

# CAPITAL PROFILE REPORT

PROFILE NAME: **JASPER AVENUE NEW VISION PHASE 2**  
 PROFILE NUMBER: **17-74-4103**  
 DEPARTMENT: **Integrated Infrastructure Services**  
 LEAD BRANCH: **Infrastructure Planning & Design**  
 PROGRAM NAME:  
 PARTNER: **Economic & Environmental Sustainability**  
 BUDGET CYCLE: **2015-2018**

**FUNDED**

PROFILE STAGE:	Approved
PROFILE TYPE:	Standalone
LEAD MANAGER:	Jorge Castellanos
PARTNER MANAGER:	Paul Ross
ESTIMATED START:	January, 2017
ESTIMATED COMPLETION:	December, 2023

Service Category:	Major Initiative:
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<b>GROWTH</b>	<b>RENEWAL</b>
91	9

PREVIOUSLY APPROVED:	31,125
BUDGET REQUEST:	-
TOTAL PROFILE BUDGET:	31,125

## PROFILE DESCRIPTION

This profile begins implementation of the next phase of the Jasper Avenue New Vision Project. The project will feature streetscape improvements to Jasper Ave including wider sidewalks, quality materials, attractive street furnishings and lighting, trees and public art. In addition, repairs are required to the roof slab of the Shaw Conference Centre located under Jasper Ave, as well as to the Frank Oliver Tunnel which is underneath the sidewalk at 100 St. This profile includes concept design for the streetscape from 92 St to 109 St, preliminary and detailed engineering from 96 St to 100 St, and structural engineering of repairs to the Shaw Centre and Frank Oliver Tunnel. Funding for this project will be transferred from existing approved Capital Profiles. There is funding within existing approved Capital Profiles to construct the streetscape, but new funding for the underground infrastructure will be requested as part of the 2019-2022 Capital Budget. Construction will begin in 2019.

## PROFILE BACKGROUND

The streetscape of Jasper Avenue, which was constructed in the 1980s, is dilapidated and in need of improvement. The current cross-section favours a wide roadway, which does not reflect Council's vision of Downtown as pedestrian-friendly and vibrant. The Jasper Avenue New Vision project is listed in the Downtown CRL Plan as a Catalyst Project. Streetscape improvements to Jasper Avenue east of 97 Street are included in the Quarters Urban Design Plan and the Quarters Downtown CRL Plan.

The initial phase of construction between 100 and 102 Streets has created an attractive corridor that prioritizes pedestrians and transit use. Since the improvements began, several properties facing the Avenue have made major investments in their properties that have brought new vibrancy and activity to the area.

Structural Assessments of infrastructure located under Jasper Avenue were completed in 2016. These assessments identified significant structural repairs that will be required to the roof slab above the Shaw Conference Centre, which is located under Jasper Avenue. The urgency associated with these repairs makes the 96 Street to 100 Street section the next logical priority for completion.

## PROFILE JUSTIFICATION

This project is a Catalyst Project in the Downtown and Quarters CRL Plans as approved by Council and the Province. It will enhance Jasper Avenue's role as Edmonton's Main Street - an attractive, pedestrian-oriented, and vibrant corridor through the heart of the City.

This project is expected to spark investment and improve street-level vibrancy and attractiveness. The design will promote pedestrian activity and transit use, supporting Council's strategic goals. It will also improve pedestrian access to the Quarters and the recently completed Armature streetscape on 96 St.

Repairs to the Shaw Centre roof will require removal of the roadway in 2019 - this project will integrate facility and streetscape work to achieve efficiencies and minimize disruption.

Repairs are also required to the Frank Oliver Tunnel. The concept planning phase will assess the value of this Pedway to pedestrian circulation and evaluate potential rehabilitation strategies, including its potential closure.

## STRATEGIC ALIGNMENT

This project contributes to The Way Ahead's goal of Transforming Edmonton's Urban Form, The Way We Grow, The Way We Move, and The Way We Live, as well as the Capital City Downtown Plan, Quarters Urban Design Plan, and Quarters and Downtown CRL Plans.

## ALTERNATIVES CONSIDERED

Administration considered three potential segments of Jasper Avenue for the next phase of work: 96 Street to 100 Street above the Shaw Conference Centre, 102 Street to 105 Street above Bay/Enterprise Square LRT Station, and 105 Street to 109 Street above Corona LRT Station.

The 96 Street to 100 Street segment was selected based on the urgency of the structural repairs that are required at the Shaw Conference Centre. The other pieces of underground infrastructure are in better condition and do not have the same level of urgency associated with them.

## **COST BENEFITS**

- Higher quality public realm for Edmonton's Main Street
- Greater pedestrian safety
- Improved Universal Accessibility
- Extend structural life of Shaw Centre
- Attract private sector investment
- Improve connections between major destinations: Shaw Conference Centre, Canada Place, The Quarters, and several Downtown hotels
- Enhanced viability of street-level retail/patios
- Increased property values
- Increased tree canopy
- Enhanced Civic Pride

## **KEY RISKS & MITIGATING STRATEGY**

Risks associated with this project include discovery of additional deterioration to the Shaw Centre, coordination with utility agencies, and potential short-term disruption to traffic and local businesses. Mitigation strategies include ensuring adequate contingencies in project budgets, early involvement of utility agencies in the design process, development of a proactive communication plan, and incorporating 'lessons learned' from the first phase of the Jasper Avenue New Vision project.

## **RESOURCES**

Project Management will be provided by Integrated Infrastructure Services. External consultants will be retained to provide design, engineering, and other services as appropriate.

## **CONCLUSIONS AND RECOMMENDATIONS**

Recommend proceeding with Concept Design for Jasper Avenue (92 to 109 Street), Preliminary and Detailed Engineering for roadway and streetscape (96 Street to 100 Street), Structural Design and Engineering for rehabilitation of the Shaw Conference Centre roof slab and Frank Oliver Tunnel.

## **CHANGES TO APPROVED PROFILE**

2019 Fall SCBA (3.2.6A): Additional funds required to cover Phase 2 of the Jasper Avenue New Vision Project, including streetscape and roadway reconstruction of Jasper Avenue from 97 Street to 100 Street. Note that this work is tied to the Edmonton Convention Centre structure renewal, but is separately funded. Funds to come from UFCSD Profile 15-74-4103. Revised completion date is Dec 2023. Related to UFCSD change request SCBA-C-2019-00132.

2019 Fall SCBA (3.2.6C): Additional funds required to cover Phase 2 of the Jasper Avenue New Vision Project, including streetscape and roadway reconstruction of Jasper Avenue from 97 Street to 100 Street. Note that this work is tied to the Edmonton Convention Centre structure renewal, but is separately funded. Funds to come from UFCSD Profile CM-74-4100. Revised completion date is Dec 2023. Related to UFCSD change request SCBA-C-2019-00133.

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PROFILE NAME: **Jasper Avenue New Vision Phase 2**  
 PROFILE NUMBER: **17-74-4103**  
 BRANCH: **Infrastructure Planning & Design**

**FUNDED**  
 PROFILE TYPE: **Standalone**

## CAPITAL BUDGET AND FUNDING SOURCES (000's)

	Prior Years	2019	2020	2021	2022	2023	2024	2025	2026	2027	Beyond 2027	Total	
APPROVED BUDGET	Approved Budget												
	Original Budget Approved	-	-	-	-	-	-	-	-	-	-	-	
	2017 Cap Council	3,400	-	-	-	-	-	-	-	-	-	3,400	
	2017 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-	
	2018 Cap Carry Forward	-970	970	-	-	-	-	-	-	-	-	-	
	2019 Cap Council	-	-	12,223	12,223	3,013	265	-	-	-	-	27,725	
	Current Approved Budget	2,430	970	12,223	12,223	3,013	265	-	-	-	-	31,125	
	Approved Funding Sources												
	Debt CRL Downtown	1,744	931	12,223	12,223	3,013	265	-	-	-	-	-	30,400
	Debt CRL Quarters	687	38	-	-	-	-	-	-	-	-	-	725
Current Approved Funding Sources	2,430	970	12,223	12,223	3,013	265	-	-	-	-	31,125		

BUDGET REQUEST	Prior Years	2019	2020	2021	2022	2023	2024	2025	2026	2027	Beyond 2027	Total
Budget Request	-	-	-	-	-	-	-	-	-	-	-	-

REVISED BUDGET (IF APPROVED)	Prior Years	2019	2020	2021	2022	2023	2024	2025	2026	2027	Beyond 2027	Total
Revised Budget (if Approved)	2,430	970	12,223	12,223	3,013	265	-	-	-	-	-	31,125
Requested Funding Source												
Debt CRL Downtown	1,744	931	12,223	12,223	3,013	265	-	-	-	-	-	30,400
Debt CRL Quarters	687	38	-	-	-	-	-	-	-	-	-	725
Requested Funding Source	2,430	970	12,223	12,223	3,013	265	-	-	-	-	-	31,125

## CAPITAL BUDGET BY ACTIVITY TYPE (000's)

REVISED BUDGET (IF APPROVED)	Activity Type	Prior Years	2019	2020	2021	2022	2023	2024	2025	2026	2027	Beyond 2027	Total
	Construction	-970	970	12,223	12,223	3,013	265	-	-	-	-	-	27,725
	Design	3,400	-	-	-	-	-	-	-	-	-	-	3,400
	Total	2,430	970	12,223	12,223	3,013	265	-	-	-	-	-	31,125

## OPERATING IMPACT OF CAPITAL

Type of Impact:

Branch:																
	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE	Rev	Exp	Net	FTE
Total Operating Impact	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-