

Calgary Transportation Overview

June 2009 Alberta REIN™ Presentation



City of Calgary – Transportation Overview

City of Calgary – Transportation Overview

Transportation Department

- Pedestrian
- Cycle
- Transit
- Specialized Services (Access Calgary)
- Automobile
- Parking

City of Calgary – Transportation Overview	
Transportation Department	
Staff	~3,600 Full Time Staff in 5 business units
Operating Budget 2009	\$ 496 Million Gross \$ 279 Million Net
Capital Budget 2009	\$ 698 Million

City of Calgary – Transportation Overview

Calgary's Transportation System

- 4,200 km of roads
- 79,000 streetlights
- 850 traffic signals
- 125,000 traffic signs
- 8,600 CPA parking stalls
- 4,800 km sidewalks
- 800+ buses and shuttles
- 118+ LRVs
- 160 transit routes
- 13,000 Park n Ride stalls
- 4,500 route km



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City of Calgary – Transportation Overview

Create, support, sustain a vibrant city through effective integration of land use and transportation policy

plan|it|calgary

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Sustainability Principles for Land Use and Mobility

1. Create a range of housing opportunities and choices.
2. Create walkable environments.
3. Foster distinctive, attractive communities with a strong sense of place.
4. Provide a variety of transportation choices.
5. Preserve open space, agricultural land, natural beauty and critical environmental areas.
6. Mixed-land uses.



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Sustainability Principles for Land Use and Mobility

7. Strategically direct and manage redevelopment opportunities within existing areas.
8. Support compact development.
9. Connect people, goods and services locally, regionally and globally.
10. Provide transportation services in a safe, effective, affordable and efficient manner that ensures reasonable accessibility to all areas of the city for all citizens.
11. Utilize green infrastructure and buildings.



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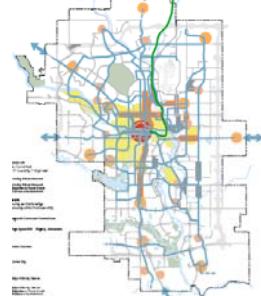


Municipal Development Plan **Calgary Transportation Plan**



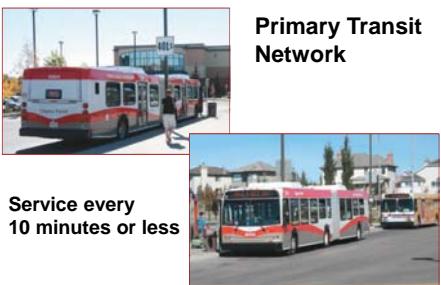
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Land Use and Transit Service Concept Map



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Primary Transit Network

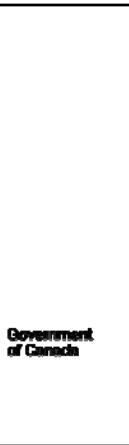


Service every 10 minutes or less



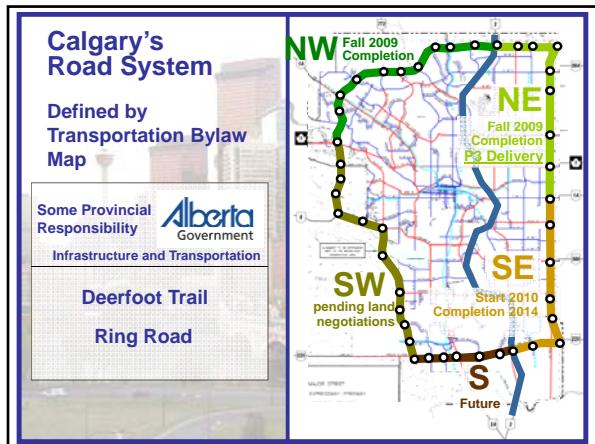
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Transportation Infrastructure Investment



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Transportation Infrastructure Investment Program

- The City's Infrastructure Program
- Ten Year Transportation Capital Program
- Last approved by Council in 2008
- Defines:
 - ✓ Major infrastructure projects
 - ✓ Lifecycle programs

City of Calgary – Transportation Overview

Transportation Infrastructure Investment Program

Guiding Principles of the Plan

Themes from Council Goals / Priorities

- Community Well Being
- Sustainable Environment
- Prosperous Economy
- Smart Growth and Mobility Choices

Transportation Infrastructure Investment Program 2009 - 2018

Program Themes

Pedestrian / Cycle Mobility	Transit Mobility
Goods Movement	Auto Mobility
Lifecycle / Asset Management	

Transportation Infrastructure Investment Program 2009 - 2018

2008 Approved Transportation Infrastructure Brochure (some funding changes have occurred since approval)

http://www.calgary.ca/DocGallery/BU/trans_planning/network_planning/tiip_brochure_aug.pdf

Transportation Infrastructure Investment Program 2009 - 2018

Theme: Pedestrian Mobility

Addressing missing Pedestrian Links

Providing safe, convenient connections

Industrial Sidewalk Program

10 year program

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Transportation Infrastructure Investment Program 2009 - 2018



Theme: Pedestrian Mobility

Commuter Cycle Route Improvement Program

Ten year program

Transportation Infrastructure Investment Program 2009 - 2018

- Building missing sidewalks, walkways or pathways;
- Improve sidewalks /improved road crossings
- Improved signals
- Pathways – new, missing links, twinning
- Improved intersections / crossings at signals
- Amenities

Theme: Pedestrian Mobility

Pedestrian / Cycle Improvement Program

Ten year program

Transportation Infrastructure Investment Program 2009 - 2018

Additional Funding for pedestrian overpasses at:

- Downtown River Crossing
- Metis Tr / 64 Ave NE
- McKnight Blvd/44 St NE
- Stoney Tr/Arbour Stone Rise NW
- Bedington Tr/ Sanderling Dr NW

Plus \$ 5 M / yr for POPS

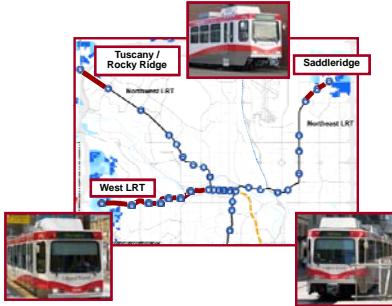


Theme: Pedestrian Mobility

Pedestrian Overpass Funding

10 year program

Transportation Infrastructure Investment Program 2009 - 2018



Theme: Transit Mobility

LRT EXPANSION

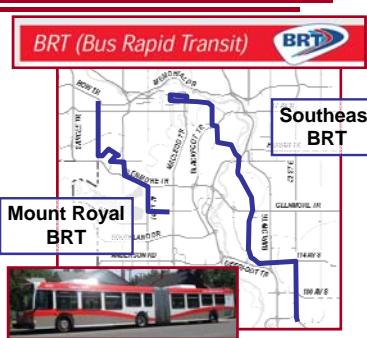
West LRT

NW Extension

NE Extension

Transportation Infrastructure Investment Program 2009 - 2018

BRT (Bus Rapid Transit)



Theme: Transit Mobility

Bus Rapid Transit

SE BRT 2009 – 2012

Mount Royal BRT 2012

Transportation Infrastructure Investment Program 2009 - 2018



Theme: Transit Mobility

7 Avenue Corridor Enhancement

Target 2009 – 2011

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Transportation Infrastructure Investment Program
2009 - 2018



Theme: Transit Mobility

4 Car Trains and Platforms
201 N
201 S

Target 2010 – 2011

Fish Creek

Hillhurst Sunnyside

Transportation Infrastructure Investment Program
2009 - 2018



Theme: Transit Mobility

Additional LRVs for Growth and Extensions

Transportation Infrastructure Investment Program
2009 - 2018



Theme: Transit Mobility

Additional Buses / Shuttles for Growth and Lifecycle

Average \$40 Myr

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

Glenmore Trail: From Ogden Road to Barlow Tr Interchange at Glenmore Tr / 52 St SE



Glenmore Trail East

Corridor Improvements

Target 2015 +

Transportation Infrastructure Investment Program
2009 - 2018



Theme: Goods Movement/ Auto Mobility

Barlow Trail / 50 Avenue SE

Grade Separation with CN

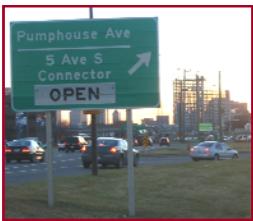
Target 2011

Reduce delays / improve safety at rail crossing

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

Widening and other innovative solutions to optimize operations before building interchanges



Operational Improvement Program

10 year program

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Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

Metis Tr:
80 Ave to 96 Ave NE
96 Ave To Stoney Tr NE
Interchange At 64 Ave

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

96 Ave:
Deerfoot Tr to Harvest Hills Lk NE
Target 2009 – 2011

Improve traffic flow
Support future development

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

Beddington Tr / Country Hills Blvd NE
Complete Interchange
Target 2009 – 2010

Improve traffic flow
Support future development

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Goods Movement/ Auto Mobility

16 Ave / Bowfort Rd NW
Interchange
Target 2012 – 2013

Improve traffic flow
Support future development

Transportation Infrastructure Investment Program
2009 - 2018

- 16 Ave N – 10 St W to 6 St E
- Shaganappi Tr NW – CCH to Edgemont
- Beddington Tr NW – CCH to Stoney Tr
- 52 St SE – Glenmore Tr to 130 Ave

Theme: Goods Movement/ Auto Mobility

Road Widenings

Transportation Infrastructure Investment Program
2009 - 2018

Theme: Strategic Development / Asset Management

4 Street SE Underpass
(40% City Share)
Target 2010 – 2011

A Provides a multi-modal, pedestrian friendly transportation link between the East Village, East Victoria Crossing and Stampede Park

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Transportation Infrastructure Investment Program 2009 - 2018



Theme: Strategic Development / Asset Management

Downtown Parking Structures

Land

Target 2009 - 2010

For land purchase of future CPA Lots in downtown

Transportation Infrastructure Investment Program 2009 - 2018



- High priority for reconstruction:

Centre St N, Elbow Dr, Edmonton Tr

Theme: Strategic Development / Asset Management

Major Road Reconstruction Program

Ten year program

Transportation Infrastructure Investment Program 2009 - 2018



Theme: Strategic Development / Asset Management

Advanced Passenger Information Systems

2009 - 2011

Example: Passenger Information System Brooklyn, NY

Transportation Infrastructure Investment Program 2009 - 2018



Theme: Strategic Development / Asset Management

Fare Collection Systems

2009 - 2011

Transportation Infrastructure Investment Program 2009 - 2018



Theme: Strategic Development / Asset Management

Transit CCTV Camera Replacement

2010 - 2011

Transportation Infrastructure Investment Program 2009 - 2018

Program Themes

Pedestrian Cycle Mobility	Transit Mobility	Goods Movement Auto Mobility	Lifecycle / Asset Management

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