

CAPITAL PROFILE REPORT

PROFILE NAME: NLRT (DOWNTOWN TO NAIT)	FUNDED
PROFILE NUMBER: 08-66-1672	PROFILE STAGE: Approved
DEPARTMENT: Integrated Infrastructure Services	PROFILE TYPE: Standalone
LEAD BRANCH: LRT Expansion & Renewal	LEAD MANAGER: Bruce Ferguson
PROGRAM NAME:	PARTNER MANAGER: Carrie Hotton-MacDonald
PARTNER: Edmonton Transit Service	ESTIMATED START: January, 2008
BUDGET CYCLE: 2008	ESTIMATED COMPLETION: December, 2020

Service Category: Public Transit	Major Initiative:
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GROWTH	RENEWAL	PREVIOUSLY APPROVED:	700,339
100		BUDGET REQUEST:	-
		TOTAL PROFILE BUDGET:	700,339

PROFILE DESCRIPTION

This project provides funding for detailed design, land acquisition, and construction of the North LRT extension from Churchill Station to NAIT. Included in this project is the purchase of 20 light rail vehicles, construction of the cut and cover concrete tunnel under the Qualico Development and tunnel to connect to Churchill Station, 3 LRT Stations (MacEwan, Kingsway/Royal Alex, NAIT), one bus transit centre (Kingsway), all track, communications systems, train control signal system, traction power system, land and related road work and utility relocations.

The construction schedule is as follows:

- 2009 Preliminary and detailed design, commence land acquisition, utility relocations, commence tunnelling from Churchill to MacEwan, order LRVs
- 2010 Detailed design, tunnelling from Churchill to MacEwan, complete land acquisition
- 2011 Tunnelling from Churchill to MacEwan, commence construction from MacEwan to NAIT
- 2012 Complete tunneling from Churchill to MacEwan, continue construction from MacEwan to NAIT
- 2013 Complete construction, delivery of LRV's, commissioning
- 2014 Open for service

The LRT line is expected to be operational for a 75-100 year period. Various equipment, structures, and assets in facilities and along the right of way will have design life ranging from 10 to 50 years. Design life for the light rail vehicles is 35 years.

Funding for Concept Planning and Preliminary Engineering is in Transportation Department Program 05-66-1665. Funding for limited opportunity land purchases is also in program 05-66-1665.

Subject to receiving Green Trip funds, which requires that the City funds 1/3 of the Project.

An additional 10 LRVs were added to the project 2012 Spring SBA:

#34: Recognize the availability of rental revenue as a source of financing in 2011 totalling \$74K.

Spring SBA: #11-34 Recognize the use of Rental Revenue in 2010.

Fall SBA: #11-88: Cashflow \$25,000k due to a slower than anticipated construction startup, which was related to contractor staffing issues.

PROFILE JUSTIFICATION

Extending the LRT to NAIT meets the objectives of the Transportation Master Plan and the approved LRT NAIT alignment bylaw approved by Council.

The project supports Council's goal of Shifting Edmonton's Transportation Mode with increasing the use of Transit by the citizens.

CHANGES TO APPROVED PROFILE

2015 Spring SCBA (CA#20): (2.5.14) To recognize Developer Funding received.

2016 Spring SCBA (#16-20-2.5): To Add budget for additional Developer funds received.

2016 Spring SCBA (#16-20-2.6): Transfer of funding is required for Arena / LRT Interface works for landscaping and 105 Avenue roadway development.

2016 Fall SCBA (AA#41): (CM.7) Budget was moved in the Spring SCBA to support work around the LRT in the area of 104 - 105 Avenue. These additional funds are no longer required.

Spring SCBA 2018: (2.4-23) To recognize Developer Funding \$28,162 Received in 2017

July 10, 2018 Council Meeting (#18-09): Budget adjustment to increase funding by \$34.5 million, provided by tax-supported debt to pursue the recommended approach outlined in July 10, 2018 – Integrated Infrastructure Services CR_6157. The \$34.5 million will bring the total budget for capital profile 08-66-1672 to \$700.4 million.

2021 Fall SCBA (#21-30, 3.5-1): This funding source adjustment is required in order to fully utilize Green-trip funding allocated to the City of Edmonton. Green-trip funding of \$31,024,958 is being transferred from the "08-66-1672 - NLRT (Downtown to NAIT)" capital profile to stand-alone capital profiles "19-10-1011 - Stadium LRT Station Upgrade" and "CM-66-3600 - Bus Fleet & Equipment Rehab & Replacement". In exchange, these two standalone profiles are transferring back Federal Gas Tax funding and Tax-supported debt to the NLRT (Downtown to NAIT) capital profile. There is \$0 net impact to all three capital profiles involved in this funding source adjustment.

2021 Fall SCBA (#21-30, 3.5-2): This funding source adjustment is required to decrease the Green-trip funding and increase the LRT Reserve funding by \$244,383 in the "08-66-1672 - NLRT (Downtown to NAIT)" capital profile. This adjustment is required to match the province's records of the Green-trip grant amount for the profile.

2022 Spring SCBA (#22-10, 3.3-5): This recosting adjustment is required due to supply chain issues (availability and pricing), unforeseen site conditions, additional design changes required to satisfy code and project outcomes, impacts due to extreme weather, and additional COVID-19 related impacts. The total cost increase is \$5,054,000, and will be funded with a transfer from existing capital profile "08-66-1672 - Metro Line LRT (Downtown to NAIT)".

CAPITAL PROFILE REPORT

PROFILE NAME: **NLRT (Downtown to NAIT)**
 PROFILE NUMBER: **08-66-1672**
 BRANCH: **LRT Expansion & Renewal**

FUNDED
 PROFILE TYPE: **Standalone**

CAPITAL BUDGET AND FUNDING SOURCES (000's)

	Prior Years	2022	2023	2024	2025	2026	2027	2028	2029	2030	Beyond 2030	Total
APPROVED BUDGET	Approved Budget											
	Original Budget Approved	927,970	-	-	-	-	-	-	-	-	-	927,970
	2008 CBS Budget Adjustment	2,987	-	-	-	-	-	-	-	-	-	2,987
	2009 CBS Budget Adjustment	-4,027	-	-	-	-	-	-	-	-	-	-4,027
	2010 CBS Budget Adjustment	-105,609	-	-	-	-	-	-	-	-	-	-105,609
	2011 CBS Budget Adjustment	-49,130	-	-	-	-	-	-	-	-	-	-49,130
	2012 CBS Budget Adjustment	-106,797	-	-	-	-	-	-	-	-	-	-106,797
	2013 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2013 CBS Budget Adjustment	89,568	-	-	-	-	-	-	-	-	-	89,568
	2014 Cap Capital Budget Adj (one-off)	-89,634	-	-	-	-	-	-	-	-	-	-89,634
	2014 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2014 SCBA >\$1MM or New	-53	-	-	-	-	-	-	-	-	-	-53
	2014 SCBA Within Dept <\$250K	53	-	-	-	-	-	-	-	-	-	53
	2015 Cap Council	517	-	-	-	-	-	-	-	-	-	517
	2015 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2016 Cap Administrative	-605	-	-	-	-	-	-	-	-	-	-605
	2016 Cap Council	626	-	-	-	-	-	-	-	-	-	626
	2016 Cap Capital Budget Adj (one-off)	-	-	-	-	-	-	-	-	-	-	-
	2016 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2017 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2018 Cap Council	28	-	-	-	-	-	-	-	-	-	28
	2018 Cap Capital Budget Adj (one-off)	34,500	-	-	-	-	-	-	-	-	-	34,500
	2018 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2019 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2020 Cap Capital Budget Adj (one-off)	5,000	-	-	-	-	-	-	-	-	-	5,000
	2020 Cap Carry Forward	-	-	-	-	-	-	-	-	-	-	-
	2021 Cap Council	-	-	-	-	-	-	-	-	-	-	-
	2021 Cap Carry Forward	-15,618	15,618	-	-	-	-	-	-	-	-	-
2022 Cap Council	-	-5,054	-	-	-	-	-	-	-	-	-5,054	
Current Approved Budget	689,775	10,564	-	700,339								
APPROVED BUDGET	Approved Funding Sources											
	Developer Financing	721	-	-	-	-	-	-	-	-	-	721
	Federal Bldg Canada Fund	100,000	-	-	-	-	-	-	-	-	-	100,000
	Federal Gas Tax Fund	4,353	-	-	-	-	-	-	-	-	-	4,353
	Financial Stabilization Resrv.	-	5,000	-	-	-	-	-	-	-	-	5,000
	Green-trip	405,642	-	-	-	-	-	-	-	-	-	405,642
	LRT Reserve	1,051	230	-	-	-	-	-	-	-	-	1,281
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-
	Other	224	-	-	-	-	-	-	-	-	-	224
	Other Reserve	10,000	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	-	-	-	-	-	-	-	-	-	-
	Tax-Supported Debt	167,785	5,333	-	-	-	-	-	-	-	-	173,118
Current Approved Funding Sources	689,775	10,564	-	700,339								
BUDGET REQUEST	Budget Request	-	-	-	-	-	-	-	-	-	-	-
REVISED BUDGET (IF APPROVED)	Revised Budget (if Approved)	689,775	10,564	-	-	-	-	-	-	-	-	700,339
	Requested Funding Source											
	Developer Financing	721	-	-	-	-	-	-	-	-	-	721
	Federal Bldg Canada Fund	100,000	-	-	-	-	-	-	-	-	-	100,000
	Federal Gas Tax Fund	4,353	-	-	-	-	-	-	-	-	-	4,353
	Financial Stabilization Resrv.	-	5,000	-	-	-	-	-	-	-	-	5,000
Green-trip	405,642	-	-	-	-	-	-	-	-	-	405,642	

CAPITAL PROFILE REPORT

REVISED BUDGET (IF APPROVED)	LRT Reserve	1,051	230	-	-	-	-	-	-	-	-	-	-	-	1,281
	Munc Sustain. Initiative - MSI	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Other	224	-	-	-	-	-	-	-	-	-	-	-	-	224
	Other Reserve	10,000	-	-	-	-	-	-	-	-	-	-	-	-	10,000
	Pay-As-You-Go	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Tax-Supported Debt	167,785	5,333	-	-	-	-	-	-	-	-	-	-	-	173,118
Requested Funding Source	689,775	10,564	-	700,339											

CAPITAL BUDGET BY ACTIVITY TYPE (000's)

REVISED BUDGET (IF APPROVED)	Activity Type	Prior Years	2022	2023	2024	2025	2026	2027	2028	2029	2030	Beyond 2030	Total
	Construction	-70,240	10,564	-	-	-	-	-	-	-	-	-	-
Other Costs	760,015	-	-	-	-	-	-	-	-	-	-	-	760,015
Total	689,775	10,564	-	700,339									

OPERATING IMPACT OF CAPITAL

Type of Impact:

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