



CITY OF
Lethbridge

2018 - 2027

Capital Improvement Program



2018 - 2027 Capital Improvement Program Table of Contents

Section A Introduction

Transmittal Letter	A - 1
Evaluation Process	A - 2
Project & Funding Charts (4 years)	A - 3
Project & Funding Charts (10 years)	A - 4
Pay-As-You-Go Plan	A - 5
Taxation Net Operating Costs	A - 6
Environmental Utilities Net Operating Costs	A - 7

Section B Debt/Pay-As-You-Go Program

Overview	B - 1
Taxation External Debt Graph	B - 2
Utility/Self Supported Debt Graph	B - 3
Offsite Levy Debt Graph	B - 4
Proposed Borrowings	B - 5
External Borrowing Payments	B - 6
Internal Borrowing (Reserve Repayments)	B - 7
External Borrowing Balance	B - 8
Internal Borrowing Balance	B - 9

Section C Transportation Projects

Summary of 2018 to 2021 Projects	C - 1
Summary of 2018 to 2027 Projects	C - 2
Summary of Operating Costs	C - 3
Basic Municipal Transportation (BMTG)	C - 4
Pay-As-You-Go Transportation	C - 4a
Maintain Safety	
Intersection Improvements – Non-Growth	C - 5
Bikeways/Pathways/Sidewalks along Roadways	C - 6
Gravelled Roadway Upgrading	C - 7
Accessibility Improvements	C - 8
Preserve Existing Infrastructure	
Annual Overlay Program	C - 9
Bridge Rehabilitation Program	C - 10
Railway Rehabilitation Program	C - 11
Traffic Signals Replacement	C - 12
Major Sidewalk Rehabilitation Program	C - 13
Paved Lane Rehabilitation Program	C - 14
Community Lighting - Rehabilitation	C - 15
Arterial Sign Replacement	C - 16
Upgrade Existing System	
Transportation Master Plan Update	C - 17
Functional Planning and Design - 62 Ave N	C - 18
Chinook Trail River Crossing (Preliminary Design)	C - 19
Provide Access for Growth (Offsite Levy)	
Intersection Improvements – Growth	CO - 1
5th Ave N and 13th St N (Preliminary Design)	CO - 2
North Scenic Drive (Uplands Blvd N to 40 Ave N)	CO - 3
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4
University Dr (Walsh Dr to Hwy 3)	CO - 5

Section C continued... Transportation Projects

Metis Trail (Temple Blvd to Coalbrook Gate)	CO - 6
Walsh Dr (University Dr to west of Metis Trail)	CO - 7
University Dr (Walsh Dr to Commerical Access)	CO - 8
Garry Dr (Garry Station to Homestead Blvd)	CO - 9
26 Avenue N (23rd Street N to Scenic Dr)	CO - 10
Metis Trail (Coalbrook Gate to Macleod Dr)	CO - 11

Section D Community Projects

Summary of 2018 to 2021 Projects	D - 1
Summary of 2018 to 2027 Projects	D - 2
Summary of Operating Costs	D - 3
Pay-As-You-Go Community	D - 4
Previously Approved Projects	
West Lethbridge Operations Depot (Phase 2)	D - 5
ATB Centre - Phase 2 (Leisure Complex)	D - 6
Legacy Park	D - 7
Yates Renewal	D - 8
Art Acquisition Program	D - 9
Maintain Currents Assets/Ongoing Programs	
Parks Asset Management	D - 10
Pathway System Connections and Extensions	D - 11
Facility Assessment & Accessibility Upgrades	D - 12
Facility Assessment & Energy Efficiency Upgrades	D - 13
River Valley Protective Fencing	D - 14
New Facilities	
Transit Terminal and Regional Park 'n Ride	D - 15
Bark Park	D - 16
School Gymnasium Upsize	D - 17
New School Site Development	D - 18
West Lethbridge Operations Depot (Phase 3a)	D - 19
Galt Museum Parking Lot Upgrade	D - 20
Spitz Stadium Grandstand (Phase 2)	D - 21
3rd Ave South (4th to 8th Street) Reconstruction	D - 22
3rd Ave South (Stafford Dr to MMD) Beautification	D - 23
4th Ave South Enhancements	D - 24
Nikka Yuko Japanese Grdn Prgm & Cmmnty Facility	D - 25
Crossings Branch Expansion and Enhancement	D - 26
Legacy Park (Additional Amenities)	D - 27
New Fire Station #5 - West	D - 28
Fire Station #3 - 16 Ave S. Relocation & 911 Backup	D - 29
Yates Enhancement	D - 30
Galt Gardens Reconstruction	D - 31
Arena Replacement	D - 32
Royal View Memorial Cemetery (Phase 2)	D - 33
Performing Arts Centre	D - 34
Lethbridge Airport Renovation	D - 43
Festival Square Market Plaza	D - 44
Facility Renewal and Upgrade Program	D - 45
Fibre Connectivity Pilot - Industrial Parks	D - 46
Legacy Park - Discovery Playground	D - 47

2018 - 2027 Capital Improvement Program Table of Contents

Section D continued... Community Projects

Planning

Indigenous Cultural Centre Study	D - 35
Recreation and Culture Master Plan Update	D - 36
Accessibility Master Plan	D - 37
River Valley Accessibility Study	D - 38

Community Groups

SAAG Facility Enhancements	D - 39
Shooting Sports Facility Safety Enhancements	D - 40
Henderson Lake Golf Club Upgrades	D - 41
Exhibition Park Trade, Convention Centre & Agriplex	D - 42

Section E Environmental Utilities

Summary of 2018 to 2021 Projects	E - 1
Summary of 2018 to 2027 Projects	E - 2
Summary of Operating Costs	E - 3
Landfill Annual Capital Payments	E - 4
Wastewater Utility Annual Capital Payments	E - 5
Water Utility Annual Capital Payments	E - 5.1

Waste & Recycling Services

Recycling

Curbside Recycling	E - 6
--------------------	-------

Landfill

W & R Centre Disposal Cell Dvlpmnt and Closure	E - 7
Landfill Gas & Leachate Mgt System	E - 8
Waste & Recycling Centre Site Enhancements	E - 9
Waste Processing Facility Upgrade	E - 10

Wastewater

Wastewater Utility

WWTP Headworks and Clarifier Upgrade	E - 11
WWTP Primary Clarifier Replacement	E - 12
WWTP Biosolids Treatment Upgrades	E - 13
Lift Station Rehabilitation	E - 14
WWTP Phosphorous Recovery	E - 15
WWTP UV Disinfection Upgrades	E - 16
WWTP Bioreactor Aeration Blowers Upgrade	E - 17

Water

Water Utility

WTP Residuals Management	E - 18
WTP Instrumentation Upgrade	E - 19
WTP Process Redundancy	E - 20
Water Reservoir Upgrades	E - 21

Combined Deep Utility

Urban Development (Offsite Levy)

Watermain Loop Metis Trail (Clbnks Lnk to Tmpl Blvd)	EO - 1
West Siphon Screen Relocation	EO - 2
Utility Extension Whoop Up (Mrtna Rd to 30th St)	EO - 3
Macleod Westward Storm Outfall	EO - 4
Utility Extension Macleod Drive (Mt Burke to Metis Tr)	EO - 5

Section F Electric Utility

Summary of 2018 to 2021 Projects	F - 1
Summary of 2018 to 2027 Projects	F - 2
Summary of Operating Costs	F - 3

Electric - Transmission

Substations

Protection and Control	F - 4
Substation Transformer Upgrades	F - 5
Substation Infrastructure (Yard/Building) Upgrades	F - 6
Substation Breaker and Switches Upgrades	F - 7
Substation 13.8kV Switchgear Upgrades	F - 8

Transmission Lines

N/S Transmission Tie Line in West Lethbridge	F - 9
--	-------

Electric - Distribution

Distribution

Distribution Extension & Improvement Annual Program	F - 10
Distribution Renewal Annual Program	F - 11

Electric Support

Communications

Dark Fibre and Communications Systems	F - 12
---------------------------------------	--------

Other Support

Fleet Annual Program	F - 13
Support Plant Renewal Annual Program	F - 14

System Control (SCADA)

Electric System Control	F - 15
-------------------------	--------

Section G Grants & Funding

Municipal Sustainability Initiative (MSI)	G - 1
Basic Municipal Transportation (BMTG)	G - 2
Federal Gas Tax (FGTF)	G - 3
Pay-As-You-Go Transportation	G - 4
Pay-As-You-Go Community	G - 5
Proposed MSI Replacement Program	G - 6

Section H Minutes

Overview of Minutes June 20, 2016 - May 23, 2017

Section I

Projects Considered - Not Approved

ENMAX Centre Parking Lot Renewal and Upgrade	I - 1
University Drive Median Trees	I - 2
Fairmont Multi-Use Sports Court	I - 3
Whoop Up Drive Cycle Escalator	I - 4
Downtown Gateways	I - 5
Community Entrance Gateways	I - 6
5th Street South (1st to 6th Ave) Reconstruction	I - 7
Multi-Purpose All Weather Fields	I - 8
People Places Community Plan	I - 9



CITY OF *Lethbridge*

Office of City Manager

June 19, 2017

HIS WORSHIP MAYOR SPEARMAN
AND MEMBERS OF FINANCE COMMITTEE

RE: 2018 - 2027 CAPITAL IMPROVEMENT PROGRAM (CIP)

A four-year (2018-2021) Capital Plan within a ten-year (2018-2027) context was approved by City Council on May 23, 2017. This CIP document has been updated to include all amendments approved by Finance Committee in its deliberations during the week of May 15-19, 2017. This approved CIP document allows for planning and design to take place so projects scheduled for 2018 will be ready for construction. The operating costs relative to projects approved for 2018-2021 will be factored into the 2019-2022 Operating Budget.

Over the last four years, the community was engaged in a number of planning exercises which resulted in the development of master planning documents which assisted in prioritizing projects being advanced in the Capital Plan. The community has also been engaged in the Capital Plan by way of several public presentations regarding the potential projects (October 2016 through May 2017), through an online engagement tool, open house and story boards (April 10 to May 3, 2017) and through direct consultation with Finance Committee members.

The projects included in this Capital Improvement Program will shape our community for decades to come. The 2018-2027 CIP aims to fulfill City Council's commitment to complete projects previously approved, take care of existing assets, plan for the future and build new facilities that will enhance the quality of life of our citizens. Some of the significant projects approved for funding in the next four year window include: a new west Lethbridge Fire Station, Southern Alberta Art Gallery (SAAG) expansion, Nikka Yuko Japanese Garden Programming and Community Facility, planning and design of a Performing Arts Centre, design of Exhibition Park Trade and Convention Centre and Agriplex, completion of Spitz Stadium Grandstand – Phase 2, reconstruction of 3rd Avenue South and the twinning of University Drive West.

One of the challenges facing this City Council and the next City Council is the uncertainty regarding future provincial funding for capital projects. The funding currently available under the Municipal Sustainability Initiative (MSI) will come to an end in approximately 2021. Without an approved replacement for that program, our ability to fund significant future community projects is very limited. In my opinion, advocating to the provincial government for an MSI replacement program should be one of the most important pieces of work for the newly elected Council, not only in Lethbridge, but in all communities across Alberta.

Respectfully submitted,

Garth Sherwin, FCPA, FCA
City Manager

City of Lethbridge 2018 - 2027 Capital Improvement Program Evaluation Process

Overview

The task of allocating limited capital resources to a wide variety of capital projects is challenging. In order to assist City Council in making these decisions, projects are evaluated against criteria established by City Council. This evaluation can then be considered by City Council as one additional piece of information to assist in capital resource allocation. 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. The following documents provide the guiding principles for the project prioritization criteria, Lethbridge City Council Strategic Plan 2014-2017, the South Saskatchewan Regional Plan (SSRP), Municipal Government Act (MGA), Integrated Community Sustainability Plan/Municipal Development Plan Bylaw 5650 (ICSP/MDP) and various other master plans and regulatory requirements.

The following criteria form the basis of the evaluation.

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:

Maintaining Current Capital Assets

- Projects that are necessary to maintain the current functionality and level of service.

Community Support

- The project has demonstrated broad-based community support through a public process.

Impact on Operating Budget

- The project has favorable net impact on the Operating Budget.

External Capital Contribution

- The project has external funding sources (e.g. grants specific to the project, partnerships or donations).

Economic Prosperity

- The project contributes to the local economy and reinforces the City's role as a regional center.

Well Designed City

- The project contributes to a well-designed city through smart growth, renewal, redevelopment and quality urban design.

Community Vibrancy

- The project enhances history, art, culture, sport, recreation or active living in the city.

Social Impact

- The project supports accessible housing, fostering a sense of belonging, accessibility/mobility or community social well-being.

Health and Safety Improvements

- The project improves the health and safety of the staff, user(s) or the community.

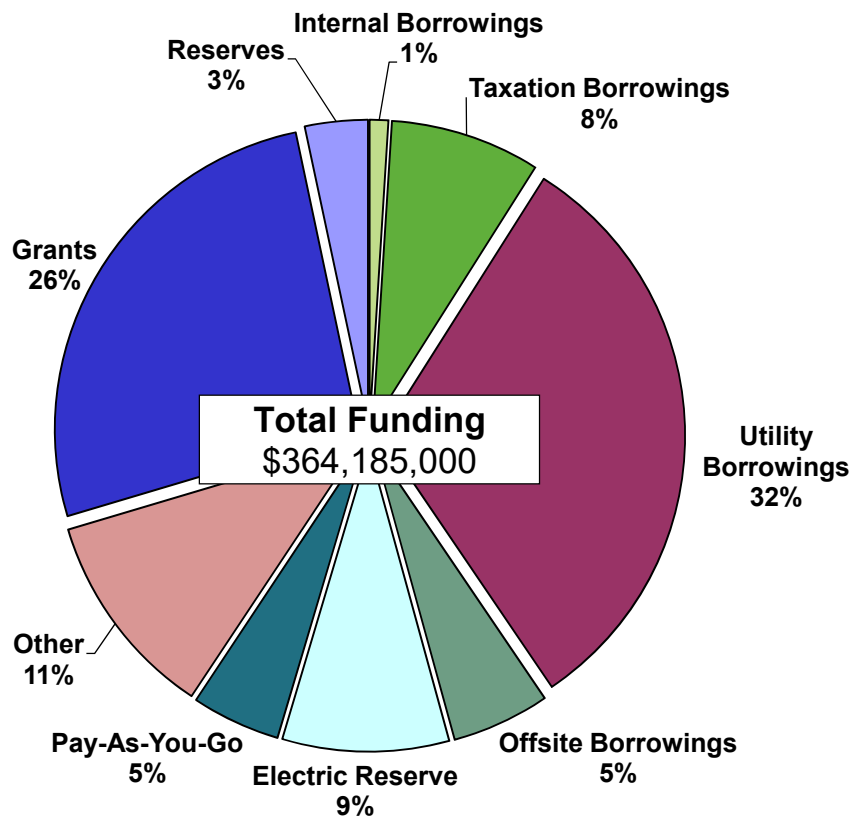
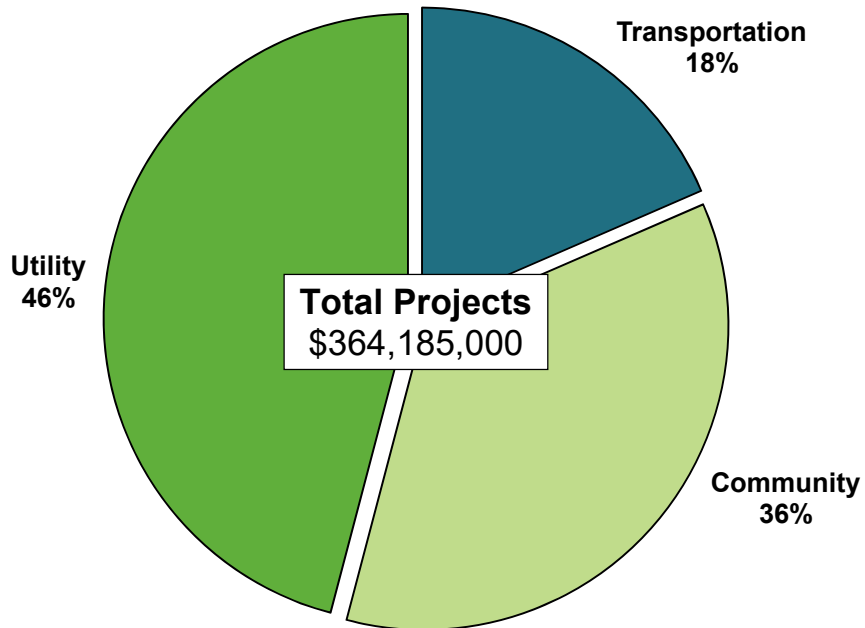
Environmental Impact

- The project contains or reduces the community's total impact on the environment.

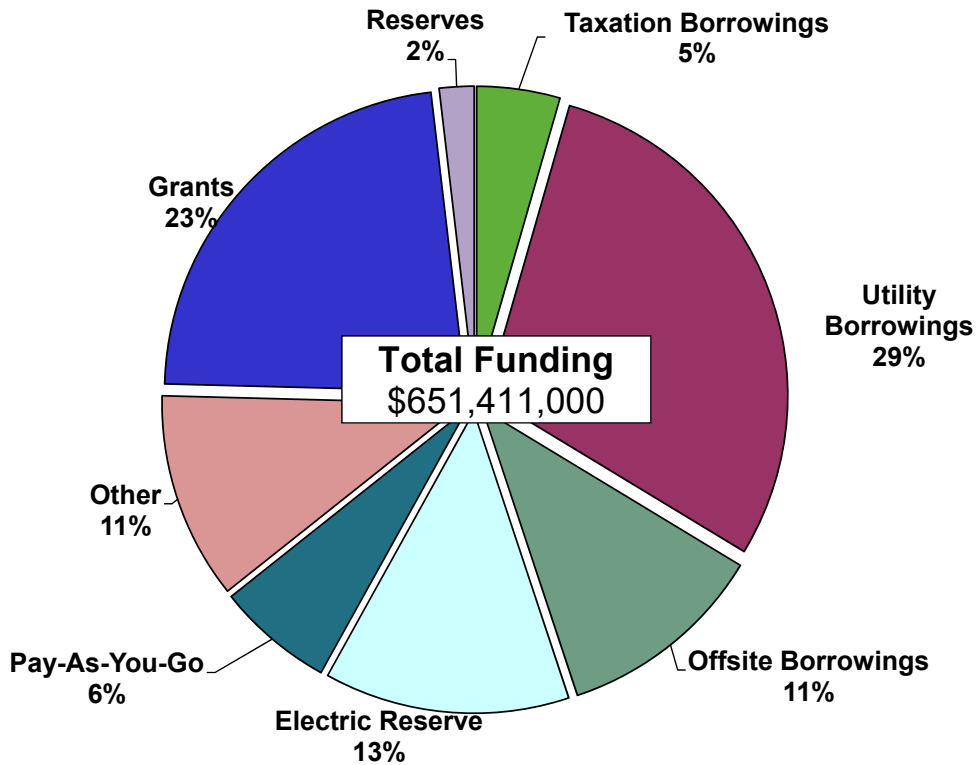
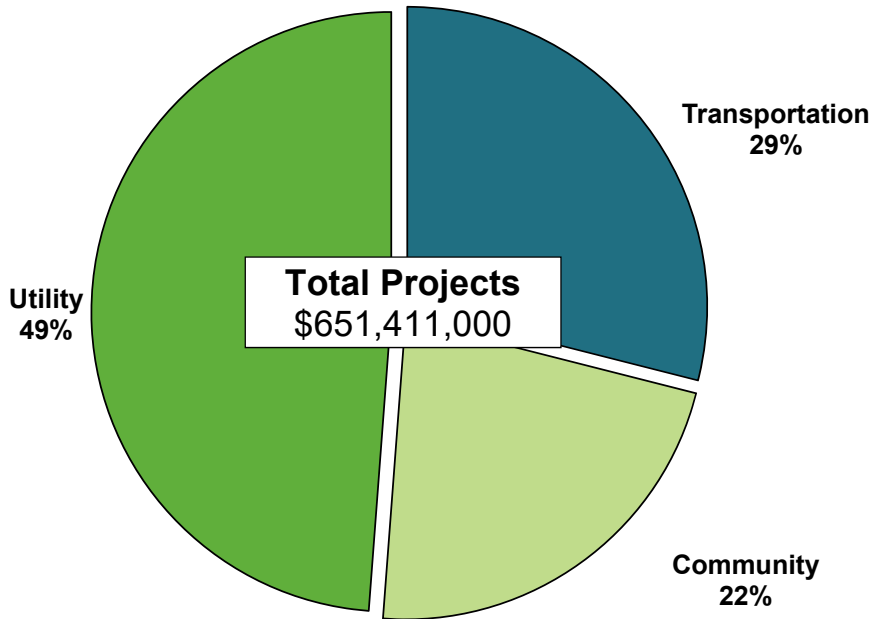


CITY OF
Lethbridge

A - 3
City of Lethbridge
Capital Improvement Program
2018-2021
(4 years)



A - 4
City of Lethbridge
Capital Improvement Program
2018-2027
(10 years)



Note: This does not include any portion of projects funded from a potential MSI replacement program.

CITY OF LETHBRIDGE

PAY-AS-YOU-GO PLAN

EFFECT ON TAXATION

	2018	2019	2020	2021
	\$	\$	\$	\$
Taxation supported Pay-As-You-Go financing				
Transportation	2,105,000	2,205,000	2,313,000	2,428,000
Community	2,850,000	2,950,000	3,050,000	3,150,000
	<u>4,955,000</u>	<u>5,155,000</u>	<u>5,363,000</u>	<u>5,578,000</u>
Add annual debt charges to taxation	5,163,515	7,439,768	7,758,568	7,758,568
Add (less) taxation contribution to (from) Major Capital Projects Reserve	2,966,485	690,232	371,432	371,432
	<u>13,085,000</u>	<u>13,285,000</u>	<u>13,493,000</u>	<u>13,708,000</u>
Note 1				
Increase to taxation over prior year	<u>168,000</u>	<u>200,000</u>	<u>208,000</u>	<u>215,000</u>
% Increase to taxation over prior year	<u>0.15%</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:

July 9, 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.

City of Lethbridge

Capital Improvement Program 2018 - 2027

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)							
		2019	2020	2021	2022	2023	2024	2025	2026
Transportation									
Infrastructure - Transportation									
Previously Approved									
Whoop Up Drive (McMaster to Mauretania Blvd W)	CO - 6 (2014-2023)	141	147	153	159	165	172	178	186
Metis Trail (Walsh to Whoop Up)	CO - 7 (2014-2023)	139	147	182	191	201	211	221	232
Maintain Safety									
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	42	44	46	49	51	54	56	59
Preserve Existing Infrastructure									
Railway Rehabilitation Program	C - 11	62	65	68	71	75	79	83	87
Provide Access for Growth (Offsite Levy)									
North Scenic Drive (Uplands Blvd N to 40 Ave N)	CO - 3			52	54	56	59	61	63
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4			109	112	115	120	125	130
Metis Trail (Temple Blvd to Coalbrook Gate)	CO - 6			69	72	75	78	81	84
Walsh Drive (University Dr to west of Metis Trail)	CO - 7						83	109	114
University Drive (Walsh Drive to Commercial Access)	CO - 8								53
Community									
Community Projects									
Previously Approved Projects									
ATB Centre - Phase 2 (Leisure Complex)	D - 6	1,457	1,577	1,677	1,777	1,927	1,985	2,043	2,100
Maintain Current Assets/Ongoing Programs									
Pathways System Connections and Extensions	D - 11	30	46	62	78	94	110	127	143
Facility Assessment and Energy Efficiency Upgrades	D - 13	(15)	(30)	(45)	(60)	(75)	(90)	(105)	(120)
River Valley Protective Fencing	D - 14	5	5	5	6	6	6	6	6
New Facilities									
Bark Park	D - 16	46	47	48	50	51	53	55	56
New School Site Development	D - 18	63	130	133	137	141	145	150	155
West Lethbridge Operations Depot (Phase 3a)	D - 19					183	189	191	192
3rd Avenue South (4th to 8th Street) Reconstruction	D - 22	30	31	32	33	34	35	36	37
Nikka Yuko Japanese Garden Programming & Community Facility	D - 25		79	80	81	83	84	85	87
Legacy Park (Additional Amenities)	D - 27		124	127	131	135	139	143	148
New Fire Station #5 - West	D - 28	2,167	4,474	5,239	5,399	5,564	5,733	5,910	6,082
Community Groups									
SAAG Facility Enhancements	D - 39		61	62	62	63	64	64	65
Pay-As-You-Go Increase (Council Resolution July 9, 2007)		200	408	623	845	1,073	1,308	1,550	1,800
TOTAL OPERATING COSTS		4,366	7,355	8,722	9,248	10,017	10,615	11,169	11,760
Increase to taxation over prior year		\$4,366	\$2,989	\$1,367	\$ 525	\$ 769	\$ 599	\$ 554	\$ 591
% increase to taxation over prior year		3.36%	2.21%	0.97%	0.36%	0.51%	0.38%	0.34%	0.35%
Average annual impact on taxation			1.77%				0.39%		

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.

Note 2: This does not include any portion of projects funded from a potential MSI replacement program.

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2018 - 2027
Net Operating Costs (Note 1)

		Project Estimated Operating Costs (All amounts below are in thousands)								
Page		2019	2020	2021	2022	2023	2024	2025	2026	
Environmental Utilities										
<u>Waste & Recycling Services</u>										
Recycling										
	Curbside Recycling	E - 6	1,664	1,714	1,765	1,818	1,873	1,929	1,987	2,046
			1,664	1,714	1,765	1,818	1,873	1,929	1,987	2,046
<u>Water</u>										
Water Utility										
	Water Treatment Plant Residuals Management	E - 18	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723
			1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723
TOTAL OPERATING COSTS			3,164	3,244	3,326	3,410	3,496	3,585	3,676	3,770
Utility Rate Impact:										
<u>Waste & Recycling Services</u>										
	Dollar increase to monthly recycling fee		\$ 7.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<u>Water</u>										
	Increase to utility rate over prior year		\$ 1,500	\$ 30	\$ 31	\$ 31	\$ 32	\$ 32	\$ 33	\$ 34
	Average annual % increase to utility rate		2%				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.

Note 2: There are no operating costs related to Wastewater projects or Electric Utility projects.

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.

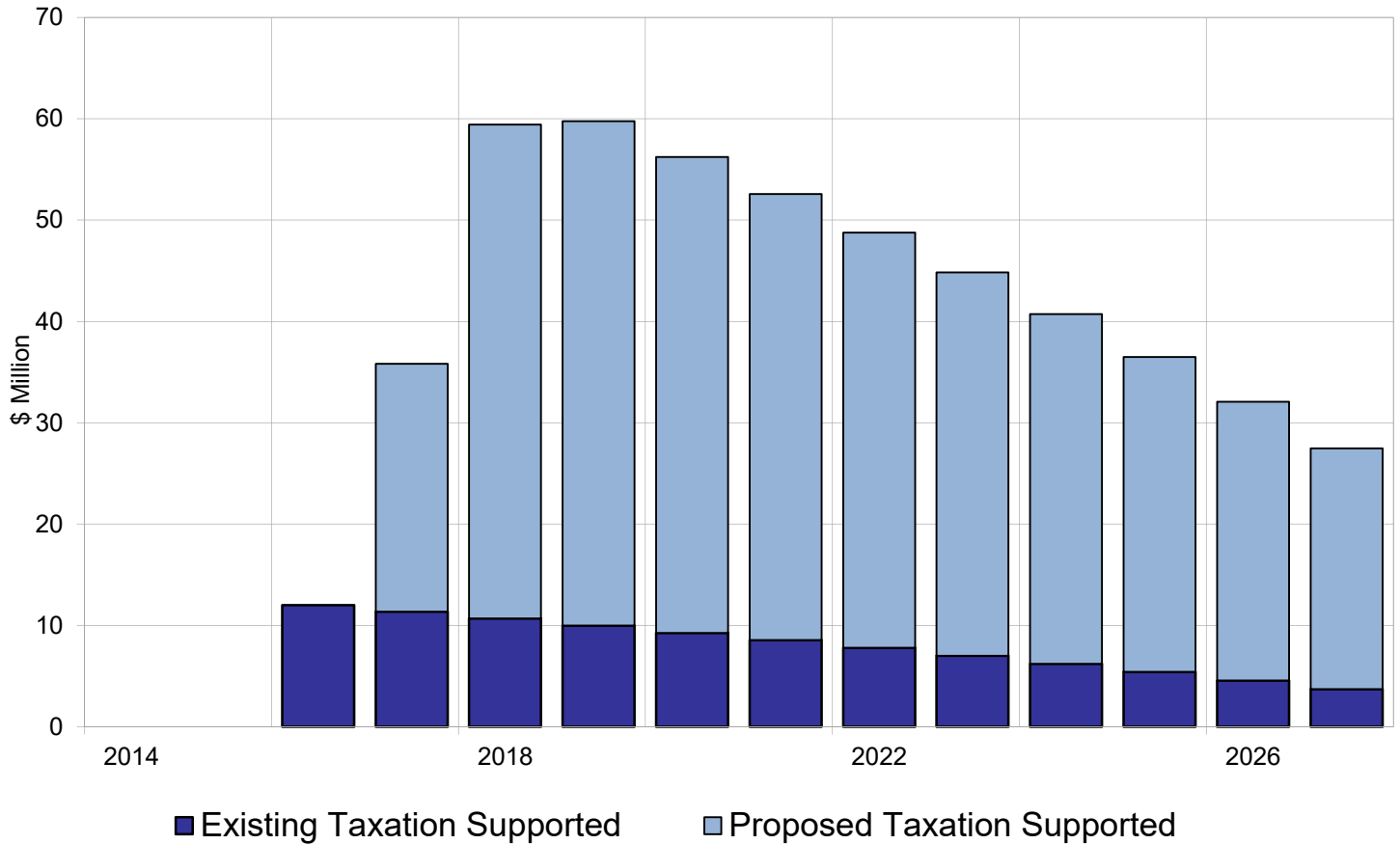
The plan was first introduced in 1991 and was fully implemented and funded by 1994. Short term financing of this plan is through the Major Capital Projects Reserve along with some internal borrowings from the Municipal Revenue Stabilization Reserve. In the longer term, debt servicing costs contained 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 future 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

2014-2027

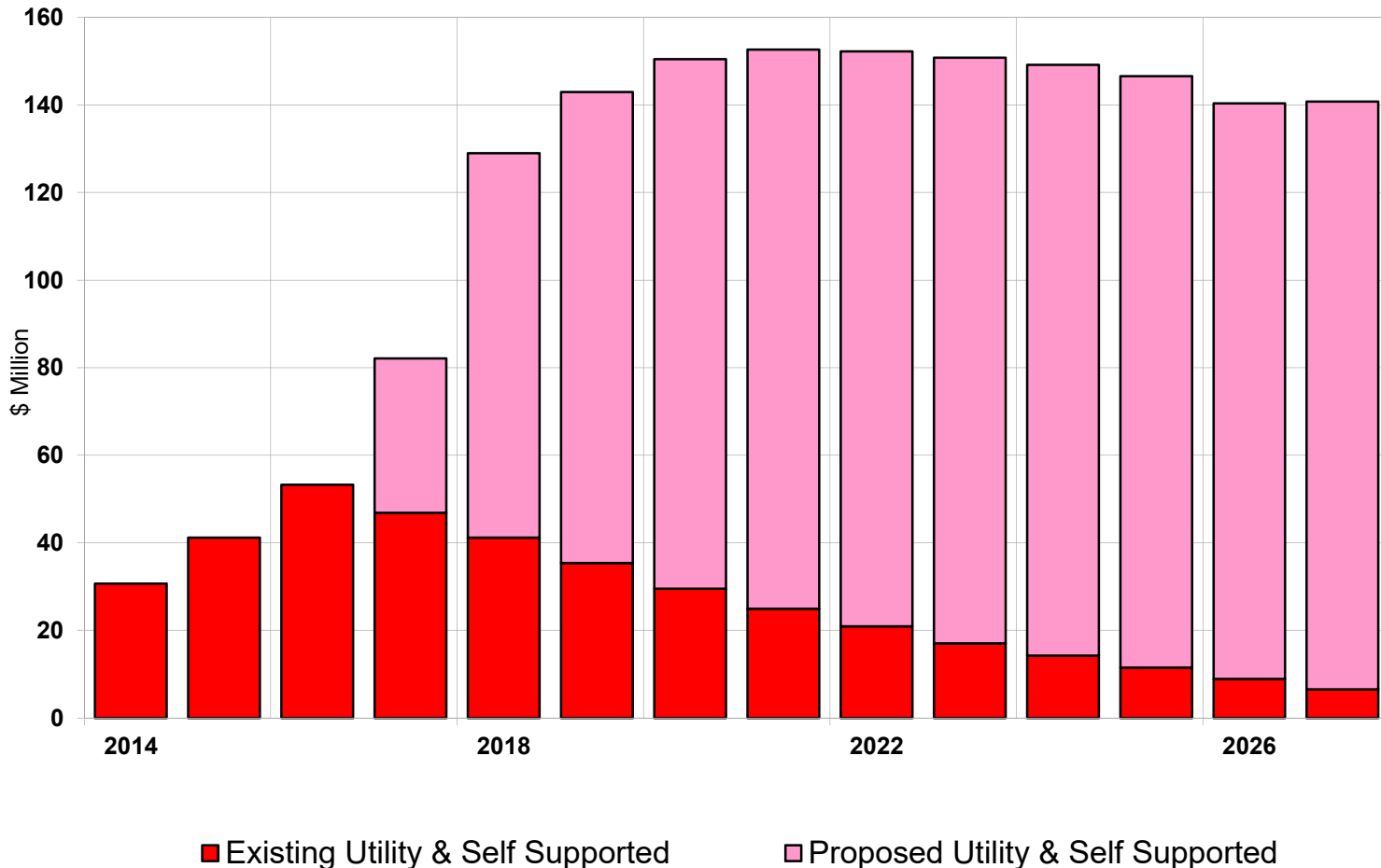


Taxation Supported External Debt for the City of Lethbridge relates to the construction of the ATB Centre - Phase 2 (Leisure Centre) which was approved in the 2014-2023 Capital Improvement Program. Prior to the requirement for debenture borrowing on this project, the City of Lethbridge had been free of taxation supported external debt. Given the magnitude of the ATB Centre project, external debenture debt was required as part of the overall funding strategy.

There are no other general funded external borrowings proposed within this ten-year capital improvement program.

Utility/Self Supported External Debt

2014-2027

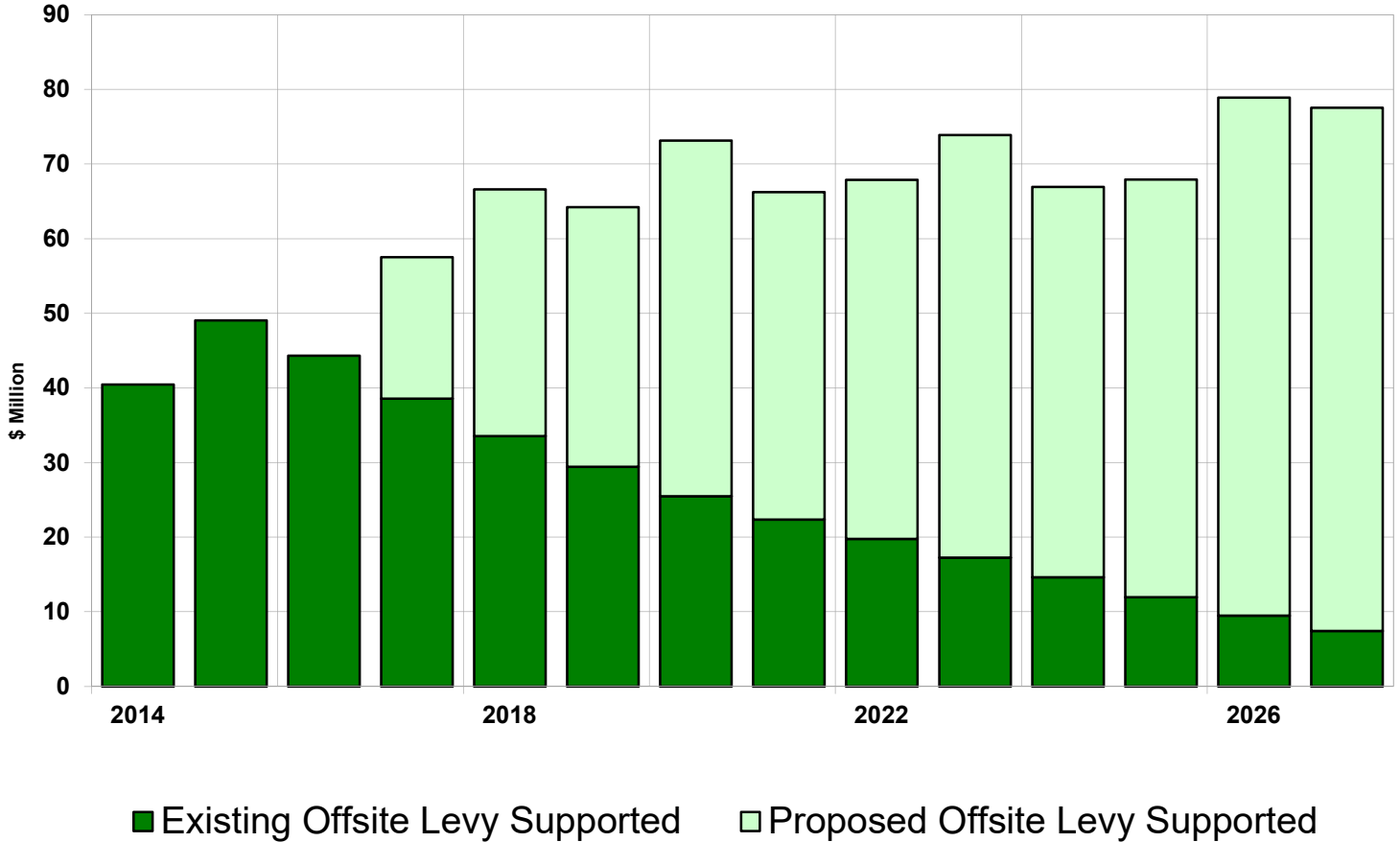


Utility supported debt includes borrowings for the Water Utility, Wastewater Utility, Waste & Recycling Utility, and Electric Utility. Self supported debt includes borrowings for local improvements, land development, and debt on behalf of external agencies.

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

2014-2027



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.

2017	\$257,000/ha
2018	\$265,000/ha
2019	\$273,000/ha
2020	\$281,000/ha
2021	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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
All amounts below are in thousands of dollars											
General Fund											
Transit Terminal and Regional Park 'n Ride	D - 15	-	3,630	-	-	-	-	-	-	-	3,630
Total Internal Borrowing		-	3,630	-	-	-	-	-	-	-	3,630

External Borrowings

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
General Fund												
ATB Centre - Phase 2 (Leisure Complex)	D - 6	25,490	3,570	-	-	-	-	-	-	-	29,060	
		25,490	3,570	-	-	-	-	-	-	-	29,060	
Waste & Recycling Services												
Curbside Recycling	E - 6	15,750	-	-	-	-	-	-	-	-	15,750	
Waste & Recycling Centre Disposal Cell Development and Closure	E - 7	5,300	2,300	650	-	550	60	1,830	-	410	18,800	
Landfill Gas & Leachate Management System	E - 8	250	2,950	2,250	-	-	120	-	120	-	5,690	
Waste & Recycling Centre Site Enhancements	E - 9	3,000	-	-	-	-	-	-	-	-	3,000	
Waste Processing Facility Upgrade	E - 10	-	2,920	-	-	-	-	-	-	-	2,920	
		24,300	8,170	2,900	-	550	180	1,830	120	410	46,160	
Wastewater Utility												
Wastewater Treatment Plant Headworks and Clarifier Upgrade	E - 11	3,750	-	-	-	-	-	-	-	-	3,750	
Wastewater Treatment Plant Primary Clarifier Replacement	E - 12	6,400	4,400	-	-	-	-	3,000	-	-	13,800	
Wastewater Treatment Plant Biosolids Treatment Upgrades	E - 13	500	1,500	-	-	-	-	-	-	-	2,000	
Wastewater Treatment Plant Phosphorous Recovery	E - 15	-	-	1,300	-	2,100	-	-	-	-	3,400	
Wastewater Treatment Plant UV Disinfection Upgrades	E - 16	-	-	-	-	600	2,400	-	-	-	3,000	
Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade	E - 17	-	-	-	-	600	1,000	1,400	-	-	3,000	
		10,650	5,900	1,300	-	3,300	3,400	1,400	3,000	-	28,950	
Water Utility												
Water Treatment Plant Residuals Management	E - 18	11,800	-	-	-	-	-	-	-	-	11,800	
Water Treatment Plant Process Redundancy	E - 20	400	1,000	5,000	5,000	-	-	-	-	-	11,400	
Water Reservoir Upgrades	E - 21	400	2,500	2,500	1,000	-	-	-	-	-	6,400	
		12,600	3,500	7,500	6,000	-	-	-	-	-	29,600	
Electric Utility												
Distribution Extension & Improvement Annual Program	F - 10	7,434	7,806	8,196	8,606	8,692	8,779	8,866	8,955	9,045	9,135	85,514
		7,434	7,806	8,196	8,606	8,692	8,779	8,866	8,955	9,045	9,135	85,514
Offsite Levy Projects												
North Scenic Drive (Uplands Blvd N to 40 Ave N)	CO - 3	-	-	4,650	-	-	-	-	-	-	4,650	
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4	-	2,850	2,925	-	-	-	-	-	-	5,775	
Metis Trail (Temple Blvd to Coalbrook Gate)	CO - 6	-	-	6,900	-	-	-	-	-	-	6,900	
Walsh Drive (University Dr to west of Metis Trail)	CO - 7	-	-	-	-	8,175	12,400	-	-	-	20,575	
University Drive (Walsh Drive to Commercial Access)	CO - 8	-	-	-	-	-	-	8,150	-	-	8,150	
Garry Dr (Garry Station to Homestead Blvd)	CO - 9	-	-	-	-	-	-	-	5,500	-	5,500	
26 Avenue North (23rd Street N to Scenic Drive)	CO - 10	-	-	-	-	-	-	-	7,300	-	7,300	
Metis Trail (Coalbrook Gate to Macleod Dr)	CO - 11	-	-	-	-	-	-	-	-	5,150	5,150	
West Siphon Screen Relocation	EO - 2	-	850	850	-	-	-	-	-	-	1,700	
Utility Extension Whoop Up (Mauretania Rd to 30th St)	EO - 3	-	-	-	-	-	-	-	2,400	-	2,400	
Macleod Westward Storm Outfall	EO - 4	-	-	-	-	-	-	-	3,350	-	3,350	
Utility Extension Macleod Drive (Mount Burk to Metis Tr)	EO - 5	-	-	-	-	-	-	-	-	1,750	1,750	
		-	3,700	15,325	-	8,175	12,400	-	8,150	18,550	6,900	73,200
Total External Borrowing		80,474	32,646	35,221	14,606	20,717	24,759	12,096	20,225	28,005	23,735	292,484

City of Lethbridge

External Borrowing Payments

Including Borrowings Proposed in this Capital Improvement Program

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	3,169	5,446	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764
Self Supported										
Land Development	1,509	1,509	1,509	1,039	955	955	955	955	955	955
Local Improvement	26	26	-	-	-	-	-	-	-	-
	1,535	1,535	1,509	1,039	955	955	955	955	955	955
Utility Supported										
Waste & Recycling Services										
Collection	71	71	-	-	-	-	-	-	-	-
Landfill	1,620	2,559	3,288	3,518	3,518	3,640	2,602	2,686	2,696	2,746
Recycling	127	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630	1,630
	1,818	4,260	4,918	5,148	5,148	5,270	4,232	4,316	4,326	4,376
Wastewater										
Buildings	645	645	645	645	645	406	277	197	59	-
Collection	125	125	125	125	-	-	-	-	-	-
Treatment	481	1,432	1,900	2,016	2,016	2,311	2,543	2,668	2,936	2,840
	1,252	2,203	2,670	2,786	2,661	2,717	2,820	2,866	2,995	2,840
Water										
Buildings	482	482	482	482	482	482	482	482	482	482
Distribution	491	491	674	806	599	599	599	599	599	599
Treatment	223	1,313	1,402	1,849	2,295	2,295	2,295	2,295	2,295	2,295
	1,197	2,286	2,559	3,137	3,377	3,377	3,377	3,377	3,377	3,377
Electric										
Distribution	3,749	4,412	5,109	5,017	5,579	6,355	7,139	7,931	8,731	9,372
Transmission	804	804	804	804	804	804	804	804	804	804
	4,553	5,217	5,914	5,822	6,383	7,160	7,943	8,735	9,535	10,176
Offsite Levy Supported										
Transportation, Wastewater & Water	7,855	8,202	8,477	9,402	8,773	8,754	9,558	9,558	9,994	11,175
	7,855	8,202	8,477	9,402	8,773	8,754	9,558	9,558	9,994	11,175
Total External Borrowing Payments	21,378	29,149	31,811	33,098	33,062	33,998	34,651	35,571	36,946	38,664
Debt Service Limit										
Estimated Debt Service Limit (Note 1)	92,000	94,800	97,600	100,500	103,500	106,600	109,800	113,100	116,500	120,000
Estimated Debt Service Limit Remaining	70,600	65,700	65,800	67,400	70,400	72,600	75,100	77,500	79,600	81,300
Estimated % of Debt Service Limit Used	23.2%	30.7%	32.6%	32.9%	31.9%	31.9%	31.6%	31.5%	31.7%	32.2%

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 Borrowing (Reserve Repayments)

Including Borrowings Proposed in this Capital Improvement Program

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	2,462	2,462	2,764	2,764	2,764	2,764	2,764	2,764	2,764	2,296
Technology & Systems	430	-	-	-	-	-	-	-	-	-
	<u>2,892</u>	<u>2,462</u>	<u>2,764</u>	<u>2,764</u>	<u>2,764</u>	<u>2,764</u>	<u>2,764</u>	<u>2,764</u>	<u>2,764</u>	<u>2,296</u>
Self Supported										
Land Development	556	556	556	-	-	-	-	-	-	-
Local Improvement	94	57	57	22	10	-	-	-	-	-
School Buses	47	47	47	47	47	48	29	30	-	-
	<u>697</u>	<u>660</u>	<u>660</u>	<u>70</u>	<u>57</u>	<u>48</u>	<u>29</u>	<u>30</u>	<u>-</u>	<u>-</u>
Total Reserve Repayments	<u>3,589</u>	<u>3,122</u>	<u>3,424</u>	<u>2,834</u>	<u>2,822</u>	<u>2,812</u>	<u>2,793</u>	<u>2,794</u>	<u>2,764</u>	<u>2,296</u>

City of Lethbridge

External Borrowing Balance

Including Borrowings Proposed in this Capital Improvement Program

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	59,406	59,748	56,221	52,560	48,760	44,815	40,721	36,471	32,059	27,479
Self Supported										
Land Development	8,608	7,363	6,073	5,210	4,405	3,575	2,721	1,841	934	-
Local Improvement	25	-	-	-	-	-	-	-	-	-
	<u>8,633</u>	<u>7,363</u>	<u>6,073</u>	<u>5,210</u>	<u>4,405</u>	<u>3,575</u>	<u>2,721</u>	<u>1,841</u>	<u>934</u>	<u>-</u>
Utility Supported										
Waste & Recycling Services										
Collection	69	-	-	-	-	-	-	-	-	-
Landfill	18,207	24,603	25,240	22,758	20,712	18,075	18,007	16,142	14,481	19,992
Recycling	17,115	16,149	15,145	14,102	13,016	11,888	10,715	9,496	8,228	6,909
	<u>35,391</u>	<u>40,752</u>	<u>40,385</u>	<u>36,859</u>	<u>33,728</u>	<u>29,964</u>	<u>28,723</u>	<u>25,638</u>	<u>22,709</u>	<u>26,902</u>
Wastewater										
Buildings	3,303	2,724	2,133	1,529	912	521	252	58	-	-
Collection	348	237	121	-	-	-	-	-	-	-
Treatment	14,431	19,457	19,616	18,364	20,363	22,247	21,972	23,162	21,131	19,117
	<u>18,082</u>	<u>22,419</u>	<u>21,870</u>	<u>19,893</u>	<u>21,275</u>	<u>22,768</u>	<u>22,225</u>	<u>23,221</u>	<u>21,131</u>	<u>19,117</u>
Water										
Buildings	4,260	3,894	3,518	3,130	2,732	2,323	1,902	1,469	1,024	566
Distribution	2,151	3,776	5,732	6,134	5,762	5,377	4,977	4,562	4,132	3,686
Treatment	14,576	14,839	19,022	22,923	21,532	20,084	18,577	17,010	15,379	13,682
	<u>20,986</u>	<u>22,508</u>	<u>28,271</u>	<u>32,188</u>	<u>30,026</u>	<u>27,783</u>	<u>25,456</u>	<u>23,041</u>	<u>20,535</u>	<u>17,934</u>
Electric										
Distribution	37,329	41,951	46,490	51,752	56,764	61,298	65,325	68,821	71,756	74,270
Transmission	8,558	7,953	7,334	6,700	6,050	5,386	4,705	4,008	3,294	2,564
	<u>45,887</u>	<u>49,904</u>	<u>53,823</u>	<u>58,452</u>	<u>62,815</u>	<u>66,683</u>	<u>70,030</u>	<u>72,829</u>	<u>75,051</u>	<u>76,833</u>
Offsite Levy Supported										
Transportation, Wastewater & Water	66,598	64,203	73,129	66,213	67,867	73,867	66,932	67,901	78,906	77,548
	<u>66,598</u>	<u>64,203</u>	<u>73,129</u>	<u>66,213</u>	<u>67,867</u>	<u>73,867</u>	<u>66,932</u>	<u>67,901</u>	<u>78,906</u>	<u>77,548</u>
Total External Borrowing Balance	<u>254,982</u>	<u>266,898</u>	<u>279,772</u>	<u>271,375</u>	<u>268,876</u>	<u>269,455</u>	<u>256,807</u>	<u>250,941</u>	<u>251,325</u>	<u>245,814</u>
Debt Limit										
Estimated Debt Limit (Note 1)	552,000	568,600	585,700	603,300	621,400	640,000	659,200	679,000	699,400	720,400
Estimated Debt Limit remaining	297,000	301,700	305,900	331,900	352,500	370,500	402,400	428,100	448,100	474,600
Estimated % of Debt Limit Used	46.2%	46.9%	47.8%	45.0%	43.3%	42.1%	39.0%	37.0%	35.9%	34.1%

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 Borrowing Balance

Including Borrowings Proposed in this Capital Improvement Program

	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
All amounts below are in thousands of dollars										
Taxation Supported										
Buildings & Facilities	22,752	24,668	22,704	20,678	18,588	16,431	14,206	11,909	9,538	7,559
	<u>22,752</u>	<u>24,668</u>	<u>22,704</u>	<u>20,678</u>	<u>18,588</u>	<u>16,431</u>	<u>14,206</u>	<u>11,909</u>	<u>9,538</u>	<u>7,559</u>
Self Supported										
Land Development	6,542	6,032	5,500	5,500	5,500	5,500	5,500	5,500	5,500	5,500
Local Improvement	138	86	31	10	-	-	-	-	-	-
School Buses	257	220	182	141	100	56	29	-	-	-
	<u>6,937</u>	<u>6,338</u>	<u>5,713</u>	<u>5,651</u>	<u>5,600</u>	<u>5,556</u>	<u>5,529</u>	<u>5,500</u>	<u>5,500</u>	<u>5,500</u>
Total Internal Borrowing Balance	<u>29,690</u>	<u>31,006</u>	<u>28,417</u>	<u>26,330</u>	<u>24,188</u>	<u>21,987</u>	<u>19,734</u>	<u>17,409</u>	<u>15,038</u>	<u>13,059</u>

**INFRASTRUCTURE
TRANSPORTATION
CAPITAL IMPROVEMENT PROJECTS
2018-2027**

City of Lethbridge
Infrastructure - Transportation
Capital Improvement Program 2018 - 2027 Projects
Commencing in the First Four Years

Project Costs	Page	Project Costs				
		2018	2019	2020	2021	2022-2027
All amounts below are in thousands						
Infrastructure - Transportation						
<u>Transportation</u>						
Maintain Safety						
Intersection Improvements - Non-Growth	C - 5	1,420	1,420	1,950	1,950	8,520
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	982	1,031	1,082	1,136	8,114
Gravelled Roadway Upgrading	C - 7	1,100				
Accessibility Improvements	C - 8	500	526	552	578	4,134
		4,002	2,977	3,584	3,664	20,768
Preserve Existing Infrastructure						
Annual Overlay Program	C - 9	3,000	3,130	3,272	3,357	19,330
Bridge Rehabilitation Program	C - 10	5,100	1,050	170	170	1,020
Railway Rehabilitation Program	C - 11	640	672	706	740	5,494
Traffic Signals Replacement	C - 12	1,100	550	550	550	3,300
Major Sidewalk Rehabilitation Program	C - 13	268	281	295	310	2,215
Paved Lane Rehabilitation Program	C - 14	334	351	368	387	2,761
Community Lighting - Rehabilitation	C - 15	184	193	203	213	1,520
Arterial Sign Replacement	C - 16	250	250			
		10,876	6,477	5,564	5,727	35,640
Upgrade Existing System						
Transportation Master Plan Update	C - 17			1,050		
Functional Planning and Design - 62 Ave N	C - 18	400				
		400		1,050		
Provide Access for Growth (Offsite Levy)						
5th Avenue N and 13th Street N (Preliminary Design)	CO - 2		500			
North Scenic Drive (Uplands Blvd N to 40 Ave N)	CO - 3			4,650		
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4		4,383	6,504		
Metis Trail (Temple Blvd to Coalbrook Gate)	CO - 6			6,900		
			4,883	18,054		
TOTAL PROJECTS		15,278	14,337	28,252	9,391	56,408
Project Funding						
Borrowing - Offsites			2,850	14,475		
Capital Consolidation			1,533	2,267		
Frontage Levy		850	860	875	830	5,610
Grant - AB Community Partnership		200				
Grant - Basic Municipal Transportation		10,936	5,593	7,584	5,579	31,560
Grant - Federal Gas Tax Fund (FGTF)		882	926	972	1,020	7,286
Offsite Levy			125			
PAYG - Transportation		2,410	2,450	1,942	1,962	11,952
Reserve - MRSR				137		
TOTAL FUNDING		15,278	14,337	28,252	9,391	56,408

City of Lethbridge
Infrastructure - Transportation
Capital Improvement Program 2018 - 2027

Project Costs	Page	Project Costs										
		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
All amounts below are in thousands												
Infrastructure - Transportation												
<u>Transportation</u>												
Maintain Safety												
Intersection Improvements - Non-Growth	C - 5	1,420	1,420	1,950	1,950	1,420	1,420	1,420	1,420	1,420	1,420	15,260
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	982	1,031	1,082	1,136	1,193	1,253	1,315	1,381	1,450	1,522	12,345
Gravelled Roadway Upgrading	C - 7	1,100										1,100
Accessibility Improvements	C - 8	500	526	552	578	608	638	670	704	738	776	6,290
Preserve Existing Infrastructure												
Annual Overlay Program	C - 9	3,000	3,130	3,272	3,357	3,567	2,915	3,030	3,146	3,271	3,401	32,089
Bridge Rehabilitation Program	C - 10	5,100	1,050	170	170	170	170	170	170	170	170	7,510
Railway Rehabilitation Program	C - 11	640	672	706	740	978	818	858	900	946	994	8,252
Traffic Signals Replacement	C - 12	1,100	550	550	550	550	550	550	550	550	550	6,050
Major Sidewalk Rehabilitation Program	C - 13	268	281	295	310	326	342	359	377	395	416	3,369
Paved Lane Rehabilitation Program	C - 14	334	351	368	387	406	426	448	470	493	518	4,201
Community Lighting - Rehabilitation	C - 15	184	193	203	213	223	235	246	259	272	285	2,313
Arterial Sign Replacement	C - 16	250	250									500
Upgrade Existing System												
Transportation Master Plan Update	C - 17			1,050								1,050
Functional Planning and Design - 62 Ave N	C - 18	400										400
Chinook Trail River Crossing (Preliminary Design)	C - 19							5,000				5,000
Provide Access for Growth (Offsite Levy)												
Intersection Improvements - Growth	CO - 1					1,300	1,300	1,300	1,300	1,300	1,300	7,800
5th Avenue N and 13th Street N (Preliminary Design)	CO - 2		500									500
North Scenic Drive (Uplands Blvd N to 40 Ave N)	CO - 3			4,650								4,650
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4		4,383	6,504								10,887
University Drive (Walsh Dr to Hwy 3)	CO - 5						450					450
Metis Trail (Temple Blvd to Coalbrook Gate)	CO - 6			6,900								6,900
Walsh Drive (University Dr to west of Metis Trail)	CO - 7					8,850	12,400					21,250
University Drive (Walsh Drive to Commercial Access)	CO - 8								8,150			8,150
Garry Dr (Garry Station to Homestead Blvd)	CO - 9								5,500			5,500
26 Avenue North (23rd Street N to Scenic Drive)	CO -10								11,600			11,600
Metis Trail (Coalbrook Gate to Macleod Dr)	CO -11										5,150	5,150
TOTAL PROJECTS		15,278	14,337	28,252	9,391	19,591	22,467	10,816	23,827	28,105	16,502	188,566
Project Funding												
Borrowing - Offsites			2,850	14,475		8,175	12,400		8,150	12,800	5,150	64,000
Capital Consolidation			1,533	2,267								3,800
Frontage Levy		850	860	875	830	900	915	930	940	955	970	9,025
Grant - AB Community Partnership		200										200
Grant - Basic Municipal Transportation		10,936	5,593	7,584	5,579	6,912	5,920	6,069	6,227	10,691	6,566	72,077
Grant - Federal Gas Tax Fund (FGTF)		882	926	972	1,020	1,071	1,125	1,181	1,240	1,302	1,367	11,086
Offsite Levy			125			325	325	775	325	325	325	2,525
PAYG - Transportation		2,410	2,450	1,942	1,962	2,208	1,782	1,861	6,945	2,032	2,124	25,716
Reserve - MRSR				137								137
TOTAL FUNDING		15,278	14,337	28,252	9,391	19,591	22,467	10,816	23,827	28,105	16,502	188,566

City of Lethbridge
Infrastructure - Transportation
Capital Improvement Program 2018 - 2027
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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	7,700	2,614	2,951	1,382	1,900	1,172	1,522	1,810	2,028	(2,126)		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(1,300)	(1,300)	(1,800)	(1,800)	(1,300)	(1,300)	(1,300)	(1,300)	(1,300)	(1,300)	(14,000)
Gravelled Roadway Upgrading	C - 7	(1,000)										(1,000)
Accessibility Improvements	C - 8	(250)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(388)	(3,145)
Annual Overlay Program	C - 9	(1,700)	(1,810)	(1,926)	(2,047)	(2,174)	(1,800)	(1,890)	(1,985)	(2,084)	(2,188)	(19,604)
Bridge Rehabilitation Program	C - 10	(5,000)	(1,000)	(150)	(150)	(150)	(150)	(150)	(150)	(150)	(150)	(7,200)
Railway Rehabilitation Program	C - 11	(320)	(336)	(353)	(370)	(389)	(409)	(429)	(450)	(473)	(497)	(4,026)
Traffic Signals Replacement	C - 12	(1,000)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(5,500)
Major Sidewalk Rehabilitation Program	C - 13	(244)	(256)	(269)	(282)	(297)	(311)	(327)	(343)	(360)	(379)	(3,068)
Community Lighting - Rehabilitation	C - 15	(122)	(128)	(135)	(141)	(148)	(156)	(163)	(172)	(180)	(189)	(1,534)
Transportation Master Plan Update	C - 17			(1,000)								(1,000)
Intersection Improvements - Growth	CO - 1					(975)	(975)	(975)	(975)	(975)	(975)	(5,850)
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4			(1,175)								(1,175)
Walsh Drive (University Dr to west of Metis Trail)	CO - 7					(675)						(675)
26 Avenue North (23rd Street N to Scenic Drive)	CO - 10								(4,300)			(4,300)
		(10,936)	(5,593)	(7,584)	(5,579)	(6,912)	(5,920)	(6,069)	(6,227)	(10,691)	(6,566)	(72,077)
Additions:												
Grant Funding		5,849	5,931	6,014	6,098	6,183	6,270	6,357	6,446	6,537	6,628	62,313
		5,849	5,931	6,014	6,098	6,183	6,270	6,357	6,446	6,537	6,628	62,313
Closing Balance		2,614	2,951	1,382	1,900	1,172	1,522	1,810	2,028	(2,126)	(2,064)	

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.

Pay-As-You-Go (PAYG) - Transportation

Forecast

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	1,048	456	(61)	55	282	403	1,299	2,251	(1,739)	(666)		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(120)	(120)	(150)	(150)	(120)	(120)	(120)	(120)	(120)	(1,260)	
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(100)	(105)	(110)	(116)	(122)	(128)	(134)	(141)	(148)	(1,259)	
Gravelled Roadway Upgrading	C - 7	(100)									(100)	
Accessibility Improvements	C - 8	(250)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(3,145)	
Annual Overlay Program	C - 9	(450)	(460)	(471)	(480)	(493)	(200)	(210)	(221)	(232)	(3,460)	
Bridge Rehabilitation Program	C - 10	(100)	(50)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(310)	
Railway Rehabilitation Program	C - 11	(320)	(336)	(353)	(370)	(589)	(409)	(429)	(450)	(473)	(4,226)	
Traffic Signals Replacement	C - 12	(100)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(550)	
Major Sidewalk Rehabilitation Program	C - 13	(24)	(25)	(26)	(28)	(29)	(31)	(32)	(34)	(35)	(301)	
Paved Lane Rehabilitation Program	C - 14	(334)	(351)	(368)	(387)	(406)	(426)	(448)	(470)	(493)	(4,201)	
Community Lighting - Rehabilitation	C - 15	(62)	(65)	(68)	(72)	(75)	(79)	(83)	(87)	(92)	(779)	
Arterial Sign Replacement	C - 16	(250)	(250)								(500)	
Transportation Master Plan Update	C - 17			(50)							(50)	
Functional Planning and Design - 62 Ave N	C - 18	(200)									(200)	
Chinook Trail River Crossing (Preliminary Design)	C - 19							(5,000)			(5,000)	
5th Avenue N and 13th Street N (Preliminary Design)	CO - 2		(375)								(375)	
		(2,410)	(2,450)	(1,942)	(1,962)	(2,208)	(1,782)	(1,861)	(6,945)	(2,032)	(2,124)	(25,716)
Additions:												
Current Year Funding		2,105	2,205	2,313	2,428	2,550	2,678	2,813	2,955	3,105	3,262	26,414
		2,105	2,205	2,313	2,428	2,550	2,678	2,813	2,955	3,105	3,262	26,414
Previously Approved Allocations												
Metis Trail Loan Payments		(287)	(271)	(255)	(239)	(221)						(1,274)
		(287)	(271)	(255)	(239)	(221)						(1,274)
Closing Balance		456	(61)	55	282	403	1,299	2,251	(1,739)	(666)	472	



CITY OF
Lethbridge



Capital Improvement Program
2018 to 2027

Major Program: **Maintain Safety**

Project Title: **Intersection Improvements - Non-Growth**

Dept - Project #: **6a**

Start Year: **2018**

End Year: **Ongoing**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Intersection improvements include 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 intersections, or along the roadway between intersections. Traffic calming improvements may include;</p> <ul style="list-style-type: none"> - bulb outs at intersections - mini roundabouts - lane restrictions and chicanes <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>2018-2021 - additional improvements for 6th Avenue corridor. The 6th Avenue South functional plan was approved by City Council in the spring of 2016. In this plan there were a number of short term (0-5yrs) improvements to be made that would be funded from existing operations or capital budgets.</p>	<p>These intersection improvements will ensure safety is maintained and acceptable levels of service are restored. Also, they typically 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 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>Examples of analysis and warrants include:</p> <ul style="list-style-type: none"> - level of service (LOS) - volume to capacity - traffic incidents

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		1,170	1,170	1,620	1,620	1,170	1,170	1,170	1,170	1,170	1,170	12,600
Consultive Services		130	130	180	180	130	130	130	130	130	130	1,400
		<u>1,300</u>	<u>1,300</u>	<u>1,800</u>	<u>1,800</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>14,000</u>
Costs - Non-Shareable												
Other		120	120	150	150	120	120	120	120	120	120	1,260
		<u>120</u>	<u>120</u>	<u>150</u>	<u>150</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>120</u>	<u>1,260</u>
Total Costs		<u>1,420</u>	<u>1,420</u>	<u>1,950</u>	<u>1,950</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>15,260</u>
Funding												
Grant - Basic Municipal Transportation		1,300	1,300	1,800	1,800	1,300	1,300	1,300	1,300	1,300	1,300	14,000
PAYG - Transportation		120	120	150	150	120	120	120	120	120	120	1,260
		<u>1,420</u>	<u>1,420</u>	<u>1,950</u>	<u>1,950</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>15,260</u>
Total Funding		<u>1,420</u>	<u>1,420</u>	<u>1,950</u>	<u>1,950</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>1,420</u>	<u>15,260</u>

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



- As Warranted based on:
- Traffic and Pedestrian Volumes,
 - Incident History,
 - Congestion

Intersection Improvements Non-Growth

Major Program: **Maintain Safety**Project Title: **Bikeways/Pathways/Sidewalks Along Roadways**Dept - Project #: **111**Start Year: **2018**End Year: **Ongoing**Capital Improvement Program
2018 to 2027

Description & Location	Purpose & Justification
<p>The intent of this project is to implement new pathways and bikeways within the public road right-of-ways, including rail and bridge crossings identified in the 2007 Bikeways and Pathways Master Plan and the 2016 Cycling Master Plan. The locations of on-street bikeways must be identified with adequate planning completed to identify construction constraints.</p> <p>Projects as warranted for 2018 to 2021 and/or identified in the master plans (noted above):</p> <ul style="list-style-type: none"> • Bridge Crossings <ul style="list-style-type: none"> - Stafford Drive/Hwy 3 - Mayor Magrath Drive/Hwy 3 - Scenic Drive/Whoop Up Drive • Rail Crossings <ul style="list-style-type: none"> - Hwy 3/WT Hill Blvd - Hwy 3/43 Street - Hwy 3/30 Street - 43 Street near Exhibition Park • New Cycling Routes 	<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 Bikeways and Pathways Master Plan and Cycling Master Plan. 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 look at both on-street dedicated and shared cycling lanes.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		882	926	972	1,020	1,071	1,125	1,181	1,241	1,302	1,367	11,087
Consultive Services		50	53	55	58	61	64	67	70	74	78	630
		<u>932</u>	<u>979</u>	<u>1,027</u>	<u>1,078</u>	<u>1,132</u>	<u>1,189</u>	<u>1,248</u>	<u>1,311</u>	<u>1,376</u>	<u>1,445</u>	<u>11,717</u>
Costs - Non-Shareable												
Other		50	52	55	58	61	64	67	70	74	77	628
		<u>50</u>	<u>52</u>	<u>55</u>	<u>58</u>	<u>61</u>	<u>64</u>	<u>67</u>	<u>70</u>	<u>74</u>	<u>77</u>	<u>628</u>
Total Costs		<u>982</u>	<u>1,031</u>	<u>1,082</u>	<u>1,136</u>	<u>1,193</u>	<u>1,253</u>	<u>1,315</u>	<u>1,381</u>	<u>1,450</u>	<u>1,522</u>	<u>12,345</u>
Funding												
Grant - Federal Gas Tax Fund (FGTF)		882	926	972	1,020	1,071	1,125	1,181	1,240	1,302	1,367	11,086
PAYG - Transportation		100	105	110	116	122	128	134	141	148	155	1,259
		<u>982</u>	<u>1,031</u>	<u>1,082</u>	<u>1,136</u>	<u>1,193</u>	<u>1,253</u>	<u>1,315</u>	<u>1,381</u>	<u>1,450</u>	<u>1,522</u>	<u>12,345</u>
Total Funding		<u>982</u>	<u>1,031</u>	<u>1,082</u>	<u>1,136</u>	<u>1,193</u>	<u>1,253</u>	<u>1,315</u>	<u>1,381</u>	<u>1,450</u>	<u>1,522</u>	<u>12,345</u>
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		40	42	44	46	49	51	54	56	59	62	

Comments



**Bikeways / Pathways / Sidewalks
Along Roadways**

Major Program: **Maintain Safety**Project Title: **Gravelled Roadway Upgrading**Dept - Project #: **1a**Start Year: **2018**End Year: **2018**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project was included in the last CIP at \$960,000. Additional cost added to the budget is to account for additional paving work to transition between 44th Avenue to 40th Avenue North / Blackwolf Blvd.</p> <p>Reconstruction (raise grade, widen and improve drainage) and surfacing of outer access gravel roads.</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>2018: Scenic Drive North from 44th Ave to North City Limits</p> <p>This program will diminish as most existing gravelled roadways will be either paved or will ultimately be removed as development occurs.</p>	<p>Traffic volumes on some gravelled road 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. Upgrades lead to reductions in road user costs, travel times, driver anxiety, public complaints and maintenance costs.</p>

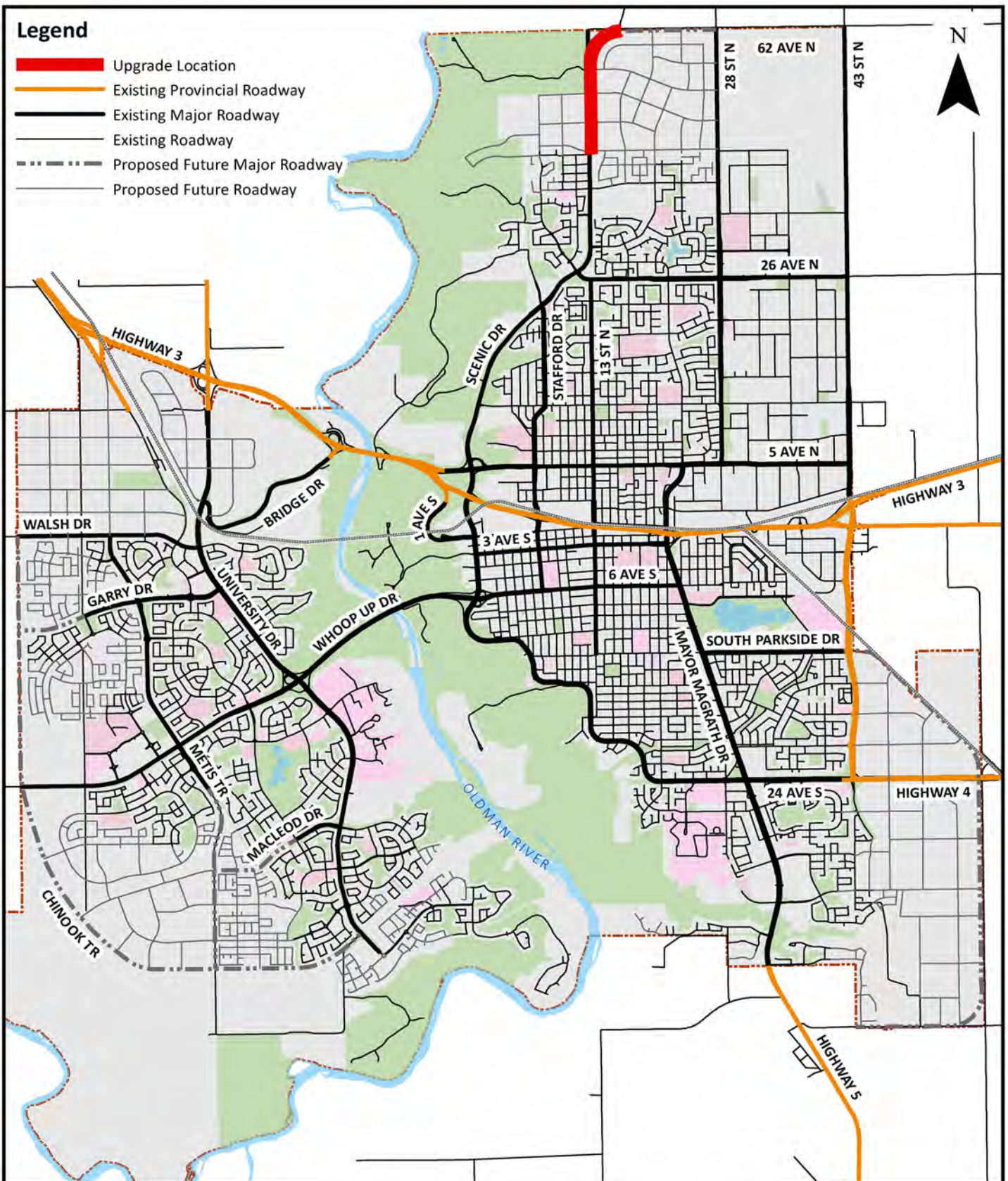
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		900										900
Consultive Services		100										100
		<u>1,000</u>										<u>1,000</u>
Costs - Non-Shareable												
Other		100										100
		<u>100</u>										<u>100</u>
Total Costs		<u>1,100</u>										<u>1,100</u>
Funding												
Grant - Basic Municipal Transportation		1,000										1,000
PAYG - Transportation		100										100
		<u>1,100</u>										<u>1,100</u>
Total Funding		<u>1,100</u>										<u>1,100</u>

Estimated Debt Charges

Projected Net Operating Costs

Comments



Gravel Road Upgrades

Scenic Dr N (44 Ave N to City Limits)



CITY OF
Lethbridge

Major Program: **Maintain Safety**

Project Title: **Accessibility Improvements**

Dept - Project #: **4**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program involves construction of mobility ramps for any on-street parking stalls and 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. In addition, this program will include pedestrian pushbutton upgrades to Accessible Pedestrian Signal (APS) stations and relocation of pedestrian pushbuttons to improve pedestrian accessibility at signalized intersections.</p> <p>Approximately 75-100 ramps per year will be replaced during the course of this project. Once the ramps are installed in 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>Approximately 15-20 signalized intersections per year will be retrofitted with APS stations and improved pedestrian pushbutton locations to ensure accessibility. Locations will be prioritized based on high pedestrian activity, proximity to schools, community and recreation centers, facilities for seniors and those with mobility and/or sensory impairments.</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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		250	263	276	289	304	319	335	352	369	388	3,145
		<u>250</u>	<u>263</u>	<u>276</u>	<u>289</u>	<u>304</u>	<u>319</u>	<u>335</u>	<u>352</u>	<u>369</u>	<u>388</u>	<u>3,145</u>
Costs - Non-Shareable												
Other		250	263	276	289	304	319	335	352	369	388	3,145
		<u>250</u>	<u>263</u>	<u>276</u>	<u>289</u>	<u>304</u>	<u>319</u>	<u>335</u>	<u>352</u>	<u>369</u>	<u>388</u>	<u>3,145</u>
Total Costs		500	526	552	578	608	638	670	704	738	776	6,290
Funding												
Grant - Basic Municipal Transportation		250	263	276	289	304	319	335	352	369	388	3,145
PAYG - Transportation		250	263	276	289	304	319	335	352	369	388	3,145
		<u>500</u>	<u>526</u>	<u>552</u>	<u>578</u>	<u>608</u>	<u>638</u>	<u>670</u>	<u>704</u>	<u>738</u>	<u>776</u>	<u>6,290</u>
Total Funding		500	526	552	578	608	638	670	704	738	776	6,290

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Accessibility Improvements



Capital Improvement Program
2018 to 2027

Major Program: **Preserve Existing Infrastructure**

Project Title: **Annual Overlay Program**

Dept - Project #: **9a**

Start Year: **2022**

End Year: **Ongoing**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets rehabilitation of roadways throughout the City of Lethbridge transportation network. Locations are targeted using a pavement management program. This system relies on a database of condition assessments to determine roadway sections that require further evaluation by a technical professional. This approach yields the best value for our roadway rehabilitation budget.</p> <p>Current analysis indicates arterial and local road systems are in relatively good condition and that regular investments as indicated in this project should protect that investment. Additional funding in the last CIP did improve the overall condition of local roads however collector roads have falling just below our established service levels and reallocation of funds is required to meet those levels.</p> <p>Required work usually involves milling a portion of existing asphalt and replacing it with new or recycled asphalt. This typically extends the life of the pavement for another 15 years.</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 continually maintain the transportation network.</p> <p>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 maintenance program includes crack sealing, applying "skin coats", and pothole patching. This project funds a major rehabilitation of the pavement surface.</p> <p>There are presently over 500 kilometres of paved roadways with an asset replacement value of approximately \$500 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.</p> <p>Over the last five years our arterial and local road conditions have been maintained to a stable 72%-68% and 57%-55% respectively. However the collector road Pavement Quality Index (PQI) over this same time period, has decreased from 64% to 56%. This has been confirmed with 2020 data collection.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		2,550	2,670	2,801	2,877	3,074	2,715	2,820	2,925	3,039	3,158	28,629
		<u>2,550</u>	<u>2,670</u>	<u>2,801</u>	<u>2,877</u>	<u>3,074</u>	<u>2,715</u>	<u>2,820</u>	<u>2,925</u>	<u>3,039</u>	<u>3,158</u>	<u>28,629</u>
Costs - Non-Shareable												
Other		450	460	471	480	493	200	210	221	232	243	3,460
		<u>450</u>	<u>460</u>	<u>471</u>	<u>480</u>	<u>493</u>	<u>200</u>	<u>210</u>	<u>221</u>	<u>232</u>	<u>243</u>	<u>3,460</u>
Total Costs		3,000	3,130	3,272	3,357	3,567	2,915	3,030	3,146	3,271	3,401	32,089
Funding												
Frontage Maintenance Levy		850	860	875	830	900	915	930	940	955	970	9,025
Grant - Basic Municipal Transportation		1,700	1,810	1,926	2,047	2,174	1,800	1,890	1,985	2,084	2,188	19,604
PAYG - Transportation		450	460	471	480	493	200	210	221	232	243	3,460
		<u>3,000</u>	<u>3,130</u>	<u>3,272</u>	<u>3,357</u>	<u>3,567</u>	<u>2,915</u>	<u>3,030</u>	<u>3,146</u>	<u>3,271</u>	<u>3,401</u>	<u>32,089</u>
Total Funding		3,000	3,130	3,272	3,357	3,567	2,915	3,030	3,146	3,271	3,401	32,089

Estimated Debt Charges

Projected Net Operating Costs

Est. GHG Emissions (t CO2e)

Comments

This Capital Improvement Project amended and approved as per Council resolution dated December 14, 2020 for Operating Budget Initiative A-106 Road Maintenance and Operating Transfers.



Ongoing program varies as identified from annual condition inspection program.

Annual Overlay Program



CITY OF
Lethbridge

Major Program: **Preserve Existing Infrastructure**

Project Title: **Bridge Rehabilitation Program**

Dept - Project #: **13a**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets rehabilitation of bridges and overpasses throughout the City of Lethbridge transportation network and urban parks systems. Locations are targeted using the Municipal Bridge Management System, which relies on a database of condition assessments to determine bridge structures that require further evaluation by technical professionals.</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>2018</p> <ul style="list-style-type: none"> • Bridge #27: West bound Whoop Up Drive over Oldman River; girder coating rehabilitation (\$2,500,000 for construction and engineering). Included in the prior CIP at \$2.4 million in 2019. • Bridge #1: East bound Whoop Up Dr over Oldman River; girder coating rehabilitation (\$2,500,000 for construction and engineering). Included in the prior CIP at \$2.1 million but this work has been deferred until 2018 based upon recommendations from the City's bridge consultant (as current condition assessments indicated that this work could be delayed). <p>2019</p> <ul style="list-style-type: none"> • Bridge #29: 43rd Street North over SMRID canal: (\$1,050,000). 	<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 rehabilitation work is done at the appropriate time to minimize life cycle costs and ensure structural integrity of the structures. Currently the analysis done by the software and inspections indicate the bridges and structures are in good condition and that identified investments as indicated in this project should protect our investment. Rehabilitation needs for 2018 to 2027 are based on 2015 and 2016 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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		4,500	900	135	135	135	135	135	135	135	135	6,480
Consultive Services		500	100	15	15	15	15	15	15	15	15	720
		<u>5,000</u>	<u>1,000</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>150</u>	<u>7,200</u>
Costs - Non-Shareable												
Other		100	50	20	20	20	20	20	20	20	20	310
		<u>100</u>	<u>50</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>20</u>	<u>310</u>
Total Costs		<u>5,100</u>	<u>1,050</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>7,510</u>
Funding												
Grant - Basic Municipal Transportation		5,000	1,000	150	150	150	150	150	150	150	150	7,200
PAYG - Transportation		100	50	20	20	20	20	20	20	20	20	310
		<u>5,100</u>	<u>1,050</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>7,510</u>
Total Funding		<u>5,100</u>	<u>1,050</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>170</u>	<u>7,510</u>

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Bridge Rehabilitation Program

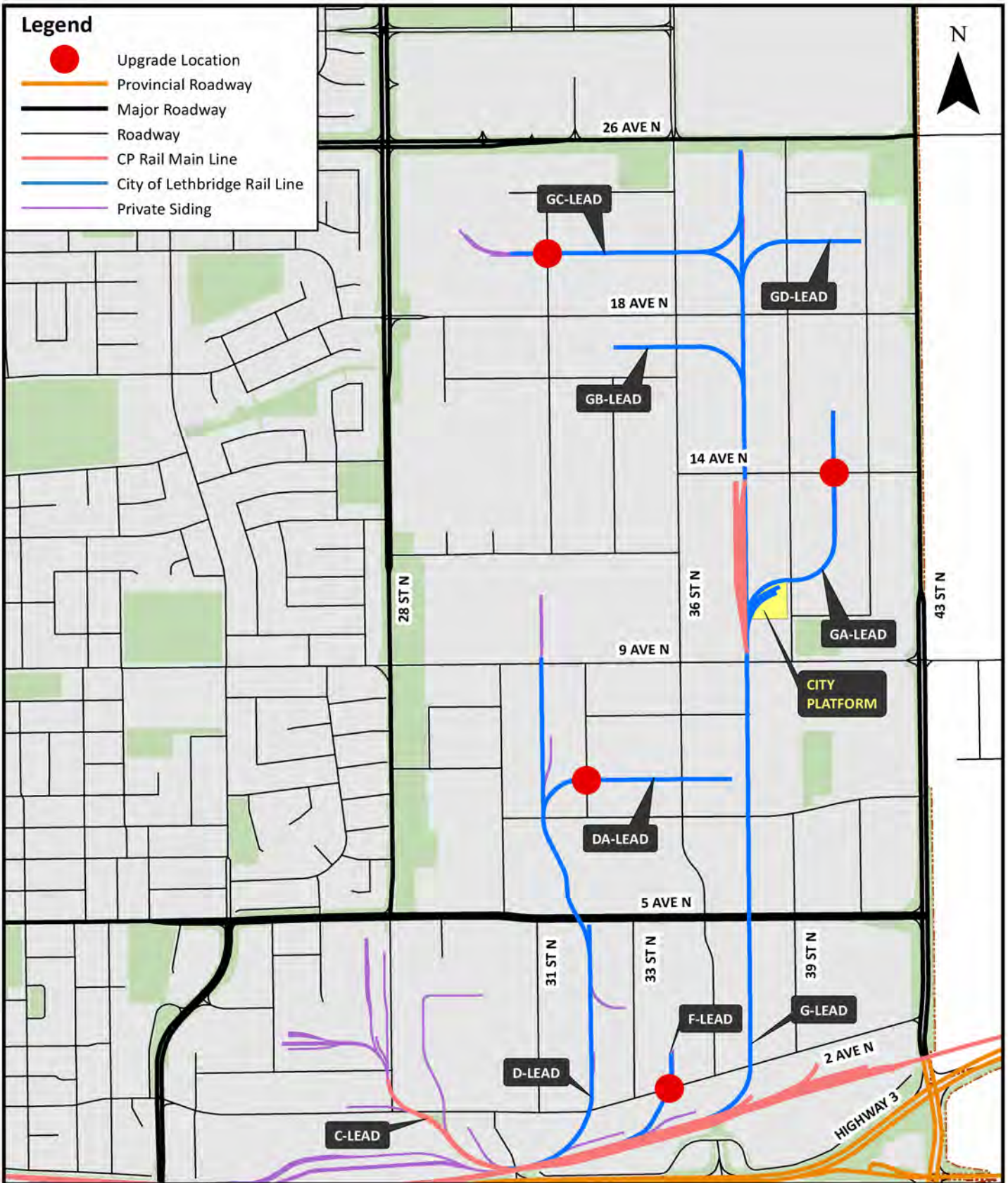
Major Program: **Preserve Existing Infrastructure**Project Title: **Railway Rehabilitation Program**Dept - Project #: **248**Start Year: **2018**End Year: **Ongoing**Capital Improvement Program
2018 to 2027

<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 maintain safety. Also, as part of the Alberta Transportation Rail Safety regulations, extensive testing/inspections and rehabilitation are required at the rail signals every ten years (2022). 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, including 19 road to rail crossings.</p> <p>In addition, the City is responsible for a portion of the rehabilitation costs at the CP Rail mainline crossings throughout the city.</p> <p>The following crossing locations are identified for improvements in the next four years: F-Lead at 2nd Avenue North (this project was not completed in the prior CIP) GA-lead at 14th Avenue North GC-Lead at 31st Street North DA-Lead at 32nd Street 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 an 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 commissioned in 2012 and three more in 2015 by the City for our rail spur lines. There are approximately 19 rail road crossings in Lethbridge that the City is 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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		288	302	318	333	350	368	386	405	426	447	3,623
Consultive Services		32	34	35	37	39	41	43	45	47	50	403
		<u>320</u>	<u>336</u>	<u>353</u>	<u>370</u>	<u>389</u>	<u>409</u>	<u>429</u>	<u>450</u>	<u>473</u>	<u>497</u>	<u>4,026</u>
Costs - Non-Shareable												
Construction		320	336	353	370	589	409	429	450	473	497	4,226
		<u>320</u>	<u>336</u>	<u>353</u>	<u>370</u>	<u>589</u>	<u>409</u>	<u>429</u>	<u>450</u>	<u>473</u>	<u>497</u>	<u>4,226</u>
Total Costs		640	672	706	740	978	818	858	900	946	994	8,252
Funding												
Grant - Basic Municipal Transportation		320	336	353	370	389	409	429	450	473	497	4,026
PAYG - Transportation		320	336	353	370	589	409	429	450	473	497	4,226
		<u>640</u>	<u>672</u>	<u>706</u>	<u>740</u>	<u>978</u>	<u>818</u>	<u>858</u>	<u>900</u>	<u>946</u>	<u>994</u>	<u>8,252</u>
Total Funding		640	672	706	740	978	818	858	900	946	994	8,252
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		59	62	65	68	71	75	79	83	87	91	

Comments



Rail Signal Improvements

Major Program: **Preserve Existing Infrastructure**

Project Title: **Traffic Signals Replacement**

Dept - Project #: **230**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project ensures 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, cabinets, underground conduits, pedestrian hardware, etc.</p> <p>Replacement may be entire signal or components of a signal depending on age and condition as determined through condition assessments.</p> <p>In 2018, costs include purchase and implementation of a Centralized Traffic Signal Control System (CTSCS) to facilitate remote access and monitoring of all the signalized intersections within the City.</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.</p> <p>There are currently 135 traffic signals and 25 pedestrian actuated flashers. The majority of cabinets and controllers are older than 20 years and cannot support new technology upgrades any longer; replacement is the only option. Similarly, underground conduits have reached the end of their life and can no longer sustain the necessary signal equipment upgrades. In addition, new detection technology systems require improved communication systems to operate properly.</p> <p>Inspections for traffic signal structures (poles and mast arms) have started in 2016 with inspections for the street lights (Community Lighting program).</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		900	450	450	450	450	450	450	450	450	450	4,950
Consultive Services		100	50	50	50	50	50	50	50	50	50	550
		<u>1,000</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>500</u>	<u>5,500</u>
Costs - Non-Shareable												
Other		100	50	50	50	50	50	50	50	50	50	550
		<u>100</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>50</u>	<u>550</u>
Total Costs		<u>1,100</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>6,050</u>
Funding												
Grant - Basic Municipal Transportation		1,000	500	500	500	500	500	500	500	500	500	5,500
PAYG - Transportation		100	50	50	50	50	50	50	50	50	50	550
		<u>1,100</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>6,050</u>
Total Funding		<u>1,100</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>550</u>	<u>6,050</u>

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Traffic Signals Replacement

Major Program: **Preserve Existing Infrastructure**
 Project Title: **Major Sidewalk Rehabilitation Program**
 Dept - Project #: **14a**
 Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
 2018 to 2027

<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 other locations 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 690 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. Major rehabilitation projects which are about one block or more in size, however, are eligible to be cost-shared from the Basic Municipal Transportation Grant.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		244	256	269	282	297	311	327	343	360	379	3,068
		244	256	269	282	297	311	327	343	360	379	3,068
Costs - Non-Shareable												
Other		24	25	26	28	29	31	32	34	35	37	301
		24	25	26	28	29	31	32	34	35	37	301
Total Costs		268	281	295	310	326	342	359	377	395	416	3,369
Funding												
Grant - Basic Municipal Transportation		244	256	269	282	297	311	327	343	360	379	3,068
PAYG - Transportation		24	25	26	28	29	31	32	34	35	37	301
		268	281	295	310	326	342	359	377	395	416	3,369
Total Funding		268	281	295	310	326	342	359	377	395	416	3,369

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Major Sidewalk Rehabilitation Program

Major Program: **Preserve Existing Infrastructure**
 Project Title: **Paved Lane Rehabilitation Program**
 Dept - Project #: **291**
 Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
 2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program targets paved lanes (back alleys) throughout the City of Lethbridge 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 rehabilitation of approximately 1 to 2 lanes annually. Work included in the program is not limited solely to surface rehabilitation, but also includes required underground piping and drainage improvements.</p>	<p>There are presently over 150 kilometers of paved lane roads with an asset replacement value of \$45 million.</p> <p>Currently, lane rehabilitation is also funded through the operating budget with a \$200,000 annual budget amount.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		334	351	368	387	406	426	448	470	493	518	4,201
		<u>334</u>	<u>351</u>	<u>368</u>	<u>387</u>	<u>406</u>	<u>426</u>	<u>448</u>	<u>470</u>	<u>493</u>	<u>518</u>	<u>4,201</u>
Total Costs		334	351	368	387	406	426	448	470	493	518	4,201
Funding												
PAYG - Transportation		334	351	368	387	406	426	448	470	493	518	4,201
		<u>334</u>	<u>351</u>	<u>368</u>	<u>387</u>	<u>406</u>	<u>426</u>	<u>448</u>	<u>470</u>	<u>493</u>	<u>518</u>	<u>4,201</u>
Total Funding		334	351	368	387	406	426	448	470	493	518	4,201

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Paved Lane Rehabilitation Program

Major Program: **Preserve Existing Infrastructure**
 Project Title: **Community Lighting - Rehabilitation**
 Dept - Project #: **226**
 Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
 2018 to 2027

<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.</p> <p>In 2010, Transportation initiated its Condition Assessment Program. This program is well underway and we now have better information 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 Condition Assessment Program is currently being updated to include more comprehensive inspections of street lights and appropriate rehabilitation measures based on prioritization as recommended by a Structural Engineer.</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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		122	128	135	141	148	156	163	172	180	189	1,534
		<u>122</u>	<u>128</u>	<u>135</u>	<u>141</u>	<u>148</u>	<u>156</u>	<u>163</u>	<u>172</u>	<u>180</u>	<u>189</u>	<u>1,534</u>
Costs - Non-Shareable												
Other		62	65	68	72	75	79	83	87	92	96	779
		<u>62</u>	<u>65</u>	<u>68</u>	<u>72</u>	<u>75</u>	<u>79</u>	<u>83</u>	<u>87</u>	<u>92</u>	<u>96</u>	<u>779</u>
Total Costs		184	193	203	213	223	235	246	259	272	285	2,313
Funding												
Grant - Basic Municipal Transportation		122	128	135	141	148	156	163	172	180	189	1,534
PAYG - Transportation		62	65	68	72	75	79	83	87	92	96	779
		<u>184</u>	<u>193</u>	<u>203</u>	<u>213</u>	<u>223</u>	<u>235</u>	<u>246</u>	<u>259</u>	<u>272</u>	<u>285</u>	<u>2,313</u>
Total Funding		184	193	203	213	223	235	246	259	272	285	2,313

Estimated Debt Charges
 Projected Net Operating Costs

<u>Comments</u>



Community Lighting Rehabilitation



CITY OF
Lethbridge

Major Program: **Preserve Existing Infrastructure**

Project Title: **Arterial Sign Replacement**

Dept - Project #: **354**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Information signs are located across the arterial roadways in Lethbridge. This project includes fabrication and installation of new signs as per the Manual on Uniform Traffic Control Devices (MUTCD) retroreflectivity requirements.</p>	<p>There are approximately 126 arterial roadway information signs in Lethbridge. A majority of these signs have reached the end of their lifecycle and are in a "poor" to "critical" stage. Based on a recent existing conditions survey, it was determined these signs will need to be replaced within the next 1-4 years.</p> <p>Roadway information signs are very important to convey required information to road users and are an essential component in providing safe roads. Of particular importance is retroreflectivity. All 126 signs have lost retroreflectivity and the surface and sign material is breaking off. Damaged signs also contribute to unsightly streetscape.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Other		250	250									500
		250	250									500
Total Costs		250	250									500
Funding												
PAYG - Transportation		250	250									500
		250	250									500
Total Funding		250	250									500

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

BEFORE



AFTER

**Preserve Existing Infrastructure
Arterial Sign Replacement**



Major Program: **Upgrade Existing System**Project Title: **Transportation Master Plan Update**Dept - Project #: **16**Start Year: **2020**End Year: **2020**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project was included in the prior CIP at \$975,000 in 2018.</p> <p>Retain planning and transportation consultants to update the 2012 Transportation Master Plan (TMP) in 2020. The Transportation Master Plan of 2012 included transit and transportation policy components. The TMP update in 2020 will review plan implementation for the roadway, transit and policy components of the 2012 TMP and provide direction for future.</p> <p>The TMP will be initiated after the new Integrated Community Sustainability Plan/Municipal Development Plan (ICSP/MDP) is completed in 2019.</p> <p>The TMP will be undertaken in three separate components; household travel survey, travel demand model update, and TMP document preparation. Individual consultants may be retained separately for each component of this project.</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 TMP to confirm the long term vision of the City's major roadway network and 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 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 is an integrated plan for all modes (roads, rail, pedestrian facilities & transit) of transportation to ensure an efficient and cost effective multi-modal transportation system. An update in 2020 will provide continuity in this new vision of sustainability in the City's transportation network.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services				1,000								1,000
				1,000								1,000
Costs - Non-Shareable												
Other				50								50
				50								50
Total Costs				1,050								1,050
Funding												
Grant - Basic Municipal Transportation				1,000								1,000
PAYG - Transportation				50								50
				1,050								1,050
Total Funding				1,050								1,050

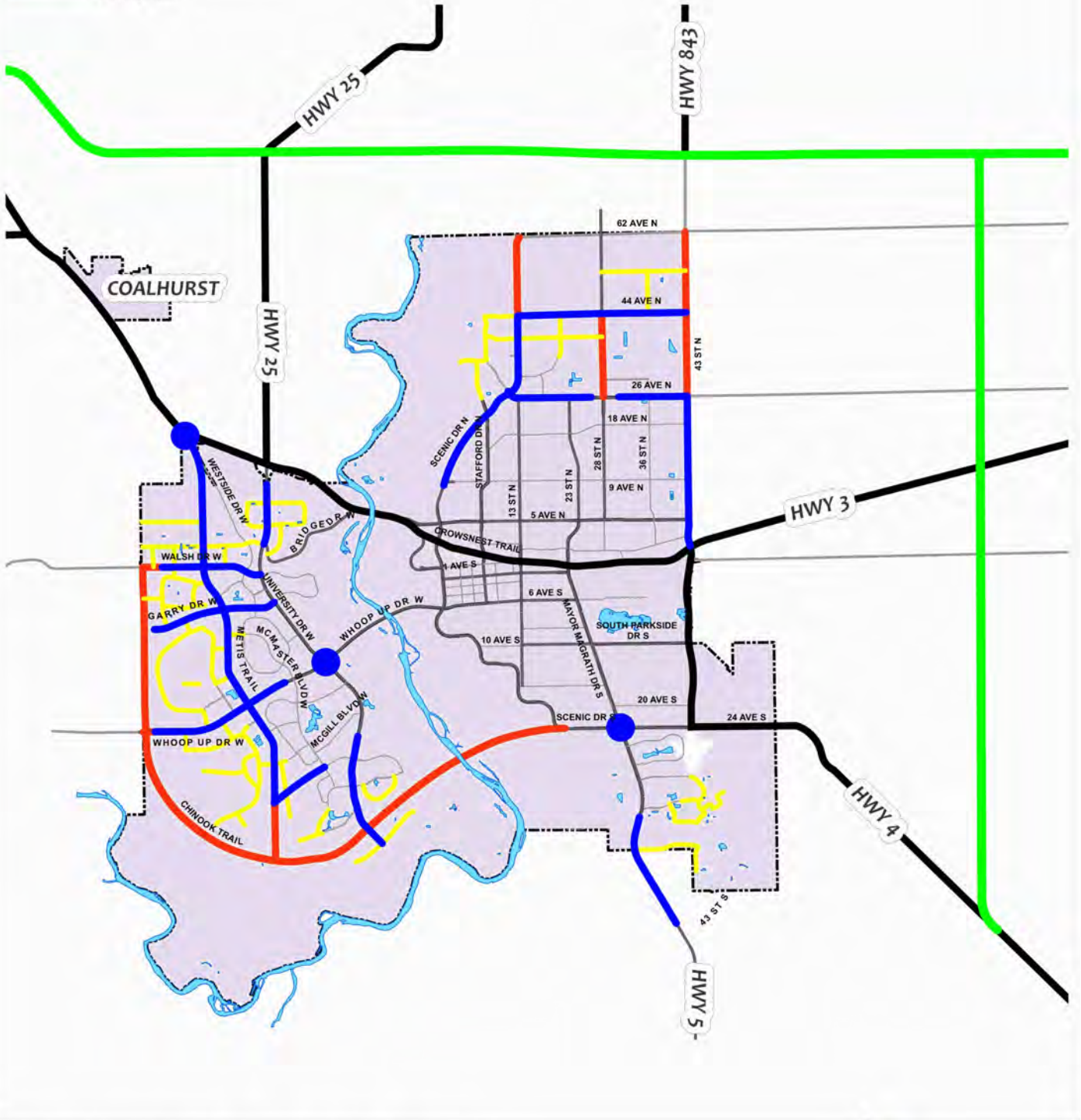
Estimated Debt Charges

Projected Net Operating Costs

Comments

Legend

-  Planned Road Upgrades to 130,000
-  Future Roadways Beyond 130,000
-  Future Collectors
-  Proposed Provincial Corridor
-  County Roads



Transportation Master Plan Update



Major Program: **Upgrade Existing System**

Project Title: **Functional Planning and Design - 62 Ave N**

Dept - Project #: **355**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

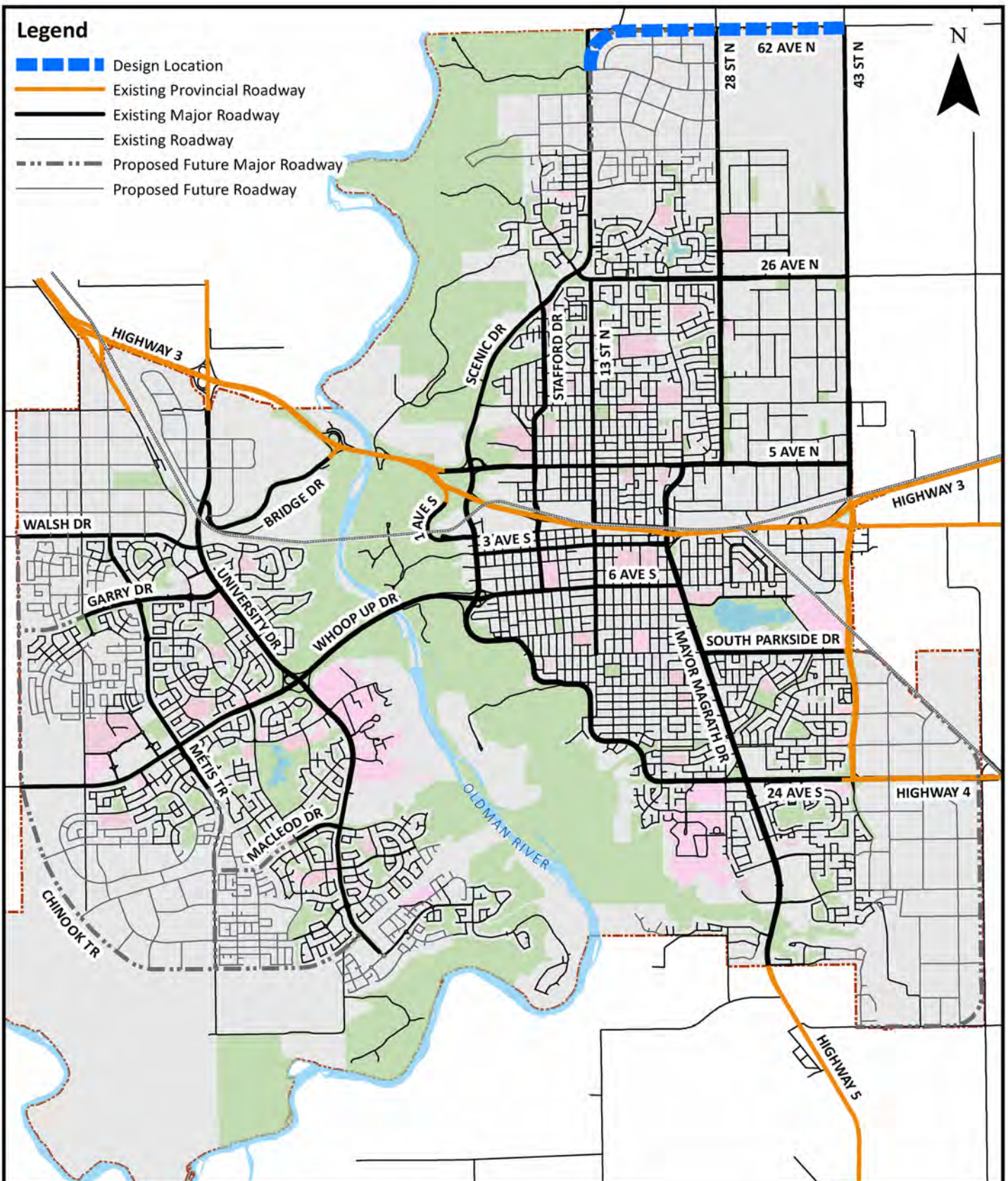
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>62nd Avenue North between Pavan Park Road North and 43rd Street North.</p> <p>Preliminary design for Scenic Drive North from 26th Avenue North to Pavan Park Road North is currently in progress. This project will complete a functional plan and design for the remaining part of this north-south/east-west corridor at the north City limits. This project will determine appropriate intersection locations for the Royal View Area Structure Plan (ASP), Sherring Industrial lands, and County lands adjacent to this roadway. The project will also develop ultimate road Right of Way (ROW) requirements, laning arrangements, and intersection configurations.</p> <p>2018: Complete functional planning/design.</p>	<p>62nd Avenue North is an existing 2-lane gravel road bordering the northern City limits. The current road carriageway of 62nd Avenue North lies just outside the City Limits and is designated as Township Rd 94 within the County of Lethbridge.</p> <p>Recently, the Royal View ASP was completed for the lands located south of 62nd Avenue North, between Scenic Drive North and 28th Street North. Planning is also in progress for the industrial lands within the Sherring Industrial area. As the residential and industrial lands is developed, it is very important to plan for this east-west arterial road which will ultimately connect to the north-south trade corridor through 43rd Street North.</p> <p>Functional planning information is needed to acquire and protect the future Right of Way (ROW) for the roadway, to determine adequate intersection spacing, and also to plan for access management.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		400										400
		400										400
Total Costs		400										400
Funding												
Grant - AB Comm Partnership		200										200
PAYG - Transportation		200										200
		400										400
Total Funding		400										400

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



62 Avenue North Preliminary Design

Scenic Dr N to 43 St N



CITY OF
Lethbridge

Major Program: **Upgrade Existing System**

Project Title: **Chinook Trail River Crossing (Preliminary Design)**

Dept - Project #: **356**

Start Year: **2025**

End Year: **2025**



Capital Improvement Program
2018 to 2027

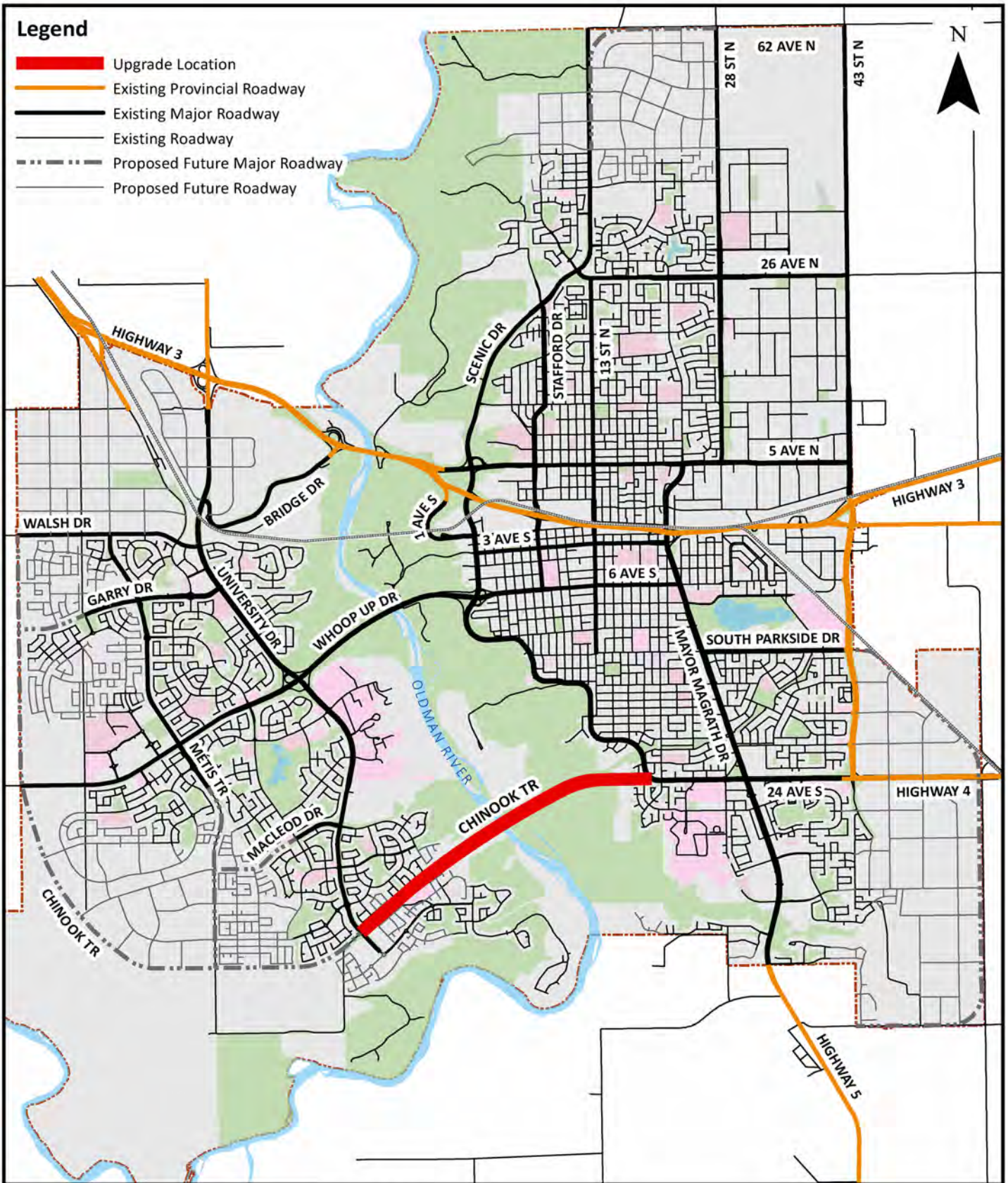
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>In November of 2009, City Council endorsed Chinook Trail as the location of a third river crossing.</p> <p>By completing this project, this would provide the preliminary design for a third river crossing from Scenic Drive South to University Drive West tying into existing arterial roadways.</p>	<p>As the capacity of both Whoop Up Drive and Highway 3 diminishes and as the number of accidents increase, it is prudent to develop a plan/design for a third river crossing.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction									5,000			5,000
									5,000			5,000
Total Costs									5,000			5,000
Funding												
PAYG - Transportation									5,000			5,000
									5,000			5,000
Total Funding									5,000			5,000

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Chinook Trail River Crossing



Major Program: **Provide Access for Growth (Offsite Levy)**Project Title: **Intersection Improvements - Growth**Dept - Project #: **32a**Start Year: **2022**End Year: **Ongoing**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Intersection improvements (new traffic signals, geometric improvements, pedestrian accommodations) addressing capacity requirements related to growth in the new areas of the city.</p> <p>From the Offsite Levy Bylaw: "Arterial roadway credits will be 25% of arterial roadway intersection improvements. The project must increase the capacity of the intersection by upgrading the type of intersection control or by adding additional lanes at the intersection."</p> <p>Intersections are reviewed on a case by case basis. The timing and type of intersection improvement are based on operational analysis and recognized safety warrants.</p> <p>Funding for the initial four years is unavailable due to the pressure on the offsite levy account. Locations between years 5 to 10 would be based on the highest warranted intersection in the growth areas.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>These intersection improvements will ensure safety and acceptable levels of service are maintained. Also, they typically reduce traffic congestion, incidents, traffic delays, road user costs, travel times, vehicle emissions and driver/neighbourhood frustration.</p> <p>Examples 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>

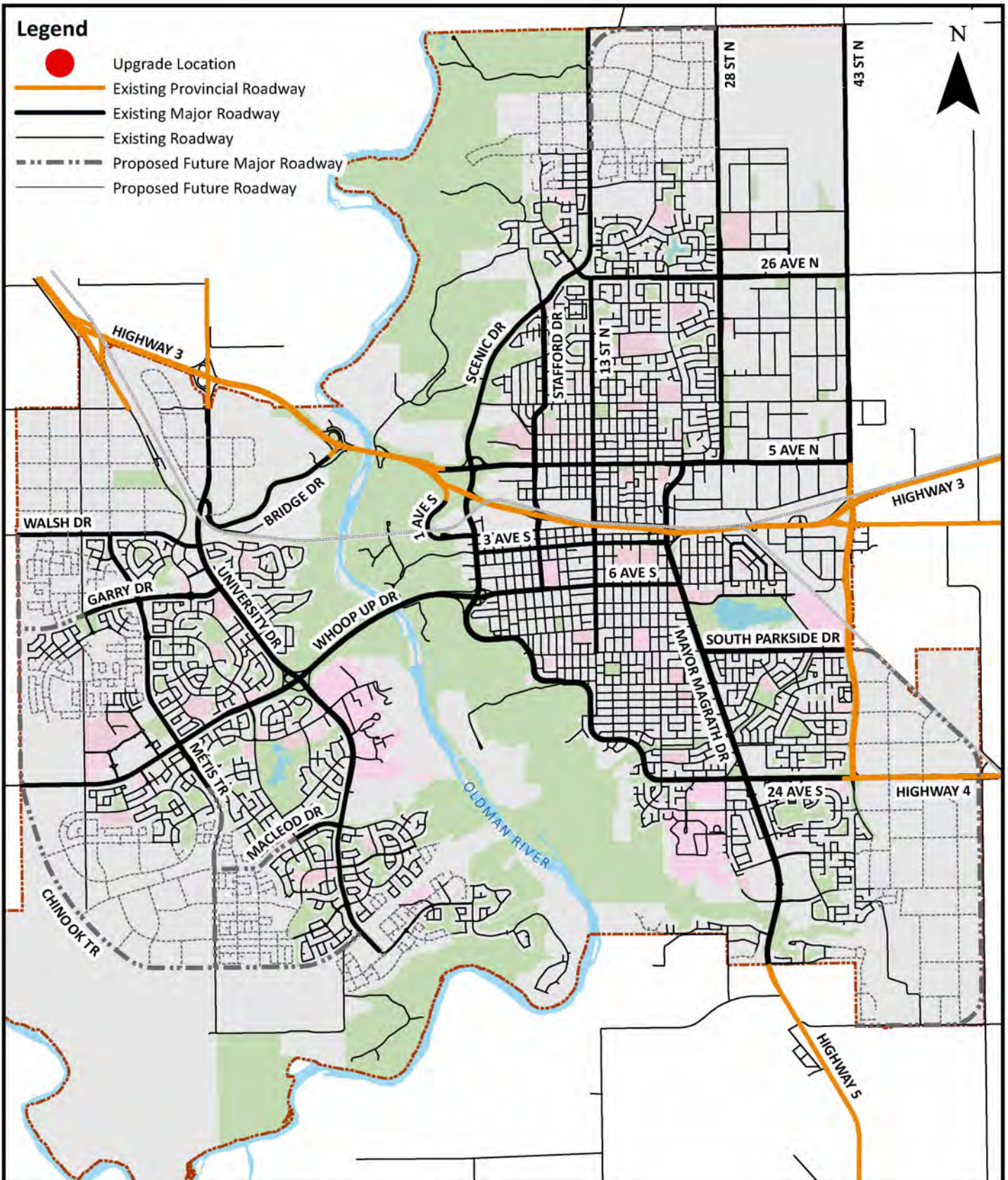
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						1,170	1,170	1,170	1,170	1,170	1,170	7,020
Consultive Services						130	130	130	130	130	130	780
						<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>7,800</u>
Total Costs						1,300	1,300	1,300	1,300	1,300	1,300	7,800
Funding												
Grant - Basic Municipal Transportation						975	975	975	975	975	975	5,850
Offsite Levies						325	325	325	325	325	325	1,950
						<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>1,300</u>	<u>7,800</u>
Total Funding						1,300	1,300	1,300	1,300	1,300	1,300	7,800

Estimated Debt Charges

Projected Net Operating Costs

Comments



Intersection Improvements Growth



CITY OF
Lethbridge

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

Project Title: **5th Avenue N and 13th Street N (Preliminary Design)**

Dept - Project #: **252 & 251**

Start Year: **2014**

End Year: **2019**



Capital Improvement Program
2018 to 2027

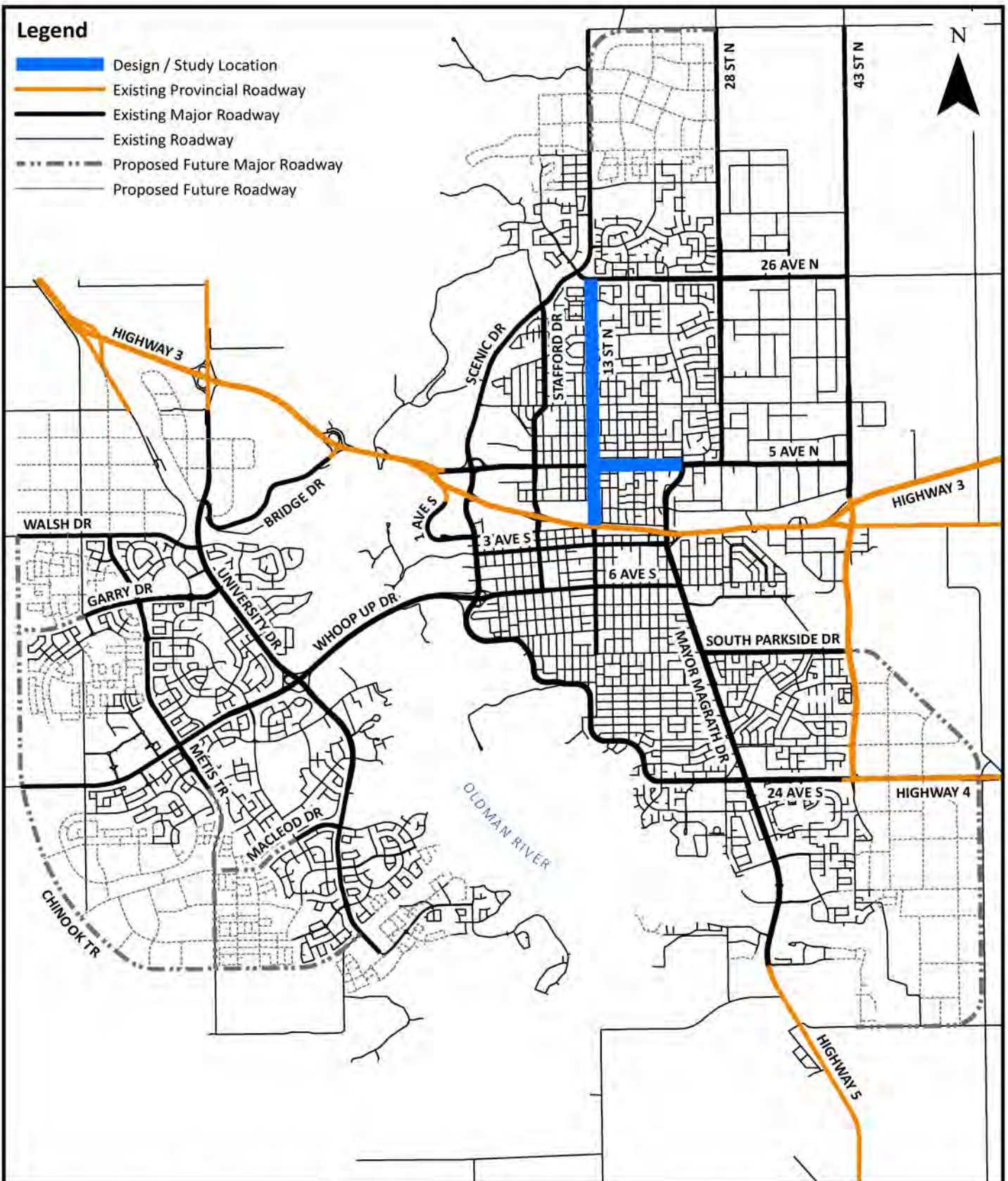
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project CO-3 and CO-4 of 2014-2023.</p> <p>This project was included in the prior CIP with a combined budget of \$690,000. The change in budget is the result of economy of scale and in order to reduce pressure on the Offsite Levy, the project timeline has changed.</p> <p>5th Avenue North (Stafford Drive to Mayor Magrath Drive) and 13th Street North (Highway 3 to 26th Avenue North).</p> <p>These sections of roadway have between two to four travel lanes and sidewalks adjacent 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 project is to conduct a corridor review and determine options for improvements through a functional planning study or preliminary design. This will provide better cost estimates for the eventual improvements to be built into future CIP's.</p> <p>2019: Complete preliminary design/functional planning study on these two pieces of roadway.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>Both 5th Avenue North and 13th Street North are important roadways connecting residential areas in the north with downtown, the hospital, and Highway 3. These two roadways also connect west Lethbridge directly to the industrial park to the northeast. With growth in traffic, it is expected 5th Avenue North and 13th Street North will need upgrades at a number of key intersections and pedestrian corridors. As well, the 13th Street North roadway has recently been upgraded to include cycle lanes. To accommodate all users of this roadway, functional planning and preliminary design is necessary.</p> <p>Preliminary design information as well as accurate cost estimates are needed for the future upgrades along these roadways.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		129	450									579
Other			50									50
		<u>129</u>	<u>500</u>									<u>629</u>
Total Costs		129	500									629
Funding												
Offsite Levies			125									125
PAYG - Transportation		129	375									504
		<u>129</u>	<u>500</u>									<u>629</u>
Total Funding		129	500									629

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



5 Avenue North and 13 Street North Preliminary Design & Functional Planning Study



CITY OF
Lethbridge



Capital Improvement Program
2018 to 2027

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

Project Title: **North Scenic Drive (Uplands Blvd N to 40 Ave N)**

Dept - Project #: **50**

Start Year: **2017**

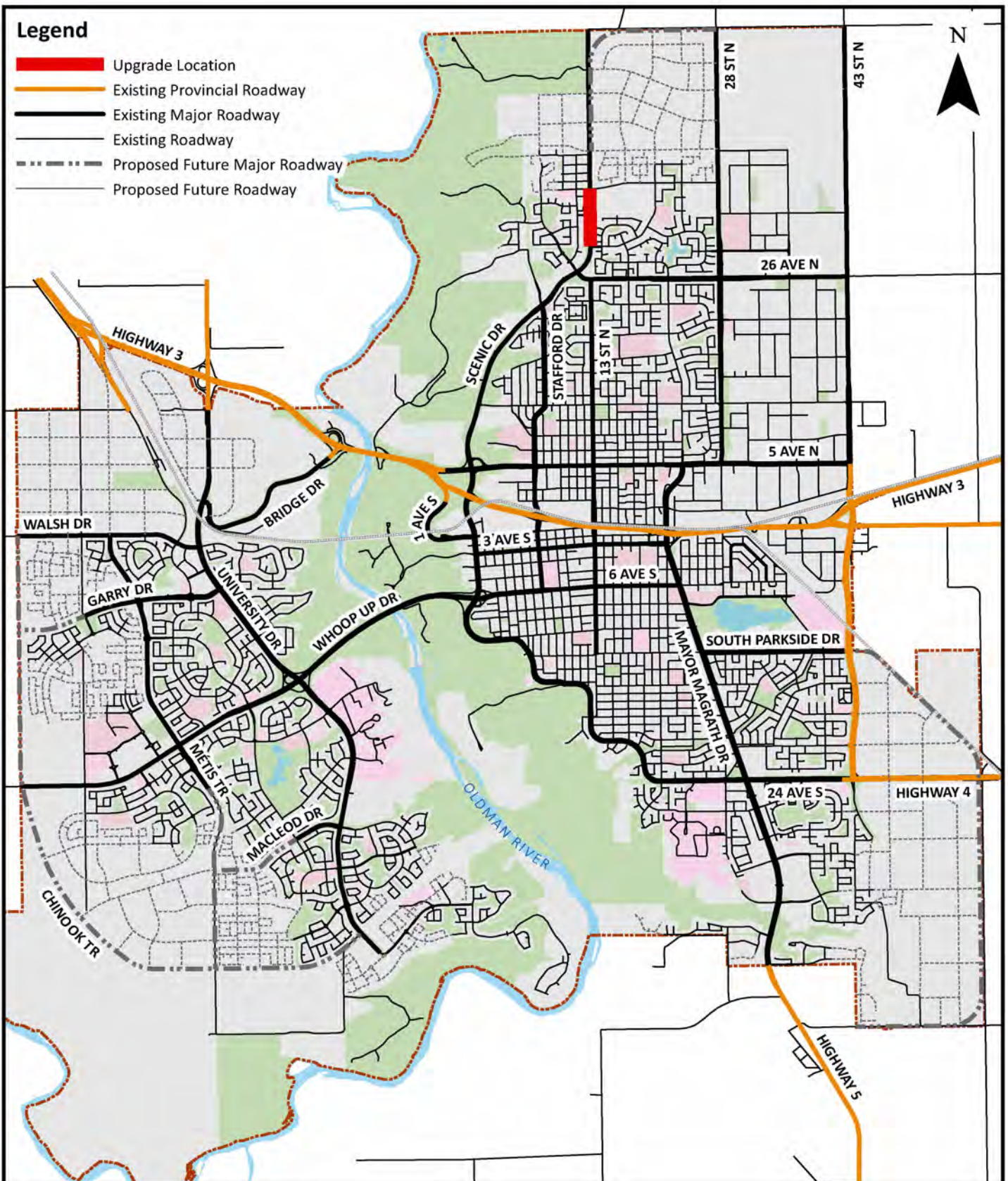
End Year: **2020**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project CO-10 of 2014-2023.</p> <p>This project was included in the prior CIP at \$5.393 million and was approved for preliminary design in 2014 with construction scheduled for 2018. The change in timing reflects developers in the area moving slower than forecast and the adjusted budget is a result of more refined estimates.</p> <p>Design and construct the first two lanes of Scenic Drive from Uplands Blvd to 40th Avenue North/Blackwolf Blvd.</p> <p>This project will transition the upgraded access north to the edge of the Hardieville neighbourhood. This project is necessary to accommodate increases in traffic due to residential growth in north Lethbridge.</p> <p>2017: Complete roadway preliminary design for North Scenic Drive from 26 Avenue to Pavan Park access.</p> <p>2020: Detailed design and construction of the first two lanes of the ultimate four lane arterial from Uplands Blvd to 40th Avenue North/Blackwolf Blvd. This is to accommodate traffic from Hardieville, Legacy Ridge, Legacy Park and future residential developments such as Blackwolf 2.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>Scenic Drive is already a major north-south arterial roadway with connections to the downtown, Highway 3, 4 and 5. It provides the necessary access to the existing and proposed residential developments in north Lethbridge.</p> <p>This project is growth driven, providing improved access to Legacy Park and Blackwolf 2, and future residential development to the north.</p> <p>The construction of this road will provide needed access for continued growth in north Lethbridge and ultimately provide access for the future Royal View residential area as well as the Royal View Memorial Cemetery.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction				4,650								4,650
Consultive Services		200										200
		200		4,650								4,850
Total Costs		200		4,650								4,850
Funding												
Borrowing - Offsites				4,650								4,650
Offsite Levies		200										200
		200		4,650								4,850
Total Funding		200		4,650								4,850
Estimated Debt Charges		0	0	0	415	415	415	415	415	415	415	
Projected Net Operating Costs		0	0	0	52	54	56	59	61	63	66	

Comments



Scenic Drive North
Uplands Blvd N to 40 Ave N



CITY OF
Lethbridge

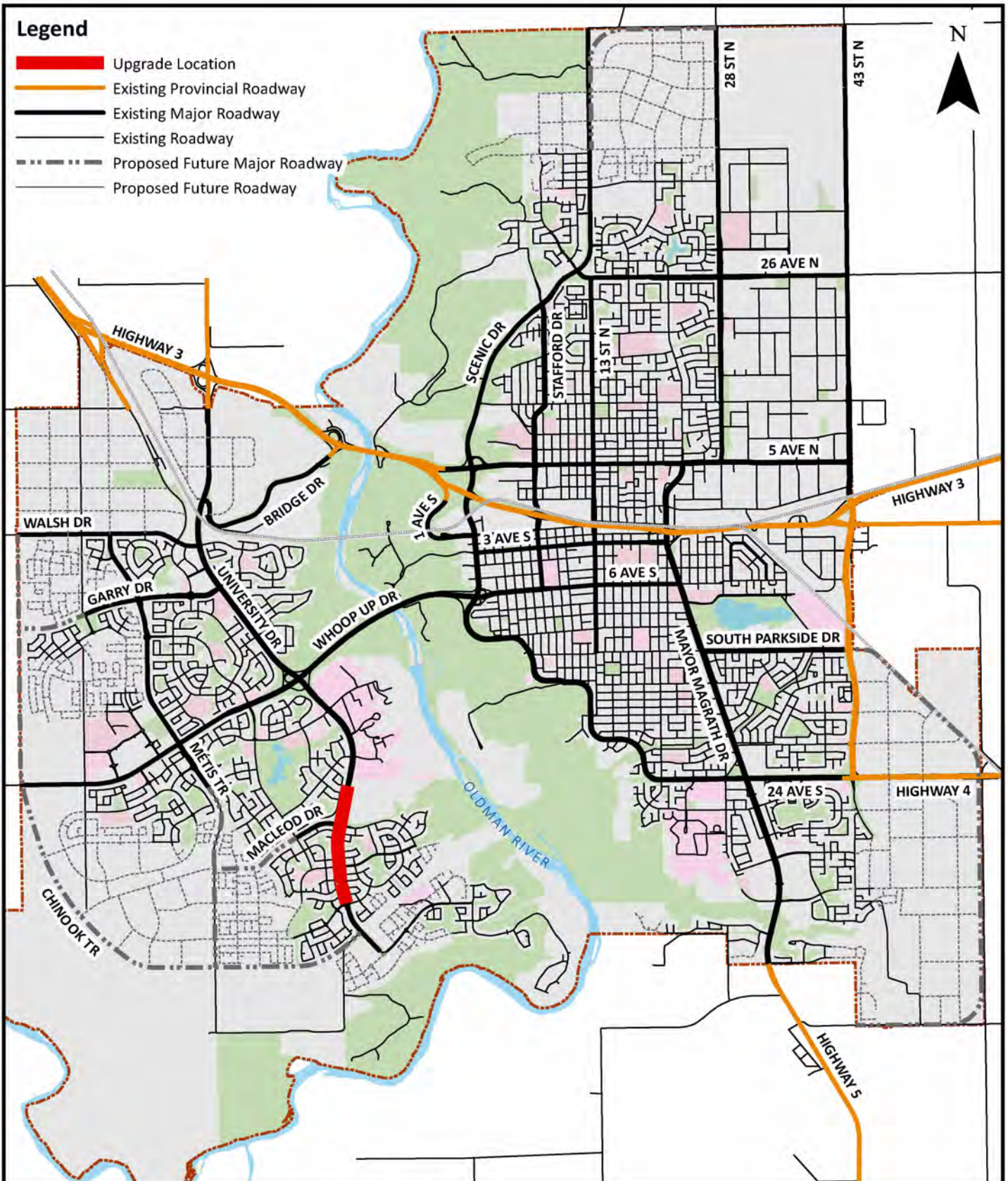
Major Program: **Provide Access for Growth (Offsite Levy)**Project Title: **University Dr (Community Stadium to Sunridge Blvd W)**Dept - Project #: **106**Start Year: **2019**End Year: **2020**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Design and construct the second two lanes of University Drive West from the existing four lane section just south of the University of Lethbridge Stadium access to Sunridge Blvd and the new access to RiverStone.</p> <p>This project is necessary to accommodate increases in traffic due to residential growth in southwest Lethbridge from SunRidge, RiverStone, Canyons and Paradise Canyon.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>University Drive is already a major north-south arterial roadway with connections to the University, Whoop Up Drive, Highway 3 and ultimately to the future third river crossing. It provides access to the existing and proposed residential developments in southwest Lethbridge. This project is growth driven and necessary to provide improved access to restore levels of service for the arterial roadway network.</p> <p>The construction of this road will provide needed access for continued growth in southwest Lethbridge and ultimately provide the main connection for the third river crossing in southwest Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			4,383	6,504								10,887
			4,383	6,504								10,887
Total Costs			4,383	6,504								10,887
Funding												
Borrowing - Offsites			2,850	2,925								5,775
Capital Consolidation			1,533	2,267								3,800
Grant - Basic Municipal Transportation				1,175								1,175
Reserve - MRSR				137								137
			4,383	6,504								10,887
Total Funding			4,383	6,504								10,887
Estimated Debt Charges		0	0	255	516	516	516	516	516	516	516	
Projected Net Operating Costs		0	0	0	109	112	115	120	125	130	135	

Comments



University Drive Twinning Stadium Dr W to Sunridge Blvd W



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

Project Title: **University Drive (Walsh Dr to Hwy 3)**

Dept - Project #: **349**

Start Year: **2024**

End Year: **2024**



Capital Improvement Program
2018 to 2027

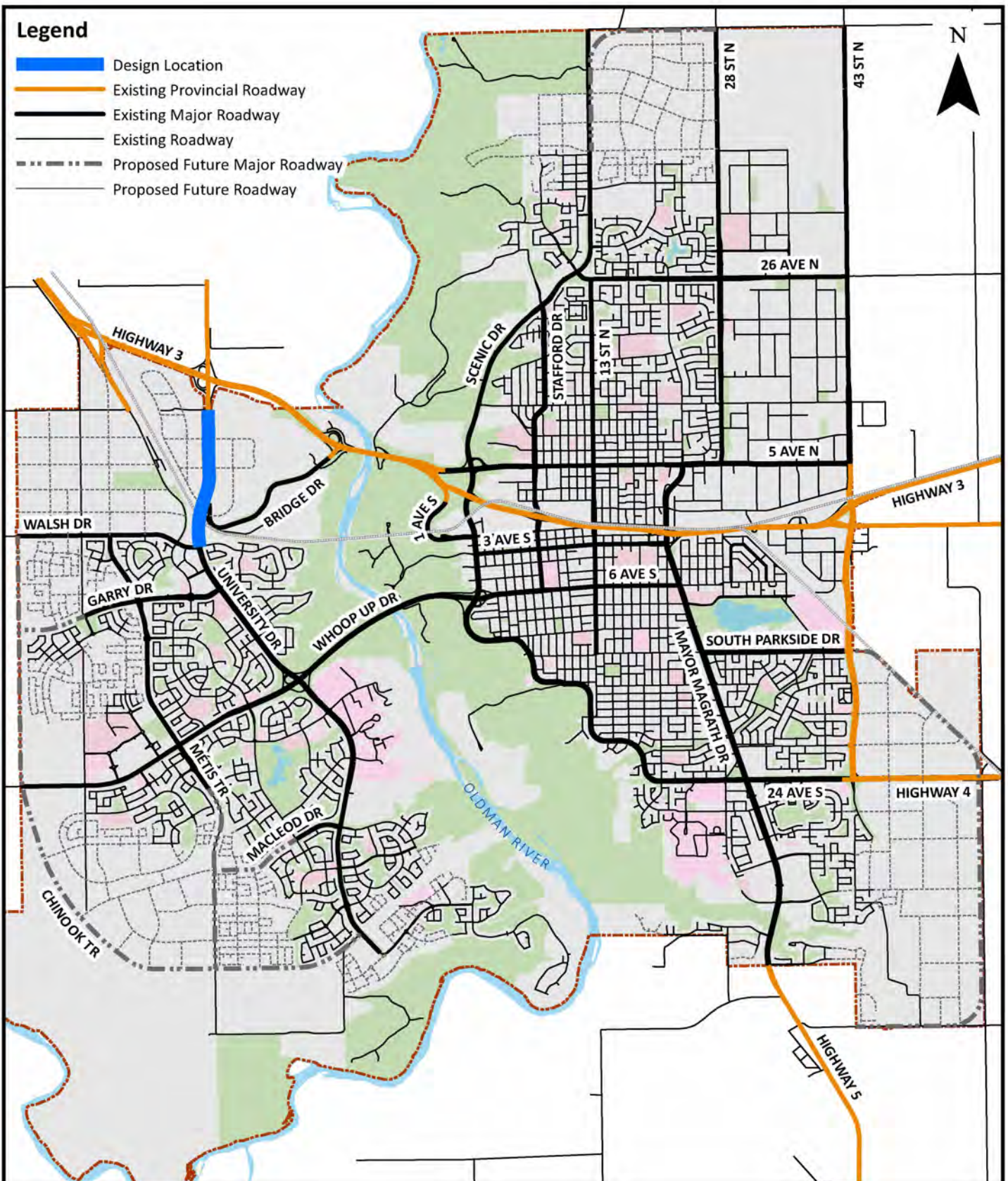
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Design of University Drive from Walsh Drive to the Highway 3 interchange to an urban standard which includes boulevards, curbs and gutters.</p> <p>2024: Preliminary design for both the ultimate four lane roadway and detailed design for Stage 1 (the first two lanes) of University Drive from Walsh Drive to Highway 3. This road upgrade will allow the lands north of Bridge Drive to develop.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>University Drive is already a major north-south arterial roadway with connections to the University, Whoop Up Drive, Highway 3 and ultimately to the future third river crossing. The design of this section of roadway will allow planning and development to proceed.</p> <p>Once constructed this road will provide needed access for continued growth in northwest Lethbridge and ultimately provide improved level of service to Highway 3 and upgraded access to adjacent commercial and residential development.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Consultive Services								450				450
								450				450
Total Costs								450				450
Funding												
Offsite Levies								450				450
								450				450
Total Funding								450				450

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



University Drive Walsh Dr W to Highway 3



CITY OF
Lethbridge

Major Program: **Provide Access for Growth (Offsite Levy)**
 Project Title: **Metis Trail (Temple Blvd to Coalbrook Gate)**
 Dept - Project #: **335**
 Start Year: **2020**



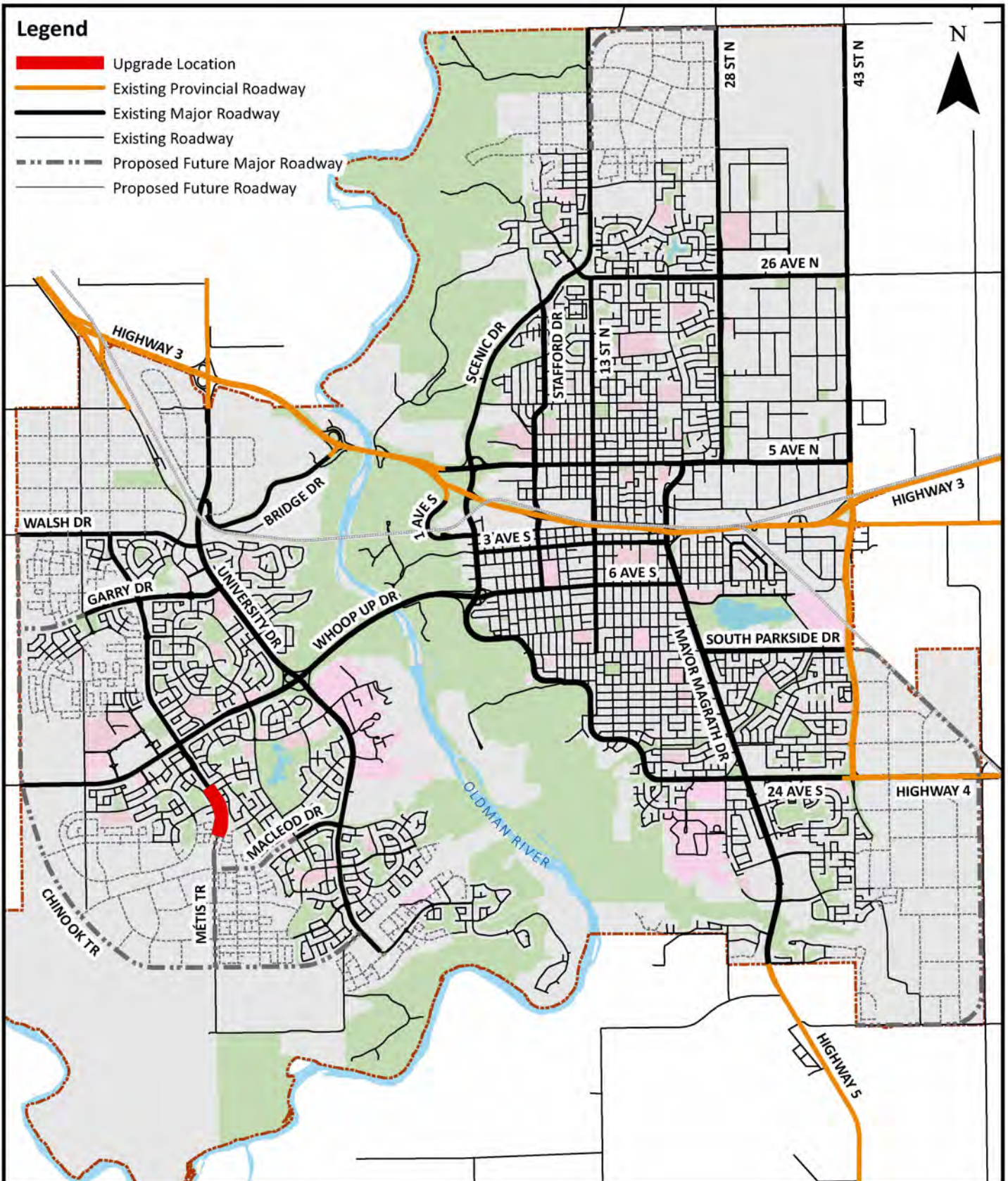
End Year: **2020**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is part of the work covered in the previous CIP project CO-11 of 2014-2023. This section completes Metis Trail between Coalbanks Link to the next entrance into Copperwood. The timing of the project has been adjusted to meet developer timelines and the cost adjusted to reflect most recent estimates and inflationary adjustments to reflect project timing.</p> <p>Combination of underground utilities and arterial road extension.</p> <p>Combination of underground utilities and first two lanes of Metis Trail from Temple Blvd to Coalbrook Gate. An extension of underground utilities and the arterial road is required for the growth of Copperwood stage 2 and further south as required.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</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 (Copperwood and Watermark neighbourhoods).</p> <p>The work will also extend the major sanitary sewer trunk southwards along Metis Trail which is required to service the southern portions of the peninsula.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction				6,900								6,900
				6,900								6,900
Total Costs				6,900								6,900
Funding												
Borrowing - Offsites				6,900								6,900
				6,900								6,900
Total Funding				6,900								6,900
Estimated Debt Charges		0	0	0	844	844	844	844	844	844	844	
Projected Net Operating Costs		0	0	0	69	72	75	78	81	84	88	

Comments



Métis Trail (Stage 1) Temple Blvd W to Coalbrook Gate W



CITY OF
Lethbridge

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

Project Title: **Walsh Drive (University Dr to west of Metis Trail)**

Dept - Project #: **337**

Start Year: **2022**

End Year: **2023**



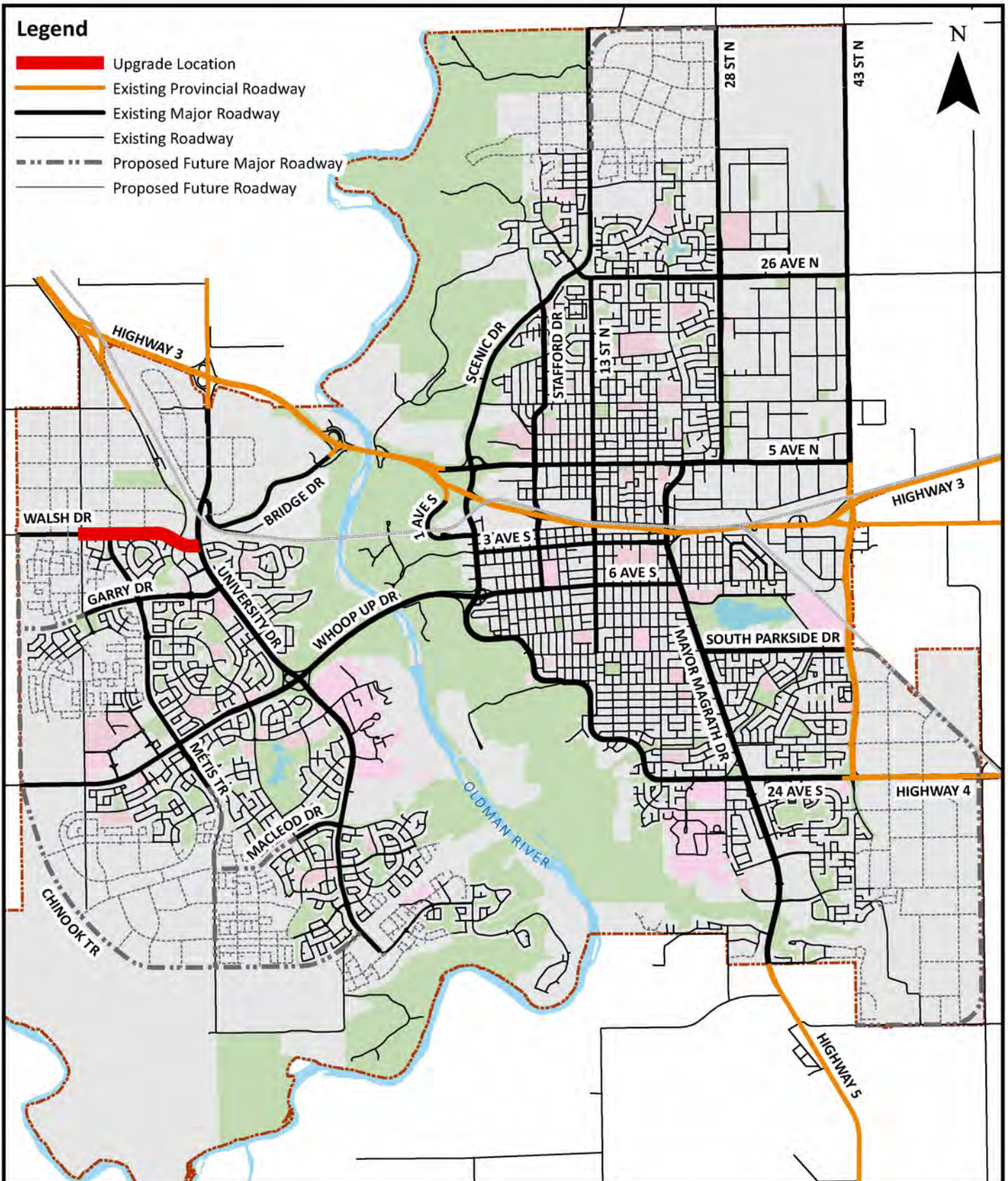
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The underground portion of this project was previously included in the 2014-2023 CIP as project EO-8 scheduled for construction in 2018. The project has been combined with upgrades and twinning of Walsh Drive and adjusted to 2023, reflecting the requirements of sewer and road capacity.</p> <p>Combined underground utilities and arterial road extension.</p> <p>The underground utilities extension is required to complete the trunk sewer serving the west side from Metis Trail to the Bridge Drive tie in and extend utility services along the north edge of the Country Meadows development. This project is primarily driven by the capacity of the interim approach using the sanitary sewer connection through West Highlands connected at Tartan Blvd.</p> <p>Design and urbanize Walsh Drive West from University Drive to approximately 400 m west of Metis Trail two lanes and twin Walsh Drive between University Drive and Westside Drive four lanes.</p> <p>2022: Detail design and construct the required underground extension on Walsh Drive.</p> <p>2023: Construct the two and four arterial road required to urbanize Walsh Drive.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>Walsh Drive is already paved to the westerly City limits to a rural road cross section and connects to both University Drive and Metis Trail, major north-south arterial roadways in west Lethbridge. This project is necessary to accommodate installation of underground services for the future development of northwest Lethbridge. Walsh Drive will be replaced with an urban arterial cross-section and twinned between Westside Drive and University Drive.</p> <p>This project is growth driven and necessary to provide improved access to restore levels of service for the arterial roadway network.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						7,500	12,400					19,900
Consultive Services						1,350						1,350
						8,850	12,400					21,250
Total Costs						8,850	12,400					21,250
Funding												
Borrowing - Offsites						8,175	12,400					20,575
Grant - Basic Municipal Transportation						675						675
						8,850	12,400					21,250
Total Funding						8,850	12,400					21,250
Estimated Debt Charges		0	0	0	0	0	730	1,837	1,837	1,837	1,837	
Projected Net Operating Costs		0	0	0	0	0	0	83	109	114	118	

Comments



Walsh Drive (Stages 1 & 2)

University Dr W to 400m west of Métis Tr W



CITY OF
Lethbridge

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

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

Dept - Project #: **254B**

Start Year: **2025**

End Year: **2025**



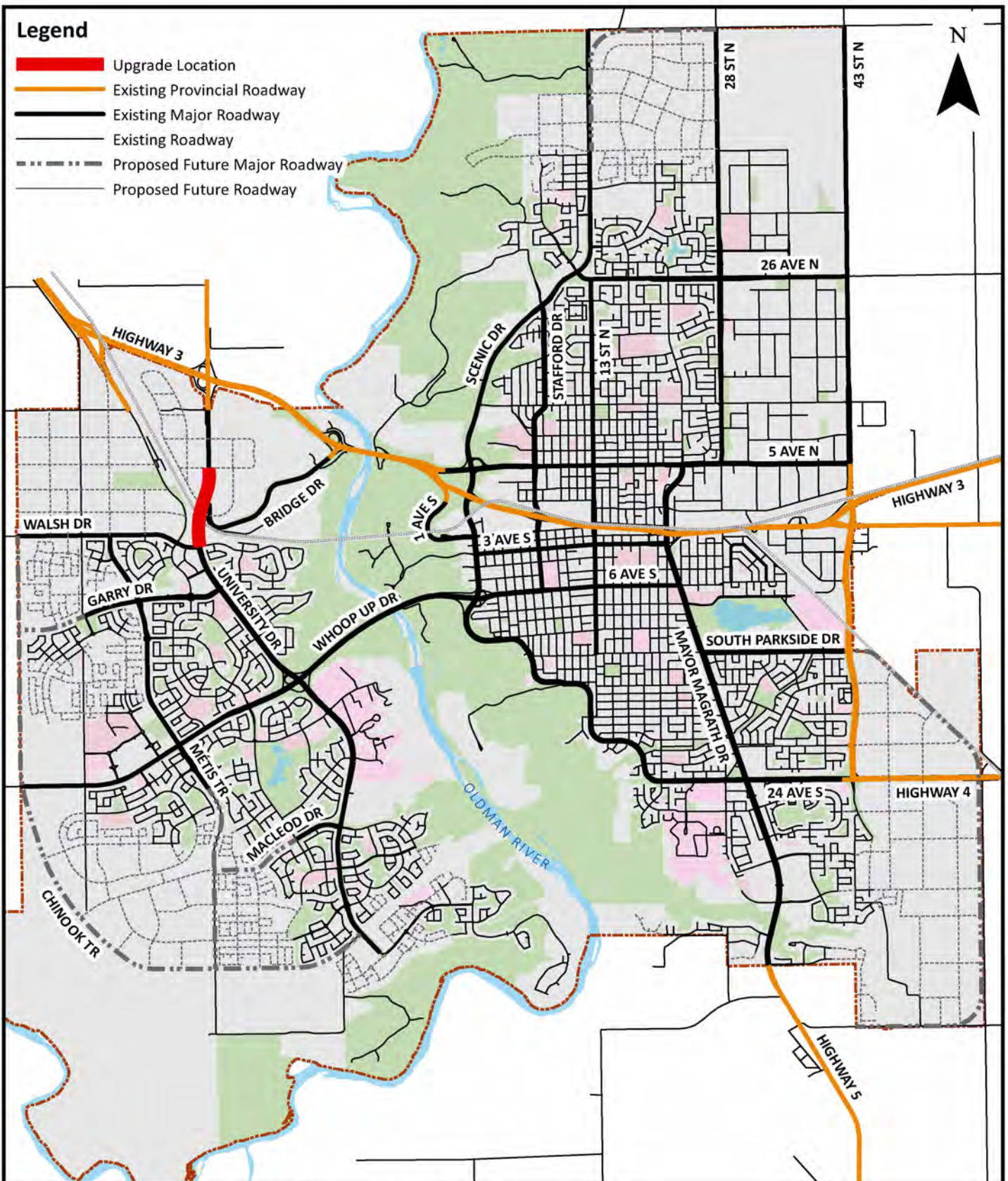
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Modification of previous CIP project CO-5 and EO-5 of 2014-2023.</p> <p>This project was included in the prior CIP at \$10 million and scheduled for construction in 2016. The change in timing of the project is in response to developers not completing the outline planning in the area and pressures on the Offsite Levy which indicate financial capacity in the Levy for 2025. The change in the budget is in response to refined estimates.</p> <p>Combined underground utilities and arterial road extension.</p> <p>Extend underground utilities and the first two lanes on University Drive to begin development in the commercial area north of the Canadian Pacific railway and adjacent to University Drive.</p> <p>2025: Design and construction of the utility extension and arterial road on University Drive from Walsh Drive to the first commercial access.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>This project extends underground utilities and urbanized road allowing growth to begin in the commercial area of the West Lethbridge Employment Centre Area Structure Plan.</p> <p>University Drive is already a major north-south arterial roadway with connections to the University, Whoop Up Drive, Highway 3 and ultimately to the third river crossing. It provides the necessary access to the existing and proposed commercial development in northwest Lethbridge. This project is growth driven and necessary to maintain levels of service for the arterial roadway network.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction									8,150			8,150
									8,150			8,150
Total Costs									8,150			8,150
Funding												
Borrowing - Offsites									8,150			8,150
									8,150			8,150
Total Funding									8,150			8,150
Estimated Debt Charges		0	0	0	0	0	0	0	0	728	728	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	53	55	

Comments



University Drive (Stage 1) Walsh Dr W to First Commercial Access



CITY OF
Lethbridge

Major Program: **Provide Access for Growth (Offsite Levy)**
 Project Title: **Garry Dr (Garry Station to Homestead Blvd)**
 Dept - Project #: **338**
 Start Year: **2026**



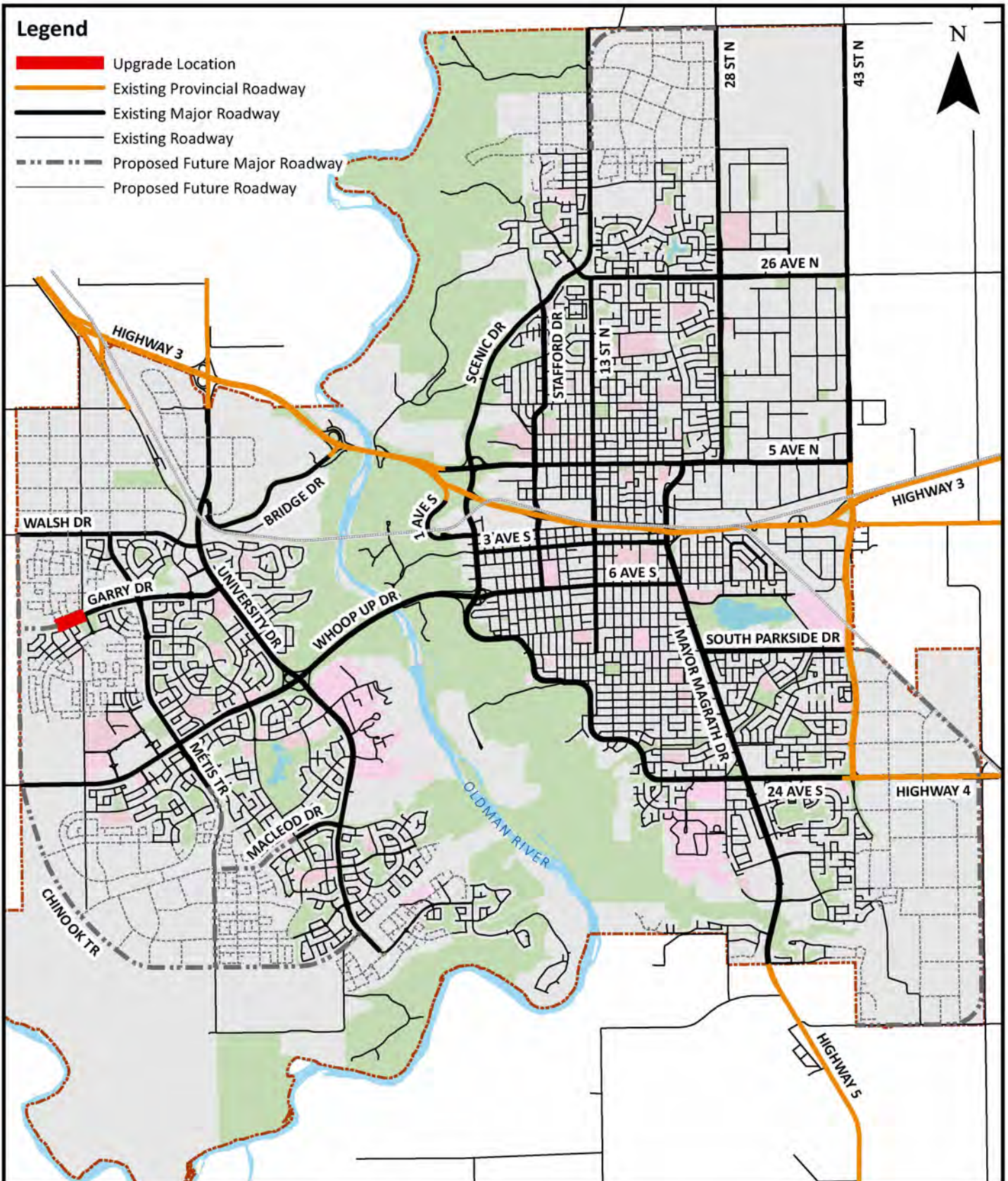
End Year: **2026**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Combined underground utility and arterial road extension.</p> <p>Extend underground utilities and the first two lanes of Garry Drive to the western entrance into Country Meadows (Homestead Blvd) from Garry Station Port.</p> <p>2026: Detail design and construct the utility extension and the first two lanes of the ultimate four lane arterial from the end of existing Garry Drive at Garry Station to Homestead Blvd. This will allow future development of the next phases of the Country Meadows subdivision.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>Garry Drive West is already paved from University Drive to Garry Station and connects residential developments such as Garry Station and Country Meadows as well as provides access to both University Drive and Metis Trail, major north-south arterial roadways in west Lethbridge.</p> <p>This road will allow the next phases of Country Meadows to proceed after the installation of deep services to service future residential lands in the northwest.</p> <p>The construction of this road will provide needed access for continued growth in northwest Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-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	0	0	0	0	0	491	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	35	

Comments



Garry Drive West (Stage 1)

Garry Station Port W to Homestead Blvd W



CITY OF
Lethbridge

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

Project Title: **26 Avenue North (23rd Street N to Scenic Drive)**

Dept - Project #: **339**

Start Year: **2026**

End Year: **2026**



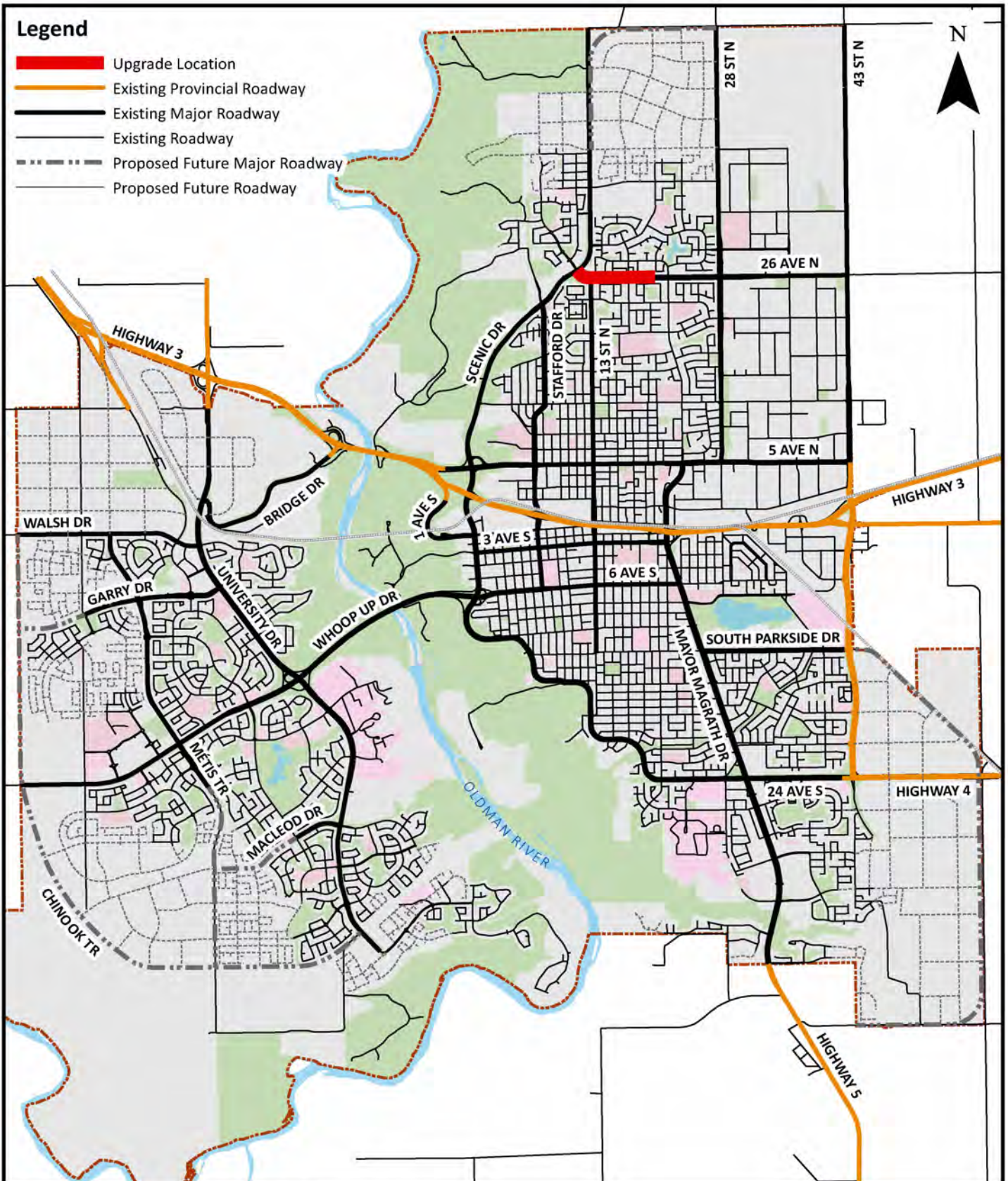
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Combined underground utility and arterial road extension.</p> <p>Design and construct the utility installation and the second two lanes of 26th Avenue North from the existing twinned section of road west of 23rd Street North to Scenic Drive North. This project is necessary to accommodate growth of traffic as a result of continued residential development in the area and to restore service levels.</p> <p>2026: Detail design and construction of the underground utility. Install second two lanes (urban cross section) of the ultimate four lane arterial of 26th Avenue North from the existing twinned section of road west of 23rd Street North to Scenic Drive North. This is to accommodate traffic from existing Uplands and future Blackwolf residential developments as well and future traffic growth from the north Lethbridge commercial area.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>The utility install will allow for continued growth in southeast Lethbridge as part of a larger extension of utilities.</p> <p>26th Avenue North, an existing arterial roadway has been twinned in stages since 2013 and is starting to exceed its capacity as a two lane roadway. This roadway provides access to major north-south arterial roadways such as Scenic Drive, 13th Street, 28th Street/Mayor Magrath Drive and 43rd Street as well as providing access to residential subdivisions along its route. This roadway will require upgrading as a result of continued residential and commercial growth in the north.</p> <p>This project is growth driven and necessary to provide improved access to restore levels of service for the arterial roadway network.</p>

All amounts below are in thousands of dollars

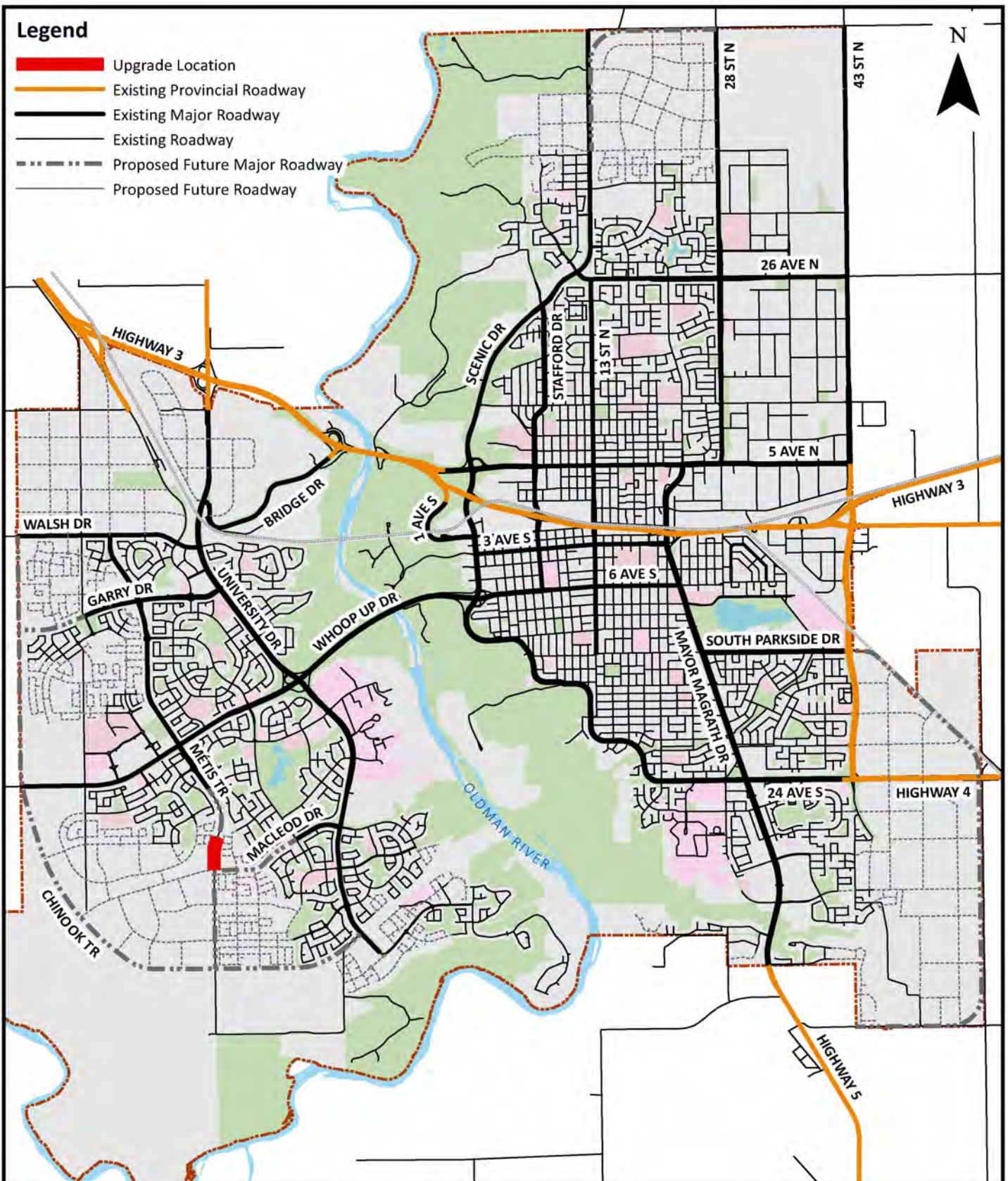
	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction										11,600		11,600
										11,600		11,600
Total Costs										11,600		11,600
Funding												
Borrowing - Offsites										7,300		7,300
Grant - Basic Municipal Transportation										4,300		4,300
										11,600		11,600
Total Funding										11,600		11,600
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	652	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	90	

Comments



26 Avenue North Twinning 23 St N to Scenic Dr N





Métis Trail West (Stage 1) Coalbrook Gate W to Macleod Dr W



COMMUNITY

CAPITAL IMPROVEMENT PROJECTS

2018-2027

**City of Lethbridge
Community**

**Capital Improvement Program 2018 - 2027 Projects
Commencing in the First Four Years**

		Project Costs				
		2018	2019	2020	2021	2022-2027
Project Costs		All amounts below are in thousands				
Community						
<u>Funded Community Projects</u>						
Previously Approved Projects						
West Lethbridge Operations Depot (Phase 2)	D - 5	3,630				
ATB Centre - Phase 2 (Leisure Complex)	D - 6	31,970	3,570			
Legacy Park	D - 7	2,250				
Yates Renewal	D - 8	7,939				
Art Acquisition Program	D - 9	267	601	131	5	30
		46,056	4,171	131	5	30
Maintain Current Assets/Ongoing Programs						
Parks Asset Management	D - 10	650	650	650	650	3,900
Pathway System Connections and Extensions	D - 11	50	50	100	50	3,000
Facility Assessment and Accessibility Upgrades	D - 12	100	100	100	100	600
Facility Assessment and Energy Efficiency Upgrades	D - 13	300	300	300	300	1,800
River Valley Protective Fencing	D - 14	400				
Facility Renewal and Upgrade Program	D - 45				8,840	
		1,500	1,100	1,150	9,940	9,300
New Facilities						
Transit Terminal and Regional Park 'n Ride	D - 15	7,815	9,705			
Bark Park	D - 16	600				
School Gymnasium Upsize	D - 17	850	850			
New School Site Development	D - 18	1,700	1,700			
West Lethbridge Operations Depot (Phase 3a)	D - 19				3,986	3,850
Galt Museum Parking Lot Upgrade	D - 20	310				
Spitz Stadium Grandstand (Phase 2)	D - 21	2,300				
3rd Avenue South (4th to 8th Street) Reconstruction	D - 22	1,200	4,381	3,832		
3rd Avenue South (Stafford Dr to MMD) Upgrade	D - 23	300				4,200
4th Avenue South Enhancements	D - 24	150	308	292	300	
Nikka Yuko Japanese Garden Programming & Community Facility	D - 25	273	2,647			
Crossings Branch Expansion and Enhancement	D - 26	212				838
Legacy Park (Additional Amenities)	D - 27		2,098	1,351	2,182	
New Fire Station #5 - West	D - 28	1,800	4,300	4,200		
Performing Arts Centre	D - 34	375				77,300
Lethbridge Airport Renovation	D - 43		700	2,052	15,074	7,427
Festival Square Market Plaza	D - 44				1,710	
Fibre Connectivity Pilot - Industrial Parks	D - 46				6,900	
Legacy Park - Discovery Playground	D - 47				1,200	
		17,885	26,689	11,727	31,352	93,615
Planning						
Indigenous Cultural Centre Study	D - 35	300				
Recreation and Culture Master Plan Update	D - 36	350				
Accessibility Master Plan	D - 37	350				
River Valley Ridership Study and Analysis	D - 38	100				
		1,100				
Community Groups						
Shooting Sports Facility Safety Enhancement	D - 40	187	1,687			
Henderson Lake Golf Club Upgrades	D - 41	149	75			
Lethbridge & District Exhibition: Agri-Food Hub (Trade Centre)	D - 42	2,200			44,324	26,300
		2,536	1,762		44,324	26,300
TOTAL PROJECTS		69,077	33,722	13,008	85,621	129,245

City of Lethbridge
Community

Capital Improvement Program 2018 - 2027 Projects
Commencing in the First Four Years

	Project Costs				
	2018	2019	2020	2021	2022-2027
	All amounts below are in thousands				
Project Funding					
Borrowing	25,490	3,570		17,824	
Community Groups	1,100				
Developer Contribution	850	850			
Fundraising	90				
Grant – Airports Capital Assistance Program (ACAP)				1,471	5,171
Grant - Federal Gas Tax Fund (FGTF)	1,664	7,687	5,130	2,182	2,700
Grant - GreenTRIP	6,983	3,463			
Grant – ICIP Resilience				12,841	
Grant - MSI	13,753	5,974	5,217	3,672	1,681
Grant - MSI Replacement Program					82,338
Grant - Municipal Stimulus Program				12,063	
Grant - Other				26,500	26,300
Grant - PTIF	832				
Internal Borrowing		3,630		1,436	
Operating Budget	4,060			750	
PAYG - Community	2,900	3,642	1,461	820	6,630
Reserve - Airport				163	575
Reserve - MCPR	6,480			1,914	
Reserve - MRSR	850	850			
Reserve - Offstreet Parking		1,246			
Reserve - Operating	2,475				
Reserve - Urban Parks	100				
Subdivision Surplus	1,450	850	1,200		
Utility Capital				3,986	3,850
Wastewater Capital		980			
Water Capital		980			
TOTAL FUNDING	69,077	33,722	13,008	85,621	129,245

City of Lethbridge

Community

Capital Improvement Program 2018 - 2027

Amended December 14, 2021

Project Costs

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
Project Costs	All amounts below are in thousands											
Infrastructure - Transportation												
<u>Funded Community Projects</u>												
Previously Approved Projects												
West Lethbridge Operations Depot (Phase 2)	D - 5	3,630									3,630	
ATB Centre - Phase 2 (Leisure Complex)	D - 6	31,970	3,570								35,540	
Legacy Park	D - 7	2,250									2,250	
Yates Renewal	D - 8	7,939									7,939	
Art Acquisition Program	D - 9	267	601	131	5	5	5	5	5	5	1,035	
Maintain Current Assets/Ongoing Programs												
Parks Asset Management	D - 10	650	650	650	650	650	650	650	650	650	6,500	
Pathway System Connections and Extensions	D - 11	50	50	100	50	500	500	500	500	500	3,250	
Facility Assessment and Accessibility Upgrades	D - 12	100	100	100	100	100	100	100	100	100	1,000	
Facility Assessment and Energy Efficiency Upgrades	D - 13	300	300	300	300	300	300	300	300	300	3,000	
River Valley Protective Fencing	D - 14	400									400	
Facility Renewal and Upgrade Program	D - 45				8,840						8,370	
New Facilities												
Transit Terminal and Regional Park 'n Ride	D - 15	7,815	9,705								17,520	
Bark Park	D - 16	600									600	
School Gymnasium Upsize	D - 17	850	850								1,700	
New School Site Development	D - 18	1,700	1,700								3,400	
West Lethbridge Operations Depot (Phase 3a)	D - 19				3,986	3,850					7,836	
Galt Museum Parking Lot Upgrade	D - 20	310									310	
Spitz Stadium Grandstand (Phase 2)	D - 21	2,300									2,300	
3rd Avenue South (4th to 8th Street) Reconstruction	D - 22	1,200	4,381	3,832							9,413	
3rd Avenue South (Stafford Dr to MMD) Beautification	D - 23	300				2,100				2,100	4,500	
4th Avenue South Enhancements	D - 24	150	308	292	300						1,050	
Nikka Yuko Japanese Garden Programming & Community Facility	D - 25	273	2,647								2,920	
Crossings Branch Expansion and Enhancement	D - 26	212				47	791				1,050	
Legacy Park (Additional Amenities)	D - 27		2,098	1,351	2,182						5,631	
New Fire Station #5 - West	D - 28	1,800	4,300	4,200							10,300	
Fire Station #3 - 16th Ave S. Relocation and 911 Backup	D - 29					1,975	4,751	3,797			10,523	
Yates Enhancement	D - 30					1,230	10,090				11,320	
Galt Gardens Reconstruction	D - 31					197	2,050	2,731	1,192		6,170	
Arena Replacement	D - 32							4,675	15,921	15,652	37,231	
Royal View Memorial Cemetery (Phase 2)	D - 33								262	2,515	2,777	
Performing Arts Centre	D - 34	375				77,300					77,675	
Lethbridge Airport Renovation	D - 43		700	2,052	15,074	7,427					25,253	
Festival Square Market Plaza	D - 44										1,710	
Fibre Connectivity Pilot - Industrial Parks	D - 46										6,900	
Legacy Park - Discovery Playground	D - 47										1,200	
Planning												
Indigenous Cultural Centre Study	D - 35	300									300	
Recreation and Culture Master Plan Update	D - 36	350									350	
Accessibility Master Plan	D - 37	350									350	
River Valley Accessibility Study	D - 38	100									100	
Community Groups												
Shooting Sports Facility Safety Enhancement	D - 40	187	1,687								1,874	
Henderson Lake Golf Club Upgrades	D - 41	149	75								224	
Lethbridge & District Exhibition: Agri-Food Hub (Trade Centre)	D - 42	2,200			44,324	26,300					72,824	
		69,077	33,722	13,008	85,621	121,981	19,237	12,758	18,930	19,722	4,638	398,225
TOTAL PROJECTS		69,077	33,722	13,008	85,621	121,981	19,237	12,758	18,930	19,722	4,638	398,225

City of Lethbridge
Community

Amended December 14, 2021

Capital Improvement Program 2018 - 2027

	Project Costs										Total
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	
	All amounts below are in thousands										
Project Funding											
Borrowing	25,490	3,570		17,824							46,884
Community Groups	1,100										1,100
Developer Contribution	850	850									1,700
Fundraising	90										90
Grant - Airports Capital Assistance Program (ACAP)				1,471	5,171						6,642
Grant - Federal Gas Tax Fund (FGTF)	1,664	7,687	5,130	2,182	450	450	450	450	450	450	19,363
Grant - GreenTRIP	6,983	3,463									10,446
Grant - ICIP Resilience				12,841							13,121
Grant - MSI	13,753	5,974	5,217	3,672	1,681						30,297
Grant - MSI Replacement Program					82,849	17,682	11,203	17,375	18,167	3,083	150,359
Grant - Municipal Stimulus Program				12,063							12,063
Grant - Other				26,500	26,300						52,800
Grant - PTIF	832										832
Internal Borrowing		3,630		1,436							5,066
Operating Budget	4,060			750							4,060
PAYG - Community	2,900	3,642	1,461	820	1,105	1,105	1,105	1,105	1,105	1,105	15,453
Reserve - Airport				163	575						738
Reserve - MCPR	6,480			1,914							8,394
Reserve - MRSR	850	850									1,700
Reserve - Offstreet Parking		1,246									1,246
Reserve - Operating	2,475										2,475
Reserve - Urban Parks	100										100
Subdivision Surplus	1,450	850	1,200								3,500
Utility Capital				3,986	3,850						7,836
Wastewater Capital		980									980
Water Capital		980									980
TOTAL FUNDING	69,077	33,722	13,008	85,621	121,981	19,237	12,758	18,930	19,722	4,638	398,225

City of Lethbridge
Community
Capital Improvement Program 2018 - 2027
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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	(2,548)	(2,598)	(3,290)	(1,702)	628	2,773	5,018	7,363	9,808	12,353		
Capital Requirements												
Legacy Park	D - 7	(450)									(450)	
Art Acquisition Program	D - 9	(267)	(601)	(131)	(5)	(5)	(5)	(5)	(5)	(5)	(1,035)	
Parks Asset Management	D - 10	(65)	(65)	(65)	(65)	(650)	(650)	(650)	(650)	(650)	(4,160)	
Pathway System Connections and Extensions	D - 11	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(500)	
Facility Assessment and Accessibility Upgrades	D - 12	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(1,000)	
Facility Assessment and Energy Efficiency Upgrades	D - 13	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(3,000)	
River Valley Protective Fencing	D - 14	(400)									(400)	
Galt Museum Parking Lot Upgrade	D - 20	(310)									(310)	
Spitz Stadium Grandstand (Phase 2)	D - 21	(230)									(230)	
3rd Avenue South (Stafford Dr to MMD) Beautification	D - 23	(300)									(300)	
4th Avenue South Enhancements	D - 24	(150)	(308)	(292)	(300)						(1,050)	
Nikka Yuko Japanese Gdn Programming & Community Facility	D - 25	(27)	(265)								(292)	
Crossings Branch Expansion and Enhancement	D - 26	(21)									(21)	
Legacy Park (Additional Amenities)	D - 27		(580)	(103)							(683)	
New Fire Station #5 - West	D - 28	(180)	(430)	(420)							(1,030)	
Shooting Sports Facility Safety Enhancement	D - 40	(18)	(168)								(186)	
Henderson Lake Golf Club Upgrades	D - 41	(32)	(75)								(107)	
Lethbridge Airport Renovation	D - 43		(700)								(700)	
		(2,900)	(3,642)	(1,461)	(820)	(1,105)	(1,105)	(1,105)	(1,105)	(1,105)	(15,454)	
Additions:												
Current Year Funding		2,850	2,950	3,050	3,150	3,250	3,350	3,450	3,550	3,650	3,750	33,000
		2,850	2,950	3,050	3,150	3,250	3,350	3,450	3,550	3,650	3,750	33,000
Closing Balance		(2,598)	(3,290)	(1,702)	628	2,773	5,018	7,363	9,808	12,353	14,998	

Major Program: **Previously Approved Projects**Project Title: **West Lethbridge Operations Depot (Phase 2)**Dept - Project #: **332**Start Year: **2017**End Year: **2018**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project D-29 of 2014-2023.</p> <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>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 7 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>

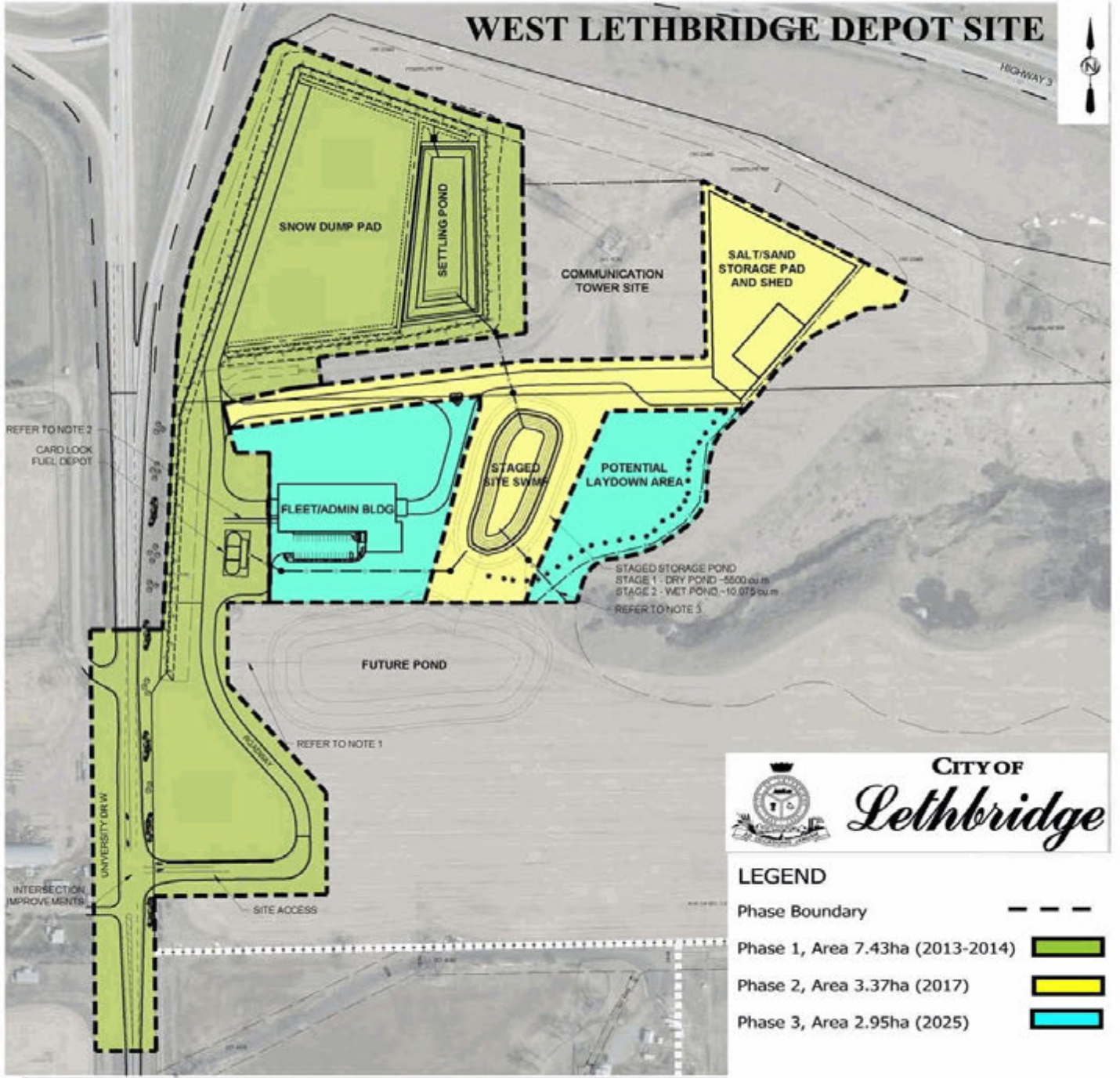
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	1,118	3,630										4,748
Consultive Services	382											382
	1,500	3,630										5,130
Total Costs	1,500	3,630										5,130
Funding												
Grant - Municipal Sustainability (MSI)	1,100	3,630										4,730
PAYG - Community	400											400
	1,500	3,630										5,130
Total Funding	1,500	3,630										5,130

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>





Capital Improvement Program
2018 to 2027

Major Program: **Previously Approved Projects**

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

Dept - Project #: **303**

Start Year: **2014**

End Year: **2019**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project D-32 of 2014-2023.</p> <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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	61,000	29,720	2,000									92,720
Consultive Services	8,460	750	70									9,280
Property Acquisition	4,550											4,550
	<u>74,010</u>	<u>30,470</u>	<u>2,070</u>									<u>106,550</u>
Costs - Non-Shareable												
Equip. & Furnishings		1,500	1,500									3,000
		<u>1,500</u>	<u>1,500</u>									<u>3,000</u>
Total Costs	74,010	31,970	3,570									109,550
Funding												
Borrowing	36,460	25,490	3,570									65,520
Grant - Municipal Sustainability (MSI)	19,200											19,200
Operating Budget	1,400											1,400
PAYG - Community	1,750											1,750
Reserve - MCPR	15,200	6,480										21,680
	<u>74,010</u>	<u>31,970</u>	<u>3,570</u>									<u>109,550</u>
Total Funding	74,010	31,970	3,570									109,550
Estimated Debt Charges		3,169	5,446	5,764	5,764	5,764	5,764	5,764	5,764	5,764	5,764	
Projected Net Operating Costs		650	1,457	1,577	1,677	1,777	1,927	1,985	2,043	2,100	2,158	

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: **Previously Approved Projects**Project Title: **Legacy Park**Dept - Project #: **292**Start Year: **2017**End Year: **2018**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project D-34 of 2014-2023.</p> <p>Phase one of basic development for the park is scheduled to be completed late in 2017 including; underground utilities, parking lots, basic landscaping, pathways, one washroom, picnic areas, wetland / skating pond, storm pond, small playground, sledding hill, performance venue, sports fields, sport courts, and skateboard plaza.</p> <p>With the completion of the basic development contract, the next phase in completing the park design will be the addition of the Community Pavilion and plaza. The pavilion will include a community meeting room, concession area, washroom / change rooms and mechanical room for the adjacent spray park.</p>	<p>The community pavilion building, as defined by the public needs assessment, includes a small meeting area that can be booked and utilized by community groups for meetings and activities. The meeting or activity room will include facilities to help with ongoing or standing club meetings. It will also be available for family activities and parties. The room is planned to accommodate 50 to 60 people.</p> <p>The pavilion will also include a park concession area and main washrooms for the park to service the sport court area, skate plaza, future play area and spray park. The entrance plaza to the pavilion will accommodate community gatherings and displays or exhibitions. The central proximity to the skating pond / wetland, skate park, sport courts, spray pad, and discovery play area make the pavilion a year round focal point of the park.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	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												
Grant - Municipal Sustainability (MSI)	2,250	1,800										4,050
PAYG - Community		450										450
	2,250	2,250										4,500
Total Funding	2,250	2,250										4,500

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



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



a place to
play • relax • connect

NORTH LETHBRIDGE REGIONAL PARK



Capital Improvement Program
2018 to 2027

Major Program: **Previously Approved Projects**

Project Title: **Yates Renewal**

Dept - Project #: **322**

Start Year: **2016**

End Year: **2018**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project D-14 of 2014-2023.</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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	4,771	7,783										12,554
Consultive Services	1,067	122										1,189
Other	183	34										217
	<u>6,021</u>	<u>7,939</u>										<u>13,960</u>
Total Costs	6,021	7,939										13,960
Funding												
Grant - Canada Cultural Spaces Fund	3,500											3,500
Grant - Municipal Sustainability (MSI)	2,371	3,879										6,250
Operating Budget		4,060										4,060
PAYG - Community	150											150
	<u>6,021</u>	<u>7,939</u>										<u>13,960</u>
Total Funding	6,021	7,939										13,960

Estimated Debt Charges

Projected Net Operating Costs

Comments



Major Program: **Previously Approved Projects**

Project Title: **Art Acquisition Program**

Dept - Project #: **169**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Equip. & Furnishings		267	601	131	5	5	5	5	5	5	5	1,035
		267	601	131	5	5	5	5	5	5	5	1,035
Total Costs		267	601	131	5	5	5	5	5	5	5	1,035
Funding												
PAYG - Community		267	601	131	5	5	5	5	5	5	5	1,035
		267	601	131	5	5	5	5	5	5	5	1,035
Total Funding		267	601	131	5	5	5	5	5	5	5	1,035

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Maintain Current Assets/Ongoing Programs**

Project Title: **Parks Asset Management**

Dept - Project #: **267**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Parks Asset Management Program covers the built assets, facilities and amenities throughout the Parks system across the city. The replacement value of the inventory (excluding the Urban Forest and buildings) exceeds \$121,000,000. This inventory includes play equipment, pathways, furniture, roads, parking lots, garbage receptacles, bleachers, various hard surface courts, sport field amenities, lighting, signs, retaining walls, irrigation systems and more.</p> <p>The Asset Management Program includes up to date inventories and condition ratings and remaining life expectancy or functional life remaining. In addition to the inventory and components of the park it is sometimes required to retrofit the park itself to address changing community needs. This major park retrofit is usually done in conjunction with the major component life-cycle replacements. Over the past six years there has been a major program focused on the most outdated and dysfunctional park assets which has successfully addressed a serious backlog in function, safety and usefulness of some of the assets.</p> <p>The previous program addressed a backlog of poor condition assets including:</p> <ul style="list-style-type: none"> - Various sport field and park amenities - Over 40 drainage projects - 34 playgrounds - Various fence replacements - Pathway rehab including stairs - Various park rehabs, parking lots and other projects - Nicholas Sheran irrigation 	<p>Parks has recently adopted the Asset Management planning tool to guide this ongoing program. This tool enables analysis of the inventory, utilizes the current condition of the various items in the inventory, available budget and identifies the most strategic items to be addressed. The condition of the Parks assets are more dependent on use and abuse than age, which makes longer term predictions for life-cycle less dependable; the software provides the ability to analyze and set priorities on an ongoing basis. As damage or unexpected wear occurs, the priorities shift and are modified to meet the most pressing items.</p> <p>Asset Planner will be used to help analyze the program and select the specific items to include for replacement in a given year. With the major back log of deficits addressed, it is critical to implement an ongoing program designed to keep the inventory from falling into widespread disrepair again.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		650	650	650	650	650	650	650	650	650	650	6,500
		650	650	650	650	650	650	650	650	650	650	6,500
Total Costs		650	650	650	650	650	650	650	650	650	650	6,500
Funding												
Grant - Municipal Sustainability (MSI)		585	585	585	585							2,340
PAYG - Community		65	65	65	65	650	650	650	650	650	650	4,160
		650	650	650	650	650	650	650	650	650	650	6,500
Total Funding		650	650	650	650	650	650	650	650	650	650	6,500

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

Parks Asset Management



Laval Playground Before



Laval Playground After



Picnic Table Before



Picnic Table After



Mt Blakiston Drainage Before



Mt Blakiston Drainage After

Major Program: **Maintain Current Assets/Ongoing Programs**Project Title: **Pathway System Connections and Extensions**Dept - Project #: **159**Start Year: **2018**End Year: **Ongoing**Capital Improvement Program
2018 to 2027**Description & Location**

Lethbridge has a good pathway system used for multiple activities ranging between recreation to alternative transportation. In the creation of the Bikeways and Pathways Master Plan, a Community Needs Assessment gathered citizen opinions and attitudes about the existing network as well as a list of their needs and wants. All were measured against the principles that would guide decision-making including accessibility, connectivity, functionality, education, promotion and safety. Priorities were identified and measured against these principles as well as an interconnection between societal, economic and environmental decisions. Priorities have been categorized that balance financial implications with managing growth, user benefit, conflict mitigation and integration with other City initiatives.

The plan has guided expansion of the pathway system in the recent past and several kilometers and connections remain to be constructed from the list of short term priorities.

Purpose & Justification

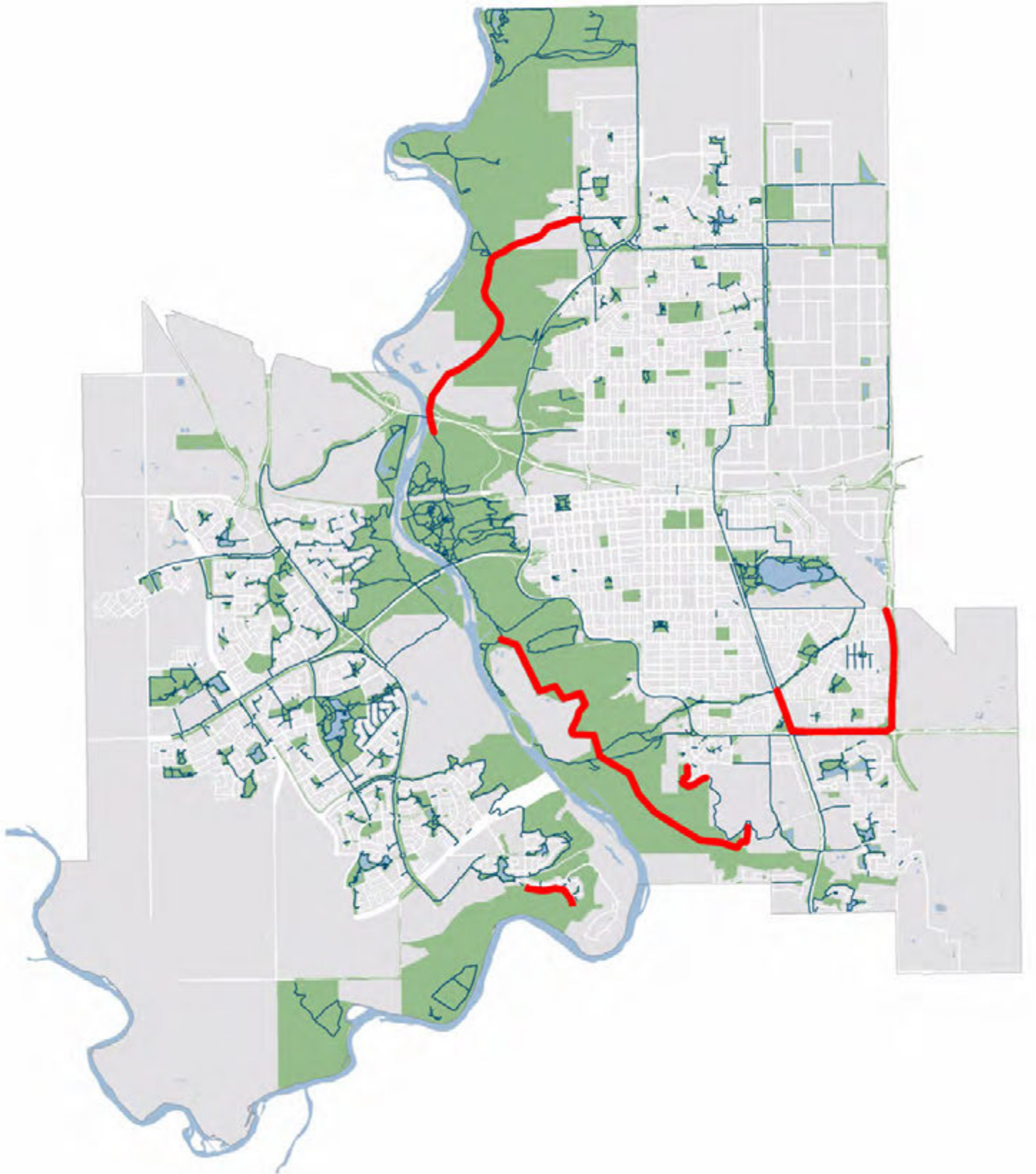
In 2007, Council approved the Bikeways and Pathways Master Plan following a comprehensive public engagement process. The Plan strategically guides future development of the bikeways and pathways network as well as ensure that the current network functions effectively.

In an effort to measure use of the pathway system, trail counters have been placed at various points across Lethbridge. The number of uses in 2016 recorded at 21 points is approximately 1.6 million. Although the data is limited to a few points along the pathway system it does demonstrate the magnitude of use and value placed by residents on the pathway system. There continues to be ongoing requests for new pathways and expanding the system to improve function and convenience.

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction				50		450	450	450	450	450	450	2,750
Consultive Services		50	50	50	50	50	50	50	50	50	50	500
		50	50	100	50	500	500	500	500	500	500	3,250
Total Costs		50	50	100	50	500	500	500	500	500	500	3,250
Funding												
Grant - Federal Gas Tax Fund (FGTF)				50		450	450	450	450	450	450	2,750
PAYG - Community		50	50	50	50	50	50	50	50	50	50	500
		50	50	100	50	500	500	500	500	500	500	3,250
Total Funding		50	50	100	50	500	500	500	500	500	500	3,250
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		15	30	46	62	78	94	110	127	143	160	

Comments



Major Program: **Maintain Current Assets/Ongoing Programs**

Project Title: **Facility Assessment and Accessibility Upgrades**

Dept - Project #: **384**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will involve renovations to City owned facilities to improve accessibility. This would include, but is not limited to: installation of barrier free ramps to main entrances, installation of automatic doors, reconfiguration of existing public washrooms, widening of doorways, and the installation of gender-neutral washrooms.</p> <p>The first step would be to hire an accessibility consultant to assess the facilities and develop a prioritized list of projects including budget estimates. The projects will be completed based on priority and the available funding.</p>	<p>The purpose of this project is to improve accessibility in City facilities. This will increase the ability for all members of the community to access and enjoy the services, programs, and work opportunities offered by the City.</p> <p>While efforts have been made to incorporate accessibility best practices in new construction or renovation projects, there is currently no dedicated funding available to implement such improvements in existing facilities. Funding for past projects has been from various sporadic sources, which has limited what can be accomplished. Dedicated annual funding is proposed so that accessibility improvements can be addressed on a prioritized basis.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Other		100	100	100	100	100	100	100	100	100	100	1,000
		100	100	100	100	100	100	100	100	100	100	1,000
Total Costs		100	100	100	100	100	100	100	100	100	100	1,000
Funding												
PAYG - Community		100	100	100	100	100	100	100	100	100	100	1,000
		100	100	100	100	100	100	100	100	100	100	1,000
Total Funding		100	100	100	100	100	100	100	100	100	100	1,000

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Maintain Current Assets/Ongoing Programs**

Project Title: **Facility Assessment and Energy Efficiency Upgrades**

Dept - Project #: **385**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Potential projects that could be included are: building envelope improvements, mechanical and electrical system retrofits, combined heat and power systems, and renewable energy systems (e.g. solar panels). The work will include performing energy audits and feasibility studies to determine the most practical projects to implement.</p>	<p>The purpose of this project is to provide funding for grant matching or direct funding for projects which reduce the energy consumption of City facilities. This will in turn reduce operating costs and reduce the City's ecological footprint. There is currently no dedicated municipal funding source to implement projects of this type. The proposed dedicated funding could either be used independently, or in conjunction with potential provincial or federal funding programs.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Other		300	300	300	300	300	300	300	300	300	300	3,000
		<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>3,000</u>
Total Costs		300	300	300	300	300	300	300	300	300	300	3,000
Funding												
PAYG - Community		300	300	300	300	300	300	300	300	300	300	3,000
		<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>300</u>	<u>3,000</u>
Total Funding		300	300	300	300	300	300	300	300	300	300	3,000
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	(15)	(30)	(45)	(60)	(75)	(90)	(105)	(120)	(135)	

<u>Comments</u>



Major Program: **Maintain Current Assets/Ongoing Programs**

Project Title: **River Valley Protective Fencing**

Dept - Project #: **360**

Start Year: **2018**

End Year: **2018**



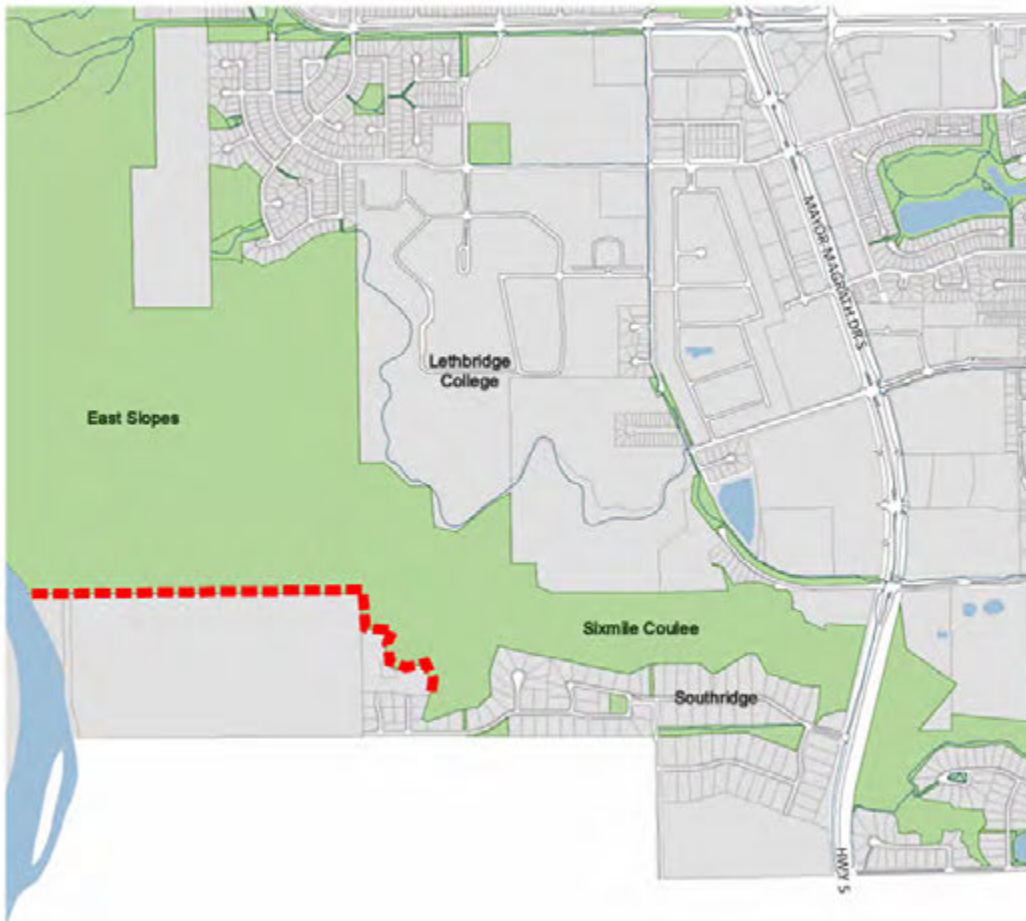
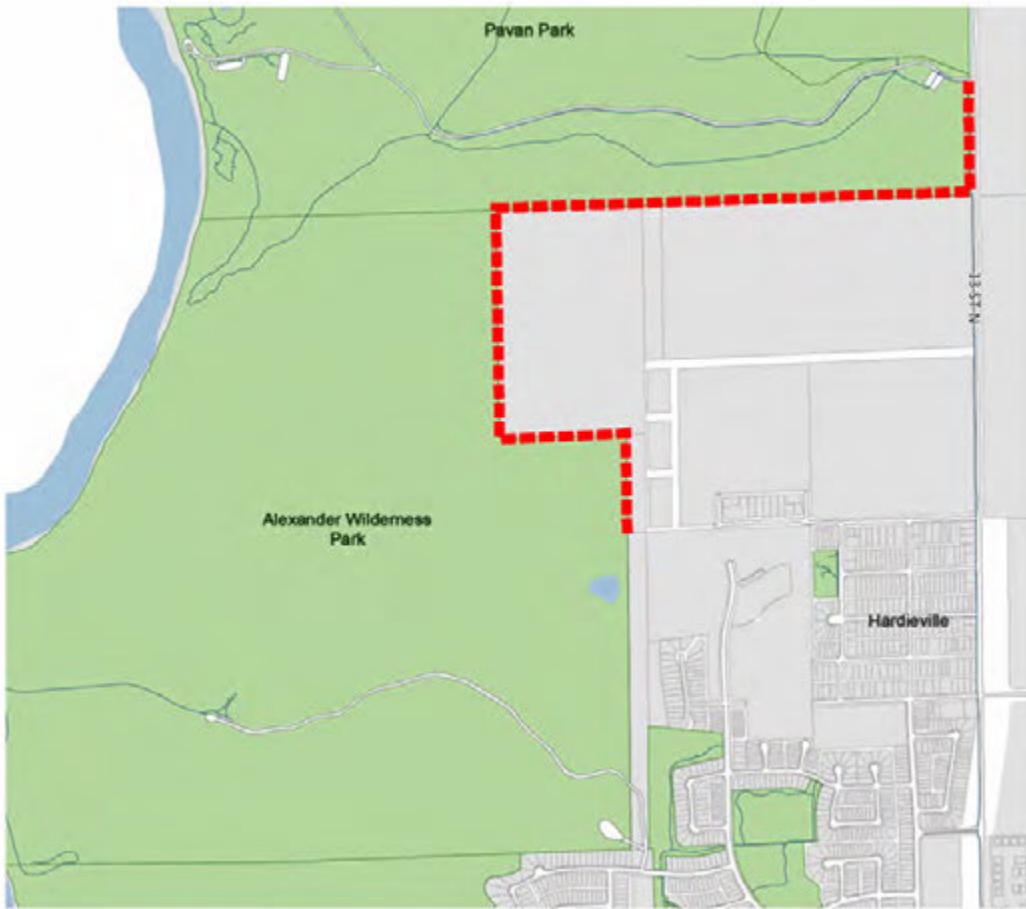
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is to define the park boundaries with standard post and cable fencing in accordance with City standards and specifications.</p> <p>The locations identified are the top bank along the eastern edge of Alexander Wilderness Park, and along the south boundary of Six Mile Coulee. This fence will close the gap where there is no fencing.</p>	<p>Remote areas of the River Valley Parks system, specifically Alexander Wilderness Park and Six Mile Coulee, are out of sight and subject to unauthorized use and abuse. Damage from vehicles and party sights leave long term scars on the fragile landscape. Access to the points of entry are initially across private property. Once across the private property there are no barriers to the City Parks.</p> <p>Efforts with light fences have not been effective as they are easily cut or dismantled. To provide a further deterrent to enter these areas, a standard post and cable fence would provide more obstruction and a standard definition of park boundaries.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		400										400
		400										400
Total Costs		400										400
Funding												
PAYG - Community		400										400
		400										400
Total Funding		400										400
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		0	5	5	5	6	6	6	6	6	7	

Comments





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Transit Terminal and Regional Park 'n Ride**

Dept - Project #: **381**

Start Year: **2017**

End Year: **2019**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is to design and construct a new shared Regional Transit Park 'n Ride Terminal that will be located in the heart of downtown Lethbridge. It will have ten drop off pick up locations five along 5th Avenue South and five internal to the site. The buses will have one way flow to reduce the possibility of accidents and the proposed building will consist of:</p> <ol style="list-style-type: none"> 1. A central bus terminal with common waiting space between Lethbridge Transit Facilities (tickets & bus-driver coordination) and a leased area (regional bus service). 2. A minimum of three additional floors for commuter parking to accommodate at least 300 vehicles. 3. Public washroom facilities. 4. Commercial space for lease spaces. 5. Accessibility in all areas including elevator service to the second floor office areas supporting the transit terminal operations as well as the parking levels. <p>City Council resolution on July 11, 2016: THEREFORE BE IT RESOLVED THAT the Lethbridge Transit and Regional Transit Service Park n Ride Terminal project be approved, contingent on approval of the grant applications under Green TRIP III and the Public Transportation Infrastructure Fund.</p> <p>Approval of the grants was announced on December 3, 2016 by the Federal and Provincial governments. It should be noted that the Public Transit Infrastructure Fund (PTIF) in the amount of \$2,027,000 must be spent by March 31, 2018.</p>	<p>Lethbridge Transit has an on-street terminal in downtown Lethbridge and this creates multiple risks for accidents and injuries. Riders today have to rush or cross the street to transfer between one bus and another. There are no wind breaks or areas for riders to wait in during inclement weather, the buses must pull directly into traffic, there is no Transit Customer Service presence and this on street facility removes much needed parking from the downtown core. The creation of a Regional Park 'n Ride Terminal will solve the majority of these issues and meet Provincial requirements to support regional transit. A regional bus operator co-located at this site would provide community users taking the bus downtown the opportunity to then board the regional carrier to move to their long-distance destinations throughout the province and the country. It would also provide our users who want to drive into town and ride regional transit an opportunity to park their cars in a reasonable location.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	1,000	7,505	8,945									17,450
Consultive Services	1,245	215	200									1,660
Equip. & Furnishings			485									485
Other	145	95	75									315
	<u>2,390</u>	<u>7,815</u>	<u>9,705</u>									<u>19,910</u>
Total Costs	2,390	7,815	9,705									19,910
Funding												
Grant - Federal Gas Tax Fund (FGTF)			1,366									1,366
Grant - GreenTRIP	1,195	6,983	3,463									11,641
Grant - Public Transit (PTIF)	1,195	832										2,027
Internal Borrowing			3,630									3,630
Reserve - Offstreet Parking			1,246									1,246
	<u>2,390</u>	<u>7,815</u>	<u>9,705</u>									<u>19,910</u>
Total Funding	2,390	7,815	9,705									19,910
Estimated Debt Charges		0	0	302	302	302	302	302	302	302	302	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

The debt costs will be recovered through parking fees and lease payment revenue.



Major Program: **New Facilities**

Project Title: **Bark Park**

Dept - Project #: **363**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>It is essential for the success of a Bark Park for the location to be well separated from residential and have both good vehicle and pathway access. A 3.5 hectare Parks parcel just south of the Legacy Ridge community meets the criteria and will provide an ideal location for this outdoor facility.</p> <p>A design has been completed utilizing a collection of dog experts and people with experience in using this type of park to guide the process and the design outcome. The design includes, but is not limited to, separate areas for different dogs and activities, play equipment for dogs, garbage containers, benches, trees, grading, parking, pathways and fencing. This design will provide a fully functional park for dogs and dog owners used for different activities and for different levels of training and sociability and or segregation of the dogs.</p> <p>The basic infrastructure, including fencing, parking lot and grading will require \$400,000 with the balance of the budget to include enhancements to the Park.</p>	<p>For several years the public has been asking for a specialized dog park in the City. The City of Lethbridge has three parks designated as off leash areas. Each of the parks are in the undeveloped natural areas of the river valley, and other than a pathway provide no amenities or services designed to enhance the training and play for the dogs and owners.</p> <p>Many communities across North America provide facilities and amenities specific to the needs of dogs and owners including designated areas for activities and types of dogs that help the dogs and owners focus on play activities, training and socializing the dogs.</p> <p>This park follows planning documents including the Hardieville-Legacy Ridge-Uplands Area Structure Plan 2013, the Legacy Ridge Outline Plan 2010 and was zoned as a park in May 2016.</p> <p>This specialized "Bark Park" will be the first of its kind in Lethbridge and serve the estimated 10,000 dogs and owners in the city.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		600										600
		600										600
Total Costs		600										600
Funding												
Subdivision Surplus		600										600
		600										600
Total Funding		600										600
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		0	46	47	48	50	51	53	55	56	58	

Comments



Major Program: **New Facilities**

Project Title: **School Gymnasium Upsize**

Dept - Project #: **392**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Through the Joint Use Agreement between the City and the two school districts, school gym upsizing supports the community and residents in a cost effective manner. New school projects and school modernizations are contemplated within the scope of the school gym upsizing.</p> <p>The Province of Alberta's Capital Plan includes plans to construct two new elementary schools for Lethbridge during 2018 and they are:</p> <ul style="list-style-type: none"> - Southeast Elementary School for School District 51 - West (Community Core) Elementary School for Holy Spirit Roman Catholic Separate Regional Division #4. 	<p>The gymnasiums will be upsized from an elementary school size (approximately 430 m2) to a middle school size (approximately 630 m2), where more community uses can be simultaneously realized.</p> <p>The 2013 Recreation and Culture Master Plan identified a lack of gymnasium space in the City of Lethbridge. Evening use of gymnasium space for various sports and leisure activities, including basketball, volleyball, pickleball, and other gym activities ensures public access to these facilities for recreational purposes. During 2016, 849 hours were booked in School Division 4 and 3,453 hours were booked in School District 51. In return school children are allowed access to City of Lethbridge recreation and cultural facilities. This is a benefit to the respective parties and improves and enhances the quality of life of Lethbridge residents.</p> <p>The Joint Use Agreement, first introduced in 1959, was the first of its kind in Alberta. Today, the Agreement is a model other jurisdictions are eager to use. The Agreement allows the City of Lethbridge and the school boards to benefit from a mutually advantageous arrangement that maximizes utilization of tax-funded facilities - schools and municipal recreation facilities.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		850	850									1,700
		850	850									1,700
Total Costs		850	850									1,700
Funding												
Reserve - MRSR		850	850									1,700
		850	850									1,700
Total Funding		850	850									1,700

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

School Gymnasium Upsize





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **New School Site Development**

Dept - Project #: **366**

Start Year: **2018**

End Year: **2019**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>In consultation with the School Boards and their priorities to add additional schools in both west and south Lethbridge, sites have been identified as the likely locations for the next additions in the Crossings/Piers area and in the southeast (Discovery). The west site and southeast sites are planned to be ready for site servicing late in 2017.</p> <p>It is not known when the Province of Alberta will announce funding for the addition of these schools but it may be prior to 2021. When funding is announced and construction of the building starts, the development of the school sites will need to be completed alongside the building construction.</p> <p>Site design will be coordinated between the developer and the respective School Board to ensure the site fulfills the programing and functional needs of the school and students. Development of the School Fields will be funded by the City of Lethbridge to a base level school field standard. This would include grade, loam, seed, irrigation, trees, pathways, U12 Soccer pitches (2) and a softball diamond up to a maximum of \$850,000. Additional site amenities above the base level standard can be provided by the developer, in consultation with the City and relevant school division. Site servicing and any required fencing are the responsibility of the developer.</p>	<p>A school in west Lethbridge and one in the southeast are the next two schools that may have funding announced for construction starting prior to 2021. When funding is announced, the City will be prepared to begin construction of the sites in alignment with building construction.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		1,230	1,230									2,460
Consultive Services		170	170									340
Equip. & Furnishings		300	300									600
		1,700	1,700									3,400
Total Costs		1,700	1,700									3,400
Funding												
Developer Contribution		850	850									1,700
Subdivision Surplus		850	850									1,700
		1,700	1,700									3,400
Total Funding		1,700	1,700									3,400
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	63	130	133	137	141	145	150	155	160	

Comments

--



Major Program: **New Facilities**

Project Title: **West Lethbridge Operations Depot (Phase 3a)**

Dept - Project #: **332A**

Start Year: **2021**

End Year: **2022**



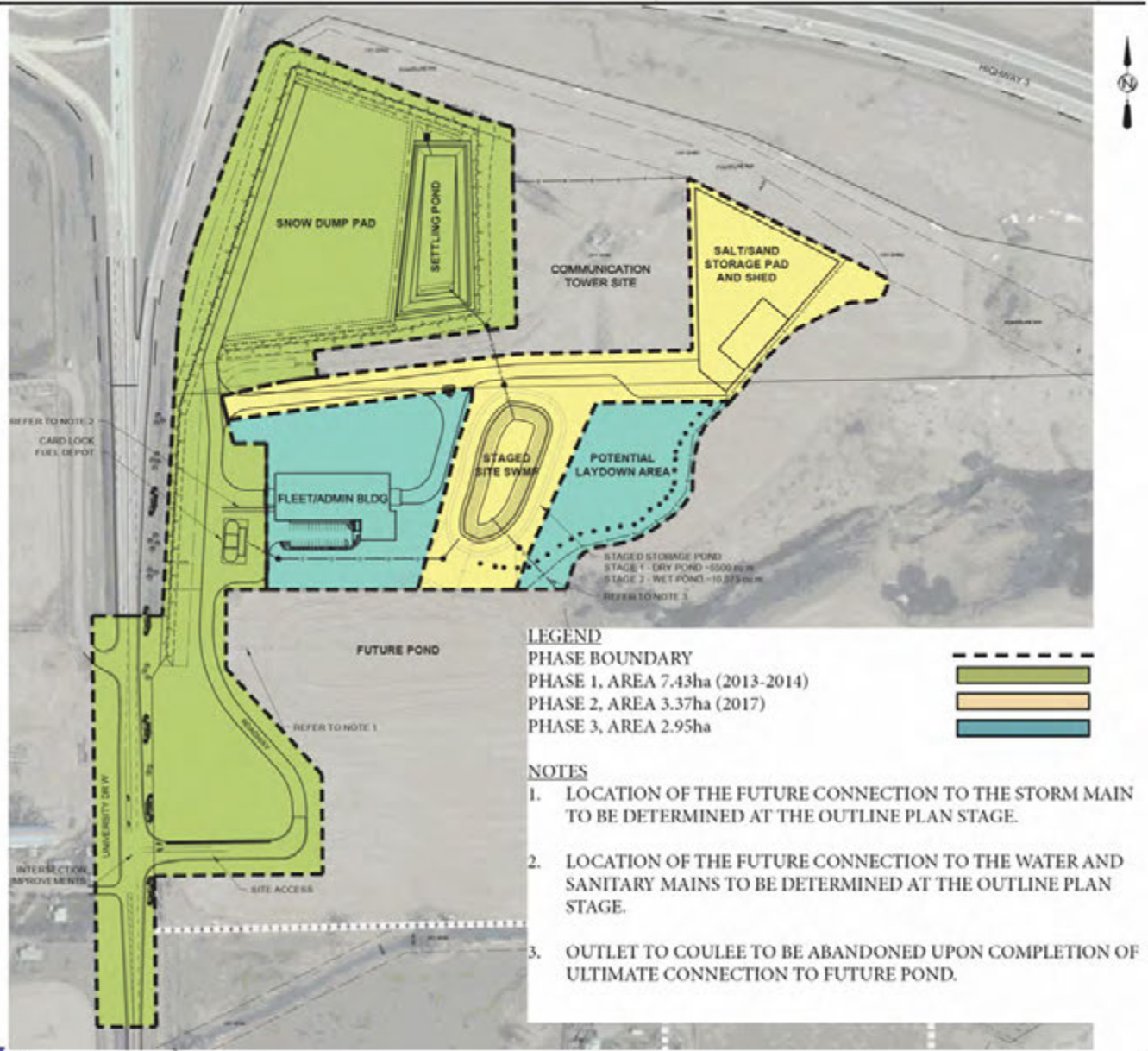
Capital Improvement Program
2018 to 2027

<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 13.75 hectares of land.</p> <p>Phase 1 - (CIP 2011-2020 D-22). The first phase of the West Depot was approved for construction in 2011 and included the construction of a 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. This project was completed in the fall of 2012.</p> <p>Phase 2 - 2017 & 2018 (CIP 2014-2023 D-29). This phase includes the construction of a sand/salt storage facility, an onsite storm water 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. Design is in progress, construction will be completed fall of 2017 or spring of 2018.</p> <p>Phase 3A - 2021 & 2022 (\$7.8 million) will involve the construction of an equipment fleet storage and maintenance space as well as a material storage area and site improvements (parking lot and landscaping). It is anticipated the development of this phase will require 2.95 hectares of land.</p> <p>Phase 3B - future (\$7.4 million) will involve the addition of administration office space and will also include full site servicing. The timing of this phase is contingent on the pace of development in west Lethbridge.</p>	<p>Phase 3A addresses Public Operations requirements for additional depot space (fleet building, material storage and parking for vehicles and equipment).</p> <p>Phase 3B addresses Public Operations requirements for an Administration building including an office, lunchroom and washroom facilities.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					2,963	3,850						6,813
Consultive Services					1,023							1,023
					3,986	3,850						7,836
Total Costs					3,986	3,850						7,836
Funding												
Utility Capital					3,986	3,850						7,836
					3,986	3,850						7,836
Total Funding					3,986	3,850						7,836
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	183	189	191	192	194	

Comments



Major Program: **New Facilities**

Project Title: **Galt Museum Parking Lot Upgrade**

Dept - Project #: **387**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Renovation of the Galt Parking lot to include:</p> <ul style="list-style-type: none"> • Parking lot is to be extended eight feet west • Haul away material from curbing and sidewalk • Relocate six light poles • Install an irrigation line from Galt building to the green strip separation along 4th avenue • Install landscape • Install of curbing • Installation of a sidewalk along the west side of the parking lot • Purchase and install a multi-space meter system • Line painting for approximately 115 stalls • Possible installation of wet land/vegetation filter for storm water 	<p>In 2006 the Galt Museum completed a building expansion. At this time, ample parking was available. In 2008 construction of senior housing complex was completed and many Galt parking spaces along 5th Avenue were removed and replaced by a roadway access for the complex. Later, Alberta Health Care Services leased space in a neighbouring facility which has now grown to employ over 800 employees. Another neighbour rented out a large portion of their parking lot, leaving their patrons without parking.</p> <p>Changes to the neighbourhood and downtown city parking meters are causing concern for Galt parking users. Meters on 4th and 5th Avenue will cause more problems with 50 plus cars seeking low-cost parking.</p> <p>The Galt needs signage and appropriate landscaping as visitors start the museum experience.</p> <p>In order to find a neighborhood solution to the escalating parking lot problems, the Galt needs to renovate, expand and control the public parking available at this City Facility. Furthermore, the existing parking lot concrete curbs merely rest on top of the asphalt surface resulting in some broken and displaced pieces. Renovating the parking lot would allow for the installation of properly constructed curbs.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		310										310
		310										310
Total Costs		310										310
Funding												
PAYG - Community		310										310
		310										310
Total Funding		310										310

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Spitz Stadium Grandstand (Phase 2)**

Dept - Project #: **391**

Start Year: **2018**

End Year: **2018**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project includes the completion of the scope items that could not be accomplished as part of the 2014 to 2023 CIP project D-40. Specifically, this includes further upgrades to the stadium exterior, as follows:</p> <ul style="list-style-type: none"> • Construction of upper level concourse to allow top down access to grandstand seating and provide upper level accessible seating. • Construction of an improved concession space on the upper concourse that could service the grandstand as well as the satellite concession areas. • Construction of elevator to upper concourse to facilitate accessibility requirements. • Improved accessible seating. • Construction of new press and announcer booth on upper concourse to accommodate both home and visiting team broadcasting as well as television broadcasting. 	<p>Spitz Stadium, home of the Lethbridge Bulls, was constructed in 1975 and is the premiere baseball facility in Lethbridge and southern Alberta. The lighted stadium can accommodate over 2,000 spectators and is home to over 260 games and events per year. The estimated annual attendance is approximately 61,000.</p> <p>Between May 15 and August 1, field bookings are at maximum capacity, a situation that is often repeated throughout the spring and 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>In 2009, the Spitz Stadium Society developed a Master Plan that identified various facility upgrades intended to position the Stadium for long term operational success. The scope of work in the Master Plan was divided into 3 phases. The work in Phase 1 is complete. Phase 2 of the Master Plan was approved as project D-40 in the 2014 to 2023 CIP. Phase II included upgrades to the stadium exterior and walking areas, washroom renovations, dugout upgrades, press/media/VIP boxes, umpire change room renovations, a first aid room, and barrier free elevator and seating.</p> <p>Work began on the project, however, all of the construction bids received exceeded the available budget. Since then, the City has engaged a construction manager to accomplish as much of the project scope as possible with the approved budget. The following scope will be accomplished in 2017: washroom upgrades on the ground floor, partial upgrades to the stadium exterior and walking areas, and umpire change room renovations. The project is currently proceeding such that the remaining scope items could eventually be completed should additional funding be approved.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		2,200										2,200
Consultive Services		24										24
Other		76										76
		<u>2,300</u>										<u>2,300</u>
Total Costs		2,300										2,300
Funding												
Grant - Municipal Sustainability (MSI)		2,070										2,070
PAYG - Community		230										230
		<u>2,300</u>										<u>2,300</u>
Total Funding		2,300										2,300

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Spitz Stadium

VIEW OF LOWER CONCOURSE AND
CIRCULATION ON MAY 29TH 7:00 PM



Spitz Stadium

Design Development



Major Program: **New Facilities**

Project Title: **3rd Avenue South (4th to 8th Street) Reconstruction**

Dept - Project #: **312**

Start Year: **2017**

End Year: **2020**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project D-30 of 2014-2023.</p> <p>This project was included in the 2014-2023 CIP at \$7.88 million and was approved for preliminary design in 2014 with construction scheduled for 2015. The change in timing is due to the inability to secure Federal or Provincial grant funding.</p> <p>In 2017 the following was complete: A detailed design report for 3rd Avenue South from Scenic Drive South to Stafford Drive South, including all intersections.</p> <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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		1,200	4,381	3,832								9,413
Consultive Services	670											670
	<u>670</u>	<u>1,200</u>	<u>4,381</u>	<u>3,832</u>								<u>10,083</u>
Total Costs	670	1,200	4,381	3,832								10,083
Funding												
Capital Consolidation	670											670
Grant - Federal Gas Tax Fund (FGTF)		1,200	2,421	3,832								7,453
Wastewater Capital			980									980
Water Capital			980									980
	<u>670</u>	<u>1,200</u>	<u>4,381</u>	<u>3,832</u>								<u>10,083</u>
Total Funding	670	1,200	4,381	3,832								10,083
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	30	31	32	33	34	35	36	37	38	

<u>Comments</u>
Change in grant funding source.

Major Program: **New Facilities**

Project Title: **3rd Avenue South (Stafford Dr to MMD) Beautification**

Dept - Project #: **312a**

Start Year: **2018**

End Year: **2027**



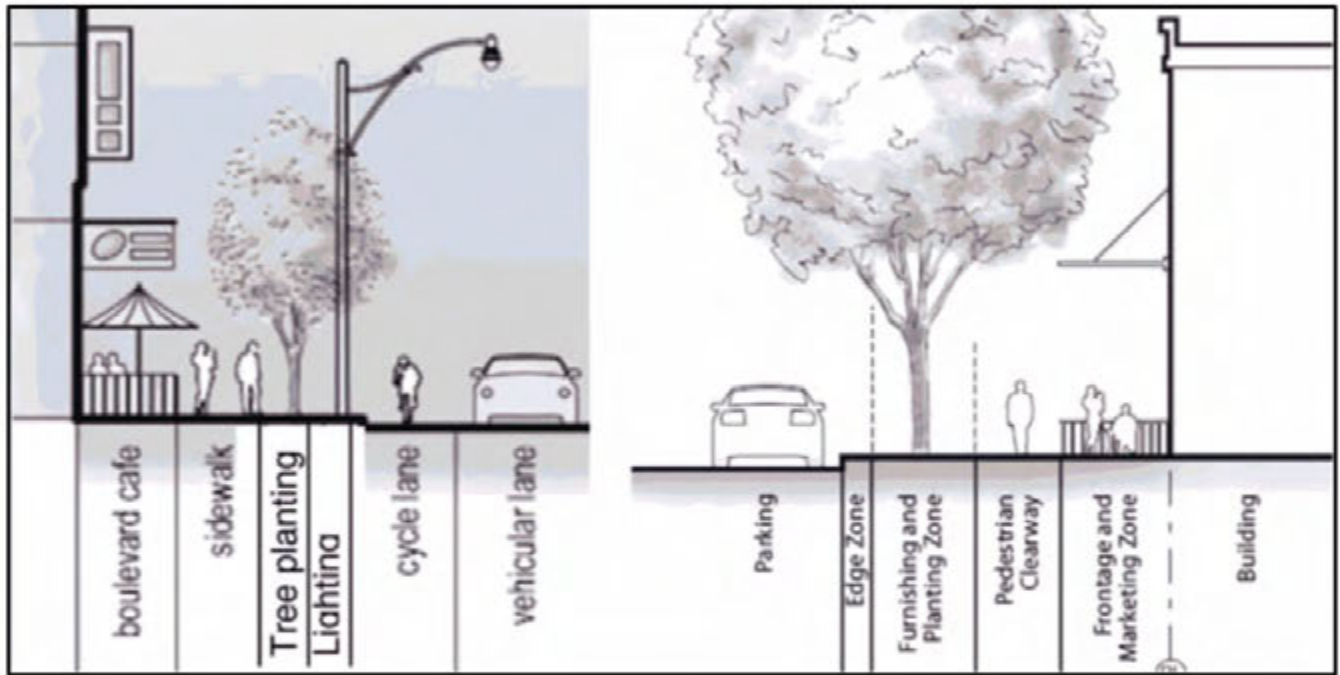
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This projects consists of several inter-related phases:</p> <p>1) Concept design (from Stafford Drive to MMD S) allows the City to conduct improvements as required when doing other rehab work or when a property redevelops. This will include landscaping plans, approximate locations and also involve public consultation to adjacent businesses.</p> <p>2) Condition assessments would be required for water, wastewater and electrical services (outside of the scope of this project). The main lines along 3 Ave South within the roadway have already been completed and so the service connections to the businesses must be assessed, as well as the condition of any electric lines or other shallow utilities located in the boulevard space. This would be completed by the respective Utility departments over the next several years.</p> <p>3) Improving the street surface to encourage pedestrian, cycling and also higher transit usage, as well as improve overall safety and landscaping within the existing 3 Ave South ROW. Sidewalk space would be modified to include both hard and soft landscaping to improve the overall streetscaping, with new decorative streetlights placed in the ROW. Transit stops would also be developed/enhanced to encourage transit use and ridership.</p>	<p>Prior to the construction of Hwy 3 (Crowsnest Trail), 3 Avenue South functioned as the major roadway through Lethbridge along Hwy 3 east and west of City limits. Since Hwy 3 was reconstructed (mid 1980s), 3 Ave South has transitioned to a commercial corridor between Scenic Drive South and Mayor Magrath Drive S (MMD). Recently, the City has updated its Municipal Development Plan/Integrated Community Sustainability Plan (MDP/ICSP), completed a Heart of Our City Master Plan, and conducted a Public Realm & Transportation Study which contributed to a concept design for 3 Avenue South, through the downtown.</p> <p>All planning studies, including the City's latest Transportation Master Plan (2012) indicated that a change is needed to encourage alternate transportation modes; walking, cycling and higher use of transit. 3 Ave South has transitioned into a successful commercial corridor with relatively few geometric changes to the roadway or sidewalks. The purpose of this project is to rejuvenate 3 Ave South into a more successful commercial corridor while increasing mode share of pedestrians, cyclists and transit users, calming traffic volumes on 3 Ave South, and improving safety. This conforms to the goals of both our MDP/ICSP and the Transportation Master Plan.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						2,100					2,100	4,200
Consultive Services		300										300
		<u>300</u>				<u>2,100</u>					<u>2,100</u>	<u>4,500</u>
Total Costs		300				2,100					2,100	4,500
Funding												
Grant - MSI Replacement Program						2,100					2,100	4,200
PAYG - Community		300										300
		<u>300</u>				<u>2,100</u>					<u>2,100</u>	<u>4,500</u>
Total Funding		300				2,100					2,100	4,500
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		0	0	0	0	0	40	40	40	40	40	

Comments



Major Program: **New Facilities**

Project Title: **4th Avenue South Enhancements**

Dept - Project #: **374**

Start Year: **2018**

End Year: **2021**



Capital Improvement Program
2018 to 2027

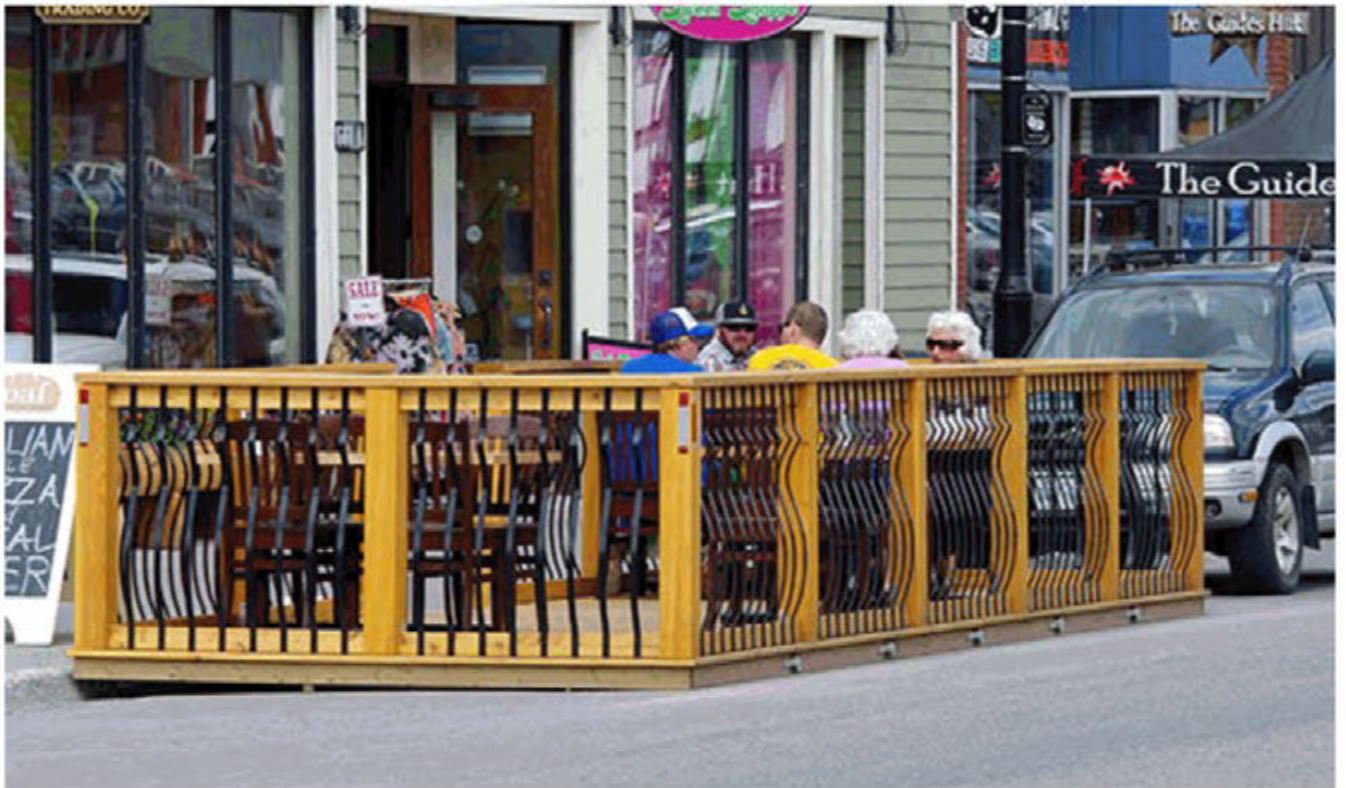
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project involves installation of new "street furniture", replacement of obsolete or worn out street furniture, replacement of trees and tree grates, refurbishing of some existing street furniture. Expanded, seasonal use of public spaces through the creation of sidewalk "bump-outs" near existing eateries will be introduced. Creation of public art sites and installation of public art works will also be considered in this project. This project would be introduced along 4th Avenue and other appropriate locations downtown.</p> <p>The improvements will be undertaken in accordance with concepts developed in the Public Realm and Transportation Study. Features include: way-finding and information kiosks, custom benches, tree replacement, tree grates and other complementary features will be installed. The project would also provide "infilling" of other areas in the Downtown where there are noticeable gaps in this type of infrastructure.</p>	<p>Both the Downtown Lethbridge Area Redevelopment Plan and the Public Realm and Transportation Study identified a number of opportunities within the Downtown to enhance the overall quality and functionality of the public realm through the provision of various basic streetscape amenities, as well as elements of distinction. This approach can be applied to both infrastructure replacement and renewal projects as well as creating opportunities to introduce new features that will facilitate and promote more pedestrian activity.</p> <p>Basic amenities are required to provide a minimum amount of pedestrian comfort to encourage and support pedestrian use. In addition to those basic elements, there are elements of distinction that can be added to provide greater articulation and meaning to a specific place.</p> <p>In a highly articulated public realm, even common utility and service requirements should be treated with greater distinction. Examples include; manhole covers, utility and traffic control boxes, street signage, sidewalk markers and crosswalks.</p> <p>With such a variety of different site elements there can be a tendency to create visual disorder if care is not taken in their selection. The strategy for the selection of streetscape elements is thus based on unifying the selected study streets through the selection of "common elements" that are simple and elegant in their character.</p> <p>The unique quality of each street is reinforced by provision of distinctive elements. It is therefore intended that there be a "public art" design approach applied to this Project. In addition, parts of Downtown would benefit from the introduction and replacement of street trees.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		100										100
Consultive Services		50										50
Equip. & Furnishings			231	213	219							663
Other			77	79	81							237
		150	308	292	300							1,050
Total Costs		150	308	292	300							1,050
Funding												
PAYG - Community		150	308	292	300							1,050
		150	308	292	300							1,050
Total Funding		150	308	292	300							1,050

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **New Facilities**Project Title: **Nikka Yuko Japanese Garden Programming & Community Facility**Dept - Project #: **393**Capital Improvement Program
2018 to 2027Start Year: **2018**End Year: **2019**

Description & Location	Purpose & Justification
<p>This project is the design and construction of a new multi-purpose facility at the Henderson Lake Park - Nikka Yuko Japanese Garden, Mayor Magrath Drive South.</p> <p>The proposed facility will enhance both Nikka Yuko Japanese Garden and Henderson Lake Park visitor experiences by:</p> <ul style="list-style-type: none"> • Providing garden visitors with new and improved cultural, historical, horticultural and other related programming and exhibits outside the Garden. • Providing a venue for event and meeting space for public and private functions taking place in the Community, the Park, or the Garden. <p>The building is proposed to be located east of the parking area along the long formal walkway entry in to the Garden. In keeping with the aesthetics of the Garden, the building could have the Japanese inspired design similar to the local Buddhist temple.</p> <p>The proposed facility is approximately 465 square metres with year round accessible public washrooms.</p>	<p>The Nikka Yuko Centennial Garden, better known as the Nikka Yuko Japanese Garden (the Garden) was established during Canada's 1967 Centennial. It was built to recognize contributions made by citizens of Japanese ancestry to the multi-cultural community of Lethbridge. It was built as a "Canadian Garden in the Japanese style."</p> <p>In 2015 the Garden was designated as a Historical Municipal Resource. In 2017 the Garden is celebrating its 50th Anniversary and hosting one of the City's Canada 150 sesquicentennial celebrations. The Garden successfully completed its inaugural Winter Lights Festival this winter.</p> <p>The Garden is owned and maintained by the City of Lethbridge. The Lethbridge and District Japanese Garden Society, a volunteer not-for-profit organization operates the Garden and provides the programming and exhibits through a service agreement.</p> <p>The Garden Society received a generous \$100,000 donation from a long-time Garden supporter. The University of Lethbridge Marketing Research class was tasked with researching possible uses for the donation. After a number of studies, the collective result was the recommendation for the donation to be used towards a multi-purpose facility where all visitor experiences could be enhanced. \$90,000 has been earmarked for this project.</p> <p>This project will improve the entrance, improve and enhance programming outside the Garden and serve as an event/meeting space for the Community.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			2,267									2,267
Consultive Services		237	77									314
Equip. & Furnishings			218									218
Other		36	85									121
		273	2,647									2,920
Total Costs		273	2,647									2,920
Funding												
Fundraising		90										90
Grant - Federal Gas Tax Fund (FGTF)		156	2,382									2,538
PAYG - Community		27	265									292
		273	2,647									2,920
Total Funding		273	2,647									2,920
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	79	80	81	83	84	85	87	88	

Comments



Major Program: **New Facilities**

Project Title: **Crossings Branch Expansion and Enhancement**

Dept - Project #: **403**

Start Year: **2018**

End Year: **2023**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Crossings Branch - Lethbridge Public Library, 255 Britannia Blvd. West. An expansion and enhancement of the current Crossings Library facility is needed to improve the space to ensure it is customer-focused and meets the safety and comfort needs of all customers. Expansion of the Crossings Branch into the undeveloped space of 2588 square feet will include extending the children's area, the creation of a new public meeting room, development of the outdoor patio space and a strategic redesign of the library to ensure that teens, families and their children have convenient and safe access to washroom facilities, programming space and staff support while at the Library. The project also includes an upgrade to the ventilation system which is currently insufficient to keep the library cool during the summer months. Along with the proposed changes to facilities, additional furnishings will be sourced and purchased.</p> <p>Collections will be sourced and purchased in accordance to the collection development plan created for the expanded space.</p> <p>Out-of-scope for the project would be any changes for the Lethbridge Public Library's Main Branch or Bookmobile and any work that is not defined as in-scope in the above paragraph.</p>	<p>The Crossings Branch provides services to meet the needs of the growing population of west Lethbridge, who are geographically isolated from the rest of the City. The Crossings Branch was built with a target population in west Lethbridge of 34,000 by 2031 – this population size has already been surpassed.</p> <p>The current size, layout and use of the branch can cause issues for the family oriented population that uses it. The children's area is too small in size to accommodate programming and its high volume of use. In addition, some families that visit the children's area experience accessibility issues to washrooms and staff. The teen area is too closely situated to the children's area for the comfort of many families and does not provide any sound barrier to the rest of the library. The cooling system is insufficient and causes heat exposure concerns for customers and staff during the summer months. In addition, the outdoor patio space is not currently usable for library purposes and current use of the space makes some customers uncomfortable entering and using the library.</p> <p>As outlined in the Library's current Plan of Service (2017-2021) the Library's first strategic goal is "Community Needs are Met through Responsive Library Services". This goal includes strategies for meeting emerging community needs as we see our city grow and change and includes removing barriers to library use where possible – good space design is key to this.</p> <p>The expansion and enhancement of the Crossings Branch is a cost-effective and expedient way to improve library services for Lethbridge residents.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		187					574					761
Consultive Services		21				47	18					86
Equip. & Furnishings							184					184
Other		4					15					19
		212				47	791					1,050
Total Costs		212				47	791					1,050
Funding												
Grant - Federal Gas Tax Fund (FGTF)		191										191
Grant - MSI Replacement Program						47	791					838
PAYG - Community		21										21
		212				47	791					1,050
Total Funding		212				47	791					1,050
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	0	19	20	20	20	

Comments



Major Program: **New Facilities**Project Title: **Legacy Park (Additional Amenities)**Dept - Project #: **292A**Start Year: **2019**End Year: **2021**
CITY OF
Lethbridge

 Capital Improvement Program
 2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The beginning stages of planning for the development of Legacy Park included a comprehensive public consultation process where a number of amenities were identified and then prioritized by the public for inclusion in the park. The design process includes many of the highest ranked park features to create a park that truly reflects the needs and desires of the community.</p> <p>After initial phases of development the items that remain to be constructed include: Spray Park, Group picnic shelter and public washrooms, Ornamental garden, Parking lot expansion, Internal roadway, and additional drop in picnic sites.</p> <p>The approved concept plan also includes a café /indoor-garden that will be feasible in the long term when the population expands in the area.</p>	<p>At the August 19, 2013 Council meeting, City Council approved the concept plan for the park and gave direction to move towards detail design and construction. With the exception of the café and greenhouse, this will complete construction and provision of the approved concept plan.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			2,098	1,351	2,182							5,630
			2,098	1,351	2,182							5,630
Total Costs			2,098	1,351	2,182							5,630
Funding												
Grant - Federal Gas Tax Fund (FGTF)			1,518	1,248	2,182							4,947
PAYG - Community			580	103								683
			2,098	1,351	2,182							5,630
Total Funding			2,098	1,351	2,182							5,630
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	124	127	131	135	139	143	148	152	
Est. GHG Emissions (t CO2e)		0	0	0	0	0	0	0	0	0	0	

Comments



Major Program: **New Facilities**

Project Title: **New Fire Station #5 - West**

Dept - Project #: **380**

Start Year: **2018**

End Year: **2020**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Construct a new Fire Station (#5) in the south end of west Lethbridge.</p> <p>Potential sites have been identified in the Waterbridge (Watermark) Area Structure Plan. It is anticipated that the functional and design effort for this 5th Station for the City of Lethbridge will mirror the effort for the replacement of the Fire Station in south Lethbridge. A new facility of approximately 1,200 m2 is required on a parcel of about 1.5 acres in size. This building would include three drive through apparatus bays and sufficient space for parking and fire ground training .</p> <p>The staging of this project is contingent upon two key constraints. Lethbridge Fire and Emergency Services will require, as a minimum, three consecutive years of recruiting to fill the new positions required by this project and manage normal staff attrition. Additionally, the road and utility network connecting the preferred site to existing roadways will require completion.</p>	<p>The current #2 Station located on Whoop Up Drive was completed in 1980. At the time of opening, the population in west Lethbridge was approximately 4,000; today, the population is nearing 40,000. The Fire Master Plan identifies that an additional fire station is required to serve west Lethbridge. This station would provide an additional fire truck and ambulance to west Lethbridge.</p> <p>Pressures impacting the emergency response in west Lethbridge include:</p> <ol style="list-style-type: none"> 1. Increasing demand for emergency medical and fire services in west Lethbridge. 2. Challenges in meeting the desired response time at the extreme north and south borders of west Lethbridge are compounded by growth because the resources deployed from #2 Station are isolated from the normal overlap in response time as seen in the rest of the city. 3. Continued population growth, residential and commercial development, and the expanding the footprint of the city. 4. Escalating vehicle traffic, limited arterial connectors and curvilinear/cul-de-sac street patterns. 5. Geographic isolation to other emergency response resources. 6. Development of facilities with high life hazards and vulnerable populations (senior facilities). 7. Protecting the urban/wildland interface. <p>The addition of a second fire station located in the south end of west Lethbridge will improve response times for this side of the city. Further, the location of additional firefighting resources in that part of the city will dramatically improve the time it takes to assemble enough resources, both firefighters and equipment, to deal with residential or wildland fires.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		1,145	4,045	1,978								7,168
Consultive Services		617	120	56								793
Equip. & Furnishings				2,131								2,131
Other		38	135	35								208
		<u>1,800</u>	<u>4,300</u>	<u>4,200</u>								<u>10,300</u>
Total Costs		1,800	4,300	4,200								10,300
Funding												
Grant - Municipal Sustainability (MSI)		1,620	3,870	3,780								9,270
PAYG - Community		180	430	420								1,030
		<u>1,800</u>	<u>4,300</u>	<u>4,200</u>								<u>10,300</u>
Total Funding		1,800	4,300	4,200								10,300
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		969	2,167	4,473	5,239	5,399	5,564	5,733	5,910	6,082	6,259	

Comments



LEGEND

- OUTLINE PLAN BOUNDARY
- LOW DENSITY RESIDENTIAL
- MEDIUM DENSITY RESIDENTIAL
- COMMERCIAL
- OPEN SPACE
- SCHOOL SITE
- NEIGHBOURHOOD NODE
- NON-CREDIT OPEN SPACE
- FIRE/EMS
- STORMWATER MANAGEMENT AREA
- EXISTING UTILITY SUBSTATION



Major Program: **New Facilities**

Project Title: **Fire Station #3 - 16th Ave S. Relocation and 911 Backup**

Dept - Project #: **301a**

Start Year: **2022**

End Year: **2024**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will replace the existing 53-year old #3 Fire Station on 16th Avenue South with a new Station in south Lethbridge. A new facility of approximately 1,200 m2 is required on a parcel of about 1.5 acres in size. This building would include three drive through apparatus bays and sufficient space for parking and fire ground training.</p> <p>The Fire Master Plan recommends the replacement of this Station in order to effectively manage current and future response capability. The emergency vehicles responding from the current station are some of the busiest in the city. Their area of responsibility includes many higher risk institutions with vulnerable populations and a growing retail sector. The Station in south Lethbridge is integral as part of the second and third tiers of response capacity elsewhere in the city. The Fire Master Plan has modeled these historical and future response needs and has provided the recommendations for its relocation. As fire stations provide uninterrupted services 24 hours/day, the facility will include the regular amenities and office space for daily activities as well as allocated spaces for training, health and wellness initiatives.</p> <p>The current Station #3 in south Lethbridge will be re-purposed by removing the dormitory area and replacing it with a large space for the backup dispatching centre. The bay area will be converted to space for a radio repair shop.</p>	<p>Fire Station #3 (16th Avenue South) was commissioned and built in 1963 to serve the needs of south Lethbridge. To reliably meet these demands for the next 50 years a new facility is proposed. Service pressures that have emerged in south Lethbridge include:</p> <ol style="list-style-type: none"> 1. Development of facilities with high life hazards and vulnerable populations (hospital and senior facilities). 2. Commercial growth and intensive retail development. 3. Increasing vehicle traffic proportional to the proximity of major highways 4 & 5, Mayor Magrath Drive, Scenic Drive and the future development of the CANAMEX superhighway. 4. New residential and urban fringe development expanding the footprint of the city southward. 5. Inadequate functionality for emergency vehicle deployment. No future opportunity to expand staff, ambulances or redeploy larger vehicles. <p>Currently, Fire Station #3 has surpassed its adequacy to functionally support current and projected service demands. A replacement station located south of the current location will serve to ensure ten-minute response times are maintained as the city expands southward. By modernizing its design and expanding its size, the new station will support all types of required response vehicles.</p> <p>The current back up to the 911 Centre is in the basement of the old court house. Its close proximity to the primary 911 Centre (in Fire HQ) does not make it a viable back up to hazards that could impact the primary 911 Centre. New 911 regulations stipulate that the back up site must be geographically separated for this very reason. The City's current radio shop maintains is co-located with the Traffic Signals department. With only one bay for vehicles, it limits the ability to service two vehicles at once.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						1,237	4,465	2,817				8,519
Consultive Services						695	135	142				972
Equip. & Furnishings								707				707
Other						43	151	131				325
						<u>1,975</u>	<u>4,751</u>	<u>3,797</u>				<u>10,523</u>
Total Costs						1,975	4,751	3,797				10,523
Funding												
Grant - MSI Replacement Program						1,975	4,751	3,797				10,523
						<u>1,975</u>	<u>4,751</u>	<u>3,797</u>				<u>10,523</u>
Total Funding						1,975	4,751	3,797				10,523
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	
Projected Net Operating Costs		0	0	0	0	0	0	209	212	215	219	

Comments



Fire Station #3, 1964



Fire Station #3, 2016

Major Program: **New Facilities**

Project Title: **Yates Enhancement**

Dept - Project #: **306**

Start Year: **2022**

End Year: **2023**



Capital Improvement Program
2018 to 2027

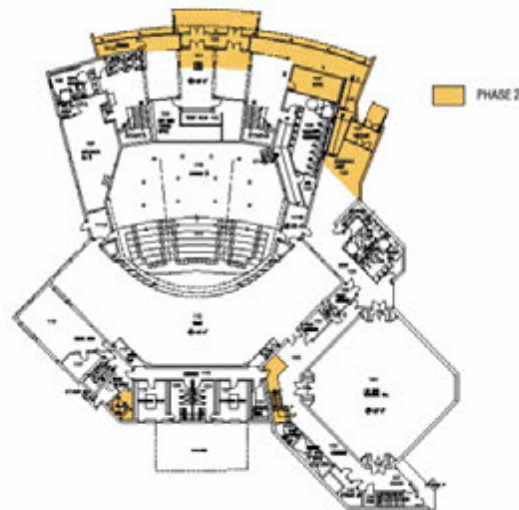
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project (Yates Enhancement) was identified in the previous CIP 2014-2023 D-35 and earmarked for the 2018-2021 CIP window.</p> <p>This project is the renovation and expansion of the Yates & Sterndale Bennett Theatres.</p> <p>This project includes:</p> <ul style="list-style-type: none"> • Construction of Yates east side second floor addition • 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. This work will complete the renovations and enhancement works contemplated in the functional assessment.</p> <p>The proposed Yates Enhancement project will expand gathering space in the lobby areas for both theatres, adds needed meeting/rehearsal spaces, and improves the back of house spaces needed to support the performances.</p> <p>Project D-14 (Yates Renewal) from the 2014-2023 CIP is currently underway and will improve the various performance spaces and lobby spaces, as well as visitor accessibility and the overall experience. This will be accomplished by audio/visual systems upgrades, acoustic treatment installations, barrier free washroom upgrades, elevator additions, and seating replacements. Building mechanical and electrical systems and architectural finishes will also be renewed.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction							9,264					9,264
Consultive Services						1,225	515					1,740
Equip. & Furnishings							105					105
Other						5	206					211
						1,230	10,090					11,320
Total Costs						1,230	10,090					11,320
Funding												
Grant - MSI Replacement Program						1,230	10,090					11,320
						1,230	10,090					11,320
Total Funding						1,230	10,090					11,320
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	0	121	122	122	123	

Comments

Yates Enhancement



**Phase 2
GROUND FLOOR PLAN**
DECEMBER 4, 2012

Major Program: **New Facilities**

Project Title: **Galt Gardens Reconstruction**

Dept - Project #: **378**

Start Year: **2022**

End Year: **2025**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Galt Gardens is located in Downtown Lethbridge between 1st and 3rd Avenue South and 5th and 7th Street South.</p> <p>The Galt Gardens reconstruction project has been created to implement the Galt Gardens Master Plan that was completed in January 2017. The project could be carried out in three phases over four years.</p> <p>Phase 1 (2.2 million) – Preliminary works & removals; curbing & associated works; grading; pathways installation; lighting; furniture; new vegetation; restrooms/food & info kiosks; associated consulting services.</p> <p>Phase 2 (2.7 million) – Relocate train; playground sculpture; restroom/info & food kiosks; open air pavilion/gazebo; lighting; new water feature; new plaza signage; & entry features; intensive landscaping; associate consulting services.</p> <p>Phase 3 (1.2 million) – Pergola plaza redevelopment; info & food kiosks; wayfinding signage; public art; associated consulting services.</p>	<p>Several improvements to the south half Galt Gardens have been undertaken over the past decade. In the meantime, both the built and natural infrastructure of the north half of the park have been deteriorating. At the same time emerging social gathering trends and recreation needs of the community have evolved and the historic and public realm aspects of this iconic City park have gained prominence. In addition, community entities have indicated an interest in contributing resources towards projects in a manner similar to the Rotary Centennial Plaza and water feature.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction							1,604	1,816	738			4,158
Consultive Services						158	15	196				369
Equip. & Furnishings							21	179	92			292
Other						39	410	540	362			1,351
						<u>197</u>	<u>2,050</u>	<u>2,731</u>	<u>1,192</u>			<u>6,170</u>
Total Costs						197	2,050	2,731	1,192			6,170
Funding												
Grant - MSI Replacement Program						197	2,050	2,731	1,192			6,170
						<u>197</u>	<u>2,050</u>	<u>2,731</u>	<u>1,192</u>			<u>6,170</u>
Total Funding						197	2,050	2,731	1,192			6,170
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	110	114	117	

Comments

GALT GARDENS MASTER PLAN



LEGEND

- A - Great Lawn
- B - Relocated Locomotive #3651
- C - Washroom / Info / Storage
- D - Interpretive Sculpture / Play Area
- E - Potential Area for Future Programmed Sports
- F - Water Feature
- G - Quiet Gathering Areas
- H - Enhanced Promenades
- I - Entry Markers
- J - Open Air Pavilion / Stage
- K - Tensile Roof Structure
- L - Paved Plaza
- M - Sculpture Garden
- N - Shaded Allée Walk

PREFERRED CONCEPTUAL DESIGN PLAN VIEW - RENDERED



GALT GARDENS MASTER PLAN



LEGEND

- PHASE 1**
 - PRIMARY PATHWAYS
 - TREES
 - KIOSK/BATH-ROOM/STORAGE
 - MEMORIAL GARDENS
- PHASE 2**
 - SECONDARY PATHWAYS
 - TRAIN RELOCATION
 - TREES
 - WATER FEATURE
 - ENHANCED PLAZAS
 - ADDITIONAL KIOSKS
 - PAVILION
 - ADDITION PLAZAS
- PHASE 3**
 - PLAZA
 - SAIL STRUCTURE
 - ADDITIONAL KIOSK

PREFERRED CONCEPTUAL DESIGN PROJECT PHASING PLAN - FEATURES



Major Program: **New Facilities**

Project Title: **Arena Replacement**

Dept - Project #: **304**

Start Year: **2024**

End Year: **2027**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The project would include the construction of a twin rink facility and the subsequent demolition of the Civic Ice Centre.</p> <p>The project would include the following tasks:</p> <ul style="list-style-type: none"> - Consultation with user groups and general public - Design and construct the new twin ice - Demolish the existing Civic Ice Centre 	<p>Previous CIP 2014-2023 (D-22) identified the need for a twin ice surface to offset the replacement of the Civic Ice Centre and the Adams Ice Arena. The project was earmarked for the 2018-2021 CIP window.</p> <p>Since then, the initial concerns with the Adams Ice Arena roof identified in the previous CIP have been alleviated with reinforcement work undertaken in 2015. With continued maintenance at both the Civic Ice Centre and Adams Ice Arena, both facilities will reliably meet the City's ice needs for the short term. Therefore, their replacement can be deferred on that basis. However, both facilities are over 50 years old and no longer meet current functional requirements. Furthermore, the City will require additional ice surfaces with continued growth in the community.</p> <p>The arena replacement strategy moving forward would be to replace single rink facilities with multi rink facilities as these are less expensive to operate on a per rink basis.</p> <p>A twinned arena facility available for non-ice sports requiring a large dry floor surface over the summer months will benefit the various non-ice user groups, including: lacrosse, roller derby, tennis, baseball and floor hockey.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction								2,570	15,070	14,797	983	33,420
Consultive Services								2,069	514	400		2,983
Equip. & Furnishings										336		336
Other								36	337	119		492
Total Costs								4,675	15,921	15,652	983	37,231
Funding												
Grant - MSI Replacement Program								4,675	15,921	15,652	983	37,231
Total Funding								4,675	15,921	15,652	983	37,231
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	0	527	

Comments



Major Program: **New Facilities**

Project Title: **Royal View Memorial Cemetery (Phase 2)**

Dept - Project #: **382**

Start Year: **2025**

End Year: **2026**



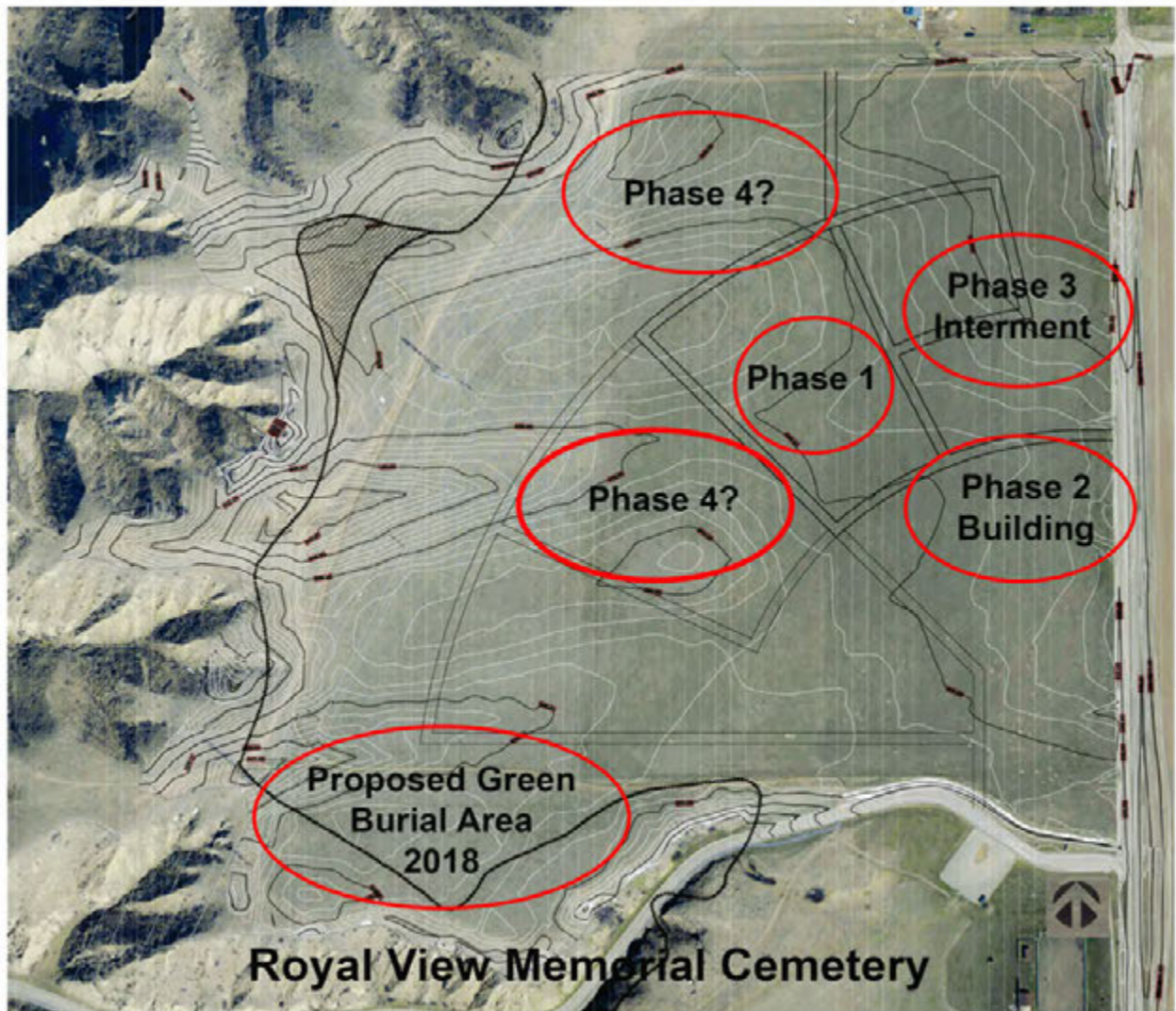
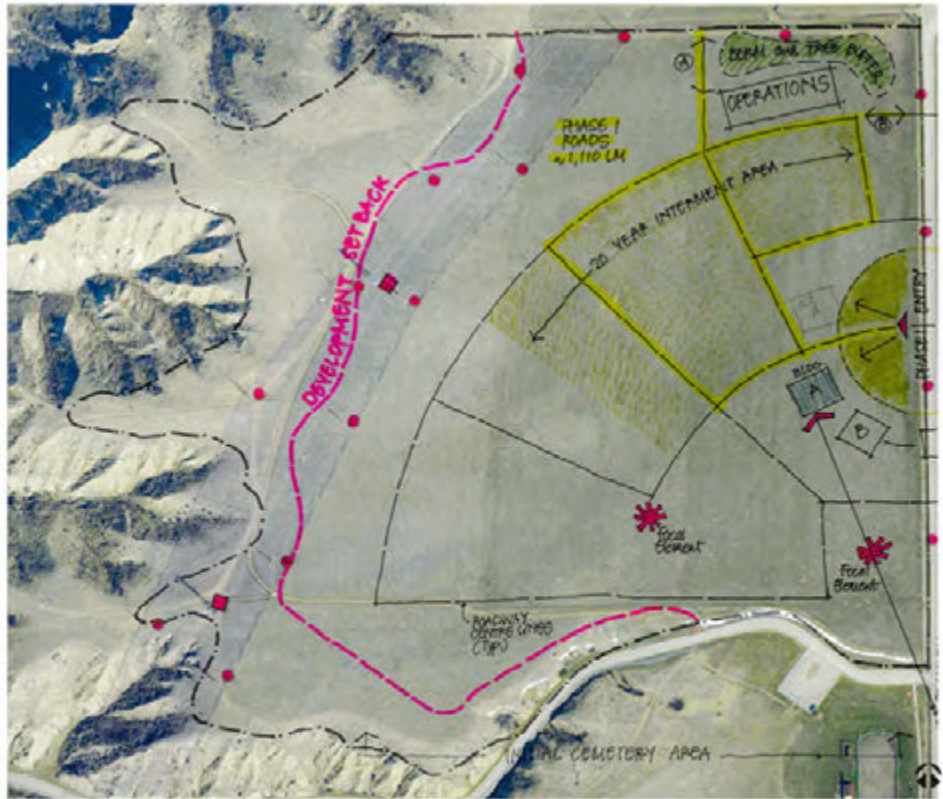
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project is the design and construction of an administrative building including the necessary amenities for cemetery administration and community use space.</p> <p>The timing of the design and construction for the administration building is proposed for 2025-2026.</p> <p>Phase 3 (2032) will include the design and installation of the irrigation for the already built interment area (constructed in Phase 1). Existing dryland grasses and wildflowers will be seeded to irrigated turf.</p> <p>Future phases are also identified in the attached map.</p>	<p>In 2011, City Council approved the Cemetery Services Master Plan. This plan identified the primary planning parameters for Royal View Memorial Cemetery (RVMC). In the first phase, an interment area was developed to provide capacity for the initial 20 years along with site features and a maintenance shop and yard.</p> <p>Phase 2 includes the design and construction of a building for on-site administration (offices, a reception area, meeting rooms, washrooms and parking). A flexible community use space is also considered which could be rented out as a celebration hall, providing a venue for funerals, memorials and formal events, as well as less formal gatherings and community functions.</p> <p>The new building will allow for Cemetery Services to transition from Mountain View Cemetery (MVC) to RVMC as plot sales shift to RVMC. Interments at MVC will continue for the foreseeable future.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction										2,146		2,146
Consultive Services									226	62		288
Equip. & Furnishings										215		215
Other									36	92		128
									262	2,515		2,777
Total Costs									262	2,515		2,777
Funding												
Grant - MSI Replacement Program									262	2,515		2,777
									262	2,515		2,777
Total Funding									262	2,515		2,777
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	0	82	

Comments



Major Program: **New Facilities**

Project Title: **Performing Arts Centre**

Dept - Project #: **307**

Start Year: **2018**

End Year: **2022**



CITY OF
Lethbridge

Capital Improvement Program
2018 to 2027

<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.</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 was previously estimated to be approximately \$60 million depending on the timing of construction. Capital cost estimates will be revised based on information gathered in the review described below. City Council has contingently committed \$10 million towards the total cost of this project as described in the resolution below.</p> <p>A Performing Arts Centre Study (\$375,000) will review previous performing arts studies, recommend options for a facility location, assess operating model options and determine financial costs for construction and operating the facility. The net operating costs projected below will also be reviewed and updated as a result of the study.</p>	<p>The need for a Performing Arts Centre has been identified since the study conducted by PERC was completed in 2000. Recreation and Culture Master Plans, in 2007 and 2013, also included a Performing Arts Centre as a need in the city.</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. The study contained recommendation, a needs assessment, 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 reduction in the size from 1,250 to 950 seats.</p> <p>Today in Lethbridge the current theatre, Genevieve E. Yates Memorial Centre is booked to capacity and cannot accommodate additional bookings or new performance opportunities.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						64,500						64,500
Consultive Services		375				6,800						7,175
Equip. & Furnishings						4,700						4,700
Other						1,300						1,300
		375				77,300						77,675
Total Costs		375				77,300						77,675
Funding												
Grant - MSI Replacement Program						77,300						77,300
Grant - Municipal Sustainability (MSI)												
Reserve - Operating		375										375
		375				77,300						77,675
Total Funding		375				77,300						77,675
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	1,921	1,954	1,988	2,024	2,060	

<u>Comments</u>
<p>The following resolution was passed by City Council on November 2, 2020: BE IT RESOLVED THAT City Council direct the Performing Arts Centre Steering Committee finalize the business plan and to update the project estimate, including site requirements, for a traditional Performing Arts Centre (CIP Project D-34), within the approved budget of \$375,000.</p>



Major Program: **Planning**

Project Title: **Indigenous Cultural Centre Study**

Dept - Project #: **386**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>An Indigenous Cultural Centre study would include a feasibility plan, finding a location and community consultation. This would require "best practice" research throughout Canada learning from other sustainable examples of Indigenous cultural centres. This would be an initial community research phase with an opportunity for meaningful community engagement and planning.</p> <p>Elders would be consulted to locate a space that is culturally accessible to the Blackfoot people and research on creating an inclusive space for all urban Indigenous citizens: Metis, First Nations and Inuit. A design of the building would also need to be culturally relevant, situated in an accessible space (downtown) and built on a model of sustainability. Connection to the land is extremely important to Indigenous people as their spirituality and knowledge based practices have a extremely close connection to the land.</p> <p>The cultural centre would act as a place for education and awareness for the community, a space for meaningful daily cultural activities, support local tourism ventures, provide economic opportunities for Indigenous people and become a cultural space in our community. The Indigenous Cultural Centre has the potential to collaborate, partner and support businesses, services and policing in the downtown. As well as provide a safe space for our Indigenous population to engage their culture and be an advocate for reconciliation and relationship building in our community.</p>	<p>The Urban Indigenous Interagency Committee, which is lead by Native Counselling Services of Alberta; has worked collaboratively to create an "Urban Indigenous Community Action Plan (2016)" that recognized the ongoing needs, gaps and concerns for Indigenous people in Lethbridge. One area mentioned in the plan was a need to work towards being a community built on principles of reconciliation. Another avenue to be explored was cultural programming, cultural competency and health and well being. Through research it was identified by the Joint Action Team (JAT) that an Indigenous Cultural Centre should be considered a valuable asset in our community. This centre would serve as a place to educate and promote awareness through cultural programming and would be a first of its kind in the city. Elders, cultural leaders and community groups would have a space to tell their story and share their culture with the rest of the community.</p> <p>The Lethbridge Community Outlook Report (2015-2022) indicates a rapid growing Urban Indigenous population in Lethbridge. As well, Lethbridge is situated beside the largest reserve in Canada, the Kainai First Nation, which also has a vast membership and continuing mobility from the reserve to the urban centre. There is a large need for education, awareness, cultural competency and a safe space in our downtown for the Indigenous community and to work with the patrons that frequent downtown.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		300										300
		300										300
Total Costs		300										300
Funding												
Reserve - Operating		300										300
		300										300
Total Funding		300										300

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Planning**

Project Title: **Recreation and Culture Master Plan Update**

Dept - Project #: **390**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

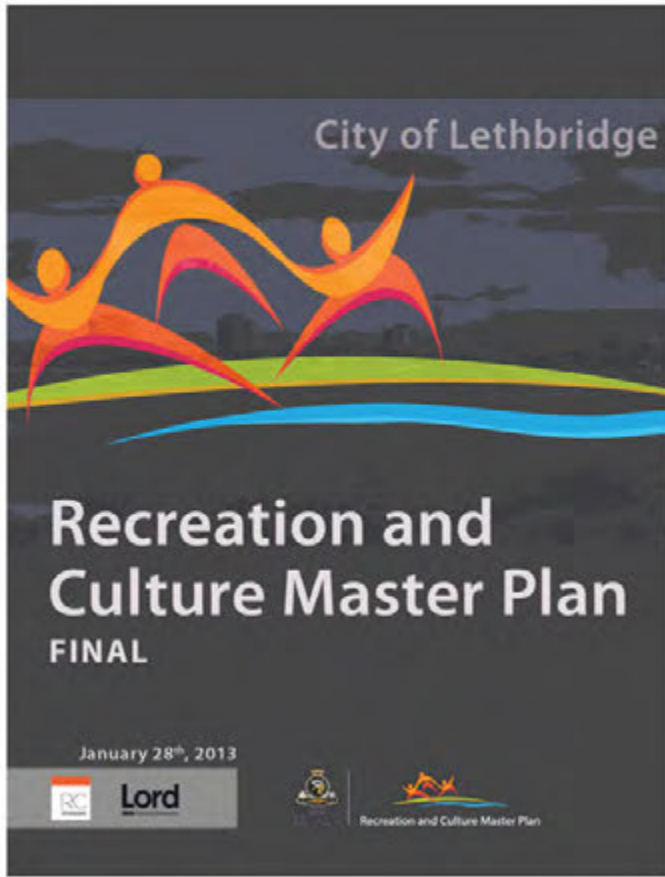
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The project will consolidate and update both the 2007 Recreation and Culture Facilities Master Plan and the 2013 Recreation and Culture Master Plan. The work is city-wide and encompasses Recreation and Culture facilities and programming and services. The proposed work includes;</p> <ul style="list-style-type: none"> - A brief review of outcomes and recommendations from the two Master Plans - Provide a review and assessment of current recreation facilities, structural and programmatic areas to assess functionality, ongoing viability and options for facility redevelopment - Develop and/or provide best practices associated with investing in the existing and new infrastructure - Outline common expectations for recreation and culture within the City through engagement and consultation, including gathering data and information from groups and organizations providing recreation and leisure programs and services to residents - Expand on and further develop the 2013 Master Plan "Planning Triggers". Describe current and define service levels - Describe current demographic profiles, services, programs and infrastructure and develop future state(s) options for each, including a time line and strategy to address City growth and expansion - Research and develop formal policies for Council consideration - Research and identify program gaps and strategies to address based on City of Lethbridge service delivery model 	<p>Master Planning exercises and regular updates on the status of facilities and associated infrastructure, programming and services needs support the City of Lethbridge as it grows and expands, both physically and demographically. The work conducted helps the City to stay current and on top of condition of physical assets, assess facilities' suitability for current and future programming needs, as well as understanding the community's changing needs and desires related to recreational and leisure time.</p> <p>The reviews and updates support the City of Lethbridge's commitment to a healthy and diverse City that is culturally vibrant. The City continues to consider needs, planning for and implementing changes that support the overall system of recreation and culture provided to residents of the City.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		350										350
		350										350
Total Costs		350										350
Funding												
Reserve - Operating		350										350
		350										350
Total Funding		350										350

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Planning**

Project Title: **Accessibility Master Plan**

Dept - Project #: **400**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will involve the development of an Accessibility Master Plan (AMP) encompassing public right-of-ways at City owned facilities, in parks, etc. and connections from private to public realm.</p> <p>Background: In 2013, a Mobility/Accessibility Working Group was formed with representation from various business units. Since the group's inception, various accessibility improvements were implemented and are still in progress. A few such examples include low floor accessible transit buses, pathway improvements in parks and picnic areas, revised Land Use Bylaw to improve accessibility in new developments, accessibility retrofits to City owned facilities, and sidewalk ramp improvements. After several years of identifying and completing these improvements, the working group is at a point at which a more strategic focus is required to tie mobility/accessibility together with corporate initiatives and goals.</p>	<p>The purpose of this project is to establish a strategic plan to ensure the greatest level of access for people with physical, sensory and cognitive disabilities. It is important that the City provides equal access to all residents regardless of their ability.</p> <p>There have been considerable accessibility improvements in the past few years. However, the needs for a long term strategic plan to bring together current initiatives and establish future goals is important for continued success.</p> <p>The scope of the AMP will align with City Council's strategic goal #3 and #4. The AMP will also incorporate applicable principles from the Integrated Community Sustainability Plan/Municipal Development Plan and Cycling and Transit Master Plans. In addition, to maintain continuity and priority, the existing initiatives for accessibility improvements will be documented, along with corporate and departmental goals and measurable targets for the next 5-15 years. The AMP will also provide future direction to other programs and initiatives within the community.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		350										350
		350										350
Total Costs		350										350
Funding												
Reserve - Operating		350										350
		350										350
Total Funding		350										350
Estimated Debt Charges												
Projected Net Operating Costs												

Comments



Major Program: **Planning**

Project Title: **River Valley Accessibility Study**

Dept - Project #: **388**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>A contractor will work with City of Lethbridge staff from various areas, as well as citizens, to complete a feasibility study on specialized transportation to the valley. The specialized transportation study will include:</p> <ul style="list-style-type: none"> - Assessment of various transportation methods in/out of the valley including an inclined railroad/funicular railway, motorized streetcar or other - Ability to tell the history of the region through the transportation - Presentation of required capital and operating costs - Cost recovery potential - Environmental impact assessment - Community engagement and input 	<p>The Galt Museum & Archives Strategic Plan 2014-2024 requires a facility vision and strategy be developed by 2017. River valley transportation was part of the 2004 development of the Galt facility and remains an outstanding concern. The River Valley Accessibility project is initiated based on citizen and visitor demand for access to the valley floor. Currently, citizens who are not able to walk the hillside paths and who do not have a vehicle cannot access Lethbridge's urban River Valley park. With Council's increased priority to tourism, the recognition of the need for visible heritage and the commitment to accessibility, the question of river valley access remains a priority.</p> <p>The need to enhance access will be combined with other initiatives inside the City. The access project will enhance the economic development work on tourism and sense of place for our region. Access to the Fort, our enhanced park areas and the expanded Nature Centre will also be served by specialized transportation into this area. Support to bicycle and other recreational users will also be included in the study.</p> <p>The study will be provided to decision-makers with information about the possible installation of specialized transportation such as an inclined rail or cable type mechanisms to the river valley that would support access for persons with disabilities, seniors, tourists, bicyclists, and citizens.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Consultive Services		100										100
		100										100
Total Costs		100										100
Funding												
Reserve - Urban Parks		100										100
		100										100
Total Funding		100										100

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Community Groups**

Project Title: **SAAG Facility Enhancements**

Dept - Project #: **404**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2018 to 2027

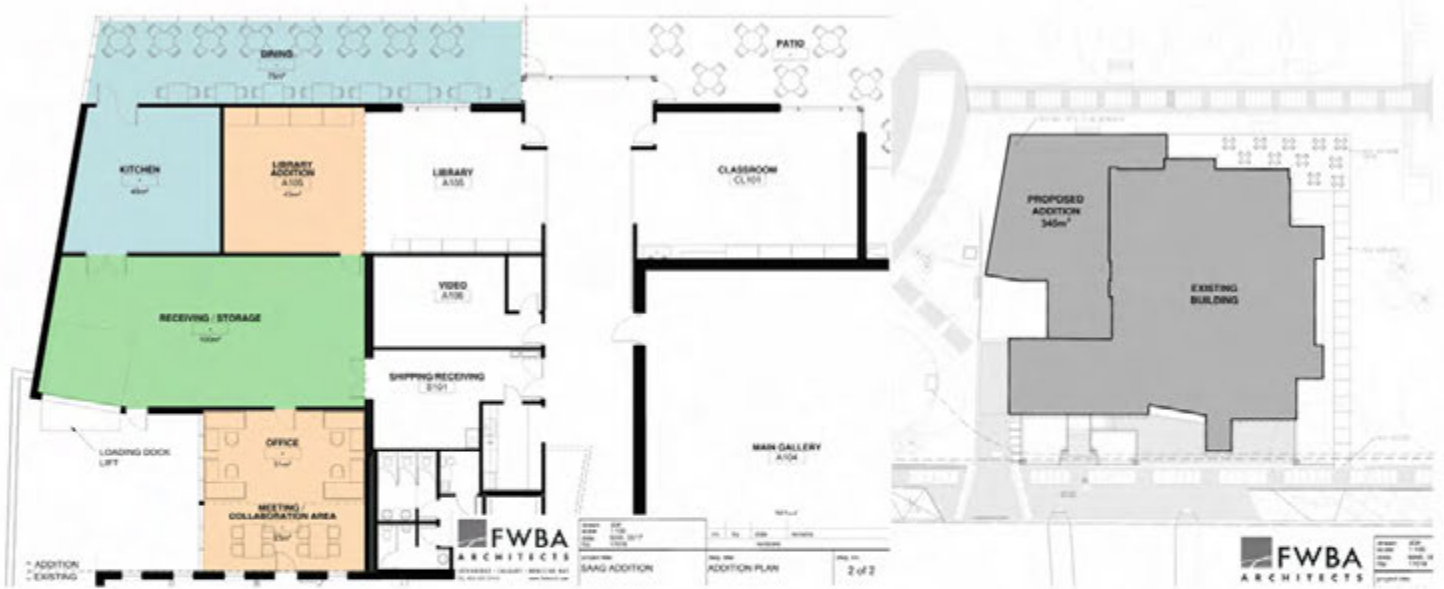
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>SAAG is proposing 350 square meters of new space for programming, operational and administrative improvements; and further, the addition of a park-oriented restaurant space to be leased by a third-party. This includes:</p> <ol style="list-style-type: none"> 1. The Learning Commons: A public engagement “makerspace” combining our library resources with creative and innovative workstations. 2. Environmental Storage Space and Functional Loading dock: consolidate off-site storage with an environmentally controlled, safe, and secure on-site location that is easily accessible through a functional loading dock. 3. Expanded Administrative Office Space & Common Room: Currently at capacity, SAAG requires more staff and administrative space to better meet the needs of our community and fee-for-service agreement. 4. A Park-oriented Restaurant: SAAG envisions a restaurant offering panoramic views of Galt Gardens, with a large multi-use patio. A restaurant will be an enormous cultural, social and economic draw for the gallery and the downtown community, and will serve as as a significant and sustainable revenue stream for SAAG. <p>This proposal sees an extension on the north and northwest perimeter of SAAG’s current facility. The majority of the added space repurposes the current SAAG staff parking lot with modest expansion north into Galt Gardens.</p>	<p>In 1976, the Southern Alberta Art Gallery opened its doors with a mission to present the work of innovative and intuitive artists who pushed the boundaries of their discipline, to encourage broad public engagement, and to promote awareness and exploration of artistic expression.</p> <p>Forty years later, SAAG continues to foster engagement with local, national, and international contemporary art and culture, producing first-class exhibitions, publications, and programming that connect communities with the ideas of our time.</p> <p>A comprehensive strategic plan and the Live Art. Love SAAG. campaign outline the priorities and goals for the gallery in the coming years. This plan is designed to help SAAG respond to and anticipate growth within the art world, our organization, and the community at large. The plan identified Public Engagement, Exhibition Programming, Outreach and Accessibility, and Organizational Capacity as key areas for growth, improvement, and innovation.</p> <p>SAAG aspires to be increasingly regarded as a healthy and vibrant organization that enriches and engages the community. An expansion is necessary for SAAG to function professionally and efficiently, increase programs for learners of all ages, undertake a wider diversity of projects, and engage artists from broader geographic origins. Similarly, the addition of a restaurant adds enormous value as a social/cultural destination, a sustainable revenue stream, a venue for additional programming, and the unparalleled opportunity to engage new and current visitors with SAAG.</p>

All amounts below are in thousands of dollars

Prior	Total
_____	_____
_____	_____
_____	_____

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>
<p>Excerpt from Minutes of City Council meeting held Monday, February 24, 2020: WHEREAS the City of Lethbridge is undergoing operational reviews to look for efficiencies and opportunities for reinvestments; and WHEREAS the Province of Alberta has signaled austerity and has not supported Expressions of Interest for all of our projects submitted through the Capital Improvement Plan (CIP); and WHEREAS Council is responsible for the prioritization of projects that support the strategic priorities of our community; THEREFORE BE IT RESOLVED THAT the following project be discontinued from the current Capital Improvement Plan for the current four year cycle (2018-2021)</p> <ul style="list-style-type: none"> • D-39 Southern Alberta Art Gallery (SAAG) Facility Enhancements; and <p>FURTHER BE IT RESOLVED THAT the project be resubmitted for consideration in the next Capital Improvement Plan.</p>



1

Name: Barry McCann
 Date: 2016-09-27
 Title:
 SAAG - PROPOSED ADDITION 03
 AERIAL VIEW
 By: Luthmidge
 Date:



C

Name: Barry McCann
 Date: 2016-09-27
 Title:
 SAAG - PROPOSED ADDITION 03
 PERSPECTIVE VIEW
 By: Luthmidge
 Date:

Major Program: **Community Groups**

Project Title: **Shooting Sports Facility Safety Enhancement**

Dept - Project #: **407**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Lethbridge Fish and Game Associations Shooting Sports Facility are located in Peenaquim Park on the North side of Lethbridge. The facility is under a lease agreement with the City of Lethbridge until the year 2036 and all costs of operation and general maintenance are paid for by the LFGA. No operating grants are received from the city. The facility currently has shooting ranges dedicated to large rifles, small rifles, handguns, with all firearms under a 50 caliber designation. It also hosts shotgun and archery and has an administration and training trailer on site. The site is home to a significant amount of wildlife from deer herds to a variety of nesting birds to small wildlife like coyotes and gophers. The facility has shooting stations, bullet traps, target areas and berms. The primary feature of the site is its west to east orientation which utilizes massive coulee banks to the east as a safety feature should any projectile not impact the designated target area.</p> <p>LFGA wishes to contribute to the project the following funds .</p> <ol style="list-style-type: none"> Starting in 2017 \$20,000 dollars per annum until the expiration of the lease in 2036 for a total of \$400,000. During construction \$100,000 dollars of donated volunteer time and materials. For the term of the agreement starting in 2017 until 2036 \$30,000 dollars in hard costs for goods, equipment, targets, clays and ammunition to support youth programming at no cost. This will amount to \$600,000 during the term of the lease. LFGA feels this is critical in ensuring long term safety of firearms users and public in the community and surrounding area through youth education. <p>Total financial commitment to the project and site will be \$400,000 in cash, \$100,000 in donated time and materials and \$600,000 in youth programming for a total of \$1,100,000.</p>	<p>Lethbridge Fish and Game [LFGA] has operated a shooting facility in some form for over 90 years in Lethbridge. The main design and infrastructure currently in place was built in the 1980's. Some modifications, improvements and safety additions have taken place over time as funding became available. The most recent upgrade in the last 10 years was the addition of single aerial baffles on each of the rifle and handgun ranges.</p> <p>The facility is used by the 1600 plus members of the LFGA plus a significant number of persons within the community and surrounding area who access the facility through the range marshal program. This includes Government enforcement groups, security forces, public at large including youth and adults, special competitions, youth local and regional clubs such as the 4H. The shooting sports facility is classed as a regional facility.</p> <p>The proposed facility enhancement's primary purpose is to have the facility function as a primary projectile management facility which both meets and exceeds current standards for shooting ranges and ensures its viable operation for the term of the agreement. Projectiles fired within the facility would be captured by backstops, aerial or ground baffles or berms.</p> <p>The facility enhancements include the following items; ground and aerial baffles, improved backstops, bullet traps, shooting station enhancements, mobility access, target bases, sound attenuation, flags/wind gauges, improved 3 season usage and continued education and enforcement. These enhancements would be approved by the current governing body under the jurisdiction of the RCMP. All enhancements would stay within the current footprint of the site and would not include shotgun and archery as these are deemed to meet safety requirements for the foreseeable future.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			1,680									1,680
Consultive Services		187										187
Equip. & Furnishings			7									7
		187	1,687									1,874
Total Costs		187	1,687									1,874
Funding												
Grant - Municipal Sustainability (MSI)		169	1,519									1,688
PAYG - Community		18	168									186
		187	1,687									1,874
Total Funding		187	1,687									1,874

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Community Groups**

Project Title: **Henderson Lake Golf Club Upgrades**

Dept - Project #: **405**

Start Year: **2018**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Henderson Lake Golf Club is a public accessed golf club in the City of Lethbridge. The Golf Club has a land lease with the City and continues to be a good steward for the City of Lethbridge. Henderson Lake Golf Club is celebrating its 100 year anniversary in 2017. The Golf Club is a not-for-profit organization and run by a volunteer Board of Directors and has annual pass holders.</p> <p>The 2017 Centennial Legacy is a 4 part project. The project encompasses completing a forward tee project started in 2015, construction of a protection fence, forestry and replacing two vertical turbine pumps.</p>	<p>The project is comprised of 4 parts:</p> <p>Replacing forward tees allows greater participation and enjoyment for golfers, as well as providing flexible options for the Club. Replacing the remaining forward tees will complete the work started in 2015. Cost is \$60,000</p> <p>Construction of a fence (approx. 430 ft) along the 9th Tee area will provide protection for all, walkway users as well as golfers. Cost is \$32,000</p> <p>Forestry needs involve the removal of dead trees for safety reasons and planting of new ones to support screening. Typically this would be an operational cost however the number of trees needing removal has exceeded the current budget capabilities. Cost is \$15,000</p> <p>The replacement of 30 year old pumps for the irrigation will ensure ongoing asset maintenance and turf protection in the event the pumps break down. It is increasingly difficult to access replacement parts and equipment for the pumps when needed. Cost is \$117,000</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		32	75									107
Equip. & Furnishings		117										117
		149	75									224
Total Costs		149	75									224
Funding												
Grant - Federal Gas Tax Fund (FGTF)		117										117
PAYG - Community		32	75									107
		149	75									224
Total Funding		149	75									224

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **Community Groups**

Project Title: **Lethbridge & District Exhibition: Agri-Food Hub (Trade Centre)**

Dept - Project #: **323**

Start Year: **2018**

End Year: **2022**



CITY OF
Lethbridge

Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Lethbridge Exhibition Park's EXolution Project is the construction of a 268,000 sq. ft. state-of-the-art trade and exhibition space. The project will be comprised of the areas to accommodate indoor trade space, kitchen space, meeting / breakout space, administration offices and space for storage, maintenance and mechanical needs.</p>	<p>The project has the potential to leverage the culinary programming at Lethbridge College combined with the investment attraction work being done by the partners of Canada's Premier Food Corridor – this site can serve as an anchor for the value-added food sector in Alberta.</p> <p>The EXolution Project will also provide the potential for private investment to complement the public sector investment to create numerous spinoffs for commercial development as well as future opportunities in agri-innovation, research and incubator/accelerator space.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					44,324	26,300						70,624
Consultive Services		2,200										2,200
		2,200			44,324	26,300						72,824
Total Costs		2,200			44,324	26,300						72,824
Funding												
Borrowing - Community Group					17,824							17,824
Community Groups		1,100										1,100
Grant						25,000						25,000
Provincial Govt Contribution					26,500	1,300						27,800
Reserve - Operating		1,100										1,100
		2,200			44,324	26,300						72,824
Total Funding		2,200			44,324	26,300						72,824

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>





Capital Improvement Program
2018 to 2027

Major Program: **Previously Approved Projects**

Project Title: **Lethbridge Airport Improvements**

Dept - Project #: **515**

Start Year: **2019**

End Year: **2022**

Description & Location	Purpose & Justification
<p>City Council approved the Lethbridge Airport Master Plan and operating budget on May 27, 2019. The Master Plan identified the need for renovations to the Airport Terminal building (constructed approximately 40 years ago).</p> <p>The total scope of the airport terminal renovation will include:</p> <ul style="list-style-type: none"> • design services, • hazard material assessment and remediation, • new HVAC and electrical system, • interior construction to expand the hold area to house new washrooms, • upgrade existing washrooms, • create more efficient space utilization for check and securing queuing, furnishings, and • modifications to the parking and drop off area. <p>The scope to the water service upgrade will include:</p> <ul style="list-style-type: none"> • replacing the old water line that extends from the City boundary to the airport, and • decommissioning and demolition of the water pump house and reservoir. <p>In 2020/2021 the scope of the project was amended to include Airfield Pavement Rehabilitation (runways, taxiways and aprons) and Airfield Ground Lighting Upgrades. This has occurred as a result of funding opportunities presented from the Municipal Stimulus Program (MSP) and the Airports Capital Assistance Program (ACAP) grants.</p>	<p>The City of Lethbridge purchased the Lethbridge Airport from Lethbridge County on July 1, 2018. The County continued to operate the airport until July 1, 2019 when the City assumed operations.</p> <p>The Lethbridge Airport renovations will support current and future passenger activity and the design for a new water service to ensure proper water supply for fire response at the airport.</p> <p>In 2020, an assessment was completed for all airfield paved surfaces at the Lethbridge Airport. It was determined that several surfaces have reached or exceeded end of useful life. This reduces the airport's capacity for larger aircraft and increases the potential for foreign object debris (FOD) as the surface degrades. Poor drainage has been causing standing water and soft areas in the pavement.</p> <p>Many components of the airfield electrical system have exceeded lifecycle expectations and are in a precarious state of repair with minimal replacement parts available due to their obsolete status. Should any part of this system fail, it would significantly reduce the airport's capacity.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction				2,000	12,611	6,671						21,282
Consultive Services			700	52	1,558	756						3,066
Other					905							905
			700	2,052	15,074	7,427						25,253
Total Costs			700	2,052	15,074	7,427						25,253
Funding												
Grant - Airports Capital Assistance					1,471	5,171						6,642
Grant - Municipal Stimulus Program					10,353							10,353
Grant - Municipal Sustainability (MSI)				852	3,087	1,681						5,620
PAYG - Community			700									700
Reserve - Airport					163	575						738
Subdivision Surplus				1,200								1,200
			700	2,052	15,074	7,427						25,253
Total Funding			700	2,052	15,074	7,427						25,253
Estimated Debt Charges												
Projected Net Operating Costs												
Est. GHG Emissions (t CO2e)												

Comments

Operating costs will be determined when the Governance model is established for the Lethbridge Airport.

Airport Renovations:



Water Service Upgrade:





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**
Project Title: **Festival Square Market Plaza**
Dept - Project #: **516**
Start Year: **2021**

End Year: **2021**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The City and its Downtown partners have been planning and designing for a Festival Square. The northern half of 300 block of 6th Street South will be transformed from street and parking area with crumbling concrete, asphalt, and lighting fixtures into a year-round market plaza space that can be a well-designed public space that is versatile, active and engaging for people and the local businesses in the area. The main draw to the public space would be its offering as a year-round permanent market space that would allow local producers, artisans, and craftspeople a place to sell their wares all year-round. Additionally, existing and new businesses on 6th Street South could leverage expanded outdoor seating and amenities such as a stage for events and festivals.</p>	<p>This is a betterment and rehabilitation project of an existing street space that will include water line and sanitary sewer replacements, relocated stormwater catch basins, electrical servicing, stamped and coloured concrete, traffic signals and new amenity features including entry features, decorative lighting, and landscaping.</p> <p>The project will stimulate future economic growth with development and investment in the immediate area that has mid to high redevelopment potential with commercial vacancies and neglected properties.</p> <p>Finally, an open market-space that does not require street closures, permits, traffic reviews, etc. will ensure that local businesses are supported to utilize the vibrant market space with reduced red tape.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					1,450							1,450
Consultive Services					110							110
Other					150							150
					1,710							1,710
Total Costs					1,710							1,710
Funding												
Grant - Municipal Stimulus Program					1,710							1,710
					1,710							1,710
Total Funding					1,710							1,710

Estimated Debt Charges
Projected Net Operating Costs
Est. GHG Emissions (t CO2e)

Comments



Major Program: **Maintain Current Assets/Ongoing Programs**Project Title: **Facility Renewal and Upgrade Program**Dept - Project #: **586**Start Year: **2021**End Year: **2021**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Facility Renewal and Upgrade program consists of the following projects at various City facilities:</p> <ol style="list-style-type: none"> 1. City Hall Cooling Tower Replacement 2. Fritz Sick Centre Steam Boiler Replacement 3. Labor Club Ice Plant Replacement 4. Library North Wing Air Handling Unit Replacements & Duct Modifications 5. Lighting Retrofits at Multiple City Buildings 6. Nicholas Sheran Ice Centre Ice Pad Replacement 7. Roof Replacements at multiple City facilities. 	<p>The Investing in Canada Infrastructure Program (ICIP) COVID-19 Resilience Stream grant provides funding for retrofits, repairs and upgrades for indigenous, territorial, municipal and provincial buildings, health infrastructure, and schools. Facility Services has identified a number of projects that align with the intent of the grant. The projects involve the renewal and upgrading of major building equipment and systems. These projects support investment in municipal infrastructure and will provide employment for the design and construction industry.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					8,840							8,840
					8,840							8,840
Total Costs					8,840							8,840
Funding												
Grant - ICIP Resilience					6,416							6,416
Operating Budget					750							750
Reserve - MCPR					1,674							1,674
					8,840							8,840
Total Funding					8,840							8,840
Estimated Debt Charges												
Projected Net Operating Costs												
Est. GHG Emissions (t CO2e)												

Comments



Fritz Sick Centre Boilers



Public Operations Roof



Nicholas Sheran Arena Ice Pad



Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Fibre Connectivity Pilot - Industrial Parks**

Dept - Project #: **587**

Start Year: **2021**

End Year: **2021**

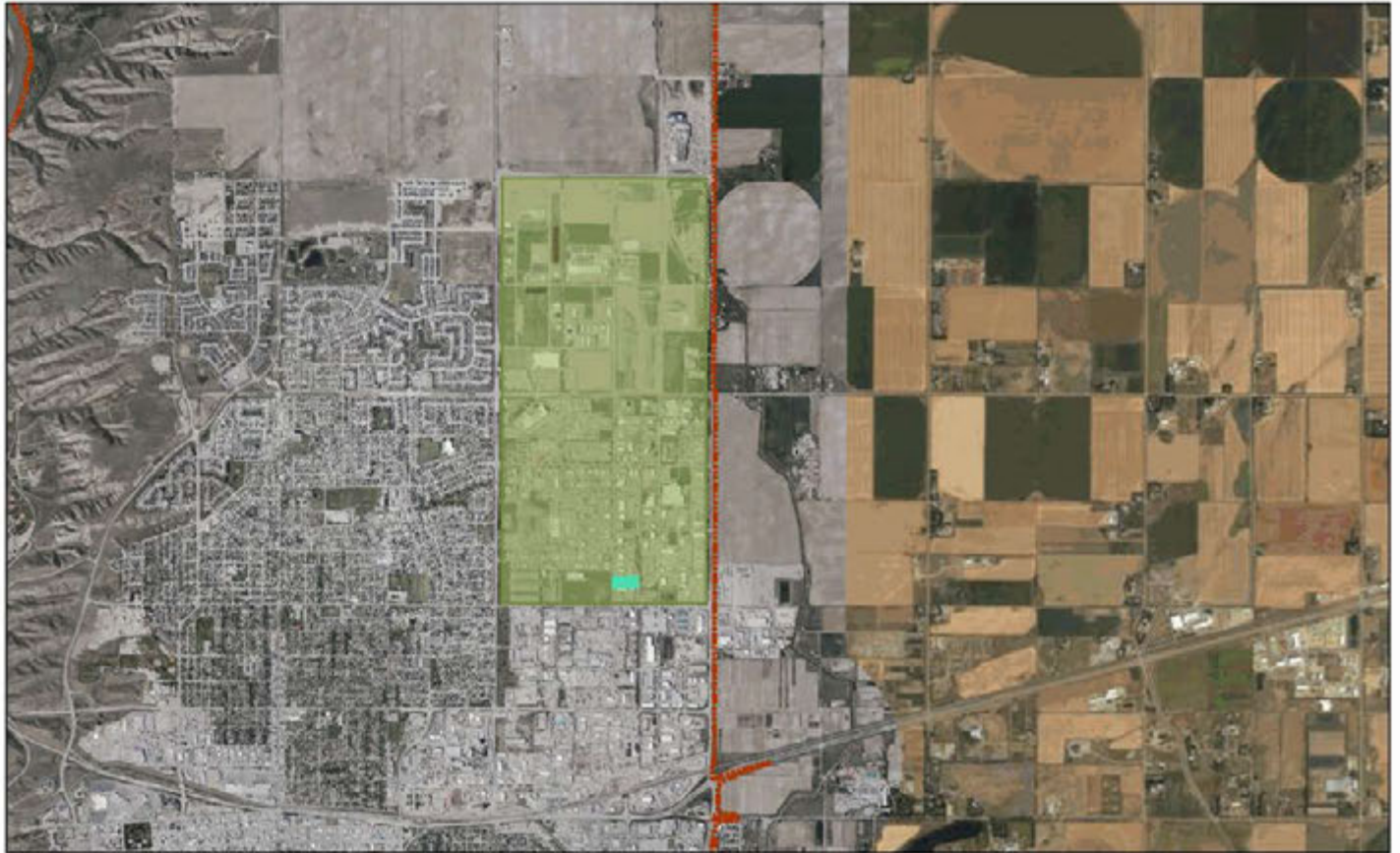
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Installation of conduit systems and fibre optic infrastructure to facilitate broadband communications in Churchill and Sherring industrial parks. This installation would be underground and built to the requirements of Lethbridge Urban Construction and industry standards.</p> <p>A technical consultant with strong understanding of this type of infrastructure will be required to assist with developing scope and high level mandatory material specifications and design / installation standards that need to be deployed on the project. With scope, specifications, and standards understood, an request for proposal (RFP) for a design build partner to execute the project will be carried out.</p> <p>Grant funding has been made available for this project with the condition that all work must be completed by December 31, 2021 which will require expedited activities throughout the project.</p>	<p>Without access to reliable, high speed internet connectivity (known as broadband), local businesses are unable to fully take advantage of the business technology that will allow them to grow and operate efficiently and effectively. Reliable broadband is required for businesses to provide online sales and services, use video conferencing to communicate with customers and employees, and use cloud business solutions. The need for broadband and online services has spiked during the COVID-19 pandemic and is expected to continue to grow, post-pandemic.</p> <p>The business community in Lethbridge, in particular within the industrial park setting is underserved by incumbent Internet Service Providers (ISPs) for their connectivity needs. ISPs are offering services in the industrial parks at much lower speeds than residential customers enjoy. This is due to the aging connectivity infrastructure in the industrial park areas and the cost for ISPs to replace their infrastructure.</p> <p>The recommended course of action to address this connectivity gap is for the City of Lethbridge to leverage their existing municipal fibre infrastructure, expand the network, and lease fibre capacity to an independent ISP to enable the broadband connectivity to the industrial parks.</p> <p>In order to keep the investment small until it is proven to be a viable financial enterprise, a pilot project is recommended in the area of the city with the lowest connectivity available – the industrial parks. Such an entity should be self-funded and not municipally tax supported.</p>

All amounts below are in thousands of dollars

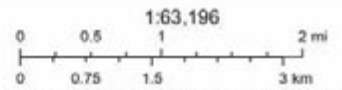
	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					6,900							6,900
					6,900							6,900
Total Costs					6,900							6,900
Funding												
Grant - ICIP Resilience					5,465							5,465
Internal Borrowing					1,436							1,436
					6,900							6,900
Total Funding					6,900							6,900
Estimated Debt Charges		0	0	0	0	120	120	120	120	120	120	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	
Est. GHG Emissions (t CO2e)		0	0	0	0	0	0	0	0	0	0	

Comments

Broadband Pilot



February 25, 2021



Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

Copyright 2019, City of Lethbridge

Major Program: **New Facilities**

Project Title: **Legacy Park - Discovery Playground**

Dept - Project #: **588**

Start Year: **2021**

End Year: **2021**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The beginning stages of planning for the development of Legacy Park included a comprehensive public consultation process where a number of amenities were identified and then prioritized by the public for inclusion in the park. After initial phases of the park construction were complete, one of the high priority items remaining to be built is the Discovery Playground.</p> <p>The Discovery Playground will be an experiential play area with opportunities to explore adventure and risk. This play area will spark excitement and energy, mix natural and created environments, and layer in imaginative components. The multigenerational playground is intended for all ages and abilities, incorporating features appropriate for all users, regardless of developmental stage or mobility. The play area will be guided by an all ages and abilities philosophy that will encourage exploration of challenges and the setting of personal boundaries in a safe atmosphere.</p>	<p>At the August 19, 2013 Council meeting, City Council approved the concept plan for Legacy Park and gave direction to move towards detailed design and construction. With the exception of the café and greenhouse, the Discovery Playground will complete the park elements identified in the initial planning stages and complement the activity hub in the center of the park, consisting of the Spray Park, Plaza, Pavilion, and Picnic Shelter.</p> <p>The Investing in Canada Infrastructure Program (ICIP) COVID-19 Resilience Stream grant has approved funding for the Discovery Playground requiring the work to be completed by December 2021.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					1,200							1,200
					1,200							1,200
Total Costs					1,200							1,200
Funding												
Grant - ICIP Resilience					960							960
Reserve - MCPR					240							240
					1,200							1,200
Total Funding					1,200							1,200

Estimated Debt Charges
Projected Net Operating Costs
Est. GHG Emissions (t CO2e)

<u>Comments</u>



**DISCOVERY PLAYGROUND
PLAN VIEW**

*This is an Artistic Representation for Sale Use by the City of Lethbridge



CITY OF
Lethbridge

URBAN
SYSTEMS



**DISCOVERY PLAYGROUND
VISUALIZATION**

*This is an Artistic Representation for Sale Use by the City of Lethbridge



CITY OF
Lethbridge

URBAN
SYSTEMS

**INFRASTRUCTURE
ENVIRONMENTAL UTILITIES
CAPITAL IMPROVEMENT PROJECTS
2018-2027**

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2018 - 2027 Projects
Commencing in the First Four Years

	Page	Project Costs				
		2018	2019	2020	2021	2022-2027
		All amounts below are in thousands				
Project Costs						
Environmental Utilities						
<u>Waste & Recycling Services</u>						
Recycling						
Curbside Recycling	E - 6	16,300				
		16,300				
Landfill						
Waste & Recycling Centre Disposal Cell Development and Closure	E - 7	2,100	2,550	3,650	2,050	6,150
Landfill Gas & Leachate Management System	E - 8	250	2,675	3,650		2,450
Waste & Recycling Centre Site Enhancements	E - 9	3,000				
Waste Processing Facility Upgrade	E - 10		2,920			
		5,350	8,145	7,300	2,050	8,600
<u>Wastewater</u>						
Wastewater Utility						
Wastewater Treatment Plant Headworks and Clarifier Upgrade	E - 11	2,675	5,590	2,785		
Wastewater Treatment Plant Primary Clarifier Replacement	E - 12	4,100	8,000	4,100		3,000
Wastewater Treatment Plant Biosolids Treatment Upgrades	E - 13	500	1,500			
Lift Station Rehabilitation	E - 14		500			
Wastewater Treatment Plant Phosphorous Recovery	E - 15			1,300	2,600	2,100
		7,275	15,590	8,185	2,600	5,100
<u>Water</u>						
Water Utility						
Water Treatment Plant Residuals Management	E - 18	2,000	11,800			
Water Treatment Plant Instrumentation Upgrade	E - 19	1,100	400			
Water Treatment Plant Process Redundancy	E - 20	400	1,000	5,000	5,000	
Water Reservoir Upgrades	E - 21	400	2,500	2,500	1,000	
		3,900	15,700	7,500	6,000	
<u>Combined Deep Utility</u>						
Urban Development (Offsite Levy)						
Watermain Loop Metis Trail (Coalbanks Link to Temple Blvd)	EO - 1	250				
West Siphon Screen Relocation	EO - 2		850	850		
		250	850	850		
	TOTAL PROJECTS	33,075	40,285	23,835	10,650	13,700
Project Funding						
Accumulated Surplus		550		2,036	2,600	
Borrowing - Offsites			850	850		
Borrowing - Utilities		27,530	32,476	18,164	8,050	9,600
Grant - Other		89				
Landfill Capital		2,100				1,100
Offsite Levy		250				
Wastewater Capital		456	4,559	2,785		3,000
Water Capital		2,100	2,400			
	TOTAL FUNDING	33,075	40,285	23,835	10,650	13,700

**City of Lethbridge
Environmental Utilities**

Capital Improvement Program 2018 - 2027

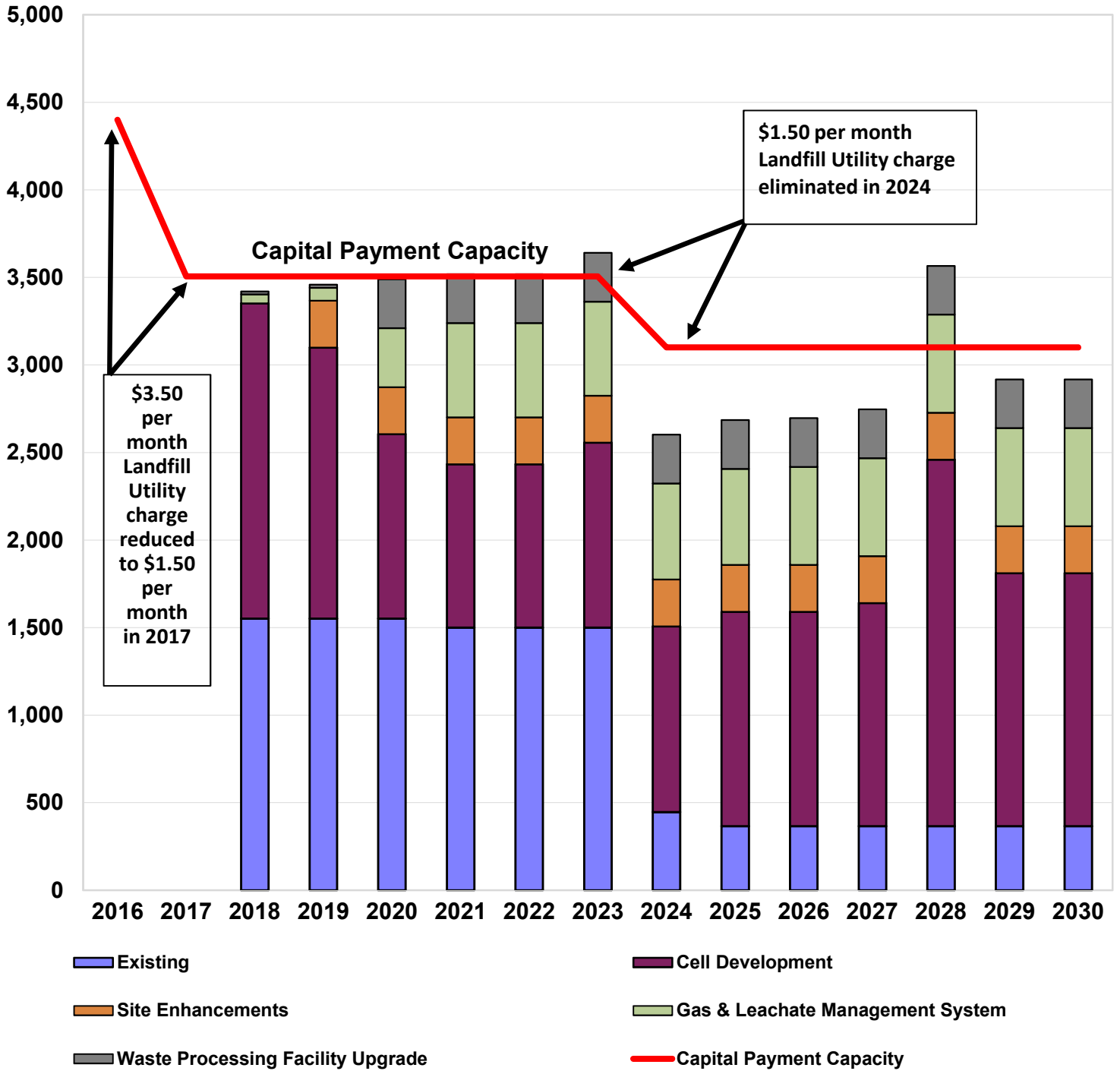
Page	Project Costs											
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
Project Costs	All amounts below are in thousands											
Environmental Utilities												
<u>Waste & Recycling Services</u>												
<u>Recycling</u>												
Curbside Recycling	E - 6	16,300									16,300	
<u>Landfill</u>												
Waste & Recycling Centre Disposal Cell Development and Closure	E - 7	2,100	2,550	3,650	2,050	3,575	1,250	250	325	250	500	16,500
Landfill Gas & Leachate Management System	E - 8	250	2,675	3,650		1,950		500				9,025
Waste & Recycling Centre Site Enhancements	E - 9	3,000										3,000
Waste Processing Facility Upgrade	E - 10		2,920									2,920
		21,650	8,145	7,300	2,050	5,525	1,250	250	825	250	500	47,745
<u>Wastewater</u>												
<u>Wastewater Utility</u>												
Wastewater Treatment Plant Headworks and Clarifier Upgrade	E - 11	2,675	5,590	2,785								11,050
Wastewater Treatment Plant Primary Clarifier Replacement	E - 12	4,100	8,000	4,100				3,000				19,200
Wastewater Treatment Plant Biosolids Treatment Upgrades	E - 13	500	1,500									2,000
Lift Station Rehabilitation	E - 14		500									500
Wastewater Treatment Plant Phosphorous Recovery	E - 15			1,300	2,600	2,100						6,000
Wastewater Treatment Plant UV Disinfection Upgrades	E - 16					600	2,400					3,000
Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade	E - 17					600	1,000	1,400				3,000
		7,275	15,590	8,185	2,600	3,300	3,400	1,400	3,000			44,750
<u>Water</u>												
<u>Water Utility</u>												
Water Treatment Plant Residuals Management	E - 18	2,000	11,800									13,800
Water Treatment Plant Instrumentation Upgrade	E - 19	1,100	400									1,500
Water Treatment Plant Process Redundancy	E - 20	400	1,000	5,000	5,000							11,400
Water Reservoir Upgrades	E - 21	400	2,500	2,500	1,000							6,400
		3,900	15,700	7,500	6,000							33,100
<u>Combined Deep Utility</u>												
<u>Urban Development (Offsite Levy)</u>												
Watermain Loop Metis Trail (Coalbanks Link to Temple Blvd)	EO - 1	250										250
West Siphon Screen Relocation	EO - 2		850	850								1,700
Utility Extension Whoop Up (Mauretania Rd to 30th St)	EO - 3								2,400			2,400
Macleod Westward Storm Outfall	EO - 4								3,350			3,350
Utility Extension Macleod Drive (Mount Burke to Metis Tr)	EO - 5									1,750		1,750
		250	850	850						5,750	1,750	9,450
TOTAL PROJECTS		33,075	40,285	23,835	10,650	8,825	4,650	1,650	3,825	6,000	2,250	135,045
Project Funding												
Accumulated Surplus		550		2,036	2,600							5,186
Borrowing - Offsites			850	850						5,750	1,750	9,200
Borrowing - Utilities		27,530	32,476	18,164	8,050	7,725	4,650	1,650	825	250	500	101,820
Grant - Other		89										89
Landfill Capital		2,100				1,100						3,200
Offsite Levy		250										250
Wastewater Capital		456	4,559	2,785					3,000			10,800
Water Capital		2,100	2,400									4,500
TOTAL FUNDING		33,075	40,285	23,835	10,650	8,825	4,650	1,650	3,825	6,000	2,250	135,045

City of Lethbridge
Environmental Utilities
Capital Improvement Program 2018 - 2027
Net Operating Costs

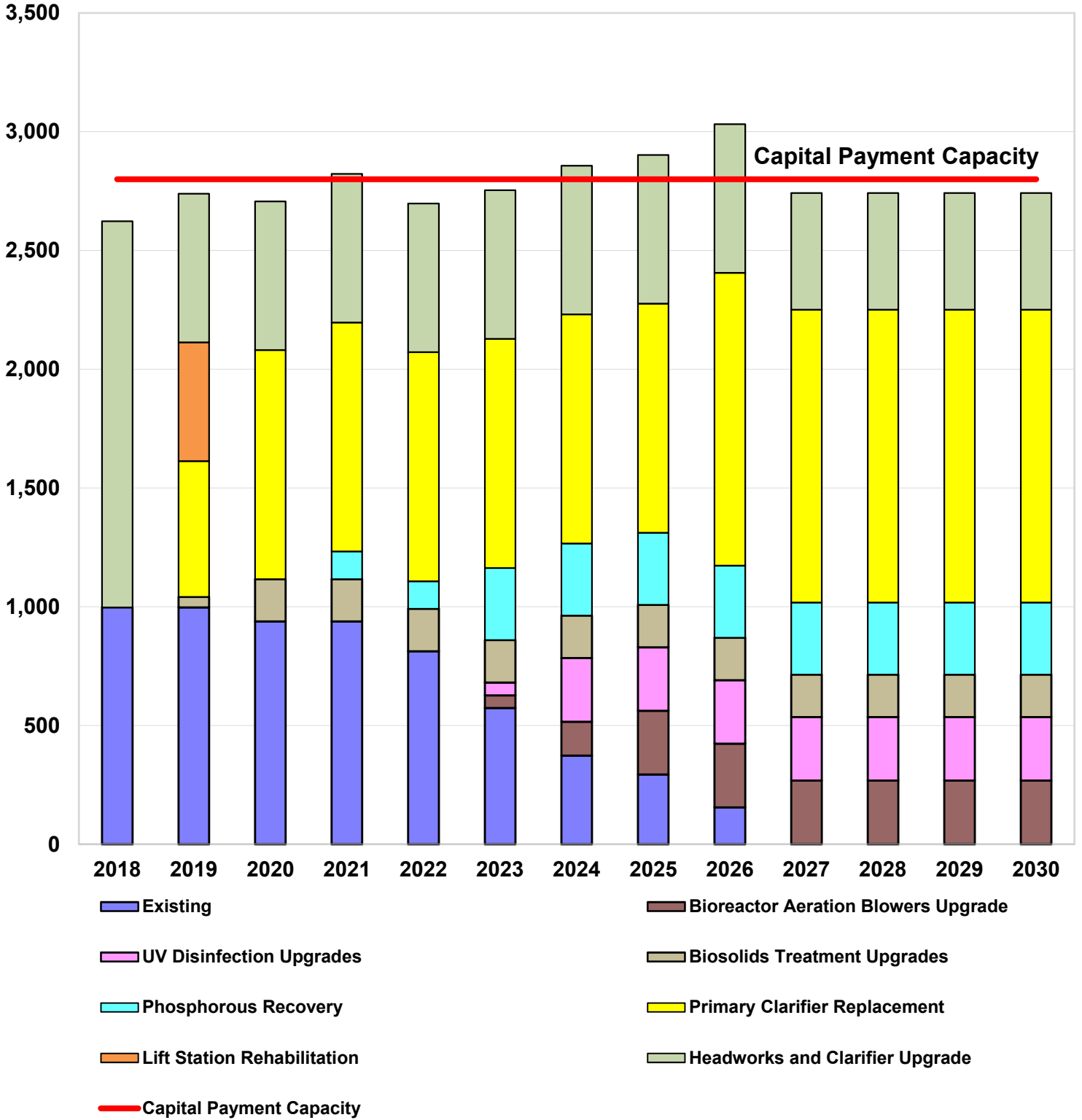
Please refer to A-7 for operating cost information related to this section.

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

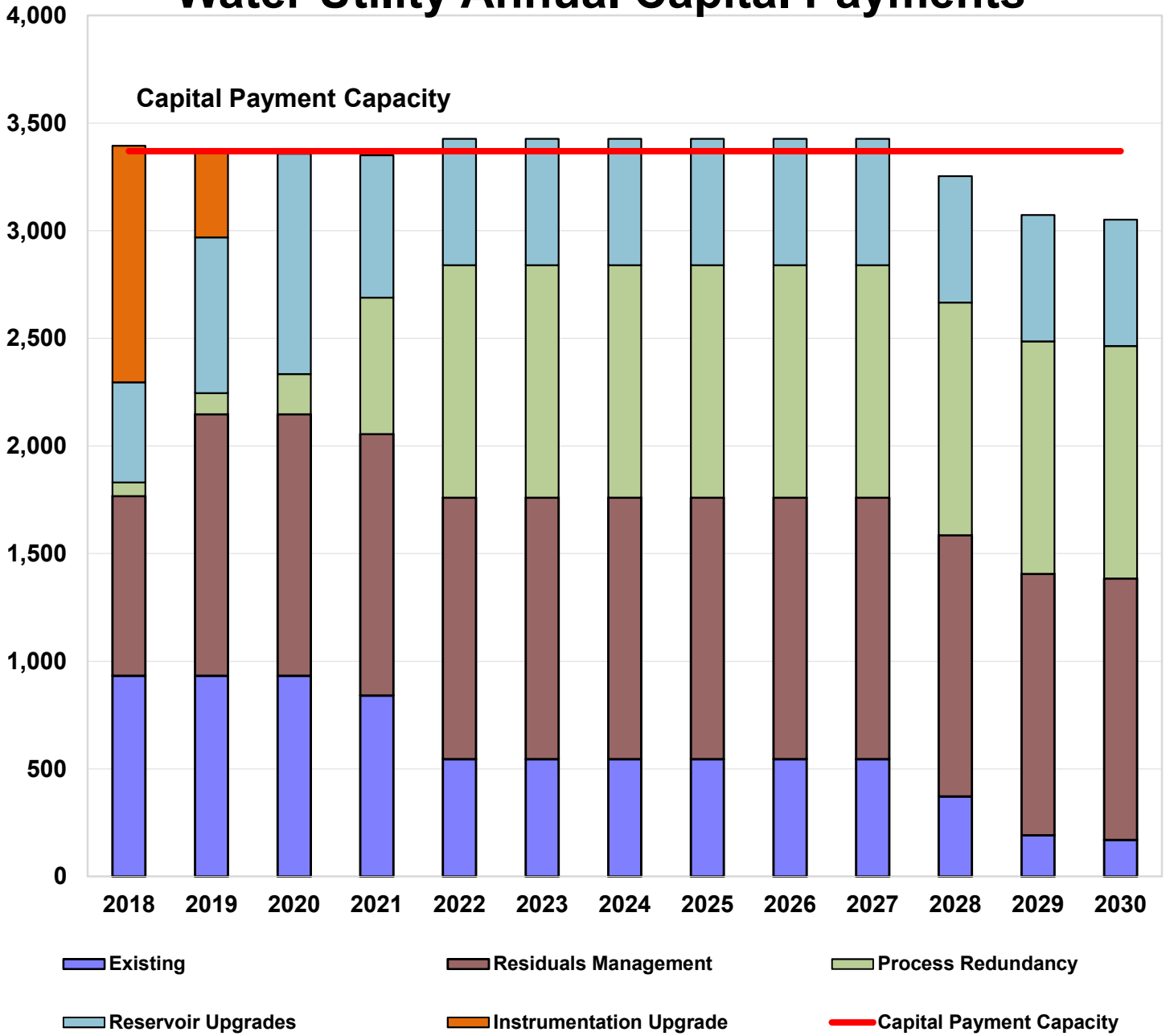
Landfill Utility Annual Capital Payments



Wastewater Utility Annual Capital Payments



Water Utility Annual Capital Payments





Capital Improvement Program
2018 to 2027

Major Program: **Recycling**

Project Title: **Curbside Recycling**

Dept - Project #: **369**

Start Year: **2018**

End Year: **2018**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Lethbridge City Council approved for 2019 the implementation of a bi-weekly recycling (blue cart) program. Waste and Recycling Services would provide blue cart/bin service to 33,000 single family households and 5,500 multi-family households.</p> <p>Recyclables accepted will include:</p> <ul style="list-style-type: none"> •Paper •Cardboard •Tin cans •Glass •Numbered plastic <p>All materials will be shipped to a Material Recovery Facility (MRF) for processing.</p> <p>Waste & Recycling Services will undertake the design and construction of the MRF facility commencing in 2017 (with expenditures of up to \$3.0M of the total \$16.3M) and will be operational in spring 2019. A siting exercise has the facility located at the Waste & Recycling Centre.</p> <p>The implementation of this program requires the following capital investments:</p> <ol style="list-style-type: none"> 1) Construction of a Materials Recovery Facility 2) Purchase of carts and bins for single family and multi-family services 3) Purchase of two collection trucks 4) Expansion of the Waste & Recycling garage to house additional trucks <p>There is a requirement for five additional staff to support collection operations, and the operations of the Material Recovery Facility.</p>	<p>In July 2015 City Council approved a Waste Diversion Policy.</p> <p>The policy speaks to residential sector waste diversion goals of:</p> <ul style="list-style-type: none"> • 50% waste diversion rate by 2021 • 65% waste diversion rate by 2030 <p>A Residential Waste Diversion Strategy was developed and approved by City Council on November 28, 2016. This strategy creates a structure of programs that will allow us to meet the waste diversion goals.</p> <p>On November 28, 2016, City Council approved a Residential Curbside Recycling Program with Phase 1 implementation in 2018 and with full implementation in 2019. The program will implement an alternate week pick up of recyclables, and alternate week pick up of waste.</p> <p>A Materials Recovery Facility is required to process, sort and store the collected recyclables in preparation for marketing the materials.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		11,805										11,805
Consultive Services		800										800
Equip. & Furnishings		3,695										3,695
		<u>16,300</u>										<u>16,300</u>
Total Costs		16,300										16,300
Funding												
Accumulated Surplus		550										550
Borrowing - Utilities		15,750										15,750
		<u>16,300</u>										<u>16,300</u>
Total Funding		16,300										16,300
Estimated Debt Charges		0	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	1,503	
Projected Net Operating Costs		600	1,664	1,714	1,765	1,818	1,873	1,929	1,987	2,046	2,108	

Comments

Net Increase to monthly residential customers waste and recycling charges effective 2019 = \$7.00.



Example of a Materials Recovery Facility (MRF)

Major Program: **Landfill**Project Title: **Waste & Recycling Centre Disposal Cell Development and Closure**Dept - Project #: **215**Capital Improvement Program
2018 to 2027Start Year: **2015**End Year: **Ongoing**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-7 of 2014-2023.</p> <p>This project was included in the prior CIP at \$16.13 million. The change in timing is due to capacity requirements for disposal cells and the outcome of the approval to operate. The change in cost estimate is due to adjustments on timelines and successful diversion projections.</p> <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 (W&RC), as well as other related cell development activities. The program includes conceptual, detailed design, tender/specifications construction management and commissioning waste disposal cells. Cells will be constructed as described in the Alberta Environment and Parks Approval to Operate and the Standards for Landfills in Alberta.</p> <p>The cells will include at a minimum:</p> <ol style="list-style-type: none"> 1) a liner that provides for containment of the waste; 2) a leachate collection system that maintains the leachate level limit; 3) a groundwater monitoring system; 4) a run on control system; and 5) a closure system. <p>Projects considered for the 2018 to 2027 CIP include:</p> <ol style="list-style-type: none"> 1) Cell 5B Construction 2) Sideline and Liner Design and Construction 3) Phase 2 Regrading 4) Closure of North portion under Transmission Lines 5) Surface Water Management For Closure Area 6) ICS Expansion 7) Hydrovac Disposal Facility 	<p>The construction, operation and closure of W&RC disposal cells is governed by an Approval to Operate issued by Alberta Environment and Parks (AEP). Pursuant to the approval, the City has developed Class II MSW and ICS disposal cells. As available landfill disposal capacity in these cells is consumed, there is a requirement to develop new disposal cells to meet the immediate needs of the City and the region.</p> <p>The purpose of this project is to develop and close disposal, ICS and hydrovac 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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	700	1,600	2,100	3,000	1,550	3,000	1,100	200	200	200	200	13,850
Consultive Services	600	500	450	650	500	575	150	50	125	50	300	3,950
	<u>1,300</u>	<u>2,100</u>	<u>2,550</u>	<u>3,650</u>	<u>2,050</u>	<u>3,575</u>	<u>1,250</u>	<u>250</u>	<u>325</u>	<u>250</u>	<u>500</u>	<u>17,800</u>
Total Costs	1,300	2,100	2,550	3,650	2,050	3,575	1,250	250	325	250	500	17,800
Funding												
Borrowing - Utilities			2,550	3,650	2,050	2,475	1,250	250	325	250	500	13,300
Landfill Capital	1,300	2,100				1,100						4,500
	<u>1,300</u>	<u>2,100</u>	<u>2,550</u>	<u>3,650</u>	<u>2,050</u>	<u>3,575</u>	<u>1,250</u>	<u>250</u>	<u>325</u>	<u>250</u>	<u>500</u>	<u>17,800</u>
Total Funding	1,300	2,100	2,550	3,650	2,050	3,575	1,250	250	325	250	500	17,800
Estimated Debt Charges		0	0	228	554	737	1,039	1,192	1,223	1,263	1,293	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

Waste & Recycling Centre Disposal Cell Development and Closure

- 1) Cell 5B Construction
- 2) Sideline and Liner Design and Construction
- 3) Phase 2 Regrading
- 4) Closure of North Portion Under Transmission Lines
- 5) Surface Water Management For Closure Area
- 6) ICS Expansion
- 7) Hydrovac Disposal Facility





Capital Improvement Program
2018 to 2027

Major Program: **Landfill**

Project Title: **Landfill Gas & Leachate Management System**

Dept - Project #: **219**

Start Year: **2014**

End Year: **2025**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-8 of 2014-2023.</p> <p>The project was included in the prior CIP at \$5.53 million. The change in cost estimate is due to further refinement of the scope of work based on completion of the conceptual design.</p> <p>In 2015, 130,000 tonnes of waste and recyclables were received at the Waste & Recycling Centre (W&RC) from the City of Lethbridge and surrounding municipalities. Since 1985, over 2.5 million tonnes of waste has been disposed at the site. It is one of the largest landfill sites in Southern Alberta.</p> <p>The W&RC 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 2018 to 2027 CIP:</p> <ol style="list-style-type: none"> 1) Landfill gas system installation initial phase 2019/2020 2) Leachate system design 2018 3) Leachate system installation 2019 4) Extend gas well system phase 1 2022 5) Extend gas well system phase 2 2025 <p>The initial system design project has provided another layer to the future system. The next step will be the detailed design of the landfill gas (LFG) system. The detailed design will provide final construction drawings and subsequent cost estimates.</p>	<p>The construction operation and closure of the W&RC is governed by an approval issued by Alberta Environment and Parks (AEP). 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 greenhouse gases which 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 federal government large emitter regulations. Currently, the W&RC generates enough greenhouse gas (65,000 tonne CO2 equivalents) to trigger the reporting component (>50,000 tonne CO2 equivalents) in the regulation. However, is not required to reduce greenhouse gas emissions (>100,000 tonne CO2 equivalents). In Alberta emitters who voluntarily reduce their emissions qualify to sell emissions credits to other large emitters unable to meet their emissions reductions targets. It is anticipated that government will lower the reduction limit in the near future.</p> <p>Development of a system to reduce landfill greenhouse emissions prior to regulatory changes requiring reductions is proposed.</p>

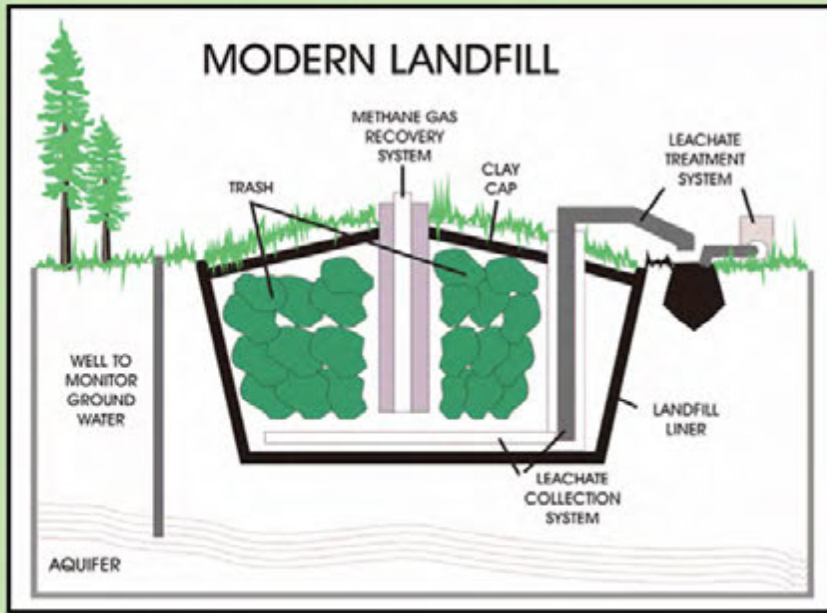
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			2,470	3,300		1,825			400			7,995
Consultive Services	620	250	205	350		125			100			1,650
	620	250	2,675	3,650		1,950			500			9,645
Total Costs	620	250	2,675	3,650		1,950			500			9,645
Funding												
Accumulated Surplus				1,036								1,036
Borrowing - Utilities	575	161	2,675	2,614		1,950			500			8,475
Grant - MCIP		89										89
Landfill Capital	45											45
	620	250	2,675	3,650		1,950			500			9,645
Total Funding	620	250	2,675	3,650		1,950			500			9,645
Estimated Debt Charges		51	66	305	538	538	712	712	712	757	757	
Projected Net Operating Costs		0	0	180	190	200	210	210	210	210	210	

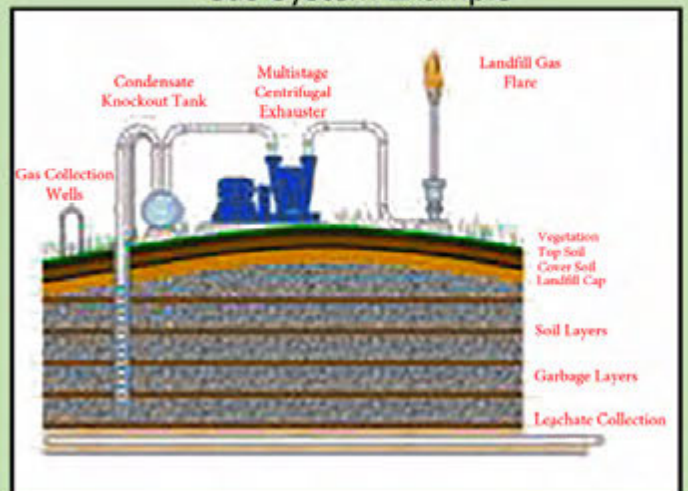
Comments

Waste & Recycling Centre Landfill Gas and Leachate Management System Development

Leachate System Example



Gas System Example



Methane Flare Stack Example





Capital Improvement Program
2018 to 2027

Major Program: **Landfill**

Project Title: **Waste & Recycling Centre Site Enhancements**

Dept - Project #: **334**

Start Year: **2018**

End Year: **2018**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>On October 24, 2016, the City received the Operating Approval from Alberta Environment which includes vertical and horizontal expansion of the landfill. This expansion creates 60 years of disposal capacity and increases the developable area from 120 to 360 acres.</p> <p>This site enhancement project includes:</p> <p>Landscaping of public drop off, scale house, entrance, construction drop off, educational centre and perimeter areas of the expanding landfill that include screening berms.</p> <p>Water transfer system consisting of a network of underground pipes, vaults and pumps. This system will utilize excess water during wet years and will also allow for water storage during dry years.</p> <p>An automated irrigation system that meets City of Lethbridge irrigation standards. This system is capable of providing water for existing and future on-site trees and shrubs.</p> <p>The education centre involves repurposing the building used to temporarily house the Helen Schuler Nature Centre during recent upgrades of that facility. The building will provide a permanent space for exhibits, a classroom and meeting space, offices, a kitchen and washroom facilities.</p>	<p>Extensive public consultation was undertaken during the Operating Approval application process. To address a major concern raised by stakeholders regarding the visual impact of the expanding landfill, large landscaped screening berms were included in the designs shared with the community and regulators. Additionally, soft landscaping within the main entrance and recycling areas will create a welcoming environment and an enhanced customer experience.</p> <p>Under the Operating Approval, the facility is required to collect and manage surface water. The existing surface water management system will be expanded and improved with the addition of a water transfer system. This system is required to balance water between various surface water ponds by transferring water to where it is needed.</p> <p>For trees and shrub beds to have the desired welcoming effect, an irrigation system is required to ensure they can grow and remain healthy in our semi-arid climate.</p> <p>Waste & Recycling Services provides 40 to 50 educational site tours per year, ranging from elementary age children to university classes and special interest groups. The educational centre supports growth of outreach programming by providing a space for community education regarding waste, recycling, composting and site operational and environmental protection features.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		2,900										2,900
Consultive Services		100										100
		3,000										3,000
Total Costs		3,000										3,000
Funding												
Borrowing - Utilities		3,000										3,000
		3,000										3,000
Total Funding		3,000										3,000
Estimated Debt Charges		0	268	268	268	268	268	268	268	268	268	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments

Waste & Recycling Centre Site Enhancements



Examples of the need for a water balance and irrigation system



Education Centre



Landscaped screening berms

Major Program: **Landfill**Project Title: **Waste Processing Facility Upgrade**Dept - Project #: **287**Start Year: **2017**End Year: **2019**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-11 of 2014-2023.</p> <p>This project was included in the prior CIP at \$3.12 million. The change in timing is due to the delay in the recently received approval to operate.</p> <p>Waste & Recycling Services will undertake a preliminary design for the project in 2017. The preliminary design will assist the department with refining the project scope and cost.</p> <p>The processing facility upgrade project includes detailed design and construction of a facility with increased storage capacity for multiday 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 Waste & Recycling Centre Master Plan project developed a strategy for the vertical and horizontal expansion of the centre. The proposed expansion includes:</p> <ol style="list-style-type: none"> 1) Increasing the overall height of the waste an additional 16 meters above average grade to 926 meters above sea level (ASL) 2) Increasing the footprint of the landfill from 25 to 63 hectares 3) 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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction			2,920									2,920
Consultive Services		200										200
		<u>200</u>	<u>2,920</u>									<u>3,120</u>
Total Costs		200	2,920									3,120
Funding												
Borrowing - Utilities		200	2,920									3,120
		<u>200</u>	<u>2,920</u>									<u>3,120</u>
Total Funding		200	2,920									3,120
Estimated Debt Charges		18	18	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 Upgrades



Tipping Floor



Bale Bagger Baling Operation



Baled Waste in Landfill

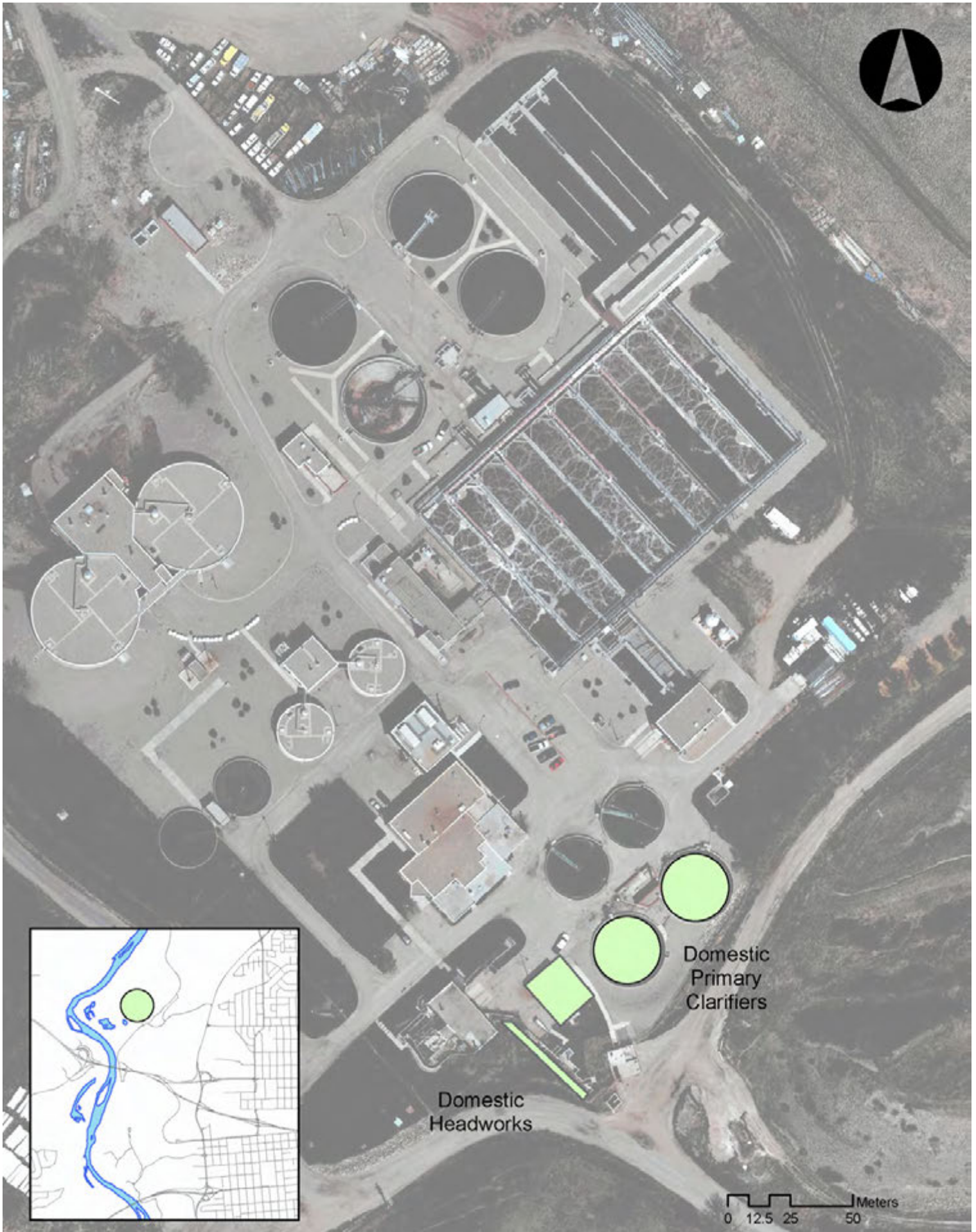
Major Program: **Wastewater Utility**Project Title: **Wastewater Treatment Plant Headworks and Clarifier Upgrade**Dept - Project #: **203**Capital Improvement Program
2018 to 2027Start Year: **2015**End Year: **2020**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-13 of 2014-2023 and amendment of current CIP project E-11.</p> <p>Work completed prior to 2018 included a new headworks influent channel, and preliminary and detailed design of a new headworks building to house new grit removal systems, grit washing systems and screens.</p> <p>Amendment of current CIP project E-11 is necessary because prices received in a competitive bid process exceed the estimated costs from both preliminary and detailed designs.</p> <p>The amended costs will be funded through wastewater capital.</p>	<p>This project will:</p> <p>Leverage use of existing plant components,</p> <p>Increase performance and improve reliability,</p> <p>Avoid increasing maintenance costs,</p> <p>Improve operator health and safety, and</p> <p>Support continued growth and development of the City.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	3,750	2,550	5,300	2,660								14,260
Consultive Services	1,100	125	290	125								1,640
	<u>4,850</u>	<u>2,675</u>	<u>5,590</u>	<u>2,785</u>								<u>15,900</u>
Total Costs	4,850	2,675	5,590	2,785								15,900
Funding												
Borrowing - Utilities	4,350	2,219	1,531									8,100
Wastewater Capital	500	456	4,059	2,785								7,800
	<u>4,850</u>	<u>2,675</u>	<u>5,590</u>	<u>2,785</u>								<u>15,900</u>
Total Funding	4,850	2,675	5,590	2,785								15,900
Estimated Debt Charges		248	446	633	633	633	633	633	633	633	633	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Domestic
Primary
Clarifiers

Domestic
Headworks

0 12.5 25 50 Meters



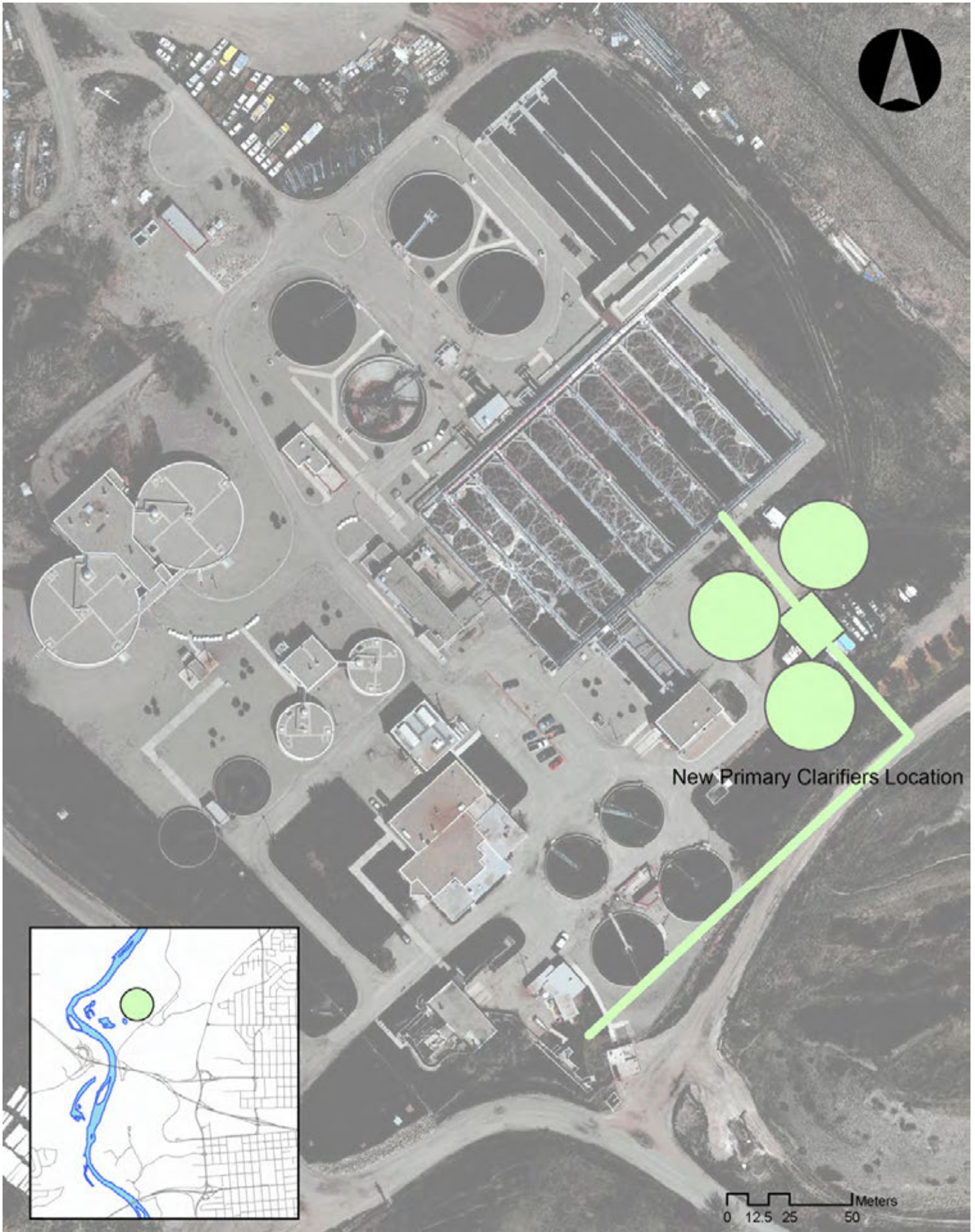
Major Program: **Wastewater Utility**Project Title: **Wastewater Treatment Plant Primary Clarifier Replacement**Dept - Project #: **348**Start Year: **2018**End Year: **2025**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will construct three new primary clarifiers to replace four existing primary clarifiers. The existing clarifiers, the oldest of which was constructed 56 years ago, have deteriorated to the point that rehabilitation and refurbishment are no longer practical. In addition to the new clarifiers, a new sludge pumping facility and conveyance channels for primary effluent will be constructed.</p> <p>Work completed prior to 2018 included the preliminary and detailed design of the new clarifiers, sludge pumping facility and conveyance channels for primary effluent from the new headworks facility (E-11).</p> <p>Amendment of the current CIP project E-12 is necessary because prices received in a competitive bid process exceeded the estimated costs from both preliminary and detailed designs.</p> <p>The amended costs will be funded through the wastewater capital, borrowing, and accumulated surplus.</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 Support continued growth and development of the City.

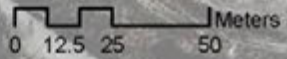
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		4,100	8,000	4,100					3,000			19,200
		4,100	8,000	4,100					3,000			19,200
Total Costs		4,100	8,000	4,100					3,000			19,200
Funding												
Accumulated Surplus				1,000								1,000
Borrowing - Utilities		4,100	8,000	3,100								15,200
Wastewater Capital									3,000			3,000
		4,100	8,000	4,100					3,000			19,200
Total Funding		4,100	8,000	4,100					3,000			19,200
Estimated Debt Charges		0	366	1,081	1,357	1,357	1,357	1,357	1,357	1,357	1,357	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



New Primary Clarifiers Location





Capital Improvement Program
2018 to 2027

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Biosolids Treatment Upgrades**

Dept - Project #: **206**

Start Year: **2018**

End Year: **2019**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Modification of previous CIP project E-15 of 2014-2023.</p> <p>This project was included in the prior CIP at \$6.2 million. The change in budget is due to a modification to the project's scope, resulting in a cost reduction of \$4.2 million.</p> <p>The two existing Wastewater Treatment Plant digesters were constructed in 1987. A third digester was previously believed to be required to allow periodic maintenance. Implementation of new technology will allow more efficient use of the existing digester capacity and eliminate the need for a third digester.</p> <p>This project will implement additional biosolids dewatering equipment and upgrade existing biosolids digester process control.</p>	<p>This project will:</p> <p>Increase performance,</p> <p>Improve reliability,</p> <p>Improve operator health and safety, and</p> <p>Support continued growth and development of the City.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		300	1,500									1,800
Consultive Services		200										200
		500	1,500									2,000
Total Costs		500	1,500									2,000
Funding												
Borrowing - Utilities		500	1,500									2,000
		500	1,500									2,000
Total Funding		500	1,500									2,000
Estimated Debt Charges		0	45	179	179	179	179	179	179	179	179	179
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	0

Comments

--



Biosolids Dewatering Equipment



0 12.5 25 50 Meters

Major Program: **Wastewater Utility**

Project Title: **Lift Station Rehabilitation**

Dept - Project #: **282**

Start Year: **2015**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-17 of 2014-2023.</p> <p>This project was included in the prior CIP at \$500,000. The change in budget is due to additional enhancements planned at the 39th Street North lift station.</p> <p>This project will modernize the mechanical and electrical systems in the 39th Street North lift station. The increased cost of this added work requires additional funding in the 2018-2027 CIP cycle.</p> <p>Prior work completed under this project included replacement of pumps at the Mayor Magrath Drive, 2nd Avenue North, 5th Avenue North, 9th Avenue North, Tudor, and Botterills Bottom lift stations. Upgrades to the electrical systems in the 26th Avenue North and Ridgewood lift stations and the heating and ventilation systems in the 9th Avenue North and 39th Street North lift stations were also completed.</p>	<p>This project will:</p> <p>Improve reliability</p> <p>Maintain existing levels of service</p> <p>Lifecycle renewal of a critical equipment</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		500	500									1,000
		500	500									1,000
Total Costs		500	500									1,000
Funding												
Wastewater Capital		500	500									1,000
		500	500									1,000
Total Funding		500	500									1,000

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Wastewater Lift Station Locations

0 500 1,000 2,000 3,000 Meters

Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Phosphorous Recovery**

Dept - Project #: **344**

Start Year: **2020**

End Year: **2022**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>As part of the Wastewater Treatment Plant (WWTP) biological nutrient removal (BNR) process, phosphorous is removed and captured in biosolids. Over time, the suspended phosphorous can create a byproduct called struvite - a crystal structure that builds on pipes, tanks, and pumps.</p> <p>This project will implement equipment to recover the phosphorous, and thus protect existing equipment from blockage and service interruption. This project is also required for the plant to reliably meet regulatory effluent limits.</p>	<p>This project will:</p> <ul style="list-style-type: none"> Leverage use of existing plant components, Increase performance, Improve reliability, Avoid increasing maintenance costs, Support continued growth and development of the City.

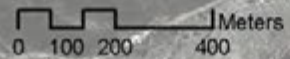
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction					2,600	2,100						4,700
Consultive Services				1,300								1,300
				1,300	2,600	2,100						6,000
Total Costs				1,300	2,600	2,100						6,000
Funding												
Accumulated Surplus					2,600							2,600
Borrowing - Utilities				1,300		2,100						3,400
				1,300	2,600	2,100						6,000
Total Funding				1,300	2,600	2,100						6,000
Estimated Debt Charges		0	0	0	116	116	304	304	304	304	304	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Lagoons and Supernatant Return Pumphouse



Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant UV Disinfection Upgrades**

Dept - Project #: **347**

Start Year: **2022**

End Year: **2023**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Ultraviolet (UV) Disinfection System was installed at the WWTP in 1998. The equipment requires frequent maintenance and is approaching the end of its useful life. Replacement parts and components are becoming difficult to source.</p> <p>This project will upgrade the UV equipment with modern technology to improve equipment performance, reliability, and reduce power usage.</p>	<p>This project will:</p> <p>Improve reliability,</p> <p>Improve existing levels of service and</p> <p>Reduce power usage</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction							2,400					2,400
Consultive Services						600						600
Total Costs						600	2,400					3,000
Funding												
Borrowing - Utilities						600	2,400					3,000
Total Funding						600	2,400					3,000
Estimated Debt Charges		0	0	0	0	0	54	268	268	268	268	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



UV Disinfection Building



0 12.5 25 50 Meters



Major Program: **Wastewater Utility**

Project Title: **Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade**

Dept - Project #: **343**

Start Year: **2022**

End Year: **2024**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Three 1,500 horsepower blowers supply air to the plant's five bioreactors. Replacement of the three existing blowers with smaller blowers will reduce the amount of electricity used. This project will also include modifications to the existing aeration piping to allow individual zone control and allow greater operational efficiency.</p>	<p>This project will:</p> <p>Improve reliability,</p> <p>Improve existing levels of service and</p> <p>Reduce power usage</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction							1,000	1,400				2,400
Consultive Services						600						600
						600	1,000	1,400				3,000
Total Costs						600	1,000	1,400				3,000
Funding												
Borrowing - Utilities						600	1,000	1,400				3,000
						600	1,000	1,400				3,000
Total Funding						600	1,000	1,400				3,000
Estimated Debt Charges		0	0	0	0	0	54	143	268	268	268	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



0 12.5 25 50 Meters

Major Program: **Water Utility**Project Title: **Water Treatment Plant Residuals Management**Dept - Project #: **130**Capital Improvement Program
2018 to 2027Start Year: **2014**End Year: **2019**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-23 of 2014-2023.</p> <p>This project was included in the prior CIP at \$10.75 million. The change in budget is due to conceptual design modifications to comply with the requirements identified in the Alberta Environment approval.</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>Detailed design was completed in early 2018, and a competitive process was used to select a contractor. Construction will begin in October 2018 and the new facilities are expected to be complete by December 2019.</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

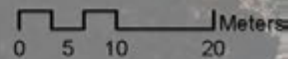
	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	2,200	2,000	11,800									16,000
Equip. & Furnishings	1,000											1,000
	<u>3,200</u>	<u>2,000</u>	<u>11,800</u>									<u>17,000</u>
Total Costs	3,200	2,000	11,800									17,000
Funding												
Borrowing - Utilities	1,800	1,000	9,800									12,600
Water Capital	1,400	1,000	2,000									4,400
	<u>3,200</u>	<u>2,000</u>	<u>11,800</u>									<u>17,000</u>
Total Funding	3,200	2,000	11,800									17,000
Estimated Debt Charges		161	250	1,125	1,125	1,125	1,125	1,125	1,125	1,125	1,125	
Projected Net Operating Costs		0	0	1,500	1,530	1,561	1,592	1,624	1,656	1,689	1,723	

Comments



Water Treatment Plant No. 2 (1956)

Water Treatment Plant No. 3 (1982)



Major Program: **Water Utility**

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

Dept - Project #: **341**

Start Year: **2018**

End Year: **2019**



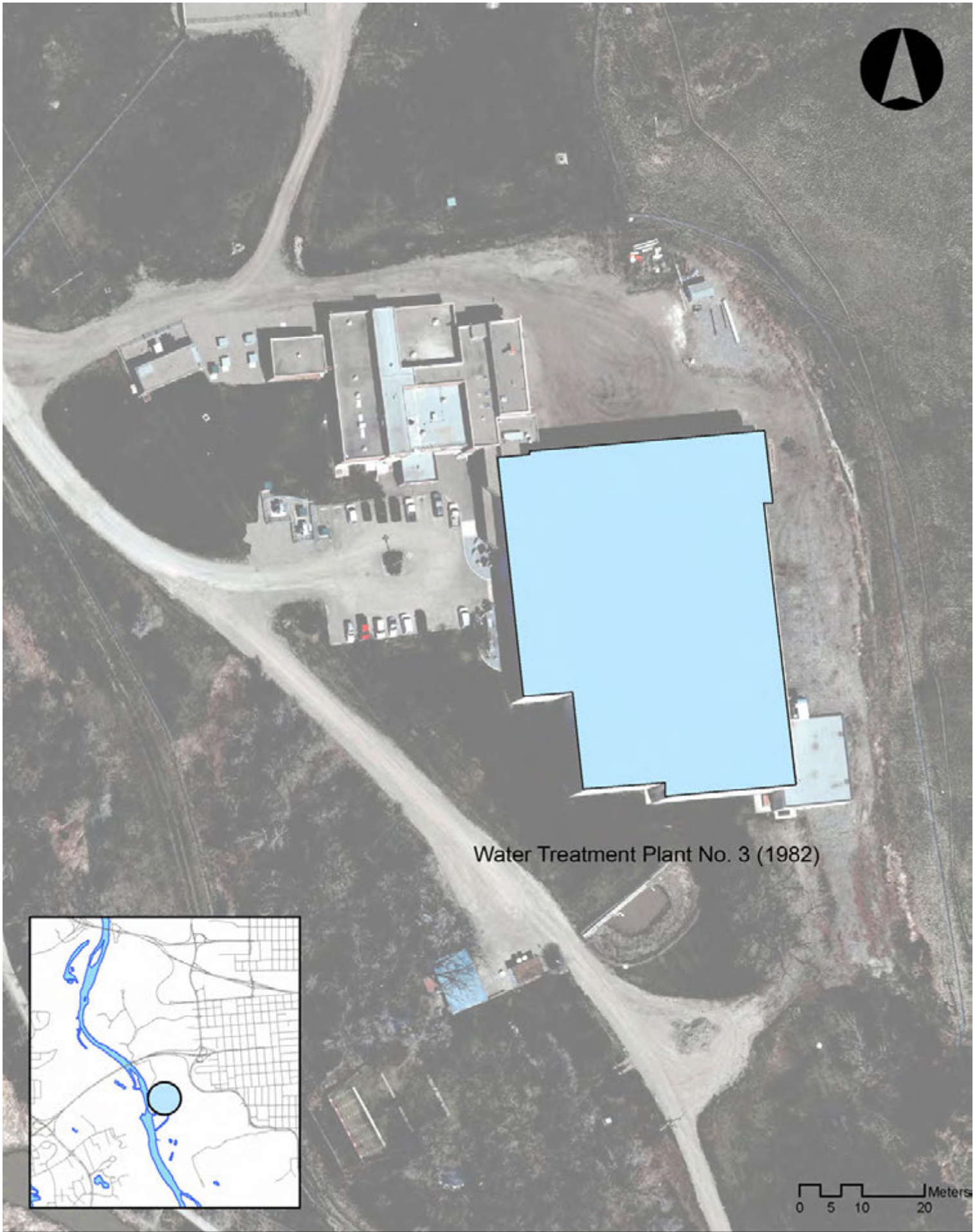
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The Water Treatment Plant was constructed in the early 1980's. Existing instrumentation is outdated and replacement parts and equipment are difficult to obtain.</p> <p>This project will consist of the replacement of existing analytical instrumentation with up-to-date technology.</p>	<p>This project will:</p> <p>Improve reliability</p> <p>Maintain existing levels of service</p>

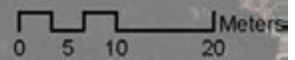
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		1,100	400									1,500
		1,100	400									1,500
Total Costs		1,100	400									1,500
Funding												
Water Capital		1,100	400									1,500
		1,100	400									1,500
Total Funding		1,100	400									1,500
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	0	0	0

Comments



Water Treatment Plant No. 3 (1982)





Capital Improvement Program
2018 to 2027

Major Program: **Water Utility**

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

Dept - Project #: **128**

Start Year: **2013**

End Year: **2021**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project E-21 of 2014-2023.</p> <p>This project was included in the prior CIP at \$5.55 million. The change in budget is due to updated cost estimates based upon conceptual design. The most significant change to the project is the determination that the additional processing equipment cannot be retrofitted into the existing building footprint, resulting in the need to expand the Water Treatment Plant building envelope.</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>The increased cost over the previous estimate has been adjusted based on the completion of the conceptual design for the project.</p>	<p>This project will:</p> <p>Meet redundancy level of service in this portion of the treatment process.</p> <p>Be able 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>Support continued growth and development of the City.</p>

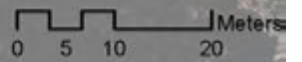
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction	600			5,000	5,000							10,600
Consultive Services	100	400	1,000									1,500
	700	400	1,000	5,000	5,000							12,100
Total Costs	700	400	1,000	5,000	5,000							12,100
Funding												
Borrowing - Utilities	700	400	1,000	5,000	5,000							12,100
	700	400	1,000	5,000	5,000							12,100
Total Funding	700	400	1,000	5,000	5,000							12,100
Estimated Debt Charges		63	98	188	634	1,081	1,081	1,081	1,081	1,081	1,081	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Water Treatment Plant No. 3 (1982)





Capital Improvement Program
2018 to 2027

Major Program: **Water Utility**

Project Title: **Water Reservoir Upgrades**

Dept - Project #: **196**

Start Year: **2016**

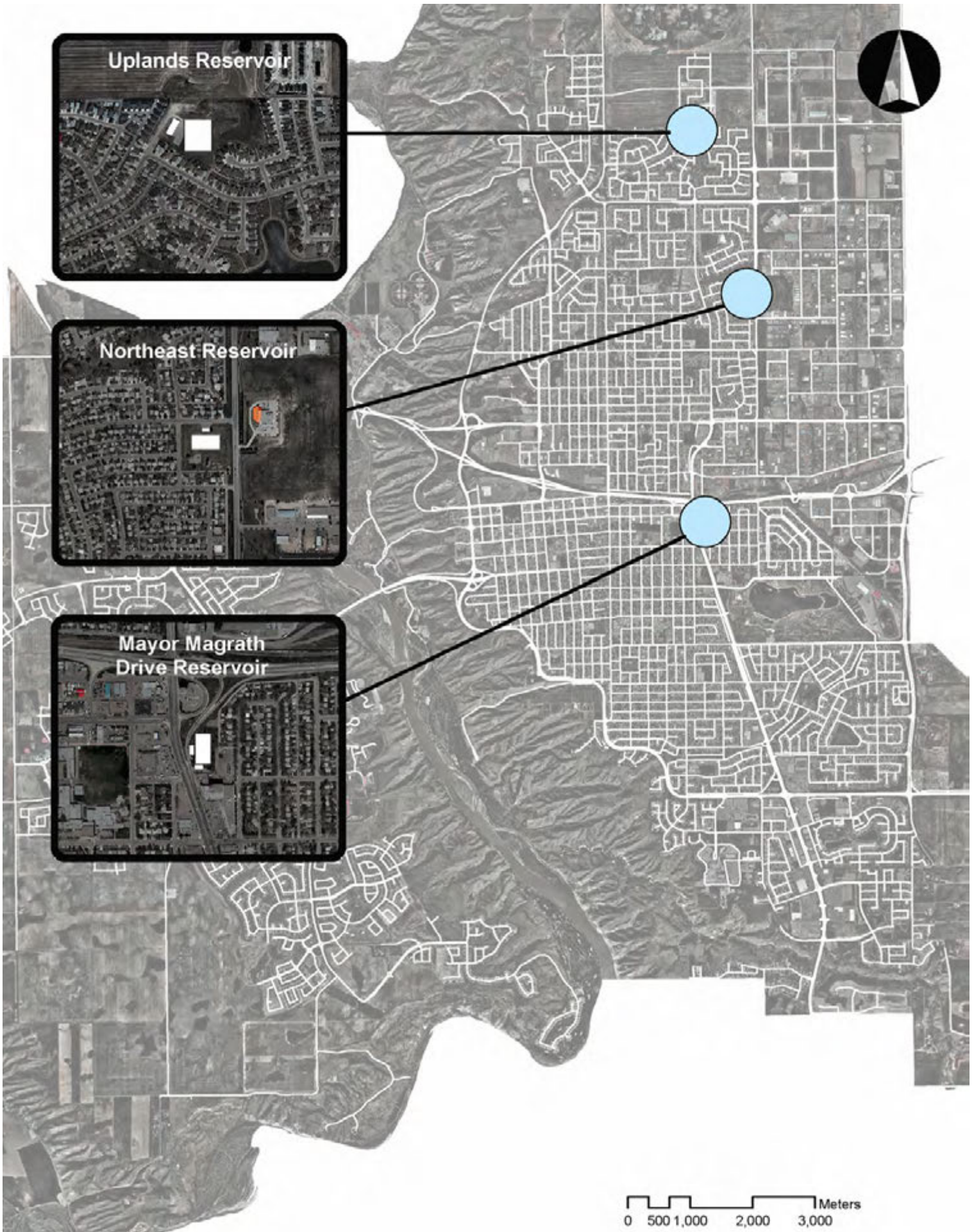
End Year: **2021**

<u>Description & Location</u>	<u>Purpose & Justification</u>															
<p>Continuation of previous project E-22 of 2014-2023.</p> <p>This project was included in the prior CIP at \$9.4 million. The change in timing is due to the amended scope (Nov 24, 2014 CIP amendment) and the advanced priority of storage requirements at the Northeast reservoir. The facilities need to be scheduled to be out of service in a phased approach to sustain operations.</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>\$3,600,000</td> <td>2016-2019</td> </tr> <tr> <td>Uplands</td> <td>\$3,700,000</td> <td>2018-2020</td> </tr> <tr> <td>Mayor Magrath Dr</td> <td>\$2,100,000</td> <td>2019-2021</td> </tr> <tr> <td>Total</td> <td>\$9,400,000</td> <td></td> </tr> </tbody> </table> <p>Funding of \$2.2 million was advanced from Agriculture and Forestry Alberta towards this reservoir project which necessitates the transfer of water utility capital/accumulated surplus to the Sherring Business and Industrial Park Expansion project.</p>	Reservoir	Cost	Schedule	Northeast	\$3,600,000	2016-2019	Uplands	\$3,700,000	2018-2020	Mayor Magrath Dr	\$2,100,000	2019-2021	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	\$3,600,000	2016-2019														
Uplands	\$3,700,000	2018-2020														
Mayor Magrath Dr	\$2,100,000	2019-2021														
Total	\$9,400,000															

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction	2,970		2,000	2,000	1,000							7,970
Consultive Services	30	400	500	500								1,430
	<u>3,000</u>	<u>400</u>	<u>2,500</u>	<u>2,500</u>	<u>1,000</u>							<u>9,400</u>
Total Costs	3,000	400	2,500	2,500	1,000							9,400
Funding												
Borrowing - Utilities	450	400	2,500	2,500	1,000							6,850
Grant - AB Comm Partnership	350											350
Grant - Special Provincial	2,200											2,200
	<u>3,000</u>	<u>400</u>	<u>2,500</u>	<u>2,500</u>	<u>1,000</u>							<u>9,400</u>
Total Funding	3,000	400	2,500	2,500	1,000							9,400
Estimated Debt Charges		165	174	287	510	599	599	599	599	599	599	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



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

Project Title: **Watermain Loop Metis Trail (Coalbanks Link to Temple Blvd)**

Dept - Project #: **129**

Start Year: **2014**

End Year: **2018**



Capital Improvement Program
2018 to 2027

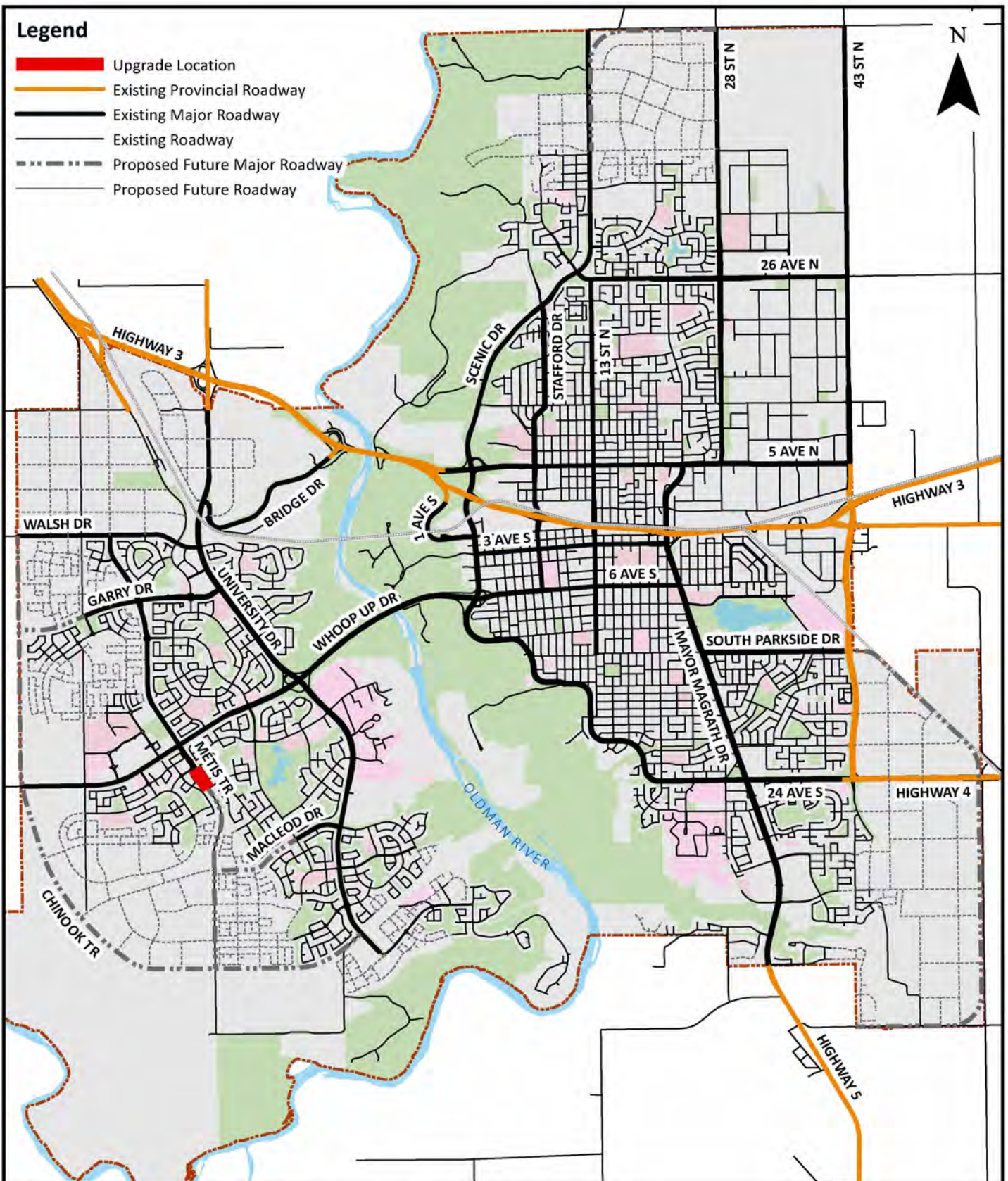
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Modification of previous CIP project EO-4 of 2014-2023.</p> <p>This project was in the prior CIP at \$611,000. The change in cost estimate is due to a reduction in scope requirement. In order to reduce pressure on the Offsite Levy, the project timeline has changed.</p> <p>Create a water main loop in Metis Trail from Coalbanks Link to Temple Blvd. The project will provide looping (improved reliability) and pressure in the system in the neighbourhoods adjacent to the project.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>This project is being completed to:</p> <p>Improve reliability of the water system.</p> <p>Keep up with demands of the growing Copperwood neighbourhood.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction		250										250
		250										250
Total Costs		250										250
Funding												
Offsite Levies		250										250
		250										250
Total Funding		250										250

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Métis Trail West Watermain Loop Coalbanks Link W to Temple Blvd W



CITY OF
Lethbridge

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

Project Title: **West Siphon Screen Relocation**

Dept - Project #: **180**

Start Year: **2019**

End Year: **2020**



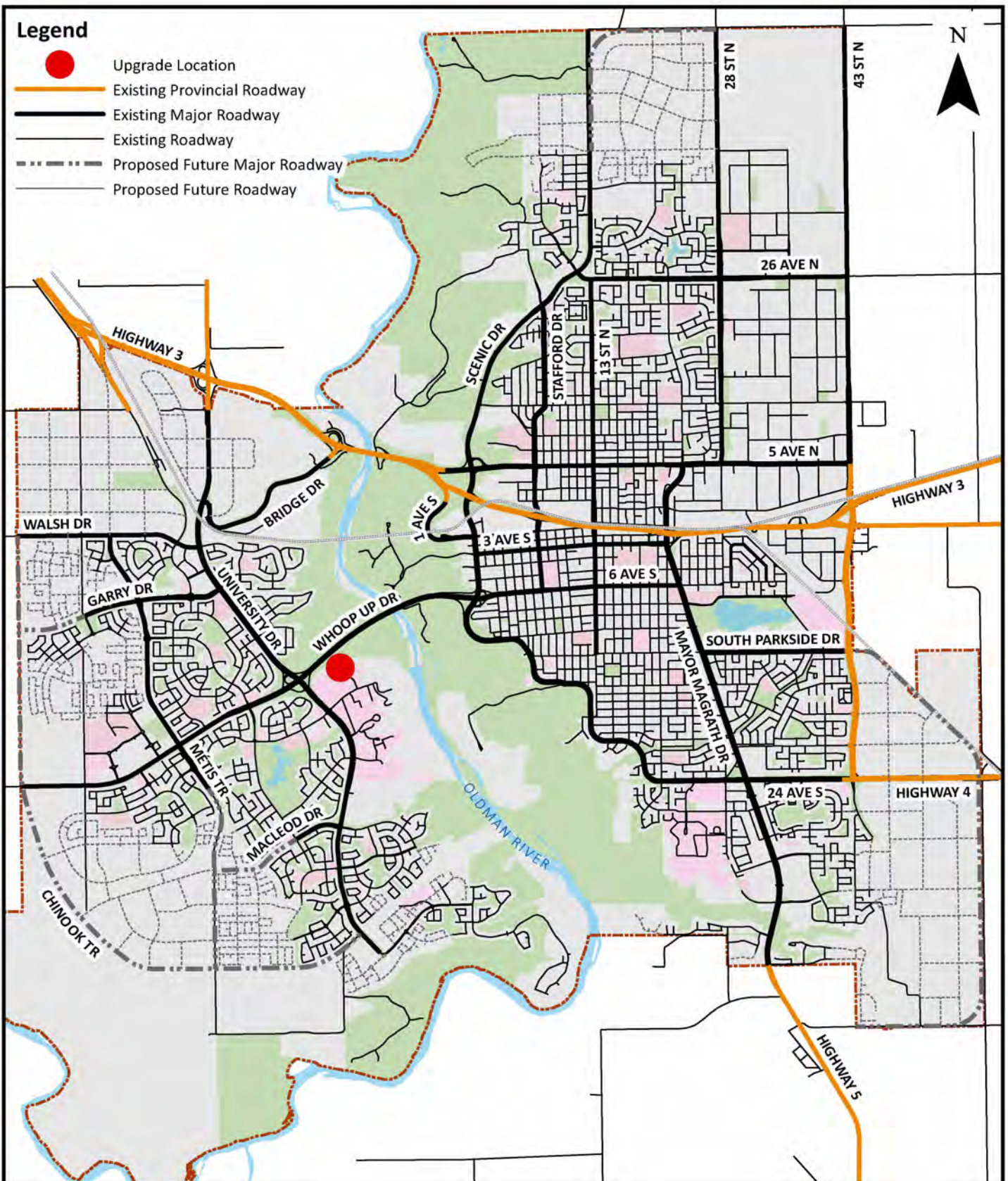
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Modification of existing CIP project EO-3 of 2014-2023.</p> <p>This project was included in the prior CIP at \$1.655 million. In order to reduce pressure on the Offsite Levy, the project timeline has changed.</p> <p>The existing siphon is presently operating at full capacity. 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 southern areas of West Lethbridge.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>The project will:</p> <p>Leverage use of existing infrastructure.</p> <p>Extend existing levels of service.</p> <p>Allow continued growth and development in southern areas of West Lethbridge.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction			850	850								1,700
			850	850								1,700
Total Costs			850	850								1,700
Funding												
Borrowing - Offsites			850	850								1,700
			850	850								1,700
Total Funding			850	850								1,700
Estimated Debt Charges		0	0	303	607	607	303	0	0	0	0	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Westside Siphon Screen Relocation



CITY OF
Lethbridge

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

Project Title: **Utility Extension Whoop Up (Mauretania Rd to 30th St)**

Dept - Project #: **351**

Start Year: **2026**

End Year: **2026**



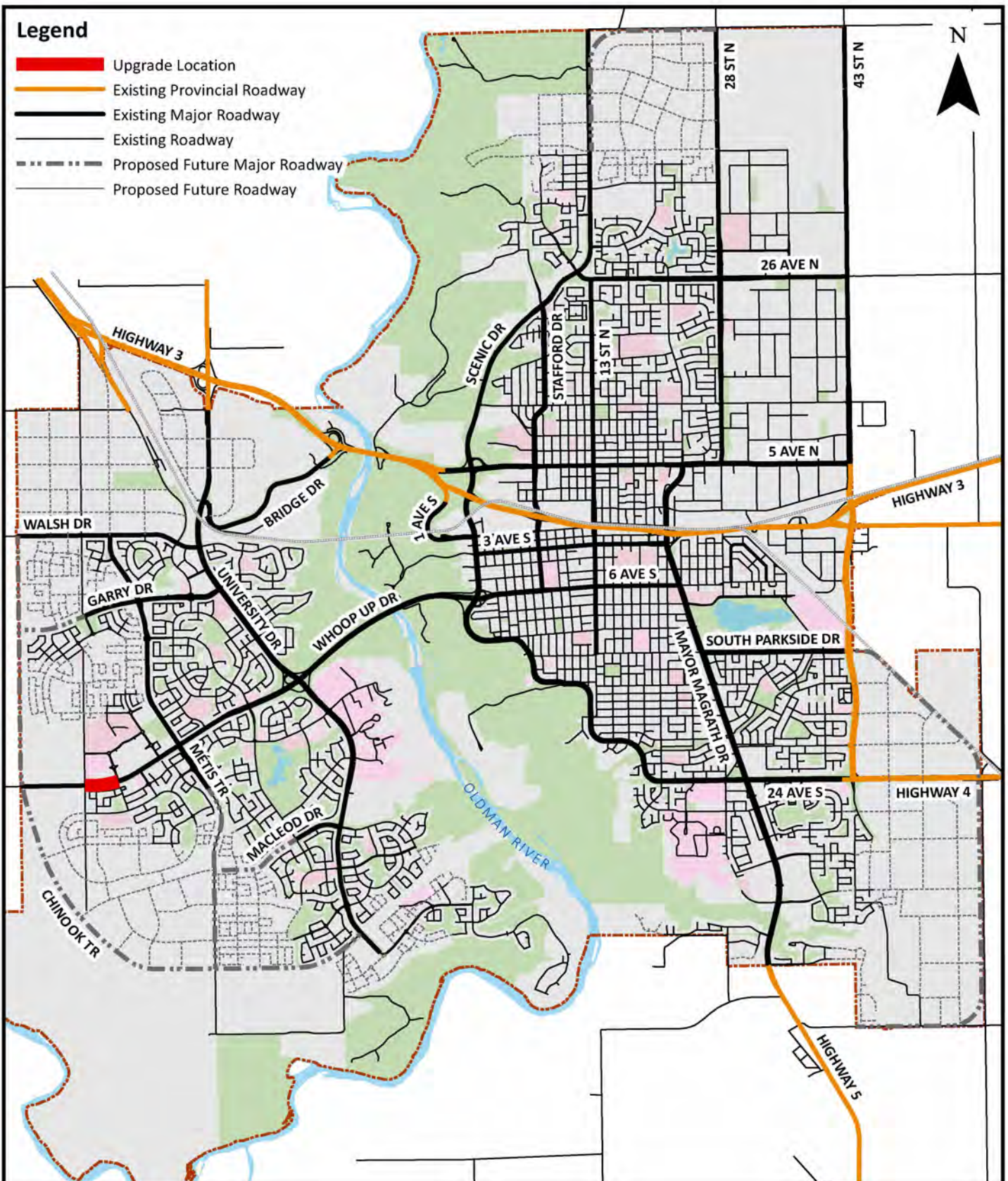
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Extend utility services along Whoop Up Drive West to 30th Street.</p> <p>This project includes water and sanitary sewer.</p> <p>This project is driven by developer timing for areas adjacent to Whoop Up Drive and west of 30th Street.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>This project will extend utility services westward on Whoop Up Drive to 30th Street allowing for ongoing development in the Crossings/Piers and Copperwood neighbourhoods west of 30th Street. The project will need to occur in advance of the full urbanization of Whoop Up Drive past 30th Street and the construction of the neighbourhood entrances at 30th Street.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction										2,400		2,400
										2,400		2,400
Total Costs										2,400		2,400
Funding												
Borrowing - Offsites										2,400		2,400
										2,400		2,400
Total Funding										2,400		2,400
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	214	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Whoop Up Drive Mauretania Rd W to 30 St W



CITY OF
Lethbridge

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

Project Title: **Macleod Westward Storm Outfall**

Dept - Project #: **352**

Start Year: **2026**

End Year: **2026**



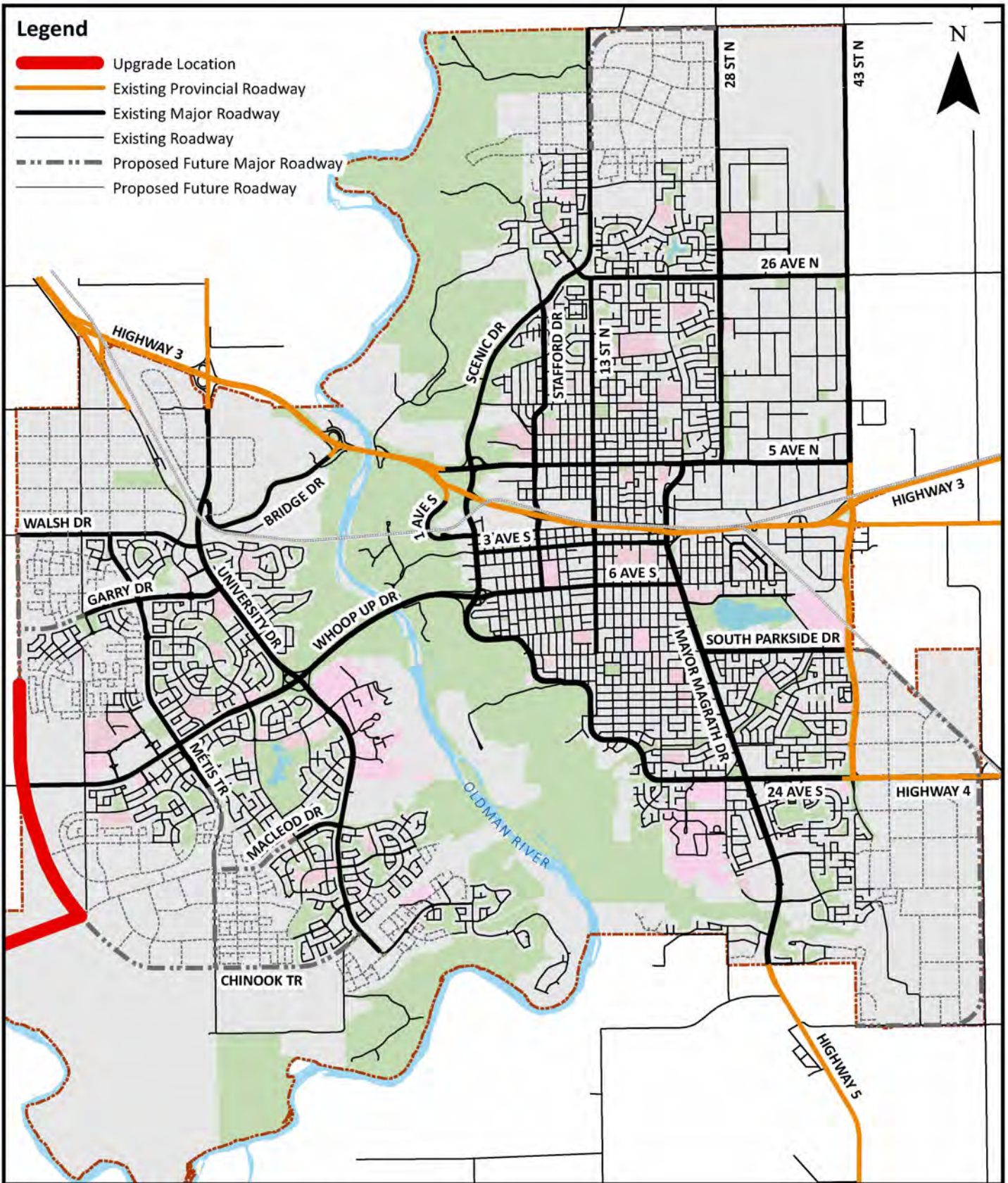
Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>A new storm outfall draining to the Oldman River proceeding westward in the vicinity of the extension of Macleod Drive West.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>As growth in the westside peninsula proceeds the land begins to slope towards the west. A storm water outfall will be required to drain the area of the peninsula west of the drainage divide and south of Whoop Up Drive. Several future outfalls have been identified that will allow growth on the peninsula to proceed. Growth projections indicate that a new outfall draining the south west portion of the peninsula will be required by approximately 2026.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction										3,350		3,350
										3,350		3,350
Total Costs										3,350		3,350
Funding												
Borrowing - Offsites										3,350		3,350
										3,350		3,350
Total Funding										3,350		3,350
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	299	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Macleod Drive West Storm Outfall

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

Project Title: **Utility Extension Macleod Drive (Mount Burke to Metis Tr)**

Dept - Project #: **353**

Start Year: **2027**

End Year: **2027**



Capital Improvement Program
2018 to 2027

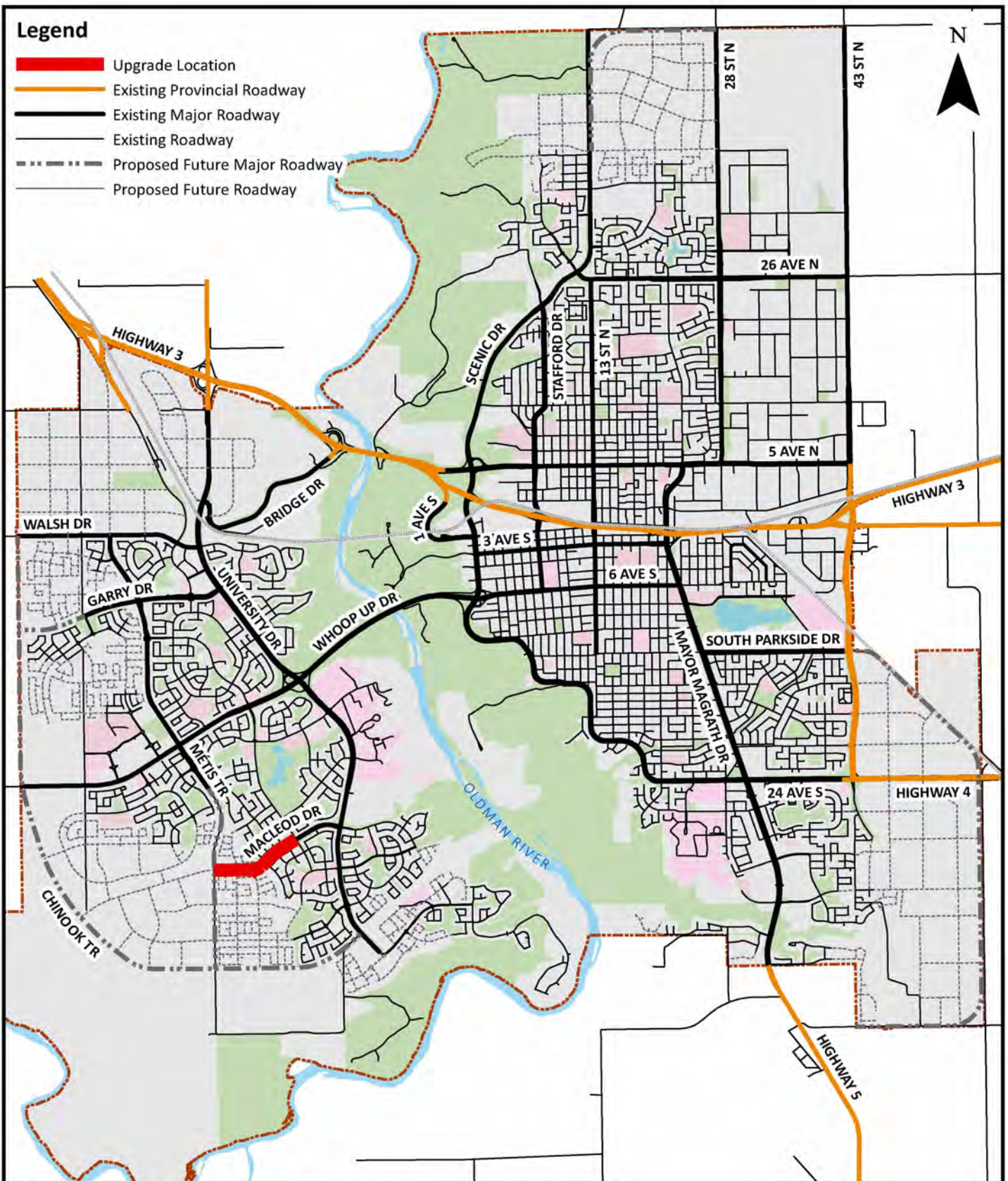
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Extend underground utilities along Macleod Drive from Mount Burke Blvd to Metis Trail servicing growth in Watermark. Includes water, sanitary sewer and storm sewer service.</p> <p>The actual timing of this project is subject to the financial capacity of the offsite levy and the growth requirements of the community.</p>	<p>This project extends utility services to allow growth to continue in Watermark. Growth projections indicate that utility extensions will be required by this time.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Construction											1,750	1,750
											1,750	1,750
Total Costs											1,750	1,750
Funding												
Borrowing - Offsites											1,750	1,750
											1,750	1,750
Total Funding											1,750	1,750

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Macleod Drive Utility Extension Mt. Burke Blvd W to Métis Tr W



CITY OF
Lethbridge

**INFRASTRUCTURE
ELECTRIC UTILITY
CAPITAL IMPROVEMENT PROJECTS
2018-2027**

City of Lethbridge
Infrastructure - Electric Utility
Capital Improvement Program 2018 - 2027

		Project Costs											
Page		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
Project Costs		All amounts below are in thousands											
Infrastructure - Electric Utility													
<u>Electric - Transmission</u>													
Substations													
	Protection and Control	F - 4	70			500	550					1,120	
	Substation Transformer Upgrades	F - 5	1,250	2,500	2,593	2,657	2,633	2,760	1,415			15,808	
	Substation Infrastructure (Yard/Building) Upgrades	F - 6	133									133	
	Substation Breakers and Switches Upgrade	F - 7	1,395	203			750	1,200				3,548	
	Substation 13.8kV Switchgear Upgrades	F - 8	4,000	4,800								8,800	
Transmission Lines													
	Transmission Tie Lines	F - 9	1,255							10,000		11,255	
			8,103	7,503	2,593	2,657	3,883	4,510	1,415			40,664	
<u>Electric - Distribution</u>													
Distribution													
	Distribution Extension & Improvement Annual Program	F - 10	9,293	9,758	10,245	10,757	10,865	10,973	11,083	11,194	11,306	11,419	106,893
	Distribution Renewal Annual Program	F - 11	3,207	3,239	3,271	3,304	3,337	3,371	3,404	3,438	3,473	3,507	33,551
			12,500	12,997	13,516	14,061	14,202	14,344	14,487	14,632	14,779	14,926	140,444
<u>Electric - Support</u>													
Communications													
	Dark Fibre and Communications Systems	F - 12	148	160	262	671	75	145	145	145	145	145	2,041
Other Support													
	Fleet Annual Program	F - 13	1,315	950	393	1,145	1,090	872	495	880	750	750	8,640
	Support Plant Renewal Annual Program	F - 14	680	351	413	355	232	232	233	233	234	234	3,197
System Control (SCADA)													
	Electric System Control	F - 15	350	295	9	122	124	127	129	132	135	137	1,560
			2,493	1,756	1,077	2,293	1,521	1,376	1,002	1,390	1,264	1,266	15,438
TOTAL PROJECTS			23,096	22,256	17,186	19,011	19,606	20,230	16,904	16,022	26,043	16,192	196,546
Project Funding													
	Borrowing - Utilities		8,684	15,106	10,789	11,263	8,692	8,779	8,866	8,955	9,045	9,135	99,314
	Customer Charges		1,859	1,952	2,049	2,151	2,173	2,194	2,217	2,239	2,261	2,284	21,379
	Reserve - Electric		12,553	5,198	4,348	5,597	8,741	9,257	5,821	4,828	14,737	4,773	75,853
TOTAL FUNDING			23,096	22,256	17,186	19,011	19,606	20,230	16,904	16,022	26,043	16,192	196,546

City of Lethbridge
Infrastructure - Electric Utility
Capital Improvement Program 2018 - 2027
Net Operating Costs

There is no operating cost information related to this section.

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



CITY OF
Lethbridge

Major Program: **Substations**

Project Title: **Protection and Control**

Dept - Project #: **TP01**

Start Year: **2018**

End Year: **2023**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The City of Lethbridge has six main transmission substations ("Points of Delivery") that operate throughout the city that deliver power to the Distribution system.</p> <p>Current Project and Program Requirements:</p> <p>Purchase Aspen software to facilitate engineering analysis of protection and control systems.</p> <p>Substation 593S, Replace existing Line Protection and Metering equipment (end of life).</p> <p>Substation 146S, Replace existing Line Protection and Metering equipment (end of life).</p> <p>Substation 241S, Replace existing Line Protection and Metering equipment (end of life).</p>	<p>Substations convert 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.</p> <p>Protection and Control encompasses equipment that is utilized for the purposes of providing protection, control, operation and observation of the status of the transmission system. The life expectancy of this electronic equipment is estimated to be 10 to 15 years.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Replacements		70				500	550					1,120
		70				500	550					1,120
Total Costs		70				500	550					1,120
Funding												
Reserve - Electric		70				500	550					1,120
		70				500	550					1,120
Total Funding		70				500	550					1,120

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: **Ongoing**



CITY OF
Lethbridge

Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The City of Lethbridge has six main transmission substations ("Points of Delivery") that operate throughout the city that deliver power to the Distribution system.</p> <p>Current Project and Program Requirements:</p> <p>Upgrade Transformers from 30 MVA to 50 MVA capacity to facilitate renewal of end of life assets and provide for future load growth.</p> <p>Substation 241S, Replace transformer T2 Substation 241S, Replace transformer T1 Substation 146S, Replace transformer T1 Substation 146S, Replace transformer T2 Substation 593S, Replace transformer T2 Substation 674S, Replace transformer T1</p>	<p>Substations convert 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.</p> <p>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 project provides funding for the replacement of major power transformers that have reached end of life. Testing and monitoring results are captured at regular intervals and used in an end of life study to allow for long term planning to upgrade these assets.</p> <p>The Transformers identified in this CIP will have been in service for 35 to 40 years which is the expected life expectancy for these assets.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Replacements		1,250	2,500	2,593	2,657	2,633	2,760	1,415				15,808
		1,250	2,500	2,593	2,657	2,633	2,760	1,415				15,808
Total Costs		1,250	2,500	2,593	2,657	2,633	2,760	1,415				15,808
Funding												
Borrowing - Utilities		1,250	2,500	2,593	2,657							9,000
Reserve - Electric						2,633	2,760	1,415				6,808
		1,250	2,500	2,593	2,657	2,633	2,760	1,415				15,808
Total Funding		1,250	2,500	2,593	2,657	2,633	2,760	1,415				15,808
Estimated Debt Charges		0	112	335	568	807	807	807	807	807	807	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Major Program: **Substations**

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

Dept - Project #: **TS05**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

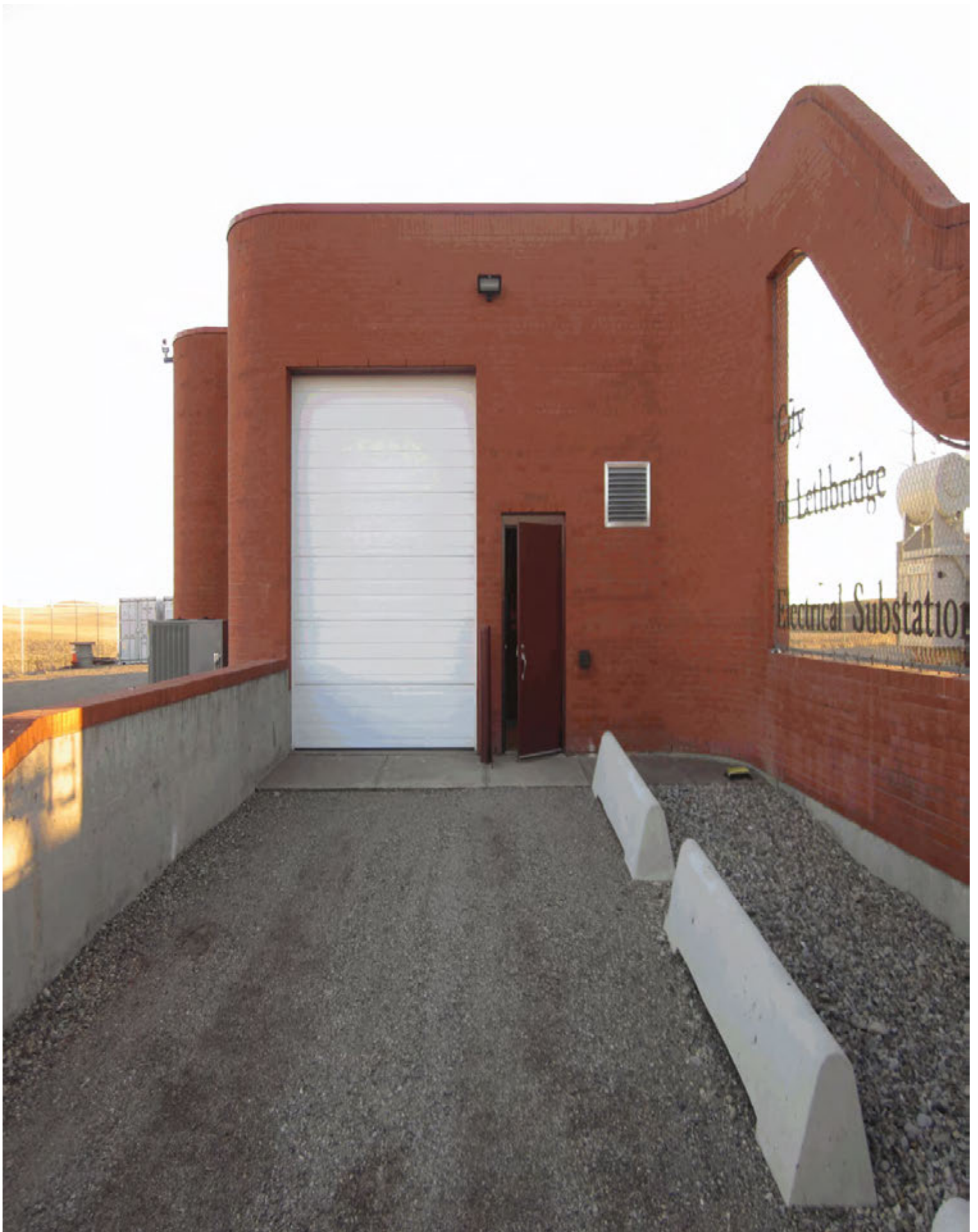
<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project was included in the prior CIP at \$133,000.</p> <p>The City of Lethbridge has six main transmission substations ("Points of Delivery") that operate throughout the city that deliver power to the Distribution system.</p> <p>Current Project and Program Requirements:</p> <p>Substation 146S, Upgrade roof of control building.</p> <p>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.</p> <p>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.</p> <p>The roofs of the control buildings at 146S and 593S are at end of life and due for replacement.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Line Upgrading		133										133
		133										133
Total Costs		133										133
Funding												
Reserve - Electric		133										133
		133										133
Total Funding		133										133

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>





Capital Improvement Program
2018 to 2027

Major Program: **Substations**

Project Title: **Substation Breakers and Switches Upgrade**

Dept - Project #: **TS06**

Start Year: **2018**

End Year: **2023**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The City of Lethbridge has six main transmission substations ("Points of Delivery") that operate throughout the city that deliver power to the Distribution system.</p> <p>Current Project and Program Requirements:</p> <p>Substation 111S, Phase 1 - Add 2 motorized air break switches for line isolation.</p> <p>Substation 146S, Upgrade motorized disconnect switches.</p> <p>Substation 593S, Upgrade motorized disconnect switches.</p> <p>Substation 674S, Upgrade 138 kV circuit breakers.</p> <p>Substation 111S, Phase 2 - Reinforce lattice structure, add motorized air break switches for bus isolation.</p>	<p>Substations convert 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.</p> <p>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 provides for the lifecycle upgrading of high voltage circuit breakers and disconnect switches which are utilized to control and isolate the flow of power within the substation.</p> <p>Due to differential settling of the 111S site it is necessary to make upgrades to the existing station infrastructure. This will ensure equipment can be efficiently taken out of service and repaired while maintaining services to existing customers supplied from 111S.</p> <p>The motorized disconnect switches at 146S and 593S have reached end of life.</p> <p>138 kV circuit breakers at 674S have reached end of life.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Replacements		1,395	203			750	1,200					3,548
		1,395	203			750	1,200					3,548
Total Costs		1,395	203			750	1,200					3,548
Funding												
Reserve - Electric		1,395	203			750	1,200					3,548
		1,395	203			750	1,200					3,548
Total Funding		1,395	203			750	1,200					3,548

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Substations**

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

Dept - Project #: **TS07**

Start Year: **2014**

End Year: **2019**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Continuation of previous CIP project F-6 of 2014-2023.</p> <p>This project was included in the prior CIP at \$8 million. Through our experience with the design & construction of 241S, we have determined that increased funding will be required to complete the work at 146S and 593S.</p> <p>The City of Lethbridge has six main transmission substations ("Points of Delivery") that operate throughout the city that deliver power to the Distribution system.</p> <p>Current Project and Program Requirements:</p> <p>Substation 146S, Upgrade 13.8kV Switchgear equipment including building modifications/additions required to accommodate the new switchgear - 2017/2018.</p> <p>Substation 593S, Upgrade 13.8kV Switchgear equipment including building modifications/additions required to accommodate the new switchgear - 2018/2019.</p>	<p>Substations convert 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.</p> <p>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>146S and 593S switchgear equipment is at the end of life and needs to be replaced. The buildings that contain the switchgear will require modification to accommodate the new switchgear.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Replacements	5,361	4,000	4,800									14,161
	5,361	4,000	4,800									14,161
Total Costs	5,361	4,000	4,800									14,161
Funding												
Borrowing - Utilities			4,800									4,800
Reserve - Electric	2,553	4,000										6,553
Reserve - MRSR	2,808											2,808
	5,361	4,000	4,800									14,161
Total Funding	5,361	4,000	4,800									14,161
Estimated Debt Charges		0	0	429	429	429	429	429	429	429	429	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Major Program: **Transmission Lines**

Project Title: **Transmission Tie Lines**

Dept - Project #: **TS14**

Start Year: **2018**

End Year: **2026**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>In 2018, changes to the transportation right of way adjacent to 24th Avenue South (Highway 4) are required to facilitate the construction and long term access to the Southbrook residential subdivision. An LEU transmission line (824L) exists within the existing 24th Avenue South road right of way and needs to be reconfigured to facilitate the revised road right of way requirements.</p> <p>In 2026, a new 138kV transmission line connection between the north and south ends of West Lethbridge will be required to support growth in electrical load in West Lethbridge. In addition, site modifications to support the additional line will be required at 674S and 181S substations.</p>	<p>Substations convert 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.</p> <p>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 existing AESO long term plan for transmission facilities in the Lethbridge area indicates a need for an additional line to be installed in West Lethbridge. This line would ensure reliability of supply to both 674S and 181S substations and customers throughout West Lethbridge.</p>

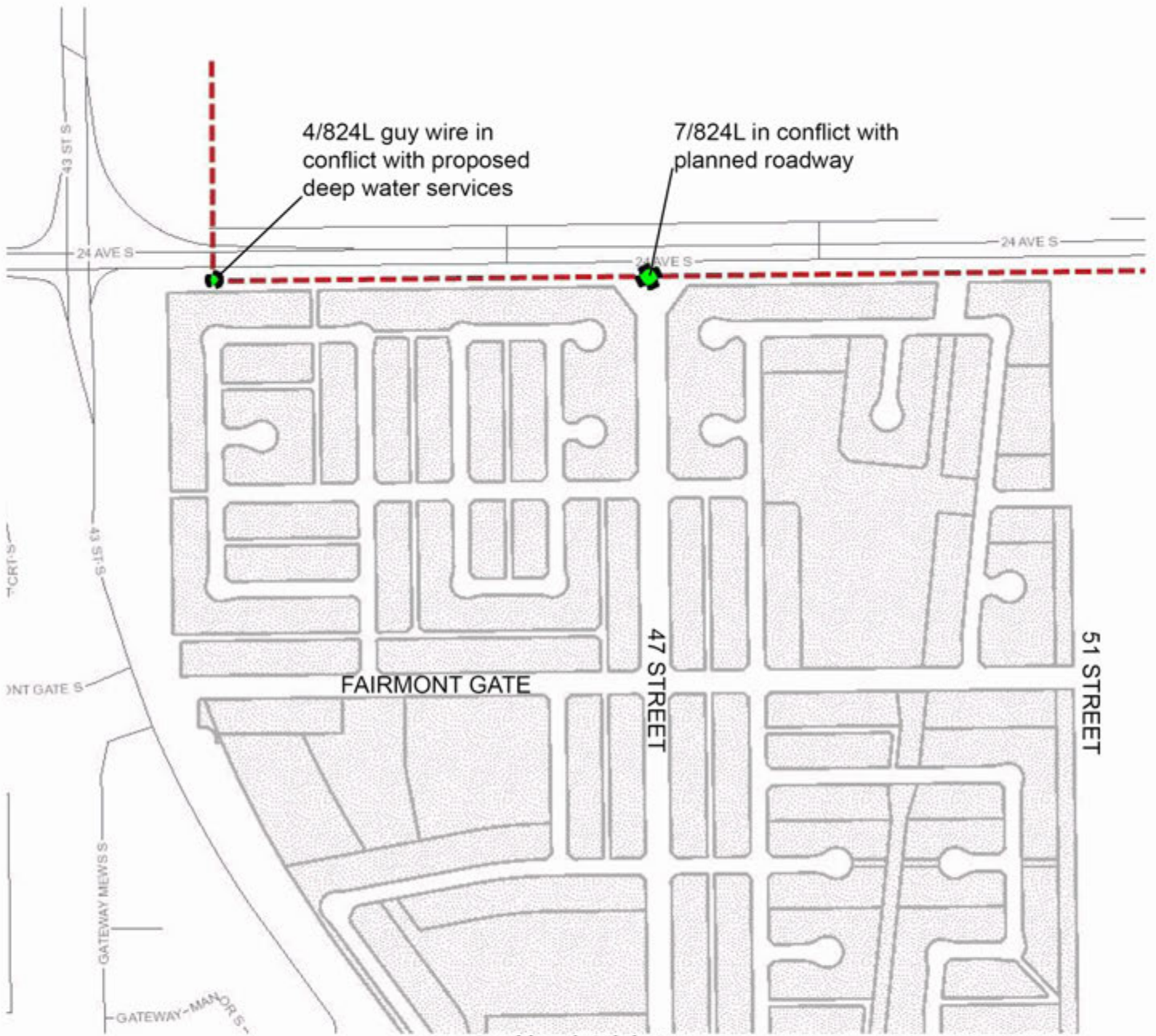
All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Additions		1,255								10,000		11,255
		1,255								10,000		11,255
Total Costs		1,255								10,000		11,255
Funding												
Reserve - Electric		1,255								10,000		11,255
		1,255								10,000		11,255
Total Funding		1,255								10,000		11,255

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



4/824L guy wire in conflict with proposed deep water services

7/824L in conflict with planned roadway

FAIRMONT GATE

47 STREET

51 STREET

Southbrook Subdivision

Major Program: **Distribution**

Project Title: **Distribution Extension & Improvement Annual Program**

Dept - Project #: **DA01**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<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 areas currently serviced by FortisAlberta.</p> <p>Currently there are 900 km of 13.8 kV Primary lines, 4,500 transformers, and 40,000 customer delivery points.</p> <p>Program requires an average of 5.5% - 6% of rate base in new investment annually. Annual program reinvestment forecast is based on annual plant depreciation of 4%.</p> <p>Program Projects:</p> <ul style="list-style-type: none"> 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 	<p>As a wires service provider, the City of Lethbridge is responsible to provide electrical connection services to all customers within the corporate city limits.</p> <p>A new request to provide power to any home or business requires funding to extend and adapt the existing electrical system to accommodate the new load while maintaining the same power quality and reliability to existing customers.</p> <p>Extensions to the Electric Utility are driven by development within the community.</p> <p>Improvements are made as a result of condition assessments of existing infrastructure. Priority for improvement projects is driven by public safety concerns first and impact on system reliability second.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Line Upgrading		9,293	9,758	10,245	10,757	10,865	10,973	11,083	11,194	11,306	11,419	106,893
		<u>9,293</u>	<u>9,758</u>	<u>10,245</u>	<u>10,757</u>	<u>10,865</u>	<u>10,973</u>	<u>11,083</u>	<u>11,194</u>	<u>11,306</u>	<u>11,419</u>	<u>106,893</u>
Total Costs		9,293	9,758	10,245	10,757	10,865	10,973	11,083	11,194	11,306	11,419	106,893
Funding												
Borrowing - Utilities		7,434	7,806	8,196	8,606	8,692	8,779	8,866	8,955	9,045	9,135	85,514
Customer Charges		1,859	1,952	2,049	2,151	2,173	2,194	2,217	2,239	2,261	2,284	21,379
		<u>9,293</u>	<u>9,758</u>	<u>10,245</u>	<u>10,757</u>	<u>10,865</u>	<u>10,973</u>	<u>11,083</u>	<u>11,194</u>	<u>11,306</u>	<u>11,419</u>	<u>106,893</u>
Total Funding		9,293	9,758	10,245	10,757	10,865	10,973	11,083	11,194	11,306	11,419	106,893
Estimated Debt Charges		0	664	1,361	2,093	2,861	3,638	4,422	5,213	6,013	6,821	
Projected Net Operating Costs		0	0	0	0	0	0	0	0	0	0	

Comments



Shallow Utility Installations in Residential Subdivisions



Main Line Feeders



Overhead Lines



Commercial and Industrial Servicing

Major Program: **Distribution**

Project Title: **Distribution Renewal Annual Program**

Dept - Project #: **DA02**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides for the renewal and life extension of the existing core assets that provide bulk power shipment through the electric distribution system.</p> <p>The core backbone of the distribution system are referred to as the "main line feeders". The main feeders are critical to maintaining the reliability of supply of electrical power to customers throughout the city. When a "main line" fault occurs thousands of customers can be impacted.</p> <p>This program ensures that main lines are reviewed and renewed proactively to minimize the number of faults that could occur.</p>	<p>As a wire service provider, the City of Lethbridge is responsible to provide safe and reliable power distribution to the residents of Lethbridge.</p> <p>This program provides funding to rebuild and replace main line feeder circuits, both overhead and underground, throughout the city on a priority basis.</p> <p>This program is meant to focus on main line feeds in order to maintain the level of reliability that currently exists on the distribution network.</p>

All amounts below are in thousands of dollars

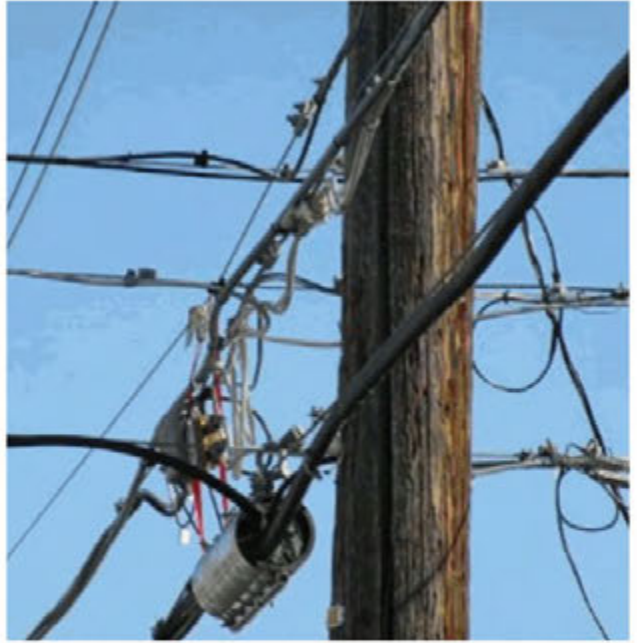
	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Line Upgrading		3,207	3,239	3,271	3,304	3,337	3,371	3,404	3,438	3,473	3,507	33,551
		<u>3,207</u>	<u>3,239</u>	<u>3,271</u>	<u>3,304</u>	<u>3,337</u>	<u>3,371</u>	<u>3,404</u>	<u>3,438</u>	<u>3,473</u>	<u>3,507</u>	<u>33,551</u>
Total Costs		3,207	3,239	3,271	3,304	3,337	3,371	3,404	3,438	3,473	3,507	33,551
Funding												
Reserve - Electric		3,207	3,239	3,271	3,304	3,337	3,371	3,404	3,438	3,473	3,507	33,551
		<u>3,207</u>	<u>3,239</u>	<u>3,271</u>	<u>3,304</u>	<u>3,337</u>	<u>3,371</u>	<u>3,404</u>	<u>3,438</u>	<u>3,473</u>	<u>3,507</u>	<u>33,551</u>
Total Funding		3,207	3,239	3,271	3,304	3,337	3,371	3,404	3,438	3,473	3,507	33,551

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Overhead Main Line Assessment



Overhead Main Line Structure at End of Life



New Overhead Main Line Brought into Place



Major Program: **Communications**

Project Title: **Dark Fibre and Communications Systems**

Dept - Project #: **CS01**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides dark fibre for the City of Lethbridge networks, and not for profit entities. The internal City customers include: Electric Utility, Corporate Information Technology, Water/Wastewater, Radio, Fire, Police and the Emergency Operations Centre/Public Safety Communications Centre. The external/not for profit customers include: Alberta Health Services, University of Lethbridge, Lethbridge College, and Cybera. This program includes the addition of new fibre facilities and replacement of existing fibre facilities.</p> <p>In addition, this program provides funding for communication systems used solely by the Electric Utility to provide secure data services between remote facilities and the main operations center. Devices include data switches, data routers, firewalls, multiplexers, and radios.</p> <p>Addition/Replacement Projects Dark Fibre: Addition: Bridge Drive Replacement: 26th Avenue North Replacement: 43rd Street North Addition: 28th Street Loop Addition: Westside Public Operations Depot Addition: Wastewater Treatment Plant Loop Replacement: Other Projects</p>	<p>The Dark Fibre system supports the customer need to have:</p> <ul style="list-style-type: none"> - Access to an open, dedicated and secure fibre link between sites - Reduction of Telco (Telus/Rogers/Bell) dependencies <p>The communication system provides the Electric Utility with the funding to provide the data network hardware facilities used to send secure information to infrastructure throughout the City of Lethbridge. This includes data and physical security requirements which are mandated by the Alberta Electric System Operator.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Additions		24	151	186	571		100	100	100	100	100	1,432
Replacements		124	9	76	100	75	45	45	45	45	45	609
		148	160	262	671	75	145	145	145	145	145	2,041
Total Costs		148	160	262	671	75	145	145	145	145	145	2,041
Funding												
Reserve - Electric		148	160	262	671	75	145	145	145	145	145	2,041
		148	160	262	671	75	145	145	145	145	145	2,041
Total Funding		148	160	262	671	75	145	145	145	145	145	2,041

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>

Major Program: **Other Support**

Project Title: **Fleet Annual Program**

Dept - Project #: **SF03**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<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>Addition of Cable Puller and Hydrovac unit Tandem Line Truck (L-15) Fibre trailer Multiple 3/4 ton pick up trucks Tandem Line Truck (L-19) Loader Back Hoe units Metering and locating vans Existing Cable Puller Tamper Crossover vehicles Double Bucket Line truck (L-26) Large Trouble truck (L-1) Loader Back Hoe 3-Reel trailer</p> <p>Future projections are only based on replacements of existing fleet.</p>	<p>Fleet vehicles are required in support of other capital programs as well as ongoing maintenance and system operation.</p> <p>The majority of the fleet budget is spent on replacements of existing units. Most units operate on a 10 year replacement schedule as directed by Fleet Services. Before replacing a unit, a condition assessment is done in order to ensure replacement is required prior to purchasing a new vehicle and also to ensure that the fleet is being managed appropriately.</p> <p>The additions to the Electric Fleet include:</p> <p>Cable Puller: This unit is required in order to accommodate the large amount of underground infrastructure we are constructing. It also provides us the flexibility to continue working if the current unit were to fail.</p> <p>Hydrovac unit: Electric does a large amount of work using a Hydrovac unit which is currently contracted out. Due to current ground disturbance regulations and the amount of overhead primary feeder pole replacements going on, this requirement will increase. This unit will allow operations the ability to plan and carry out our work more effectively than we do today while reducing our contract costs.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Additions		675										675
Replacements		640	950	393	1,145	1,090	872	495	880	750	750	7,965
		<u>1,315</u>	<u>950</u>	<u>393</u>	<u>1,145</u>	<u>1,090</u>	<u>872</u>	<u>495</u>	<u>880</u>	<u>750</u>	<u>750</u>	<u>8,640</u>
Total Costs		1,315	950	393	1,145	1,090	872	495	880	750	750	8,640
Funding												
Reserve - Electric		1,315	950	393	1,145	1,090	872	495	880	750	750	8,640
		<u>1,315</u>	<u>950</u>	<u>393</u>	<u>1,145</u>	<u>1,090</u>	<u>872</u>	<u>495</u>	<u>880</u>	<u>750</u>	<u>750</u>	<u>8,640</u>
Total Funding		1,315	950	393	1,145	1,090	872	495	880	750	750	8,640

Estimated Debt Charges
Projected Net Operating Costs

<u>Comments</u>



Major Program: **Other Support**

Project Title: **Support Plant Renewal Annual Program**

Dept - Project #: **SP01**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides the funding for capital renewals within the support plant assets of the Electric Utility.</p> <p>Funding for the following functions is included in this project:</p> <p>Facilities Management - this is our GIS Mapping System which is used to document where all electric infrastructure is located. Renewal of this system requires updating of computer hardware and software systems.</p> <p>Work and Financial Management - this is our work order management system which is responsible for tracking all documentation created during the design and construction of our assets and transferring the financial information to the corporate JD Edwards system. Renewal of this system requires the updating of computer hardware and software systems.</p> <p>Major Tools - this is the inventory of specialized tools (greater than \$5,000 each) required to work with high voltage, fibre optics, and specialized test equipment that is required in the electric utility environment. New advancements in tools and replacement of end of life devices are funded from this account.</p> <p>Facilities & Furnishings - These are the facilities and office equipment that are used by both the Transmission and Distribution functions. Storage yards, storage buildings, and office infrastructure are all renewed when necessary under this program.</p>	<p>Items within the 2018 to 2021 time period which require funding from this program include:</p> <p>Facilities Management - update to hardware servers and software that run the GIS system.</p> <p>Work and Financial Management - update to servers and software that run the work order management system.</p> <p>Major Tools - renewal of specialized test equipment used in electrical metering and high voltage operations.</p> <p>Facilities & Furnishings - creation of cold storage facility to handle end of life transformers prior to recycling, install racking facilities to store construction materials more efficiently, upgrade office furniture and floor coverings at operations centre that have reached end of life.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Additions		580	300		15	5	5	5	5	5	5	925
Replacements		100	51	413	340	227	227	228	228	229	229	2,272
		<u>680</u>	<u>351</u>	<u>413</u>	<u>355</u>	<u>232</u>	<u>232</u>	<u>233</u>	<u>233</u>	<u>234</u>	<u>234</u>	<u>3,197</u>
Total Costs		680	351	413	355	232	232	233	233	234	234	3,197
Funding												
Reserve - Electric		680	351	413	355	232	232	233	233	234	234	3,197
		<u>680</u>	<u>351</u>	<u>413</u>	<u>355</u>	<u>232</u>	<u>232</u>	<u>233</u>	<u>233</u>	<u>234</u>	<u>234</u>	<u>3,197</u>
Total Funding		680	351	413	355	232	232	233	233	234	234	3,197

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



Major Program: **System Control (SCADA)**

Project Title: **Electric System Control**

Dept - Project #: **SS01**

Start Year: **2018**

End Year: **Ongoing**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This program provides remote control and monitoring capabilities for electric distribution, and transmission facilities.</p> <p>The SCADA (Supervisory Control and Data Acquisition) system includes master station hardware and software, Remote Terminal Units (RTU's) and other automation infrastructure.</p> <p>Current Program and Identified Projects:</p> <p>Back up Control Room Remote Radio Upgrade Upgrade Wallboard Projectors Replace A and B UPS units in Server Room Upgrade Operator SCADA PC's Host Server replacement WebServ Server replacement Wallboard Controller PC Control Centre maintenance</p>	<p>Real time monitoring and control is necessary to meet the requirements of the Alberta Interconnected Electric System and to provide required reliability and control functions within the system.</p> <p>The back up control room is a regulatory requirement of the utility. Our current back up facility places operators in close proximity to the equipment they may be called upon to operate. A new back up control room will allow operators to reliably operate the system while ensuring their safety.</p> <p>Radio upgrades are required to ensure the continued remote operation of our system, these radios are at end of life.</p> <p>The wall board projection units are becoming obsolete, we will operate until we can no longer service however these projection units will require replacement as they become no longer serviceable.</p> <p>UPS units and Operator SCADA PC's require replacement due to end of life.</p> <p>Host and WebServ server replacements will be required due to end of life - 5 year lifespan.</p> <p>Wallboard Controller PC requires replacement due to end of life - 6 year lifespan.</p> <p>Currently, the control centre is 8 years old and requires maintenance and upkeep for efficient operations to continue. Examples of maintenance items include painting and carpet replacement.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Non-Shareable												
Additions		300										300
Replacements		50	295	9	122	124	127	129	132	135	137	1,260
		<u>350</u>	<u>295</u>	<u>9</u>	<u>122</u>	<u>124</u>	<u>127</u>	<u>129</u>	<u>132</u>	<u>135</u>	<u>137</u>	<u>1,560</u>
Total Costs		350	295	9	122	124	127	129	132	135	137	1,560
Funding												
Reserve - Electric		350	295	9	122	124	127	129	132	135	137	1,560
		<u>350</u>	<u>295</u>	<u>9</u>	<u>122</u>	<u>124</u>	<u>127</u>	<u>129</u>	<u>132</u>	<u>135</u>	<u>137</u>	<u>1,560</u>
Total Funding		350	295	9	122	124	127	129	132	135	137	1,560

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>



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
Proposed Grant - Municipal Sustainability (MSI) Replacement Program	G - 6

Amended November 2, 2020

Grant - Municipal Sustainability Initiative (MSI)

		Forecast										
Page		2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
All amounts below are in thousands of dollars												
	Opening Balance	(3,167)	(2,230)	6,486	15,959	17,060	15,379	15,379	15,379	15,379	15,379	
Capital Requirements												
	West Lethbridge Operations Depot (Phase 2)	D - 5	(3,630)									(3,630)
	Legacy Park	D - 7	(1,800)									(1,800)
	Yates Renewal	D - 8	(3,879)									(3,879)
	Parks Asset Management	D - 10	(585)	(585)	(585)	(585)						(2,340)
	Spitz Stadium Grandstand (Phase 2)	D - 21	(2,070)									(2,070)
	New Fire Station #5 - West	D - 28	(1,620)	(3,870)	(3,780)							(9,270)
	Shooting Sports Facility Safety Enhancement	D - 40	(169)	(1,519)								(1,688)
	Lethbridge Airport Renovation	D - 43			(852)	(3,087)	(1,681)					(5,620)
			<u>(13,753)</u>	<u>(5,974)</u>	<u>(5,217)</u>	<u>(3,672)</u>	<u>(1,681)</u>					<u>(30,297)</u>
Additions:												
	Grant	Note 1	14,690	14,690	14,690	4,773						48,843
			<u>14,690</u>	<u>14,690</u>	<u>14,690</u>	<u>4,773</u>						<u>48,843</u>
	Closing Balance		<u>(2,230)</u>	<u>6,486</u>	<u>15,959</u>	<u>17,060</u>	<u>15,379</u>	<u>15,379</u>	<u>15,379</u>	<u>15,379</u>	<u>15,379</u>	

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 stations, municipal police stations, emergency operations centres), infrastructure management systems and solid-waste management systems and facilities.

Note 1: The annual grant amounts shown for 2018 onwards are estimates only. The estimates are based on actual amounts announced for 2016 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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	7,700	2,614	2,951	1,382	1,900	1,172	1,522	1,810	2,028	(2,126)		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(1,300)	(1,300)	(1,800)	(1,800)	(1,300)	(1,300)	(1,300)	(1,300)	(1,300)	(1,300)	(14,000)
Gravelled Roadway Upgrading	C - 7	(1,000)										(1,000)
Accessibility Improvements	C - 8	(250)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(388)	(3,145)
Annual Overlay Program	C - 9	(1,700)	(1,810)	(1,926)	(2,047)	(2,174)	(1,800)	(1,890)	(1,985)	(2,084)	(2,188)	(19,604)
Bridge Rehabilitation Program	C - 10	(5,000)	(1,000)	(150)	(150)	(150)	(150)	(150)	(150)	(150)	(150)	(7,200)
Railway Rehabilitation Program	C - 11	(320)	(336)	(353)	(370)	(389)	(409)	(429)	(450)	(473)	(497)	(4,026)
Traffic Signals Replacement	C - 12	(1,000)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(5,500)
Major Sidewalk Rehabilitation Program	C - 13	(244)	(256)	(269)	(282)	(297)	(311)	(327)	(343)	(360)	(379)	(3,068)
Community Lighting - Rehabilitation	C - 15	(122)	(128)	(135)	(141)	(148)	(156)	(163)	(172)	(180)	(189)	(1,534)
Transportation Master Plan Update	C - 17			(1,000)								(1,000)
Intersection Improvements - Growth	CO - 1					(975)	(975)	(975)	(975)	(975)	(975)	(5,850)
University Dr (Community Stadium to Sunridge Blvd W)	CO - 4			(1,175)								(1,175)
Walsh Drive (University Dr to west of Metis Trail)	CO - 7					(675)						(675)
26 Avenue North (23rd Street N to Scenic Drive)	CO - 10								(4,300)			(4,300)
		(10,936)	(5,593)	(7,584)	(5,579)	(6,912)	(5,920)	(6,069)	(6,227)	(10,691)	(6,566)	(72,077)
Additions:												
Grant Funding		5,849	5,931	6,014	6,098	6,183	6,270	6,357	6,446	6,537	6,628	62,313
		5,849	5,931	6,014	6,098	6,183	6,270	6,357	6,446	6,537	6,628	62,313
Closing Balance		2,614	2,951	1,382	1,900	1,172	1,522	1,810	2,028	(2,126)	(2,064)	

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	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	11,256	10,427	6,011	1,420	757	2,634	4,331	6,012	8,343	9,198		
Capital Requirements												
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(882)	(926)	(972)	(1,020)	(1,071)	(1,125)	(1,181)	(1,240)	(1,302)	(1,367)	(11,086)
Pathway System Connections and Extensions	D - 11			(50)		(450)	(450)	(450)	(450)	(450)	(450)	(2,750)
Transit Terminal and Regional Park 'n Ride	D - 15		(1,366)									(1,366)
3rd Avenue South (4th to 8th Street) Reconstruction	D - 22	(1,200)	(2,421)	(3,832)								(7,453)
Nikka Yuko Japanese Gdn Programming & Community Facility	D - 25	(156)	(2,382)									(2,538)
Crossings Branch Expansion and Enhancement	D - 26	(191)										(191)
Legacy Park (Additional Amenities)	D - 27		(1,518)	(1,248)	(2,128)							(4,948)
Henderson Lake Golf Club Upgrades	D - 41	(117)										(117)
		(2,546)	(8,613)	(6,102)	(3,202)	(1,521)	(1,575)	(1,631)	(1,690)	(1,752)	(1,817)	(30,449)
Additions:												
Grant	5,244	5,323	5,403	5,484	5,566	5,650	5,734	5,820	5,908	5,996	56,129	
	5,244	5,323	5,403	5,484	5,566	5,650	5,734	5,820	5,908	5,996	56,129	
Ongoing Programs												
Storm Sewer Maintenance		(1,057)	(1,089)	(1,133)	(1,178)	(1,225)	(1,274)	(1,300)	(1,300)	(1,300)	(1,300)	(12,156)
Facility Life Cycle Management (Energy Efficiency)		(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(500)	(5,000)
Transit Fleet Replacement		(580)		(1,845)	(1,267)					(1,000)	(1,000)	(5,692)
Transit Fleet Expansion		(193)	(199)	(205)			(224)	(231)				(1,052)
Access-A-Ride Fleet Replacement		(131)	(270)	(139)		(443)	(304)	(391)	(500)	(500)		(2,678)
Access-A-Ride Fleet Expansion		(66)	(68)	(70)			(76)					(280)
		(2,527)	(2,126)	(3,892)	(2,945)	(2,168)	(2,378)	(2,422)	(1,800)	(3,300)	(3,300)	(26,858)
Closing Balance	11,427	6,011	1,420	757	2,634	4,331	6,012	8,343	9,198	10,078		

Under the Federal Gas Tax Fund, the funding is allocated to municipalities on a per capita basis. The types of projects currently eligible for funding under the Federal Gas Tax Fund program include: local roads and bridges, public transit, water, wastewater and storm systems, solid waste, community energy systems, sports infrastructure, recreation, culture, and tourism infrastructure, community capacity building, disaster mitigation, broadband connectivity and regional and local airports.

Pay-As-You-Go (PAYG) - Transportation

Forecast

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	1,048	456	(61)	55	282	403	1,299	2,251	(1,739)	(666)		
Capital Requirements												
Intersection Improvements - Non-Growth	C - 5	(120)	(120)	(150)	(150)	(120)	(120)	(120)	(120)	(120)	(1,260)	
Bikeways/Pathways/Sidewalks Along Roadways	C - 6	(100)	(105)	(110)	(116)	(122)	(128)	(134)	(141)	(148)	(1,259)	
Gravelled Roadway Upgrading	C - 7	(100)									(100)	
Accessibility Improvements	C - 8	(250)	(263)	(276)	(289)	(304)	(319)	(335)	(352)	(369)	(3,145)	
Annual Overlay Program	C - 9	(450)	(460)	(471)	(480)	(493)	(200)	(210)	(221)	(232)	(3,460)	
Bridge Rehabilitation Program	C - 10	(100)	(50)	(20)	(20)	(20)	(20)	(20)	(20)	(20)	(310)	
Railway Rehabilitation Program	C - 11	(320)	(336)	(353)	(370)	(589)	(409)	(429)	(450)	(473)	(4,226)	
Traffic Signals Replacement	C - 12	(100)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(550)	
Major Sidewalk Rehabilitation Program	C - 13	(24)	(25)	(26)	(28)	(29)	(31)	(32)	(34)	(35)	(301)	
Paved Lane Rehabilitation Program	C - 14	(334)	(351)	(368)	(387)	(406)	(426)	(448)	(470)	(493)	(4,201)	
Community Lighting - Rehabilitation	C - 15	(62)	(65)	(68)	(72)	(75)	(79)	(83)	(87)	(92)	(779)	
Arterial Sign Replacement	C - 16	(250)	(250)								(500)	
Transportation Master Plan Update	C - 17			(50)							(50)	
Functional Planning and Design - 62 Ave N	C - 18	(200)									(200)	
Chinook Trail River Crossing (Preliminary Design)	C - 19							(5,000)			(5,000)	
5th Avenue N and 13th Street N (Preliminary Design)	CO - 2		(375)								(375)	
		(2,410)	(2,450)	(1,942)	(1,962)	(2,208)	(1,782)	(1,861)	(6,945)	(2,032)	(2,124)	(25,716)
Additions:												
Current Year Funding		2,105	2,205	2,313	2,428	2,550	2,678	2,813	2,955	3,105	3,262	26,414
		2,105	2,205	2,313	2,428	2,550	2,678	2,813	2,955	3,105	3,262	26,414
Previously Approved Allocations												
Metis Trail Loan Payments		(287)	(271)	(255)	(239)	(221)						(1,274)
		(287)	(271)	(255)	(239)	(221)						(1,274)
Closing Balance		456	(61)	55	282	403	1,299	2,251	(1,739)	(666)	472	

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

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total	
All amounts below are in thousands of dollars												
Opening Balance	(2,548)	(2,598)	(3,290)	(1,702)	628	2,773	5,018	7,363	9,808	12,353		
Capital Requirements												
Legacy Park	D - 7	(450)									(450)	
Art Acquisition Program	D - 9	(267)	(601)	(131)	(5)	(5)	(5)	(5)	(5)	(5)	(1,035)	
Parks Asset Management	D - 10	(65)	(65)	(65)	(65)	(650)	(650)	(650)	(650)	(650)	(4,160)	
Pathway System Connections and Extensions	D - 11	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(50)	(500)	
Facility Assessment and Accessibility Upgrades	D - 12	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(100)	(1,000)	
Facility Assessment and Energy Efficiency Upgrades	D - 13	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(300)	(3,000)	
River Valley Protective Fencing	D - 14	(400)									(400)	
Galt Museum Parking Lot Upgrade	D - 20	(310)									(310)	
Spitz Stadium Grandstand (Phase 2)	D - 21	(230)									(230)	
3rd Avenue South (Stafford Dr to MMD) Beautification	D - 23	(300)									(300)	
4th Avenue South Enhancements	D - 24	(150)	(308)	(292)	(300)						(1,050)	
Nikka Yuko Japanese Gdn Programming & Community Facility	D - 25	(27)	(265)								(292)	
Crossings Branch Expansion and Enhancement	D - 26	(21)									(21)	
Legacy Park (Additional Amenities)	D - 27		(580)	(103)							(683)	
New Fire Station #5 - West	D - 28	(180)	(430)	(420)							(1,030)	
Shooting Sports Facility Safety Enhancement	D - 40	(18)	(168)								(186)	
Henderson Lake Golf Club Upgrades	D - 41	(32)	(75)								(107)	
Lethbridge Airport Renovation	D - 43		(700)								(700)	
		(2,900)	(3,642)	(1,461)	(820)	(1,105)	(1,105)	(1,105)	(1,105)	(1,105)	(15,454)	
Additions:												
Current Year Funding		2,850	2,950	3,050	3,150	3,250	3,350	3,450	3,550	3,650	3,750	33,000
		2,850	2,950	3,050	3,150	3,250	3,350	3,450	3,550	3,650	3,750	33,000
Closing Balance		(2,598)	(3,290)	(1,702)	628	2,773	5,018	7,363	9,808	12,353	14,998	

Amended November 2, 2020

Proposed Grant - Municipal Sustainability Initiative (MSI) Replacement Program

Forecast

Page	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
All amounts below are in thousands of dollars											
Opening Balance						(68,209)	(71,251)	(67,814)	(70,549)	(74,076)	
Capital Requirements											
3rd Avenue South (Stafford Dr to MMD) Beautification	D - 23				(2,100)					(2,100)	(4,200)
Crossings Branch Expansion and Enhancement	D - 26				(47)	(791)					(838)
Fire Station #3 - 16th Ave S. Relocation and 911 Backup	D - 29				(1,975)	(4,751)	(3,797)				(10,523)
Yates Enhancement	D - 30				(1,230)	(10,090)					(11,320)
Galt Gardens Reconstruction	D - 31				(197)	(2,050)	(2,731)	(1,192)			(6,170)
Arena Replacement	D - 32						(4,675)	(15,921)	(15,652)	(983)	(37,231)
Royal View Memorial Cemetery (Phase 2)	D - 33							(262)	(2,515)		(2,777)
Performing Arts Centre	D - 34				(77,300)						(77,300)
					(82,849)	(17,682)	(11,203)	(17,375)	(18,167)	(3,083)	(150,359)
Additions:											
Grant	Note 1				14,640	14,640	14,640	14,640	14,640	14,640	87,840
					14,640	14,640	14,640	14,640	14,640	14,640	87,840
Closing Balance					(68,209)	(71,251)	(67,814)	(70,549)	(74,076)	(62,519)	

Note 1: This grant is based on the assumption the Provincial government will replace the existing Municipal Sustainability Initiative program with a similar grant funding program for years five to ten of this 2018-2027 capital improvement program. Any project that ultimately is slotted in years five to ten, would be contingent on the new grant program and therefore be approved by a subsequent City Council.

City of Lethbridge
2018 - 2027 Capital Improvement Program
Finance Committee Minutes

The Finance Committee of Council met from June 20, 2016 to May 19, 2017 to review Capital Improvement Program (CIP) projects. The following pages captures the presentation minutes from those meetings.

CIP Presentations & Information

June 20, 2016	
Capital Improvement Program Update	1
June 27, 2016 (City Council Meeting)	
Community Projects Prioritization Criteria	2
October 24, 2016 - Infrastructure:	
Transportation - Offsite Levy Projects	4
Environmental Utilities - Offsite Levy Projects	4
November 21, 2016 - Infrastructure:	
Environmental Utilities - Water, Wastewater and Waste & Recycling Projects	5
November 28, 2016 - Residential Waste Diversion:	
Curbside Recycling	7
December 5, 2016 - Infrastructure:	
Transportation Projects	10
Electric Utility - Transmission, Distribution and Support Projects	10
February 6, 2017	
Capital Improvement Program Update	12
February 6, 2017 - Community:	
Community Projects - Day 1	12
ENMAX Centre Parking Lot	
Royal View Memorial Cemetery Ph 2	
Facility Services (2 projects)	
Indigenous Cultural Centre Study	
Transit Terminal and Regional Park 'n Ride	
Fire and Emergency Services (2 projects)	
March 6, 2017 - Community:	
Community Projects - Day 2	13
Parks Projects (8)	
Recreation and Culture Projects (6)	
Nikka Yuko Japanese Gdn Prgrm & Cmmnty Facility	
March 20, 2017 - Community:	
Community Projects - Day 3	14
Transportation Projects (5)	
Planning/Downtown Projects (6)	
Galt Museum (2)	

CIP Presentations & Information continued...

April 3, 2017 - Community:	
Community Projects - Day 4	16
Performing Arts Centre	
Exhibition Park Trade, Convention Centre & Agriplex	
Southern Alberta Art Gallery Facility Enhancements	
YWCA Lethbridge & District Capital Plan	
Henderson Lake Golf Club Upgrades	
Crossings Branch Expansion and Enhancement	
May 1, 2017 - Additional Information:	
Curbside Project Update	19
Additional Information on CIP Projects	20

CIP Debate & Resolution

May 15, 2017	
Overview of CIP Process	21
CIP Funding	22
Questions and Answers	23
Debate and Resolutions	23
May 16, 2017	
Section C & CO - Transportation	24
Section E & EO - Environmental Utilities	27
Section F - Electric Utility	29
Section D - Community - Previously Approved	30
Section D - Community - Alternate Funding	31
Section D - Community - Planning	33
May 17, 2017 - Section D (Community)	
Exhibition Park Trade, Convention Centre & Agriplex	35
ENMAX Centre Parking Lot Renewal & Upgrade	37
River Valley Protective Fencing	38
Galt Museum Parking Lot Upgrade	38
Galt Gardens Reconstruction	38
University Drive Median Trees	39
Spitz Stadium Grandstand - Phase 2	39
May 18, 2017 - Section D (Community)	
Fairmont Multi-Use Sports Court	40
3rd Avenue South (4th to 8th Street) Reconstruction	41
Nikka Yuko Japanese Grdn Prgrm & Cmmnty Facility	41
Whoop Up Drive Cycle Escalator	41
Crossings Branch Expansion and Enhancement	42
Legacy Park (Additional Amenities)	43
Fire Station #3 - 16 Ave S. Relocation & 911 Backup	43
New Fire Station #5 - West	43
Downtown Gateways	44

City of Lethbridge
2018 - 2027 Capital Improvement Program
Finance Committee Minutes

CIP Debate & Resolution continued...

May 18, 2017 - Section D (Community)

Community Entrance Gateways	44
Yates Enhancement	44
3rd Ave South (Stafford Dr to MMD) Beautification	45
4th Avenue South Enhancements	45
5th Street South (1st to 6th Ave) Reconstruction	46
Multi-Purpose All Weather Fields	47
Arena Replacement	47
Royal View Memorial Cemetery Phase 2	47
Southern Alberta Art Gallery Facility Enhancements	48

May 19, 2017 - Section D (Community)

Shooting Sports Facility Safety Enhancement	49
Henderson Lake Golf Course Upgrades	50
Performing Arts Centre	51

May 19, 2017 - Reconsideration of Resolutions or Projects

Exhibition Park Trade, Convention Centre & Agriplex	53
Wastewater Trtmt Plant Headworks & Clarifier Upgrade	54
Recreation and Culture Master Plan Update	55
Galt Gardens Reconstruction	55
Wrap Up Resolution	56

CIP Approval

May 23, 2017 (City Council Meeting)

CIP Public Engagement Process	57
CIP Approval	58
2022 - 2031 CIP	60

PRESENT:

Deputy Mayor	B.E. Hyggen
Mayor	C.A. Spearman
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	L.M. Iwaskiw (arrived at 1:50 PM)
Councillor	J.P. Mauro
Councillor	B.D. Mearns
Councillor	R.K. Parker
Councillor	S.R. Miyashiro

OTHERS:

Deputy City Clerk	D. Sarsfield
A/Legislative Coordinator	J. Robinson
City Manager	G. Sherwin
City Solicitor	T. Jorgensen
City Treasurer	C. Wight
A/Director of City Manager's Office	T. Vanden Heuvel
Director of Infrastructure Services	D. Hawkins
Director of Community Services	B. Beck
Director of Planning & Development	J. Greene
Communications Advisor	T. Grindle

PRESENTATIONS:

2.1 Hailey Pinksen, Financial Planning and Budget Manager, re Capital Improvement Program Update

Hailey Pinksen, Financial Planning and Budget Manager provided an update on the Community Projects (Section D) funding information for the upcoming 2018-2027 Capital Improvement Program. Ms. Pinksen provided background information on where the projects come from, forecasted available funding for Community Projects (Section D), and proposed project prioritization criteria for Community Projects (Section D).

R.K. Parker:

BE IT RESOLVED THAT the report received from the Administration, providing information on the upcoming 2018-2027 Capital Improvement Program and proposed Community Projects (Section D) project prioritization criteria, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. Pinksen be thanked for her presentation.

In Favour: B.E. Hyggen, C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- **CARRIED**

ADJOURN:

J.H. Carlson:

THAT we do now adjourn Finance Committee Meeting.

In Favour: B.E. Hyggen, C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- **CARRIED**

PRESENT:

Mayor	C.A. Spearman
Deputy Mayor	B.E. Hyggen
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	L.M. Iwaskiw
Councillor	J.P. Mauro
Councillor	B.D. Mearns
Councillor	S.R. Miyashiro
Councillor	R.K. Parker

OTHERS:

City Clerk	A. Neufeld
Legislative Coordinator	B. Burke
City Manager	G. Sherwin
City Solicitor	T. Jorgensen
City Treasurer	C. Wight
A/Director of City Manager’s Office	T. Vanden Heuvel
Director of Infrastructure Services	D. Hawkins
Director of Community Services	B. Beck
Director of Planning & Development	J. Greene
Communications Advisor	T. Grindle

OFFICIAL BUSINESS:

6.1 Prioritization Criteria

J.H. Carlson:

WHEREAS, on June 20, 2016, administration presented to Finance Committee the proposed prioritization criteria for community (section D) projects;

THEREFORE BE IT RESOLVED THAT the following criteria be approved, for use by Administration in conducting an initial prioritization of 2018 – 2027

Capital Improvement Program (CIP) projects in the community section (D):

Criteria	Higher Scores	Weighting
Maintaining Current Capital Assets	Projects that are necessary to maintain the current functionality and level of service.	2
Community Support	The project has demonstrated broad-based community support through a public process.	1
Impact on Operating Budget	The project has favorable net impact on the Operating Budget.	1
External Capital Contribution	The project has external funding sources (e.g. grants specific to the project, partnerships or donations).	1
Economic Prosperity	The project contributes to the local economy and reinforces the City’s role as a regional center.	1

Continued on next page.....

Criteria	Higher Scores	Weighting
Well Designed City	The project contributes to a well-designed city through smart growth, renewal, redevelopment and quality urban design.	1
Community Vibrancy	The project enhances history, art, culture, sport, recreation or active living in the City.	1
Social Impact	The project supports accessible housing, fostering a sense of belonging, accessibility/mobility or community social well-being.	1
Health & Safety Improvements	The project improves the health and safety of the staff, user(s) or the community.	1
Environmental Impact	The project contains or reduces the community's total impact on the environment.	1

In Favour: C.A. Spearman, B.E. Hyggen, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, J.P. Mauro, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

PRESENT: Deputy Mayor B.E. Hyggen
Mayor C.A. Spearman
Councillor J.A. Coffman
Councillor L.M. Iwaskiw
Councillor R.K. Parker

OTHERS: City Clerk A. Neufeld
Legislative Coordinator B. Burke
City Manager G. Sherwin
City Treasurer C. Wight
Director of City Manager's Office J. Meli
Director of Infrastructure Services D. Hawkins
Director of Community Services B. Beck
Director of Planning & Development J. Greene
Communications Advisor T. Grindle

ABSENT: Councillor J.H. Carlson
Councillor J.P. Mauro
Councillor B.D. Mearns
Councillor S.R. Miyashiro

PRESENTATIONS:

2.1 Byron Buzunis, Urban Construction Manger, re: Capital Improvement Program 2018 - 2027 Offsite Levy Funded Projects

Byron Buzunis, Urban Construction Manager advised that the purpose of the presentation was to provide information on the projects proposed for the next Capital Improvement Program (CIP) that are funded from the Offsite Levy Account. Mr. Buzunis reported that projects funded from the Offsite Levy are identified, scoped, estimated and forecast in time, during the Offsite Levy review process. The Offsite Levy review is carried out in collaboration with growth industry stakeholders including both the Urban Development Institute (UDI), representing developers, and the Canadian Home Builders Association (CHBA). The process includes a review of all projects forecast as needed to service all the remaining land within the City boundary. It then forecasts the rate and location of growth in the community to develop a cash flow which is then used to iteratively balance the Offsite Levy Rate, developer plans, and the timing of projects. The end result is the Offsite Levy Bylaw, the most recent of which was approved by City Council on April 18, 2016.

Mr. Buzunis highlighted the six projects that are proposed for the first four years of the CIP. These projects are required to maintain the capacity of the system to serve areas where growth is ongoing.

ADJOURN:

L.M. Iwaskiw:

Motion to Adjourn the Finance Committee Meeting

Absent: J.H. Carlson, J.P. Mauro, B.D. Mearns, S.R. Miyashiro

In Favour: B.E. Hyggen, C.A. Spearman, J.A. Coffman, L.M. Iwaskiw, R.K. Parker

----- **CARRIED**

PRESENT:

Deputy Mayor	L.M. Iwaskiw
Mayor	C.A. Spearman
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	B.E. Hyggen
Councillor	J.P. Mauro (arrived at 1:05 PM)
Councillor	B.D. Mearns
Councillor	R.K. Parker
Councillor	S.R. Miyashiro

OTHERS:

Deputy City Clerk	D. Sarsfield
Legislative Coordinator	B. Burke
City Manager	G. Sherwin
City Treasurer	C. Wight
Director of City Manager's Office	J. Meli
Director of Infrastructure Services	D. Hawkins
Director of Community Services	B. Beck
Director of Planning & Development	J. Greene

PRESENTATIONS:

2.1 Doug Kaupp, Water, Wastewater and Stormwater Manager, re: Water and Wastewater CIP 2018-2027 Projects

Doug Kaupp, Water, Wastewater and Stormwater Manager, provided an overview of the projects proposed for delivery in 2018 through 2027.

B.D. Mearns:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Water and Wastewater Capital Improvement Program 2018 – 2027 Projects be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Kaupp be thanked for his presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

2.2 Dave Schaaf, Waste and Recycling Services Manager, re: Waste and Recycling Services CIP 2018-2027 Projects

Dave Schaaf, Waste and Recycling Manager provided an overview of the 10 year capital program for Waste and Recycling.

B.D. Mearns:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Waste and Recycling Services Capital Improvement Program 2018 – 2027 Projects be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Schaaf be thanked for his presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

SUBMISSIONS:

3.1 Hailey Pinksen, Financial Planning and Budget Manager, re Distribution of 2018-2027 Capital Improvement Program Working Draft: Environmental Utilities

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Environmental Utilities for the 2018-2027 Capital Improvement Program be received as information and filed.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

ADJOURN:

B.D. Mearns:

THAT we do now adjourn this Finance Committee Meeting.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

PRESENT:

Mayor	C.A. Spearman
Deputy Mayor	L.M. Iwaskiw
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	B.E. Hyggen
Councillor	J.P. Mauro
Councillor	S.R. Miyashiro
Councillor	B.D. Mearns
Councillor	R.K. Parker

OTHERS:

Deputy City Clerk	D. Sarsfield
Legislative Coordinator	B. Burke
City Manager	G. Sherwin
City Solicitor	T. Jorgensen
City Treasurer	C. Wight
Director of City Manager's Office	J. Meli
Director of Infrastructure Services	D. Hawkins
Director of Community Services	B. Beck
Director of Planning & Development	J. Greene
Communications Advisor	T. Grindle

OFFICIAL BUSINESS:

6.1 Residential Waste Diversion

L.M. Iwaskiw/S.R. Miyashiro:

WHEREAS waste diversion in the residential sector needs to increase beyond what is currently being diverted; and

WHEREAS curbside recycling is a successful diversion strategy for the residential sector; and

WHEREAS City Council is considering projects to be included in the upcoming 2018 – 2027 CIP; and

WHEREAS projects related to the implementation of curbside recycling require funding from the CIP;

THEREFORE BE IT RESOLVED THAT the City proceed with the following:

- The approval of the 'Residential Waste Diversion Strategy' as presented on November 30, 2015;
- Implementation of a curbside recycling pilot project starting in 2018;
- Full implementation of bi-weekly residential curbside collection of recyclables (blue carts) in 2019
- Change from weekly to bi-weekly residential curbside collection of waste (black carts) in 2019;
- Following the introduction of the residential curbside collection of recyclables (blue carts) in 2019, administration will prepare for council's consideration a program implementation plan for residential curbside collection of organics (green carts), and

FURTHER BE IT RESOLVED THAT administration:

- Create a project for the 2018-2027 Capital Improvement Program for the design and construction of a Materials Recovery Facility;
- Create a project for the 2018-2027 Capital Improvement Program for the Collection Equipment for the residential curbside collection of recyclables
- Report back on the progress of the program implementation.

PRIOR TO A VOTE BEING CALLED ON THE FOREGOING RESOLUTION, THE FOLLOWING AMENDMENTS WERE INTRODUCED:

J.A. Coffman/J.H. Carlson:

THAT the second bullet in the first operative clause be amended to read:

- Implementation of a curbside recycling pilot project starting in 2018 to a maximum of \$600,000 with funding from recycling accumulated surplus;

In Favour: C.A. Spearman, L.M. Iwaskiw, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- **CARRIED**

J.A. Coffman/B.E. Hyggen:

FURTHER BE IT RESOLVED THAT the City Manager create a consultation Committee with the Private recycling collection sector to explore potential opportunities for existing businesses to participate with a report presented to Council by May 31, 2017.

In Favour: C.A. Spearman, L.M. Iwaskiw, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- **CARRIED**

J.A. Coffman/J.P. Mauro:

BE IT RESOLVED THAT the curbside program provide a mechanism for low income residents to opt out of the cost of the program.

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

Opposed: C.A. Spearman, L.M. Iwaskiw, J.H. Carlson, B.E. Hyggen, S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- **DEFEATED**

J.P. Mauro/J.A. Coffman:

BE IT RESOLVED THAT we postpone the decision on Official Business Resolution 6.1 Residential Waste Diversion and place it on either a future Community Issues Committee Meeting or a Finance Committee Capital Improvement Program Meeting currently scheduled for_____.

In Favour: J.A. Coffman, B.E. Hyggen, J.P. Mauro

Opposed: C.A. Spearman, L.M. Iwaskiw, J.H. Carlson, S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- **DEFEATED**

RESOLUTION AS AMENDED:

J.P. Mauro/J.A. Coffman:

WHEREAS waste diversion in the residential sector needs to increase beyond what is currently being diverted; and

WHEREAS curbside recycling is a successful diversion strategy for the residential sector; and

WHEREAS City Council is considering projects to be included in the upcoming 2018 – 2027 CIP; and

WHEREAS projects related to the implementation of curbside recycling require funding from the CIP;

THEREFORE BE IT RESOLVED THAT the City proceed with the following:

- The approval of the 'Residential Waste Diversion Strategy' as presented on November 30, 2015;
- Implementation of a curbside recycling pilot project starting in 2018 to a maximum of \$600,000 with funding from recycling accumulated surplus;
- Full implementation of bi-weekly residential curbside collection of recyclables (blue carts) in 2019
- Change from weekly to bi-weekly residential curbside collection of waste (black carts) in 2019;
- Following the introduction of the residential curbside collection of recyclables (blue carts) in 2019, administration will prepare for council's consideration a program implementation plan for residential curbside collection of organics (green carts), and

FURTHER BE IT RESOLVED THAT administration:

- Create a project for the 2018-2027 Capital Improvement Program for the design and construction of a Materials Recovery Facility;
- Create a project for the 2018-2027 Capital Improvement Program for the Collection Equipment for the residential curbside collection of recyclables
- Report back on the progress of the program implementation; and

FURTHER BE IT RESOLVED THAT the City Manager create a consultation Committee with the Private recycling collection sector to explore potential opportunities for existing businesses to participate with a report presented to Council by May 31, 2017.

In Favour: C.A. Spearman, L.M. Iwaskiw, J.H. Carlson, J.A. Coffman,

B.E. Hyggen, S.R. Miyashiro, B.D. Mearns, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

PRESENT: Deputy Mayor L.M. Iwaskiw
Mayor C.A. Spearman
Councillor J.H. Carlson
Councillor J.A. Coffman
Councillor B.E. Hyggen
Councillor J.P. Mauro
Councillor B.D. Mearns
Councillor R.K. Parker (left at 3:05 PM)

OTHERS: City Clerk A. Neufeld
Legislative Coordinator B. Burke
City Manager G. Sherwin
City Solicitor T. Jorgensen
City Treasurer C. Wight
Director of City Manager's Office J. Meli
Director of Infrastructure Services D. Hawkins
Director of Community Services B. Beck
Director of Planning & Development J. Greene
Communications Advisor T. Grindle

Absent: Councillor S.R. Miyashiro

PRESENTATIONS:

2.1 Darwin Juell, Transportation Manager, re: Transportation CIP 2018-2027 Projects

B.D. Mearns:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Transportation Program Capital Improvement Program 2018 – 2027 Projects be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Juell and Mr. Brummund be thanked for their presentation.

Absent: S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker

----- **CARRIED**

2.2 Stewart Purkis, Electric Utility Manager, re: Electric Utilities CIP 2018-2027 Projects

J.A. Coffman:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Electric Utilities Capital Improvement Program 2018 – 2027 Projects be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Purkis be thanked for his presentation.

Absent: R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- **CARRIED**

SUBMISSIONS:

3.1 Hailey Pinksen, Financial Planning and Budget Manager, re Distribution of 2018-2027 Capital Improvement Program Working Draft: Transportation and Electric Utility

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Administration, regarding Distribution of 2018 – 2027 Capital Improvement Program Working Draft: Transportation and Electric Utility be received as information and filed.

Absent: R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- CARRIED

ADJOURN:

J.A. Coffman:

THAT we do now adjourn this Finance Committee meeting.

Absent: R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- CARRIED

PRESENT:

Deputy Mayor	L.M. Iwaskiw
Mayor	C.A. Spearman
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	B.E. Hyggen
Councillor	J.P. Mauro
Councillor	B.D. Mearns
Councillor	R.K. Parker
Councillor	S.R. Miyashiro

OTHERS:

Deputy City Clerk	D. Sarsfield
A/Legislative Coordinator	J. Robinson
City Manager	G. Sherwin
City Solicitor	T. Jorgensen
City Treasurer	C. Wight
Director of City Manager's Office	J. Meli
A/Director of Infrastructure Services	D. Kaupp
Director of Community Services	T. Vanden Heuvel
Director of Planning & Development	J. Greene
Communications Advisor	G. Gauthier

PRESENTATIONS:

2.1 Hailey Pinksen, Financial Planning & Budget Manager, re: Capital Improvement Program Update

J.A. Coffman:

BE IT RESOLVED THAT the report received from the Administration, providing an overview of the 2018 – 2027 Capital Improvement Program be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. Pinksen be thanked for her presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

2.2 Tony Vanden Heuvel, Director of Community Services, re: Capital Improvement Program (CIP) 2018-2027 Community Projects (Day 1 of 4)

B.D. Mearns:

BE IT RESOLVED THAT the report received from the Administration, providing information on the Community Projects for the 2018 – 2027 Capital Improvement Program be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Vanden Heuvel be thanked for his presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

PRESENT:

Deputy Mayor	L.M. Iwaskiw
Mayor	C.A. Spearman
Councillor	J.H. Carlson
Councillor	J.A. Coffman
Councillor	B.E. Hyggen
Councillor	J.P. Mauro
Councillor	B.D. Mearns
Councillor	R.K. Parker
Councillor	S.R. Miyashiro

OTHERS:

City Clerk	A. Neufeld
Legislative Coordinator	B. Burke
A/City Manager	D. Hawkins
City Treasurer	C. Wight
Director of City Manager's Office	J. Meli
Director of Community Services	T. Vanden Heuvel
Director of Planning & Development	J. Greene
Communications Advisor	T. Grindle

PRESENTATIONS:

2.1 Corey Wight, City Treasurer and Hailey Pinksen, Financial Planning & Budget Manager re: to distribute the 2018-2027 Capital Improvement Program (CIP) Working Draft: Community Projects (Day 2 of 4)

R.K. Parker:

BE IT RESOLVED THAT the report received from the Administration, providing Distribution of the 2018-2027 Capital Improvement Program (CIP) Working Draft: Community Projects (Day 2 of 4), be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Wight be thanked for his presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

2.2 Doug Hawkins, Director of Infrastructure Services, Tony Vanden Heuvel, Director of Community Services, re: Capital Improvement Program (CIP) Community Projects (Day 2 of 4)

J.H. Carlson:

BE IT RESOLVED THAT the report received from the Administration, providing Capital Improvement Program (CIP) Community Projects (Day 2 of 4), be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Hawkins and Mr. Vanden Heuvel be thanked for their presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

PRESENT: Deputy Mayor L.M. Iwaskiw
Mayor C.A. Spearman
Councillor J.H. Carlson
Councillor J.A. Coffman (left at 2:55 PM)
Councillor B.E. Hyggen
Councillor J.P. Mauro
Councillor B.D. Mearns

OTHERS: City Clerk A. Neufeld
Legislative Coordinator B. Burke
A/City Manager C. Wight
Director of City Manager's Office J. Meli
Director of Infrastructure Services D. Hawkins
Director of Community Services T. Vanden Heuvel
Director of Planning & Development J. Greene
Communications Advisor G. Gauthier

Absent: Councillor R.K. Parker
Councillor S.R. Miyashiro

PRESENTATIONS:

2.1 Jeff Greene, Director of Planning & Development, re: Capital Improvement Program (2018-27 CIP) Community Projects (Day 3 of 4)

R.K. Parker:

BE IT RESOLVED THAT the report received from the Administration, providing Capital Improvement Program (CIP) Community Projects (Day 3 of 4), be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Hawkins and Mr. Greene be thanked for their presentation.

ABSENT: R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- CARRIED

2.2 Tracy McNab, Chair, Galt Museum & Archives Board of Directors, re: Galt Museum Parking Lot Upgrade and River Valley Accessibility Study

J.H. Carlson:

BE IT RESOLVED THAT the report received from the Galt Museum & Archives Board of Directors regarding CIP funding for parking lot upgrades and a River Valley accessibility study, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. McNab, Ms. Burrows-Johnson and Ms. Yackulic be thanked for their presentation.

ABSENT: R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

SUBMISSIONS:

3.1 Hailey Pinksen, Financial Planning and Budget Manager, re Distribution of 2018-2027 Capital Improvement Program (CIP) Working Draft: Section D Projects (Day 3 of 4)

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Administration, providing Distribution of 2018 – 2027 Capital Improvement Program (CIP) Working Draft: Community Projects (Day 3 of 4), be received as information and filed.

Absent: J.A. Coffman, R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- CARRIED

ADJOURN:

B.D. Mearns:

THAT we do now adjourn this Finance Committee meeting.

Absent: J.A. Coffman, R.K. Parker, S.R. Miyashiro

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, B.E. Hyggen, J.P. Mauro, B.D. Mearns

----- CARRIED

PRESENT: Deputy Mayor L.M. Iwaskiw
Mayor C.A. Spearman
Councillor J.H. Carlson
Councillor J.A. Coffman
Councillor B.E. Hyggen
Councillor J.P. Mauro
Councillor B.D. Mearns
Councillor S.R. Miyashiro
Councillor R.K. Parker (left at 4:15 PM)

OTHERS: City Clerk A. Neufeld
Legislative Coordinator B. Burke
City Manager G. Sherwin
A/City Treasurer H. Pinksen
Director of City Manager's Office J. Meli
Director of Infrastructure Services D. Hawkins
Director of Community Services T. Vanden Heuvel
Director of Planning & Development J. Greene
Communications Advisor G. Gauthier

PRESENTATIONS:

2.1 Dianne King and Dawn Leite, Members of the Performing Arts Centre Advocacy Group, re: Performing Arts Centre

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Performing Arts Centre Advocacy Group regarding a Performing Arts Centre, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. King and Ms. Leite be thanked for their presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

Councillor Mearns declared a conflict because she works at the Lethbridge & District Exhibition and left City Council Chambers.

2.2 Rudy Friesen, CEO, Lethbridge & District Exhibition, re: Exhibition Park Development Plan

J.H. Carlson:

BE IT RESOLVED THAT the report received from the Lethbridge & District Exhibition regarding the Exhibition Park Development Plan, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Friesen, Mr. Davis and Mr. Galko, be thanked for their presentation.

Absent: B.D. Mearns

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, R.K. Parker, S.R. Miyashiro

----- CARRIED

Councillor Mearns returned to City Council Chambers.

2.3 Carol Williams, Board Chair, Ryan Doherty, Director/Curator and Danielle Tait, Associate Director, Southern Alberta Art Gallery, re: Southern Alberta Art Gallery Facility Enhancements

J.H. Carlson:

BE IT RESOLVED THAT the report received from the Southern Alberta Art Gallery (SAAG) regarding Southern Alberta Art Gallery Facility Enhancements, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. Williams, Mr. Doherty and Ms. Tait be thanked for their presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

2.4 Tom Hopkins, Member, Lethbridge Fish and Game Association (LFGA), re: Upgrade to the Peenaquim Park Shooting Sports Facility

B.D. Mearns:

BE IT RESOLVED THAT the report received from the Lethbridge Fish and Game Association (LFGA) regarding Upgrade to the Peenaquim Park Shooting Sports Facility, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Hopkins and Mr. Friesen be thanked for their presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

2.5 Jennifer Lepko, CEO, YWCA Lethbridge and District, re: YWCA Lethbridge and District Capital Planning

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Young Womens' Christian Association (YWCA) regarding YWCA Lethbridge and District Capital Projects, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. Lepko be thanked for her presentation.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

Note: This project was removed from the CIP process because it was brought forward by the Social Housing in Action Committee on April 24, 2017 and was approved by City Council.

2.6 Tim Craddock, President and Michael Plouffe, General Manager, Henderson Lake Golf Club, re: Henderson Lake Golf Club 2017 Centennial Legacy Project

B.E. Hyggen:

BE IT RESOLVED THAT the report received from Henderson Lake Golf Club regarding Henderson Lake Golf Club 2017 Centennial Legacy Project, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Mr. Craddock and Mr. Plouffe be thanked for their presentation.

Absent: R.K. Parker

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, S.R. Miyashiro

----- CARRIED

2.7 Terra Plato, CEO and Sarah Head, Manager, Branch Services, Lethbridge Public Library, re: Expansion to the Crossings Branch Library

J.A. Coffman:

BE IT RESOLVED THAT the report received from the Lethbridge Public Library regarding Expansion to the Crossings Branch Library, be received as information and filed;

AND FURTHER BE IT RESOLVED THAT Ms. Plato and Ms. Head be thanked for their presentation.

Absent: R.K. Parker

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, S.R. Miyashiro

----- CARRIED

SUBMISSIONS:

3.1 Hailey Pinksen, Financial Planning and Budget Manager, re Distribution of 2018-2027 Capital Improvement Program (CIP) Working Draft: Section D Projects (Day 4 of 4)

B.E. Hyggen:

BE IT RESOLVED THAT the report received from the Administration, providing Distribution of 2018 – 2027 Capital Improvement Program (CIP) Working Draft Section D Projects (Day 4 of 4), be received as information and filed.

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman B.E. Hyggen, J.P. Mauro, B.D. Mearns, R.K. Parker, S.R. Miyashiro

----- CARRIED

ADJOURN:

J.P. Mauro:

THAT we do now adjourn this Finance Committee meeting.

Absent: R.K. Parker

In Favour: L.M. Iwaskiw, C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, J.P. Mauro, B.D. Mearns, S.R. Miyashiro

----- CARRIED

PRESENT:	Deputy Mayor	L.M. Iwaskiw
	Mayor	C.A. Spearman
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	B.D. Mearns
	Councillor	R.K. Parker
OTHERS:	City Clerk	A. Neufeld
	City Manager	G. Sherwin
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	G. Gauthier
	A/Legislative Coordinator	J. Robinson
Absent:	Councillor	J.P. Mauro
	Councillor	S.R. Miyashiro

PRESENTATIONS:

Councillor Parker Left the chambers because his spouse is part of the project.

2.2 Dave Schaaf, Waste and Recycling Services Manager, re: Waste and Recycling Services Curbside Project Update

B.D. Mearns:

BE IT RESOLVED THAT the report received from Administration regarding Curbside Recycling Materials Recovery Facility and Equipment, be received as information and filed; and

FURTHER BE IT RESOLVED THAT Mr. Schaaf be thanked for his presentation.

Absent: J.P. Mauro, S.R. Miyashiro, R.K. Parker

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns

----- **CARRIED**

SUBMISSIONS:

3.1 Questions re: Additional Information Provided for Projects continuing from prior Capital Improvement Program:

- North Regional Park (Legacy Park)
- Parks Asset Management
- Spitz Stadium
- Pathway Systems
- Yates Centre Renewal
- Arena Replacement
- 3rd Avenue Reconstruction Project
- West Side Operations Depot
- Joint Use School - Gymnasium

J.H. Carlson:

BE IT RESOLVED THAT the additional information received from Administration regarding projects continuing from the prior Capital Improvement Program, be received as information and filed.

Absent: J.P. Mauro, S.R. Miyashiro

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- **CARRIED**

PRESENT:	Deputy Mayor	L.M. Iwaskiw
	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mayro
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro
	Councillor	R.K. Parker
OTHERS:	City Clerk	A. Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	G. Gauthier

PRESENTATIONS:

2.1 Garth Sherwin, City Manger, re: Overview of the 2018-27 Capital Improvement Program (CIP) and Process

Deputy Mayor Iwaskiw, Chair, Finance Committee advised that the task of the Finance Committee is to prepare a 10 year Capital Improvement Program (CIP) 2018-2027) that will be forwarded to City Council for approval at the meeting of May 23, 2017.

The draft CIP reflects a desire firstly to complete projects which were previously approved, to take care of the assets the City currently owns and to consider new projects presented during the presentations from Administration and the Community.

Over the course of this week, Finance Committee will discuss the projects, debate and make decisions amending the draft 2018-2027 Capital Improvement Program

Garth Sherwin, City Manager, advised that Finance Committee's task is to complete preparations of a 10 year Capital Improvement Program (CIP) for 2018 - 2027 that will ultimately be approved by City Council. It should be noted that although this is a 10 year CIP, City Council will only approve the first four years of projects (i.e. 2018 - 2021). The operating costs relative to projects approved for 2018 - 2021 will be factored into the 2019 - 2022 Operating Budget. Alignment with the following documents has also been used by Administration when considering the CIP project:

Mr. Sherwin reported that over the past 4 years the formation of these draft CIP projects have been driven from the results of various planning documents, such as:

- Master Plans:
 - Transportation
 - Parks
 - Bikeways and Pathways
 - Cemeteries
 - Fire Services
 - Recreation and Cultural Facilities
 - Heart of our City
 - Landfill
- Facility Condition Audit
- Yates Functional Study and Concept Plan
- North Lethbridge Regional Park Needs Assessment

- Residential Waste Diversion Strategy
- ICI/C&D Waste Diversion Strategy
- AESO 2015 Long-Term Transmission Plan
- Transit and Para-transit Service Standards
- Growth Management Plan
- Various community based plans (Exhibition Park, PAC, Spitz Stadium, LFGA, Henderson Lake, etc)

Alignment with the following document has also been used by the Administration when considering CIP projects:

- South Saskatchewan Regional Plan (SSRP)
- Municipal Government Act (MGA)
- Integrated Community Sustainability Plan/Municipal Development Plan
- Lethbridge City Council Strategic Plan 2014 – 2017

Mr. Sherwin advised that the capital projects within this draft 2018-2027 Capital Improvement Program (CIP) are focused primarily on:

- Completing previously approved projects
- Taking care of assets we own
- Planning for the future
- Considering new projects that will enhance the quality of life of our citizens

He advised that significant work has been done and information collected which now serves as the foundation for this 10 year Capital Plan. Mr. Sherwin reported on the level of community input into these plans and the methods used to obtain public input.

Mr. Sherwin reported that the document has been built on the assumption the provincial government will replace the existing Municipal Sustainability Initiative (MSI) grant program with a similar grant funding program for years five to ten of this 2018-2017 CIP. Any project that ultimately is slotted in years five to ten (2022 to 2027) would be contingent on this new grant program and therefore be approved by a subsequent City Council. Lobbying the provincial government for an MSI replacement program should be one of the most important piece of work for the newly elected Council, not only in Lethbridge, but in communities across Alberta.

2.2 Corey Wight, City Treasurer, re: CIP Funding

Corey Wight, City Treasurer, provided information on the Capital Improvement Program and how it is divided into four major areas - Transportation (C); Community (D); Environment Utilities (E) and Electric Utility (F) and described the types of projects falling within these areas. He also reported on the grants and funding sources for each of the areas. He reported on the pay-as-you-go capacity and the increase in capacity with portions in the Transportation and Community areas funding from the operating budget. Through this there is an opportunity to borrow with payments being paid from the pay-as-you-go program. He highlighted the Offsite Levy which primarily funds Transportation and Environmental projects. On the Utility side, the major source of funding is from borrowing or cash payment. Mr. Wight reported on unrestricted funding, available unrestricted funding and the MSI replacement Program (shadow funding). He displayed a number of graphs identifying the total External Debt and 2015 Debt Per Capita comparison by Alberta municipalities and the estimated percentage of debt limit used. 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

QUESTIONS AND ANSWERS:

3.1 Questions and Answers on any of the CIP projects

City Council members asked questions on projects and process.

DEBATE AND RESOLUTIONS:

4.2 Section E and EO - Water, Wastewater, Solid Waste and Offsite Projects

4.3 Section F - Electric Projects

4.4 Section D

4.4.1 Previously Approved and Funded Projects (white sheets)

4.4.2 Maintain Current Assets/Ongoing Programs (blue sheets)

4.4.3 Community Projects - Alternate Funding (yellow sheets)

4.4.4 Community Projects - Planning - Alternate Funding (golden rod sheets)

4.4.5 Other Community Projects (green sheets)

4.5 Wrap Up Resolutions

ADJOURN:

R.K. Parker:

THAT we do now adjourn this Finance Committee meeting until 10:00 AM on Tuesday, May 16, 2017.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

PRESENT:	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mayo
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	L.M. Iwaskiw
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro
	Councillor	R.K. Parker

OTHERS:	City Clerk	A. Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	G. Gauthier

DEBATE AND RESOLUTIONS:

4.1 Section C and CO - Transportation and Offsite Projects

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as "Infrastructure - Transportation":

- C-5 Intersection Improvements – Non-Growth
- C-6 Bikeways/Pathways/Sidewalks Along Roadways
- C-7 Graveled Roadway Upgrading
- C-8 Accessibility Improvements
- C-9 Annual Overlay Program
- C-10 Bridge Rehabilitation Program
- C-11 Railway Rehabilitation Program
- C-12 Traffic Signals Replacement
- C-13 Major Sidewalk Rehabilitation Program
- C-14 Paved Lane Rehabilitation Program
- C-15 Community Lighting - Rehabilitation
- C-16 Arterial Sign Replacement
- C-17 Transportation Master Plan Update
- C-18 Functional Planning and Design - 62 Avenue North
- C-19 Chinook Trail River Crossing
- CO-1 Intersection Improvements – Growth
- CO-2 5 Avenue North and 13 Street North Preliminary Design
- CO-3 North Scenic Drive (Uplands Boulevard North to 40 Avenue North)
- CO-4 University Drive (Community Stadium to Sunridge Boulevard West)
- CO-5 University Drive (Walsh Drive to Highway 3 West)
- CO-6 Metis Trail (Temple Boulevard to Coalbrook Gate West)
- CO-7 Walsh Drive (University Drive to west of Metis Trail West)
- CO-8 University Drive (Walsh Drive to Commercial Access West)
- CO-9 Garry Drive (Garry Station to Homestead Boulevard West)
- CO-10 26 Avenue North (23 Street North to Scenic Drive North)
- CO-11 Metis Trail (Coalbrook Gate to Macleod Drive West);

be included in the recommendations forwarded to City Council.

Prior to a vote being called on the foregoing resolution, the following amendments were introduced.

Amendment #1:

J.P. Mauro:

WHEREAS the project to twin University Drive South from the Community Stadium to Sunridge Boulevard West (page CO-4) is currently scheduled to be completed in 2022; and

WHEREAS the City of Lethbridge annual census demonstrates the strongest growth over the past five years has occurred in West Lethbridge with an overall total increase of 33.7% in the southern part of the West Side; and

WHEREAS the 2016 census count identified that 22% of the west side population lives in SunRidge/Mountain Heights, RiverStone and Paradise Canyon; and

WHEREAS the continued population growth, both residential and commercial is increasing traffic on the west side and impacting the emergency response in west Lethbridge; and

WHEREAS a second West Side Firehall is being proposed in this area of the City; and

WHEREAS the University of Lethbridge Community Sports Stadium, a multi-sports venue that continues to attract new and unique events increasing user demand and traffic;

THEREFORE BE IT RESOLVED THAT CO-4, University Drive (Community Stadium to Sunridge Boulevard West), be accelerated two years so the completion year is 2020.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

Amendment #2:

J.A. Coffman:

BE IT RESOLVED THAT the Chinook Trail River Crossing project (C-19) be advanced to 2020 at a cost of \$4.35 million with funding of \$2.3 million from the Basic Municipal Transportation Grant, and \$2.05 million from the Municipal Revenue Stabilization Reserve; and

FURTHER BE IT RESOLVED THAT the 26 Avenue North project (CO-10) be deferred to 2028.

In Favour: J.P. Mauro, J.A. Coffman, B.E. Hyggen, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro

----- **DEFEATED**

Vote on the Resolution, as amended:

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as "Infrastructure - Transportation":

- C-5 Intersection Improvements – Non-Growth
- C-6 Bikeways/Pathways/Sidewalks Along Roadways
- C-7 Graveled Roadway Upgrading
- C-8 Accessibility Improvements
- C-9 Annual Overlay Program
- C-10 Bridge Rehabilitation Program
- C-11 Railway Rehabilitation Program
- C-12 Traffic Signals Replacement
- C-13 Major Sidewalk Rehabilitation Program
- C-14 Paved Lane Rehabilitation Program
- C-15 Community Lighting - Rehabilitation
- C-16 Arterial Sign Replacement
- C-17 Transportation Master Plan Update
- C-18 Functional Planning and Design - 62 Avenue North
- C-19 Chinook Trail River Crossing
- CO-1 Intersection Improvements – Growth
- CO-2 5 Avenue North and 13 Street North Preliminary Design
- CO-3 North Scenic Drive (Uplands Boulevard North to 40 Avenue North)
- CO-4 University Drive (Community Stadium to Sunridge Boulevard West)
- CO-5 University Drive (Walsh Drive to Highway 3 West)
- CO-6 Metis Trail (Temple Boulevard to Coalbrook Gate West)
- CO-7 Walsh Drive (University Drive to west of Metis Trail West)
- CO-8 University Drive (Walsh Drive to Commercial Access West)
- CO-9 Garry Drive (Garry Station to Homestead Boulevard West)
- CO-10 26 Avenue North (23 Street North to Scenic Drive North)
- CO-11 Metis Trail (Coalbrook Gate to Macleod Drive West);

as amended, be included in the recommendations forward to City Council; and

FURTHER BE IT RESOLVED THAT CO-4, University Drive (Community Stadium to Sunridge Boulevard West), be accelerated two years so the completion year is 2020.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen,

L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

4.2 Section E and EO - Water, Wastewater, Solid Waste and Offsite Projects

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as "Environmental - Utilities":

- E-6 Curbside Recycling
- E-7 Waste & Recycling Centre Disposal Cell Development and Closure
- E-8 Landfill Gas & Leachate Management System
- E-9 Waste & Recycling Centre Site Enhancements
- E-10 Waste Processing Facility Upgrade
- E-11 Wastewater Treatment Plant Headworks and Clarifier Upgrade
- E-12 Wastewater Treatment Plant Primary Clarifier Replacement
- E-13 Wastewater Treatment Plant Biosolids Treatment Upgrades
- E-14 Lift Station Rehabilitation
- E-15 Wastewater Treatment Plant Phosphorous Recovery
- E-16 Wastewater Treatment Plant UV Disinfection Upgrades
- E-17 Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade
- E-18 Water Treatment Plant Residuals Management
- E-19 Water Treatment Plant Instrumentation Upgrade
- E-20 Water Treatment Plant Process Redundancy
- E-21 Water Reservoir Upgrades
- EO-1 Watermain Loop Metis Trail (Coalbanks Link to Temple Boulevard West)
- EO-2 West Siphon Screen Relocation
- EO-3 Utility Extension Whoop Up (Mauretania Road to 30 Street West)
- EO-4 Macleod Westward Storm Outfall
- EO-5 Utility Extension Macleod Drive (Mount Burke to Metis Trail West)

be included in the recommendations forwarded to City Council.

Deputy Mayor Iwaskiw declared that this resolution would be voted on in two parts:

Part A:

Councillor Parker declared a conflict because his wife works in the department that facilitates a number of these projects and left City Council Chambers.

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as "Environmental - Utilities":

- E-6 Curbside Recycling
- E-7 Waste & Recycling Centre Disposal Cell Development and Closure
- E-8 Landfill Gas & Leachate Management System
- E-9 Waste & Recycling Centre Site Enhancements
- E-10 Waste Processing Facility Upgrade

Absent: J.P. Mauro, R.K. Parker

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro

Opposed: J.A. Coffman, B.E. Hyggen

----- CARRIED

Councillor Parker returned to Council Chambers

Part B:

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as "Environmental Utilities":

- E-11 Wastewater Treatment Plant Headworks and Clarifier Upgrade
- E-12 Wastewater Treatment Plant Primary Clarifier Replacement
- E-13 Wastewater Treatment Plant Biosolids Treatment Upgrades
- E-14 Lift Station Rehabilitation
- E-15 Wastewater Treatment Plant Phosphorous Recovery
- E-16 Wastewater Treatment Plant UV Disinfection Upgrades
- E-17 Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade
- E-18 Water Treatment Plant Residuals Management
- E-19 Water Treatment Plant Instrumentation Upgrade
- E-20 Water Treatment Plant Process Redundancy
- E-21 Water Reservoir Upgrades
- EO-1 Watermain Loop Metis Trail (Coalbanks Link to Temple Boulevard West)
- EO-2 West Siphon Screen Relocation
- EO-3 Utility Extension Whoop Up (Mauretania Road to 30 Street West)
- EO-4 Macleod Westward Storm Outfall
- EO-5 Utility Extension Macleod Drive (Mount Burke to Metis Trail West)

be included in the recommendations forwarded to City Council.

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

J.A. Coffman:

BE IT RESOLVED THAT Wastewater Treatment Plant Headworks and Clarifier Upgrade (E-11) be removed from the 2018-2027 Capital Improvement Program; and

FURTHER BE IT RESOLVED THAT the City Manager present City Council with a report regarding:

- a) the history of this capital project;
- b) the issues and concerns that have facilitated delays in completing the project;
- c) a detailed list of work completed to date;
- d) a detailed list of the work to be completed in the next four (4) years, and;
- e) any additional information relevant to the project or requested by City Council, and

FURTHER BE IT RESOLVED THAT following the presentation of the report and upon the satisfaction of City Council, the Wastewater Treatment Plant Headworks and Clarifier Upgrade (E-11) project be then considered as an amendment to the 2018-2027 Capital Improvement Program.

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

J.A. Coffman/B.D. Mearns:

BE IT RESOLVED THAT Amendment #1 to Projects E-6 to EO-5, Environmental Utilities, be postponed until Thursday.

In Favour: J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns,

R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, S.R. Miyashiro

----- CARRIED

Vote on Part B:

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as “Environmental Utilities”:

- E-11 Wastewater Treatment Plant Headworks and Clarifier Upgrade
- E-12 Wastewater Treatment Plant Primary Clarifier Replacement
- E-13 Wastewater Treatment Plant Biosolids Treatment Upgrades
- E-14 Lift Station Rehabilitation
- E-15 Wastewater Treatment Plant Phosphorous Recovery
- E-16 Wastewater Treatment Plant UV Disinfection Upgrades
- E-17 Wastewater Treatment Plant Bioreactor Aeration Blowers Upgrade
- E-18 Water Treatment Plant Residuals Management
- E-19 Water Treatment Plant Instrumentation Upgrade
- E-20 Water Treatment Plant Process Redundancy
- E-21 Water Reservoir Upgrades
- EO-1 Watermain Loop Metis Trail (Coalbanks Link to Temple Boulevard West)
- EO-2 West Siphon Screen Relocation
- EO-3 Utility Extension Whoop Up (Mauretania Road to 30 Street West)
- EO-4 Macleod Westward Storm Outfall
- EO-5 Utility Extension Macleod Drive (Mount Burke to Metis Trail West)

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

4.3 Section F - Electric Projects

C.A. Spearman:

BE IT RESOLVED THAT the following projects, identified in the 2018 - 2027 Capital Improvement Program as “Electric Utilities”:

- F-4 Protection and Control
- F-5 Substation Transformer Upgrades
- F-6 Substation Infrastructure (Yard/Building) Upgrades
- F-7 Substation Breakers and Switches Upgrade
- F-8 Substation 13.8kV Switchgear Upgrades
- F-9 North / South Transmission Tie Line in West Lethbridge
- F-10 Distribution Extension & Improvement Annual Program
- F-11 Distribution Renewal Annual Program
- F-12 Dark Fibre and Communications Systems
- F-13 Fleet Annual Program
- F-14 Support Plant Renewal Annual Program
- F-15 Electric System Control

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

4.4 Section D - Community

4.4.1 Previously Approved and Funded Projects (white sheets)

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as “Previously Approved Projects”:

- D-5 West Lethbridge Operations Depot (Phase 2)
- D-6 ATB Centre – Phase 2 (Leisure Complex)
- D-7 Legacy Park
- D-8 Yates Renewal
- D-9 Art Acquisition Program

be included in the recommendations forwarded to City Council.

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

Amendment #1

B.D. Mearns:

BE IT RESOLVED THAT D-5 West Lethbridge Operations Depot (Phase 2) be removed from the approved projects and be debated with unfunded projects.

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

B.D. Mearns/J.H. Carlson:

BE IT RESOLVED THAT the foregoing amendment be withdrawn.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

Vote on the original resolution:

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as “Previously Approved Projects”:

- D-5 West Lethbridge Operations Depot (Phase 2)
- D-6 ATB Centre – Phase 2 (Leisure Complex)
- D-7 Legacy Park
- D-8 Yates Renewal
- D-9 Art Acquisition Program

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

4.4 Section D - Community

4.4.2 Maintain Current Assets/Ongoing Programs (blue sheets)

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as “Maintain Current Assets/Ongoing Programs”:

- D-10 Parks Asset Management
- D-11 Pathway System Connections and Extensions
- D-12 Facility Assessment and Accessibility Upgrades
- D-13 Facility Assessment and Energy Efficiency Upgrades

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

4.4 Section D - Community

4.4.3 Community Projects - Alternate Funding (yellow sheets)

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as “New Facilities”:

- D-15 (Draft CIP: D-14) Transit Terminal and Regional Park n Ride
- D-16 (Draft CIP: D-15) Bark Park
- D-17 (Draft CIP: D-16) School Gymnasium Upsize
- D-18 (Draft CIP: D-17) New School Site Development
- D-19 (Draft CIP: D-18) West Lethbridge Operations Depot (Phase 3A)

be included in the recommendations forwarded to City Council.

Prior to a vote being called on the foregoing resolutions, the following amendments were introduced:

Amendment #1

B.E. Hyggen:

BE IT RESOLVED THAT D-16 (Draft CIP: D-15) Bark Park be removed from the approved projects and be debated with unfunded projects.

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

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

----- DEFEATED

Amendment #2

B.D. Mearns:

BE IT RESOLVED THAT D-19 (Draft CIP: D-18) West Lethbridge Operations Depot (Phase 3A) be removed from the approved projects and be debated with unfunded projects.

be included in the recommendations forwarded to City Council.

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

Opposed: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

----- DEFEATED

J.A. Coffman/J.H. Carlson:

BE IT RESOLVED THAT the resolution be voted on in two parts.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: L.M. Iwaskiw

----- CARRIED

Part A:

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as "New Facilities":

- D-15 (Draft CIP: D-14) Transit Terminal and Regional Park n Ride
- D-16 (Draft CIP:D-15) Bark Park
- D-18 (Draft CIP: D-17) New School Site Development
- D-16 (Draft CIP: D-18) West Lethbridge Operations Depot (Phase 3A)

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

Part B:

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as "New Facilities":

- D-17 (Draft CIP: D-16) School Gymnasium Upsize

be included in the recommendations forwarded to City Council.

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.A. Coffman, L.M. Iwaskiw,

----- CARRIED

4.4 Section D - Community

4.4.4 Community Projects - Planning - Alternate Funding (goldenrod sheets)

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as "Planning":

- D-35 (Draft CIP: D-19) Indigenous Cultural Centre Study
- D-36 (Draft CIP: D-20) Recreation and Culture Master Plan Update
- D-37 (Draft CIP: D-21) Accessibility Master Plan
- D-38 (Draft CIP: D-22) River Valley Accessibility Study
- (Draft CIP: D-23) People Places Community Plan

be included in the recommendations forwarded to City Council.

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

Amendment #1:

B.D. Mearns:

BE IT RESOLVED THAT D-23 People Places Community Plan be removed from the CIP 2018-2027 budget.

In Favour: C.A. Spearman, J.P. Mauro, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

Opposed: J.H. Carlson, J.A. Coffman, S.R. Miyashiro

----- CARRIED

J.A. Coffman/J.P. Mauro:

BE IT RESOLVED THAT the resolution be voted on in two parts.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

Part A:

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as "Planning":

- D-35 (Draft CIP: D-19) Indigenous Cultural Centre Study
- D-36 (Draft CIP: D-20) Recreation and Culture Master Plan Update
- D-37 (Draft CIP: D-21) Accessibility Master Plan

be included in the recommendations forwarded to City Council.

Absent: J.H. Carlson

In Favour: C.A. Spearman, J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

Part B:

C.A. Spearman:

BE IT RESOLVED THAT the following funded community projects, identified in the 2018 - 2027 Capital Improvement Program as "Planning":

D-38 (Draft CIP: D-22) River Valley Accessibility Study

be included in the recommendations forwarded to City Council.

Absent: J.H. Carlson

In Favour: C.A. Spearman, J.P. Mauro, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.A. Coffman

----- CARRIED

ADJOURN:

R.K. Parker:

THAT we do now adjourn this Finance Committee Meeting

Absent: J.H. Carlson.

In Favour: C.A. Spearman, J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

PRESENT:	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mayo
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	L.M. Iwaskiw
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro
	Councillor	R.K. Parker
OTHERS:	City Clerk	A. Neufeld
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	G. Gauthier

DEBATE AND RESOLUTIONS:

Order of Consideration of Projects:

J.A. Coffman/R.K. Parker:

THAT Finance Committee consider D-51 first and the balance of the projects in the order presented.

In Favour: J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw,

B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: C.A. Spearman

----- CARRIED

4.4 Section D - Community

4.4.5 Other Community Projects (green sheets)

D-42 (Draft CIP: D-51) Exhibition Park Trade, Convention Centre & Agriplex

Councillor Mearns declared a conflict because she works at the Exhibition Board and left City Council Chambers.

J.P. Mauro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-51, Exhibition Park Trade, Convention Centre & Agriplex.

Prior to a vote being called on the forgoing resolution, the following amendments were introduced:

Amendment #1:

C.A. Spearman:

FURTHER BE IT RESOLVED THAT the Convention Centre be removed from D-51, Exhibition Park Trade, Convention Centre & Agriplex.

Absent: B.D. Mearns

In Favour: C.A. Spearman, S.R. Miyashiro

Opposed: J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, R.K. Parker

----- **DEFEATED**

Amendment #2:

J.H. Carlson:

FURTHER BE IT RESOLVED THAT Project D-51, Phase 1 construction be moved to 2022; and

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy around Project D-51.

Absent: B.D. Mearns

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, R.K. Parker

----- **DEFEATED**

Amendment #3:

J.A. Coffman:

FURTHER BE IT RESOLVED THAT Finance Committee commit \$23.9 million in 2021 and \$33.9 million in 2022 for Project D-51 Phase 1 Construction; and

FURTHER BE IT RESOLVED THAT Phase 1 Construction will commence after confirmation that all funding is in place; and

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy around Project D-51.

Absent: B.D. Mearns

In Favour: J.P. Mauro, J.A. Coffman, B.E. Hyggen, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro

----- **DEFEATED**

Amendment #4:

C.A. Spearman:

FURTHER BE IT RESOLVED THAT City Council approve a tax increase of up to 1% in property taxes per year for each of 2019 to 2022 to fund the Exhibition project.

Absent: B.D. Mearns

In Favour: C.A. Spearman, J.H. Carlson, S.R. Miyashiro

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, R.K. Parker

----- **DEFEATED**

Original Resolution:

J.P. Mauro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-51, Exhibition Park Trade, Convention Centre & Agriplex.

Absent: B.D. Mearns

In Favour: J.P. Mauro, J.A. Coffman, B.E. Hyggen, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro

----- **DEFEATED**

D-24 (Draft CIP) ENMAX Centre Parking Lot Renewal and Upgrade

Councillor Mearns returned to City Council Chambers.

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-24, Enmax Centre Parking Lot Renewal and Upgrade.

In Favour: C.A. Spearman, J.H. Carlson, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns

----- **DEFEATED**

D-14 (Draft CIP: D-25) River Valley Protective Fencing

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-25, River Valley Protective Fencing.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: B.E. Hyggen

----- CARRIED

D-20 (Draft CIP: D-26) Galt Museum Parking Lot Upgrade

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-26, Galt Museum Parking Lot Upgrade.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

D-31 (Draft CIP: D-27) Galt Gardens Reconstruction

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-27, Galt Gardens Reconstruction.

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

Amendment #1

J.H. Carlson:

FURTHER BE IT RESOLVED THAT the entire D-27 Project, Galt Gardens Reconstruction, be deferred for 4 years to begin in 2022.

In Favour: J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, B.E. Hyggen, B.D. Mearns

----- CARRIED

Original Resolution as amended:

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-27, Galt Gardens Reconstruction, as amended.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

D-28 (Draft CIP) University Drive Median Trees

J.P. Mauro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-28, University Drive Median Trees.

In Favour: R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen,

L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro

----- DEFEATED

D-21 (Draft CIP D-29) Spitz Stadium Grandstand - Phase 2

B.D. Mearns:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-29, Spitz Stadium Grandstand – Phase 2.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen,

L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

ADJOURN:

R.K. Parker:

THAT we do now adjourn this Finance Committee Meeting

In Favour: C.A. Spearman, J.P. Mauro, J.H. Coffman, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

PRESENT:	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mayro
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	L.M. Iwaskiw
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro (arrived at 11:03 AM)
	Councillor	R.K. Parker

OTHERS:	Deputy City Clerk	D. Sarsfield
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	T. Jorgensen
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	T. Grindle

DEBATE AND RESOLUTIONS:

4.4 Section D - Community

4.4.5 Other Community Projects (green sheets) - Continued

D-30 (Draft CIP) Fairmont Multi-Use Sports Court

Councillor Hyggen declared a conflict because he lives adjacent to this property and left City Council Chambers.

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-30, Fairmont Multi-Use Sports Court.

Absent: B.E. Hyggen

In Favour: C.A. Spearman, J.A. Coffman, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.H. Carlson, L.M. Iwaskiw, B.D. Mearns

----- **DEFEATED**

Councillor Hyggen returned to City Council Chambers.

D-22 (Draft CIP: D-31) 3rd Avenue South (4th to 8th Street) Reconstruction

J.A. Coffman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-31, 3rd Avenue South (4th to 8th Street) Reconstruction.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, R.K. Parker

Opposed: J.P. Mauro, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro

----- CARRIED

D-25 (Draft CIP: D-32) Nikka Yuko Japanese Garden Programming & Community Facility

B.D. Mearns:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-32, Nikka Yuko Japanese Garden Programming & Community Facility.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

D-33 (Draft CIP) Whoop Up Drive Cycle Escalator

J.A. Coffman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-33, Whoop Up Drive Cycle Escalator.

Opposed: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen,

L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- DEFEATED

D - 26 (Draft CIP: D-34) Crossings Branch Expansion and Enhancement

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-34, Crossings Branch Expansion and Enhancement.

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

Amendment #1

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the CIP include only \$208,000 which is needed to repair the HVAC system.

In Favour: C.A. Spearman, J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns

Opposed: J.H. Carlson, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

Amendment #2

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

FURTHER BE IT RESOLVED THAT the remaining \$725,000 be moved to 2022 in the CIP.

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

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

----- **CARRIED**

Vote on Original Resolution, as amended:

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-34, Crossings Branch Expansion and Enhancement, as amended.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- **CARRIED**

D-27 (Draft CIP D-35) Legacy Park (Additional Amenities)

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-35, Legacy Park (Additional Amenities).

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

D-29 (Draft CIP: D-36) Fire Station #3 (16th Avenue South) Relocation and 911 Backup

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-36, Fire Station #3 (16th Avenue South) Relocation and 911 Backup.

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

D-28 (Draft CIP D-37) New Fire Station #5 - West

R.K. Parker:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-37, New Fire Station #5 – West; and

FURTHER BE IT RESOLVED THAT \$2,300,000 be approved from Residential Subdivision Surplus to fund the extension of infrastructure from Jerry Potts and Macleod Drive West to the location of the fire station.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

D-38 (Draft CIP) Downtown Gateways

R.K. Parker:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-38, Downtown Gateways.

In Favour: J.H. Carlson, R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw,

B.D. Mearns, S.R. Miyashiro

----- DEFEATED

D-39 (Draft CIP) Community Entrance Gateways

R.K. Parker:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-39, Community Entrance Gateways.

In Favour: L.M. Iwaskiw, R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro

----- DEFEATED

D-30 (Draft CIP: D-40) Yates Enhancement

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-40, Yates Enhancement.

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

Amendment #1

J.H. Carlson:

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-40, Yates Enhancement, beginning in year 2022.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

Vote on Original Resolution:

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-40, Yates Enhancement, as amended.

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

D-23 (Draft CIP: D-41) 3rd Avenue South (Stafford Drive to Mayor Magrath Drive South) Beautification

J.P. Mauro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-41, 3rd Avenue South (Stafford Drive to Mayor Magrath Drive South) Beautification.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

D-24 (Draft CIP: D-42) 4th Avenue South Enhancements

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-42, 4th Avenue South Enhancement.

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

Amendment #1

B.E. Hyggen:

FURTHER BE IT RESOLVED THAT the primary infrastructure focus be 4th Avenue from 5th Street to 7th Street with patio bump outs available throughout the downtown core; and

FURTHER BE IT RESOLVED THAT the budget be reduced to \$1 million.

In Favour: C.A. Spearman, J.A. Coffman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.H. Carlson, L.M. Iwaskiw

----- CARRIED

Vote on the Original Resolution:

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-42, 4th Avenue South Enhancements, as amended.

In Favour: C.A. Spearman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw

----- **CARRIED**

D-43 (Draft CIP) 5th Street South (1st to 6th Avenue South) Reconstruction

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-43, 5th Street South (1st to 6th Avenue South) Reconstruction.

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

Amendment #1

B.D. Mearns:

BE IT RESOLVED THAT funding for Project D-43, 5th Street South (1st to 6th Avenue South) Reconstruction, be moved forward one year to 2022 and 2023.

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

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

----- **DEFEATED**

Vote on the Original Resolution:

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-43, 5th Street South (1st to 6th Avenue South) Reconstruction.

In Favour: C.A. Spearman, J.H. Carlson, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns

----- **DEFEATED**

D-44 (Draft CIP) Multi-Purpose All Weather Fields

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-44, Multi-Purpose All Weather Fields.

In Favour: S.R. Miyashiro

Opposed: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, R.K. Parker

----- **DEFEATED**

D-32 (Draft CIP: D-45) Arena Replacement

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-45, Arena Replacement.

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro, J.A. Coffman, L.M. Iwaskiw

----- **CARRIED**

D-33 (Draft CIP: D-46) Royal View Memorial Cemetery Phase 2

S.R. Miyashiro:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-46, Royal View Memorial Cemetery Phase 2.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- **CARRIED**

D-39 (Draft CIP: D-47) Southern Alberta Art Gallery (SAAG) Facility Enhancements

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-47, Southern Alberta Art Gallery (SAAG) Facility Enhancements.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

ADJOURN:

R.K. Parker:

THAT we do now adjourn this Finance Committee Meeting

In Favour: C.A. Spearman, J.P. Mauro, J.H. Coffman, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

PRESENT:	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mauro
	Councillor	J.H. Carlson
	Councillor	J.A. Coffman
	Councillor	B.E. Hyggen
	Councillor	L.M. Iwaskiw
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro
	Councillor	R.K. Parker

OTHERS:	Deputy Clerk	D. Sarsfield
	Legislative Coordinator	B. Burke
	City Manager	G. Sherwin
	City Solicitor	T. Jorgensen
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	T. Grindle

DEBATE AND RESOLUTIONS:

4.4 Section D - Community

4.4.5 Other Community Projects (green sheets) - Continued

D-40 (Draft CIP: D-48) Shooting Sports Facility Safety Enhancement

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-48, Shooting Sports Facility Safety Enhancement.

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

Amendment #1:

B.D. Mearns:

THEREFORE BE IT RESOLVED THAT Project D-48, Shooting Sports Facility Safety Enhancement be moved to 2022 and 2023.

In Favour: J.P. Mauro, J.H. Carlson, L.M. Iwaskiw, B.D. Mearns

Opposed: C.A. Spearman, J.A. Coffman, B.E. Hyggen, S.R. Miyashiro, R.K. Parker

----- DEFEATED

Vote on the Original Resolution:

B.E. Hyggen:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-48, Shooting Sports Facility Safety Enhancement.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

D-41 (Draft CIP: D-49) Henderson Lake Golf Course Upgrades

Councillor Mauro declared a conflict because he is a member of Henderson Lake Golf Club and left City Council Chambers.

C.A. Spearman:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-49, Henderson Lake Golf Club Upgrades.

Absent: J.P. Mauro

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: L.M. Iwaskiw

----- CARRIED

D-34 (Draft CIP: D-50) Performing Arts Centre

Councillor Mauro returned City Council Chambers.

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

WHEREAS this project is the design and construction of a new performing arts theatre; and,

WHEREAS the project is supported by two studies commissioned by the City of Lethbridge; and

WHEREAS, City Council has contingently committed \$10 million towards the total cost of this project; and,

WHEREAS a Performing Arts Centre Study will review previous performing arts studies, recommend options for a facility location, assess operating model options and determine financial costs for construction and operating the facility;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include \$375,000 for a Performing Arts Centre study commencing in 2020, Project D-50, Performing Arts Centre; and

FURTHER BE IT RESOLVED THAT \$6,200,000 (2018 dollars) for detailed design be included in the 2021 Capital Improvement Program; and

FURTHER BE IT RESOLVED THAT THE remaining \$62,000,000 (2018 dollars) for construction be included in the 2022 – 2025 Capital Improvement Program with funding contingent on a Provincial Municipal Sustainability Initiative (MSI) replacement program.

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

Amendment #1

J.A. Coffman:

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy for project D-50.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

Amendment #2

C.P. Mauro:

FURTHER BE IT RESOLVED THAT the \$6.2 million (2018 dollars) for detailed design be moved from 2021 to 2022.

In Favour: J.P. Mauro, B.E. Hyggen, B.D. Mearns, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, S.R. Miyashiro

----- **DEFEATED**

Amendment #3

C.A. Spearman:

FURTHER BE IT RESOLVED THAT the \$375,000 be moved from 2020 to 2018.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

Amendment #4

J.A. Coffman:

FURTHER BE IT RESOLVED THAT a Steering Committee be established for this project with members of City Council included in the membership; and

FURTHER BE IT RESOLVED THAT the Steering Committee include, as part of its oversight on this project, the development of a Business Plan and Operational Options to be presented for Council's consideration and approval.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

Prior to a vote being called on the original resolution, as amended, Deputy Mayor Iwaskiw declared that the resolution would be voted on in parts.

Part A:

J.H. Carlson:

THEREFORE BE IT RESOLVED THAT \$6,200,000 (2018 dollars) for detailed design be included in 2021.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

Part B:

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

WHEREAS this project is the design and construction of a new performing arts theatre; and,

WHEREAS the project is supported by two studies commissioned by the City of Lethbridge; and

WHEREAS, City Council has contingently committed \$10 million towards the total cost of this project; and,

WHEREAS a Performing Arts Centre Study will review previous performing arts studies, recommend options for a facility location, assess operating model options and determine financial costs for construction and operating the facility;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include \$375,000 for a Performing Arts Centre study commencing in 2018, Project D-34 (Draft CIP: D-50), Performing Arts Centre; and

FURTHER BE IT RESOLVED THAT THE remaining \$62,000,000 (2018 dollars) for construction be included in the 2022 – 2025 Capital Improvement Program with funding contingent on a Provincial Municipal Sustainability Initiative (MSI) replacement program; and

FURTHER BE IT RESOLVED THAT a Steering Committee be established for this project with members of City Council included in the membership; and

FURTHER BE IT RESOLVED THAT the Steering Committee include, as part of its oversight on this project, the development of a Business Plan and Operational Options to be presented for Council's consideration and approval; and

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy around Project D-34 (Draft CIP: D-50).

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

Reconsideration of Resolutions or Projects:

Deputy Mayor Iwaskiw explained the process for reconsideration: She advised that according to the Procedure Bylaw, in order to propose the reconsideration of resolutions or projects that have previously been debated two resolutions are required. The first resolution will be to reconsider and a simple majority is required to pass. The second resolution, if the majority are in favour of proceeding, is a vote on the original resolution or an amended version and a two-thirds vote is required to pass (6 out of 9).

A. Reconsideration of D-42 (Draft CIP: D-51) Exhibition Park Trade, Convention Centre and Agriplex

Councillor Mearns declared a conflict because she works at Exhibition Park and left City Council Chambers.

J.A. Coffman:

THAT D-51 Exhibition Park Trade, Convention Centre & Agriplex be reconsidered.

Absent: B.D. Mearns

In Favour: C.A. Spearman, J.P. Mauro, J.A. Coffman, B.E. Hyggen, S.R. Miyashiro, R.K. Parker

Opposed: J.H. Carlson, L.M. Iwaskiw

----- CARRIED

S.R. Miyashiro/R.K. Parker:

THAT the resolution be voted on in parts.

Absent: B.D. Mearns

In Favour: S.R. Miyashiro, R.K. Parker

Opposed: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen,
L.M. Iwaskiw

----- DEFEATED

Resolution for Reconsideration: D-42 (Draft CIP: D-51) Exhibition Park Trade, Convention Centre & Agriplex

J.A. Coffman:

BE IT RESOLVED THAT Finance Committee commit \$2.2 million in 2018 of which the City contribution is \$1.1 million; and

FURTHER BE IT RESOLVED THAT Finance Committee commit \$10 million in 2021 and \$49.8 million in 2022 of which the City contribution is \$47.8 million for Project D-51 Phase 1 Construction; and

FURTHER BE IT RESOLVED THAT Phase 1 construction will commence after confirmation that all funding is in place; and

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy around Project D-51.

Two-thirds majority is required to pass a resolution on the original or an amended resolution on a reconsidered project.

Absent: B.D. Mearns

In Favour: J.P. Mauro, J.A. Coffman, B.E. Hyggen, S.R. Miyashiro, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw

----- DEFEATED

B. Reconsideration of D-42 (Draft CIP: D-51) Exhibition Park Trade, Convention Centre and Agriplex

J.H. Carlson:

THAT D-51 Exhibition Park Trade, Convention Centre & Agriplex be reconsidered.

Absent: B.D. Mearns

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

Opposed: J.P. Mauro

----- CARRIED

Resolution for Reconsideration: D-42 (Draft CIP: D-51) Exhibition Park Trade, Convention Centre & Agriplex

J.H. Carlson:

WHEREAS the above noted project was presented to Finance Committee to be considered in the 2018 – 2027 Capital Improvement Program;

THEREFORE BE IT RESOLVED THAT the 2018 – 2027 Draft Capital Improvement Program be amended to include Project D-42 (Draft CIP: D-51), Exhibition Park Trade, Convention Centre & Agriplex; and

FURTHER BE IT RESOLVED THAT Finance Committee commit \$2.2 million in 2018 of which the City contribution is \$1.1 million; and

FURTHER BE IT RESOLVED THAT Project D-42 (Draft CIP: D-51) Construction, be moved to 2022; and

FURTHER BE IT RESOLVED THAT the City Manager develop a funding strategy around Project D-42 (Draft CIP: D-51).

Two-thirds majority is required to pass a resolution on the original or an amended resolution on a reconsidered project.

Absent: B.D. Mearns

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

----- CARRIED

C. E-6 to EO-5 Environmental Utilities

J.A. Coffman

E-11 Wastewater Treatment Plant Headworks and Clarifier Upgrade

BE IT RESOLVED THAT Wastewater Treatment Plant Headworks and Clarifier Upgrade (E-11) be removed from the 2018-2027 Capital Improvement Program; and

FURTHER BE IT RESOLVED THAT the City Manager present City Council with a report regarding:

- a) the history of this capital project;
- b) the issues and concerns that have facilitated delays in completing the project; c) a detailed list of work completed to date;
- c) a detailed list of the work to be completed in the next four (4) years, and;
- d) any additional information relevant to the project or requested by City Council, and

FURTHER BE IT RESOLVED THAT following the presentation of the report and upon the satisfaction of City Council, the Wastewater Treatment Plant Headworks and Clarifier Upgrade (E-11) project be then considered as an amendment to the 2018-2027 Capital Improvement Program.

Prior to a vote being called on the foregoing resolution, City Council unanimously agreed that the amendment be withdrawn.

D. D-36 (Draft CIP: D-20) Recreation and Culture Master Plan Update

J.H. Carlson:

THAT D-20 Recreation and Culture Master Plan Update be reconsidered.

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

Resolution for Reconsideration: D-36 (Draft CIP: D-20) Recreation and Culture Master Plan Update

J.H. Carlson:

WHEREAS Finance Committee has approved Project (D-20), being the Recreation and Culture Master Plan Update, which will among other things consider an assessment of current City facilities, best practices research, community engagement and consultation, service levels, consider community demographics and evaluate gaps in the current services delivery model; and

WHEREAS the proposed People Place Community Plan (D-23) would have, among other things, assessed places where people can come together in community, including: underutilized neighborhood spaces and parks, boulevards, plazas, streets, and semi-public spaces, and consider opportunities to support these underutilized places with seating areas, benches, gazebos, community gardens; and

WHEREAS the community outcomes associated with both plans can be achieved if combined into a single Master Plan while also avoiding any duplication of efforts in regards to best practice research, community engagement, consultation, community demographics and gap analysis; and

THEREFORE BE IT RESOLVED that City Council hereby amend D-20 to include outcomes associated with the People Places Community Plan as part of the Recreation and Culture Master Plan and that the proposed budget be amended from \$350,000 to \$500,000; and

FURTHER BE IT RESOLVED THAT this Master Plan be coordinated between the Recreation and Culture Department and the Planning Department to maximize synergies and ensure community wide planning, recreation and culture objectives are achieved.

Two-thirds majority is required to pass a resolution on the original or an amended resolution on a reconsidered project.

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, B.D. Mearns, R.K. Parker

----- DEFEATED

E. D-31 (Draft CIP: D-27) Galt Gardens Reconstruction

C.A. Spearman:

THAT D-27 Galt Gardens Reconstruction be reconsidered

In Favour: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, R.K. Parker

Opposed: J.P. Mauro, J.A. Coffman, B.E. Hyggen, B.D. Mearns, S.R. Miyashiro

----- DEFEATED

4.5 Wrap Up Resolution

C.A. Spearman:

WHEREAS Finance Committee has reviewed and made amendments to the 2018-2027 Draft Capital Improvement Program (CIP);

AND WHEREAS there is an objective to approve a four (4) year capital plan (2018-2021) within the ten-year planning context in order that the corresponding operating costs from the approved projects can be included in the 2019-2022 operating budget;

AND WHEREAS Finance Committee has allocated community projects (green sheets) into three CIP cycles (2018-2021, 2022-2025, 2026-2027);

AND WHEREAS the unfunded community projects (green sheets) are currently shown in 2018 dollars;

THEREFORE BE IT RESOLVED THAT the projects be allocated within the assigned CIP cycles to match revenue available by year; and

FURTHER BE IT RESOLVED THAT project costs and revenues be adjusted for inflation; and

FURTHER BE IT RESOLVED THAT \$2,300,000 be approved from Residential Subdivision Surplus to fund the extension of infrastructure from Jerry Potts and Macleod Drive West to the location of the new fire station in west Lethbridge; and

FURTHER BE IT RESOLVED THAT the Draft 2018-2027 CIP, as amended, be referred to City Council for consideration on May 23, 2017.

In Favour: C.A. Spearman, J.H. Carlson, J.A. Coffman, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- CARRIED

ADJOURN:

R.K. Parker:

THAT we do now adjourn this Finance Committee meeting until 10:00 AM on Tuesday, May 16, 2017.

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, J.A. Coffman, B.E. Hyggen, L.M. Iwaskiw, B.D. Mearns, S.R. Miyashiro, R.K. Parker

----- CARRIED

PRESENT:	Mayor	C.A. Spearman
	Deputy Mayor	J.P. Mauro
	Councillor	J.H. Carlson
	Councillor	B.E. Hyggen
	Councillor	L.M. Iwaskiw (left at 3:30 PM)
	Councillor	B.D. Mearns
	Councillor	S.R. Miyashiro
	Councillor	R.K. Parker

OTHERS:	Deputy City Clerk	D. Sarsfield
	Legislative Coordinator	B. Burke
	A/Legislative Coordinator	J. Robinson
	City Manager	G. Sherwin
	City Solicitor	T. Jorgensen
	City Treasurer	C. Wight
	Director of City Manager's Office	J. Meli
	Director of Infrastructure Services	D. Hawkins
	Director of Community Services	T. Vanden Heuvel
	Director of Planning & Development	J. Greene
	Communications Advisor	T. Grindle

Absent:	Councillor	J.A. Coffman
----------------	------------	--------------

SUBMISSIONS:

5.3 Councillor Jeff Carlson, Chair, Open and Effective Government Committee, re: 2018 - 2027 City of Lethbridge Capital Improvement Program (CIP) Public Engagement Process - What We Heard Report

J.H. Carlson:

BE IT RESOLVED THAT the report from Councillor Carlson, Chair, Open and Effective Government Committee, regarding the 2018 – 2027 City of Lethbridge Capital Improvement Program (CIP) Public Engagement Process – What We Heard Report, be received as information and filed.

Absent: J.A. Coffman, L.M. Iwaskiw

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, B.E. Hyggen,

S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- **CARRIED**

OFFICIAL BUSINESS:

6.1A Capital Improvement Program (CIP) Approval

L.M. Iwaskiw:

WHEREAS Finance Committee has reviewed and made amendments to the 2018-2027 Draft Capital Improvement Program (CIP);

AND WHEREAS there is an objective to approve a four (4) year capital plan (2018-2021) within the ten-year planning context in order that the corresponding operating costs from the approved projects can be included in the 2019-2022 operating budget;

AND WHEREAS Finance Committee has allocated community projects (green sheets) into three CIP cycles (2018-2021, 2022-2025, 2026-2027);

AND WHEREAS the unfunded community projects (green sheets) are currently shown in 2018 dollars;

THEREFORE BE IT RESOLVED THAT the projects be allocated within the assigned CIP cycles to match revenue available by year;

AND FURTHER BE IT RESOLVED THAT project costs and revenues be adjusted for inflation;

AND FURTHER BE IT RESOLVED THAT \$2,300,000 be approved from Residential Subdivision Surplus to fund the extension of infrastructure from Jerry Potts and Macleod Drive West to the location of the new fire station in west Lethbridge;

AND FURTHER BE IT RESOLVED THAT the Draft 2018-2027 CIP, as amended, excluding the following projects be approved:

E-6 – E-10	Environmental Utilities, Waste and Recycling Services
D-41 (Draft CIP D-49)	Henderson Lake Golf Club Upgrades
D-42 (Draft CIP D-51)	Exhibition Park Trade, Convention Centre & Agriplex

Absent: J.A. Coffman

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

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

----- **CARRIED**

6.1B Capital Improvement Program (CIP) Approval E-6 to E-10 Environmental Utilities, Waste and Recycling Services

Councillor Parker declared a conflict because his wife works in the department that facilitates a number of these projects and left City Council Chambers.

L.M. Iwaskiw:

THEREFORE BE IT RESOLVED THAT the 2018 to 2027 Capital Improvement Program be amended to include:

E-6 to E-10 Environmental Utilities, Waste and Recycling Services as outlined below:

- E-6 Curbside Recycling
- E-7 Waste & Recycling Centre Disposal Cell Development and Closure
- E-8 Landfill Gas & Leachate Management System
- E-9 Waste & Recycling Centre Site Enhancements
- E-10 Waste Processing Facility Upgrade

AND FURTHER BE IT RESOLVED THAT the E6 to E-10 Environmental Utilities, Waste and Recycling Services be approved.

Absent: J.A. Coffman, R.K. Parker

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw,

S.R. Miyashiro, B.D. Mearns

Opposed: J.P. Mauro

----- CARRIED

Councillor Parker returned City Council Chambers.

6.1C Capital Improvement Program (CIP) Approval D-41 (Draft CIP: D-49) Henderson Lake Golf Club Upgrades

Councillor Mauro declared a conflict because he is a member of Henderson lake Golf Club and left City Council Chambers.

L.M. Iwaskiw:

THEREFORE BE IT RESOLVED THAT the 2018 to 2027 Capital Improvement Program be amended to include D-49 Henderson Lake Golf Club Upgrades;

AND FURTHER BE IT RESOLVED THAT the D-49 Henderson Lake Golf Club Upgrades be approved.

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

In Favour: C.A. Spearman, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw,

S.R. Miyashiro, B.D. Mearns, R.K. Parker

----- CARRIED

Councillor Mauro returned City Council Chambers.

6.1D Capital Improvement Program (CIP) Approval D-42 (Draft CIP D-51) Exhibition Park Trade, Convention Centre & Agriplex

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

B.E. Hyggen:

THEREFORE BE IT RESOLVED THAT the 2018 to 2027 Capital Improvement Program be amended to include D-51 – Exhibition Park Trade, Convention Centre & Agriplex as amended as outlined below:

- That the 2018 – 2027 Capital Improvement Program commit \$2.2 million in 2018 of which the City contribution is \$1.1 million; and
- That Construction for Project D-51– Exhibition Park Trade, Convention Centre & Agriplex, be moved to 2022; and
- That the City Manager develop a funding strategy around Project D-51.

AND FURTHER BE IT RESOLVED THAT the D-51 – Exhibition Park Trade, Convention Centre & Agriplex, as amended, be approved.

Prior to the vote on the foregoing resolution the following amendment was presented:

J.P. Mauro:

BE IT RESOLVED that \$6 million be added to 2021 for Project D-51 Exhibition Park Trade, Convention Centre & Agriplex.

Absent: J.A. Coffman, B.D. Mearns

In Favour: J.P. Mauro, B.E. Hyggen, R.K. Parker

Opposed: C.A. Spearman, J.H. Carlson, L.M. Iwaskiw, S.R. Miyashiro

----- **DEFEATED**

Vote on the Original Resolution:

Absent: J.A. Coffman, B.D. Mearns

In Favour: C.A. Spearman, J.P. Mauro, J.H. Carlson, B.E. Hyggen, L.M. Iwaskiw, S.R. Miyashiro, R.K. Parker

----- **CARRIED**

Councillor Mearns returned City Council Chambers.

6.2 2022 - 2031 Capital Improvement Program (CIP)

The item was withdrawn prior to the start of the meeting due to the absence of the sponsor, Councillor Coffman.

**CAPITAL IMPROVEMENT PROJECTS
CONSIDERED – NOT APPROVED**

2018-2027

Major Program: **Maintain Current Assets/Ongoing Programs**Project Title: **ENMAX Centre Parking Lot Renewal and Upgrade**Dept - Project #: **383**Start Year: **2022**End Year: **2023**Capital Improvement Program
2018 to 2027**Description & Location**

The project will include reconstruction of the parking lots, including the asphalt surface, subgrade, storm water collection system, and electrical wiring. The parking lots will be reconfigured to improve vehicle and pedestrian circulation and barrier free parking. It will also include new landscaping, upgraded LED site lighting, and remote utility connections to support outdoor events.

It is proposed that this project be implemented in two phases beginning in 2022. The first phase would be the renewal and upgrade of the west lot, followed by the north lot. Each phase would cost approximately \$6.3 million.

Purpose & Justification

The west and north parking lots at the ENMAX Centre require renewal and upgrading to improve their condition and functionality. The west parking lot in particular is in poor condition and has shown signs of deterioration (e.g. crumbling pavement, cracks, and pot holes). Both parking lots have poor surface drainage, leading to ponding of water and slip hazards in cold weather. Furthermore, a recent break in the wiring to the parking lot lights indicate that the underground wiring throughout is likely in poor condition.

Renewal of these parking lots would allow them to be reconfigured and upgraded to improve functionality. Improvements would include: better vehicle and pedestrian circulation and access, improved lighting distribution, remote utility (power/water/data) connections to support outdoor events, and improved barrier free parking stalls in closer proximity to the main entrance.

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						5,977	5,977					11,954
Consultive Services						167	167					334
Other						110	110					220
						6,254	6,254					12,508
Total Costs						6,254	6,254					12,508
Funding												
Undetermined Funding						6,254	6,254					12,508
						6,254	6,254					12,508
Total Funding						6,254	6,254					12,508

Estimated Debt Charges

Projected Net Operating Costs

Comments



Major Program: **New Facilities**

Project Title: **University Drive Median Trees**

Dept - Project #: **359**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The current median on University Drive north of Whoop Up Drive is concrete between the curbs. Some of the areas are wide enough to support trees and landscaping to beautify the area. The work would involve removing the concrete, digging out the packed road material and replacing it with topsoil so trees and shrubs could be planted. Irrigation to sustain plant material would be brought under the driving lanes and installed in the median.</p>	<p>Residents have noticed the lack of trees and landscaping on University Drive north of Whoop Up Drive compared to the landscaped medians south of Whoop Up Drive. This project would landscape the medians wide enough to sustain trees and provide some tree planting in the interchange area of Whoop Up Drive and University Drive including plant material and irrigation.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		1,324										1,324
Consultive Services		276										276
		1,600										1,600
Total Costs		1,600										1,600
Funding												
Undetermined Funding		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	11	11	11	12	12	13	13	14	14	

<u>Comments</u>



Major Program: **New Facilities**

Project Title: **Fairmont Multi-Use Sports Court**

Dept - Project #: **364**

Start Year: **2018**

End Year: **2018**



Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>A multi-use sport court could include basketball, some skateboarding features, hopscotch, dodge ball, street hockey, chess and checker tables, chalk art surface and fitness equipment. The configuration would center the activities in one area near the playground and create a social or meeting area for those using the area from the surrounding community.</p> <p>This is a community park and the addition of the facilities would not be on a scale to attract people into the area but would be scaled to function as a community draw for residents.</p>	<p>Fairmont Garden Park is one of two parks in the Fairmont area built with low function, they are nicely landscaped but offer little for recreational activity or use. Each park has a playground and some pathways. Some Fairmont residents in the area have expressed disappointment in the fact that their recreation opportunities are limited by design and have asked for amenities to be constructed to meet their needs. Those individuals have opened a discussion with the community and a request to the City.</p> <p>The Parks department conducted a formal survey complete with specific information about the facility and location which resulted in 100% response rate. The survey was conducted between November 23, 2015 and December 14, 2015. Direct mail to 96 residents immediately adjacent the park were mailed survey questions. The survey resulted in 101 responses received with 51 indicating that they were in favor of the multi-use sport court and 50 respondents indicating that they were opposed to the park amenities.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction		400										400
Consultive Services		25										25
		425										425
Total Costs		425										425
Funding												
Undetermined Funding		425										425
		425										425
Total Funding		425										425
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	3	3	3	3	3	3	4	4	4	

Comments



OPTIONS FOR A MULTI-USE ACTIVITY COURT

- Basketball court
- Skateboarding along court perimeter
- Hopscotch, foursquare and other surface line games
- Dodgeball
- "Street" Hockey
- Chess/checker board tables
- Chalk art surface
- Outdoor fitness equipment



**FAIRMONT SPORT COURT
RESIDENT NEEDS SURVEY**

November 23 to December 14, 2015

Survey participation <https://www.surveymonkey.com/t/ZT823M3>

Major Program: **New Facilities**Project Title: **Whoop Up Drive Cycle Escalator**Dept - Project #: **402**Start Year: **2018**End Year: **2019**Capital Improvement Program
2018 to 2027**Description & Location**

There are potentially 2 phases to this project:

1) Undertake a feasibility study (\$250,000) to provide an initial cost estimate and evaluate the feasibility of providing a cycle escalator on both sides of the Old Man River crossing at this location, followed by;

2) Detailed design, tender and construction of two sections of Cyclo-Cable, or equivalent. One section for each side of the river may be recommended, at an approximate cost of \$3,100,000. The maximum theoretical length of Cyclo-Cable is 500 m per section.

Purpose & Justification

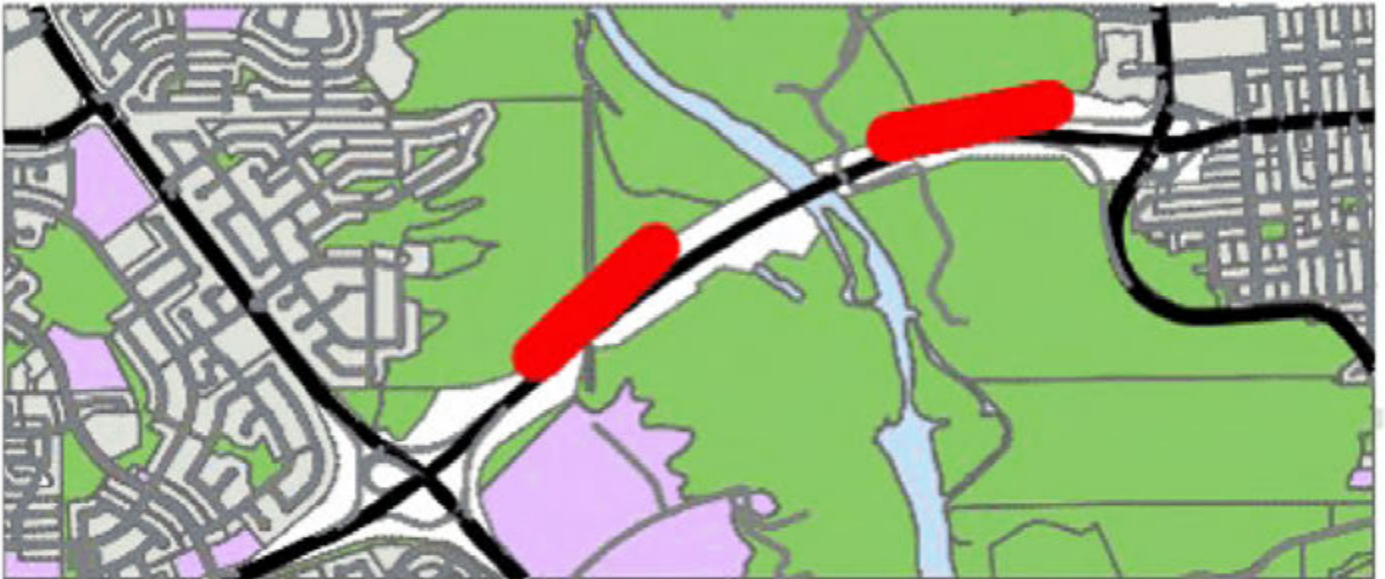
This project would create easier crossing opportunities for cyclists going across the Old Man River via the Whoop Up Drive pathway. Reducing obstacles that cyclists face when crossing the river valley promotes cycling as a transportation mode. The existing Whoop Up Drive roadway is between 6-7% grade. The pathway is approximately the same grade, however there are some short stretches as steep as 9% on both the east and west sides of the river.

Presently this is the only pathway to cross the Old Man River between east and west Lethbridge.

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			3,100									3,100
Consultive Services		250										250
		250	3,100									3,350
Total Costs		250	3,100									3,350
Funding												
Undetermined Funding		250	3,100									3,350
		250	3,100									3,350
Total Funding		250	3,100									3,350
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	150	155	159	164	169	174	179	184	

Comments





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Downtown Gateways**

Dept - Project #: **375**

Start Year: **2018**

End Year: **2022**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Gateways are signal points of entry into the downtown. Gateways help to enhance orientation, lends to a "sense of place" and can generate civic pride. Below are the Gateways' design and installation objectives:</p> <ol style="list-style-type: none"> 1. Confirm four sites and associated design concepts based on the urban design principles, public realm objectives and siting criteria indicated in the Heart of Our City Master Plan, the Downtown Area Redevelopment Plan and the Public Art Master Plan. 2. Create discernible sites through roadway plans, public easements, utility lots or other appropriate legal instruments that will ensure public ownership and control of the sites. 3. Confirm specific designs, create construction drawings and initiate public art acquisition process. 4. Initiate/coordinate infrastructure installation and other site improvements in conjunction with approved public art projects and wayfinding objectives. 	<p>The ICSP/MDP, Heart of Our City Master Plan and the Downtown Area Redevelopment plan all recognize the importance of a vibrant, attractive and inclusive Downtown as a vital component of the community. The Heart of Our City Committee recommends CIP investments that focus on improvements of the public realm that contribute to an environment for people to live, do business and recreate.</p> <p>This project will introduce an integrated way-finding strategy that will contribute to a distinct Downtown identity. It will provide a unified approach to entranceway design and address an array of public realm objectives identified in the ICSP/MDP, the Heart of Our City Master Plan the Public Art Master Plan.</p> <p>The project would be staged to allow gateway sites to be identified, secured and developed. Both common and unique gateway elements would be identified for each site. The project could be undertaken as one comprehensive project or four smaller, individual projects.</p>

All amounts below are in thousands of dollars

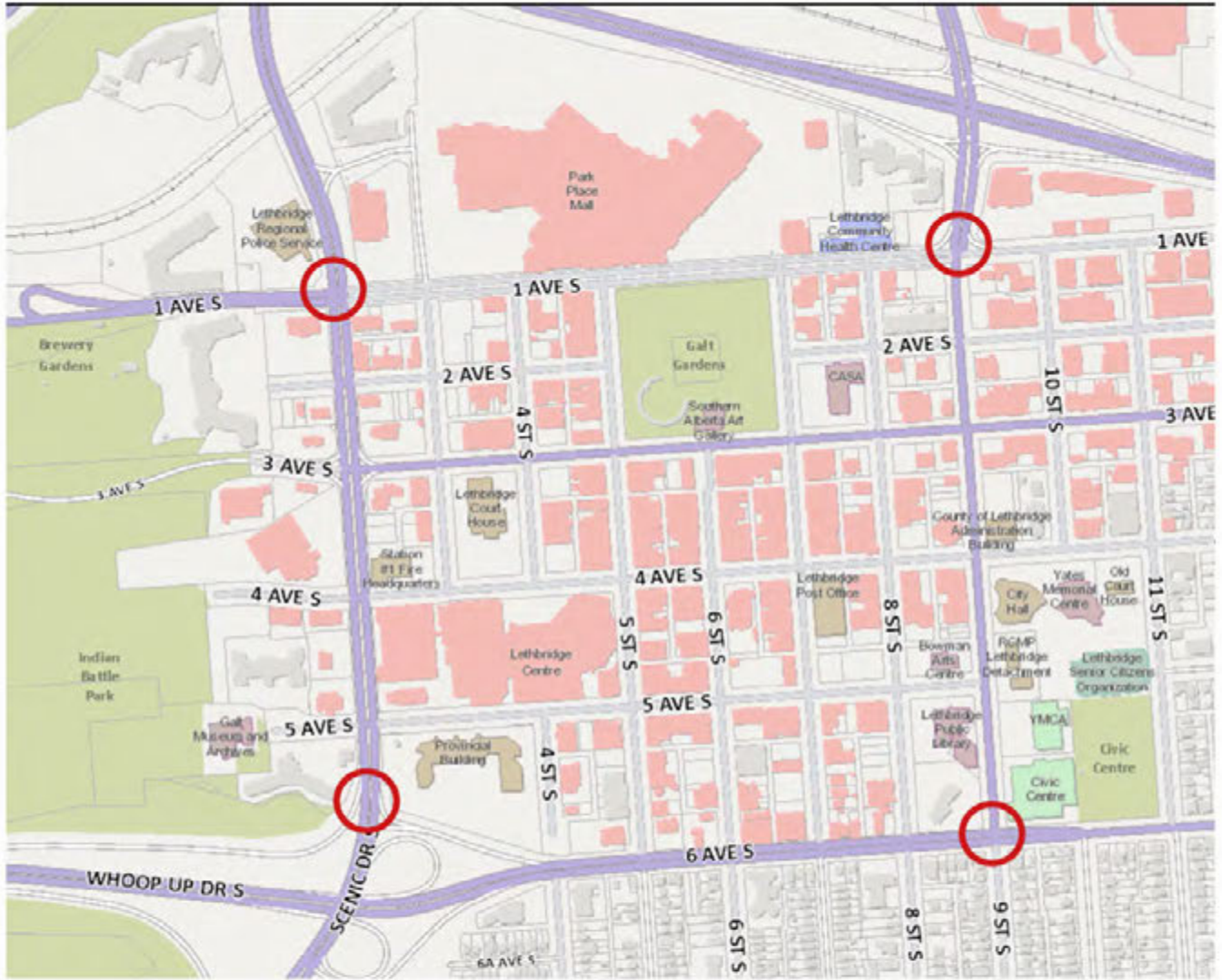
	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			225	225	225	225						900
Consultive Services		100										100
Equip. & Furnishings			75	75	75	75						300
		100	300	300	300	300						1,300
Total Costs		100	300	300	300	300						1,300
Funding												
Undetermined Funding		100	300	300	300	300						1,300
		100	300	300	300	300						1,300
Total Funding		100	300	300	300	300						1,300

Estimated Debt Charges

Projected Net Operating Costs

<u>Comments</u>

Potential Downtown Gateway Locations





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Community Entrance Gateways**

Dept - Project #: **401**

Start Year: **2019**

End Year: **2021**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>The initial phase of this project is to conduct a preliminary design to be used for major entrances to the city. Provincial approvals and initial cost estimates for the preliminary/concept designs would be obtained before further design and implementation. Once approved, several of these corridors could be detail designed, tendered and constructed as a Gateway Feature, serving as both visually pleasing aesthetic features as well as having a traffic calming benefit.</p> <p>This project would include at least two entrances and up to a maximum of five entrances. However, the total number of entrance treatments to be completed would be determined upon completion of the preliminary design.</p> <p>Hwy 3 at 43 Street would be a top candidate for this project since it is on the Trade Corridor Hwy and is the primary entrance to the city from the east. This intersection was identified in 2012 as one of the highest incident/accident locations in the city, second only to Mayor Magrath Drive and Scenic Drive. The safety study for this intersection (Hwy 3 at 43 Street) identifies excessive traffic speeds and high volume of left turns has contributed to this higher rate of incidents/accidents. The project may be completed in conjunction with some other geometric improvements being considered by the Province and the City. One of the clear recommendations from the In Service Safety review is to create a "speed zone transition" or gateway feature to slow traffic entering the city from the east.</p>	<p>The City has five major entrances, all located on a primary highway (Hwy 3 east, Hwy 3 west, Hwy 4, Hwy 5 and Hwy 25/University Drive) with no announcement other than a "Welcome to Lethbridge" sign placed in the boulevard in the City/Province right-of-way (ROW).</p> <p>The intent of this project is to create a "Gateway Feature" at major entrances to the city that will not only beautify the entrance for people visiting our great city, but will also reduce the traffic speeds between 20 to 40 km/hr from the primary highway into the city's main roadways. The speed reduction and extra attention to identify an urban center is proven to reduce vehicle incidents/collisions and improve pedestrian and cyclist safety.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction				730	930							1,660
Consultive Services			240									240
			240	730	930							1,900
Total Costs			240	730	930							1,900
Funding												
Undetermined Funding			240	730	930							1,900
			240	730	930							1,900
Total Funding			240	730	930							1,900
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	20	21	21	22	23	23	

Comments



Major Program: **New Facilities**Project Title: **5th Street South (1st to 6th Avenue) Reconstruction**Dept - Project #: **376**Start Year: **2021**End Year: **2022**Capital Improvement Program
2018 to 2027

Description & Location	Purpose & Justification
<p>This project consists of several inter-related phases:</p> <ol style="list-style-type: none"> 1. Preliminary design to establish approximate cost estimates, design details and construction methods. 2. Detailed design (from 1st Avenue South to 6th Avenue South) to tender ready stage. This will include construction staging plans, stakeholder engagement and detailed designs such that a good pre-tender estimate is available. 3. Underground renewals of deep services (water, sanitary and storm sewer services) is required since they are reaching the end of their useful life. Most of these services are close to 100 years old. Design of the underground is included in the scope of the project. 4. Reallocating the amount of space in the right-of-way to encourage pedestrian, cycling and transit usage. The four lane roadway would be converted to three lanes, two in each direction and one for alternating left turns (such as on Stafford Drive). Sidewalk space would be increased to accommodate a dedicated path/route for cycling, more social use of the space, such as sidewalk patios and more landscaping and street furniture. Transit stops would be developed/enhanced to encourage transit use and ridership. 	<p>Long range downtown and city planning indicates that a change is needed to encourage a more pedestrian friendly public realm including alternate transportation modes, walking, cycling and higher use of transit.</p> <p>5th Street South is the second of three such streets identified in the Public Realm and Transportation Study and the Downtown Area Redevelopment Plan that would benefit from a rejuvenation project. The 5th Street rejuvenation project will assist in the transition of the existing street to become a more successful commercial corridor by creating lively and vibrant urban spaces while increasing mode share of pedestrians, cyclists and transit users. In addition, calming traffic measures will be introduced to slow down traffic and improving safety.</p> <p>Concept designs for 5th Street South were created in the Public Realm and Transportation Study and reaffirmed by City Council in the Downtown Area Redevelopment Plan Bylaw #5807.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						11,200						11,200
Consultive Services					900							900
Other						500						500
					900	11,700						12,600
Total Costs					900	11,700						12,600
Funding												
Undetermined Funding					900	9,700						10,600
Wastewater Capital						1,000						1,000
Water Capital						1,000						1,000
					900	11,700						12,600
Total Funding					900	11,700						12,600
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	40	41	42	44	45	

Comments

Figure 5.1.1 – 5th Street South Concept Plans (B)

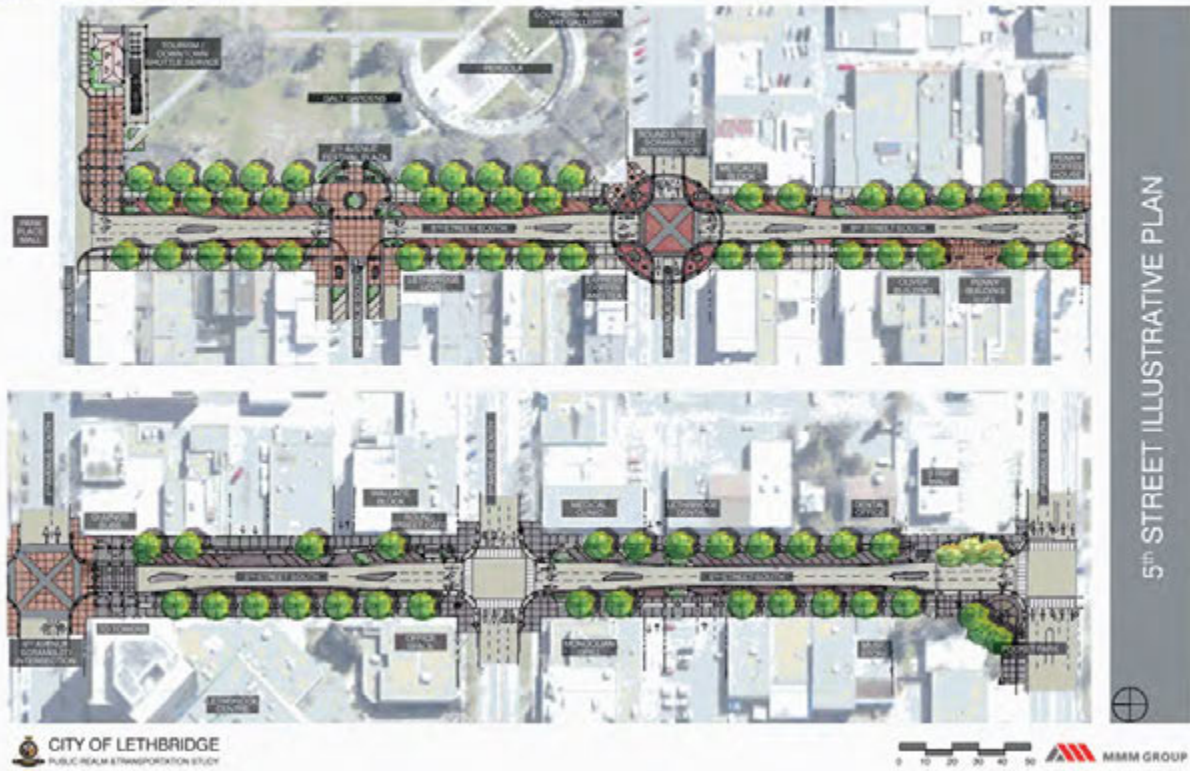
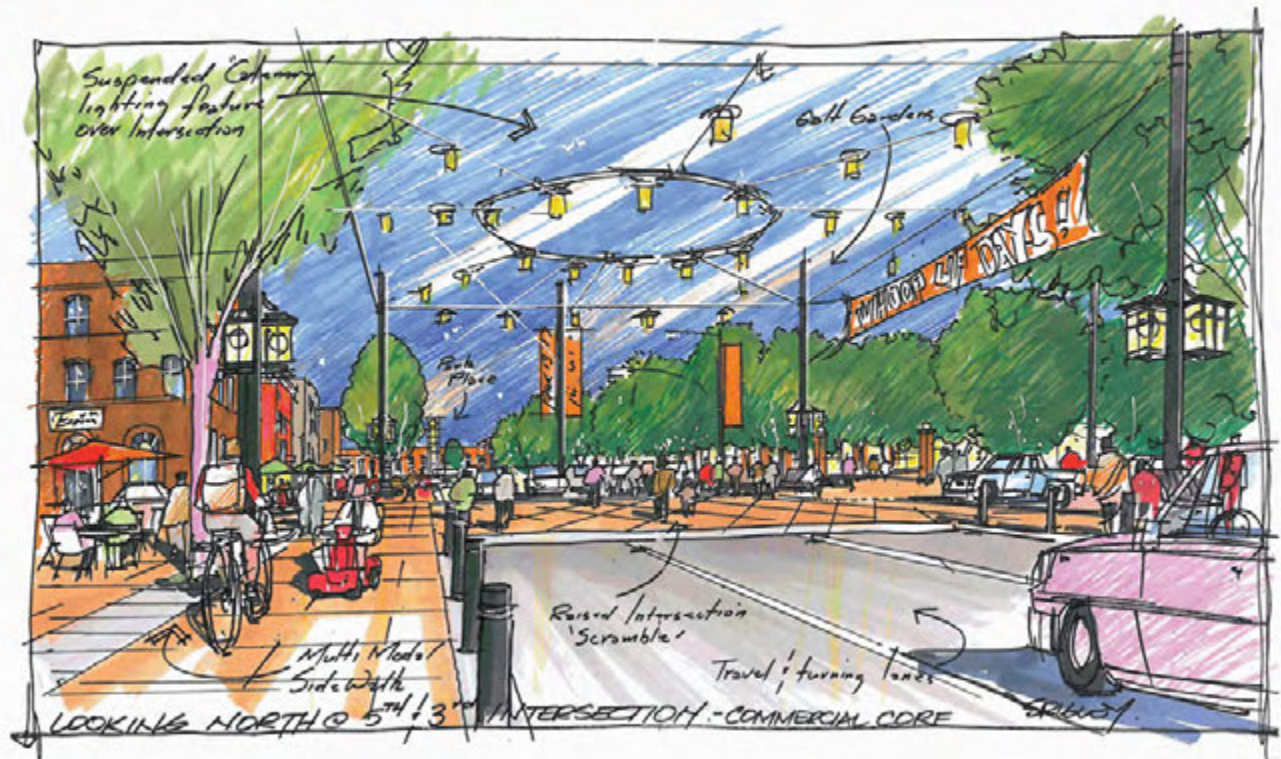


Figure 5.4.6 – 5 Street S and 3 Avenue S Intersection – Commercial Core





Capital Improvement Program
2018 to 2027

Major Program: **New Facilities**

Project Title: **Multi-Purpose All Weather Fields**

Dept - Project #: **395**

Start Year: **2022**

End Year: **2022**

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>Construction of two all weather turf fields at the North Sportspark facility to accommodate soccer, football and rugby. The fields will replace the existing rugby fields on the site.</p> <p>All weather fields are comprised of the following components:</p> <ul style="list-style-type: none"> Artificial turf to simulate a grass surface. Artificial turf has been manufactured since the early 1960s and since then the product has been improved through new designs and better materials. Turf systems can be either filled or unfilled. Filled cushioning systems are made from rubber compounds, such as old rubber tires, or from polyester foam. A base layer underneath the turf comprised of drainage materials, irrigation piping and resilient padding. <p>Maintenance may require removing and replacing the fill. All-weather fields need to be watered to reduce heat absorption by the fill used to maintain turf loft.</p>	<p>As identified in the Recreation and Culture 2013 Master Plan, "key considerations for field development include providing multi-field tournament sites such as; North Lethbridge Sports Park or new fields in west Lethbridge, away from residential areas where complimentary amenities such as parking, concession and washroom facilities are feasible. The future development of an additional high quality field, potentially artificial turf, is also a consideration."</p> <p>The upgrade from natural to artificial turf extends the playing seasons to almost a year round opportunity, only on severe weather days would there be no opportunity to play. The artificial turf also provides improved opportunities for tournament play, particularly for higher levels of competition.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction						5,000						5,000
						5,000						5,000
Total Costs						5,000						5,000
Funding												
Undetermined Funding						5,000						5,000
						5,000						5,000
Total Funding						5,000						5,000
Estimated Debt Charges		0	0	0	0	0	0	0	0	0	0	0
Projected Net Operating Costs		0	0	0	0	0	146	147	147	147	147	147

Comments



Major Program: **Planning**Project Title: **People Places Community Plan**Dept - Project #: **379**Start Year: **2019**End Year: **2020**Capital Improvement Program
2018 to 2027

<u>Description & Location</u>	<u>Purpose & Justification</u>
<p>This project will produce an inventory, condition and gap analysis of public places that ensures there are appropriate places to engage, bump into, and connect in community and neighbourhoods. A final report will include an implementation strategy with time lines, budgets and recommendations.</p> <p>This project would contain two primary functions, with the following steps:</p> <p>PEOPLE PLACES PLAN (\$350,000)</p> <ol style="list-style-type: none"> 1. Develop project work plan; 2. Create Background report review (baseline analysis); 3. Research Leading practices review; 4. Develop Engagement strategy; 5. Develop the vision and guiding principles; 6. Create typologies and mapping for People Places; and 7. Implementation: key actions and recommended priorities. <p>NEIGHBOURHOOD SPACES (DEMONSTRATION PROJECTS) (\$150,000)</p> <ol style="list-style-type: none"> 1. Continued engagement with Neighbourhood Associations/Groups; 2. Identify specific demonstration projects from a neighbourhood needs assessment; 3. Align projects with vision and goals of People Places Plan; 3. Implement demonstration projects; and 4. Evaluate projects in alignment with People Places Plan. 	<p>The City is currently working on an initiative to ensure Municipal Compliance with the SSRP for 2019. A new Growth Strategy (2013) and Intermunicipal Development Plan (2016) were first steps in that compliance initiative. The preparation of a new Municipal Development Plan (MDP) is currently being completed to ensure regional and municipal objectives are in alignment. At the same time the Parks Master Plan (2007) and Recreation and Culture Master Plan (2013) have become dated as many of the recommendations of these Master Plans have been actioned. On July 6, 2015, City Council resolved that Community and Social Development recommendations to "building welcoming and inclusive neighbourhoods and community spaces" be referred to the City Manager for consideration during the Capital Improvement Program Budget 2018-2027.</p> <p>In order to support the SSRP and MDP and create alignment between higher order policy plans and the current and future needs of the community this People Places Plan will be a collaborative effort of Planning and Development Services, Community Services and Infrastructure Services. The plan will create an inventory of Parks, Recreation Facilities, Cultural Places, open spaces and other public realm spaces, evaluate their form, function, usage and identify any gaps that may exist in the urban fabric. Using the principles and practices of "Place Making", strategies will be produced to address functional deficiencies, gaps and projected future needs. "Place Making" is a multi-faceted approach to the planning, design and management of public spaces.</p> <p>Recent development in neighbourhood informed projects for community gathering spaces include community gardens, community notice boards and little libraries. In an effort to sustain momentum with the developing movement of building connected neighbourhoods using place-based strategies, and to further engage our neighbourhoods in this process, smaller demonstration projects are sought to fill this need.</p>

All amounts below are in thousands of dollars

	Prior	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	Total
Costs - Shareable												
Construction			50	130								180
Consultive Services			320									320
			370	130								500
Total Costs			370	130								500
Funding												
Undetermined Funding			370	130								500
			370	130								500
Total Funding			370	130								500

Estimated Debt Charges

Projected Net Operating Costs

Comments



Little Libraries



Community Gardens

