: **312**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the redesign and redevelopment of 3rd Avenue South between 4th Street and 8th Street South. The proposed changes are intended to improve the pedestrian environment with wider sidewalks, tree plantings and street furniture. It will also add additional parking spaces, promote different modes of transportation and upgrade the existing underground utilities which are some of the oldest in the City.</p>	<p>The Municipal Development Plan/Integrated Community Sustainability Plan (MDP/ICSP) establishes a policy focus on Efficient and Effective Integrated Transportation Networks (Policy 6.4.2), a Walkable and Bicycle Friendly Environment (Policy 6.4.3) and a Planned City that Exhibits Quality Urban Design (Policy 6.4.5). Specific policies include a focus on “integrating” citywide pedestrian, cycling, transit and vehicle modes of transportation along with the creation of public spaces that support and promote business and community needs.</p> <p>Support in transforming and revitalizing the downtown core is reflected in the adoption of the Heart of Our City Master Plan and the Public Realm and Transportation Study. Success can be measured by the fact that the downtown area is the primary location for office and community focused activities in the city, low vacancy rates, growth in employment, and the downtown focus on public events. The Public Realm and Transportation Study has further articulated ways that the policies of the MDP/ICSP can be achieved in a responsible fashion, taking into account and balancing the needs of various users. The resultant public streetscape recommendations include measures that allow for the continued movement of traffic and parking while enhancing public areas to promote enhanced pedestrian, cycling and transit options. This project will implement some of the key recommendations in both documents and contribute to creating a downtown that is vibrant, exciting, livable, beautiful, accessible and sustainable.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			7,340									7,340
Consultive Services		540										540
		<u>540</u>	<u>7,340</u>									<u>7,880</u>
Total Costs		540	7,340									7,880
Funding												
Capital Consolidation		540	130									670
Grant - Building Canada Fund			5,250									5,250
Wastewater Capital			980									980
Water Capital			980									980
		<u>540</u>	<u>7,340</u>									<u>7,880</u>
Total Funding		540	7,340									7,880
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	28	29	30	32	33	34	35	37	

Comments

3rd Avenue Reconstruction & Streetscaping



Major Program: **New Facilities**

Project Title: **School Gymnasium Upsize**

Dept - Project #: **319**

Start Year: **2015**

End Year: **2017**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Province is expected to announce the construction of two new elementary schools for Lethbridge; one for each school district. This project would provide funds to increase the size of the gymnasiums at each of the two new schools. The school in School District No. 51 is expected to be located in the Copperwood subdivision and the school in the Holy Spirit Separate School Division No. 9 is expected to be located in the Legacy Ridge subdivision.</p>	<p>In the past the City of Lethbridge has contributed funds to increase the size of the gymnasiums in a number of schools, in accordance with our joint use agreement between the two school districts and the City. Community organizations use school gymnasiums during the evening hours.</p> <p>Elementary sized gymnasiums have limited alternate use. Larger gymnasiums provide more benefit to the community. The gymnasiums will be increased from an elementary school size (approximately 430 m2) to a middle school size approximately (630 m2), where more uses can be simultaneously realized.</p> <p>As identified in the 2013 Recreation and Culture Master Plan, there is a lack of gymnasium space in the community. Funding these two gymnasiums provides a cost effective way of obtaining needed space to meet the needs of the Community.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			754		816							1,570
			754		816							1,570
Total Costs			754		816							1,570
Funding												
Reserve - MRSR			754		816							1,570
			754		816							1,570
Total Funding			754		816							1,570

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

School Gymnasium Upsize





Capital Improvement Program
2014 to 2023

Major Program: **New Facilities**

Project Title: **ATB Centre - Phase 2 (Leisure Complex)**

Dept - Project #: **303**

Start Year: **2014**

End Year: **2019**

Description & Location	Purpose & Justification
<p>This project is the design and construction of a new leisure centre. The leisure centre includes an aquatic centre with water slides, lazy river and whirlpools, multi-purpose rooms, fitness centre, field house and track/gymnasium, child minding area, indoor playground, locker rooms, commercial lease spaces, facility support and amenities. These components are designed to work together to provide significant community access and opportunities to a number of amenities located in one area complex. With all of the program components being co-located additional amenities such as food services and retail space are viable and would be part of the design.</p> <p>The proposed facility would be comprised of key program components which were identified through a "needs assessment" process by engaging applicable stakeholder groups and the general public.</p>	<p>The 2013 Recreation and Culture Master Plan identifies the Leisure Centre components as the number one ranked priority of the community. To understand community needs and gaps in level of service, a significant amount of stakeholder and public input was gathered. Community consultation was used to gauge the level of support for the proposed Leisure Centre and identify the components required by the community. Stakeholder groups were very supportive of the concept of a Leisure Centre while the level of public interest and support was also very high. Feedback from the public engagement process confirmed that existing facilities were not meeting current demand in the community due to lack of facilities and/or functionality of current facilities.</p> <p>In addition, community consultation included meetings with organizations currently operating public recreation facilities in the community. These organizations indicated that their facilities are near maximum capacity and that their ability to offer expanded opportunities for the community is limited.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			6,000	26,500	28,500	29,720	2,000					92,720
Consultive Services			6,960	750	750	750	70					9,280
Property Acquisition		4,550										4,550
		4,550	12,960	27,250	29,250	30,470	2,070					106,550
Costs - Non-Shareable												
Equip. & Furnishings						1,500	1,500					3,000
						1,500	1,500					3,000
Total Costs		4,550	12,960	27,250	29,250	31,970	3,570					109,550
Funding												
Borrowing				9,050	25,090	27,810	3,570					65,520
Grant - AB Comm Partnership				1,160	1,160	1,160						3,480
Grant - Municipal Sustainability (MSI)			5,810	12,990								18,800
Operating Budget		270	1,130									1,400
PAYG - Community			700	1,050								1,750
Reserve - MCPR		4,280	5,320	3,000	3,000	3,000						18,600
		4,550	12,960	27,250	29,250	31,970	3,570					109,550
Total Funding		4,550	12,960	27,250	29,250	31,970	3,570					109,550
Estimated Debt Charges		0	0	0	814	3,067	5,551	5,870	5,870	5,870	5,870	
Projected Net Operating Costs		0	100	100	350	650	3,330	3,450	3,550	3,650	3,800	

Comments

Projected net operating costs are based on recovery rates through user fees, sponsorships and sale of goods of 70% in 2019 increasing to 85% by 2022. Recovery rates for similar facilities in other communities range from 70% to 90%.

Leisure Centre (Full Build Out)



Major Program: **New Facilities**

Project Title: **New School Site Development**

Dept - Project #: **308**

Start Year: **2015**

End Year: **2015**



CITY OF
Lethbridge

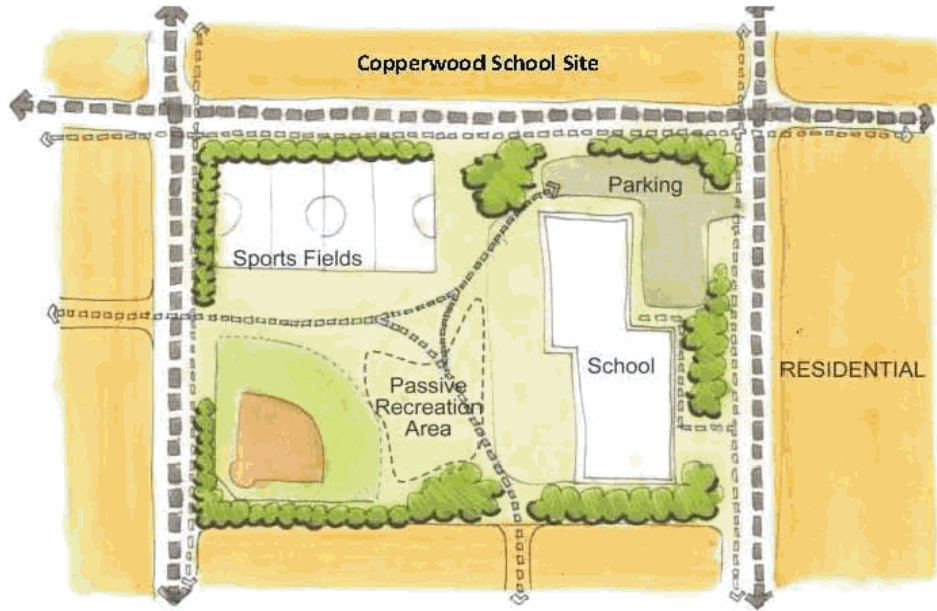
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Two new elementary schools are expected to be constructed in the next four years in both the Copperwood (4.34 Ha) and Legacy Ridge (5.67 Ha) neighbourhoods.</p> <p>The proposed project consists of the landscaping and sports field development at these two locations. The development of these areas are in accordance with the City's joint use agreement with the two local School Districts. The development of the land excludes the areas where the school building and parking lots will be constructed.</p>	<p>New schools are planned for and located in areas of growth. Through the joint use agreement the required design and construction of the landscaping and sports fields will be funded by taxation, the City, and the School Districts.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			3,175									3,175
Consultive Services			355									355
			3,530									3,530
Total Costs			3,530									3,530
Funding												
Subdivision Surplus			3,530									3,530
			3,530									3,530
Total Funding			3,530									3,530
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	63	152	158	165	171	178	185	193	200	

Comments



New School Site Development

Major Program: **New Facilities**

Project Title: **North Regional Park (New Amenities)**

Dept - Project #: **292**

Start Year: **2017**

End Year: **2018**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Detailed planning for the North Regional Park will follow the Community planning process that is anticipated to be completed in 2013.</p> <p>In 2009 and 2010 Parks began identifying the desired amenities and features that will be included within the new park. An extensive public process involved residents across the City guided by a Public Advisory Committee to first identify all of the desired elements that could be included in the park. A second process was used to rank the identified components or features in order of importance or priority.</p> <p>Planning to date has identified the following amenities:</p> <ul style="list-style-type: none"> • Phase two of the roadways, parking lots, pathways, furnishings and signage • Entrance feature • Amphitheatre parking lot • Pavilion multipurpose building • Phase two children's discovery park • Phase two skate park (younger kids) • Lighting installation for roads, parking and plaza • Major group picnic shelter and furnishings • Additional trees and shrubs • Arboretum and ornamental garden • Greenhouse building and café <p>Complete construction of the park including all the features and elements identified by the public will be addressed in a phased construction plan.</p>	<p>A successful Regional Park, with City wide use needs to have a variety of features and attractions to meet expectations of a wide variety of use and function for all seasons. The possibilities for the park are exhaustive but a good design is limited by resources, size, proximity to other elements and compatibility with adjacent features and functions. A regional park differs from other parks by more than just size. The regional park includes many varied activities needed for it to accommodate high and regular use year around. The regional park needs to provide alternatives and variety of activities in one location for large volumes of use.</p> <p>After basic park development, the phased construction will complete the park to function as intended to meet the expectations of the community involved in the design. The detail of the phasing plan will be included in the design concept presented to Council for approval in the summer of 2013. The budget request is based upon initial projections for park completion.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					2,250	2,250						4,500
					2,250	2,250						4,500
Total Costs					2,250	2,250						4,500
Funding												
PAYG - Community					2,250	2,250						4,500
					2,250	2,250						4,500
Total Funding					2,250	2,250						4,500
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	57	59	62	64	67	69	

Comments



Preferred Recreational Possibilities

- Natural Stream
- Reflecting Pool Plaza
- Outdoor Fitness
- Cafe/Concession
- Skate Park
- Public Art
- Arboretum/Greenhouse
- Outdoor Display
- Market Area
- Sports Courts
- Picnic Areas
- Dog Park
- Wading Pool/Spray Park
- Multi Use Facility
- Childrens Discovery Park
- Pathways
- Sledding hill



NORTH LETHBRIDGE REGIONAL PARK

Major Program: **New Facilities**

Project Title: **Yates Enhancement**

Dept - Project #: **306**

Start Year: **2020**

End Year: **2021**



CITY OF
Lethbridge

Capital Improvement Program
2014 to 2023

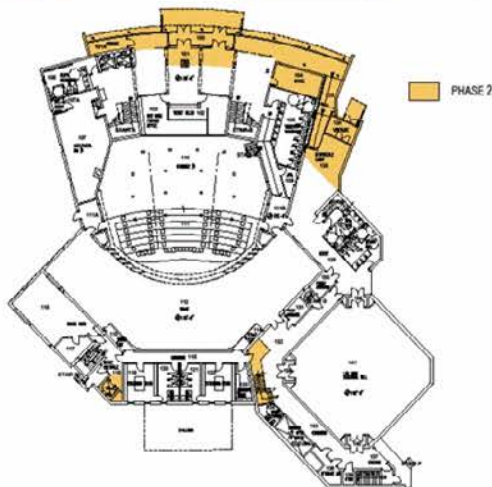
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the renovation and expansion of the Yates & Sterndale Bennett Theatres.</p> <p>This project includes:</p> <ul style="list-style-type: none"> • Construction of Yates lobby expansion and second floor • Construction of Sterndale Bennett lobby and second floor • Dressing room and second floor addition at the back 	<p>The Genevieve Yates Memorial Centre was constructed in 1966 and has served as the home of the Lethbridge Musical Theatre, New West Theatre, school performances and dance festivals for many years. The functional layout of the building is very challenging as some of the spaces do not meet functional requirements.</p> <p>In 1990, the 180 seat Sterndale Bennett Theatre was added to the facility as a rehearsal space; however this area is also used for bookings.</p> <p>Functional upgrades are required to enhance the amenities provided to the spectators and user groups and to improve the overall quality of the musical and theatrical performances. Diamond Schmitt Architects were contracted to provide a functional assessment and recommendations from their final report will form the basis for the upgrade plan.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction									8,732			8,732
Consultive Services								1,155	485			1,640
Other								5	194			199
								1,160	9,411			10,571
Costs - Non-Shareable												
Equip. & Furnishings									99			99
									99			99
Total Costs								1,160	9,510			10,670
Funding												
Grant - Building Canada Fund									2,500			2,500
PAYG - Community								1,160	7,010			8,170
								1,160	9,510			10,670
Total Funding								1,160	9,510			10,670
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	0	0	0	46	129	

<u>Comments</u>

Yates Enhancement



Phase 2
GROUND FLOOR PLAN
DECEMBER 4, 2012



Capital Improvement Program
2014 to 2023

Major Program: **New Facilities**

Project Title: **Vacant School Site Development**

Dept - Project #: **295**

Start Year: **2017**

End Year: **2017**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>An undeveloped school site situated in the Uplands and Blackwolf (4.33 Ha) has been vacant for several years. It is located in residential areas that are almost at building completion. Many residents in this area have expressed frustration with the vacant land adjacent to their homes which is largely unusable and unattractive.</p>	<p>This construction will not only benefit the adjacent residents but will benefit the future schools as the grounds will be ready and mature enough for use on opening day. This project will make the affected areas more livable. Advancing the school yard construction excluding the building construction footprint does not incur additional costs for the City but it does advance it so the affected communities are more livable sooner. The development on the Uplands school site can be done in conjunction with the landscaping of the adjacent new water reservoir in Uplands.</p>
<p>Future plans for this site includes the construction of a school and the required school yard. Construction of the school is pending funding not yet announced. Development of the site will exclude the area of the site where building and a parking lot will be constructed. If the school yard was constructed, it would complete the community development in the area and the space would be available to residents to use the sports fields and for other park activities until the school is built.</p>	

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					1,440							1,440
Consultive Services					160							160
					1,600							1,600
Total Costs					1,600							1,600
Funding												
Subdivision Surplus					1,600							1,600
					1,600							1,600
Total Funding					1,600							1,600
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	71	74	77	80	83	87	

Comments



Major Program: **New Facilities**

Project Title: **Lethbridge Sports Park Change Rooms**

Dept - Project #: **314**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the construction of four change rooms to be located at the North Lethbridge Sports Fields.</p> <p>The construction includes four heated change room spaces with secure storage compartments for wallets or other small items, single washroom stall per change room, one secure outside entrance to the facility controlled by card access and a small exterior storage area for groups to put additional equipment. This facility will be used by all user groups of the North Sport Park as currently no change room facilities exist. The public will not have access to the building for washroom use as card access will be granted to the teams using the fields only. Public washrooms are available on site.</p>	<p>The construction of a four change room facility is required to meet the needs of user groups to change into or from sport gear, store valuables, gather in a dry environment before or after matches and to meet the requirements of Provincial and National tournament standards.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			612									612
Consultive Services		67	33									100
Other		3	41									44
		<u>70</u>	<u>686</u>									<u>756</u>
Costs - Non-Shareable												
Equip. & Furnishings			14									14
			<u>14</u>									<u>14</u>
Total Costs		<u>70</u>	<u>700</u>									<u>770</u>
Funding												
Reserve - Urban Parks		70	700									770
		<u>70</u>	<u>700</u>									<u>770</u>
Total Funding		<u>70</u>	<u>700</u>									<u>770</u>
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	36	48	50	51	53	55	56	58	

<u>Comments</u>

Lethbridge Sports Park Change Rooms



Major Program: **New Facilities**

Project Title: **West Lethbridge Centre Washrooms (Sports Fields)**

Dept - Project #: **315**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the construction of a new public washroom facility located next to the sports fields at the West Lethbridge Centre.</p> <p>The facility would incorporate sustainable building features, such as durable materials of construction, well insulated building envelope, and energy efficient mechanical and electrical systems. The new facility will include barrier free design features to facilitate access.</p> <p>The washroom facility will be approximately 50m² and consist of the following:</p> <ul style="list-style-type: none"> • Male and female washrooms • Storage space • Utility room 	<p>The West Lethbridge Centre, consisting of the new Chinook Library and two high schools, is the first major building in the Crossings development area. The site includes several sports fields.</p> <p>There are currently no public washroom facilities available for users of the sports fields. The washroom facilities in the library only have the capacity required for library patrons, and they are not always accessible to users of the sports fields. A dedicated stand-alone washroom facility is needed to serve the significant number of people that could be present at the site.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			381									381
Consultive Services		44	21									65
Other		26	14									40
		<u>70</u>	<u>416</u>									<u>486</u>
Costs - Non-Shareable												
Equip. & Furnishings			4									4
			<u>4</u>									<u>4</u>
Total Costs		<u>70</u>	<u>420</u>									<u>490</u>
Funding												
Reserve - Urban Parks		70	420									490
		<u>70</u>	<u>420</u>									<u>490</u>
Total Funding		<u>70</u>	<u>420</u>									<u>490</u>
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	26	33	34	35	36	38	39	40	

Comments

West Lethbridge Centre Washrooms (Sports Fields)



Major Program: **New Facilities**

Project Title: **Integrated Customer Service Strategy (Phase 1 & 2)**

Dept - Project #: **320**

Start Year: **2014**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Phase I - Master Plan This project would develop a master plan for an Integrated Customer Service Strategy. The plan would:</p> <ul style="list-style-type: none"> • review our current practices with respect to people, processes, and technology that support our customer service • describe our preferred future state including an evaluation of a centralized call centre • describe an implementation strategy, including recommended phasing and the capital and operating costs (including acquiring new software and repurposing existing office and front counter space). <p>Phase II – Customer Care Centre Implementation would be determined by the master plan (Phase I) and may include:</p> <ul style="list-style-type: none"> • the development of a central call centre including telephone requirements • an enterprise customer response management system and technology interfaces to existing work order systems • potential renovations to existing office and front counter spaces 	<p>The City of Lethbridge receives over 200,000 phone calls per year to published phone numbers. These calls are received by over 30 staff. In some instances, this is the prime role of the employee; in many instances it is secondary.</p> <p>Citizens often do not know the right number to call. They are often transferred between departments which can be frustrating to the caller.</p> <p>In the 2011 Community Satisfaction Survey, 62% of citizens report having contact with city employees in the past year. Of these, 89% report courteous service, but only 79% report city staff are easy to get a hold of. Further, only 73% believe that the City responds quickly to requests and concerns. The objective of this project is to improve performance in this area.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Consultive Services		250										250
Other		500	500									1,000
		750	500									1,250
Total Costs		750	500									1,250
Funding												
PAYG - Community		750	500									1,250
		750	500									1,250
Total Funding		750	500									1,250
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	200	208	216	225	234	243	253	263	274	

Comments

Integrated Customer Service
Phase 1 & 2



Major Program: **Community Groups**

Project Title: **Spitz Stadium**

Dept - Project #: **326**

Start Year: **2015**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>As presented to Finance Committee on March 25, 2013, the Lethbridge Baseball Collaboration Initiative is requesting funding to renovate the Spitz Stadium. Spitz Stadium is Lethbridge's premiere baseball facility attracting a multitude of games, tournaments, and other events. The facility is a key factor in continuing to bring Sport Tourism to the City. A renovation of the stadium is recommended to address current deficiencies.</p> <p>Stadium enhancement components would include: upgrades to the stadium exterior and walking areas, public washrooms renovations, dugout upgrades, press/media/VIP boxes, umpire change rooms/first aid room/tunnel installation, and barrier free elevator/seating.</p>	<p>The Henderson Stadium (now known as Spitz Stadium) was constructed in 1975 and has been the premiere baseball facility in Lethbridge ever since. The lighted baseball stadium can accommodate over 2000 people and is home to over 250 games per year with an estimated annual attendance of approximately 55,000. Between May 15 and August 1, field bookings are at maximum capacity, a situation that is often repeated throughout the spring and the fall. Recent upgrades to the facility have allowed the stadium to meet most of the requirements necessary to accommodate Rookie Level Minor League Baseball standards, as set out by Major League Baseball.</p> <p>Planned enhancements to the stadium, playing fields and grounds are expected to result in many community benefits, such as further development/expansion of amateur baseball and improved opportunities for athletic training within our community (as well as throughout the province and across the country). Because of an improved capacity to host high profile events, the enhancements are expected to give rise to increased sport tourism and its associated economic spinoff benefits. Last, but not least, planned upgrades will provide a much enhanced leisure experience for Spitz Stadium spectators.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			2,912									2,912
			2,912									2,912
Total Costs			2,912									2,912
Funding												
PAYG - Community			1,512									1,512
Reserve - MCPR			1,400									1,400
			2,912									2,912
Total Funding			2,912									2,912
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	40	40	40	40	40	40	40	40	40	40

Comments

Spitz Stadium



Major Program: **Community Groups**

Project Title: **Neighborhood Skate Park (SLP Skate Park)**

Dept - Project #: **333**

Start Year: **2013**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project would include the design and construction of a neighborhood size skate park (9,500 sq ft.) to be located on the north east corner of Mayor Magrath Dr. South and Parkside Dr. on the south side of Henderson arena. This skate park will replace the existing skate park which is deemed outdated, unsafe and difficult to access. The detailed design drawings of the skate park are at about the 75% completion stage and are expected to be completed by April 2013. Once all the funding is secured the construction of the skate park would commence and would be completed in approximately a four month time period.</p>	<p>The existing skate park at 720 – 7 St. N. was built in 2000. The 2007 Recreation and Cultural Facilities Master Plan identified that the skate park is well used but inadequate.</p> <p>In November 2010, the City contracted a consulting team to review the existing skate park infrastructure, examine the user group and form an opinion on the current need for skateboarding facilities. The resulting Lethbridge Skate Park Master Plan identified that approximately 1,100 skateboarders (between the ages of 5-19 years of age) existed in the City of Lethbridge. Deducting that at any time, close to 400 of those are active, the consultants recommended that to safely meet the needs of the community, the City would need to build three skate parks of varying proportions or approximately 39,000 square feet of skateable terrain. This footage would be divided into a large (20,000 sq.ft.) community skate park and two smaller (9,500 sq. ft.) neighborhood skate parks.</p> <p>A subsequent report by the consultants, commissioned by the City to begin planning for one neighborhood park, resulted in site evaluation, and ultimately site selection, a development permit and design of a neighborhood skate park. The preferred site was the Henderson arena location and design of this park is for this site.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		587										587
Consultive Services		62										62
Equip. & Furnishings		50										50
Other		3										3
		<u>702</u>										<u>702</u>
Total Costs		702										702
Funding												
Community Groups		77										77
Grant - CFEP		125										125
GST Rebate		400										400
Naming Sponsorship		100										100
		<u>702</u>										<u>702</u>
Total Funding		702										702
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	15	16	16	17	18	18	19	20	21	

Comments

The construction is scheduled to commence in 2013. The above dollars are shown in 2014 is for funding purposes only.



Major Program: **New Facilities**

Project Title: **Performing Arts Centre**

Dept - Project #: **307**

Start Year:

End Year:



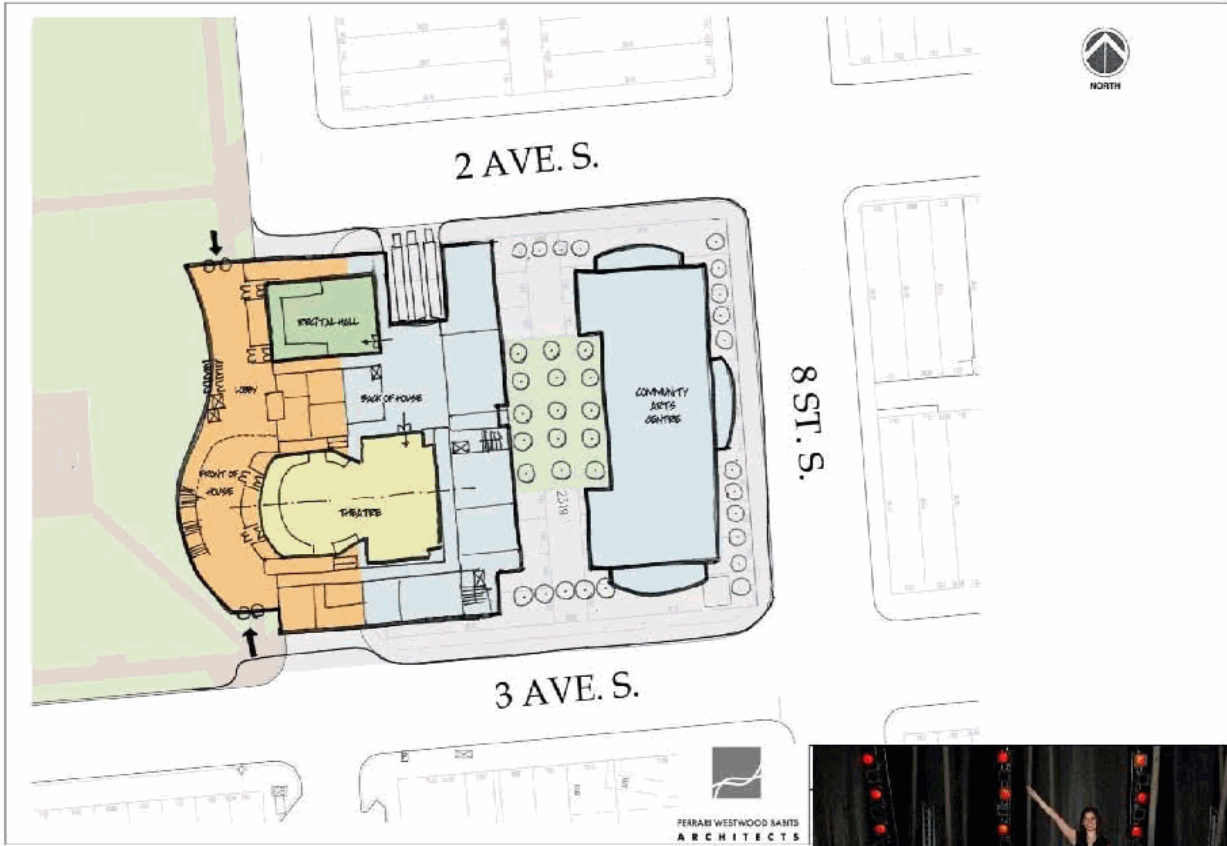
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the design and construction of a new 950 seat performing arts theatre (multi-use auditorium) and a 240 seat multi-purpose room that has music capability. The building will include approximately 15,000 square feet of common areas including reception space, washrooms, office space, and performer support space. The recommendation is that the theatre would be located on the edge of Galt Gardens immediately west of the new Community Arts Centre.</p> <p>The project is supported by two studies commissioned by the City of Lethbridge. The first study, the Lethbridge Performing Arts Centre (LPAC) Study in 2010 by Ferrari Westwood Babits Architects; the second study, an assessment of the LPAC Study by Schick Shiner and Associates.</p> <p>Total cost is estimated to be approximately \$60 million depending on the timing of construction.</p> <p>City Council has contingently committed \$10 million towards the total cost of this project as described in the resolution below:</p>	<p>In May 2010, the Lethbridge Performing Arts Centre Study identified a need in Lethbridge's performing arts community. It was determined that existing facilities were inadequate for current day performances both in venue design and availability. The study contained a needs assessment and recommendations, a business plan, a building program and a schematic design.</p> <p>A second study was commissioned to assess the LPAC study resulting in a considerable reduction in the size from 1250 to 950 seats.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Other						10,000						10,000
						10,000						10,000
Total Costs						10,000						10,000
Funding												
Undetermined Funding						10,000						10,000
						10,000						10,000
Total Funding						10,000						10,000
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	896	932	969	1,008	1,048	1,090	

<u>Comments</u>
<p>The following resolution was passed by Finance Committee on May 8, 2013: BE IT RESOLVED THAT the City of Lethbridge commit \$10 million towards the Performing Arts Centre Project on the following conditions:</p> <p>a) The balance of the costs of approximately \$50 million come from other sources, whether it be, provincial government, federal government, or any other source not identified;</p> <p>b) The provincial component, if any, will not come from the present Municipal Sustainability Initiative Grant (MSI), for clarity, the provincial contribution, if any, is required to be "new" money;</p> <p>c) The City of Lethbridge's conditional commitment of \$10.0 Million be for the 2018 – 2027 Capital Improvement Program Budget Plan;</p> <p>d) The funding source of \$10 million City of Lethbridge contribution is to be identified once all other funds are in place</p>



Major Program: **Community Groups**

Project Title: **Exhibition Park Trade, Convention Centre & Agriplex**

Dept - Project #: **323**

Start Year:

End Year:



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>As presented to Finance Committee on March 25, 2013, the Lethbridge Exhibition Park is requesting funding for the following community group project:</p> <p>Phase 1: Trade & Convention Centre (250,000 Sq ft)</p> <ul style="list-style-type: none"> • Indoor open span connected tradeshow space 172,000 sq ft • Kitchen 8,000 sq ft (capable of hosting 2,000 hot meals per seating) • Meeting & Convention Space 25,000 sq ft • Lobby & Common Areas 10,000 sq ft • Administration 5,000 sq ft • Storage, maintenance & mechanical 30,000 sq ft <p>Phase 2: Agriplex</p> <ul style="list-style-type: none"> • Seating capacity for 1,000 to 1,500 • 100 x 200 square foot dirt floor arena • 150 to 175 livestock pens at 10' x 10' each and 12 to 15 dedicated livestock wash bays • Plus a concession, gallery space, show office etc. <p>The proposed contributors for the \$90 Million project would consist of: \$25 Million - City of Lethbridge \$50 Million - Federal & Provincial Capital Programs \$15 Million - Exhibition Park</p>	<p>Exhibition Park exists within its means, to provide the people of Lethbridge & District with an agricultural and community gathering place at which to participate in events, conduct business, learn and be entertained.</p> <p>Key components of the plan:</p> <ul style="list-style-type: none"> • Maintains current operations & programming during construction • Enhances existing Exhibition Park programming • Meets the needs of Convention Planners not currently coming to Lethbridge • Capital reinvestment potential through capital reserve plan/debt financing • Significant employment & economic generator during/after construction • Business Case supports a sustainable Exhibition Park into the future • Meets the Community demand & expectations

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction						25,000						25,000
						25,000						25,000
Total Costs						25,000						25,000
Funding												
Undetermined Funding						25,000						25,000
						25,000						25,000
Total Funding						25,000						25,000

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>
<p>The following resolution was passed by Finance Committee on May 7, 2013</p> <p>THEREFORE BE IT RESOLVED THAT the following be included in the 2014 – 2023 CIP recommendations to City Council:</p> <ol style="list-style-type: none"> 1.The City of Lethbridge commit \$25,000,000.00 towards the expansion project on the following conditions: <ol style="list-style-type: none"> a.The balance of expansion costs of approximately \$66,000,000.00 come from other sources whether it be the Provincial Government, the Federal Government, the Lethbridge & District Exhibition or any other source not yet identified; b.The Provincial component, if any, will not come from the present MSI or any replacement provincial grant that might come into effect; For greater clarity, any Provincial contribution towards the expansion project is required to be 'new' money and will not have the effect of reducing provincial grants available for other community projects ; c.That the City of Lethbridge's conditional commitment of \$25,000,000.00 be for the 2018 CIP budget plan with the provision that, should satisfactory proof for the remaining balance of the expansion costs be provided to the City prior to that date, City Council will retain the right to modify this Resolution at any time; d.The funding source of \$25,000,000.00 City contribution is to be identified once all other funds required to fund the project are in place; e.Ownership of the lands and any buildings remain the sole property of the City of Lethbridge.

Exhibition Park Trade, Convention Centre & Agriplex



Major Program: **New Facilities**

Project Title: **Downtown Washrooms**

Dept - Project #: **311**

Start Year:

End Year:



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project would involve the purchase and installation of two free-standing washroom facilities. They are intended to enhance the public realm and downtown experience. The facilities are required to be fully accessible and durable to withstand potential vandalism. These facilities require an ongoing maintenance commitment.</p> <p>Two proposed locations have been identified. The first site, which is in an area already identified as problematic for the businesses within that area, is in the vicinity of the old 6th Avenue fire station. The second site is on the Bompas Street parking lot. Together with the public washrooms in the Galt Gardens pergola and the 6th Avenue & 5th Street location (if approved) these facilities would provide public convenience for most of Downtown.</p>	<p>There are public toilets within the pergola at Galt Gardens but these facilities have limited hours of operation and are not conveniently located except for activities in or near Galt Gardens. The lack of public toilets has caused a real and measurable problem in the form of public defecation and urination, unsightly problems within the downtown area. The primary purpose of the facility is to meet the convenience and sanitary needs of the public.</p> <p>A secondary purpose of this project is to add useful facilities within public space in a manner than does not detract from the use or visual quality of the space but instead contributes to the enhancement of that space.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		380										380
		380										380
Total Costs		380										380
Funding												
Undetermined Funding		380										380
		380										380
Total Funding		380										380
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		16	16	17	17	18	19	20	20	21	22	

<u>Comments</u>
<p>The following directional resolution was passed by Finance Committee May 9, 2013: WHEREAS there has been a lack of public washrooms identified as a real and measurable problem in the Downtown area; AND WHEREAS the primary purpose of these facilities would be to meet the convenience and sanitary needs of the public while contributing to the enhancement of the public space in the Downtown area;</p> <p>THEREFORE BE IT RESOLVED THAT the Finance Committee include in its recommendation to City Council that this project for two free standing washroom facilities be referred to the Heart of Our City Committee and should the washrooms be deemed a priority they be funded from the annual allocation to the Downtown Redevelopment Fund.</p>

Downtown Washrooms



**INFRASTRUCTURE
ENVIRONMENTAL UTILITIES
CAPITAL IMPROVEMENT PROJECTS
2014-2023**

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2014 - 2023 Projects
Commencing in the First Four Years

Project Costs	Page	Project Costs			
		2014	2015	2016	2017-2023
All amounts below are in thousands					
Environmental Utilities					
<u>Waste & Recycling Services</u>					
Landfill					
Waste & Recycling Centre Disposal Cell Development	E - 7		2,700	300	13,130
Landfill Gas & Leachate Mgt Systems Development	E - 8	500		4,440	590
Construction & Demolition Processing Area Development	E - 9	1,910			
Waste & Recycling Centre Perimeter Berms and Fencing	E - 10	2,460		1,250	
Waste Processing Facility Upgrade	E - 11	3,120			
		<u>7,990</u>	<u>2,700</u>	<u>5,990</u>	<u>13,720</u>
Recycling					
Recycling Depot	E - 12		1,500		
			<u>1,500</u>		
<u>Wastewater</u>					
Wastewater Utility					
Wastewater Treatment Plant Headworks and Clarifier Upgrade	E - 13	4,100	2,400		
Wastewater Treatment Plant Cogeneration Upgrade	E - 14	1,500	200	630	
Wastewater Treatment Plant Additional Digester	E - 15		2,400	2,500	1,300
Wastewater Treatment Plant SCADA Upgrade	E - 16		625		
Lift Station Rehabilitation	E - 17		250		250
Wastewater Treatment Plant Security	E - 18			650	675
Storm Outfall Assessment and Rehabilitation	E - 20	500	500	500	
		<u>6,100</u>	<u>6,375</u>	<u>4,280</u>	<u>2,225</u>
<u>Water</u>					
Water Utility					
Water Treatment Plant Process Redundancy	E - 21	2,200	2,300		
Water Reservoir Upgrades	E - 22	2,100	4,875	1,050	1,088
Water Treatment Plant Residuals Management	E - 23	1,400	4,300	5,050	
Water Treatment High Voltage Upgrades	E - 24	500			
Water Treatment Plant SCADA Upgrade	E - 25		625		
Water Treatment Plant and Reservoir Security	E - 26			650	675
		<u>6,200</u>	<u>12,100</u>	<u>6,750</u>	<u>1,763</u>
<u>Combined Deep Utility</u>					
Urban Development (Offsite Levy)					
Metis Trail Deep Utilities (Garry Dr to Whoop Up) Northwest	EO - 1	4,294	2,800		
SE Regional Lift Station	EO - 2			15,500	
West Siphon Screen Relocation	EO - 3	811	844		
Distribution System Looping	EO - 4	611			
University Drive (Walsh to Commercial Access) Utility Servicing	EO - 5			4,894	
28th Street North (Kodiak Gate to BlackWolf) Deep Utilities	EO - 6				1,770
		<u>5,716</u>	<u>3,644</u>	<u>20,394</u>	<u>1,770</u>
TOTAL PROJECTS		26,006	24,819	32,924	11,748
13,720					
Project Funding					
Borrowing - Offsites		5,105	844	20,394	1,770
Borrowing - Utilities		17,190	16,975	11,000	9,728
Grant - Federal Gas Tax Fund (FGTF)		500	500	500	
Landfill Capital			1,600		2,800
Offsite Levy		611			
Wastewater Capital		1,500	3,875	630	250
Water Capital		1,100	1,025	400	
TOTAL FUNDING		26,006	24,819	32,924	11,748
					13,720

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2014 - 2023

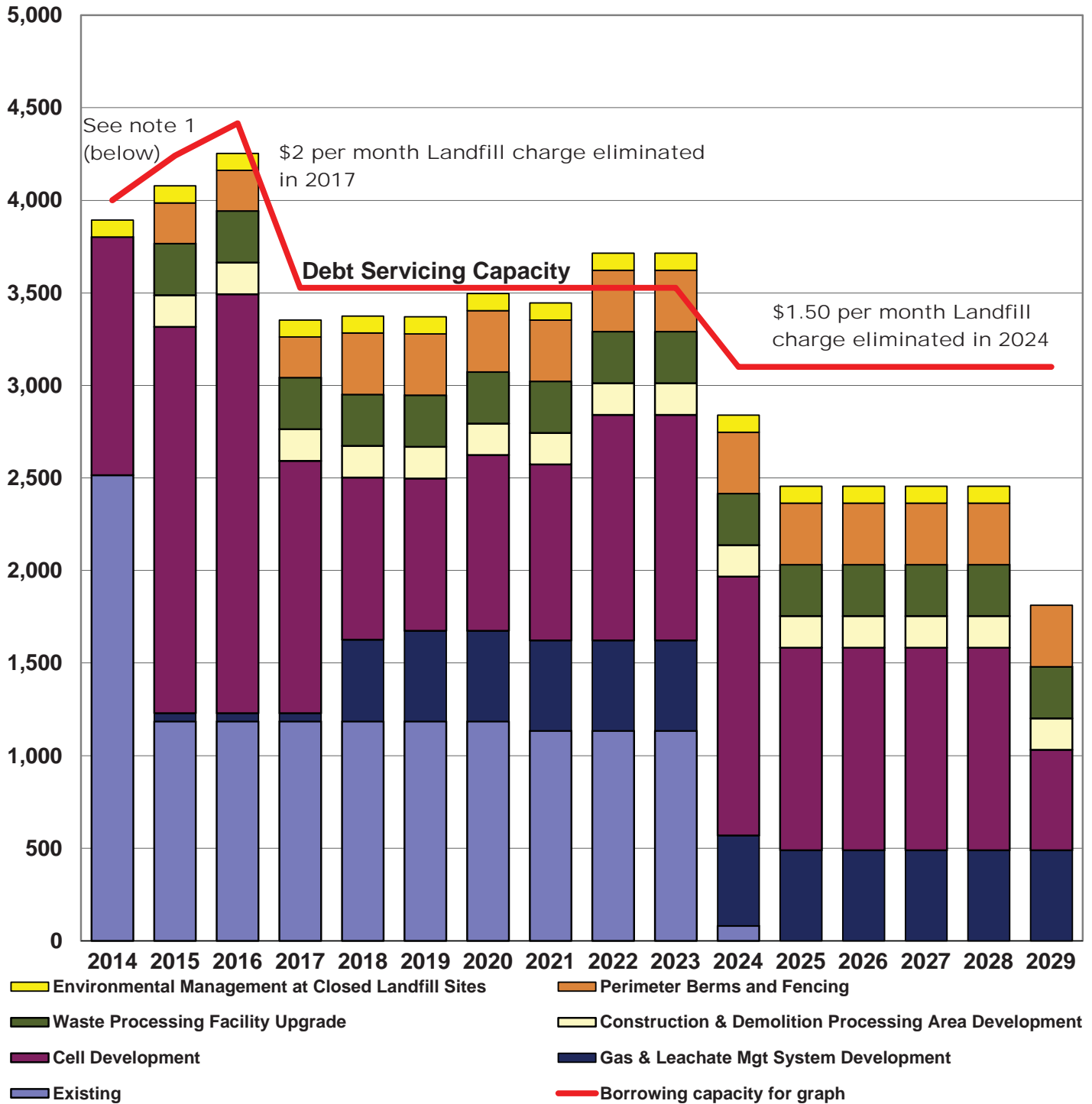
Project Costs	Page	Project Costs											
		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
		All amounts below are in thousands											
Environmental Utilities													
<u>Waste & Recycling Services</u>													
Landfill													
Waste & Recycling Centre Disposal Cell Development	E - 7		2,700		300	6,310	1,410		3,400		2,010	16,130	
Landfill Gas & Leachate Mgt Systems Development	E - 8		500		4,440	530		30			30	5,530	
Construction & Demolition Processing Area Development	E - 9		1,910									1,910	
Waste & Recycling Centre Perimeter Berms and Fencing	E - 10		2,460		1,250							3,710	
Waste Processing Facility Upgrade	E - 11		3,120									3,120	
Recycling													
Recycling Depot	E - 12			1,500								1,500	
			7,990	2,700	1,500	5,990	6,840	1,410	3,430		2,040	31,900	
<u>Wastewater</u>													
Wastewater Utility													
Wastewater Treatment Plant Headworks and Clarifier Upgrade	E - 13		4,100	2,400								6,500	
Wastewater Treatment Plant Cogeneration Upgrade	E - 14		1,500	200	630							2,330	
Wastewater Treatment Plant Additional Digester	E - 15			2,400	2,500	1,300						6,200	
Wastewater Treatment Plant SCADA Upgrade	E - 16			625								625	
Lift Station Rehabilitation	E - 17			250		250						500	
Wastewater Treatment Plant Security	E - 18				650	675						1,325	
Wastewater Treatment Plant Additional Bioreactors	E - 19						1,000	3,200	4,050			8,250	
Storm Outfall Assessment and Rehabilitation	E - 20		500	500	500							1,500	
			6,100	6,375	4,280	2,225	1,000	3,200	4,050			27,230	
<u>Water</u>													
Water Utility													
Water Treatment Plant Process Redundancy	E - 21		2,200	2,300								4,500	
Water Reservoir Upgrades	E - 22		2,100	4,875	1,050	1,088						9,113	
Water Treatment Plant Residuals Management	E - 23		1,400	4,300	5,050							10,750	
Water Treatment High Voltage Upgrades	E - 24		500									500	
Water Treatment Plant SCADA Upgrade	E - 25			625								625	
Water Treatment Plant and Reservoir Security	E - 26				650	675						1,325	
Water Treatment Plant Additional Filters	E - 27										500	500	
			6,200	12,100	6,750	1,763					500	27,313	
<u>Combined Deep Utility</u>													
Urban Development (Offsite Levy)													
Metis Trail Deep Utilities (Garry Dr to Whoop Up) Northwest	EO - 1		4,294	2,800								7,094	
SE Regional Lift Station	EO - 2				15,500							15,500	
West Siphon Screen Relocation	EO - 3		811	844								1,655	
Distribution System Looping	EO - 4		611									611	
University Drive (Walsh to Commercial Access) Utility Servicing	EO - 5				4,894							4,894	
28th Street North (Kodiak Gate to BlackWolf) Deep Utilities	EO - 6					1,770						1,770	
North Sanitary Siphon Twinning	EO - 7						6,392	6,590				12,982	
Walsh & Metis Deep Utilities	EO - 8						5,868					5,868	
Metis Trail Deep Utilities (Coalbanks to Waterbridge)	EO - 9									5,871		5,871	
43rd St South Underground Utilities (Hwy 4 to Clearview Entrance)	EO - 10										3,527	3,527	
			5,716	3,644	20,394	1,770	12,260	6,590		5,871	3,527	59,772	
TOTAL PROJECTS			26,006	24,819	32,924	11,748	20,100	11,200	4,050	3,430	5,871	6,067	146,214
Project Funding													
Borrowing - Offsites			5,105	844	20,394	1,770	12,260	6,590		5,871	3,527	56,361	
Borrowing - Utilities			17,190	16,975	11,000	9,728	5,740	4,610	4,050	2,730	2,040	74,063	
Grant - Federal Gas Tax Fund (FGTF)			500	500	500							1,500	
Landfill Capital				1,600			2,100		700			4,400	
Offsite Levy			611									611	
Wastewater Capital			1,500	3,875	630	250						6,255	
Water Capital			1,100	1,025	400						500	3,025	
TOTAL FUNDING			26,006	24,819	32,924	11,748	20,100	11,200	4,050	3,430	5,871	6,067	146,214

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2014 - 2023
Net Operating Costs

Please refer to A-7 for operating cost information related to this section.

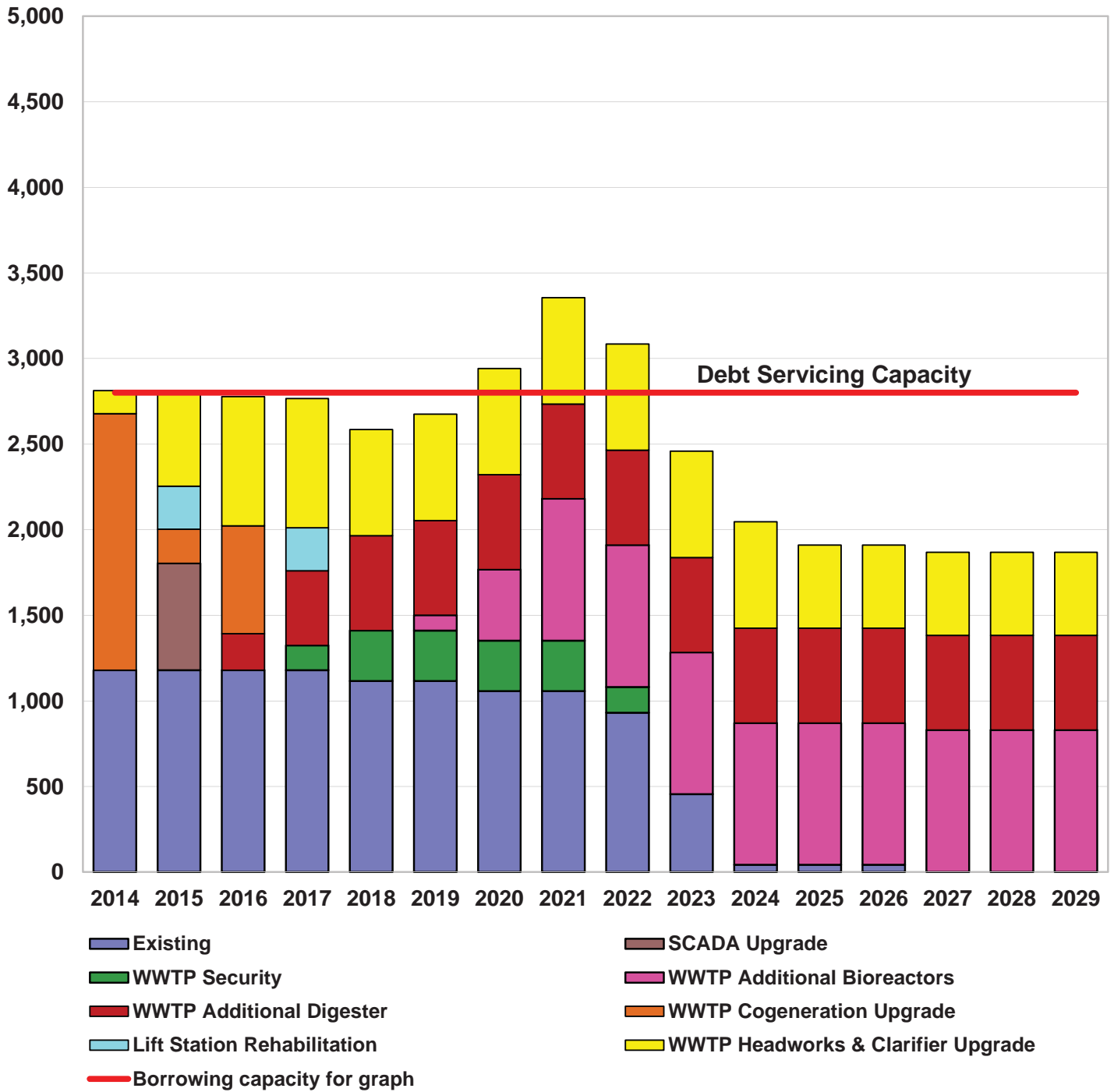
Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility cost if applicable.

Landfill Annual Debt Payments

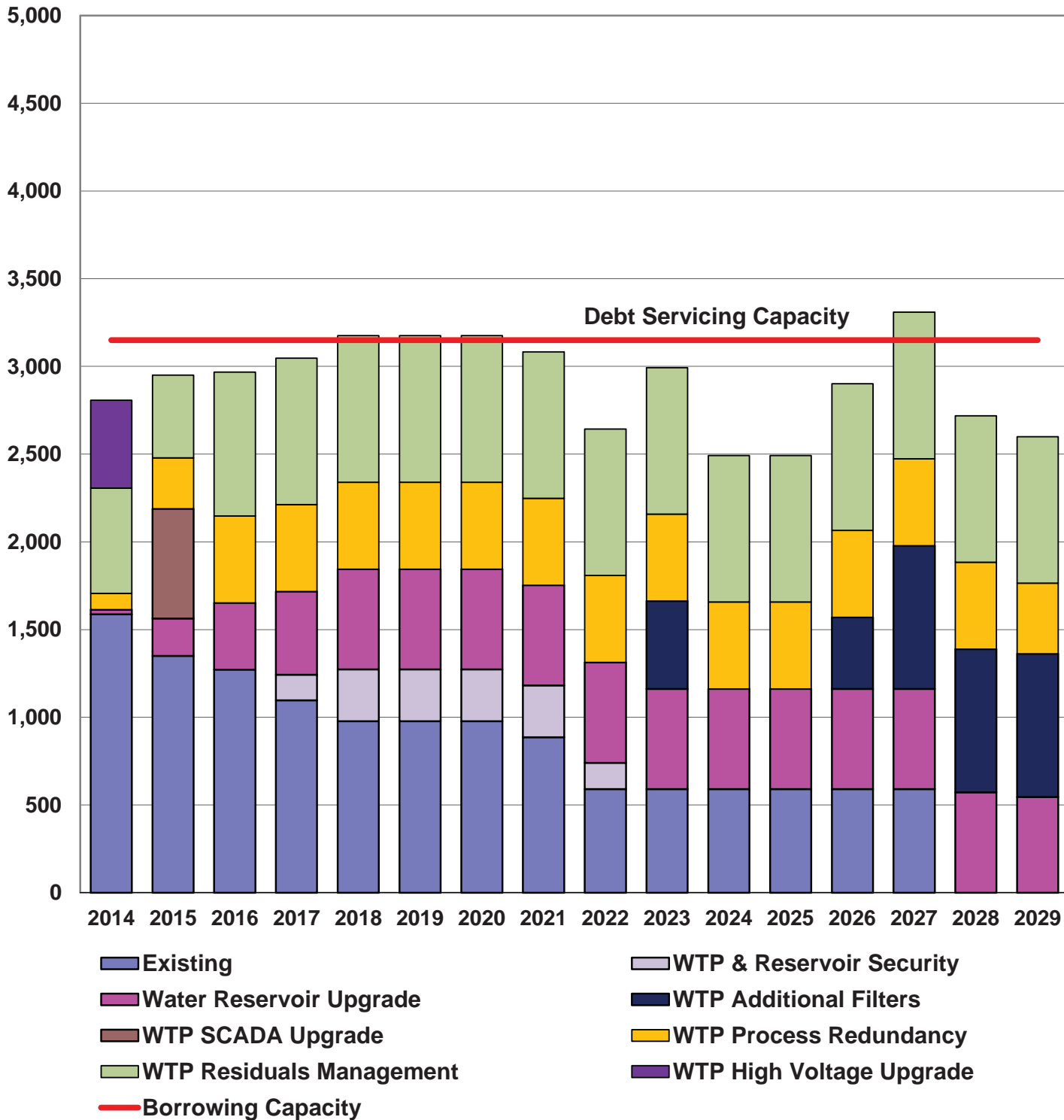


Note 1: \$ 1.50 per tonne increase per year for 2015 & 2016 to fund licensing compliance

Wastewater Utility Annual Debt Payments



Water Utility Annual Debt Payments



Major Program: **Landfill**

Project Title: **Waste & Recycling Centre Disposal Cell Development**

Dept - Project #: **215**

Start Year: **2015**

End Year: **2023**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides a mechanism for ongoing development and closure of class II mixed solid waste (MSW) disposal cells and industrial contaminated soil (ICS) disposal cells at the Waste & Recycling Centre. The program includes detailed design, construction and commissioning waste disposal cells. Cells will be constructed as described in the approval and the Standards for Landfills in Alberta.</p> <p>The cells will include:</p> <ul style="list-style-type: none"> • composite liner that provides for containment of the waste • leachate collection system capable of maintaining the leachate level limit • groundwater monitoring system • run on control system • clay barrier closure system <p>Projects considered for the 2014 to 2023 CIP Include:</p> <p>2015 - MSW cell 6 closure phase 1 of 4 2015 - ICS cell 8 development 2017 - MSW cell 5B development (design) 2018 - MSW cell 5B development (construction) 2018 - ICS cell 9 development & ICS cell 8 closure 2019 - MSW cell 6 closure phase 2 of 4 2021 - ICS cell 10 development & ICS cell 9 closure 2021 - MSW cell 6 closure phase 3 of 4 2023 - MSW cell 6 closure phase 4 of 4</p>	<p>The construction, operation and closure of Waste & Recycling Centre disposal cells is governed by an approval issued by Alberta Environment and Sustainable Resource Development. Pursuant to the approval the City has developed Class II mixed solid waste (MSW) and industrial contaminated soil (ICS) disposal cells. As available landfill disposal capacity in these cells are consumed there is a requirement to develop new disposal cells to meet the immediate needs of the City and the region. When the cells have reached capacity then closure as directed in the approval is required.</p> <p>The purpose of this project is to develop and close disposal cells in a timely fashion to meet the needs of our customers and maintain regulatory compliance.</p>

All amounts below are in thousands of dollars

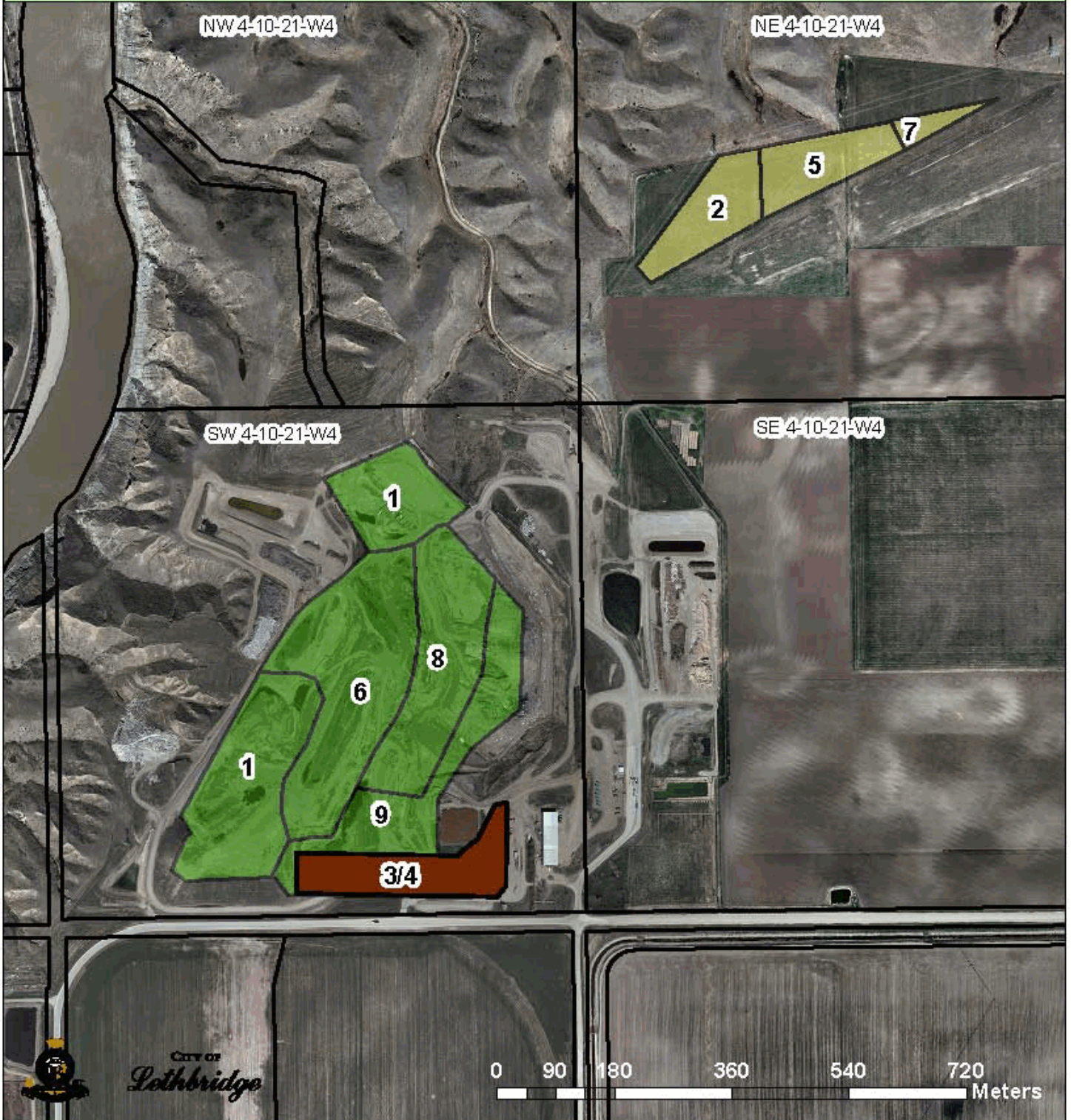
	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Closure			1,080			320	1,260		2,050		1,800	6,510
Construction			1,280			5,450			990			7,720
Consultive Services			340		300	540	150		360		210	1,900
			<u>2,700</u>		<u>300</u>	<u>6,310</u>	<u>1,410</u>		<u>3,400</u>		<u>2,010</u>	<u>16,130</u>
Total Costs			2,700		300	6,310	1,410		3,400		2,010	16,130
Funding												
Borrowing - Utilities			1,100		300	4,210	1,410		2,700		2,010	11,730
Landfill Capital			1,600			2,100			700			4,400
			<u>2,700</u>		<u>300</u>	<u>6,310</u>	<u>1,410</u>		<u>3,400</u>		<u>2,010</u>	<u>16,130</u>
Total Funding			2,700		300	6,310	1,410		3,400		2,010	16,130
Estimated Debt Charges		0	0	176	176	176	624	750	750	1,219	1,219	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

Waste & Recycling Centre Disposal Cell Development and Closure

- 1) MSW cell 6 closure phase 1 of 4 2015
- 2) ICS cell 8 development 2015
- 3) MSW cell 5B development (design) 2017
- 4) MSW cell 5B development (construction) 2018
- 5) ICS cell 9 development & ICS cell 8 closure 2018
- 6) MSW cell 6 closure phase 2 of 4 2019
- 7) ICS cell 10 development & ICS cell 9 closure 2021
- 8) MSW cell 6 closure phase 3 of 4 2021
- 9) MSW cell 6 closure phase 4 of 4 2023

- Proposed Cell Closure
- Proposed MSW Disposal Cells
- Proposed ICS Disposal Development & Closure



Major Program: **Landfill**

Project Title: **Landfill Gas & Leachate Mgt Systems Development**

Dept - Project #: **219**

Start Year: **2014**

End Year: **2023**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>In 2011, 165,000 tonnes of waste and recyclables were received at the Waste & Recycling Centre from the City of Lethbridge and surrounding municipalities. Since 1985 over 2 million tonnes of waste has been disposed at the site. It is one of the largest landfill sites in southern Alberta.</p> <p>The Waste & Recycling Centre Master Plan provides initial concept plans for the landfill gas and leachate management systems. These concept plans require further refinement prior to construction. The following phases are considered for the 2014 to 2023 CIP:</p> <p>2014 - Landfill gas and leachate system design 2017 - Landfill gas system installation initial phase 2018 - Leachate pump station power supply 2021 - Extend gas well system phase 1 2023 - Extend gas well system phase 2</p> <p>The initial system design project in 2014 will further refine the systems cost and schedule. This will provide direction for the development of the leachate management system required for future waste disposal cells and implementation of the landfill gas system.</p>	<p>The construction operation and closure of the Waste & Recycling Centre is governed by an approval issued by Alberta Environment & Sustainable Resource Development. The major by-products of decomposition of waste within disposal cells are liquid and gas. The liquid is primarily water which leaches elements from the decomposing waste and is referred to as leachate. The gas is primarily Carbon Dioxide and Methane, both of which are green house gases that contribute to climate change. The gas is referred to as landfill gas.</p> <p>The approval requires the development of a leachate management system. Furthermore, landfills are governed by the Specified Gas Emitters Regulation in Alberta, as well as the Federal Governments large emitters regulations. Currently, the Waste & Recycling Centre generates (65,000 tonne CO2 equivalents) enough green house gas to trigger the reporting component (>50,000 tonne CO2 equivalents) in the regulation. However, is not required to reduce green house gas emissions (>100,000 tonne CO2 equivalents). In Alberta emitters who voluntarily reduce their emissions qualify to sell emissions credits to other large emitters that are unable to meet their emissions reductions targets and it is anticipated that government will lower the reduction limit in the near future. Development of a system to reduce green house emissions from the landfill prior to regulatory changes requiring reductions is proposed. Landfill gas and leachate management systems can share common infrastructure. Efficiencies may be garnered by developing these systems together.</p>

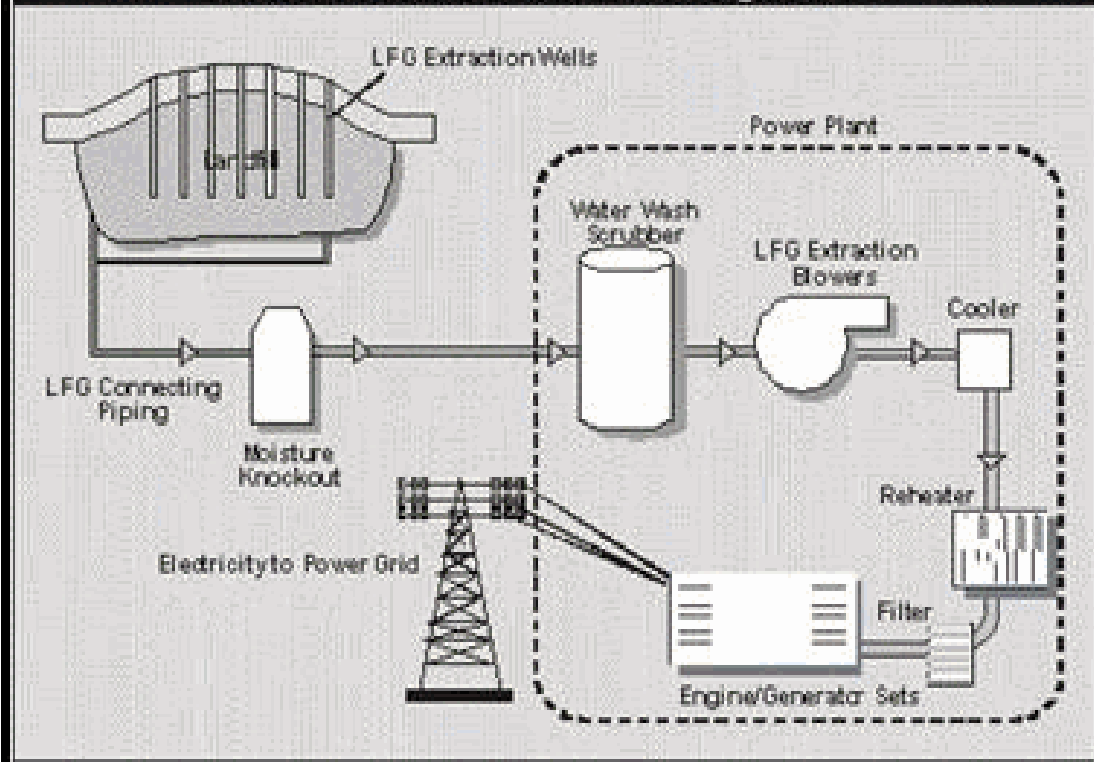
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction					4,110	480			30		30	4,650
Consultive Services		500			330	50						880
		500			4,440	530			30		30	5,530
Total Costs		500			4,440	530			30		30	5,530
Funding												
Borrowing - Utilities		500			4,440	530			30		30	5,530
		500			4,440	530			30		30	5,530
Total Funding		500			4,440	530			30		30	5,530
Estimated Debt Charges		0	45	45	45	441	488	488	488	488	488	
Projected Net Operating Costs		0	0	0	0	180	190	200	210	210	210	

Comments



Landfill Gas Utilization System



Major Program: **Landfill**

Project Title: **Construction & Demolition Processing Area Development**

Dept - Project #: **284**

Start Year: **2014**

End Year: **2014**



Capital Improvement Program
2014 to 2023

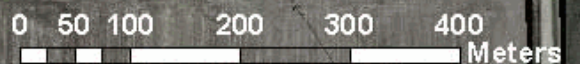
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project involves development of an area for the collection, processing and storage of the following construction & demolition (C & D) materials:</p> <ul style="list-style-type: none"> • Asphalt pavement • Concrete • Wood • Metal • Drywall • Asphalt shingles (future) <p>The area will include a roadway, storage and processing area, bunkers, and run-off control facilities. It is anticipated that the area will be located to the east of the scale house and that the area will serve for the collection and processing of C&D materials for 25 years.</p>	<p>The Government of Alberta has developed a framework for a construction and demolition (C & D) waste reduction program. The program will target the following waste streams:</p> <ul style="list-style-type: none"> • Asphalt pavement • Concrete • Metal • Wood • Drywall • Asphalt shingles <p>The City has been implementing recycling programs for these commodities as stable markets develop. Currently, wood, asphalt pavement, concrete, metal, and drywall are collected for recycling. Collection of concrete began in 2012 with the closure of the class III inert waste landfill.</p> <p>Interim storage areas have been created for these materials. A permanent collection, processing, and storage area is required for long term management of these commodities. Development of this area will facilitate program growth and provide space for additional materials as they come online.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		1,710										1,710
Consultive Services		200										200
		<u>1,910</u>										<u>1,910</u>
Total Costs		1,910										1,910
Funding												
Borrowing - Utilities		1,910										1,910
		<u>1,910</u>										<u>1,910</u>
Total Funding		1,910										1,910
Estimated Debt Charges		0	171	171	171	171	171	171	171	171	171	171
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	0

Comments

Construction & Demolition Processing Area Development



Major Program: **Landfill**

Project Title: **Waste & Recycling Centre Perimeter Berms and Fencing**

Dept - Project #: **285**

Start Year: **2014**

End Year: **2017**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The project provides visual screening of the landfill expansion that was proposed in the expansion approval application. The project includes:</p> <ul style="list-style-type: none"> • 5 meter high visual screening berms on the south and east edges of the expansion area • Shelterbelt planting • Perimeter fencing <p>The project has been divided into two phases with both phases being designed in 2014. The south section (phase 1) is to be constructed in 2014 while the north section (phase 2) is planned to be constructed in 2017.</p>	<p>The Waste & Recycling Centre Master Plan Project developed a plan for the vertical and horizontal expansion of the centre. The proposed expansion includes:</p> <ul style="list-style-type: none"> • Increasing the overall height of the waste an additional 16 meters above average grade to 926 above sea level (ASL) • Increasing the footprint of the landfill from 25 to 63 hectares • Increasing the useful life of the landfill from 12 to 57 years <p>The master plan included a comprehensive public consultation. During the consultation major issues raised by stakeholders included litter management and visual impact of the expanding facility. To address these concerns the City has included mitigation measures in the expansion application. The application states that the City will develop perimeter fencing, landscaping and berms to reduce the visual impact of the expansion.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		2,160			1,160							3,320
Consultive Services		300			90							390
		<u>2,460</u>			<u>1,250</u>							<u>3,710</u>
Total Costs		2,460			1,250							3,710
Funding												
Borrowing - Utilities		2,460			1,250							3,710
		<u>2,460</u>			<u>1,250</u>							<u>3,710</u>
Total Funding		2,460			1,250							3,710
Estimated Debt Charges		0	220	220	220	331	331	331	331	331	331	
Projected Net Operating Costs		0	10	11	11	12	12	13	13	14	14	

Comments



Major Program: **Landfill**

Project Title: **Waste Processing Facility Upgrade**

Dept - Project #: **287**

Start Year: **2014**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Waste & Recycling Services will undertake a preliminary design for the project in 2013. The preliminary design will assist the department with refining the project scope and cost. The processing facility upgrade project includes detailed design and construction of a facility with increased storage capacity for multi-day windy weather events.</p> <p>The facility upgrade will include increasing the building size and enhancing the tipping floor to create increased waste storage capacity for sustained facility usage during periods of high wind.</p>	<p>The purpose of this project is to increase waste storage capacity during periods of high winds. The Waste & Recycling Centre Master Plan Project developed a strategy for the vertical and horizontal expansion of the centre. The proposed expansion includes:</p> <ul style="list-style-type: none"> • Increasing the overall height of the waste an additional 16 meters above average grade to 926 above sea level (ASL) • Increasing the footprint of the landfill from 25 to 63 hectares • Increasing the useful life of the landfill from 12 to 57 years <p>The master plan included a comprehensive public consultation. During the consultation major issues raised by stakeholders included litter management and visual impact of the expanding facility. To address these concerns the City has included mitigation measures in the expansion application. The application states that the City will increase the capacity of the windy weather operating area. This will aid operations in providing service to customers and maintaining regulatory compliance. The initial phases of the expanded landfill will be more exposed to the prevailing wind and it is anticipated that the processing facility will be required to operate more frequently and for longer durations.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		2,820										2,820
Consultive Services		300										300
		3,120										3,120
Total Costs		3,120										3,120
Funding												
Borrowing - Utilities		3,120										3,120
		3,120										3,120
Total Funding		3,120										3,120
Estimated Debt Charges		0	279	279	279	279	279	279	279	279	279	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

Waste Processing Facility Upgrade



**Bale Bagger
Baling Operation**



Baled Waste in Landfill



Major Program: **Recycling**

Project Title: **Recycling Depot**

Dept - Project #: **286**

Start Year: **2016**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>There were a number of issues with the existing system of Recycling Depots. These issues included limited capacity, site cleanliness, litter and site design limitations. Council gave direction to City administration to undertake a review of recycling depot systems, and provide recommendations for improvements. In the spring of 2012 City Council approved the replacement of the current system of 7 decentralised recycling depots with 3 centralised recycling depots. The new depots would have double the capacity of the current depot system, as well as have a site specific design to meet our needs.</p> <p>Based on the success of the current yard waste site, and the importance of diverting leaf and yard organics from the waste stream, we have designed and co-located a yard waste drop off site with the recycling depots.</p> <p>The North side site is located on North Stafford drive. The west side site is located at the intersection of University and Bridge drive. A suitable site was not found for the south side. As a result the existing south side location has only been retrofitted with the new bins, but will remain in the current location at the Safeway store on south Mayor Magrath Drive.</p>	<p>The purpose of this project is to complete the construction of the third recycling depot. This depot will be located in south Lethbridge.</p> <p>The timing of this project will be dependant on being able to acquire a site with a suitable location. The site will include a yard waste drop off site and will be similar in design to the newly constructed north side and west side sites.</p> <p>The construction of a new Southside Recycling depot will result in all 3 of the centralized Recycling Depots having the same service offering as well as the same design. This will ensure that we provide a consistent level of service for all residents, regardless of which depot they are using.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				1,400								1,400
Consultive Services				100								100
Total Costs				1,500								1,500
Funding												
Borrowing - Utilities				1,500								1,500
Total Funding				1,500								1,500
Estimated Debt Charges		0	0	0	134	134	134	134	134	134	134	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

The estimated operating costs for this project starting in 2017 would be \$200,000 per year however with the change in the recycling depot design, the current operating budget would be able to fund this additional cost.



Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Headworks and Clarifier Upgrade**

Dept - Project #: **203**

Start Year: **2008**

End Year: **2015**



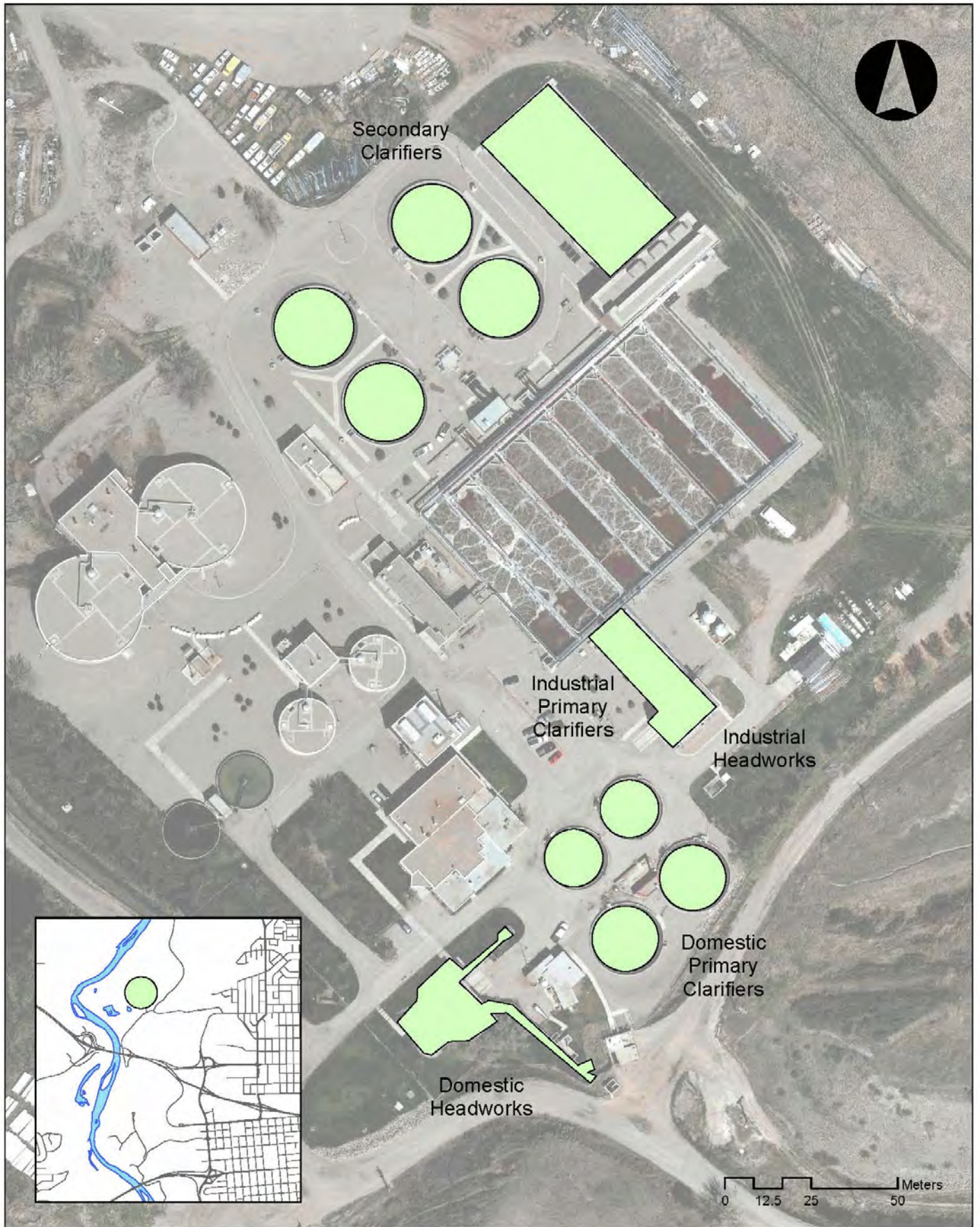
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 14 of 2011-2020 (Project Number 203).</p> <p>This project will implement wastewater treatment plant improvements recommended in a 2003 Wastewater Treatment Plant Asset Condition Assessment. Improvements to the headworks facilities include a new grit removal system and screens; improvements to influent channels and a new receiving station. Improvements to the primary and secondary clarifiers consist of replacement of components that are operating past their useful service life.</p>	<p>This project will:</p> <ul style="list-style-type: none"> Leverage use of existing plant components, Increase performance and improve reliability Avoid increasing maintenance costs Improve operator health and safety, and Allow continued growth and development of the City.

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	1,550	3,825	2,125									7,500
Consultive Services	550	275	275									1,100
	2,100	4,100	2,400									8,600
Total Costs	2,100	4,100	2,400									8,600
Funding												
Borrowing - Utilities	1,600	4,100	2,400									8,100
Wastewater Capital from Operations	500											500
	2,100	4,100	2,400									8,600
Total Funding	2,100	4,100	2,400									8,600
Estimated Debt Charges		134	539	755	755	621	621	621	621	621	621	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

<u>Comments</u>



Wastewater Treatment Plant Headworks and Clarifier Upgrade

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Cogeneration Upgrade**

Dept - Project #: **204**

Start Year: **2011**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 13 of 2011-2020 (Project Number 204).</p> <p>This project will consist of removal of equipment from the digester gas floor, installation of replacement or upgraded equipment at an alternate site, installation of a backup electrical transformer and replacement of boilers.</p>	<p>The Wastewater Treatment Plant Cogeneration facility was constructed in 2002 under a design/build/operate contract. The ten year operating contract expires in 2012.</p> <p>Based on the performance of the facility over the past 10 years, equipment upgrades and additions will be required to extend the service life of the facility with the operating contract expired.</p> <p>This project will:</p> <ul style="list-style-type: none"> Leverage use of existing plant components, Increase performance and improve reliability Avoid increasing operating and maintenance costs Improve operator health and safety.

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	900	1,500	200	630								3,230
	900	1,500	200	630								3,230
Total Costs	900	1,500	200	630								3,230
Funding												
Wastewater Capital	900	1,500	200	630								3,230
	900	1,500	200	630								3,230
Total Funding	900	1,500	200	630								3,230

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Wastewater Treatment Plant Cogeneration Upgrade

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Additional Digester**

Dept - Project #: **206**

Start Year: **2015**

End Year: **2017**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 12 of 2011-2020 (Project Number 206).</p> <p>The two existing wastewater treatment plant digesters were constructed in 1987. A third digester is now required to allow periodic maintenance. The maintenance procedure for a digester requires that it be drained and taken completely out of service for several weeks.</p> <p>This project will construct a third digester and provide the redundancy needed for maintenance and increased digestion capacity.</p>	<p>This project will:</p> <ul style="list-style-type: none"> Increase performance, and improve reliability Permit regular and routine maintenance without affecting treatment plant operational performance Improve operator health and safety, and Allow continued growth and development of the City.

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction			2,400	2,500	1,300							6,200
			2,400	2,500	1,300							6,200
Total Costs			2,400	2,500	1,300							6,200
Funding												
Borrowing - Utilities			2,400	2,500	1,300							6,200
			2,400	2,500	1,300							6,200
Total Funding			2,400	2,500	1,300							6,200
Estimated Debt Charges		0	0	214	438	554	554	554	554	554	554	
Projected Net Operating Costs		0	0	0	30	40	45	50	55	60	65	

Comments



Wastewater Treatment Plant Additional Digester

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant SCADA Upgrade**

Dept - Project #: **213**

Start Year: **2013**

End Year: **2015**



Capital Improvement Program
2014 to 2023

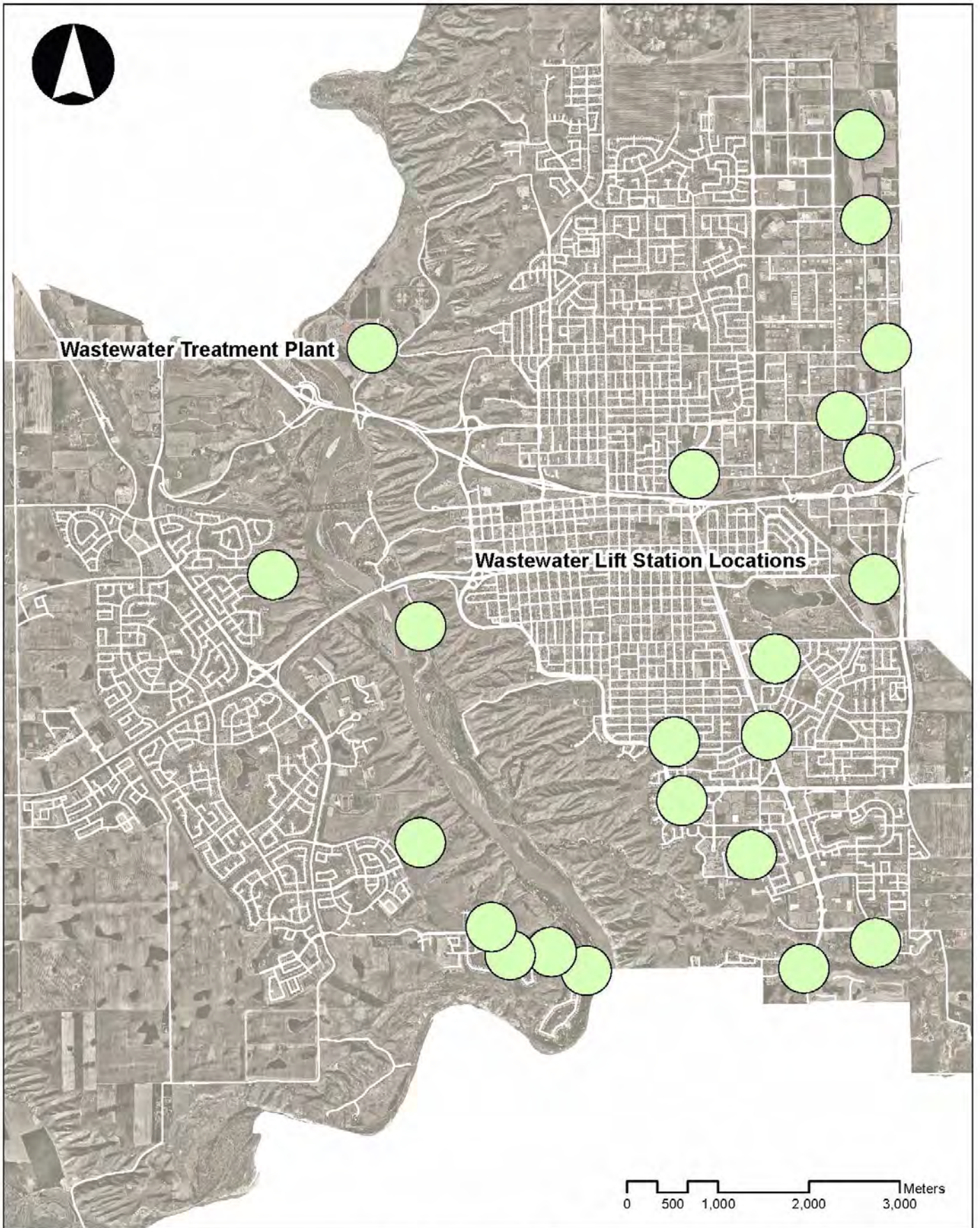
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 15 of 2011-2020 (Project Number 213).</p> <p>The SCADA (Supervisory Control and Data Acquisition) system is computers and software that provides the operators at the water and wastewater treatment plants with real-time and historical information related to the plant operation and process performance. There are thousands of pieces of information including flow rates, tank levels, pump discharge pressures, valve statuses, and water temperature and quality measurements. All of this information is continuously monitored, displayed and recorded by the SCADA system.</p> <p>The system also provides a means for operators in the plant control rooms to control the facilities remotely; like adjusting pump speeds, and opening or closing valves.</p> <p>This upgrade project will replace aging hardware, improve historical data handling, and provide enhancements in the system configuration and security.</p>	<p>This project will:</p> <p>Improve reliability</p> <p>Maintain existing levels of service</p> <p>Lifecycle renewal of a critical system</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	230		625									855
	230		625									855
Total Costs	230		625									855
Funding												
Wastewater Capital	230		625									855
	230		625									855
Total Funding	230		625									855

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Wastewater Treatment Plant SCADA Upgrade

Major Program: **Wastewater Utility**
 Project Title: **Lift Station Rehabilitation**
 Dept - Project #: **282**
 Start Year: **2015**

End Year: **2017**



Capital Improvement Program
 2014 to 2023

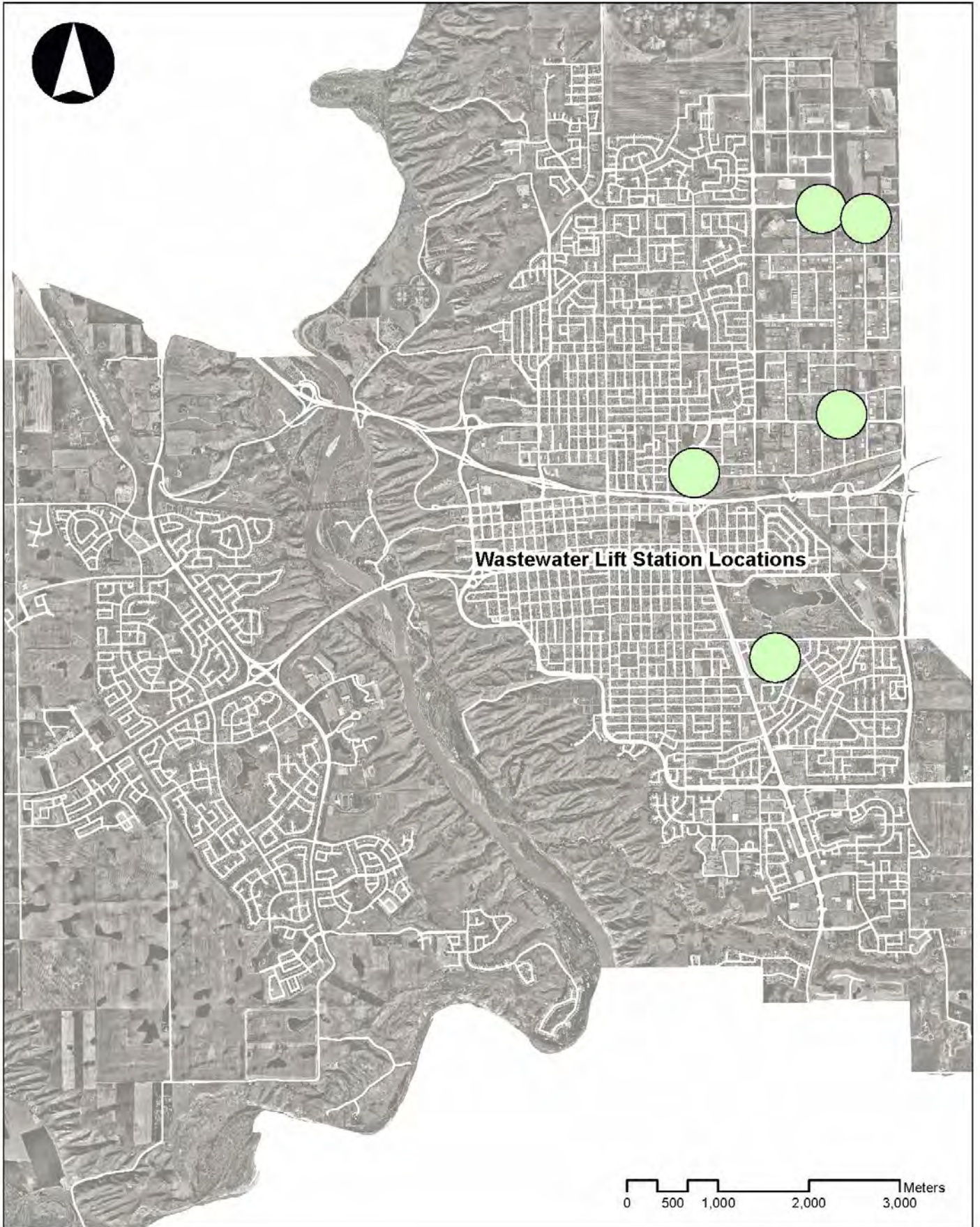
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will make the following improvements to some of the City's older liftsations:</p> <ul style="list-style-type: none"> • 39 St N standby generator • 26 Ave N liftstation switchgear replacement • Replace pumps and motors with more efficient models sized based on actual flows (Lakeview, 39 St N and 26 Ave) 	<p>This project will:</p> <ul style="list-style-type: none"> Improve reliability Maintain existing levels of service Lifecycle renewal of a critical equipment

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction			250		250							500
			250		250							500
Total Costs			250		250							500
Funding												
Wastewater Capital			250		250							500
			250		250							500
Total Funding			250		250							500

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Lift Station Rehabilitation

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Security**

Dept - Project #: **216**

Start Year: **2016**

End Year: **2017**



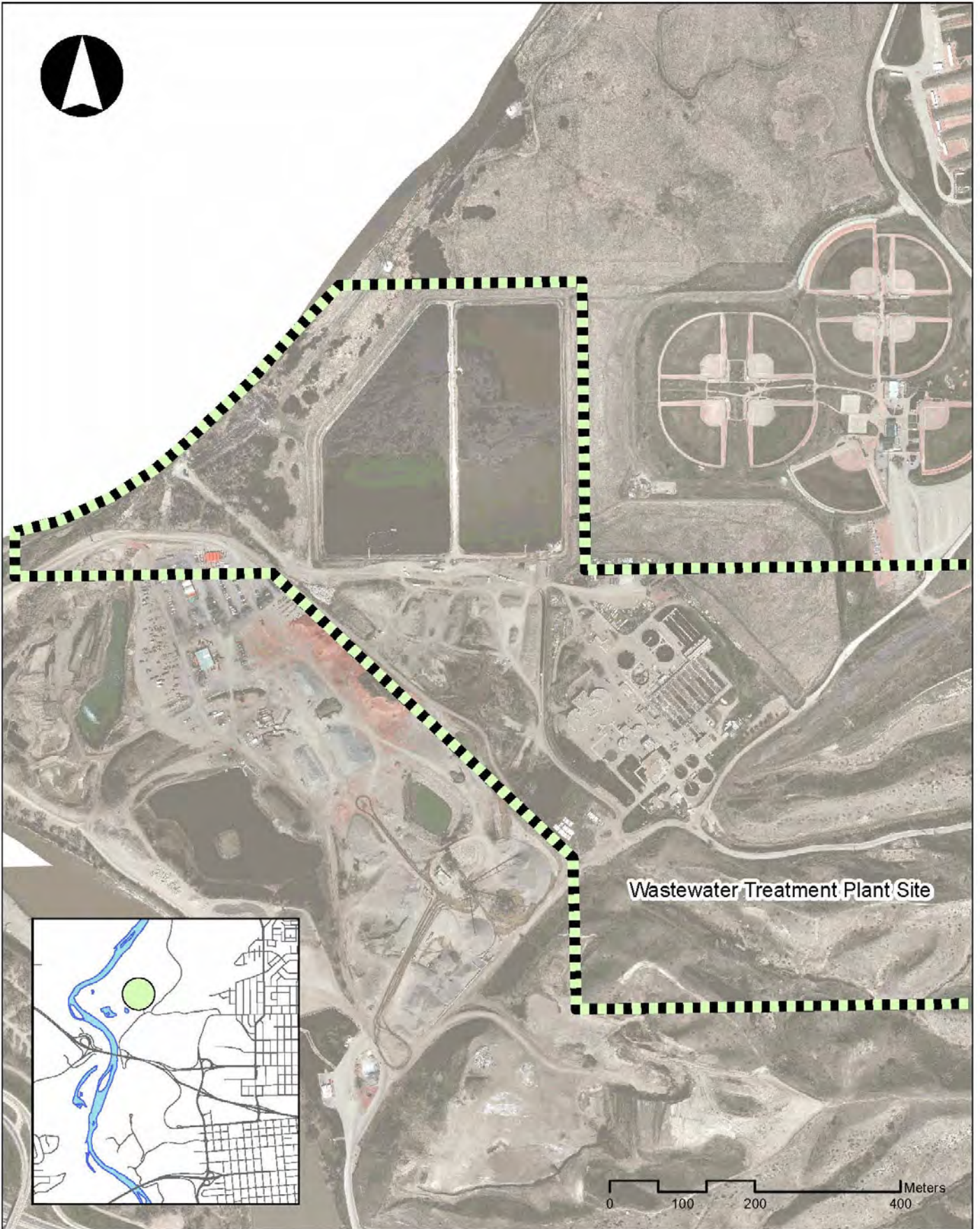
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 16 of 2011-2020 (Project Number 216).</p> <p>This project will increase security at the wastewater treatment plant.</p> <p>The project will consist of installing:</p> <ul style="list-style-type: none"> • additional fencing • controlled gates • interior and exterior video surveillance equipment 	<p>This project will:</p> <p>Drinking water system and wastewater treatment are identified as critical infrastructure within the Alberta Counter Terrorism Crisis Management Plan. The Alberta Security & Strategic Intelligence Support Team (ASSIST) provides recommended responses to threats.</p> <p>Increase the security of the wastewater treatment facility.</p> <p>Prevent intrusion, theft and vandalism</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				650	675							1,325
				650	675							1,325
Total Costs				650	675							1,325
Funding												
Borrowing - Utilities				650	675							1,325
				650	675							1,325
Total Funding				650	675							1,325
Estimated Debt Charges		0	0	0	145	295	295	295	295	150	0	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Wastewater Treatment Plant Security

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Additional Bioreactors**

Dept - Project #: **207**

Start Year: **2018**

End Year: **2020**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 11 of 2011-2020</p> <p>The first three aeration tanks at the City's wastewater treatment plant were constructed in 1970, the fourth in 1979 and the fifth in 1987. In 1998, the aeration tanks were converted into bioreactors when the plant was upgraded for biological nutrient removal.</p> <p>The treatment capacity of the existing bioreactors is sufficient to service a population of approximately 100,000. To service a population of more than 100,000, the plant will require additional bioreactors.</p> <p>This project will provide the additional bioreactors required to double the plant's treatment capacity to meet growing community demands.</p>	<p>This project will:</p> <p>Leverage use of existing plant components,</p> <p>Maintain existing levels of service; continued regulatory compliance</p> <p>Allow continued growth and development in Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction						1,000	3,200	4,050				8,250
						1,000	3,200	4,050				8,250
Total Costs						1,000	3,200	4,050				8,250
Funding												
Borrowing - Utilities						1,000	3,200	4,050				8,250
						1,000	3,200	4,050				8,250
Total Funding						1,000	3,200	4,050				8,250
Estimated Debt Charges		0	0	0	0	0	89	416	829	829	829	
Projected Net Operating Costs		0	0	0	0	0	0	0	10	20	20	

Comments



Wastewater Treatment Plant Additional Bioreactors

Major Program: **Wastewater Utility**

Project Title: **Storm Outfall Assessment and Rehabilitation**

Dept - Project #: **280**

Start Year: **2014**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Many of the City's stormwater outfalls were constructed with corrugated steel pipe and installed in the 1970's.</p> <p>The failure of one of these outfalls and the resulting damage to Fort Whoop Up has highlighted the fact that these outfalls are nearing the end of their service life.</p> <p>This project will assess the condition of these steel outfalls and includes the rehabilitation of those found to be in poorest condition. Rehabilitation can avoid the higher cost of repair following failure by relining of the pipe or full replacement.</p>	<p>This project will:</p> <ul style="list-style-type: none"> Improve reliability Maintain existing levels of service Lifecycle renewal of drainage assets Avoid higher cost of repair following failure

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction		500	500	500								1,500
		500	500	500								1,500
Total Costs		500	500	500								1,500
Funding												
Grant - Federal Gas Tax Fund (FGTF)		500	500	500								1,500
		500	500	500								1,500
Total Funding		500	500	500								1,500

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Stormwater Outfall Rehabilitation

Major Program: **Water Utility**

Project Title: **Water Treatment Plant Process Redundancy**

Dept - Project #: **128**

Start Year: **2013**

End Year: **2015**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of existing CIP project E - 23 of 2011-2020 (Project Number 128).</p> <p>The existing water treatment plant (Plant No. 3 constructed in 1982) has two clarifiers. Each of these clarifiers must be taken out of service annually for maintenance. Additionally, the existing plant cannot meet daily demand in the summer with one unit out of service.</p> <p>This project will provide additional clarification capacity and provide the required level of treatment process redundancy.</p>	<p>This project will:</p> <p>Meet redundancy level of service in this portion of the treatment process; ability to operate at design capacity with the largest unit out of service.</p> <p>Mitigate risk of clarifier failure resulting in water shortage that would negatively impact all customers.</p> <p>Permit regular and routine clarifier maintenance without affecting treatment plant operational performance.</p> <p>Allow continued growth and development of the City.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	1,050	2,200	2,300									5,550
	1,050	2,200	2,300									5,550
Total Costs	1,050	2,200	2,300									5,550
Funding												
Borrowing - Utilities	1,050	2,200	2,300									5,550
	1,050	2,200	2,300									5,550
Total Funding	1,050	2,200	2,300									5,550
Estimated Debt Charges		94	290	496	496	496	496	496	496	496	496	
Projected Net Operating Costs		0	0	10	10	11	11	12	12	13	13	

<u>Comments</u>



Water Treatment Plant Process Redundancy

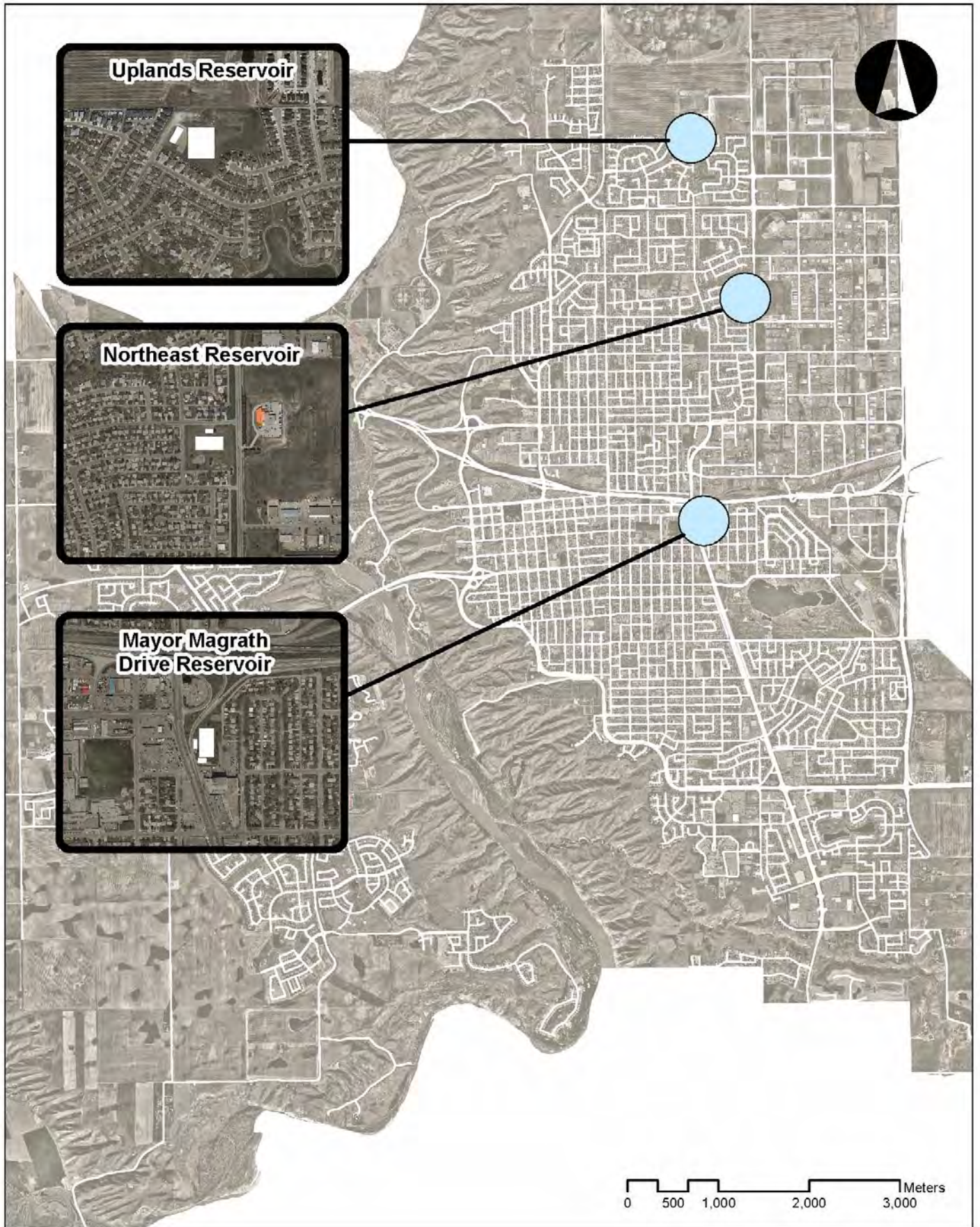
Major Program: **Water Utility**Project Title: **Water Reservoir Upgrades**Dept - Project #: **196**Start Year: **2013**End Year: **2017**Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>															
<p>Continuation of previous project E - 17 of 2011-2020 (Project Number 196).</p> <p>This project will consist of lifecycle replacement and upgrading of aging mechanical and electrical equipment at the Uplands, Northeast and Mayor Magrath Drive Reservoirs. There is also an addition to the water storage capacity at the Northeast Reservoir in addition to the pump station equipment upgrades. The allocation is as follows:</p> <table border="1"> <thead> <tr> <th>Reservoir</th> <th>Cost</th> <th>Schedule</th> </tr> </thead> <tbody> <tr> <td>Northeast</td> <td>\$3,588,000</td> <td>2013-2015</td> </tr> <tr> <td>Uplands</td> <td>\$3,675,000</td> <td>2014-2015</td> </tr> <tr> <td>Mayor Magrath Dr</td> <td>\$2,137,000</td> <td>2016-2017</td> </tr> <tr> <td>Total</td> <td>\$9,400,000</td> <td></td> </tr> </tbody> </table>	Reservoir	Cost	Schedule	Northeast	\$3,588,000	2013-2015	Uplands	\$3,675,000	2014-2015	Mayor Magrath Dr	\$2,137,000	2016-2017	Total	\$9,400,000		<p>This project will:</p> <p>Improve reliability and reduce maintenance,</p> <p>Extend the service life of existing pump station infrastructure,</p> <p>Maintain existing levels of service for water pressure and fire protection, and</p> <p>Improve the level of service for emergency and fire water storage for the industrial area at the Northeast Reservoir.</p>
Reservoir	Cost	Schedule														
Northeast	\$3,588,000	2013-2015														
Uplands	\$3,675,000	2014-2015														
Mayor Magrath Dr	\$2,137,000	2016-2017														
Total	\$9,400,000															

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	288	2,100	4,875	1,050	1,088							9,400
	288	2,100	4,875	1,050	1,088							9,400
Total Costs	288	2,100	4,875	1,050	1,088							9,400
Funding												
Borrowing - Utilities	288	2,100	4,875	1,050	1,088							9,400
	288	2,100	4,875	1,050	1,088							9,400
Total Funding	288	2,100	4,875	1,050	1,088							9,400
Estimated Debt Charges		26	213	649	742	839	839	839	839	839	839	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Reservoir Upgrades

Major Program: **Water Utility**

Project Title: **Water Treatment Plant Residuals Management**

Dept - Project #: **130**

Start Year: **2014**

End Year: **2016**



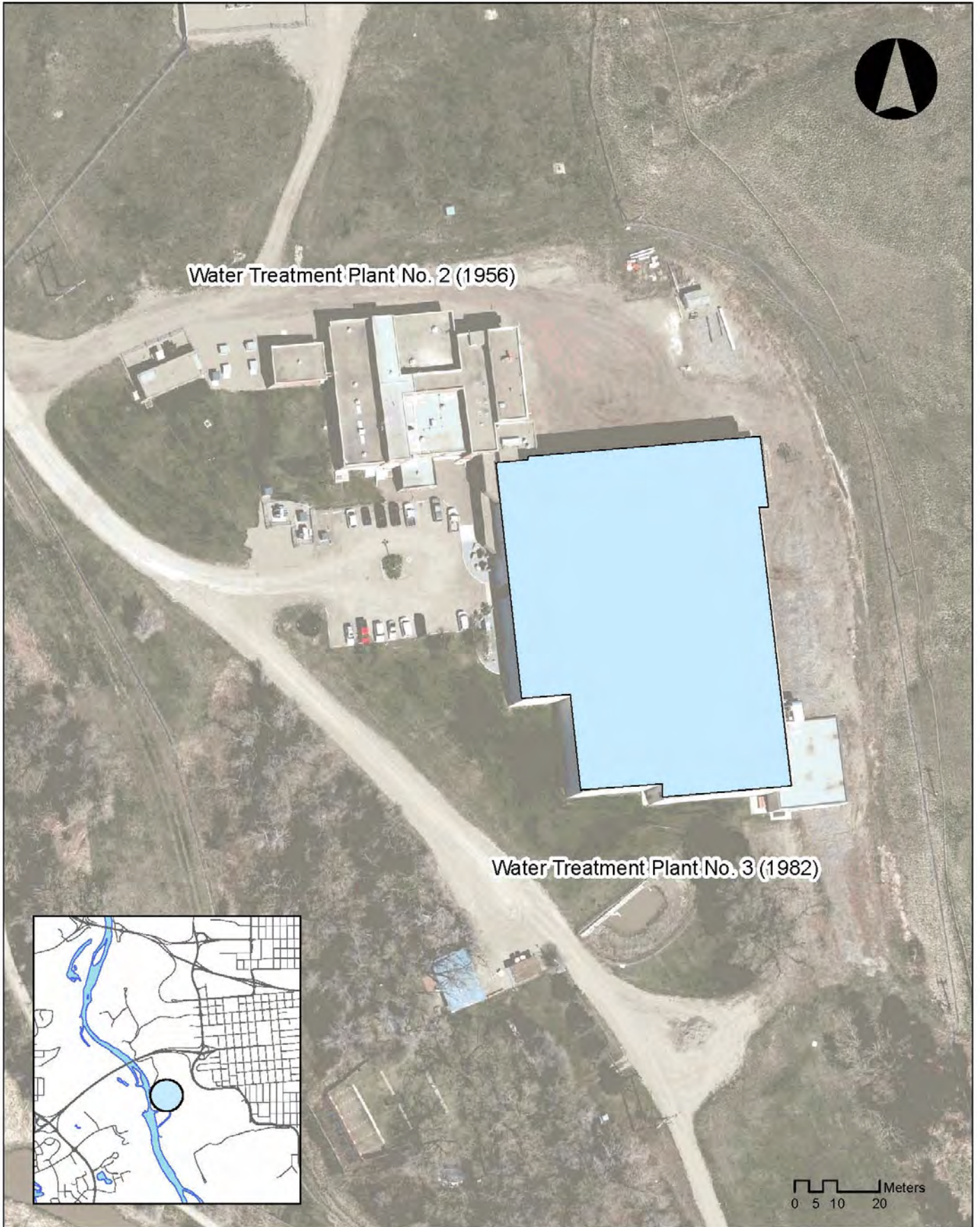
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP Project E - 16 of 2011-2020 (Project Number 130).</p> <p>Excess sludge from the clarifiers, screen backwash, filter backwash water, and filter to waste are presently discharged directly to the Oldman River. These waste streams can impact river water quality. The requirement to complete a river impact assessment and to upgrade the plant to address the impact are regulated in the treatment plant's 2010 Alberta Environment Approval.</p> <p>The river impact study has been completed and discussions are currently underway with Alberta Environment to confirm the required treatment and disposal for each of these waste streams.</p>	<p>This project will:</p> <p>Improve water quality in Oldman River thereby mitigating the impact of the plant waste streams on fish and other aquatic life.</p> <p>Ensure compliance with Alberta Environment regulatory requirements as they appear in the waterwork approval.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		750	4,000	5,000								9,750
Equip. & Furnishings		650	300	50								1,000
		<u>1,400</u>	<u>4,300</u>	<u>5,050</u>								<u>10,750</u>
Total Costs		1,400	4,300	5,050								10,750
Funding												
Borrowing - Utilities		800	3,900	4,650								9,350
Water Capital		600	400	400								1,400
		<u>1,400</u>	<u>4,300</u>	<u>5,050</u>								<u>10,750</u>
Total Funding		1,400	4,300	5,050								10,750
Estimated Debt Charges		0	71	420	835	835	835	835	835	835	835	
Projected Net Operating Costs		50	52	54	56	58	60	63	65	68	71	

Comments



Water Treatment Plant Residuals Management

Major Program: **Water Utility**

Project Title: **Water Treatment High Voltage Upgrades**

Dept - Project #: **283**

Start Year: **2014**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will provide the following upgrades to the plant's high voltage (4160 V) electrical systems:</p> <p>Ability to switch between the plant's two redundant transformers to allow uninterrupted operation of the plant when maintenance is required on a transformer</p> <p>Installation of arc flash windows on the redundant transformers to facilitate scheduled inspections</p> <p>Replacement of buried power cables between the transformers and the plant that are approaching the end of their life expectancy</p>	<p>This project will:</p> <p>Improve reliability</p> <p>Mitigate risk of customer impact of water shortage due to power supply failures</p> <p>Lifecycle renewal of critical equipment</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction		500										500
		500										500
Total Costs		500										500
Funding												
Water Capital		500										500
		500										500
Total Funding		500										500

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Water Treatment Plant High Voltage Upgrades

Major Program: **Water Utility**

Project Title: **Water Treatment Plant SCADA Upgrade**

Dept - Project #: **220**

Start Year: **2013**

End Year: **2015**



Capital Improvement Program
2014 to 2023

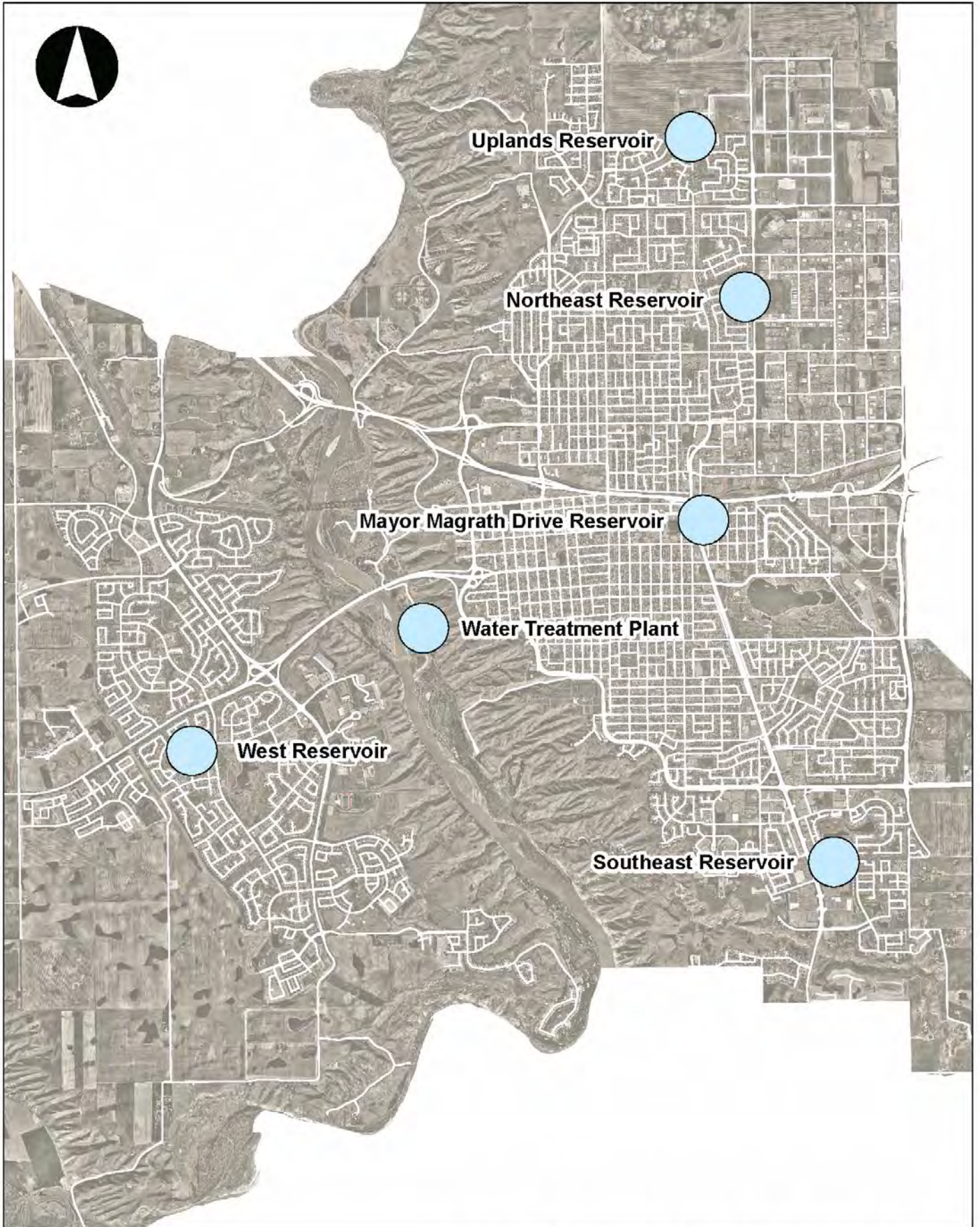
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP Project E - 20 of 2011-2020</p> <p>The SCADA (Supervisory Control and Data Acquisition) system is hardware and software that provides the operators at the water and wastewater treatment plants with real-time and historical information related to the plant operation and process performance.</p> <p>There are thousands of pieces of information including flow rates, tank levels, pump discharge pressures, valve statuses, and water temperature and quality measurements. All of this information is continuously monitored, displayed and recorded by the SCADA system.</p> <p>The system also provides a means for operators in the plant control rooms to control the facilities remotely; like adjusting pump speeds, and opening or closing valves.</p> <p>This upgrade project will replace aging hardware, improve historical data handling, and provide enhancements in the system configuration and security.</p>	<p>This project will:</p> <p>Improve reliability</p> <p>Maintain existing levels of service</p> <p>Lifecycle renewal of a critical system</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	230		625									855
	230		625									855
Total Costs	230		625									855
Funding												
Water Capital	230		625									855
	230		625									855
Total Funding	230		625									855

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Water Treatment Plant SCADA Upgrade

Major Program: **Water Utility**

Project Title: **Water Treatment Plant and Reservoir Security**

Dept - Project #: **202**

Start Year: **2016**

End Year: **2017**



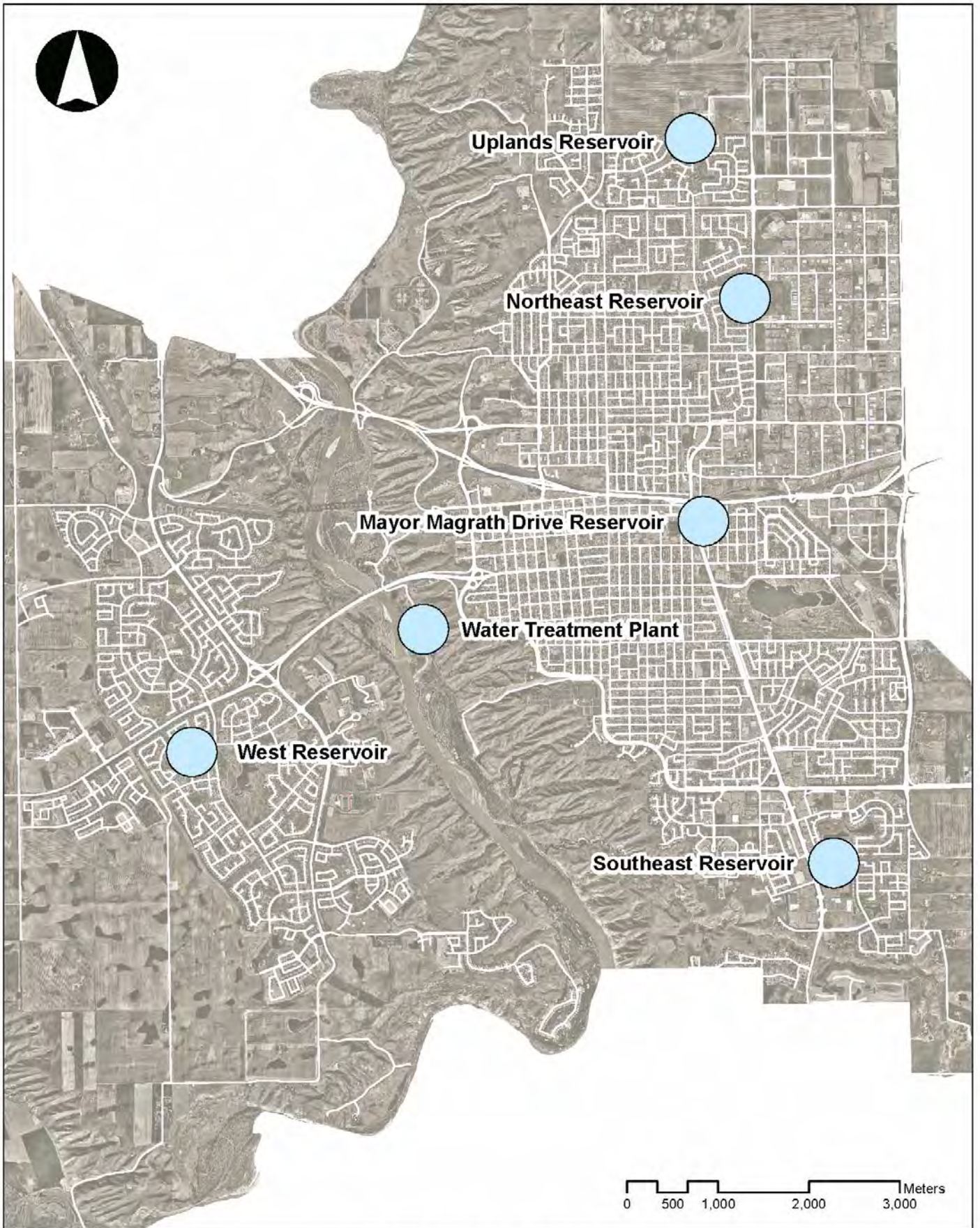
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E - 18 of 2011-2020 (Project Number 202).</p> <p>This project will increase the security at the water treatment plant and reservoirs by providing:</p> <ul style="list-style-type: none"> • Additional fencing • Controlled gates • Interior and exterior video surveillance equipment 	<p>Drinking water systems and wastewater treatment are identified as critical infrastructure within the Alberta Counter Terrorism Crisis Management Plan. The Alberta Security & Strategic Intelligence Support Team (ASSIST) provides recommended responses to threats.</p> <p>This project will:</p> <p>Increase the security of water distribution facilities</p> <p>Prevent intrusion, theft and vandalism</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction				650	675							1,325
				650	675							1,325
Total Costs				650	675							1,325
Funding												
Borrowing - Utilities				650	675							1,325
				650	675							1,325
Total Funding				650	675							1,325
Estimated Debt Charges		0	0	0	145	295	295	295	295	150	0	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Water Treatment Plant and Reservoir Security

Major Program: **Water Utility**

Project Title: **Water Treatment Plant Additional Filters**

Dept - Project #: **289**

Start Year: **2023**

End Year: **2023**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The water treatment plant processes include a filter gallery comprised of 12 filters. The maximum treatment capacity of the 12 filters will be reached at a population of 110,000.</p> <p>This project will consist of the construction of an additional six filters, increasing the treatment capacity of the plant to accommodate the maximum day demand of a population of 165,000.</p> <p>If the proposed design is completed in 2023, then the proposed construction of the additional filters would be completed by 2026.</p>	<p>This project will:</p> <p>Extend the service life of existing infrastructure</p> <p>Maintain existing levels of service</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction											500	500
											500	500
Total Costs											500	500
Funding												
Water Capital											500	500
											500	500
Total Funding											500	500
Estimated Debt Charges												
Projected Net Operating Costs												

<u>Comments</u>



Water Treatment Plant No. 2 (1956)

Existing Filters

Additional Filters

0 5 10 20 Meters

Water Treatment Plant Additional Filters

Major Program: **Urban Development (Offsite Levy)**Project Title: **Metis Trail Deep Utilities (Garry Dr to Whoop Up) Northwest**Dept - Project #: **278A**Start Year: **2012**End Year: **2020**
CITY OF
Lethbridge

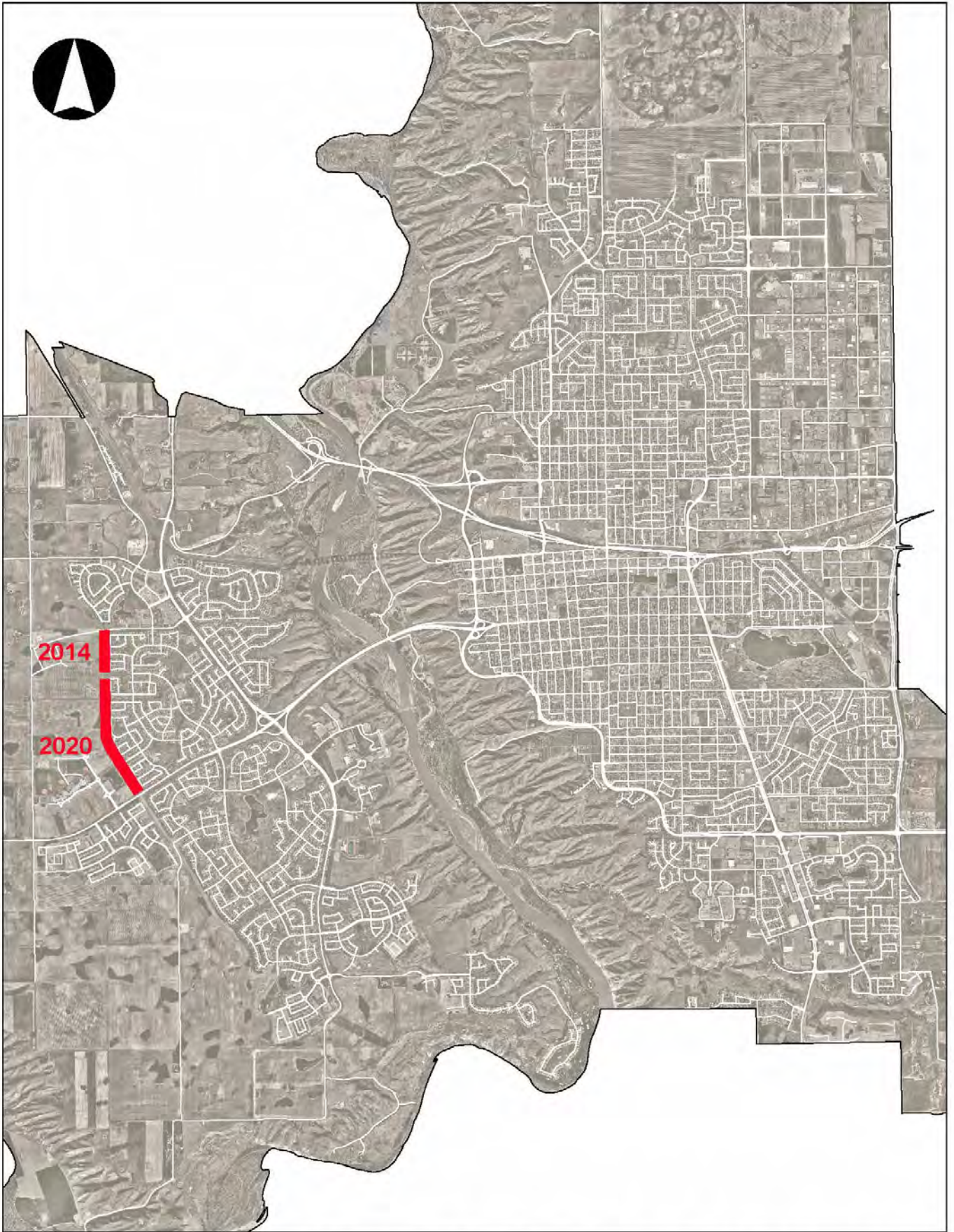
 Capital Improvement Program
 2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will provide the additional wastewater collection capacity required for growth in West Lethbridge.</p> <p>This section of sanitary sewer will allow the diversion of sewage from Copperwood and the Crossings to the Bridge Drive siphon. This will create relief for the existing Whoop Up Drive siphon as well as provide capacity for continued growth in the southern area of West Lethbridge.</p> <p>The project will be completed in coordination with the roadwork construction.</p> <p>2014: Garry Drive to Jerry Potts deep utilities</p> <p>2014/2015: Construction of sanitary sewer Jerry Potts to Whoop Up and Country Meadow Blvd to Tartan Blvd.</p>	<p>The underground infrastructure that provides underground wastewater collection servicing to West Lethbridge was constructed forty years ago. At the present population of West Lethbridge (30,000), this aging infrastructure is operating at capacity.</p> <p>This project will extend existing levels of service, and allow growth and development in the southern areas of West Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	1,500	4,294	2,800									8,594
	1,500	4,294	2,800									8,594
Total Costs	1,500	4,294	2,800									8,594
Funding												
Borrowing - Offsites		4,294										4,294
Offsite Levies	1,500											1,500
Wastewater Capital			2,800									2,800
	1,500	4,294	2,800									8,594
Total Funding	1,500	4,294	2,800									8,594
Estimated Debt Charges		0	395	395	395	395	395	395	395	395	395	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



METIS TRAIL DEEP UTILITIES (GARRY TO WHOOP UP)

Major Program: **Urban Development (Offsite Levy)**

Project Title: **SE Regional Lift Station**

Dept - Project #: **168**

Start Year: **2013**

End Year: **2016**



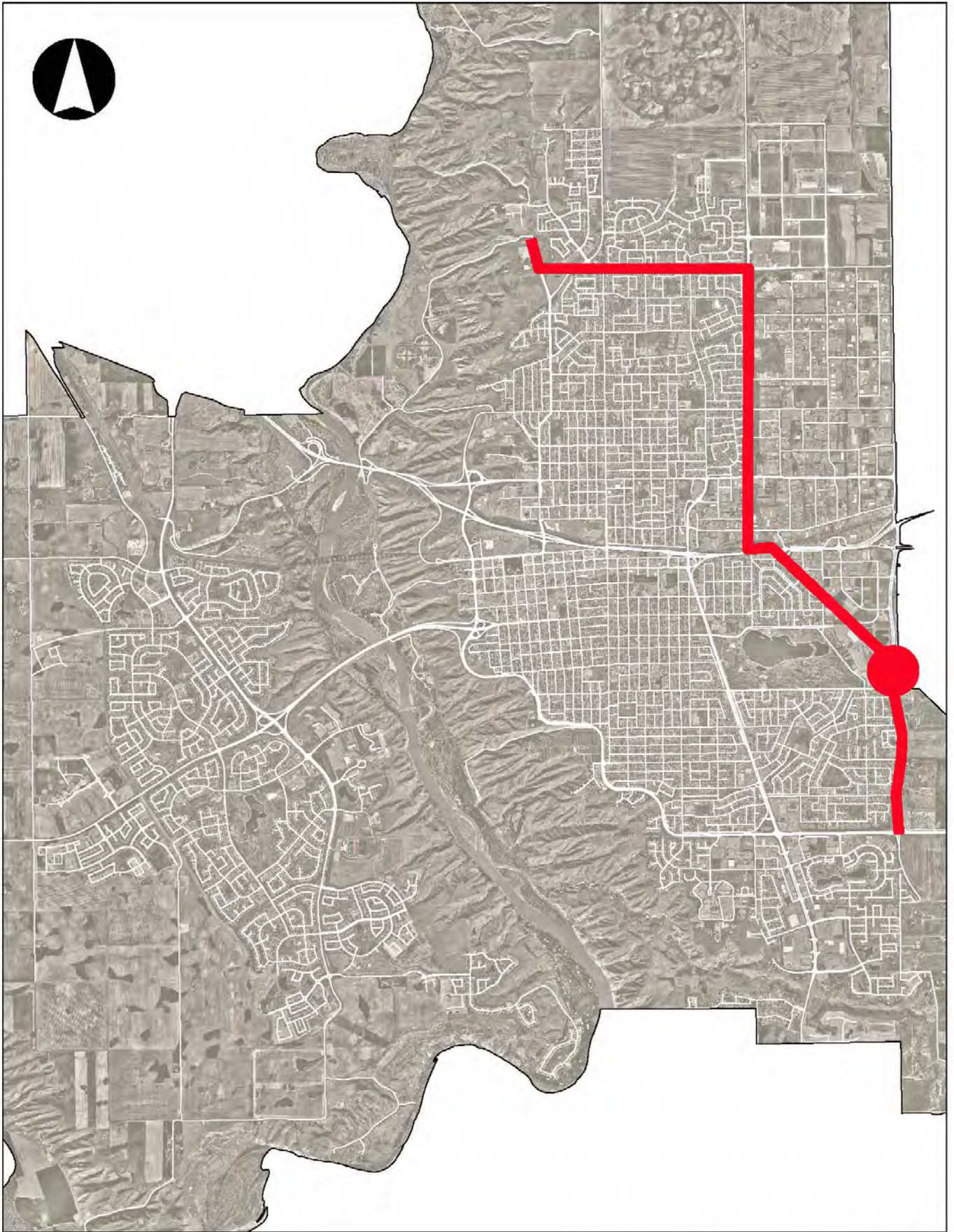
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of existing CIP project E - 15 of 2008-2017.</p> <p>The Southeast Lethbridge Urbanization Plan, completed in 2002, identified the need for a regional sanitary lift station. The lift station is required to service the area east of 43 Street South and south of 10 Avenue South.</p> <p>This project will provide the sanitary sewer capacity required for continued growth of southeast Lethbridge. The project will consist of a wastewater lift station and force main to convey wastewater from southeast Lethbridge, north and west to the wastewater treatment plant.</p> <p>2013: Extend sanitary sewer along 28 Street North from 26 Avenue North to 200 meters south of 18 Street, and 26 Avenue North from 28 Street to 18 Street North. The installation of this sanitary trunk will be in conjunction with the twinning of 28 Street North (2011-2020 CIP C-30) and 26 Avenue North (2011-2020 CIP C-18). Building the pipe before the road construction avoids future increased road restoration and construction cost and inconvenience for road users.</p> <p>2016: Stage 1 of the servicing strategy will include gravity main from the residential area south of 24 Avenue South to a lift station near the intersection of South Parkside Drive and 43 Street. The existing sanitary forcemain along the CPR line will be reused to pump sewage to 2 Avenue North where a tie-in to the existing liftstation will be required.</p> <p>2024: Stage 2 will be required as development in the south east continues and exceeds the capacity available at the 2 Avenue North lift station. It will include the extension of gravity sewer northward from 2 Avenue North along 28 Street North and westward along 26 Avenue North to connect to the north sanitary siphon. The estimated value of Stage 2 is \$6 million (2013 dollars) not including the \$4.4 million prior.</p>	<p>This project will:</p> <p>Allow continued growth and development in southeast Lethbridge.</p> <p>The following resolution was approved on March 4, 2013:</p> <p>BE IT RESOLVED THAT the report from the Administration regarding the 2011-2020 Capital Improvement Program (CIP) amending SE Regional Lift Station, E-28, be received as information and filed:</p> <p>AND FURTHER BE IT RESOLVED THAT Project E-28 of the 2011-2020 Capital Improvement Program be amended by advancing \$4.4 million from 2014-2015 to 2013 allowing the construction of sanitary sewer before twinning sections of 26th Avenue North and 28th Street North, be approved.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		4,400		15,500								19,900
		4,400		15,500								19,900
Total Costs		4,400		15,500								19,900
Funding												
Borrowing - Offsites		4,400		15,500								19,900
		4,400		15,500								19,900
Total Funding		4,400		15,500								19,900
Estimated Debt Charges		0	0	405	1,831	1,831	1,831	1,831	1,831	1,831	1,831	
Projected Net Operating Costs		0	0	0	10	10	11	11	12	12	13	

Comments



SE REGIONAL LIFT STATION

Major Program: **Urban Development (Offsite Levy)**

Project Title: **West Siphon Screen Relocation**

Dept - Project #: **180**

Start Year: **2014**

End Year: **2015**



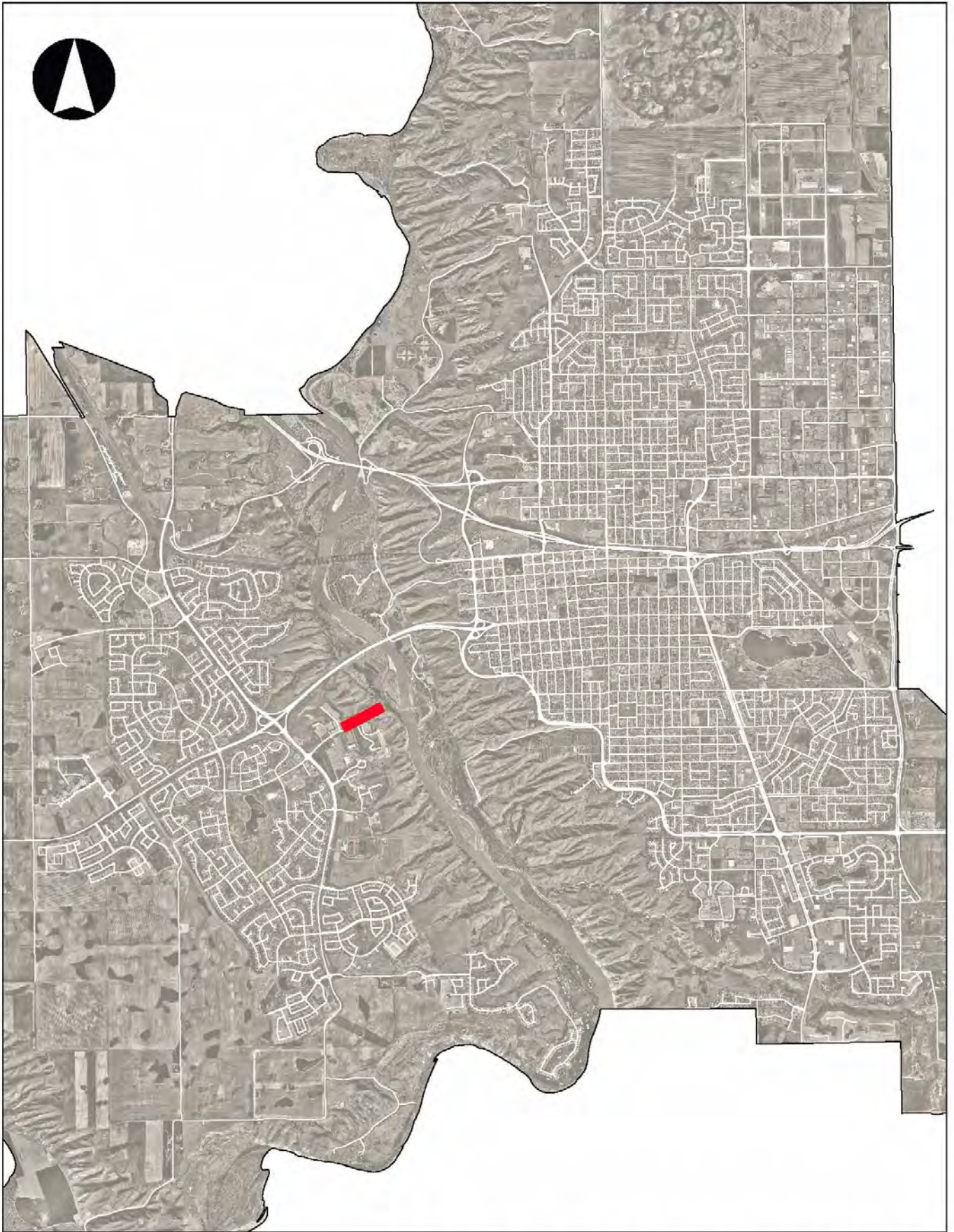
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The existing south siphon is presently operating at full capacity.</p> <p>Relocation of the screen chamber to a higher elevation will increase the capacity of the siphon, without having to install additional pipelines across the river. The increased capacity will allow for continued growth in the southern areas of west Lethbridge.</p>	<p>This project will:</p> <p>Leverage use of existing infrastructure,</p> <p>Extend existing levels of service, and</p> <p>Allow continued growth and development in the southern areas of west Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction		811	844									1,655
		811	844									1,655
Total Costs		811	844									1,655
Funding												
Borrowing - Offsites		811	844									1,655
		811	844									1,655
Total Funding		811	844									1,655
Estimated Debt Charges		0	286	583	583	297	0	0	0	0	0	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



WEST SIPHON SCREEN RELOCATION

Major Program: **Urban Development (Offsite Levy)**

Project Title: **Distribution System Looping**

Dept - Project #: **129**

Start Year: **2008**

End Year: **2014**



Capital Improvement Program
2014 to 2023

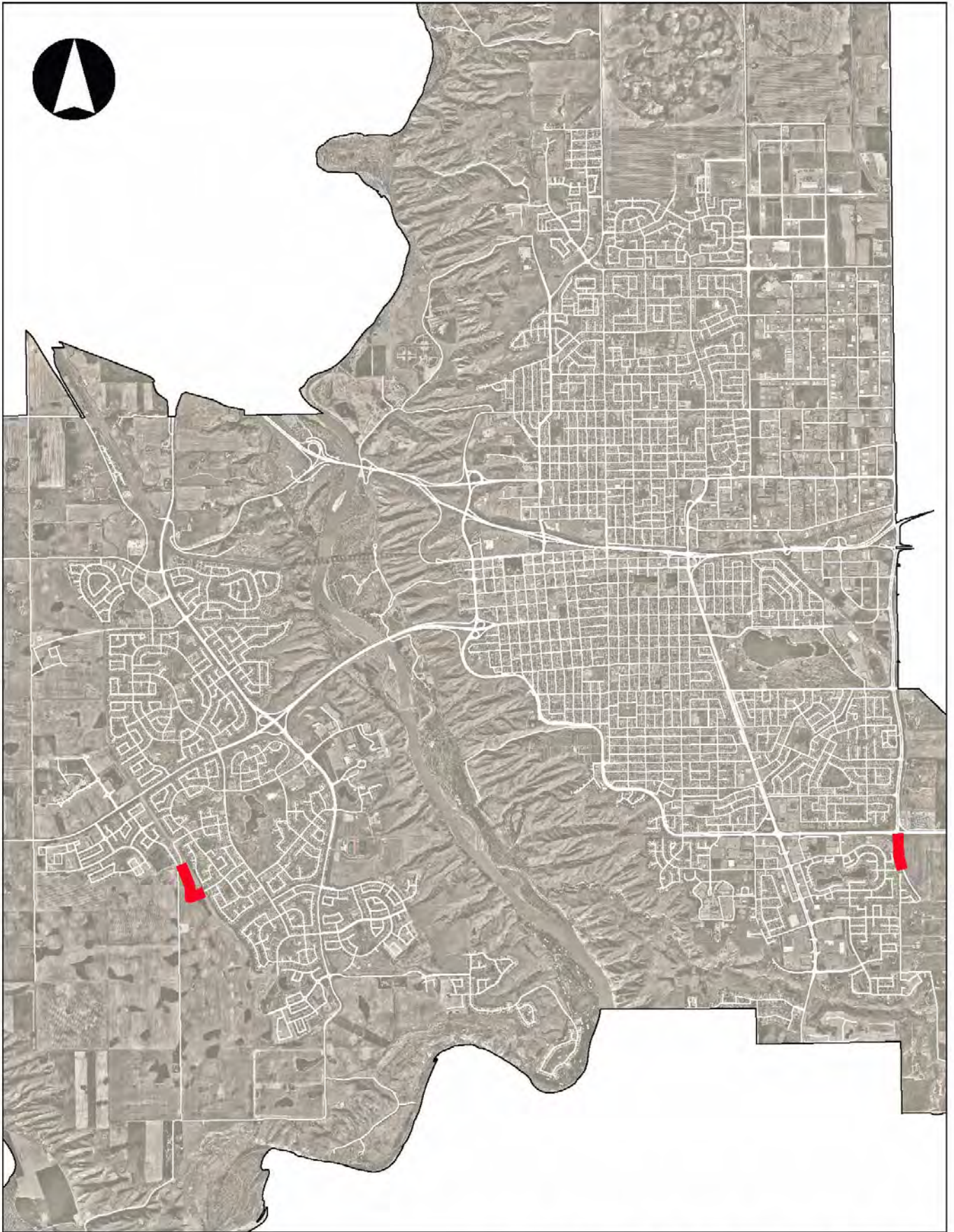
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP Project 2011-2020 E-30.</p> <p>This project consists of extending the existing water distribution system in the following areas:</p> <p>-43rd Street South from 24th Avenue South to Fairmont Gate -Copperwood from Coalbanks Blvd to Metis Trail to Simon Fraser Blvd</p>	<p>This project will:</p> <p>Increase water distribution system reliability,</p> <p>Maintain existing levels of service, and</p> <p>Allow continued growth and development of the City.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction	982	611										1,593
	982	611										1,593
Total Costs	982	611										1,593
Funding												
Offsite Levies	982	611										1,593
	982	611										1,593
Total Funding	982	611										1,593

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



DISTRIBUTION SYSTEM LOOPING

Major Program: **Urban Development (Offsite Levy)**

Project Title: **University Drive (Walsh to Commercial Access) Utility Servicing**

Dept - Project #: **254A**

Start Year: **2016**

End Year: **2016**



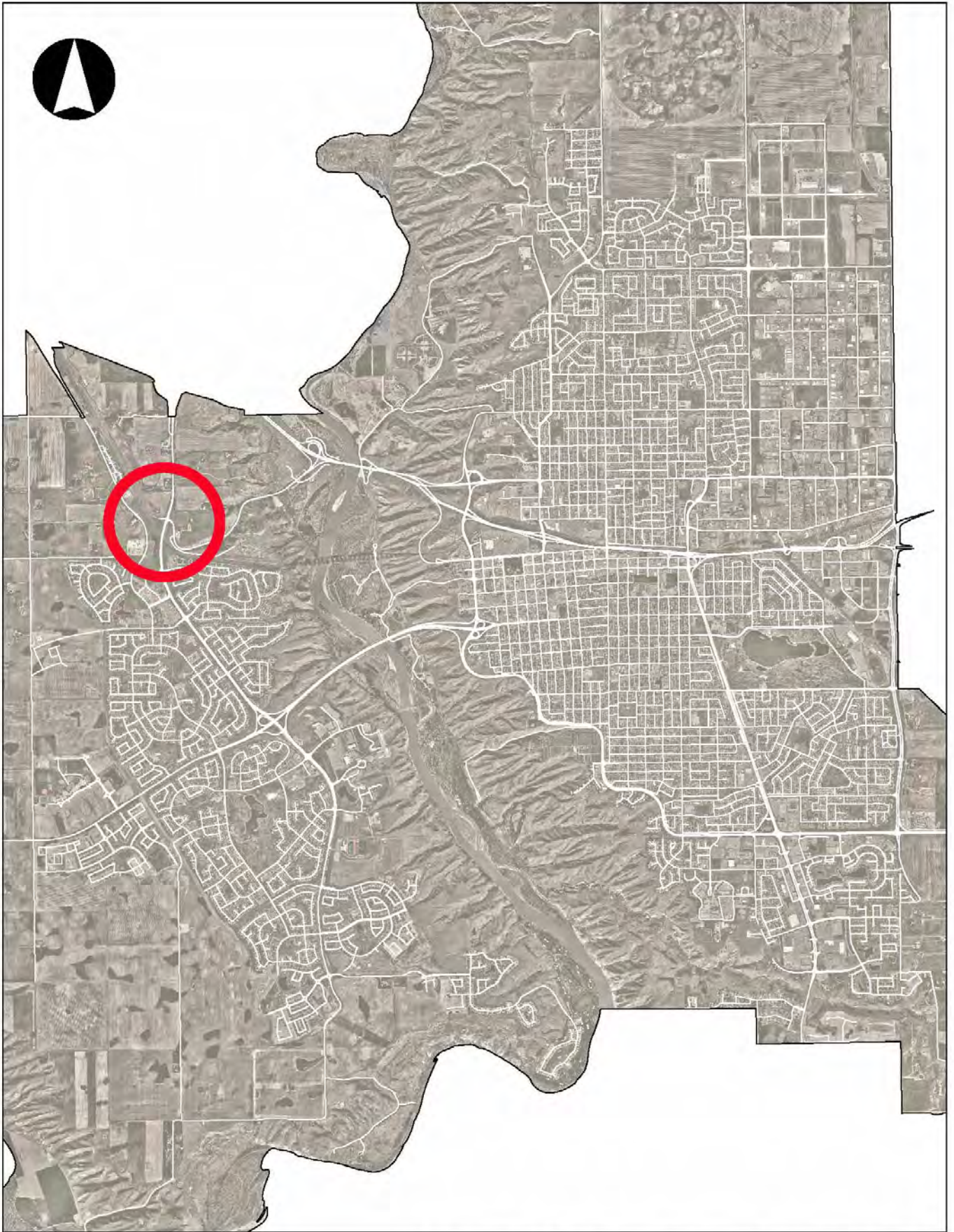
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>New water and wastewater lines are required to continue development in the City's Northwest.</p> <p>2016: Water main and sanitary sewer in University Drive from Walsh Drive to commercial access, linking with University Drive extension road works.</p>	<p>This project extends water and sanitary services into the West Lethbridge Employment Centre allowing for growth.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction				4,894								4,894
				4,894								4,894
Total Costs				4,894								4,894
Funding												
Borrowing - Offsites				4,894								4,894
				4,894								4,894
Total Funding				4,894								4,894
Estimated Debt Charges		0	0	0	1,073	1,073	1,073	1,073	1,073	0	0	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



UNIVERSITY DRIVE UTILITY SERVICING

Major Program: **Urban Development (Offsite Levy)**

Project Title: **28th Street North (Kodiak Gate to BlackWolf) Deep Utilities**

Dept - Project #: **279A**

Start Year: **2017**

End Year: **2017**



CITY OF
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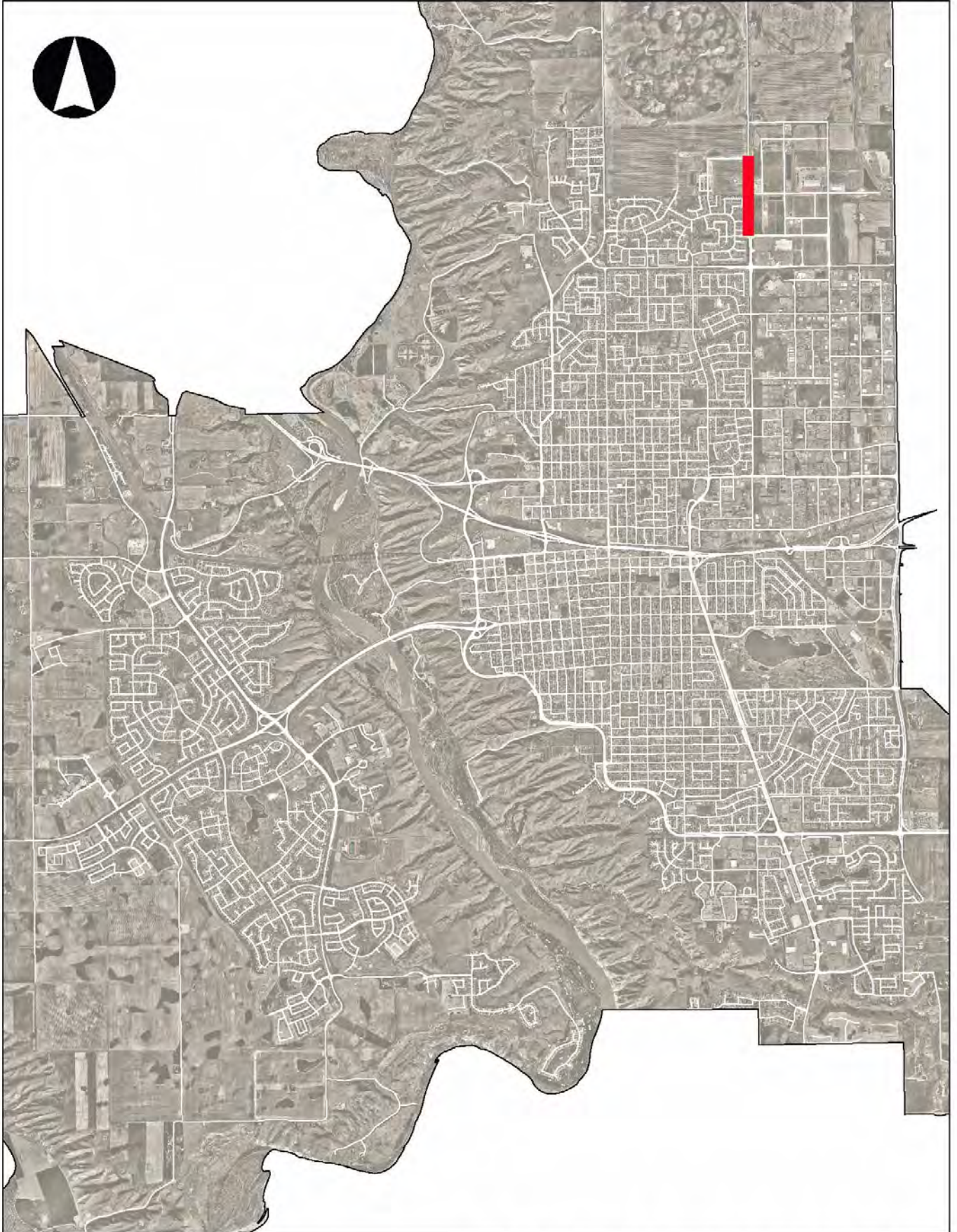
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>28th Street North (Kodiak Gate to BlackWolf deep utilities)</p> <p>The project extends sanitary sewer north from Kodiak Gate to the BlackWolf neighbourhood access on 28th Street North. This project is being completed in conjunction with the road way surface works.</p>	<p>The intent of this project is to plan, design and construct sanitary sewer to accommodate the development of BlackWolf and Sherring commercial and industrial developments.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction					1,770							1,770
					1,770							1,770
Total Costs					1,770							1,770
Funding												
Borrowing - Offsites					1,770							1,770
					1,770							1,770
Total Funding					1,770							1,770
Estimated Debt Charges		0	0	0	0	217	217	217	217	217	217	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



28 STREET NORTH DEEP UTILITIES

Major Program: **Urban Development (Offsite Levy)**

Project Title: **North Sanitary Siphon Twinning**

Dept - Project #: **182**

Start Year: **2018**

End Year: **2019**



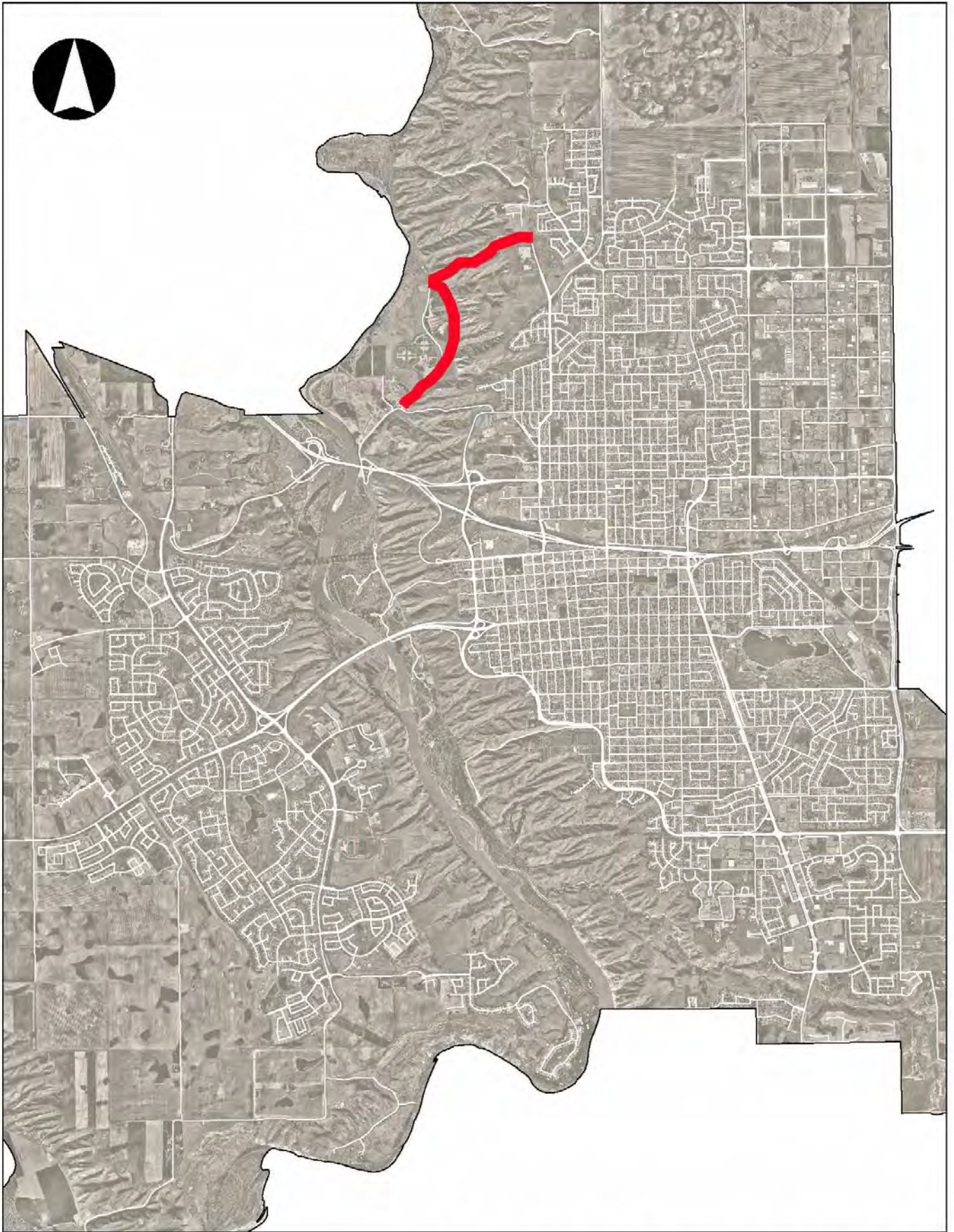
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The existing siphon that provides wastewater collection servicing to north Lethbridge was constructed over thirty years ago. In 2018, the projected population of north Lethbridge will be 30,000 and the existing siphon will be operating at capacity.</p> <p>It is anticipated that development in the southeast Lethbridge area beginning in 2016 will also contribute sewage to this siphon.</p> <p>This project will provide the additional wastewater collection capacity required for growth in the northern areas of north Lethbridge as well as southeast Lethbridge.</p>	<p>This project will:</p> <p>Extend existing levels of service, and</p> <p>Allow growth and development in the northern areas of north Lethbridge and in southeast Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Shareable												
Construction						6,392	6,590					12,982
						6,392	6,590					12,982
Total Costs						6,392	6,590					12,982
Funding												
Borrowing - Offsites						6,392	6,590					12,982
						6,392	6,590					12,982
Total Funding						6,392	6,590					12,982
Estimated Debt Charges		0	0	0	0	0	588	1,194	1,194	1,194	1,194	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

<u>Comments</u>



NORTH SANITARY SIPHON TWINNING

Major Program: **Urban Development (Offsite Levy)**

Project Title: **Walsh & Metis Deep Utilities**

Dept - Project #: **132A**

Start Year: **2018**

End Year: **2018**



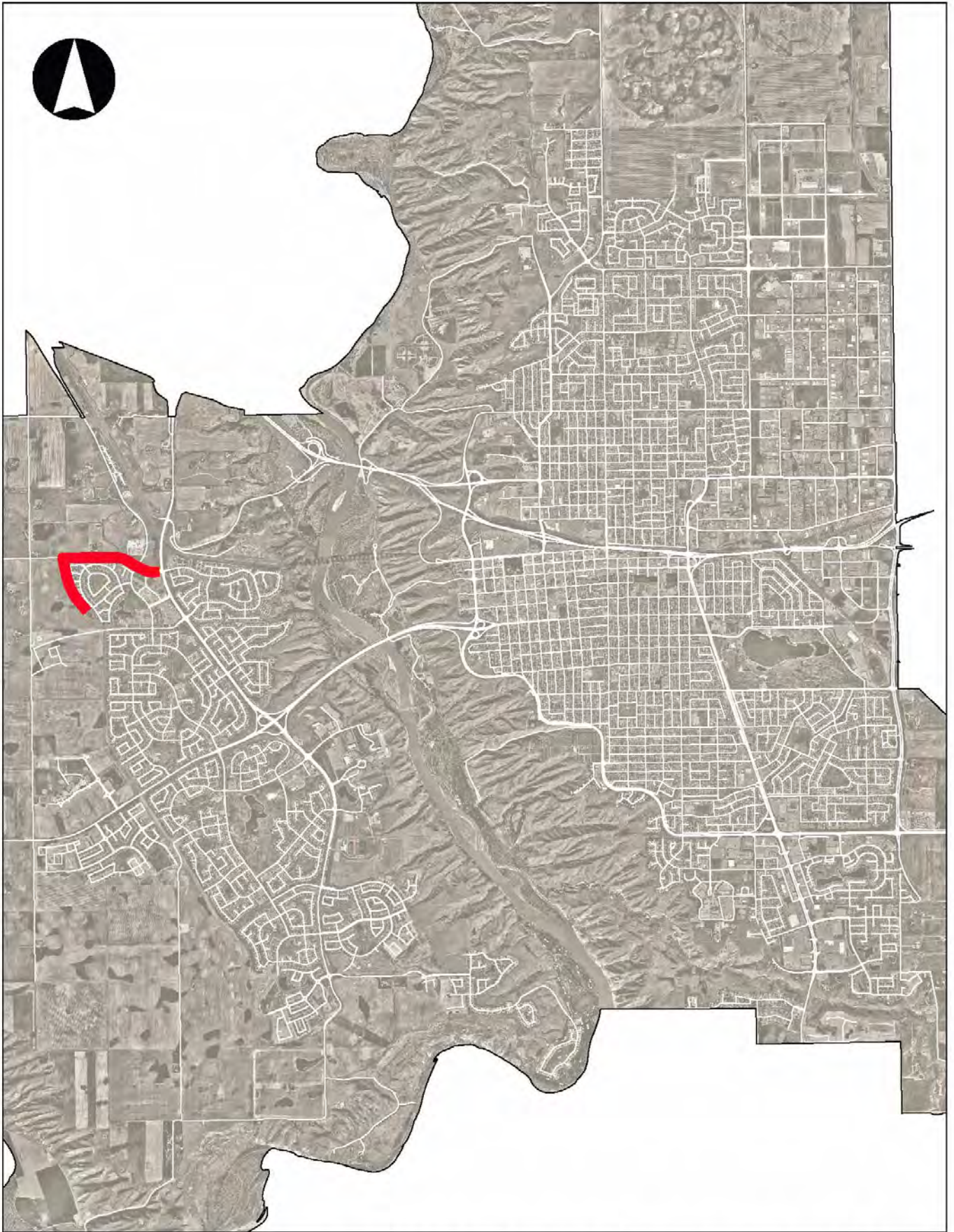
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of existing CIP project E - 25 of 2011-2020.</p> <p>New wastewater lines are required to maintain existing levels of service and allow continued growth in West Lethbridge.</p> <p>This line will be required as development in Garry Station and Country Meadows proceeds and capacity within the existing system is reached.</p> <p>The project will consist of new wastewater pipeline servicing the northern portion of West Lethbridge. Wastewater lines will be extended along Walsh Drive and Metis Trail.</p>	<p>This project will provide sanitary sewer capacity to the northern areas of West Lethbridge allowing for continued growth.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction						5,868						5,868
						5,868						5,868
Total Costs						5,868						5,868
Funding												
Borrowing - Offsites						5,868						5,868
						5,868						5,868
Total Funding						5,868						5,868
Estimated Debt Charges		0	0	0	0	0	1,287	1,287	1,287	1,287	1,287	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



WALSH & METIS DEEP SANITARY AND STORM

Major Program: **Urban Development (Offsite Levy)**

Project Title: **Metis Trail Deep Utilities (Coalbanks to Waterbridge)**

Dept - Project #: **105A**

Start Year: **2022**

End Year: **2022**



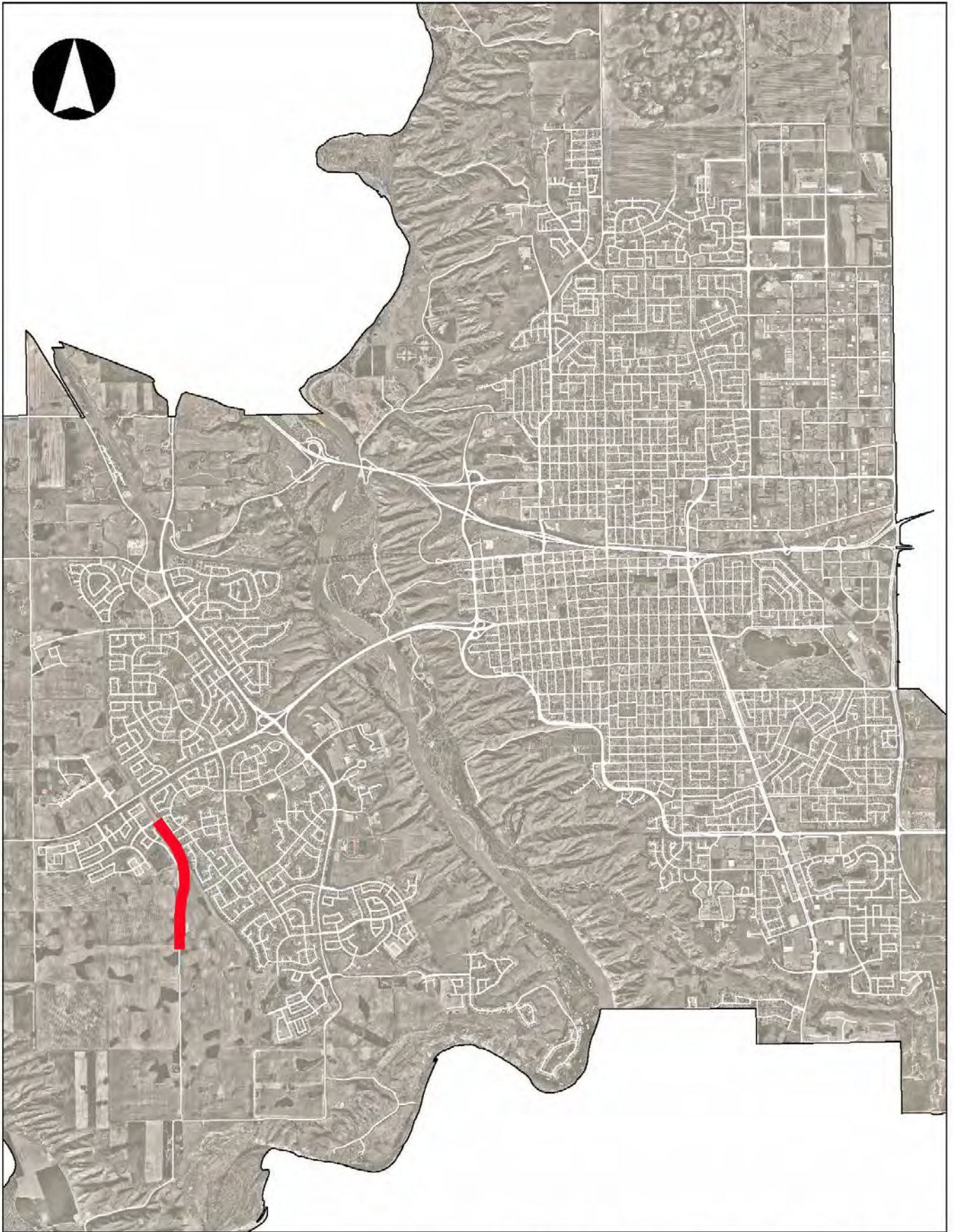
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will provide the additional water distribution and wastewater collection capacity required for growth to begin in Waterbridge.</p> <p>2022: Coalbanks Gates to Waterbridge extension of water distribution and wastewater collection.</p> <p>This project is coordinated with the road construction.</p>	<p>This project will extend water main and wastewater sewer pipe to allow for continued growth in Copperwood stage 2 and the Waterbridge subdivision.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction										5,871		5,871
										5,871		5,871
Total Costs										5,871		5,871
Funding												
Borrowing - Offsites										5,871		5,871
										5,871		5,871
Total Funding										5,871		5,871
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	540	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



METIS TRAIL DEEP UTILITIES (COALBANKS TO WATERBRIDGE)

Major Program: **Urban Development (Offsite Levy)**

Project Title: **43rd St South Underground Utilities (Hwy 4 to Clearview Entrance)**

Dept - Project #: **47A**

Start Year: **2023**

End Year: **2023**



CITY OF
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Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>43rd Street South will need to be extended from Highway 4 to Highway 5 as development proceeds in Southeast Lethbridge. This project is coordinated with the construction of the roadway surface works.</p> <p>2023: 24th Ave to Clearview entrance South - Complete detailed design and install the required underground utilities to accommodate growth in Southeast Lethbridge.</p>	<p>This project extends underground utilities (water, wastewater and stormwater) to provide capacity for continued growth in southeast Lethbridge.</p>

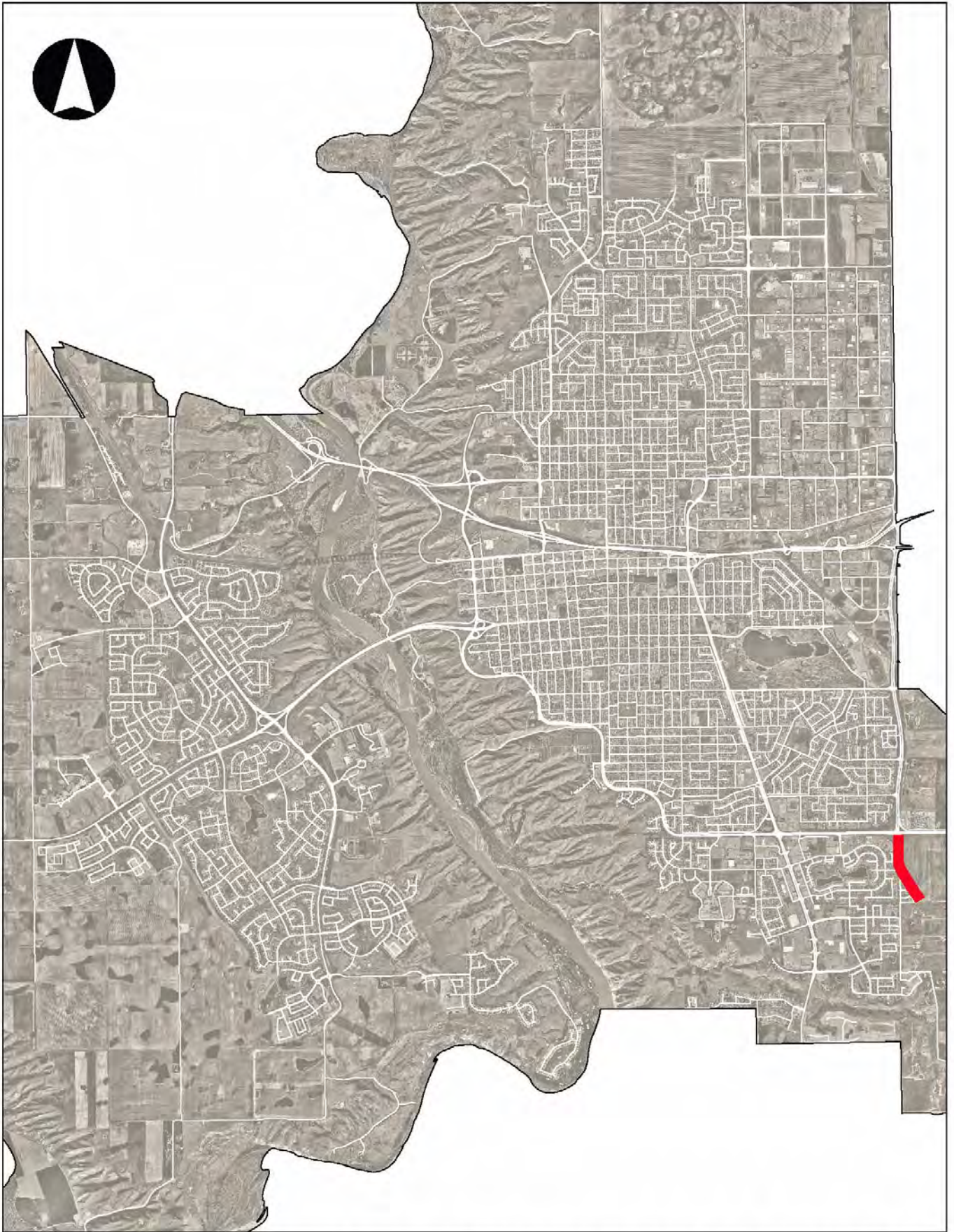
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Construction											3,527	3,527
											3,527	3,527
Total Costs											3,527	3,527
Funding												
Borrowing - Offsites											3,527	3,527
											3,527	3,527
Total Funding											3,527	3,527

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



43 STREET SOUTH UNDERGROUND UTILITIES

**INFRASTRUCTURE
ELECTRIC UTILITY
CAPITAL IMPROVEMENT PROJECTS
2014-2023**

City of Lethbridge
Infrastructure - Electric Utility
Capital Improvement Program 2014 - 2023 Projects
Commencing in the First Four Years

Project Costs	Page	Project Costs				
		2014	2015	2016	2017	2018-2023
All amounts below are in thousands						
Infrastructure - Electric Utility						
<u>Electric - Transmission</u>						
Substations						
Northwest Substation for Additional Capacity	F - 4	9,000	2,730			
Substation Upgrades for Generator Interconnection	F - 5	3,437				
Substation 13.8kV Switchgear Upgrades	F - 6	2,200			2,553 2,660	
Substation Infrastructure (Yard/Building) Upgrades	F - 7	1,200			133	
Substation Metering	F - 8	273	56			
Protection and Control	F - 9			2,100		
		<u>16,110</u>	<u>2,786</u>	<u>2,100</u>	<u>2,553</u>	<u>2,793</u>
Transmission Lines						
Northwest Lethbridge Transmission Line	F - 12	2,500	375			
		<u>2,500</u>	<u>375</u>			
<u>Electric - Distribution</u>						
Distribution						
Distribution Extension Annual Program	F - 14	7,635	8,029	8,429	8,850 63,208	
Infrastructure Replacement Program - Underground	F - 15	5,500	5,776	6,064	6,367 45,472	
Infrastructure Replacement Program - Overhead	F - 16	2,750	2,888	3,032	3,183 22,737	
Secondary Metering (Advanced Meter Infrastructure)	F - 17	2,495	2,495	340	357 3,431	
		<u>18,380</u>	<u>19,188</u>	<u>17,865</u>	<u>18,757</u>	<u>134,848</u>
<u>Electric - Support</u>						
Communications						
Dark Fibre Communications Systems	F - 18	305	614	348	358 1,024	
Electric Systems Communications	F - 19	60	160	35	20 460	
		<u>365</u>	<u>774</u>	<u>383</u>	<u>378</u>	<u>1,484</u>
Other Support						
Facilities & Furnishings Annual Program	F - 20	788			130 780	
Fleet Annual Program	F - 21	516	219	309	432 4,048	
Electric System Environmental Management	F - 22	225	236	248	260 1,860	
Work and Financial Management	F - 23	110	110	195	35	
Facilities Management	F - 24	90	90	90	50 50	
Critical Infrastructure Protection	F - 25	45	55	75	35 421	
Major Tools Annual Program	F - 26	38	100	15	129 774	
		<u>1,812</u>	<u>810</u>	<u>932</u>	<u>1,071</u>	<u>7,933</u>
System Control (SCADA)						
Electric System Control	F - 27	516	10	298	162 20	
		<u>516</u>	<u>10</u>	<u>298</u>	<u>162</u>	<u>20</u>
TOTAL PROJECTS		39,683	23,943	21,578	22,921	147,078
Project Funding						
Borrowing - Utilities		19,395	13,521	8,710	9,145	
Customer Charges		4,532	1,151	1,224	1,281	8,854
Reserve - MRSR		15,756	9,271	11,644	12,495	138,224
TOTAL FUNDING		39,683	23,943	21,578	22,921	147,078

City of Lethbridge
Infrastructure - Electric Utility
Capital Improvement Program 2014 - 2023

		Project Costs											
Page		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
Project Costs		All amounts below are in thousands											
Infrastructure - Electric Utility													
<u>Electric - Transmission</u>													
Substations													
	Northwest Substation for Additional Capacity	F - 4	9,000	2,730								11,730	
	Substation Upgrades for Generator Interconnection	F - 5	3,437									3,437	
	Substation 13.8kV Switchgear Upgrades	F - 6	2,200		2,553	2,660						7,413	
	Substation Infrastructure (Yard/Building) Upgrades	F - 7	1,200			65	68					1,333	
	Substation Metering	F - 8	273	56								329	
	Protection and Control	F - 9			2,100							2,100	
	Substation Transformer Upgrades	F - 10				1,625	1,688			1,875		5,188	
	Substation Breaker and Switches Upgrades	F - 11				195	203					398	
Transmission Lines													
	Northwest Lethbridge Transmission Line	F - 12	2,500	375								2,875	
	138kV Tie Line	F - 13						7,000				7,000	
			18,610	3,161	2,100	2,553	4,545	1,959	7,000	1,875		41,803	
<u>Electric - Distribution</u>													
Distribution													
	Distribution Extension Annual Program	F - 14	7,635	8,029	8,429	8,850	9,293	9,758	10,245	10,757	11,295	11,860	96,151
	Infrastructure Replacement Program - Underground	F - 15	5,500	5,776	6,064	6,367	6,685	7,019	7,371	7,739	8,126	8,532	69,179
	Infrastructure Replacement Program - Overhead	F - 16	2,750	2,888	3,032	3,183	3,343	3,510	3,685	3,870	4,063	4,266	34,590
	Secondary Metering (Advanced Meter Infrastructure)	F - 17	2,495	2,495	340	357	375	588	617	587	616	648	9,118
			18,380	19,188	17,865	18,757	19,696	20,875	21,918	22,953	24,100	25,306	209,038
<u>Electric - Support</u>													
Communications													
	Dark Fibre Communications Systems	F - 18	305	614	348	358	394	315	315				2,649
	Electric Systems Communications	F - 19	60	160	35	20	20	20	20	400			735
Other Support													
	Facilities & Furnishings Annual Program	F - 20	788			130	130	130	130	130	130	130	1,698
	Fleet Annual Program	F - 21	516	219	309	432	637	544	141	1,174	689	863	5,524
	Electric System Environmental Management	F - 22	225	236	248	260	273	287	302	317	332	349	2,829
	Work and Financial Management	F - 23	110	110	195	35							450
	Facilities Management	F - 24	90	90	90	50	50						370
	Critical Infrastructure Protection	F - 25	45	55	75	35	91	225	65	40			631
	Major Tools Annual Program	F - 26	38	100	15	129	129	129	129	129	129	129	1,056
System Control (SCADA)													
	Electric System Control	F - 27	516	10	298	162		20					1,006
			2,693	1,594	1,613	1,611	1,724	1,670	1,102	2,190	1,280	1,471	16,948
TOTAL PROJECTS			39,683	23,943	21,578	22,921	25,965	24,504	30,020	25,143	27,255	26,777	267,789
Project Funding													
	Borrowing - Utilities		19,395	13,521	8,710	9,145							50,771
	Customer Charges		4,532	1,151	1,224	1,281	1,352	1,415	1,482	1,460	1,534	1,611	17,042
	Reserve - MRSR		15,756	9,271	11,644	12,495	24,613	23,089	28,538	23,683	25,721	25,166	199,976
TOTAL FUNDING			39,683	23,943	21,578	22,921	25,965	24,504	30,020	25,143	27,255	26,777	267,789

City of Lethbridge

**Infrastructure - Electric Utility
Capital Improvement Program 2014 - 2023
Net Operating Costs**

Please refer to A-8 for operating cost information related to this section.

Net operating costs would include personnel costs, additional maintenance cost, and/or additional utility cost if applicable.



Major Program: **Substations**

Project Title: **Northwest Substation for Additional Capacity**

Dept - Project #: **TS10**

Start Year: **2014**

End Year: **2015**



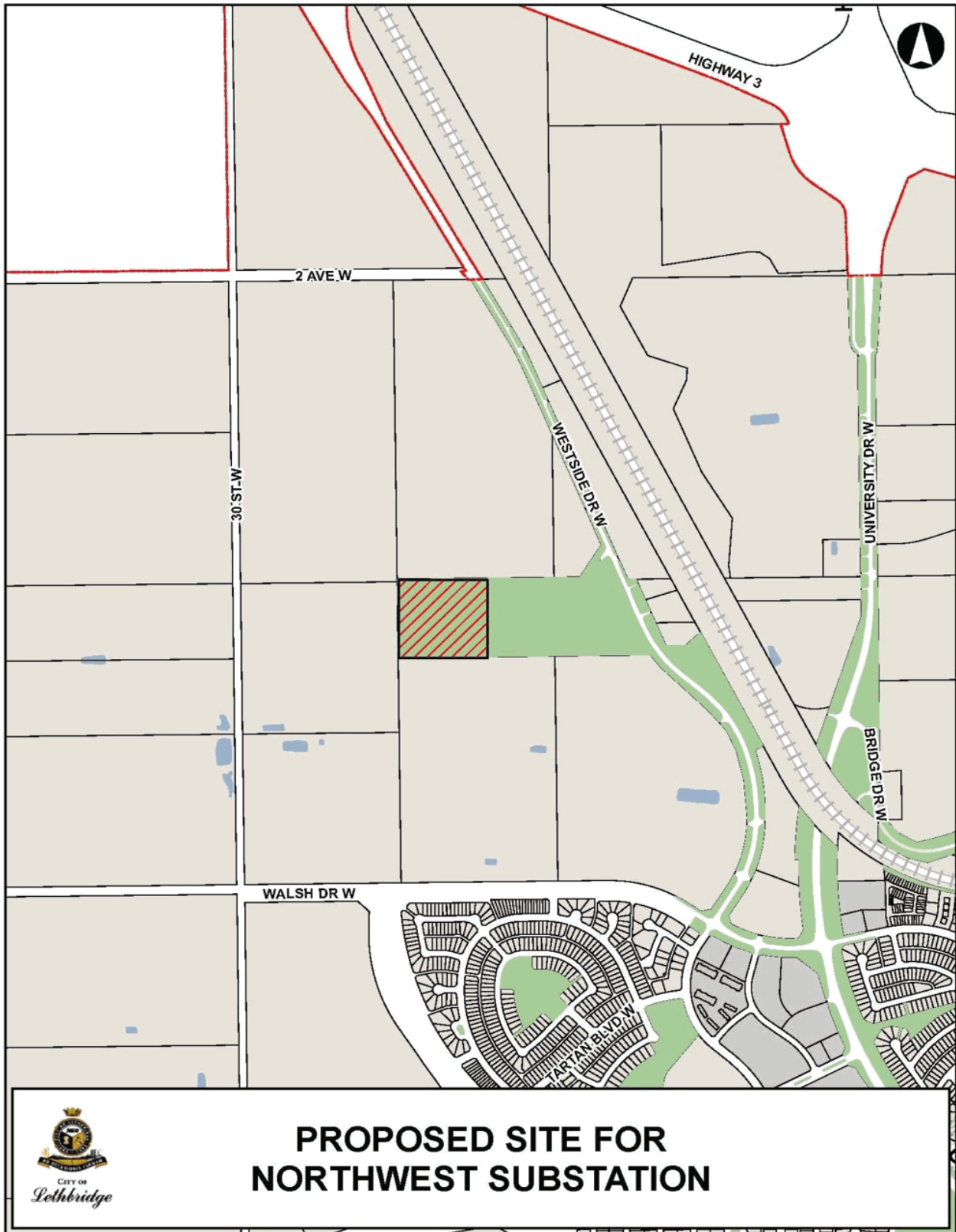
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current project and program requirements:</p> <p>2015 New Point of Delivery Substation in North West Lethbridge.</p>	<p>Increasing electrical load in West Lethbridge will require a second point of delivery substation to be completed in spring of 2015.</p> <p>Original development will be a standard substation layout with 2 lines of 138 kV supply and a 138 to 13.8 kV substation with a single 18/24/30 MVA transformer and 8 feeder breakers to connect to the distribution system. This facility is being proposed in the new West Lethbridge Employment Center .</p> <p>Plans for this substation addition began with Alberta Electric System Operator (AESO) in 2011 and continues to progress. The current plan is to file application for the substation facility with the Alberta Utilities Commission (AUC) by mid 2013. If the application is approved, we would receive permission from the AUC to proceed with design by the end of 2013.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		9,000	2,730									11,730
		9,000	2,730									11,730
Total Costs		9,000	2,730									11,730
Funding												
Borrowing - Utilities		9,000	2,730									11,730
		9,000	2,730									11,730
Total Funding		9,000	2,730									11,730
Estimated Debt Charges		0	804	1,047	1,047	1,047	1,047	1,047	1,047	1,047	1,047	
Projected Net Operating Costs		0	0	100	105	110	116	122	128	134	141	

Comments



Major Program: **Substations**

Project Title: **Substation Upgrades for Generator Interconnection**

Dept - Project #: **TS11**

Start Year: **2010**

End Year: **2014**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2014 Construct new substation required to interconnect proposed 150 MW gas fired power plant by Oldman Power Group in Sherring Industrial Park.</p> <p>2014 Construct transmission line spans into new substation from existing City of Lethbridge 138 kV transmission lines.</p>	<p>Dependent on the Oldman Power Group (Generator) decision to interconnect to the City of Lethbridge transmission system in the Sherring Industrial Park area, the City would receive Alberta Electric System Operator (AESO)/ Alberta Utilities Commission (AUC) direction to build facilities (new substation and transmission line extension) to provide access to the provincial power grid. This would include all yard, steel structures, buswork, switches, and protection and control infrastructure to accommodate the interconnection.</p> <p>This project would be fully funded by the generator should they decide to proceed with the interconnection and City of Lethbridge transmission system. Although the City of Lethbridge would be responsible for the design, construction, and commissioning of the new facilities, these activities would only take place after full security was in place with the Generator.</p>

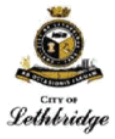
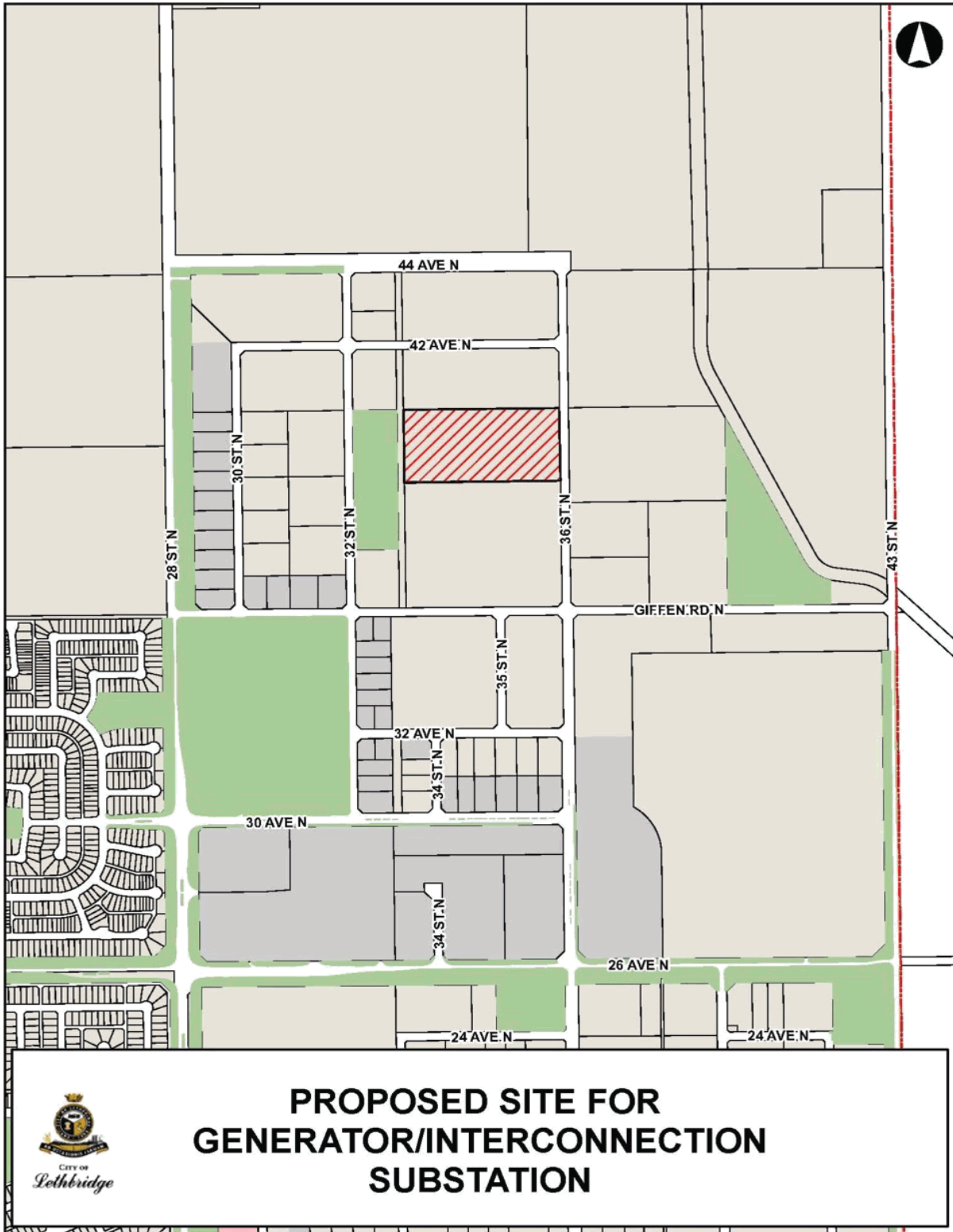
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions	1,733	3,437										5,170
	1,733	3,437										5,170
Total Costs	1,733	3,437										5,170
Funding												
Customer Charges	1,733	3,437										5,170
	1,733	3,437										5,170
Total Funding	1,733	3,437										5,170

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



**PROPOSED SITE FOR
GENERATOR/INTERCONNECTION
SUBSTATION**

Major Program: **Substations**

Project Title: **Substation 13.8kV Switchgear Upgrades**

Dept - Project #: **TS07**

Start Year: **2008**

End Year: **2018**



Capital Improvement Program
2014 to 2023

Description & Location	Purpose & Justification
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2014 Substation 241S, Upgrade 13.8kV Switchgear Equipment</p> <p>2017 Substation 146S, Upgrade 13.8kV Switchgear Equipment</p> <p>2018 Substation 593S, Upgrade 13.8kV Switchgear Equipment</p>	<p>Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. The transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>This program is responsible for insuring that the switching functionality connecting the substation and distribution system is kept up to modern standards and can be efficiently supported by Electric Operations maintenance activities. In general, switchgear assemblies are supported by vendors for a 30 year time frame. This program will replace switchgear assemblies that have come to end of life.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Upgrading		450										450
Replacements		158	2,200		2,553	2,660						7,571
		608	2,200		2,553	2,660						8,021
Total Costs		608	2,200		2,553	2,660						8,021
Funding												
Reserve - MRSR		608	2,200		2,553	2,660						8,021
		608	2,200		2,553	2,660						8,021
Total Funding		608	2,200		2,553	2,660						8,021

Estimated Debt Charges
Projected Net Operating Costs

Comments



Major Program: **Substations**

Project Title: **Substation Infrastructure (Yard/Building) Upgrades**

Dept - Project #: **TS05**

Start Year: **2014**

End Year: **2019**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2014 Substation 111S, Upgrades to foundations 2018 Substation 146S, Upgrade roof of control building 2019 Substation 593S, Upgrade roof of control building</p>	<p>Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. The transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>This transmission program involves all changes or upgrades required to substation yards, fences, buildings and associated equipment. Other than the standard (building code) electrical contained in the building, it typically does not include electrical work.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Upgrading		1,200				65	68					1,333
		1,200				65	68					1,333
Total Costs		1,200				65	68					1,333
Funding												
Reserve - MRSR		1,200				65	68					1,333
		1,200				65	68					1,333
Total Funding		1,200				65	68					1,333

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



EXAMPLE OF A SUBSTATION YARD

Major Program: **Substations**

Project Title: **Substation Metering**

Dept - Project #: **TS03**

Start Year: **2005**

End Year: **2015**



Capital Improvement Program
2014 to 2023

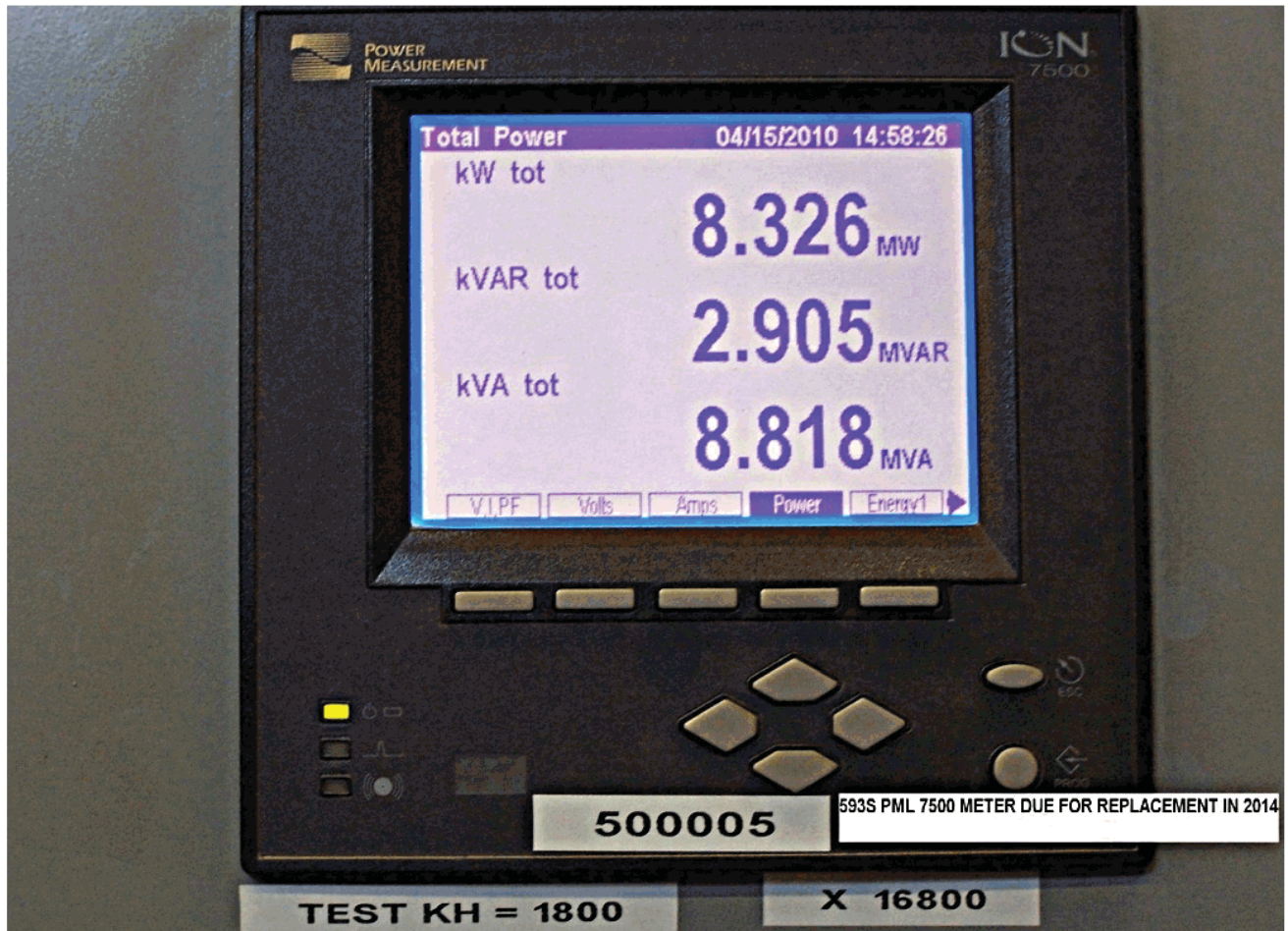
Description & Location	Purpose & Justification
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2014 All Substations, Replace existing metering (end of life).</p>	<p>Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. The transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>Substation metering provides the information required for the AESO (Alberta Electric System Operator) to accurately bill the City of Lethbridge for transmission access. In addition, the information provided is essential in managing transmission assets.</p> <p>Federal government regulations require testing or replacement of substation metering every 7 to 8 years. Provincial standards require testing (and potential replacement) every 2 or 3 years.</p> <p>Replacement of substation metering is estimated to be required in 2014 but will actually occur when necessary (as test results indicate the need).</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Upgrading	85											85
Replacements		273	56									329
	85	273	56									414
Total Costs	85	273	56									414
Funding												
Reserve - MRSR	85	273	56									414
	85	273	56									414
Total Funding	85	273	56									414

Estimated Debt Charges
Projected Net Operating Costs

Comments



Major Program: **Substations**

Project Title: **Protection and Control**

Dept - Project #: **TS01**

Start Year: **2016**

End Year: **2016**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2016 Substation 111S, Replace existing P&C equipment (end of life)</p>	<p>Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. The transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>Protection and Control encompasses equipment that is utilized for the purposes of providing control, operation and observation of the status of the transmission system. It includes equipment such as SCADA (supervisory, control and data acquisition), RTU (Remote Terminal Unit), station metering equipment, protective relaying equipment and all associated low voltage wiring.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Replacements				2,100								2,100
				2,100								2,100
Total Costs				2,100								2,100
Funding												
Reserve - MRSR				2,100								2,100
				2,100								2,100
Total Funding				2,100								2,100

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Substations**

Project Title: **Substation Transformer Upgrades**

Dept - Project #: **TS04**

Start Year: **2018**

End Year: **2022**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2018 Substation 241S, Replace transformer T1 (end of life) 2019 Substation 241S, Replace transformer T2 (end of life) 2022 Substation 674S, Replace transformer T1 (end of life)</p>	<p>Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. The transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>The Transformer Upgrade program provides for the repair and/or replacement of the large power transformers located in each substation. In some instances, these transformers may have a 30 to 50 year life depending on operating circumstances and loading.</p> <p>Testing and monitoring of these critical transformers is done on a regular basis, and the test and monitor results form the basis for decisions involving the replacement of the transformers.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Replacements						1,625	1,688			1,875		5,188
						1,625	1,688			1,875		5,188
Total Costs						1,625	1,688			1,875		5,188
Funding												
Reserve - MRSR						1,625	1,688			1,875		5,188
						1,625	1,688			1,875		5,188
Total Funding						1,625	1,688			1,875		5,188

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Major Program: **Substations**

Project Title: **Substation Breaker and Switches Upgrades**

Dept - Project #: **TS06**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2018 Substation 146S, Upgrade motorized disconnect switches. 2019 Substation 593S, Upgrade motorized disconnect switches.</p>	<p>Substations convert the high transmission voltage to the lower distribution voltage provided to all users within the City of Substations convert the high transmission voltage (138,000 volts) to a lower distribution voltage (13,800 volts) – which then provides power to all users within the City of Lethbridge. Transmission plant owned by the City of Lethbridge is considered part of the Alberta Interconnected Electric System and is subject to AESO (Alberta Electric System Operator) and AUC (Alberta Utilities Commission) approvals.</p> <p>This program is responsible to insure that devices used to make and break connection with the 138 kV transmission system are kept up to modern standards and can be efficiently supported by Electric Operations maintenance activities. In most cases this program will replace circuit breakers and disconnect switches that have come to end of life.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Replacements						195	203					398
						195	203					398
Total Costs						195	203					398
Funding												
Reserve - MRSR						195	203					398
						195	203					398
Total Funding						195	203					398

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Transmission Lines**

Project Title: **Northwest Lethbridge Transmission Line**

Dept - Project #: **TS12**

Start Year: **2014**

End Year: **2015**



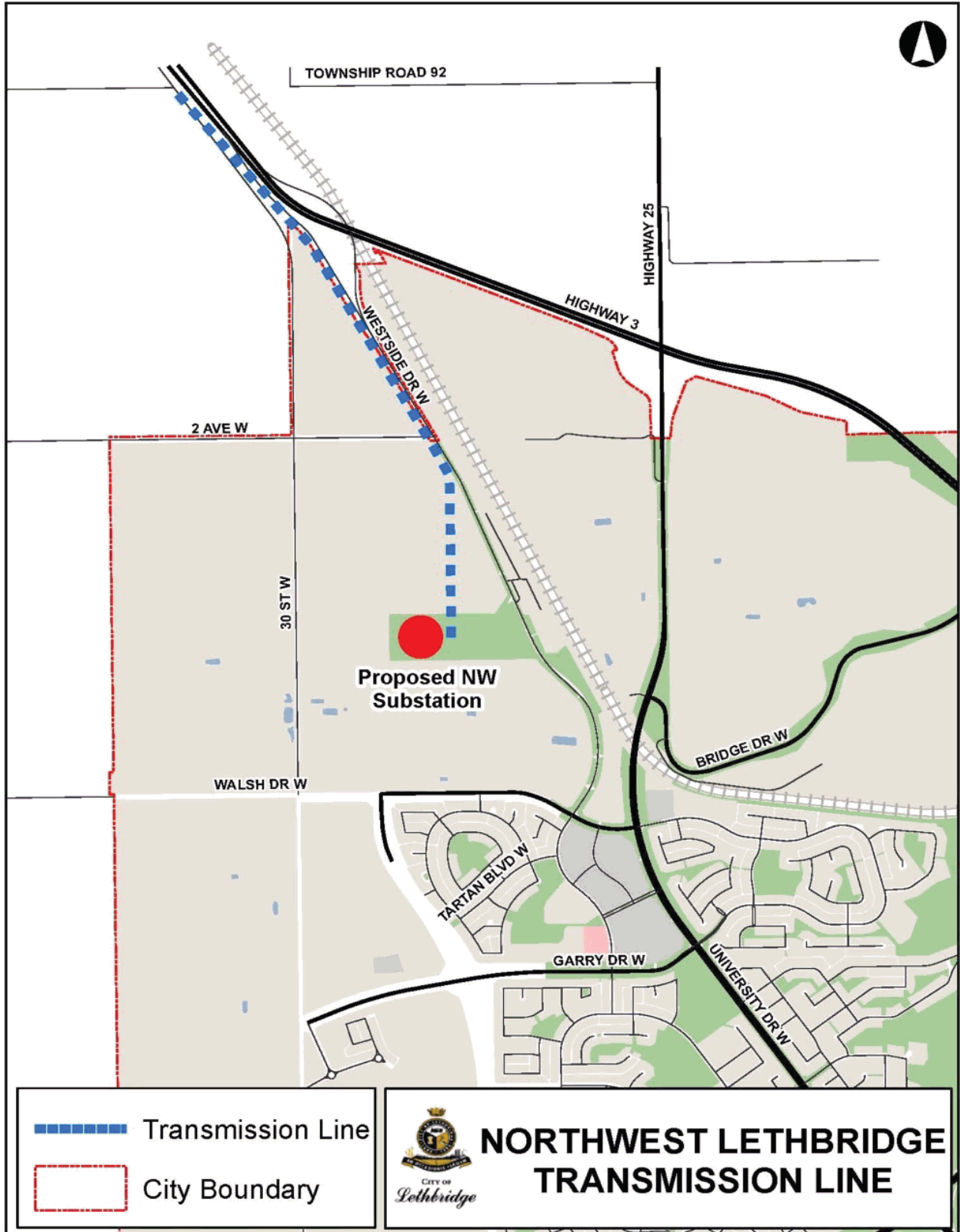
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission Line to supply new Point of Delivery substation in NW Lethbridge.</p> <p>Current Project and Program Requirements:</p> <p>2015 Transmission Line, line to supply new Point of Delivery Substation in North West Lethbridge.</p>	<p>Increasing electrical load in West Lethbridge will require a second point of delivery substation to be completed in spring of 2015.</p> <p>A new transmission line connection to the proposed point of delivery substation in the West Lethbridge Employment Centre is required. The new line would connect to an existing Altalink 138 kV transmission line located just outside the northwest city limits and bring 138 kV service to the new point of delivery.</p> <p>Plan for this transmission line addition began with Alberta Electric System Operator (AESO) in 2011 and continues to progress. The current plan is to file an application for the line with the Alberta Utilities Commission (AUC) by mid 2013. If the application is approved we would receive permission from the AUC to proceed with design by the end of 2013.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		2,500	375									2,875
		2,500	375									2,875
Total Costs		2,500	375									2,875
Funding												
Reserve - MRSR		2,500	375									2,875
		2,500	375									2,875
Total Funding		2,500	375									2,875
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	20	21	22	23	24	26	27	28	

Comments



Major Program: **Transmission Lines**

Project Title: **138kV Tie Line**

Dept - Project #: **TS14**

Start Year: **2020**

End Year: **2020**



CITY OF
Lethbridge

Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Transmission is defined in the Electric Utility Act as plant and equipment that operates at a voltage greater than 25 kV. The City of Lethbridge has 5 main substations (“Points of Delivery”) and approximately 35 km of transmission lines that operate at 138 kV and interface with the provincial electricity grid.</p> <p>Transmission Substations are entitled: 111S (River bottom – 19 Botteril Bottom Road S.) 146S (Industrial Park – 4115 9th Ave. N.) 241S (Industrial Park – 4357 32nd Street N.) 593S (S.E. Lakeview – 2275 43rd Street S.) 674S (West Side – 3555 25th Street W.)</p> <p>Current Project and Program Requirements:</p> <p>2020 Transmission Line, New 138kV connection between new North West substation and Bowron 674S.</p>	<p>This line would supplement 725LW and provide an improved source to City of Lethbridge Substations in West Lethbridge. Line would follow future Chinook Trail ROW from 674S Bowron to NW Lethbridge Site.</p> <p>The requirement for this substation will be made either by AESO or by Distribution Design (depending on timing and other considerations). Alternatively, if a new switching point is required, then AESO will make that determination.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions								7,000				7,000
								7,000				7,000
Total Costs								7,000				7,000
Funding												
Reserve - MRSR								7,000				7,000
								7,000				7,000
Total Funding								7,000				7,000

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Distribution**

Project Title: **Distribution Extension Annual Program**

Dept - Project #: **DA01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the extension and improvement of the electric distribution system. It also provides for the acquisition of distribution lines within the service area of the City of Lethbridge as the City develops into those areas serviced by Fortis Canada.</p> <p>Currently there are 775 km of 13.8 kV primary lines, 1,050 km of secondary lines, 550 km of lighting secondary lines, 4,000 transformers, and 2,500 items of associated equipment.</p> <p>Program requires an average of 3.5% - 5% in new investment annually. Annual program reinvestment forecast is based on annual plant depreciation of 3.5%.</p> <p>Program Projects: Distribution Operation upgrades New Commercial New Residential Line Purchases in outlying areas Accommodate Projects from Other Departments New Substation Feeders Renewal of Expired Assets Safety Related upgrades Miscellaneous New CCT from 111S tied to 593S Extend 593-8 Line to SixMile Coulee Installation of Additional SCADA Controlled Switches Upgrade undersized conductors</p>	<p>As a wire owner under the Electric Utility Act, the City of Lethbridge is responsible to provide Electric Distribution services to the residents of Lethbridge. Primary lines are extended into newly developed areas within the City. Transformers are installed and connected to the primary extensions to provide for household and commercial usages. Shared single and three phase transformers are provided to customers that can utilize a common service voltage. Dedicated three phase transformers are provided to customers with special requirements. Secondary lines and enclosures are extended from shared transformers in newly developed areas to the property line. In residential developments the City also extends the service on property to the meter base. Lighting secondary extends to each lighting base but does not include the base, pole, head or other associated equipment.</p> <p>Improvements and replacements to the system are required to ensure the integrity and reliability of the system, public safety and to meet changes to technical or regulatory requirements and to match increased loading.</p> <p>Load growth is the driver for new installations. Detail planning and construction is typically done in the same year as the development once the developer finalizes the sizing and voltage requirements. Developer input and engineering determine sizing. Improvements and replacements are driven by load growth, technical changes and replacement of deteriorated equipment. Improvements are determined by load research and testing. Improvements are typically planned 1 or 2 years prior to construction. Funding for plant expansion is partially provided as contributions by the developer with the balance invested from the MRSR.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Extension		5,350	5,628	5,909	6,204	6,515	6,841	7,182	7,542	7,919	8,315	67,405
Line Upgrading		2,285	2,401	2,520	2,646	2,778	2,917	3,063	3,215	3,376	3,545	28,746
		<u>7,635</u>	<u>8,029</u>	<u>8,429</u>	<u>8,850</u>	<u>9,293</u>	<u>9,758</u>	<u>10,245</u>	<u>10,757</u>	<u>11,295</u>	<u>11,860</u>	<u>96,151</u>
Total Costs		7,635	8,029	8,429	8,850	9,293	9,758	10,245	10,757	11,295	11,860	96,151
Funding												
Customer Charges		685	723	758	796	837	879	922	968	1,017	1,068	8,653
Reserve - MRSR		6,950	7,306	7,671	8,054	8,456	8,879	9,323	9,789	10,278	10,792	87,498
		<u>7,635</u>	<u>8,029</u>	<u>8,429</u>	<u>8,850</u>	<u>9,293</u>	<u>9,758</u>	<u>10,245</u>	<u>10,757</u>	<u>11,295</u>	<u>11,860</u>	<u>96,151</u>
Total Funding		7,635	8,029	8,429	8,850	9,293	9,758	10,245	10,757	11,295	11,860	96,151

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Distribution**

Project Title: **Infrastructure Replacement Program - Underground**

Dept - Project #: **DP03**

Start Year: **2014**

End Year: **Ongoing**



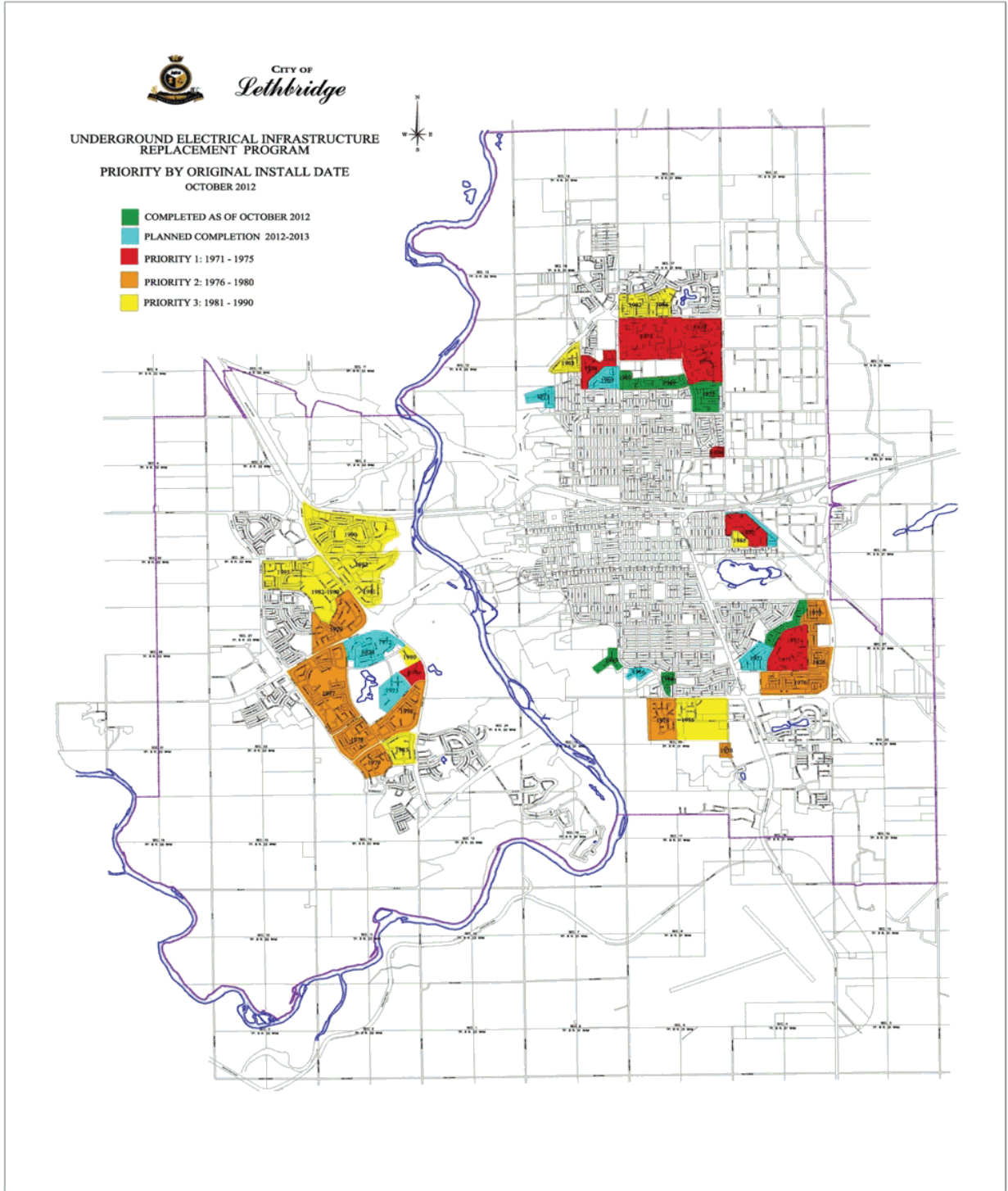
Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the replacement and improvement of the electric underground distribution system at voltages of 13.8 kV, 240/120V and 208/120V.</p> <p>Funding for plant replacement is provided from the MRSR with funds deposited as the assets were depreciated over their operational life.</p> <p>The program aims to renew approximately 600 home services per year. 200 services in each of the North, South and West side of the city shall be completed per year.</p> <p>This project would require four additional FTE positions in 2015 of which 20% of the costs would impact the operating budget included below in the projected net operating cost.</p> <p>Focus Areas: North: Park Meadows, Winston Churchill and St. James South: Lakemount and Dieppe West: Varsity Village and Indian Battle Heights</p>	<p>As a wire owner under the Electric Utility Act, the City of Lethbridge is responsible to provide Electric Distribution services to the residents and businesses of Lethbridge. Power lines are extended into newly developed areas within the City and improvements to the system are required to ensure the integrity and reliability of the system, public safety and changes to technical or regulatory requirements and to match increased loading.</p> <p>Underground cable was first installed in Lethbridge in the late 1960's and has performed very well in our operating and environmental conditions. The original cable was expected to have an estimated lifespan of 20 to 30 years but is now over 40 years old. Our operating policies have allowed us to obtain the additional life from the cable but it has reached the end of its practical lifespan. This project will allow us to enter areas with aged cable and replace the entire area at one time. This is a normal function of any aging asset and will be a continuing project for the next 10+ years. The new cable is constructed with improved designs providing an expected lifespan of 40 - 50 years.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Extension		250	263	276	289	304	319	335	352	369	388	3,145
Line Upgrading		5,250	5,513	5,788	6,078	6,381	6,700	7,036	7,387	7,757	8,144	66,034
		<u>5,500</u>	<u>5,776</u>	<u>6,064</u>	<u>6,367</u>	<u>6,685</u>	<u>7,019</u>	<u>7,371</u>	<u>7,739</u>	<u>8,126</u>	<u>8,532</u>	<u>69,179</u>
Total Costs		5,500	5,776	6,064	6,367	6,685	7,019	7,371	7,739	8,126	8,532	69,179
Funding												
Borrowing - Utilities		5,150	5,408	5,678	5,962							22,198
Customer Charges		350	368	386	405	425	446	470	492	517	543	4,402
Reserve - MRSR						6,260	6,573	6,901	7,247	7,609	7,989	42,579
		<u>5,500</u>	<u>5,776</u>	<u>6,064</u>	<u>6,367</u>	<u>6,685</u>	<u>7,019</u>	<u>7,371</u>	<u>7,739</u>	<u>8,126</u>	<u>8,532</u>	<u>69,179</u>
Total Funding		5,500	5,776	6,064	6,367	6,685	7,019	7,371	7,739	8,126	8,532	69,179
Estimated Debt Charges		0	460	943	1,450	1,982	1,982	1,982	1,982	1,982	1,982	
Projected Net Operating Costs		0	100	104	108	112	117	122	127	132	137	

<u>Comments</u>



Major Program: **Distribution**

Project Title: **Infrastructure Replacement Program - Overhead**

Dept - Project #: **DP04**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the replacement and improvement of the electric overhead distribution system at voltages of 13.8 kV, 240/120V and 208/120V.</p> <p>Funding for plant replacement is provided from the MRSR with funds deposited as the assets were depreciated over their operational life.</p> <p>This program is currently in the development phase, but it is expected that 500 - 750 residential services will be renewed each year.</p> <p>Focus Areas: The exact neighbourhoods to be renewed have yet to be determined. The services will be split between the North and South sides based on our condition assessments. The Westside has very little overhead and shall be upgraded as required.</p>	<p>As a wire owner under the Electric Utility Act, the City of Lethbridge is responsible to provide Electric Distribution services to the residents and businesses of Lethbridge. Power lines are extended into newly developed areas within the City and improvements to the system are required to ensure the integrity and reliability of the system, public safety and changes to technical or regulatory requirements and to match increased loading.</p> <p>Overhead power lines have been installed in Lethbridge since the inception of the utility and have performed very well in our operating and environmental conditions. Historical data has proven that the overhead system (poles, crossarms, insulators and conductors) have an estimated lifespan of 40 to 50 years but much of it is now nearing 50 years old. This project will allow us to enter areas with expiring facilities and replace the entire area at one time. This is a normal function of any aging asset and will be continuing project for the next 10+ years. The new construction will improve customer reliability as well as employee and public safety.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Extension		250	263	276	289	304	319	335	352	369	388	3,145
Line Upgrading		2,500	2,625	2,756	2,894	3,039	3,191	3,350	3,518	3,694	3,878	31,445
		<u>2,750</u>	<u>2,888</u>	<u>3,032</u>	<u>3,183</u>	<u>3,343</u>	<u>3,510</u>	<u>3,685</u>	<u>3,870</u>	<u>4,063</u>	<u>4,266</u>	<u>34,590</u>
Total Costs		2,750	2,888	3,032	3,183	3,343	3,510	3,685	3,870	4,063	4,266	34,590
Funding												
Borrowing - Utilities		2,750	2,888	3,032	3,183							11,853
Reserve - MRSR						3,343	3,510	3,685	3,870	4,063	4,266	22,737
		<u>2,750</u>	<u>2,888</u>	<u>3,032</u>	<u>3,183</u>	<u>3,343</u>	<u>3,510</u>	<u>3,685</u>	<u>3,870</u>	<u>4,063</u>	<u>4,266</u>	<u>34,590</u>
Total Funding		2,750	2,888	3,032	3,183	3,343	3,510	3,685	3,870	4,063	4,266	34,590
Estimated Debt Charges		0	246	503	774	1,058	1,058	1,058	1,058	1,058	1,058	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Major Program: **Distribution**

Project Title: **Secondary Metering (Advanced Meter Infrastructure)**

Dept - Project #: **DS02**

Start Year: **2012**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the development of Advanced Meter Reading, distribution system measurement and outage management to assist the managing of the City electricity demand effectively.</p> <p>Meter Installation 2014 The program provides for the installation of meters across the electric system as well as line monitoring equipment to assist in providing visibility of the system at the end of the line.</p> <p>2015 - Ongoing The ongoing program will continue to be built out by linking meter and line monitoring equipment to both SCADA and GIS systems to establish an automated outage management and response system.</p>	<p>As a wire owner under the Electric Utility Act of Alberta, the City of Lethbridge is responsible for providing metering and meter data management services within the Lethbridge service area.</p> <p>The program when fully implemented will enable the Utility to effectively manage the city load. The program will also provide outage data allowing the Utility to be more focused in the restoration of power by establishing the cause of the outage. A benefit will be the ability to provide better data for engineering and cost of service analysis.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		2,375	2,375	220	231	243	255	267	220	231	243	6,660
Replacements	6,463	120	120	120	126	132	333	350	367	385	405	8,921
Total Costs	6,463	2,495	2,495	340	357	375	588	617	587	616	648	15,581
Funding												
Borrowing - Utilities		2,495	2,495									4,990
Reserve - MRSR	6,463			340	357	375	588	617	587	616	648	10,591
Total Funding	6,463	2,495	2,495	340	357	375	588	617	587	616	648	15,581
Estimated Debt Charges		0	223	446	446	446	446	446	446	446	446	
Projected Net Operating Costs		154	162	170	179	188	197	207	217	228	240	

<u>Comments</u>



Major Program: **Communications**

Project Title: **Dark Fibre Communications Systems**

Dept - Project #: **FF01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

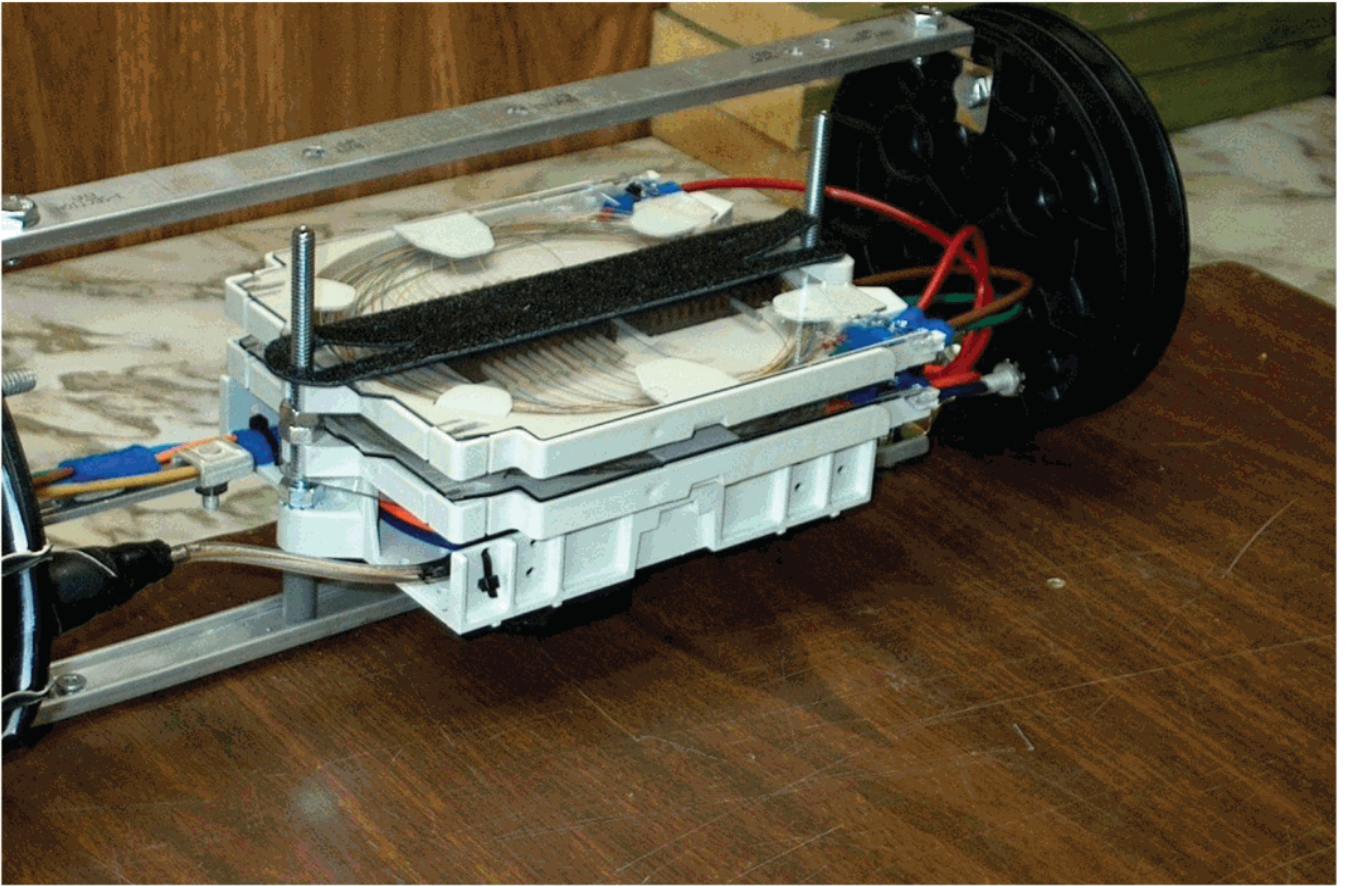
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides dark fibre communication facilities for the City of Lethbridge and includes new installations and upgrading of fibre optic facilities interconnecting electric substations, the electric utility and AltaLink, and between city owned buildings.</p> <p>Current Program and Identified Projects:</p> <p>Annual reinvestment forecast is based on annual depreciation rate of 4%.</p> <p>2014 to 2017 Replace end of life fibre assets as a number of critical fibre circuits are congested and becoming brittle.</p> <p>2014 Additional river crossing to new substation and provide a redundant circuit.</p> <p>2014 Loop circuit to Fibre training centre.</p> <p>2014 to 2017 Customer required circuits.</p>	<p>Program provides system control communication for the Electric Utility and provides dark fiber services corporately and through the Information Technology group, to LANET consortium members.</p> <p>Dark fibre optics provides the communications backbone for reliable interconnection of electric substations and facilities.</p> <p>The electric utility currently requires an extension to create a loop in the fibre facilities to create a fully redundant system. Upgrades to the existing fiber system are required to increase needed capacity.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		125	425	150	150	175	175	175				1,375
Replacements		180	189	198	208	219	140	140				1,274
		305	614	348	358	394	315	315				2,649
Total Costs		305	614	348	358	394	315	315				2,649
Funding												
Customer Charges		60	60	80	80	90	90	90				550
Reserve - MRSR		245	554	268	278	304	225	225				2,099
		305	614	348	358	394	315	315				2,649
Total Funding		305	614	348	358	394	315	315				2,649

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Fibre Splice Enclosure - for joining two fiber lines together

Major Program: **Communications**

Project Title: **Electric Systems Communications**

Dept - Project #: **SC01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides system communication facilities for the City of Lethbridge Electric Transmission and Distribution Systems.</p> <p>Communications for transmission operation between substations for SCADA, relaying data, metering and security systems.</p> <p>Communications for distribution operation, monitoring and protection downstream of substations.</p> <p>Current Program and Identified Projects:</p> <p>2014 Distribution-Gateway Network Infrastructure 2014 Transmission additions for protection system</p> <p>2015 Transmission/Distribution - System upgrades (Thirteenth year after install and OC1 optical units need replacement.</p> <p>2016 Transmission - system replacements</p>	<p>This program provides the communications for system operation, system control, data accumulation and security monitoring.</p> <p>Communications is required to retain an operating linkage between system control, city substations, AltaLink and the Transmission Administrator (AESO).</p> <p>Communication for the electric transmission system requires upgrading to reduce fibre system capacity use and to move to a industry standard protocol for data transfer.</p> <p>The existing communication system between substations for SCADA, Relaying Data, and Metering Data requires constant upgrading to meet new regulatory standards. There is also a requirement to reduce the fibre count and move to an industry standard protocol for data transfer and to coordinate these substations with AltaLink substation communications and AESO. Equipment must match existing SONET multiplexing and network systems.</p> <p>Allow Electric Operations access to Corporate Network wirelessly from remote locations improving the efficiency of the field crews by increasing the tool time in the field.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		60	10	10	10	10	10	10				120
Replacements			150	25	10	10	10	10	400			615
		60	160	35	20	20	20	20	400			735
Total Costs		60	160	35	20	20	20	20	400			735
Funding												
Reserve - MRSR		60	160	35	20	20	20	20	400			735
		60	160	35	20	20	20	20	400			735
Total Funding		60	160	35	20	20	20	20	400			735

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Facilities & Furnishings Annual Program**

Dept - Project #: **SF02**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program includes the construction or purchase of non-operational facilities (storage buildings), and general office furnishings required for direct utility operations including desks, computers, etc.</p> <p>Current Program and Identified Projects:</p> <p>2014 New Truck/Trailer/WO Materials Storage Yard Prep. 2014 New WO materials storage yard. 2014 Extend 146S Storage Building and Install Proper Drainage.</p>	<p>Facilities are required in support of other capital programs as well as ongoing maintenance and system operation.</p> <p>We currently keep a limited inventory of emergency parts at the lineshop. The room designated for this purpose was never racked out for efficient use of space. We can build a mezzanine system and double the area for storage and then rack out efficiently to hold all emergency parts.</p> <p>This is for the yard preparation of the area around the new truck / trailer / materials buildings.</p> <p>With the construction of the new storage building and yard we will need to be more efficient with our use of space to store work order and other laydown materials.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		788			130	130	130	130	130	130	130	1,698
		788			130	130	130	130	130	130	130	1,698
Total Costs		788			130	130	130	130	130	130	130	1,698
Funding												
Reserve - MRSR		788			130	130	130	130	130	130	130	1,698
		788			130	130	130	130	130	130	130	1,698
Total Funding		788			130	130	130	130	130	130	130	1,698

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Fleet Annual Program**

Dept - Project #: **SF03**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program includes the purchase of operational fleet vehicles required for direct utility operations.</p> <p>Current Program and Identified Projects:</p> <p>Program requires an average of 2.5% in new investment annually.</p> <p>Annual reinvestment forecast is based on annual depreciation of 7.2%. Some vehicles identified to date include:</p> <p>2014 Replace Double Bucket Truck 60' - L25 2014 Replace 3/4 ton Crew Cab - L28 2014 Replace 1 ton Flat Deck - L5 2014 Addition of Dump Trailer</p> <p>2015 Replace 1 ton Dump Trailer - L6 2015 Replace Loader Backhoe - L16</p> <p>2016 Replace 3 ton Dump Truck - L21 2016 Replace 2 Meter Vans - M1 and M2 2016 Replace 1/2 ton - L12 2016 Replace 3 hydro Compactors</p>	<p>Fleet vehicles are required in support of other capital programs as well as ongoing maintenance and system operation.</p> <p>In 2009 the fleet department transferred all vehicles that are operated by the Lethbridge Electric Utility to the business unit and are now part of the utilities assets. There was also a partial funding transfer to the MRSR for fleet reserves.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		24										24
Replacements		492	219	309	432	637	544	141	1,174	689	863	5,500
		<u>516</u>	<u>219</u>	<u>309</u>	<u>432</u>	<u>637</u>	<u>544</u>	<u>141</u>	<u>1,174</u>	<u>689</u>	<u>863</u>	<u>5,524</u>
Total Costs		516	219	309	432	637	544	141	1,174	689	863	5,524
Funding												
Reserve - MRSR		516	219	309	432	637	544	141	1,174	689	863	5,524
		<u>516</u>	<u>219</u>	<u>309</u>	<u>432</u>	<u>637</u>	<u>544</u>	<u>141</u>	<u>1,174</u>	<u>689</u>	<u>863</u>	<u>5,524</u>
Total Funding		516	219	309	432	637	544	141	1,174	689	863	5,524

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Electric System Environmental Management**

Dept - Project #: **SE01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the development and implementation of an Environmental Management Plan for the Electric Utility.</p> <p>Current Program and Identified Projects:</p> <p>Develop & Implement a PCB Management Plan (Completed) Legislative Compliance Work Replacement and disposal of Transformers containing PCB's</p>	<p>To ensure the Electric Utility is:</p> <ol style="list-style-type: none"> 1) compliant with environmental legislation, and 2) moves from compliance to sustainability <p>The Environment plan's current focus is on the management of Polychlorinated Biphenyl (PCB) material. In part, this includes elimination of dispersive uses of PCBs; elimination of non-dispersive uses of high concentration PCBs; harmonized sampling and analysis, waste classification, labelling, and PCB waste storage time limits.</p> <p>Longer term plans will provide continuous and systematic improvements to distribution and transmission facilities from an environmental prospective.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Line Upgrading		225	236	248	260	273	287	302	317	332	349	2,829
		225	236	248	260	273	287	302	317	332	349	2,829
Total Costs		225	236	248	260	273	287	302	317	332	349	2,829
Funding												
Reserve - MRSR		225	236	248	260	273	287	302	317	332	349	2,829
		225	236	248	260	273	287	302	317	332	349	2,829
Total Funding		225	236	248	260	273	287	302	317	332	349	2,829

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Work and Financial Management**

Dept - Project #: **SI02**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for technologies to manage financial connectivity and work flow requirements of the Electric Utility. Manages the financial asset process from ArcFM to JDE.</p> <p>This program will provide for an automated process for the administration of work to both internal and external work crews. Initial requirements allow a review of current and future needs of the utility as well as other corporate and department requirements.</p> <p>This program also provides for an Electric Industry standard work management and AM/FM integrated financial management and Cost of Service modelling system.</p> <p>Current Program and Project Requirements:</p> <p>2014 Capital Work Management System - Fibre Financial Management System - Fibre</p> <p>2015 Capital Work Management System - Transmission Financial Management System - Transmission</p> <p>2016 Capital Work Management System - Upgrades Financial Management System - Upgrades</p>	<p>This program provides the Electric Utility the tools for effective design, construct and maintain of electric distribution and transmission systems and to meet regulatory requirements.</p> <p>The use of contracts to provide many work applications traditionally done internally has led to a need to gather data and schedule crews and materials more effectively.</p> <p>This program also provides the utility the capability to perform rigorous cost analysis; the basis to rationalize tariffs and to meet the industry standard financial reporting requirements of the Alberta Utilities Commission (AUC).</p> <p>The inability to validate and substantiate cost information to the AUC poses a major financial risk. Costs disallowed by the AUC will need to be funded from alternate sources of income such as taxation.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		30	30	50	35							145
Replacements		80	80	145								305
		110	110	195	35							450
Total Costs		110	110	195	35							450
Funding												
Reserve - MRSR		110	110	195	35							450
		110	110	195	35							450
Total Funding		110	110	195	35							450

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

WO Standards - Windows Internet Explorer

http://localhost:8084/WOMGT/WOStandards_vf.html

City Of Lethbridge Electric Utility

WO Standards Version 0.2.2

Navigation: Logout 10489

Main Modules: Work Management, Manage Standards

Selected Work Order: 63360 - Blackwolf Phase 1B

Standards (expand for Assemblies and Parts)

Standard	Description	Std. Qty.	Total Std. Value
2.1.0040-01	Single Phase Dead Front Padmount Transformer	2	\$6,514.34
2.1.0080-01	Secondary Joint Use Pedestal - 3 Way Padmount	4	\$2,822.04

Assemblies for Standard

Assembly	Assembly Description	Revision	Asm Qty	Asm Value
9.9.9999-99	Migration Converted Assembly - Non-Cable	-1	1	\$705.76

Parts for Assembly

Part No.	Part Description	Unit Measure	Part Qty	Unit Value	Std. Value
21004	Secondary Neutral Bar Ped-6	Each	1.0	\$10.33	\$705.76
21016	6-Way Submersible Termination	Each	2.0	\$22.00	\$705.76
30020	Lock CISA	Each	1.0	\$18.50	\$705.76
72182	Pedestal 3way Joint Use 3wp-0605	Each	1.0	\$610.50	\$144.18
80045	#6 Stranded Bare Copper Wire	Each	1.0	\$2.37	

Miscellaneous Parts

Part No.	Part Description	Unit Measure	Unit Value	Total Part Value
No records found.				\$9,481.56

WOStand - NetBeans IDE 7.0.1

Major Program: **Other Support**

Project Title: **Facilities Management**

Dept - Project #: **SI01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>		<u>Purpose & Justification</u>
<p>This program provides for technologies to manage and analyze the electric distribution and transmission systems. Asset Management and Facilities Mapping (AM/FM) combined with Engineering Analysis applications allows the utility to efficiently operate existing systems and, more importantly, to plan system additions and upgrades for effectiveness, efficiency and safety. Load Research programs provide the means to gather point-in-time load data for statistical analysis and load profiling.</p> <p>Current Program and Projects:</p>		<p>The migration of our work processes to ArcFM for day to day use makes the system mission critical especially its use in the control centre. This criticality requires the system be redundant so that it remains accurate and available at all times.</p> <p>The electric utility requires the means to undertake statistically valid load profiling for use in system planning and for System Settlement; the province wide process used to determine the energy (and losses) billed through to customers.</p> <p>This program greatly enhances design capabilities, facilitates effective and efficient transmission and distribution system development and customer class load profiling.</p> <p>Reduce labor intensive systems. Provides the ability to meet regulatory and AESO requirements. Provides the ability to acquire data for reviews by the AUC (future) and the Transmission Administrator (AESO). Allows effective and efficient system design. Provides information and capability for financial and work management systems. Provides for system specific load profiling.</p>
2014	<p>Addition of Transmission Facilities Provide ArcFM to the Operating Crews Line Patrols to update Asset Information Connection AM/FM to Analysis System Load Research Equipment/System</p>	
2015	<p>Connection of FM System to AMI System Load research Equipment Line Patrol to update Asset Information Connection to MDM</p>	
2016	<p>Load Research Equipment Line Patrol to update Asset Information</p>	

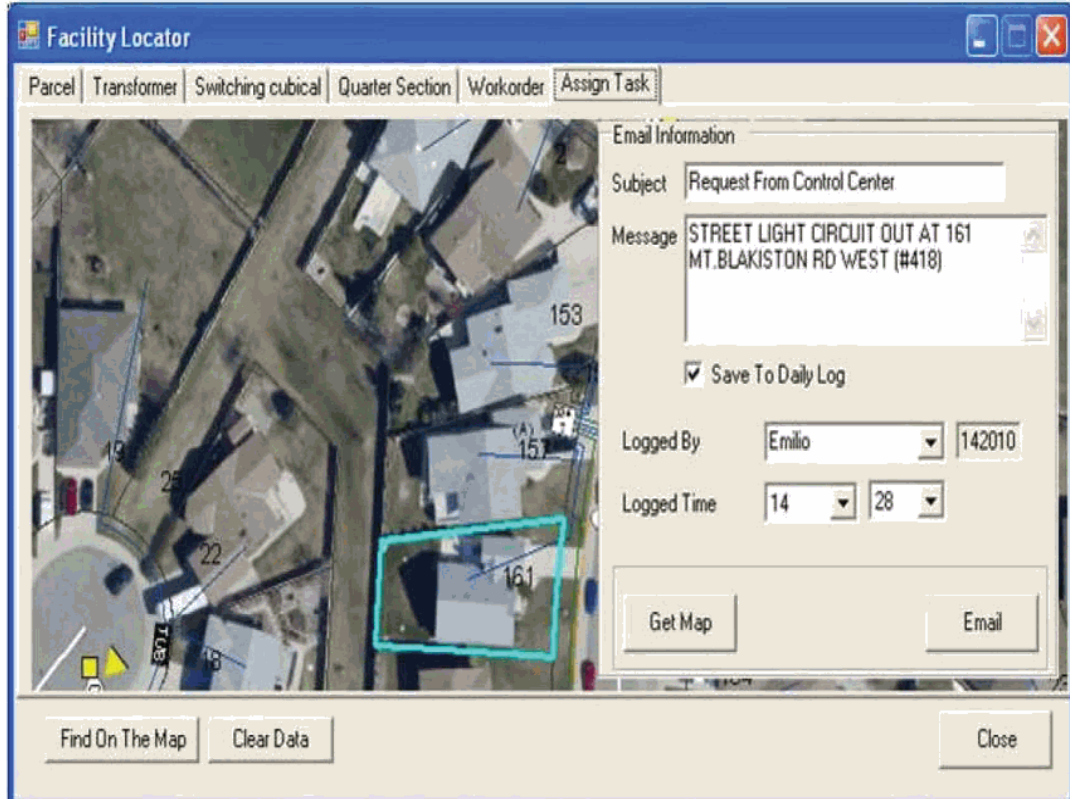
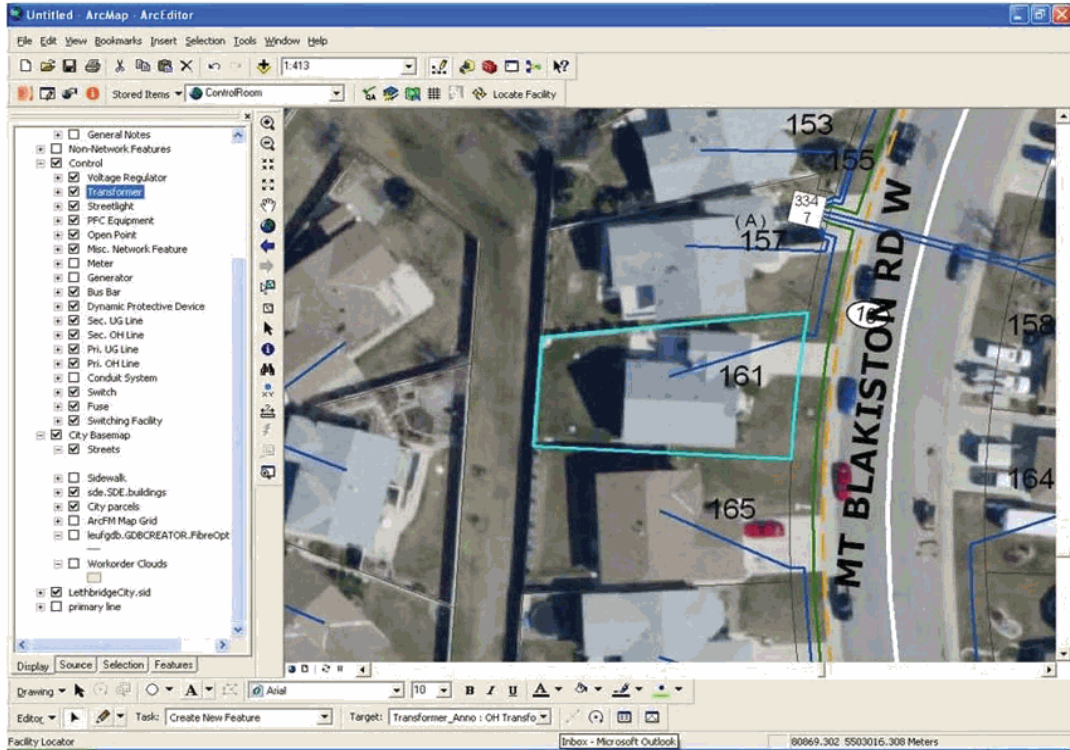
All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		40	40	40	40	40						200
Replacements		50	50	50	10	10						170
		90	90	90	50	50						370
Total Costs		90	90	90	50	50						370
Funding												
Reserve - MRSR		90	90	90	50	50						370
		90	90	90	50	50						370
Total Funding		90	90	90	50	50						370

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Critical Infrastructure Protection**

Dept - Project #: **CP01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for technologies to manage the documentation of AESO/NERC Critical Infrastructure Protection Reliability Standards, which is a requirement of the Electric Utility.</p> <p>The AESO intends to have seven of the CIP reliability standards approved by the AUC.</p> <p>Locations:</p> <p>Control Centre - 500 4th Avenue North. Substation - 674S, 111S, 593S, 146S, and 241S.</p> <p>2014 to 2017 Installation of additional security equipment to meet CIP 006 requirements.</p> <p>Installation of additional equipment for access control.</p> <p>The replacements identified in 2015/2016 is to replace end of life logging and electronic perimeter equipment in the identified locations.</p>	<p>The documentation and technologies to meet AESO compliance to the Reliability Standards requires a database and interface along with sophisticated cyber protection equipment to segment the electric network.</p> <p>The full extent of the implementation will be determined by the assessment done by the AESO of the transmission facilities owned and operated by the City of Lethbridge. The program will be fully implemented if the assessment determines that the utility owns critical assets.</p> <p>The program is also dependent on AUC approval as the program was not included in the transmission filing.</p> <p>May require an additional fibre circuit with network equipment to be added in the operating budget.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		45	20	60	35	35		20	20			235
Replacements			35	15		56	225	45	20			396
		45	55	75	35	91	225	65	40			631
Total Costs		45	55	75	35	91	225	65	40			631
Funding												
Reserve - MRSR		45	55	75	35	91	225	65	40			631
		45	55	75	35	91	225	65	40			631
Total Funding		45	55	75	35	91	225	65	40			631

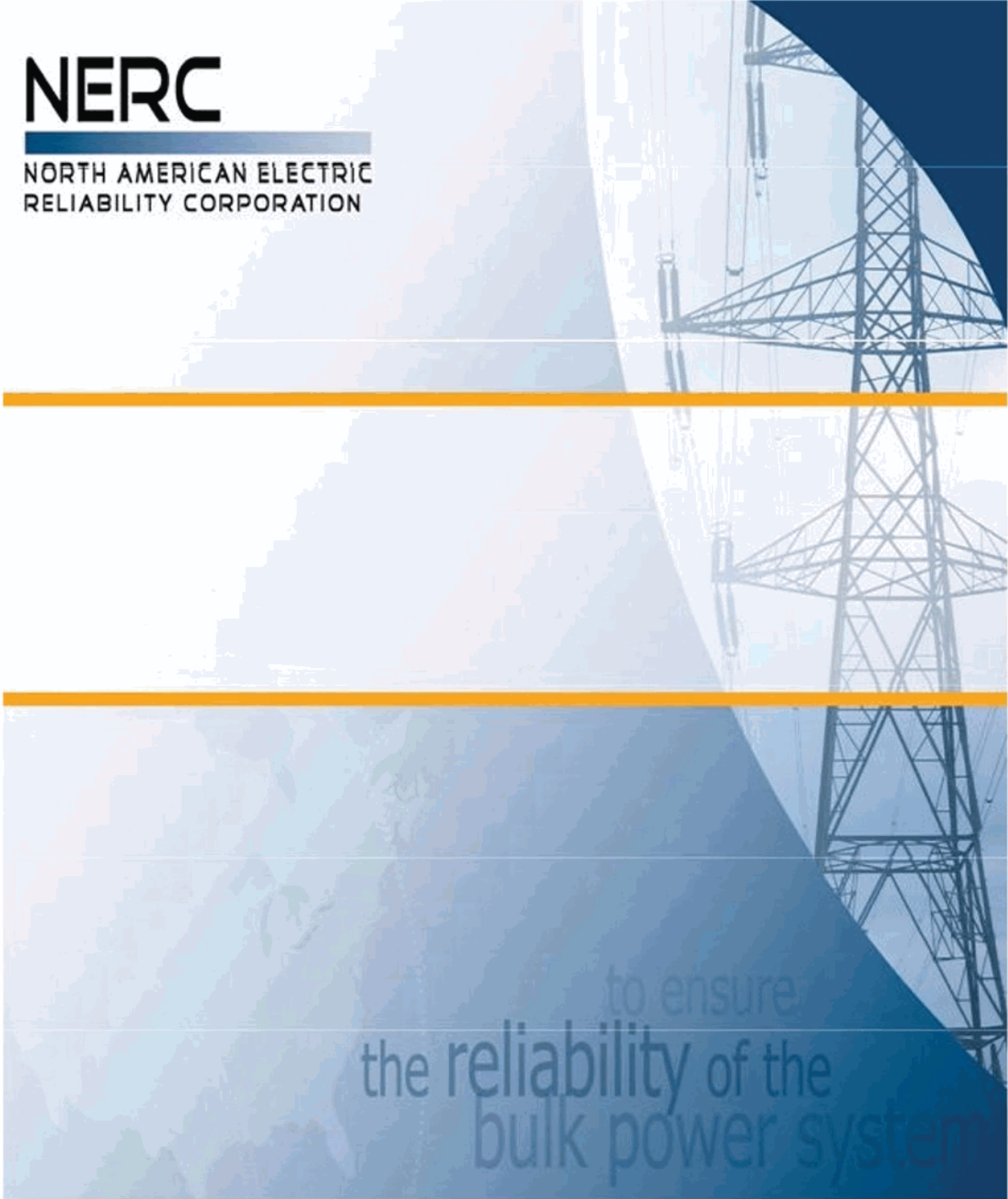
Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

NERC

NORTH AMERICAN ELECTRIC
RELIABILITY CORPORATION



to ensure
the reliability of the
bulk power system

Major Program: **Other Support**

Project Title: **Major Tools Annual Program**

Dept - Project #: **SF01**

Start Year: **2014**

End Year: **Ongoing**



Capital Improvement Program
2014 to 2023

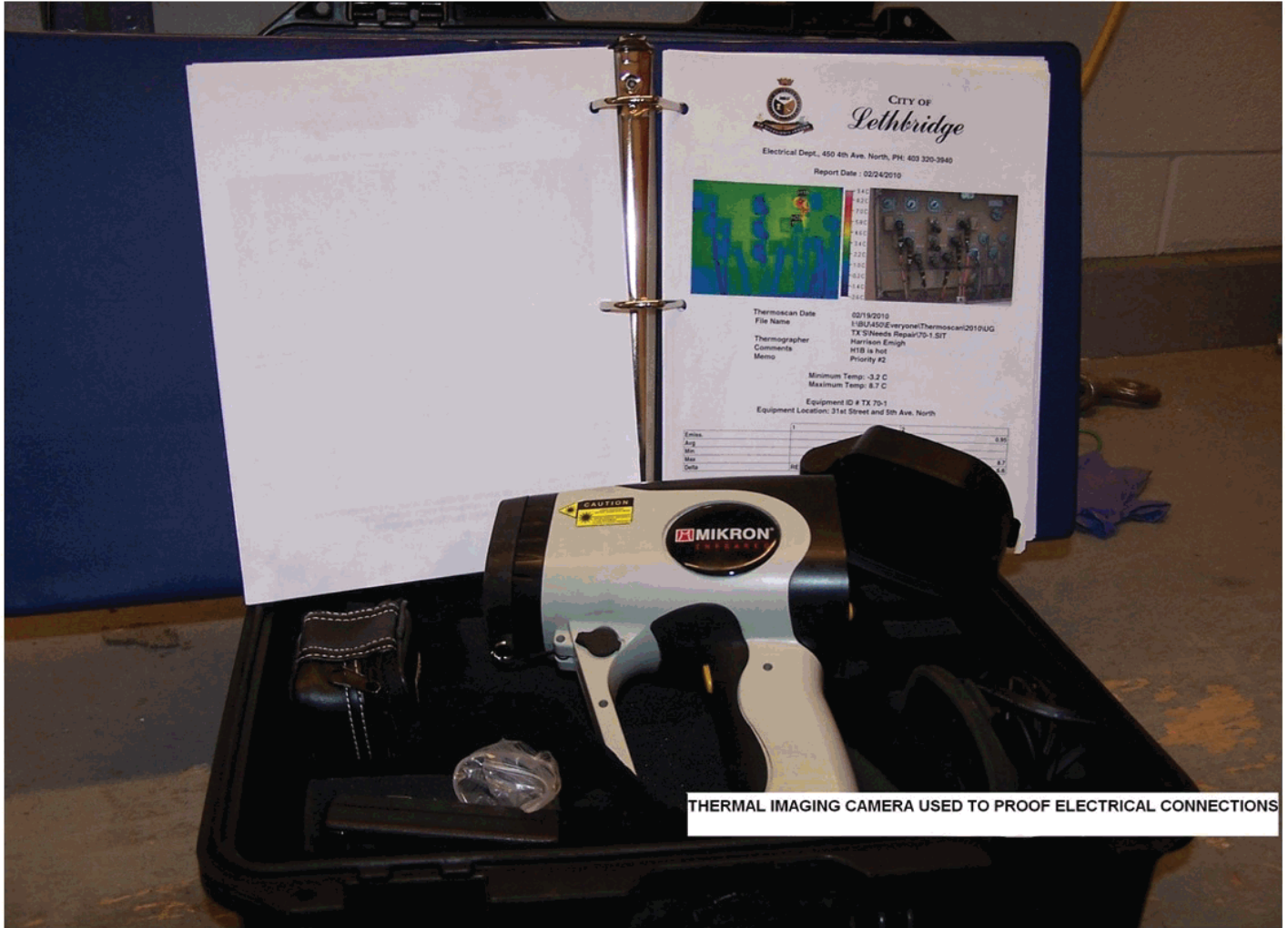
Description & Location	Purpose & Justification
<p>This program includes the purchase of major tools and equipment used in construction and testing for direct utility operations.</p> <p>Current Program and Identified Projects:</p> <p>Program requires an average of 2.5% in new investment annually.</p> <p>Annual reinvestment forecast is based on annual depreciation of 7.2%. Some of tools identified to date include:</p> <p>2014 Communications Troubleshooting Tool 3 Stage Transformer Oil Filter Pump Biddle BY Tester Tablets Portable Retractrometer</p> <p>2015 Overhead Puller</p> <p>2016 Thermoscan Camera</p>	<p>Facilities and Tools are required in support of other capital programs as well as ongoing maintenance and system operation.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		38		15								53
Replacements			100		129	129	129	129	129	129	129	1,003
		38	100	15	129	129	129	129	129	129	129	1,056
Total Costs		38	100	15	129	129	129	129	129	129	129	1,056
Funding												
Reserve - MRSR		38	100	15	129	129	129	129	129	129	129	1,056
		38	100	15	129	129	129	129	129	129	129	1,056
Total Funding		38	100	15	129	129	129	129	129	129	129	1,056

Estimated Debt Charges
Projected Net Operating Costs

Comments



Major Program: **System Control (SCADA)**Project Title: **Electric System Control**Dept - Project #: **SS01**Start Year: **2014**End Year: **Ongoing**Capital Improvement Program
2014 to 2023

Description & Location	Purpose & Justification
<p>This program provides remote control and monitoring capabilities for electric distribution, and transmission facilities.</p> <p>The SCADA system includes master station hardware and software, substation RTU's (Remote Terminal Units), distribution RTU's and infrastructure and substation RTU's and infrastructure.</p> <p>All projects fall under the Support group and as such are allocated between distribution and transmission cost centres. Council regulates/approves distribution costs and the Alberta Utilities Commission (AUC) regulates/approves transmission costs. Therefore, these program costs may be adjusted as the various approving authorities have input into the process.</p> <p>Current Program and Identified Projects:</p> <p>2014 Scout Board upgrade Load Flow Analysis Tool Antivirus Server upgrade Update Worldview to SmartView Host Server upgrades - 3 servers</p> <p>2015 WEB SERV Server upgrade</p> <p>2016 Wall Display Board upgrade Operator Work Stations upgrade Control Centre upgrades</p> <p>Future: Radio Master upgrade Radio Remote upgrade Remote RTU 6ACP5 upgrade UPS units for control room upgrade</p>	<p>The SCADA system is required to meet the needs of the Electric Utility, the Power Pool of Alberta, the Transmission Administrator of Alberta, and neighbouring Transmission Facility Owners. Real time monitoring and control is necessary to meet the requirements of the Alberta Interconnected System, and to provide required reliability and control functions within the system. Distribution automation (enhance reliability) can be performed through this system.</p> <p>Distribution RTU's are monitored, inspected and maintained annually and replaced on failure. Typically units are replaced on a 7 to 9 year cycle.</p> <p>The main SCADA System (Master Station, software and hardware) is replaced periodically. Technological improvements, maintenance requirements, availability of upgrades and parts and the ability of the system to meet key requirements are the drivers in determining replacement. Typically it is expected that these systems need completed replacement every 5 to 7 years.</p> <p>Substation RTU's are considerably more powerful (and expensive) than distribution RTU's. Replacement is based on similar criteria to the master station software and hardware systems, typically lasting 8 to 12 years.</p>

All amounts below are in thousands of dollars

	Prior	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
Costs - Non-Shareable												
Additions		220										220
Replacements		296	10	298	162		20					786
		516	10	298	162		20					1,006
Total Costs		516	10	298	162		20					1,006
Funding												
Reserve - MRSR		516	10	298	162		20					1,006
		516	10	298	162		20					1,006
Total Funding		516	10	298	162		20					1,006

Estimated Debt Charges

Projected Net Operating Costs

Comments



ELECTRICAL SYSTEM CONTROL CENTER VISUAL WALL DISPLAY AND OPERATOR WORK STATIONS

Grants / Funding

	<u>Page</u>
Grant - Municipal Sustainability Initiative (MSI)	G - 1
Grant - Basic Municipal Transportation (BMTG)	G - 2
Grant - Federal Gas Tax Fund (FGTF)	G - 3
Pay-As-You-Go Transportation	G - 4
Pay-As-You-Go Community	G - 5

Grant - Municipal Sustainability Initiative (MSI)

Forecast

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
All amounts below are in thousands of dollars											
Opening Balance	7,908	(727)	(17,157)	(20,992)	(9,558)	516	10,270	11,914	1,934	1,934	
Capital Requirements											
Parks Asset Management	D - 5	(1,994)	(1,993)	(1,993)							(5,980)
Lethbridge Regional Police Headquarters Expansion	D - 6	(4,021)	(2,590)	(3,680)							(10,291)
ATB Centre - Phase 1 (Ice Complex)	D - 7	(2,171)	(3,797)								(5,968)
Southern Alberta Ethnic Association Facility	D - 8	(3,900)									(3,900)
South Side Parks Depot	D - 10	(1,118)									(1,118)
North Regional Park	D - 11	(8,725)	(4,025)								(12,750)
Henderson Pool	D - 13		(6,139)	(236)							(6,375)
Yates Renewal	D - 14	(770)	(5,480)								(6,250)
Historical Preservation of the Bowman Facility	D - 15	(80)	(1,660)								(1,740)
Galt Museum Preservation	D - 16	(920)									(920)
Traffic Signal Preemption	D - 20				(2,300)						(2,300)
South Side Fire Station Replacement	D - 21				(1,590)	(3,780)	(3,630)				(9,000)
Arena Replacement	D - 22					(1,530)	(9,790)	(11,990)			(23,310)
West Lethbridge Operations Depot (Phase 2)	D - 29				(1,330)	(3,400)					(4,730)
ATB Centre - Phase 2 (Leisure Complex)	D - 32		(5,810)	(12,990)							(18,800)
		(23,699)	(31,494)	(18,899)	(3,630)	(4,990)	(5,310)	(13,420)	(11,990)		(113,432)
Additions:											
Grant	Note 1	15,064	15,064	15,064	15,064	15,064	15,064	15,064	2,010		107,458
		15,064	15,064	15,064	15,064	15,064	15,064	15,064	2,010		107,458
Closing Balance		(727)	(17,157)	(20,992)	(9,558)	516	10,270	11,914	1,934	1,934	1,934

The Municipal Sustainability Initiative (MSI) includes funding for capital projects, including municipal roads, bridges, public transit vehicles and facilities, emergency service vehicles (including ambulances) and facilities (fire halls, municipal police stations, emergency operations centres), infrastructure management systems and solid-waste management systems and facilities.

Note 1: The annual grant amounts shown for 2014 onwards are estimates only. The estimates are based on actual amounts announced for 2013 extrapolated for future years. Under this estimated payment schedule, the original Provincial commitment under the MSI grant will be completed in approximately 2021. While it is hoped that this will be an ongoing grant program, any possible grant amounts beyond 2021 have not been included.

Grant - Basic Municipal Transportation (BMTG)

Forecast

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
All amounts below are in thousands of dollars												
Opening Balance	6,800	5,424	6,672	6,705	4,288	2,885	1,238	1,237	1,054	677		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(1,100)	(1,213)	(1,274)	(1,338)	(1,405)	(1,476)	(1,550)	(1,627)	(1,708)	(12,691)	
Gravelled Roadway Upgrading	C - 7	(770)	(1,100)		(880)						(2,750)	
Barrier Free Pedestrian Access	C - 8	(144)	(151)	(159)	(167)	(175)	(184)	(193)	(203)	(213)	(1,813)	
Arterial Rehabilitation Program	C - 9		(1,095)	(1,150)	(1,208)	(1,268)	(1,331)	(1,398)	(1,468)	(1,542)	(12,079)	
Bridge Rehabilitation Program	C - 10	(869)	(1,848)	(270)	(286)	(297)	(2,134)	(314)	(314)	(314)	(6,958)	
Railway Rehabilitation Program	C - 11	(396)	(404)	(411)	(419)	(428)	(437)	(446)	(454)	(463)	(4,330)	
Traffic Signals Replacement	C - 12	(413)	(433)	(455)	(479)	(503)	(528)	(554)	(582)	(611)	(5,199)	
Major Sidewalk Rehabilitation Program	C - 13	(200)	(210)	(221)	(232)	(244)	(256)	(269)	(282)	(296)	(2,521)	
Community Lighting - Rehabilitation	C - 15	(100)	(105)	(110)	(116)	(122)	(128)	(134)	(141)	(148)	(1,259)	
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			(450)							(450)	
Transportation Master Plan Update	C - 17				(875)						(875)	
Intersection Improvements - Growth	CO - 1	(825)			(1,003)	(1,054)	(1,107)	(1,162)	(1,220)	(1,281)	(7,652)	
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	(581)									(581)	
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	(194)									(194)	
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	(194)									(194)	
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6			(3,886)							(3,886)	
Metis Trail (Walsh to Whoop Up)	CO - 7	(1,010)									(1,010)	
		(6,796)	(4,246)	(5,540)	(8,066)	(7,133)	(7,457)	(5,890)	(6,156)	(6,433)	(64,441)	
Additions:												
Grant Funding		5,419	5,495	5,572	5,650	5,729	5,809	5,890	5,973	6,056	6,141	57,734
		5,419	5,495	5,572	5,650	5,729	5,809	5,890	5,973	6,056	6,141	57,734
Closing Balance		5,424	6,672	6,705	4,288	2,885	1,238	1,237	1,054	677	93	

Under the Basic Municipal Transportation Grant, the City of Lethbridge is eligible to receive an annual grant based on the \$60 per capita and the previous year's official population. Projects such as construction and/or rehabilitation of local and regional roads and streets, construction and/or rehabilitation of municipal bridges and bus purchases are all eligible under this program.

Grant - Federal Gas Tax Fund (FGTF)

Forecast

	Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
All amounts below are in thousands of dollars												
Opening Balance		5,800	1,287	1,871	2,258	2,596	4,843	6,196	8,553	9,149	11,065	
Capital Requirements												
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(976)	(762)	(800)	(840)	(882)	(926)	(972)	(1,020)	(1,071)	(1,125)	(9,374)
Arterial Rehabilitation Program	C - 9	(1,043)										(1,043)
Exhibition Infrastructure Upgrades and Replacement	D - 9	(1,706)										(1,706)
Henderson Pool	D - 13		(400)									
Park Lighting Replacement	D - 19	(3,600)										(3,600)
Storm Outfall Assessment and Rehabilitation	E - 20	(500)	(500)	(500)								(1,500)
		<u>(7,825)</u>	<u>(1,662)</u>	<u>(1,300)</u>	<u>(840)</u>	<u>(882)</u>	<u>(926)</u>	<u>(972)</u>	<u>(1,020)</u>	<u>(1,071)</u>	<u>(1,125)</u>	<u>(17,223)</u>
Additions:												
Grant		4,770	4,865	4,963	5,062	5,163	5,267	5,372	5,479	5,589	5,701	52,230
		<u>4,770</u>	<u>4,865</u>	<u>4,963</u>	<u>5,062</u>	<u>5,163</u>	<u>5,267</u>	<u>5,372</u>	<u>5,479</u>	<u>5,589</u>	<u>5,701</u>	<u>52,230</u>
Previously Approved												
Storm Sewer Maintenance		(913)	(940)	(968)	(1,026)	(1,057)	(1,089)	(1,133)	(1,178)	(1,225)	(1,274)	(10,803)
Transit Fleet Replacement		(460)	(562)	(1,158)	(1,193)		(1,266)		(2,014)		(3,562)	(10,215)
Transit Fleet Expansion			(562)	(579)	(1,193)	(614)	(633)	(652)	(671)	(692)	(712)	(6,309)
Access-A-Ride Fleet Replacement		(85)	(444)	(456)	(354)	(363)		(129)		(548)	(141)	(2,520)
Access-A-Ride Fleet Expansion			(111)	(114)	(118)			(129)		(137)		(609)
		<u>(1,458)</u>	<u>(2,620)</u>	<u>(3,276)</u>	<u>(3,884)</u>	<u>(2,034)</u>	<u>(2,988)</u>	<u>(2,043)</u>	<u>(3,864)</u>	<u>(2,602)</u>	<u>(5,689)</u>	<u>(30,456)</u>
Closing Balance		<u>1,287</u>	<u>1,871</u>	<u>2,258</u>	<u>2,596</u>	<u>4,843</u>	<u>6,196</u>	<u>8,553</u>	<u>9,149</u>	<u>11,065</u>	<u>9,952</u>	

The types of projects currently eligible for funding under the Federal Gas Tax Fund program include: Public Transit; Water Supply, Treatment, and Distribution Systems; Wastewater Collection and Treatment Systems; Solid Waste Management Systems; Community Energy Systems; and Roadways and Bridges.

PAYG - Transportation

Forecast

	Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total
All amounts below are in thousands of dollars												
Opening Balance		322	431	1,081	1,812	796	1,236	1,638	2,326	3,049	3,808	
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(101)	(106)	(112)	(117)	(123)	(129)	(136)	(143)	(150)	(157)	(1,275)
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(66)	(69)	(73)	(76)	(80)	(84)	(88)	(93)	(97)	(102)	(830)
Gravelled Roadway Upgrading	C - 7	(70)		(100)		(80)						(250)
Barrier Free Pedestrian Access	C - 8	(144)	(151)	(159)	(167)	(175)	(184)	(193)	(203)	(213)	(224)	(1,813)
Arterial Rehabilitation Program	C - 9	(116)	(122)	(128)	(134)	(141)	(148)	(155)	(163)	(171)	(180)	(1,458)
Bridge Rehabilitation Program	C - 10	(119)	(252)	(37)	(39)	(41)	(291)	(43)	(43)	(43)	(43)	(949)
Railway Rehabilitation Program	C - 11	(180)	(184)	(187)	(191)	(195)	(199)	(203)	(207)	(211)	(215)	(1,968)
Traffic Signals Replacement	C - 12	(38)	(39)	(41)	(44)	(46)	(48)	(50)	(53)	(56)	(58)	(473)
Major Sidewalk Rehabilitation Program	C - 13	(20)	(21)	(22)	(23)	(24)	(26)	(27)	(28)	(30)	(31)	(252)
Paved Lane Rehabilitation Program	C - 14	(350)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(388)	(3,244)
Community Lighting - Rehabilitation	C - 15	(50)	(53)	(56)	(59)	(62)	(65)	(68)	(71)	(75)	(79)	(638)
Preliminary Design for Whoop Up Drive Interchange Improvements	C - 16			(50)								(50)
Transportation Master Plan Update	C - 17					(100)						(100)
Mayor Magrath Dr (40th Ave S to City Limit)	CO - 2	(357)										(357)
5th Avenue N (Stafford Dr to Mayor Magrath Dr N) Preliminary Design	CO - 3	(64)										(64)
13th Street N (Crowsnest Trail to 26th Ave N) Preliminary Design	CO - 4	(65)										(65)
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6				(1,914)							(1,914)
Metis Trail (Loan Interest Payment)	CO - 7					(295)	(280)	(262)	(246)	(229)		(1,312)
		(1,740)	(1,260)	(1,240)	(3,054)	(1,665)	(1,773)	(1,560)	(1,601)	(1,643)	(1,477)	(17,012)
Additions:												
Current Year Funding		1,849	1,909	1,972	2,037	2,105	2,175	2,248	2,324	2,402	2,483	21,504
		1,849	1,909	1,972	2,037	2,105	2,175	2,248	2,324	2,402	2,483	21,504
Closing Balance		431	1,081	1,812	796	1,236	1,638	2,326	3,049	3,808	4,814	

Pay-As-You-Go (PAYG) - Community Forecast

Page	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Total	
All amounts below are in thousands of dollars												
Opening Balance	417	(2,235)	(4,048)	(3,336)	(4,798)	(4,608)	(2,630)	(1,724)	(6,576)	(3,326)		
Capital Requirements												
Crossings Ice Complex	D - 7	(75)	(76)								(151)	
North Regional Park	D - 11	(600)									(600)	
Art Acquisition Program	D - 12	(372)	(485)	(238)	(262)	(50)	(62)	(154)	(292)		(1,915)	
Henderson Pool	D - 13	(95)									(95)	
Yates Renewal	D - 14				(150)						(150)	
Galt Museum Preservation	D - 16	(30)									(30)	
Traffic Signal Preemption	D - 20				(500)						(500)	
South Side Fire Station Replacement	D - 21						(140)	(150)			(290)	
Arena Replacement	D - 22						(400)	(300)	(700)		(1,400)	
ENMAX Air Conditioning	D - 23	(2,530)									(2,530)	
Pathway Connections	D - 24	(650)	(650)	(650)	(650)	(360)	(370)	(380)			(3,710)	
Fritz Sick Parking Lot	D - 26		(440)								(440)	
West Lethbridge Operations Depot (Phase 2)	D - 29				(400)						(400)	
Aquatics Centre	D - 32		(700)	(1,050)							(1,750)	
North Regional Park (New Amenities)	D - 34				(2,250)	(2,250)					(4,500)	
Yates Enhancement	D - 35						(1,160)	(7,010)			(8,170)	
Integrated Customer Service Strategy (Phase 1 & 2)	D - 39	(750)	(500)								(1,250)	
Spitz Stadium	D - 40		(1,512)								(1,512)	
		(5,102)	(4,363)	(1,938)	(4,212)	(2,660)	(972)	(2,144)	(8,002)		(29,393)	
Additions:												
Current Year Funding		2,450	2,550	2,650	2,750	2,850	2,950	3,050	3,150	3,250	3,350	29,000
		2,450	2,550	2,650	2,750	2,850	2,950	3,050	3,150	3,250	3,350	29,000
Closing Balance		(2,235)	(4,048)	(3,336)	(4,798)	(4,608)	(2,630)	(1,724)	(6,576)	(3,326)	24	

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City of Lethbridge
Capital Improvement Program
2014-2023

FINANCE COMMITTEE MINUTES

The Finance Committee met from September 10th to May 9th, 2013 to review the preliminary Capital Improvement Program. The following pages contain minutes from those meetings. The list below is a quick reference to the items discussed on each day. Please see the following pages for minutes of those discussions.

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Capital Improvement Program Process

September 24, 2012 **Page 2**

Working Draft Binder
Review of Infrastructure Projects

October 22, 2012 **Page 4**

Review of Community Projects
Review of Corporate Facilities
Review of Parks
Review of Community Initiatives

November 5, 2012 **Page 6**

Review of Water & Wastewater
Review of Electric
Review of Waste & Recycling
Review of Environmental and Electric Utilities

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Review of Transportation

February 11, 2013 **Page 11**

Review of City Initiative Projects
Protective Services
Performing Arts Strategy
Arena Strategy
Historic Building Preservation

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Capital Improvement Program Overview
Review of City Initiative Projects
Streetscaping
Downtown Washrooms
Downtown Parking Garage
On-street Parking Meter Lifecycle

Review of Parks
North regional Park
Parks Washrooms
New Pathways
New School Site Development
Parks Asset Management
Infrastructure Support Facilities

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Capital Improvement Program Overview
Review of City Initiative Projects
 Skateboard Strategy
 Minor baseball Strategy
 LRP Headquarters Expansion
 Fritz Sick Parking Lot
 School Gymnasium
 Leisure Centre
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Open House Presentation

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March 25, 2013 **Page 18**

Capital Improvement Program Overview
Exhibition Park Development Plan
Shooting Range Relocation
Outdoor Baseball Facilities
Spitz Stadium Development
Galt Mine #8 Site
Henderson Lake Golf Club

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Draft Capital Improvement Program Binder

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DEBATE AND RESOLUTION

May 6, 2013 Page 24

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Capital Improvement Funding
Yates Renewal Option 3
Finance Discussions

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Resolution and Debate
Exhibition Trade and Convention Centre (Pg 26)
Previously Approved Projects (Pg 27)
Lethbridge Regional Police Headquarters Expansion (Pg 28)
Southern Alberta Ethnic Facility (Previously Bill Kergan Centre Renovation) (Pg 28)
Art Acquisition Program (Pg 28)
Maintain Current Assets – Amended May 9, 2013 (Pg 29)
ENMAX Air Conditioning (Pg 29)
West Lethbridge Depot (Phase 2) (Pg 30)

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Leisure Centre (Full Build Out) (Pg 31)	North Regional Park (Pg 38)
Aquatics Centre (Amended May 9, 2013) (Pg 32)	Galt #8 Mine Site (Pg 39)
Performing Arts Centre (Pg 33)	New School Site Development (Pg 39)
Shooting Range Land Acquisition & Construction (Pg 34)	Lethbridge Indoor Baseball Facility (Pg 39)
Downtown Parking Garage (Pg 35)	Spitz Stadium (Pg 40)
Yates Enhancement (Pg 36)	Vacant School Site Development (Pg 40)
Henderson Lake Golf Club Facility (Pg 36)	School Gymnasium Upsize (Pg 41)
3rd Street Reconstruction and Streetscaping (Pg 37)	Integrated Customer Service Strategy (Phase 1 & 2) (Pg 41)

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Integrated Customer Service Strategy (Pg 42)	Fairmont Lake Park Washrooms (Pg 45)
Yates Funding AMENDMENT (Pg 43)	Neighbourhood Skate Park (SLP Skate Park) (Pg 45)
Aquatics Centre Funding AMENDMENT (Pg 43)	West Lethbridge Centre Washrooms (Sports Fields) (Pg 45)
Community Skate Park (Pg 44)	Community Reserve Fund (Pg 46)
Lethbridge Sports Park Change Rooms (Pg 44)	DIRECTIONAL
	Downtown Washrooms (Pg 45)
	Draft 2014-2023 CIP Amended (Pg 46)

MINUTES of a **Finance Committee Meeting** held on **Monday, September 10, 2012** in CITY COUNCIL CHAMBERS at 1:00 PM with the following attendance:

PRESENT:	Deputy Mayor	F.G. Ellis
	Mayor	R. Dodic (left at 2:30PM)
	Councillor	J.A. Coffman
	Alderman	dL.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
	Alderman	T.H. Wickersham
OTHERS:	City Clerk	A Neufeld
	A/Legislative Coordinator	K.Schindel
	City Manager	G. Sherwin
	City Solicitor	D. Hudson (left at 2:20PM)
	City Treasurer	C. Wight
	Director of City Manager’s Office	K. Hopkins
	A/Director Infrastructure Services	D. Juell
	Director of Community Services	B. Beck (left at 2:20PM)
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier (left at 2:45 PM)
ABSENT:	Councillor	J.H. Carlson

PRESENTATIONS:

1.1. Corey Wight, City Treasurer, re Overview of the CIP Process

Mr. Wight, advised that the intention of the overview is to provide members of the Finance Committee with some of the background information needed for the upcoming Capital Improvement Program (CIP) presentations, discussions and decisions.

He stated that the objective is to approve a four year Capital Improvement Program (2014-2016) within a ten year capital plan (2014-2023) with a target approval for June, 2013. He stated that the operating costs that flow from this capital plan will feed the 2015-2017 Operating Budget.

Mr. Wight gave a summary of the fiscal principles, practices and policies which are followed in developing the CIP. He reviewed the CIP funding sources which included the “Pay-As-You-Go funding” (PAYG), provincial and federal grants, and offsite levies.

After debating the resolutions to either amend and/or approve the CIP by the Finance Committee, the recommendations will be presented at the City Council meeting of June 24, 2013.

L.M. Iwaskiw:

THAT we do now adjourn this Finance Committee Meeting:

Absent: R. Dodic, J.H. Carlson

In Favour: J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker, T.H. Wickersham

MINUTES of a **Financial Committee Meeting** held on **Monday, September 24, 2012** in CITY COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Chair - Deputy Mayor	B.D. Mearns
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Alderman	T.H. Wickersham
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Manager's Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier
ABSENT:	Alderman	R.K. Parker

Deputy Mayor Mearns, Chair of Finance Committee, advised that City Council will be meeting over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023. Although the CIP is a 2014 - 2023 Plan, City Council will only be approving the first three years of projects, 2014 – 2016. This is important as the operating costs that flow from this Capital Plan will feed the 2015-2017 Operating Budget. The Capital Improvement Program needs to be balanced within the three year window.

The Capital Improvement Program is a plan which matches the capital wants, needs, and priorities of the community with a financial strategy. Over the next several months, the Finance Committee will receive presentations on various proposed projects and CIP related items. There will also be opportunity for community consultation and input.

No decisions are made at the Finance Committee meetings. Members of the Finance Committee are encouraged to ask questions needed to gain a thorough understanding of each project. Debate and resolutions are scheduled for the week of May 6 – 10, 2013. Subsequently, a draft CIP document will be presented at the June 17th, 2013 Finance Committee meeting. The Capital Improvement Plan is scheduled to be approved at the July 8th, 2013 City Council meeting.

The presentations today are Corey Wight, City Treasurer and Doug Hawkins, Director of Infrastructure Services.

PRESENTATIONS:

1.1. Corey Wight, City Treasurer, re Distribution of Capital Improvement Program (CIP) 2014 - 2023 Working Draft Binder including Offsite Levy Project Sheets

Corey Wight, City Treasurer advised that the Capital Improvement Plan Binder has been distributed to each member of City Council. Included in the binder at the present time are the Offsite Levy pages related to the projects that Byron Buzunis presented at the last Finance Committee meeting. Information will be coming periodically and should be included in this binder.

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1.2. Doug Hawkins, Director of Infrastructure Services, re Infrastructure Services Capital Improvement Program (CIP) Update

Doug Hawkins, Director of Infrastructure Services advised that the focus of the presentation today would be on existing CIP specifically with a focus on transportation and environmental utilities providing a status update and what we are doing in regards to building the next CIP. Mr. Hawkins provided a graph of the project design process from project inception to CIP approval to project completion.

Transportation:

Mr. Hawkins reported on the Transportation project identification and prioritization factors and provided details on major existing transportation projects in the current three year CIP and outlined the funding sources.

Waste and Recycling Services/Water and Waste Water Utilities/Electric Utilities

Mr. Hawkins reported on Waste and Recycling Services, Waste and Waste Water Utilities and the Electric Utility project identification and prioritization factors and provided details on major existing projects in the current three year CIP and outlined the funding sources.

Mr. Hawkins reported on emerging projects and other issues/pressures impacting the CIP.

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Corey Wight, City Treasurer, provided an overview of upcoming Finance Committee meetings.

L.M. IWASKIW:

THAT we do now adjourn this Finance Committee meeting.

Absent: R.K. Parker

In Favour: B.D. Mearns, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, T.H. Wickersham

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, October 22, 2012** in CITY COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Chair, Deputy Mayor	B.D. Mearns
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Alderman	R.K. Parker
	Alderman	T.H. Wickersham
OTHERS:	Deputy City Clerk	D. Sarsfield
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Treasurer	C. Wight
	Director of City Manager’s Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene

PRESENTATIONS:

Deputy Mayor Mearns, Chair of Finance Committee, advised that City Council will be meeting over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023.

Over the next several months, the Finance Committee will receive presentations on various proposed projects and CIP related items. There will also be opportunity for community consultation and input. No decisions are made at the Finance Committee meetings. Members of the Finance Committee are encouraged to ask questions needed to gain a thorough understanding of each project. Debate and resolutions are scheduled for the week of May 6 – 10, 2013. Presentations today are from Bary Beck, Director of Community Services and Doug Hawkins, Director of Infrastructure Services

1.1. Bary Beck, Director of Community Services, re Community CIP 2011 - 2020 Projects Update:

- **Community Services Projects**
- **Corporate Facilities**
- **Parks**
- **Community Initiatives**

Bary Beck, Director of Community Services provided an update on Section D, Community projects approved in the 2011 - 2020 Capital Improvement Plan. He provided information relative to funding sources and project status of the following projects:

- ENMAX Centre Renovations and Expansion, D-10
- Community Arts Centre, D-5
- Crossings Ice Complex (Twin Ice Centre), D-30
- Helen Schuler Nature Centre, D-18
- Transit Facility Addition and Renovation, D-25
- Police Headquarters Addition and Renovation, D-24
- Cemetery Master Plan and New Site, D-11
- Nicholas Sheran Ice Centre Renovations and Additions, D-6
- Rotary Picnic Shelter
- Transit Breeze Card, D-27

- Transit Fleet Replacement, D-9
- Access-A-Ride Fleet, D-8
- Public Art/Art Acquisition Program, D-28

Doug Hawkins, Director of Infrastructure Services provided information on funding sources and project status on the following Corporate Facilities:

- Public Operations Site, D-7
- Westside Depot, D-22

Bary Beck provided a project update on the following Parks Projects:

- Nicholas Sheran Playground, D-19
- Southside Parks Depot, D-23
- Parks Asset Management, D-21
- Parks Pathway System, D-33
- North Lethbridge Regional Park Design, D-26
- Mountain Bike Park, D-20

and the following Community Projects:

- Tech Commercialization Centre, D-29
- Bill Kergan Centre Renovation, D-31
- Exhibition Infrastructure Upgrades, D-32

Mr. Beck reported on the Master Plans approved in the previous CIP and provided an overview of the Community Project Identification Process.

1.2. Doug Hawkins, Director of Infrastructure Services, re Levels of Service and Service Standards Overview - Infrastructure Services

Doug Hawkins, Director of Infrastructure Services reported on the levels of Service and Services Standards for the following:

- Transportation - condition assessments of roads, sidewalks and bridges, traffic operations and planning, intersection service standards and traffic signals
- Water, Wastewater and Stormwater - Alberta Environment regulatory compliance, operational standards, system reliability and underground utilities
- Electric Utility - Service Standards
- Regional Landfill - regulatory compliance

ADJOURN:

J.H. CARLSON:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: B.D. Mearns, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, R.K. Parker, T.H. Wickersham

----- CARRIED

MINUTES of a **Financial Committee Meeting** held on **Monday, November 5, 2012** in CITY COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Deputy Mayor	B.D. Mearns
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Alderman	T.H. Wickersham
OTHERS:	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Manager’s Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier
	A/City Clerk	D Sarsfield
ABSENT:	Alderman	R.K. Parker

PRESENTATIONS:

Deputy Mayor Mearns, Chair of Finance Committee, advised that City Council will be meeting over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023.

1.1. Water and Wastewater CIP 2014-2023 Projects

Doug Kaupp, Water, Wastewater and Stormwater Manager, provided an overview of the proposed Capital Improvement Program outlining the project identification and methods of prioritization. Projects identified include:

Wastewater

- Wastewater Treatment Plant Headworks and Clarifier Upgrade (E-13)
- Wastewater Treatment Plant Cogeneration Upgrade (E-14)
- Wastewater Treatment Plan Additional Digester (E-15)
- Treatment Plants SCADA Upgrade (E-16 & E-25)
- Wastewater Lift Station Rehabilitation (E-17)
- Wastewater Treatment Plant Security (E-18)
- Wastewater Treatment Plant Additional Bioreactors (E-19)

Stormwater:

- Stormwater Outfall Rehabilitation (E-20)

Water:

- Water Treatment Plant Process Redundancy (E-21)
- Water Reservoir Upgrades (E-22)
- Water Treatment Plant Residuals Management (E-23)
- Water Treatment Plant High Voltage System Upgrade (E-24)
- Water Treatment Plant and Reservoir Security (E-26)
- Water Treatment Plant Additional Filters (E-27)

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1.2. Electric Capital Improvement Plan 2014 to 2023 Presentation

Otto Lenz, Electric Manager, advised that Electric CIP Projects serve to meet regulatory requirements, respond to system growth, maintain or enhance system performance and replace assets at the end of their lifecycle. Transmission CIP projects are funded through a 'transmission rate' that is approved by the Alberta Utilities Commission (AUC) and paid for by the Province through the Alberta Electric System Operator (AESO). Distribution CIP projects are primarily funded through utility rates.

Mr. Lenz provided an overview of the proposed Electric Utility projects and programs for the Capital Improvement Program. He spoke to the classification of Electric Plant relative to transmission, distribution and support. He explained why the Capital Plan is primarily program as opposed to project based.

Mr. Lenz spoke to the Transmission Projects and reported on those projects either completed or underway and new projects that are like-for-like replacement or require AESO and AUC approval. He advised that Distribution Projects are typically based on a percentage of plant value or projects selected based on assessments.

Distribution Projects:

- New Plant Extensions (F-14)
- Underground Cable Replacement (F-15)
- Overhead Line Replacement (F-16)
- Infrastructure Replacement Program – Underground (F-15)
- Secondary Metering (F-17)

Support Projects:

- Fiber Network (F-18)
- Electric System Communication (F-19)
- AM/FM and Work Management (F-23 and F-24)
- SCADA (F-27)
- Critical Infrastructure (F-25)
- Fleet (F-20)
- Other - Environment (F-22) and Major Tools (F-26)

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1.3. Waste and Recycling Services CIP 2014-2023 Projects

Dave Schaaf, Waste and Recycling Services Manager, provided an overview of the proposed Waste and Recycling Services projects in the 2014 to 2023 Capital Improvement Program. He reported that the CIP projects meet a number of objects - meet regulatory requirements, manage maintenance or replacement of assets and maintain or enhance levels of service and projects have been prioritized to create a balance between level of service and affordability. Mr. Schaaf reported that 2014 to 2016 CIP projects include:

Waste and Recycling Centre:

- Disposal Cell Development (E-7)
- Landfill Gas and Leachate Management System (E-8)
- Construction and Demolition Processing Area (E-9)
- Perimeter Berms and Fencing (E-10)
- Waste Processing Facility Upgrade (E-11)

Other:

- Recycling Depot (E-12)

Doug Hawkins, Manager of Infrastructure Services advised that Mr. Schaff had not addressed an existing CIP project, (E-8) Environmental Management at Closed Landfill Sites. This project will be coming to City Council in late November or early December with a request for approval to accelerate this project because it is in our best interest to do this project sooner.

SUBMISSIONS:

- 2.1. **Distribution of 2014-2023 Capital Improvement Program Working Draft: Environmental Utilities & Electric Utility**
-

ADJOURN:

T.H. WICKERSHAM:

THAT we do now adjourn this Finance Committee Meeting.

Absent: R.K. Parker

In Favour: B.D. Mearns, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, T.H. Wickersham

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, November 19, 2012** in COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Deputy Mayor	B.D. Mearns
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Alderman	R.K. Parker
	Alderman	T.H. Wickersham
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Manager’s Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

2. PRESENTATIONS:

Deputy Mayor Mearns, Chair of Finance Committee, advised that City Council is sitting as Finance Committee to review the Capital Improvement Program with a presentation today from Darwin Juell, Transportation Manager.

2.1 Darwin Juell, Transportation Manager, re Transportation CIP (2014-2023) Projects

Darwin Juell, Transportation Manager advised that Transportation CIP requests are identified as to maintain (improve) safety, preserve infrastructure - rehabilitation, upgrade existing system and to provide access for growth, funded from offsite levy. He identified that eighty percent of the projects are funded through Provincial/Federal Grants, generally Basic Municipal Transportation Grant (BMTG) and the others funded from Pay as you Go and Offsite Levies. He highlighted how projects get identified and the impact of the Integrated Community Sustainability Plan/Municipal Development Plan (ICSP/MDP) on decisions. Mr. Juell identified the projects as follows:

Maintain Safety Projects:

- C-5 Intersection improvements - Non-growth
- C-6 Bikeways/Pathways on Roadways
- C-7 Gravel Road Upgrading
- C-8 Barrier Free Pedestrian Access Improvements

Preserve Existing Infrastructure Projects:

- C-9 Arterial Rehab
- C-10 Bridge Rehab
- C-11 Railway Rehab Program
- C-12 Traffic Signal Replacement
- C-13 Major Sidewalk Rehab
- C-14 Paved Lane Rehab
- C-15 Community Lighting Rehab
- C-16 Prelim Design - Whoop-up Drive Interchange Improvements
- C-17 Transportation Master Plan

Mr. Juell advised that growth projects CO-5 to CO-12 were presented to City Council during the Offsite Levy Review presentation on September 24, 2012.

3. SUBMISSIONS:

3.1. Hailey Pinksen, Financial Planning & Budget Supervisor, re Distribution of 2014-2023 Capital Improvement Program Working Draft: Transportation (CIP Projects C-5 to C-17)

4. ADJOURN:

R.K. PARKER:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: B.D. Mearns, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, R.K. Parker,
T.H. Wickersham

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, February 11, 2013** in COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	A/Legislative Coordinator	K. Schindel
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Managers Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

2. PRESENTATIONS:

Deputy Mayor Wickersham, Chair of Finance Committee, advised that Finance Committee will continue to meet over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023. Although the CIP is a 2014 - 2023 plan, City Council will only be approving the first four years of projects, 2014 – 2017.

Today will be the first of four days of presentations dealing with “Section D”, or Community projects. City administration will make presentations today, February 25th, and March 11th. Representatives from community groups will be here on March 25th to present information on their proposed projects.

Following these four days of presentation, there will be opportunity for public input. The public input process will include storyboard summaries of all projects proposed for Finance Committee consideration and will be displayed in the City Hall foyer beginning April 2nd. An open house will be hosted by members of City Council and the Administration on April 2nd. The open house will also include a presentation by the City Treasurer explaining the capital budget process.

Finance Committee will host a public meeting in Council Chambers on April 15 to allow citizens the opportunity to provide direct comments to the Committee.

Presentations today are from Kathy Hopkins, Director of the City Manager’s office and Bary Beck, Director of Community Services. Ms. Hopkins will be discussing the Capital budget process and Mr. Beck will be presenting individual projects for consideration in the Capital Budget.

2.1. Bary Beck, Director of Community Services, re: Capital Improvement Program (CIP) City Initiative Projects (Day 1 of 4)

Kathy Hopkins, Director of City Managers Office stated that today, City Council will be provided with an overview of the proposed projects in Section D of the 2014 – 2023 Capital Improvement Program. This is a complicated area because these projects come from within the corporation including services we provide and from the community and all end up in the same place competing for funding.

Ms. Hopkins reviewed the public engagement process and highlighted key dates such as the open house, public meeting and future project presentations. The projection prioritization that takes place in May will be combination of matching funding to what is perceived to be the highest priority.

Bary Beck, Director of Community Services discussed CIP Community Section D projects. Mr. Beck discussed how projects were identified which includes existing facility condition (condition/functionality) and master plans and other studies (new projects).

The CIP Community Section D projects include:

Protective Services

- South Side Fire Station
- Radio Replacement
- Traffic Signal Preemption

Performing Arts Strategy

- Yates Renewal
- Yates Enhancement
- Performing Arts Centre

Arena Strategy

- Enmax Air Conditioning
- Arena Replacement
- Labor Club Renewal

Historic Building Preservation

- Bowman Preservation
- Galt Museum Preservation

3. ADJOURN:

R.K. PARKER:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: B.D. Mearns, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, R.K. Parker,
T.H. Wickersham

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, February 25, 2013** in COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Deputy Mayor, Chair	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Manager’s Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier
ABSENT:	Alderman	J.P. Mauro
	Councillor	B.D. Mearns

2. PRESENTATIONS:

Deputy Mayor Wickersham, Chair of the Finance Committee advised that Finance Committee will continue to meet over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023. Although the CIP is a 2014 - 2023 plan, City Council will only be approving the first four years of projects, 2014 – 2017. This is important as the operating costs that flow from this Capital Plan will feed the 2015-2018 Operating Budget. The Capital Improvement Program is a plan which matches the capital wants, needs, and priorities of the community with a financial strategy and needs to be balanced within the four year window.

Finance Committee has previously received presentations and draft capital budgets for Offsite Levy projects (September 24, 2012), Utility projects (November 5, 2012), and Transportation projects (November 19, 2012). The funding and proposed project costs have been balanced for those sections. The funding available for those sections (such as Offsite Levies, Utility rates, Transportation grants) is restricted to those projects and is not typically available to fund the Community projects we will continue discussing today.

Today will be the second of 4 days of presentations dealing with “section D”, or Community projects. City administration made a presentation on February 11th and will make a second presentation today. There will be a third presentation from City administration on March 11th. Representatives from community groups will be here on March 25th to present information on their proposed projects.

The order of the presentations does not reflect priority! It is simply a practical issue of grouping like projects and allowing for information that is still being gathered in some cases.

Following these four days of presentation, there will be opportunity for public input. The public input process will include storyboard summaries of all projects proposed for Finance Committee consideration and will be displayed in the City Hall foyer beginning April 2. An open house will be hosted by members of City Council and the Administration on April 2nd. The open house will also include a presentation by the City Treasurer explaining the capital budget process.

Finance Committee will host a public meeting in Council Chambers on April 15 to allow citizens the opportunity to provide direct comments to the Committee.

No decisions will be made at this Finance Committee meeting. Members of the Finance Committee are encouraged to ask questions needed to gain a thorough understanding of each project. Administration may be required to return with further information, so everyone is ready for the debate and resolution sessions from May 6 – 10th. The Capital Improvement Plan is scheduled to be approved at the June 24th, 2013 City Council meeting.

Presentations today are from Jeff Greene, Director of Planning and Development Services and Doug Hawkins, Director of Infrastructure Services.

2.1. Jeff Greene, Director of Planning and Development Services and Doug Hawkins, Director of Infrastructure Services, re: Capital Improvement Program (CIP) City Initiative Projects (Day 2 of 4)

Jeff Greene, Director of Planning and Development Services, advised that he would be presenting on the Heart of Our City projects identified through the Heart of Our City Master Plan and the Public Realm Study (PRATS), followed by Doug Hawkins, Director of Infrastructure Services presenting on Parks and Infrastructure Support projects.

Mr. Greene reported on the following projects:

- 3rd Avenue Reconstruction and Streetscaping (Phase 1 - 4th Street to 8th Street South)
- 5th Street Reconstruction and Streetscaping (Phase 2a - 1st Avenue to 4th Avenue South)
- 5th Street Reconstruction and Streetscaping (Phase 2b - 4th Avenue to 6th Avenue South)

He advised that all redesign and replacement of these areas is to improve pedestrian environment through widening sidewalks, tree planting, street furniture and additional parking spaces. The projects will also include replacement of some of the oldest underground utilities in the City.

Downtown Washrooms

Mr. Greene reported on the purchase and installation of two free-standing public washrooms in the Downtown core.

Downtown Parking Garage

Mr. Greene advised on a proposed 376 stall parking garage to replace the 107 stall surface parking lot located on the corner of 5th Avenue and 8th Street South

On-Street Parking Meter Lifecycle Replacement

Mr. Greene reported that there are currently a little over 1,600 parking meters in the Downtown and approximately 95% are greater than 25 years old. The housings and support poles are showing signs of wear and many cannot be reprogrammed to accept new coins or other payment methods. Various methods of pay-parking systems are available and will be investigated.

Doug Hawkins, Director of Infrastructure Services, spoke to Capital Improvement Projects relative to the Parks network:

North Lethbridge Regional Park

Mr. Hawkins advised that this is the single most significant project currently on the books with respect to an expansion of the parks network. This project was previously approved in the current CIP. The Master Concept Plan is presently being completed. In 2014-15 Phase one of the Park will be constructed which includes basic park amenities such as grading, storm water management, irrigation systems, etc. What is still required for City Council to decide is the basic

amenities for this park over the next three to ten year period. A more refined and detailed list of the actual amenities proposed with costing will be provided to City Council in April.

Parks Washrooms

Mr. Hawkins reported on the projects for following locations:

- Nicholas Sheran Picnic Shelter and Washroom
- Lakeview Washrooms and Concession
- West Lethbridge Centre Washrooms
- Sherring Park Change Rooms
- Fairmont Park Washroom

New Pathways – Expansion of the Pathway System

Mr. Hawkins advised that the Bikeways and Pathways Master Plan recommends the addition of 23.7 km of pathways in the short term and 106.3 km of pathways in the mid and long term. He identified locations recommended for pathway construction in the next CIP and described the projects. The projects being recommended are to provide pathway continuity and fix issues.

New School Site Development

Mr. Hawkins reported that this project consists of the landscaping of two undeveloped school sites located in the Legacy Ridge and Copperwood communities. When a new school is sited and ultimately built, the City participates in the development of the sports fields and landscaping of the school yards. These two school sites will be required when the schools are built in the next four years.

The Public School Board has indicated that the school in the Uplands/Blackwolf communities will not be built for several years but given that the neighbourhood is almost complete and residential development now surrounds it, advancing the landscaping and school yard might be prudent, recognizing that at some future date there will be a school sited there.

Parks Asset Management - Park Lighting Lifecycle Replacement

Mr. Hawkins advised that a major retrofit of all Parks lighting is required to bring it up to a consistent and common standard as well as providing significant efficiencies in energy savings and net reduction in operating costs.

Infrastructure Support Facilities

- South Side Parks Depot
- West Lethbridge Operations Depot - Phase 2

Mr. Hawkins advised that these sites will provide more efficient deployment of equipment and resources to meet growth demands in the South and West sides.

4. ADJOURN:

R.K. PARKER:

THAT we do now adjourn this Finance Committee Meeting.

Absent: J.P. Mauro, B.D. Mearns

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, March 11, 2013** in COUNCIL CHAMBERS at 1:30 PM

PRESENT:	Chair, Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson (arrived at 1:41 PM)
	Councillor	J.A. Coffman (arrived at 1:40 PM)
	Alderman	F.G. Ellis (arrived at 1:42 PM)
	Alderman	L.M. Iwaskiw (absent 2:00 to 2:28 PM)
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Manager's Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene

2. PRESENTATIONS:

Deputy Mayor Wickersham, Chair of the Finance Committee advised that the Finance Committee will continue to meet over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023. Although the CIP is a 2014 - 2023 plan, City Council will only be approving the first four years of projects, 2014 – 2017. This is important as the operating costs that flow from this Capital Plan will feed the 2015-2018 Operating Budget. The Capital Improvement Program is a plan which matches the capital wants, needs, and priorities of the community with a financial strategy and needs to be balanced within the four year window.

Today will be the third of four days of presentations dealing with “section D”, or Community projects. City administration made a presentation on February 11th and 25th will make their third presentation today. There will be a fourth presentation with representatives from community groups here on March 25th to present information on their proposed projects.

The order of the presentations does not reflect priority! It is simply a practical issue of grouping like projects and allowing for information that is still being gathered in some cases.

Following these four days of presentation, there will be opportunity for public input. The public input process will include storyboard summaries of all projects proposed for Finance Committee consideration and will be displayed in the City Hall foyer beginning April 2. An open house will be hosted by members of City Council and the Administration on April 2nd. The open house will also include a presentation by the City Treasurer explaining the capital budget process.

Finance Committee will host a public meeting in Council Chambers on April 15 to allow citizens the opportunity to provide direct comments to the Committee.

No decisions will be made at this Finance Committee meeting. Members of the Finance Committee are encouraged to ask questions needed to gain a thorough understanding of each project. Administration may be required to return with further information, so everyone is ready for the debate and resolution sessions from May 6 – 10th. The Capital Improvement Plan is scheduled to be approved at the June 24th, 2013 City Council meeting.

Presentations today are from Bary Beck, Director of Community Services and Kathy Hopkins, Director of City Manager's Office.

2.1. Bary Beck, Director of Community Services and Kathy Hopkins, Director of City Manager's Office, re: Capital Improvement Program (CIP) City Initiative Projects (Day 3 of 4).

Bary Beck, Director of Community Services provided an overview of the key dates relative to the process overview for Community Section D. Projects within the 2014 to 2017 time frame will be considered for approval in the 2014 - 2023 Capital Improvement Program. Projects occurring 2018 to 2023 are planned projects for consideration in the future.

Mr. Beck provided an overview of the following projects:

- Skateboard Strategy - completion of the Henderson Skateboard Park 2013/2014. Mr. Beck advised that once all funding is in place this project will move forward, possibly as early as this summer for a fall opening. A Neighbourhood Skateboard Park for the North side is shown as commencing in 2017 but could be moved into the future and a Community Skateboard Park, likely at West Lethbridge Centre is planned for 2017 to 2023.
- Minor Baseball Strategy - completion of a Minor Baseball Master Plan 2014 to 2017. Minor baseball fields are municipal assets requiring maintenance. Working together with the baseball groups, we can identify immediate projects.
- Fritz Sick Parking Lot - redesign and reconstruction of the parking lot between Fritz Sick Centre and the Yates required to correct a design flaw in order to improve storm water drainage.
- School Gymnasium Upsize at two Elementary Schools (Copperwood and Legecy Ridge) - School gymnasiums are utilized by the public in the evenings. Historically the City has contributed funds to increase the size of gymnasiums from an elementary school size to a middle school size.
- Henderson Pool - replacement of the pool basin and mechanical systems and the addition of new amenities such as spray toys, slides, tot area. New circulation equipment will be installed, eliminating the leaking piping and improving the quality of the water and efficiency of the facility.
- Leisure Centre - Full Build Out (Option 1) - new asset with program components including aquatics leisure pool, fitness centre, two gyms, field house, child care, indoor playground, food and beverage, youth centre and retail.
- Leisure Centre Phase I (Option II) - new asset through the construction of a leisure pool and fitness centre only.

Kathy Hopkins, Director of City Manager's Office presented the Integrated Customer Service Strategy which is to develop a Master Plan to:

- review our current practices with respect to people, processes, and technology that support our customer service
- describe our preferred future state including an evaluation of centralized call centre
- describe an implementation strategy including:
 - recommended phasing
 - the capital costs and operating costs including acquiring new software and repurposing existing office and front counter space

Phase II - implementation of a Customer Care Centre which may include

- development of a central call centre including telephone requirements
- an enterprise customer response management system and technology interfaces to existing work order systems
- potential renovations to existing office and front counter spaces

3. ADJOURN

J.P. MAURO:

THAT we do now adjourn this Finance Committee meeting.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

MINUTES of a **Financial Committee Meeting** held on **Monday, March 25, 2013** in COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Chair, Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier
ABSENT:	Councillor	J.A. Coffman

2. PRESENTATIONS:

Deputy Mayor Wickersham advised that Finance Committee will continue to meet over the next several months to prepare the 10 year Capital Improvement Program (CIP) for 2014 – 2023. Although the CIP is a 2014 - 2023 Plan, City Council will only be approving the first four years of projects, 2014 – 2017. This is important as the operating costs that flow from this Capital Plan will feed the 2015-2018 Operating Budget. The Capital Improvement Program is a plan which matches the capital wants, needs, and priorities of the community with a financial strategy and needs to be balanced within the four year window.

Finance Committee has also previously received three days of presentations from Administration dealing with “Section D”, or Community projects.

Presentations today will be from representatives from community groups who will provide us with information on their proposed projects.

In preparation for this meeting, on February 21, 2013 Community Services hosted a public meeting where members of the community with capital projects in mind could receive additional information on the CIP process including information about the Community Capital Grants program. Thirty-five individuals attended this meeting where they received information on how to apply for a Community Capital Grant where applicable or what steps to take to have their project considered in the CIP.

Following today’s presentation, there will be opportunity for public input. The public input process will include storyboard summaries of all projects proposed for Finance Committee and will be displayed in the City Hall foyer April 2 - 5. An open house on April 2nd between 6 pm – 8 pm will be hosted by members of City Council and the Administration. The open house will also include a presentation at 7:00 pm in Council Chambers by the City Treasurer explaining the capital budget process.

Finance Committee will host a public meeting beginning at 5 pm in Council Chambers on April 15 to allow citizens the opportunity to provide direct comments to the Committee.

No decisions will be made at this Finance Committee meeting. Members of the Finance Committee are encouraged to ask questions needed to gain a thorough understanding of each project. Administration may be required to return with further information, so everyone is ready for the debate and resolution sessions from May 6th – 10th. The Capital Improvement Plan is scheduled to be approved at the June 24th, 2013 City Council meeting.

Presentations today are from various organizations within our Community. Finance Committee received the information in the Agenda providing them with an opportunity to review it.

2.1. Rudy Friesen, General Manager, Exhibition Park, Don Young, President, Lethbridge and District Exhibition Board of Directors and David Woodman, Regional Managing Partner - Advisory Services MNP, re: Development Plan for Exhibition Park

Alderman Mearns declared a conflict because she is employed at Exhibition Park and left City Council Chambers.

Don Young, President, Lethbridge and District Exhibition Board of Directors provided a review of the activities of the Joint Committee of the City of Lethbridge and the Lethbridge and District Exhibition. He provided information on the Development Plan and the highlights from the Market and Community Needs Assessment.

Rudy Friesen, General Manager, Exhibition Park reported on the design principles and displayed diagrams of the Exhibition Park Site Design including a 250,000 sq. ft. Trade and Convention Centre which would be Phase 1. He reported that Phase 2 would be a 75,000 sq. ft. Agriplex and displayed diagrams of the exterior and floor plan. Mr. Friesen reported on the Exhibition Park Capital Costs for Phase 1 and Phase 2.

David Woodham, Regional Managing Partner - Advisory Services MNP reported that the financial principles for this project are business case driven, sustainability and economic contribution. He explained that the development will generate three major sources of revenue and reported that the positive net operating income is sustainable. He highlighted the economic contribution to the community and outlined the funding model.

Mr. Young reported on the key components of the plan, the community support and the funding strategy.

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2.2. Allan Friesen, President Southern Alberta Firearms Education Society (SAFE) and Rick Blakeley, President, Lethbridge Fish and Game Association, re: Lethbridge Fish and Game Association - Relocation of the Shooting Range

Alderman Mearns returned to Council Chambers.

Allan Friesen, President, Southern Alberta Firearms Education Society (SAFE) reported that four charter organizations have come together - Chinook Country Shooters Club, Lethbridge Fish and Game, Lethbridge Fish and Game Handgun Club and Lethbridge Revolver Club to form the Southern Alberta Firearms Education Society (SAFE Society) and they will be the presenters today. He advised that City Council and Lethbridge Fish and Game Society have had discussions regarding relocation of the current shooting range located in Peenaquim Park to an area outside the City of Lethbridge that would meet both current and future needs. He reported on the SAFE Society vision and membership, reporting that the overall sport is expanding and growing.

Mr. Friesen reported that they would like to retain the current site for archery expansion and recreational events such as paintball or other outdoor sports. He advised that:

1. Phase 1 would be to find and acquire 200 acres of land, get zoning approval and design the outdoor range (2014 CIP).
2. Phase 2 would be to build ranges 2s, 2, 3, 4 and 5 plus necessary fencing, roads, parking, maintenance and bathrooms as well as design of the Administrative and Indoor Shooting Range (2018 CIP).

3. Phase 3 would be the design and build of the Administrative and Indoor Shooting Range Building (2022 CIP). Mr. Friesen provided details on the three Phases and the costing involved.

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2.3. Kevin Kvame, Lethbridge Baseball Collaboration Initiative and Tom Hopkins, Consultant, re: Development of an Indoor Training Facility, Facility Study Exploring Upgrades and New Construction of Outdoor Baseball Facilities

Kevin Kvame, Lethbridge Baseball Collaboration Initiative provided the history and rationale for the formation of the Collaboration Initiative. He reported that baseball needs to look at the future. Key elements are maintenance, operation and capital development of baseball facilities in the City. Strategic activities of the Collaboration are to identify new programs, review current outdoor facilities, look for suitable locations for new development and to advocate for an indoor facility for year round training and development. He reported that the five pillars of baseball in Lethbridge are Spitz Stadium, Lloyd Nolan Yard, Lakeview Baseball Complex, Dave Elton Baseball Complex/Canola Field and Atso Tawwa Baseball Complex.

Tom Hopkins, Straight Arrow Consulting reported on the renovation, expansion and upgrades required to the five baseball facilities. He identified the renovations required and the proposed changes to each facility. Mr. Hopkins advised that a new baseball pillar would be the Indoor Facility. He reported that in 2010 Prairie Baseball undertook a planning exercise to look at the development and operation of an indoor training facility. Fabric structure and steel structures were considered. It was determined that a steel built building would be most suitable and could be used for training, community use and public functions.

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2.4. Kevin Kvame, Spitz Stadium Society and Alvin Fritz, Alvin Reinhard Fritz Architect Inc., re: Phase 2 Development at Spitz Stadium

Kevin Kvame provided a project update on the Spitz Stadium and reported that Phase 1 of the project is nearly complete. Phase 2 is ready to proceed but needs CIP funding. He provided information on the use of Spitz Stadium and competitiveness with other communities. The aging facilities and lack of ongoing training opportunities have become their largest weakness. Phase 2 will address all current deficiencies, be functional and address community needs.

Alvin Fritz, Fritz Reinhard Architect Inc. provided an overview of the existing conditions and deficiencies on the exterior and interior of Spitz Stadium. He reported that the structure of the facility is sound and capable of the proposed expansion. He displayed drawings and pictures of additions and renovations to the main and second floor.

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L.M. IWASKIW:

THAT we do now recess for the Public Hearing at 4:00 PM.

Absent: J.A. Coffman

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

J.H. CARLSON:

THAT we do now reconvene the Finance Committee Meeting.

Absent: J.A. Coffman

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

2.5. Alvin Fritz, Alvin Reinhard Fritz Architect Inc. and Les Toth, President, Galt #8 Mine Historic Site Society, re: Purchase of the Galt #8 Mine Site and Study regarding the Historic Program Opportunities

Alderman Mauro advised that he would have to leave the meeting at 5:30 PM due to a prior commitment.

Mr. Toth, President, Galt #8 Mine Historic Site Society, spoke about the development of the Society and the plans for the Historic Site.

Alvin Fritz, Alvin Reinhard Fritz Architect Inc., reported that this site is an incredible historic site with buildings that while old are in exceptionally good shape and quality. Mr. Fritz identified a number of opportunities building by building, highlighting the building features and suggesting potential uses for the buildings. He displayed a number of pictures and suggested potential uses such as walking tours, vintage displays, miner's feature, theatre, high-level viewing platform, interpretive exhibits and a Tipple restaurant and convention centre. He reported that the Society would start with three phases:

1. Site improvements and access
2. Warehouse Upgrades
3. Washhouse Upgrades

Mr. Fritz advised that a Feasibility Study is required to look at a business and marketing plan. He reported on the importance of the site access and advised he had contacted CP Rail and they would be willing to sell the 4.7 acres to the Historic Mine Society for \$120,000.

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2.6. Michael Plouffe, General Manager, Hans Lisowicz, Past President, Jim Kellington, Committee Chair and Brian McGladdery, President, Henderson Lake Golf Club, re: Henderson Lake Golf Club Master Plan and Financial Feasibility Analysis

Alderman Mauro was absent for this presentation.

Hans Lisowicz, Past President, Henderson Lake Golf Club, provided a history of the area and golf course. He advised that the current Clubhouse was built in 1964 following receipt of a 25 year lease. He reported on the capital improvements that have occurred since 1987 totaling almost \$2 million. He reported on the green fees revenue and charity tournaments held.

Jim Kellington, Committee Chair reported on the Facility Condition Assessment identifying that the building does not meet current Building Code Standards for fire safety, barrier free accessibility or energy efficiency. The existing Clubhouse is in severe need of significant building system repairs or upgrades. Mr. Kellington reported on the 2008 Facility Condition Report recommendations and options and reported that after the review of the recommendations and options, the most effective option is to replace the Clubhouse with a new Facility.

Michael Plouffe, General Manager, Henderson Lake Golf Club displayed a building diagram and floor plan diagrams.

3. ADJOURN

J.H. CARLSON:

THAT we do now adjourn this Finance Committee Meeting.

Absent: J.A. Coffman, J.P. Mauro

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- CARRIED

1. PRESENTATIONS:

1.1. Corey Wight, City Treasurer, re: How the Capital Improvement Program (CIP) Budget is Created

Corey Wight provided an overview on the Capital Improvement Program (CIP) process. He reported on the Capital Budget vs Operating Budget and advised that the Capital Budget is what is currently under consideration. He provided information on the CIP planning process, pre CIP planning, project identification from both City Administration and Community Groups, CIP events to date and proposed schedule.

Mr. Wight displayed graphs providing funding information on previously approved Capital Improvement Programs, the categories of projects (Transportation, Community, Environment Utilities and Electric Utility), their potential funding sources and available grants for each category. He advised that the CIP is a plan which matches the capital wants, needs and priorities of the community with a financial strategy. Mr. Wight presented a chart identifying the total project costs vs available funding.

MINUTES of a **Finance Committee Meeting** held on **Monday, April 22, 2013** in COUNCIL CHAMBERS at 1:00 PM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of City Managers Office	K. Hopkins
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier
ABSENT:	Alderman	L.M. Iwaskiw

2. PRESENTATIONS:

2.1. Corey Wight, City Treasurer, re: Draft 2014 - 2023 Capital Improvement Program (CIP)

Corey Wight, City Treasurer thanked all employees who were responsible for putting together the 2014 – 2023 Capital Improvement Program (Draft) binders. Mr. Wight then provided an overview of the 2014 – 2023 Capital Improvement Program (Draft). The binder contains white and green pages. The white pages are projects that have funding allocations determined while the green pages contain projects that the community has expressed interest in, however, no funding is committed to these projects at this point. Over the next ten years there is \$68,216 million dollars of unspent funds (unrestricted funding). During the CIP deliberations City Council may allocate these funds to currently unfunded capital projects (green pages). The Capital Improvement Program is a plan which matches the capital wants, needs, and priorities of the community with a financial strategy and needs to be balanced within the four year window of 2014 to 2017. During the week of May 6 – 10 City Council will be allocating funds to projects identified in the Capital Improvement Program for the 2014 – 2023 Capital Budget cycle.

3. ADJOURN

J.A. COFFMAN:

THAT we do now adjourn this Finance Committee Meeting.

Absent: J.H. Carlson, F.G. Ellis, L.M. Iwaskiw
In Favour: T.H. Wickersham, R. Dodic, J.A. Coffman, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

MINUTES of a **Finance Committee Meeting** held on **Monday, May 6, 2013** in **COUNCIL CHAMBERS** at 1:00 PM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro (arrived at 1:37 PM)
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

APPROVAL OF MINUTES:

J.A. COFFMAN:

THAT the minutes of the Finance Committee Meeting held on Monday, April 22, 2013 be approved.

Absent: J.P. Mauro

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- **CARRIED**

PRESENTATIONS:

Deputy Mayor Wickersham, Chair of the Finance Committee advised that this is the start of Finance Committee meetings for the week of May 6 to May 10, 2013 to discuss of the Capital Improvement Program (CIP) 2014 - 2023.

2.1. Garth Sherwin, City Manager, re: Introduction

Garth Sherwin, City Manager advised that two of City Council's most important undertakings each term is to complete an operating budget and a capital budget. The operating budget for 2012 - 2014 was completed in 2011 and attention is now focused on the Capital Improvement Program (CIP). The task is to complete preparations of a 10 year CIP for 2013 - 2023 that will be approved at the June 10th City Council Meeting. While this is a 10 year CIP, City Council will actually only be approving projects which will commence in the first four years (2014 - 2018) which will be factored into the 2015 - 2018 Operating Budget. Approving the CIP in June, will facilitate those projects scheduled for 2014 being ready for construction.

He reported that capital projects shape our community for years to come. Within this draft 2014 - 2023 Capital

Improvement Program projects are focused primarily on:

1. Completing previously approved projects
2. Taking care of assets we own
3. Considering new projects that will enhance the quality of life of our citizens

The projects Finance Committee will be reviewing flow from a multitude of planning documents completed over the past few years, including:

- Master Plans
- Facility Condition Audit
- Lethbridge Performing Arts Centre study
- Growth Management Plan
- Various Community based plans (i.e. Exhibition Park Development Plan, Lethbridge Baseball Collaboration Initiative, Spitz Stadium Society, Henderson Lake Golf Club Master Plan, Galt 8 Mine Historic Site, Shooting Range relocation, Lethbridge Skate Park Master Plan)

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2.2. Corey Wight, City Treasurer, re: Capital Improvement Program Funding

Corey Wight, City Treasurer provided information on previously approved Capital Improvement Programs (last four cycles). He reported on the project breakdown, funding sources and advised on unrestricted funding and the sources. He explained the Pay-As-You-Go strategy and the debt repayment capacity. An interactive spreadsheet will be used over the next week so that City Council can be instantly aware of the impact of their decisions on the unrestricted funding, operating impact on taxation and the total ten year unrestricted funding still available.

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2.3. Bary Beck, Director of Community Services, re: Capital Improvement Program 2014 to 2023, Project D-14, Yates Renewal, Option 3

Bary Beck, Director of Community Services, reported on a third option for Project D-14 Yates Memorial Centre Renewal. He advised that this option will include the replacement of the electrical system and lighting, two air handling units, fire alarm system, performance A/V systems, painting, flooring and two program involvements, relocation of the catwalk to offer better stage lighting and acoustic upgrades. This option provides the best opportunity to mitigate operational impact (closure). All plumbing work would be deferred to 2021.

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2.4. Finance Committee Discussion

ADJOURN:

B.D. MEARNS:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

MINUTES of a **Finance Committee Meeting** held on **Tuesday, May 7, 2013** in COUNCIL CHAMBERS at 9:00 AM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

FINANCE COMMITTEE DISCUSSION:

Deputy Mayor, Tom Wickersham, Chair of Finance Committee advised that Finance Committee will be meeting over the next week as a continuation of the process which began back in September, 2012. The task of the Finance Committee is to prepare a 10 year Capital Improvement Program (CIP (2014-2023)) that will be forwarded to City Council for approval at the meeting of June 10, 2013. He reported that this morning session was to provide time for Finance Committee members to ask questions and would be followed in the afternoon by resolution and debate.

RESOLUTION AND DEBATE:

2.1 D-43 (previously D-48) Exhibition Trade and Convention Centre

Deputy Mayor Wickersham advised that Councillor Mearns had declared a conflict because she works at the Exhibition Board and in order for her to participate in the budget deliberations the Lethbridge and District Exhibition request would be dealt with first.

Councillor Mearns left City Council Chambers.

T.H. WICKERSHAM:

WHEREAS the Lethbridge & District Exhibition is seeking \$25,000,000.00 from the City of Lethbridge regarding their proposed expansion plans;

AND WHEREAS the expansion plans contemplate receiving \$25,000,000.00 from each of the Provincial Government and Federal Government (\$50,000,000.00 total);

AND WHEREAS the Lethbridge & District Exhibition, as an organization, intends to fund the balance of the proposed expansion costs being approximately \$16,000,000.00;

AND WHEREAS numerous letters, e-mails AND signatures have been received in support of the expansion plans from individuals, organizations, municipalities and municipal districts including a letter of support from M.P. Jim Hillyer;

AND WHEREAS the proposed expansion plans involve construction on lands 100% owned by the City of Lethbridge;
THEREFORE BE IT RESOLVED THAT the following be included in the 2014 – 2023 CIP recommendations to City Council:

1. The City of Lethbridge commit \$25,000,000.00 towards the expansion project on the following conditions:
 - a. The balance of expansion costs of approximately \$66,000,000.00 come from other sources whether it be the Provincial Government, the Federal Government, the Lethbridge & District Exhibition or any other source not yet identified;
 - b. The Provincial component, if any, will not come from the present MSI or any replacement provincial grant that might come into effect; For greater clarity, any Provincial contribution towards the expansion project is required to be ‘new’ money and will not have the effect of reducing provincial grants available for other community projects;
 - c. That the City of Lethbridge’s conditional commitment of \$25,000,000.00 be for the 2018 CIP budget plan with the provision that, should satisfactory proof for the remaining balance of the expansion costs be provided to the City prior to that date, City Council will retain the right to modify this Resolution at any time;
 - d. The funding source of \$25,000,000.00 City contribution is to be identified once all other funds required to fund the project are in place;
 - e. Ownership of the lands and any buildings remain the sole property of the City of Lethbridge.

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

J.P. MAURO:

BE IT RESOLVED THAT funding source of \$25 million be approved and funded from the \$68M we currently have in our 2014 – 2023 CIP.

Absent: B.D. Mearns

In Favour: J.P. Mauro

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

----- DEFEATED

Vote on the original resolution:

Absent: B.D. Mearns

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

.....
2.2 D-5 through D-12 Previously Approved Projects

Councillor Mearns returned to City Council Chambers

R. DODIC:

BE IT RESOLVED THAT the following projects, identified in the 2014 – 2023 Capital Improvement Program, as “Previously Approved Projects”:

- D-5 Parks Asset Management
- D-6 Lethbridge Regional Police Headquarters Expansion
- D-7 Crossings Ice Complex
- D-8 Bill Kergan Centre Renovation

- D-9 Exhibition Infrastructure Upgrades and Replacement
- D-10 South Side Parks Depot
- D-11 North Regional Park
- D-12 Art Acquisition Program

be included in the recommendations to City Council.

Prior to a vote being called on the foregoing resolution, the following amendments were presented:

2.3 D-6 Lethbridge Regional Police Headquarters Expansion

J.P. MAURO:

BE IT RESOLVED THAT D-6, Lethbridge Regional Police Headquarters Expansion project be delayed until the second four year cycle of the Capital Improvement Program (CIP), 2018 – 2021 to free up funding today for other priorities that our community needs/wants within the first four years of the 2014 – 2017 CIP.

In Favour: J.P. Mauro

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- DEFEATED

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2.4 D-8 Southern Alberta Ethnic Association Facility (Previously Bill Kergan Centre Renovation)

J.P. MAURO:

BE IT RESOLVED THAT D-8, Bill Kergan Centre Renovation project be delayed until the second four year cycle of the Capital Improvement Program (CIP) 2018 – 2021 to free up funding today for other priorities that our community needs/wants within the first four years of the 2014 – 2017 CIP.

In Favour: J.A. Coffman, J.P. Mauro

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- DEFEATED

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2.5 D-12 Art Acquisition Program

J.P. MAURO:

BE IT RESOLVED THAT D-12 Art Acquisition Program be amended reducing the designation to 0.5% of Community Services capital projects to the commissioning of public arts programs from the current 1%;

AND FURTHER BE IT RESOLVED THAT funding for Art Acquisition be capped at \$250,000.

In Favour: J.P. Mauro,

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- DEFEATED

Vote on the original resolution:

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

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2.6 D-13 through D-29 Maintain Current Assets – Amended May 9, 2013

R. DODIC:

BE IT RESOLVED THAT the following projects, identified in the 2014 – 2023 Capital Improvement Program “Maintain Current Assets”:

- D-13 Henderson Pool
- D-14 Yates Renewal
- D-15 Historical Preservation of the Bowman Facility
- D-16 Galt Museum Preservation
- D-17 Labour Club Renewal
- D-18 Nicholas Sheran Picnic Shelter and Washroom Facility
- D-19 Park Lighting Replacement
- D-20 Traffic Signal Preemption
- D-21 South Side Fire Station Replacement
- D-22 Arena Replacement
- D-23 ENMAX Air Conditioning
- D-24 Pathway Connections
- D-25 Radio Replacement
- D-26 Fritz Sick Parking Lot
- D-27 Parking Meter Replacement
- D-28 Lakeview Washrooms and Concession
- D-29 West Lethbridge Operations Depot (Phase 2)

be included in the recommendations forwarded to City Council.

Prior to a vote being called on the foregoing resolution, the following amendments were presented:

2.7 D-23 ENMAX Air Conditioning

B.D. MEARNS:

WHEREAS part of the CIP 2014-2023 draft document is considered preapproved and funded based on City of Lethbridge Fiscal Principles, Practices and Policies, which states “Maintenance of current assets and infrastructure takes a higher priority than building new assets or infrastructure”;

WHEREAS the addition of air conditioning to the ENMAX Centre is an added level of service and not required in the maintenance of current asset and therefore outside of the policy;

WHEREAS it is City Council’s mandate to approve the Capital Improvement Program by prioritizing the capital requests of the corporation and community;

THEREFORE BE IT RESOLVED THAT the ENMAX Air Conditioning project be removed from the items of pre-approved and funded projects and be included with all other projects being considered and debated for the CIP.

In Favour: J.A. Coffman, J.P. Mauro, B.D. Mearns, R.K. Parker
Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw

----- DEFEATED

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2.8 D-29 West Lethbridge Depot (Phase 2)

B.D. MEARNS:

WHEREAS part of the CIP 2014-2023 draft document is considered preapproved and funded based on City of Lethbridge Fiscal Principles, Practices and Policies, which states “Maintenance of current assets and infrastructure takes a higher priority than building new assets or infrastructure”;

AND WHEREAS a phased approach is used to allow for the opportunity to revisit projects based on priorities;

AND WHEREAS the West Lethbridge Operations Depot project is identified as a future requirement;

AND WHEREAS the purpose and justification of Phase 1 was approved during a time of significant population boom for Lethbridge identifying the growth rate at 6.48%;

AND WHEREAS the population growth of the west side has leveled off an average of 2.5%;

AND WHEREAS the pressure on capital funding for community infrastructure far exceeds funding availability;

THEREFORE BE IT RESOLVED THAT the West Lethbridge Operations Depot (Phase 2) be removed from the items of pre-approved and funded projects and be considered and debated with all other projects to be approved for funding.

In Favour: J.A. Coffman, J.P. Mauro, B.D. Mearns

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

----- DEFEATED

Vote on the original resolution:

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

Opposed: J.A. Coffman, J.P. Mauro, B.D. Mearns

----- CARRIED

3.0 ADJOURN:

R.K. PARKER:

THAT we do now adjourn this Finance Committee meeting.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis,
L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

MINUTES of a **Finance Committee Meeting** held on **Wednesday, May 8, 2013** in **COUNCIL CHAMBERS** at 9:30 AM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

Resolution and Debate: (continued)

Alderman Wickersham advised that Finance Committee would continue to debate resolutions relative to the Capital Improvement Program (CIP). Resolutions have been ranked in order of dollar value and will be dealt with in that order, with the exception of the Leisure Centre and Aquatic Centre because it makes sense to deal with these two together.

1.1 D-34 (Draft CIP - Defeated) Leisure Centre (Full Build Out)

R. DODIC:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-34, Leisure Centre (Full Build Out).

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

J.A. COFFMAN:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-34, Leisure Centre (Full Build Out), with funding of \$54,750 million;

AND FURTHER BE IT RESOLVED THAT the funding be subject to successful funding from additional sources, such as federal and/or provincial grants, private fundraising and corporate investment;

AND FURTHER BE IT RESOLVED THAT the City Manager present City Council with the business case for this project, including an options analysis that includes third party management, identifies core partners, contains concept design plans, a capital funding strategy for the project, and outlines the operations and management plan;

AND FURTHER BE IT RESOLVED THAT the business case be presented to City Council for approval prior to project commencement and implementation;

AND FURTHER BE IT RESOLVED THAT the City Manager present to City Council the communication plan for all phases of the project;

AND FURTHER BE IT RESOLVED THAT if the Leisure Centre (Full Build Out) has not commenced construction within four years, any committed funds dedicated to the project will be re-evaluated by City Council.

In Favour: J.A. Coffman, J.P. Mauro

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- DEFEATED

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Vote on the Original Resolution:

In Favour: J.A. Coffman, J.P. Mauro

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- DEFEATED

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1.2 D-32 (Previously D-35) Aquatics Centre (*Amended May 9, 2013*)

F.G. ELLIS/R.K. PARKER:

WHEREAS Council supports the principles of health and wellness activities that can be accessed by the entire family;

AND WHEREAS the community has consistently expressed the desire to have access to an Leisure Centre that includes an aquatics component with modern and diverse features;

AND WHEREAS City Council has previously approved the Crossings Ice Complex (Twin Ice Centre and Lethbridge Curling Club) as the initial components of a Leisure Centre;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-35, Aquatics Centre to be co-located with the Crossings Ice Complex and to be completed by 2017 at a total cost of \$54,750,000 with funding as follows:

- Borrowing \$30,900,000
- Reserve \$ 3,600,000
- MSI \$17,100,000
- Pay-As-You-Go \$ 1,750,000
- Operating Budget \$ 1,400,000

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

J.A. COFFMAN/B.D. MEARNS:

WHEREAS the operational expense of a Leisure Aquatics Centre places approximately a \$2 million annual pressure on the operating budget;

AND WHEREAS no options were presented regarding repurposing or upgrading current facilities to include aquatic amenities were provided;

AND WHEREAS the Leisure Centre Needs Assessment and Concept Design (May 12, 2012, pg 113) report identifies a need for a detailed budget including fully justified revenues and expenditures be developed during the implementation phase to ensure revenue generation targets are sustainable;

AND WHEREAS the Aquatic Centre is expected to have a cost recover of 50% and other communities are not achieving that level of cost recovery;

AND WHEREAS the proposed Aquatic Centre is 42,765 sq ft, almost three times larger than St. Albert's "Servus Place" (15,414 sq ft) and nearly 5000 sq ft larger than Edmonton's "Terwilligar Centre" (37,760 sq ft), and more than double the size of Red Deer's "Collicut Centre" (20,021 sq ft);

AND WHEREAS the Recreation and Culture Master Plan identifies a key initiative as using partnerships whenever possible in the operations of a recreation and culture infrastructure and in the deliver of recreation and culture programs and services (pg 41);

THEREFORE BE IT RESOLVED THAT the City Manager present City Council with the business case for this project, including an options analysis that includes third party management, identifies core partners, contains concept design plans, a capital funding strategy for the project, and outlines the operations and management plan;

AND FURTHER BE IT RESOLVED THAT the business case includes validation of size requirements;

AND FURTHER BE IT RESOLVED THAT the business case be presented to City Council for approval prior to project commencement and implementation;

AND FURTHER BE IT RESOLVED THAT the City Manager present to City Council the communication plan for all phases of the project;

AND FURTHER BE IT RESOLVED THAT if the Aquatics Centre has not commenced construction within four years, any committed funds dedicated to the project will be re-evaluated by City Council.

In Favour: J.A. Coffman, J.P. Mauro, B.D. Mearns

Opposed: R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, R.K. Parker, T.H. Wickersham

----- DEFEATED

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Vote on the Original Resolution:

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

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1.3 D-42 (previously D-41) Performing Arts Centre

R. DODIC:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-41, Performing Arts Centre.

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

J.H. CARLSON:

BE IT RESOLVED THAT the City of Lethbridge commit \$10 million towards the Performing Arts Centre Project on the following conditions:

- a) The balance of the costs of approximately \$50 million come from other sources, whether it be, provincial government, federal government, or any other source not identified;

- b) The provincial component, if any, will not come from the present Municipal Sustainability Initiative Grant (MSI), for clarity, the provincial contribution, if any, is required to be “new” money;
- c) The City of Lethbridge’s conditional commitment of \$10.0 Million be for the 2018 – 2027 Capital Improvement Program Budget Plan;
- d) The funding source of \$10 million City of Lethbridge contribution is to be identified once all other funds are in place

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

Opposed: J.P. Mauro, B.D. Mearns

----- CARRIED

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Vote on the Original Resolution as amended:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-41, Performing Arts Centre;

AND FURTHER BE IT RESOLVED THAT the City of Lethbridge commit \$10 million towards the Performing Arts Centre Project on the following conditions:

- a) The balance of the costs of approximately \$50 million come from other sources, whether it be, provincial government, federal government, or any other source not identified
- b) The provincial component, if any, will not come from the present Municipal Sustainability Initiative Grant (MSI), for clarity, the provincial contribution, if any, is required to be “new” money
- c) The City of Lethbridge’s conditional commitment of \$10 million be for the 2018 – 2027 Capital Improvement Program Budget Plan
- d) The funding source of \$10.0 Million City of Lethbridge contribution is to be identified once all other funds are in place

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

Opposed: J.P. Mauro, B.D. Mearns

----- CARRIED

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1.4 D-52 (Draft CIP - Defeated) Shooting Range Land Acquisition and Construction

R. DODIC:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-52, Shooting Range Land Acquisition and Construction.

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

J.A. COFFMAN:

WHEREAS the present location of the Lethbridge Fish and Game Association (LFGA) Firing Range has raised questions of concern;

AND WHEREAS the City of Lethbridge has traditionally not purchased property in another jurisdiction, other than for utility requirements;

AND WHEREAS any expenditure of capital funds to the LFGA range will not result in additional operating costs to taxpayers;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include D-52, Lethbridge Fish and Game Range in the amount of \$5 Million;

AND FURTHER BE IT RESOLVED THAT the City Manager investigate the option of relocating the LFGA range to below the landfill site and that the land area of 60 acres be given to Southern Alberta Firearms Education (SAFE) Society;

AND FURTHER BE IT RESOLVED THAT following the move, the current LFGA range be maintained as for archery and other non-firearm activities;

AND FURTHER BE IT RESOLVED THAT the LFGA close the existing firearm ranges by August 1st, 2018 or sooner;

AND FURTHER BE IT RESOLVED THAT the City Manager provides to City Council the in-kind costs for the following:

- 1) Relocation of on-site dirt to appropriate placement for range,
- 2) chain-link fencing,
- 3) access road,
- 4) serviceability of utilities;

AND FURTHER BE IT RESOLVED THAT if the Lethbridge Fish and Game Range Relocation has not commenced construction within 4 years, any committed funds dedicated to the project will be re-evaluated by City Council.

In Favour: J.A. Coffman

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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Vote on the original resolution:

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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1.5 D-39 (Draft CIP - Defeated) Downtown Parking Garage

R. DODIC:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-39, Downtown Parking Garage.

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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1.6 D-35 (previously D-42) Yates Enhancement

J.P. MAURO:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-42, Yates Enhancement, with Pay-As-You-Go funding of \$8,170,000 subject to approval of a \$6,000,000 grant application to the Building Canada Fund.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

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1.7 D-50 (Draft CIP - Defeated) Henderson Lake Golf Club Facility

Mayor Dodic assumed the Chair

T.H. WICKERSHAM:

WHEREAS the Henderson Lake Golf Club is a municipal golf club established in 1917;

AND WHEREAS the Club has been self sustainable since 1917;

AND WHEREAS the Club operates within a city lease and is a non-profit society with a volunteer board and professional management team;

AND WHEREAS there has been no public funding since 1987, and has contributed 1.9 million dollars in capital improvements;

AND WHEREAS feasibility master plan analysis was undertaken in 2012 and identified the need to replace all buildings that include the Club House, Maintenance and Cart Storage Facility;

AND WHEREAS there is a need to replace these buildings to ensure any future success in moving forward for the next 50-75 years;

AND WHEREAS Henderson Lake Golf Club proposes to replace:

- 1. Clubhouse \$9,183,726
- 2. Maintenance Facility \$ 584,929
- 3. Cart Storage Facility \$ 499,529
- 4. Club Demolition/Contingency/Furniture \$1,664,382;

AND WHEREAS the Henderson Lake Golf Club is prepared to commit \$1,193,256 as their share of the Facilities Replacement as a loan, interest free, payment over 25 years;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-50, Henderson Lake Golf Club Facilities as follows:

- 1. Clubhouse \$9,183,726
- 2. Maintenance Facility \$ 584,929
- 3. Cart Storage Facility \$ 499,529
- 4. Club Demolition/Contingency/Furniture \$1,664,382

AND FURTHER BE IT RESOLVED THAT this funding be conditional on the verification of the facility audit costs by the City of Lethbridge, prior to the expenditure of funds.

Mayor Dodic advised that Deputy Mayor Wickersham had requested that this resolution be voted on in four parts.

Part 1:

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-50, Henderson Lake Golf Club Facilities as follows:

- Clubhouse \$9,183,726

In Favour: T.H. Wickersham

Opposed: R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

Part 2:

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-50, Henderson Lake Golf Club Facilities as follows:

Maintenance Facility \$ 584,929

In Favour: T.H. Wickersham, J.A. Coffman

Opposed: R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

Part 3:

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-50, Henderson Lake Golf Club Facilities as follows:

Cart Storage Facility \$ 499,529

In Favour: T.H. Wickersham

Opposed: R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

Part 4:

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-50, Henderson Lake Golf Club Facilities as follows:

Club Demolition/Contingency/Furniture \$1,664,382

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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Deputy Mayor Wickersham assumed the Chair.

1.8 D-30, (Draft CIP - Defeated) D-31 (Draft CIP - Defeated) and D-30 (previously D-32) Reconstruction and Streetscaping

J.A. COFFMAN:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include:

1. D-30 (**Draft CIP - Defeated**) - 5th Street Reconstruction and Streetscaping (Phase 1)
2. D-31 (**Draft CIP - Defeated**) - 5th Street Reconstruction and Streetscaping (Phase 2)
3. **D-30** (previously D-32) - 3rd Avenue Reconstruction and Streetscaping

AND FURTHER BE IT RESOLVED THAT municipal funding be subject to approval of a grant application to the Building Canada Fund within the 2014 – 2017 budget cycle.

Deputy Mayor Wickersham advised that Councillor Coffman had requested that this resolution be voted on in three parts.

Part 1:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include:

D-30 (previously D-32) - 3rd Avenue Reconstruction and Streetscaping

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis,
L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

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Part 2:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include:

D-30 - (Draft CIP - Defeated) 5th Street Reconstruction and Streetscaping (Phase 1)

In Favour: R.K. Parker

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns

----- DEFEATED

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Part 3:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include:

D-31 - (Draft CIP - Defeated) 5th Street Reconstruction and Streetscaping (Phase 2)

In Favour: R.K. Parker

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns

----- DEFEATED

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1.9 D-34 (previously D-38) North Regional Park

L.M. IWASKIW:

WHEREAS a successful Regional Park needs to have a wide variety of features and attractions to meet expectations for varied uses and functions for all seasons;

AND WHEREAS these varied features and attractions are needed for the park to accommodate high and regular use year round;

AND WHEREAS complete construction of the park will be addressed in a phased construction plan;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-38, North Regional Park, with funding of \$4.5 million as follows:

- Community Reserve Fund \$1,000,000
- Pay-As-You-Go \$3,500,000

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, R.K. Parker

Opposed: J.A. Coffman, J.P. Mauro, B.D. Mearns

----- CARRIED

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1.10 D-49 (Draft CIP - Defeated) Galt #8 Mine Site

J.P. MAURO:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-49, Galt #8 Mine Site.

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

.....
1.11 D-33 (previously D-36) New School Site Development

L.M. IWASKIW:

WHEREAS two new elementary schools are expected to be constructed in the next four years in neighbourhoods in West and North Lethbridge ;

AND WHEREAS the City of Lethbridge has a joint use agreement with the two local School Districts that requires us to develop the sites, excluding the areas where the school buildings and parking lots will be constructed;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-36, New School Site Development, with funding from Residential Subdivision Surplus.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

.....
1.12 D-51 (Draft CIP - Defeated) Lethbridge Indoor Baseball Facility

J.H. CARLSON:

WHEREAS the Lethbridge Baseball Collaboration Initiative has requested funding to develop a new Indoor Baseball Training Facility;

AND WHEREAS the Prairie Baseball Academy is currently operating beyond capacity, and is further constrained by poor weather;

AND WHEREAS the new facility would be designed as a multi-purpose facility to accommodate a growing number of user groups in our community who are in need of space;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include project D-51, Lethbridge Indoor Baseball Training Facility, subject to approval of a grant application for \$2.87 million to the Federal Gas Tax Fund.

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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1.13 D-40 (previously D-53) Spitz Stadium

J.P. MAURO:

WHEREAS the Spitz Stadium Society has requested funding to re-develop Spitz Stadium;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-53, Spitz Stadium, at a total cost of \$2,912,000 in 2015 with funding as follows:

- Reserve \$1,400,000
- Pay-As-You-Go \$1,512,000

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

B.D. MEARNS:

BE IT RESOLVED THAT the second paragraph of the Original Resolution D-53 be removed and replaced with the following:

“BE IT RESOLVED THAT THE 2014 - 2023 Draft Capital Improvement Program be amended to include D-53, Spitz Stadium at a total cost of \$2,912,000, subject to approval of a grant application to the Federal Gas Tax Fund”.

In Favour: J.A. Coffman, B.D. Mearns

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, R.K. Parker

----- DEFEATED

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Vote on the Original Resolution:

In Favour: R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker, T.H. Wickersham

Opposed: J.A. Coffman

----- CARRIED

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1.14 D-36 (previously D-43) Vacant School Site Development

J.H. CARLSON:

WHEREAS there is a vacant school site in the Uplands/Blackwolf subdivision;

AND WHEREAS construction of the school is pending funding not yet announced;

AND WHEREAS construction of the school yard would complete community development in the area;

AND WHEREAS advancing the school yard construction does not incur additional costs to the City but advances the project so the affected communities are more livable;

AND WHEREAS the development can be done in conjunction with landscaping of the water reservoir;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-43, Vacant School Site Development, with funding from Residential Subdivision Surplus.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

Opposed: J.A. Coffman, J.P. Mauro

----- CARRIED

.....
1.15 D-31 (previously D-33) School Gymnasium Upsize

L.M. IWASKIW:

WHEREAS two new elementary schools are expected to be built in neighbourhoods in West and North Lethbridge;

AND WHEREAS the City of Lethbridge has contributed funds to increase the size of the gymnasiums in the past to meet public demand for community use and there still exists a shortage for such use;

AND WHEREAS it is the responsibility of City Council to spend taxpayers' money wisely and to support projects which benefit the most citizens possible;

AND WHEREAS this project does both of the above by saving money in partnership with our School Districts and supplying a much needed community resource for the public's use;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-33, School Gymnasium Upsize, with funding from the Municipal Revenue Stabilization Reserve.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, R.K. Parker
Opposed: J.P. Mauro, B.D. Mearns

----- CARRIED

.....
1.16 D-39 (previously D-46) Integrated Customer Service Strategy (Phase 1 & 2)

J.P. MAURO:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-46, Integrated Customer Service Strategy, with funding from Pay-As-You-Go.

Discussion on the resolution commenced but because of the lateness of the day Finance Committee decided to adjourn and commence with this item first thing Thursday morning.

ADJOURN:

R.K. PARKER:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

MINUTES of a **Finance Committee Meeting** held on **Thursday, May 9, 2013** in COUNCIL CHAMBERS at 10:30 AM

PRESENT:	Deputy Mayor	T.H. Wickersham
	Mayor	R. Dodic
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Alderman	F.G. Ellis
	Alderman	L.M. Iwaskiw
	Alderman	J.P. Mauro
	Councillor	B.D. Mearns
	Alderman	R.K. Parker
OTHERS:	City Clerk	A Neufeld
	Deputy City Clerk	D. Sarsfield
	City Manager	G. Sherwin
	City Solicitor	D. Hudson
	City Treasurer	C. Wight
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	B. Beck
	Director of Planning and Development	J. Greene
	Communications Advisor	G. Gauthier

Resolution and Debate (*continued*)

1.1 D-39 (previously D-46) Integrated Customer Service Strategy

J.P. MAURO:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-46, Integrated Customer Service Strategy, with funding from Pay-As-You-Go.

Prior to a vote being called on the foregoing resolution, the following amendment was presented:

L.M. IWASKIW:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 - 2023 Capital Improvement Program;

BE IT RESOLVED THAT D-46 Integrated Customer Service Strategy project be referred to the 2015 - 2018 Operating Budget.

Alderman Iwaskiw withdrew the amendment.

B.D. MEARNS:

WHEREAS the Project is in two phases, and Phase One is the Master Plan;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-46, Integrated Customer Service Strategy, with funding from Pay-As-You-Go;

AND FURTHER BE IT RESOLVED THAT this Project be presented to City Council and confirmed after Phase One and before implementation..

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

.....
Vote on the Original Resolution, as amended:

J.P. MAURO:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

WHEREAS the Project is in two phases and Phase One is the Master Plan;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-46, Integrated Customer Service Strategy, with funding from Pay-As-You-Go;

AND FURTHER BE IT RESOLVED THAT this Project be presented to City Council and confirmed after Phase One and before implementation.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

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1.2 AMENDMENT: Yates Funding (D-14)

R. DODIC:

WHEREAS the plumbing lifecycle work currently scheduled for 2021 in project D-14 Yates Renewal could be funded from facilities lifecycle funding within the operating budget;

THEREFORE BE IT RESOLVED THAT the funding for project D-14 Yates Renewal be amended to replace \$3.5 million of MSI in 2021 with \$3.5 million of facilities lifecycle funding (operating budget).

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

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1.3 AMENDMENT: D-32 Aquatics Centre Funding (previously D-35)

R. DODIC:

WHEREAS there is approximately \$1.7 million of Municipal Sustainability Initiative (MSI) funding remaining in the 2014 – 2023 draft Capital Improvement Program;

AND WHEREAS it is desirable to use grant funding before using borrowing;

THEREFORE BE IT RESOLVED THAT the funding for project D-35 Aquatics Centre (as amended) be revised to increase the allocation from Municipal Sustainability Initiative Grant (MSI) by \$1.7 million and decrease the allocation from

borrowing by \$1.7 million.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

.....
1.4 D-40 (Draft CIP - Defeated) Community Skate Park

R. DODIC:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2014 – 2023 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-40, Community Skate Park.

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

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1.5 D-37 (previously D-44) Lethbridge Sports Park Change Rooms

F.G. ELLIS:

WHEREAS the existing Lethbridge Sports Park does not have change room facilities;

AND WHEREAS the addition of four heated change room spaces would allow user groups to change into or from sport gear, store valuables, gather in a dry environment before or after matches;

AND WHEREAS the addition of change rooms would meet Provincial and National tournament standards;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-44, Lethbridge Sports Park Change Rooms, with funding from the Urban Parks Reserve.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

.....
1.6 D-47 (Draft CIP - Defeated) Fairmont Lake Park Washrooms

R. DODIC:

BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-47 Fairmont Lake Park Washrooms.

In Favour: (None)

Opposed: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- DEFEATED

1.7 D-41 (previously D-54) Neighbourhood Skate Park (SLP Skate Park)

F.G. ELLIS:

WHEREAS a considerable amount of fundraising, design and evaluation of location options progress has been made by supporters of a new, Neighborhood Skate Park (SLP Skate Park);

AND WHEREAS Council has committed to include D-54 for consideration in the 2014-2023 Capital Improvement Program if fundraising efforts fell short of what is required to build the new neighborhood skate park;

AND WHEREAS fundraising has fallen slightly short of the targets required to begin construction of the SLP Skate Park in 2013;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-54, Neighborhood Skate Park (SLP Skate Park), at a total cost of \$702,000 with funding from the City to a maximum of \$400,000 from the GST Rebate Program;

AND FURTHER BE IT RESOLVED THAT construction of the SLP Skate Park commence in June 2013.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

1.8 D-38 (previously D-45) West Lethbridge Centre Washrooms (Sports Fields)

F.G. ELLIS:

WHEREAS users of the existing West Lethbridge Centre sports fields do not currently have adequate access to public washroom facilities;

AND WHEREAS the addition of standalone public washroom facilities is needed to serve the needs of the significant number of people who use these sporting and recreation facilities;

THEREFORE BE IT RESOLVED THAT the 2014 - 2023 Draft Capital Improvement Program be amended to include Project D-45, West Lethbridge Centre Washrooms (Sports Fields), with funding from the Urban Parks Reserve.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, F.G. Ellis, L.M. Iwaskiw, B.D. Mearns, R.K. Parker
Opposed: J.A. Coffman, J.P. Mauro

----- CARRIED

1.9 D-44 (previously D-37) Downtown Washrooms – Directional Resolution

L.M. IWASKIW:

WHEREAS there has been a lack of public washrooms identified as a real and measurable problem in the Downtown area;

AND WHEREAS the primary purpose of these facilities would be to meet the convenience and sanitary needs of the public while contributing to the enhancement of the public space in the Downtown area;

THEREFORE BE IT RESOLVED THAT the Finance Committee include in its recommendation to City Council that this project for two free standing washroom facilities be referred to the Heart of Our City Committee and should the washrooms be deemed a priority they be funded from the annual allocation to the Downtown Redevelopment Fund.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, B.D. Mearns, R.K. Parker
Opposed: F.G. Ellis, J.P. Mauro

----- CARRIED

1.10 Community Reserve Fund (D-11 and D-34 (previously D-38))

R. DODIC:

WHEREAS the purpose of the Community Reserve Fund is to provide open space for the general public's use, such as parks and recreation areas;

AND WHEREAS the Draft 2014-2023 Capital Improvement Program as amended currently includes funding of \$1 million for project D-38 North Regional Park (new amenities);

AND WHEREAS the Community Reserve Fund would be a more appropriate funding source for project D-11 North Regional Park;

THEREFORE BE IT RESOLVED that funding for projects D-11 North Regional Park (previously approved) and D-38 North Regional Park (new amenities) be amended as follows:

D-11 North Regional Park (previously approved): replace \$1 million of Pay-as-you-go with \$1 million of Community Reserve Fund;

D-38 North Regional Park (new amenities): replace \$1 million of Community Reserve Fund with \$1 million of Pay-as-you-go.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

1.11 Draft 2014-2023 CIP Amended

R. DODIC:

WHEREAS Finance Committee has reviewed and made amendments to the 2014-2023 Draft Capital Improvement Program (CIP);

AND WHEREAS there is an objective to approve a four (4) year capital plan (2014-2017) within the ten-year planning context in order that the corresponding operating costs from the approved projects can be included in the 2015-2018 operating budget;

THEREFORE BE IT RESOLVED THAT the Draft 2014-2023 CIP, as amended, be referred to City Council for consideration on June 10, 2013.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED

ADJOURN

R.K. PARKER:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: T.H. Wickersham, R. Dodic, J.H. Carlson, J.A. Coffman, F.G. Ellis, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker

----- CARRIED