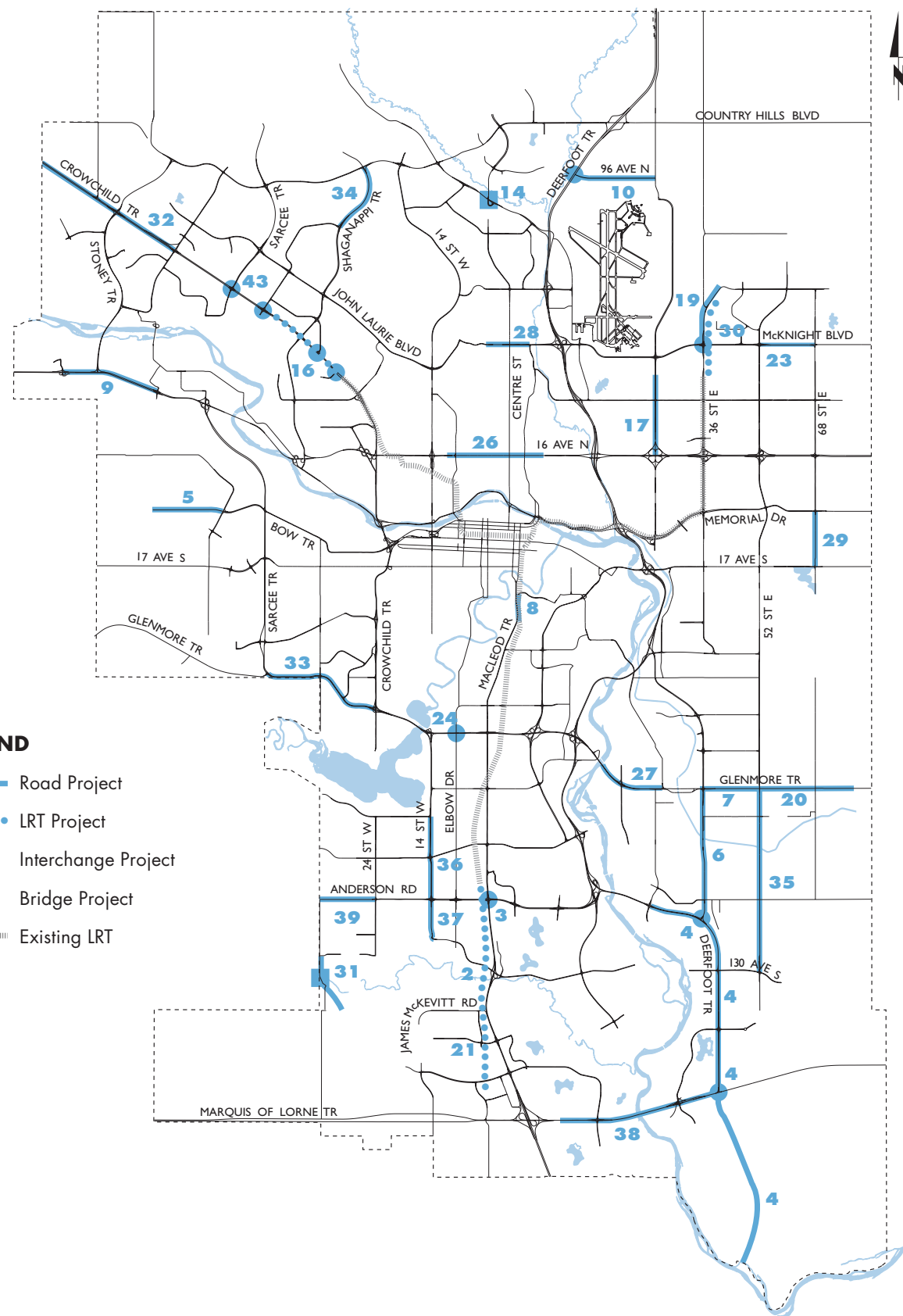




# TRANSPORTATION INFRASTRUCTURE INVESTMENT PLAN



- LEGEND**
- Road Project
  - ⋯ LRT Project
  - Interchange Project
  - Bridge Project
  - Existing LRT

## The Investment Plan

Calgary continues to grow in population and employment. To ensure that the transportation system can accommodate this growth, City Council has approved a comprehensive transportation infrastructure investment plan that will meet the city's needs until the year 2007. The Plan includes upgrading and extensions to the roadway network, expansion of the existing LRT system, purchase of new buses and light rail vehicles, and maintenance of existing infrastructure (i.e. roads, transit, cycling and pedestrian facilities).

The approved transportation infrastructure investment plan reflects the goals of the Calgary Transportation Plan to provide a range of travel choices and is part of a comprehensive approach to transportation planning in Calgary. By combining land use planning initiatives and transportation operations strategies to influence travel patterns, the plan will accommodate the mobility needs of Calgarians in an affordable manner while protecting the quality of our environment.

## Funding Partners

The Transportation Infrastructure Investment Plan is jointly funded by The City of Calgary and a number of other key partners. The Provincial government has committed its significant share by providing ongoing transportation infrastructure funding of 5 cents for each litre of fuel sold in Calgary. In addition, the Urban Development Industry and the Calgary Parking Authority provide funds for the transportation plan. These funding partners are building a comprehensive and efficient transportation network to improve mobility for all Calgarians. This Transportation Infrastructure Investment Plan Update (2000 - 2007) was approved by City Council on 2000 November 22 and will be subject to an annual review by City Council.



## What The City of Calgary Has Done So far

Since the initial approval of the Transportation Infrastructure Investment Plan by City Council in 1999 November, a number of projects have commenced. The interchange at Crowchild Tr and Shaganappi Tr was completed in fall 2000 and the interchange at Anderson Rd and Macleod Tr is under construction with an anticipated completion date in the fall of 2001. The Centre St HOV lane and bus signal priority system was implemented in 2000 September. Widening of Glenmore Tr from Barlow Tr to 52 St E from 2 to 4 lanes is expected to be completed by 2001 October. The extension of the south LRT to 146 Ave S including stations at Canyon Meadows and 146 Ave S is expected to be completed by the fall of 2001. Delivery has begun on the 11 LRV's which were purchased to accommodate ridership growth with all vehicles expected to be delivered by spring 2001. An additional 21 light rail vehicles are being purchased to accommodate growth in the LRT system and 4 vehicles are expected for delivery in 2001 and the remaining 17 vehicles will be delivered by 2003. The existing radio system used by Calgary Transit buses was replaced in 2000. A total of 83 low floor buses and 29 shuttles buses have been ordered for Calgary Transit with completion of delivery anticipated by the end of 2001.

## Provincial Government Funded Projects

The Provincial Government has assumed construction and maintenance responsibilities for Deerfoot Tr through Calgary. Construction of the interchanges along Deerfoot Trail at Marquis of Lorne Trail, Barlow Trail, 96 Avenue North, and Country Hills Boulevard has been started. Completion of all these are expected by the end of 2001. The interchange at McKenzie Lake Blvd is expected to be operational by December 2002. Deerfoot Tr will be widened to 8 lanes from Marquis of Lorne Tr to Barlow Tr by December 2001. The Deerfoot Tr extension from Marquis of Lorne Tr to Hwy 2 S is forecast to be constructed to a 4 lane road by December 2002.

Potential future Provincial projects which are being reviewed include interchanges along Deerfoot Tr at 196 Ave S, 130 Ave S, Douglasdale Blvd and Glenmore Tr / Heritage Dr with respective potential completion dates of 2002, 2003, 2005 and 2005. A new 2-lane bridge alongside the Ivor Strong Bridge crossing the Bow River is being considered for 2006. Deerfoot Tr from Barlow Tr to Douglasdale Blvd is being considered for widening to 8 lanes by 2005.

The Provincial Government and the City of Calgary have agreed, in principle, that Stoney Tr between Deerfoot Tr and Trans Canada Hwy on the west side of The City will be a Provincial responsibility. The current plans are for the Province to construct Stoney Tr to 2 lanes between Country Hills Blvd and Deerfoot Tr by 2007. This section of construction is the continuing stages of Calgary's Ring Road.

# CITY OF CALGARY TRANSPORTATION INFRASTRUCTURE INVESTMENT PLAN

## 2000

### 1. LIGHT RAIL VEHICLES (LRV's) \*

Increase LRT fleet by 11 vehicles to accommodate existing growth.  
Starts 2000 Finishes 2001

### 2. SOUTH LRT EXTENSION TO 146 AVE S & LRV STORAGE

Extend LRT to 146 Ave S with a station and 230 parking stalls north of Canyon Meadows Dr & a station and 1200 parking stalls north of 146 Ave S plus an additional 7 LRV's.  
Starts 1999 Finishes 2001

### 3. ANDERSON RD / MACLEOD TR

Construct interchange.  
Starts 1999 Finishes 2001

### 4. DEERFOOT TR EXTENSION

Construct 4 lane divided road from Marquis of Lorne Tr south to city limits at Bow River; interchanges on Deerfoot Tr at Marquis of Lorne Tr and Barlow Tr; and widening to 8 lane road between Douglasdale Blvd and Marquis of Lorne Tr. The Bow River bridge and road connecting Dunbow Road and Highway 2 south will be constructed by the province.  
Starts 1999 Finishes 2002

### 5. BOW TR EXTENSION • STRATHCONA BLVD TO 85 ST W

Construct new 2 lane road.  
Starts 2000 Finishes 2001

### 6. BARLOW TR • GLENMORE TR TO DEERFOOT TR

Widen from 2 lane to 4 lane road.  
Starts 2000 Finishes 2001

### 7. GLENMORE TR • BARLOW TR TO 52 ST E

Widen from 2 lane to 4 lane road.  
Starts 2000 Finishes 2001

### 8. MACLEOD TR • 25 AVE TO 34 AVE S

Resurface existing road.  
Starts 2000 Finishes 2001

### 9. TRANS CANADA HWY • BOWFORT RD TO STONEY TR

Widen from 4 lane to 6 lane road.  
Starts 2000 Finishes 2001

### 10. 96 AVE N • BARLOW TR TO DEERFOOT TR

Construct 4 lane road plus interchange at Deerfoot Tr / 96 Ave N.  
Starts 2000 Finishes 2001

### 11. TRANSIT COMMUNICATION SYSTEM \*

Upgrade radio and public security systems.  
Starts 2000 Finishes 2000

### 12. TRANSIT GARAGES UPGRADES \*

Regular maintenance and upgrades of existing garages to accommodate growing bus and shuttle fleet.  
Starts 2000 Finishes Ongoing

### 13. LIGHT RAIL VEHICLE REFURBISHMENT \*

Refurbish existing LRV fleet to extend their life cycle.  
Starts 2000 Finishes Ongoing

## 2001

### 14. BEDDINGTON TR / HARVEST HILLS BLVD

Construct bridge structure over West Nose Creek in coordination with developer constructing 4 lane road on Harvest Hills Blvd.  
Starts 2001 Finishes 2001

### 15. BUSES AND SHUTTLES \*

Purchase additional 173 regular buses and 71 shuttle buses to accommodate ridership growth.  
Starts 2001 Finishes Ongoing

### 16. NORTHWEST LRT EXTENSION TO 53 ST W & CROWCHILD TR INTERCHANGES

Extend LRT to 53 St W with 1200 parking stalls at Dalhousie Station and interchanges on Crowchild Tr at Brisebois Dr, Northland Dr and 53 St W plus an additional 7 LRV's.  
Starts 2001 Finishes 2003

### 17. BARLOW TR • TRANS CANADA HWY TO 39 AVE N

Construct additional southbound lane.  
Starts 2001 Finishes 2001

## 2002

### 18. TRANSIT PRIORITY MEASURES \*

Decrease transit travel time by implementing high occupancy vehicle/bus only lanes and redesign traffic signals for transit priority.  
Starts 2002 Finishes 2005

### 19. 36 ST E • NORTH OF MCKNIGHT BLVD TO 64 AVE N

Twinning from 2 lane to 4 lane road.  
Starts 2002 Finishes 2003

### 20. GLENMORE TR • EAST FREEWAY TO 52 ST

Twinning from 2 lane to 4 lane road.  
Starts 2002 Finishes 2003

### 21. SOUTH LRT EXTENSION FROM 146 AVE S TO 162 AVE S

Extend LRT from 146 Ave S to 162 Ave S and 800 parking stalls at Shawnessy Centre Station plus an additional 4 LRV's.  
Starts 2002 Finishes 2003

### 22. FARE BOX COLLECTIONS SYSTEMS \*

Upgrade LRT ticket vending machines.  
Starts 2002 Finishes 2003

## 2003

### 23. MCKNIGHT BLVD • 52 ST E TO 68 ST E

Twinning from 2 lane to 4 lane road.  
Starts 2003 Finishes 2003

### 24. GLENMORE TR / ELBOW DR

Construct interchange. Functional study will be initiated in 2001.  
Starts 2003 Finishes 2005

### 25. BUS STORAGE GARAGE \*

Construct new bus storage garage at Spring Gardens to accommodate expansion of fleet size.  
Starts 2003 Finishes 2004

### 26. 16 AVE N • 6 ST E TO 10 ST W

Widen from 4 lane to 6 lane road.  
Starts 2003 Finishes 2005

### 27. GLENMORE TR • OGDEN RD TO BOW RIVER STRUCTURE

Widen from 4 lane to 6 lane road.  
Starts 2003 Finishes 2004

### 28. MCKNIGHT BLVD • EDMONTON TR TO 4 ST W

Widen from 4 lane to 6 lane road.  
Starts 2003 Finishes 2005

## 2004

### 29. 68 ST E • MEMORIAL DR TO 17 AVE S

Twinning from 2 lane to 4 lane road.  
Starts 2004 Finishes 2004

### 30. NORTHEAST LRT EXTENSION TO PRAIRIE WINDS & 36 ST E UPGRADES

Extend LRT to 64 Ave N with 800 parking stalls at Westwinds Business Park Station, 3 additional LRV's plus an interchange at McKnight Blvd / 36 St E.  
Starts 2004 Finishes 2006

### 31. SARCEE TR AT FISH CREEK • 146 AVE S TO 130 AVE S

Construct new 3 lane bridge over Fish Creek and new 2 lane road with climbing / left turn lanes as part of first stage.  
Starts 2004 Finishes 2005

### 32. CROWCHILD TR • 53 ST W TO W OF ROCKY RIDGE RD

Widen from 4 lane to 6 lane road.  
Starts 2004 Finishes 2005

### 33. GLENMORE TR • CROWCHILD TR TO SARCEE TR

Widen from 4 lane to 6 lane road.  
Starts 2004 Finishes 2005

### 34. SHAGANAPPI TR • COUNTRY HILLS BLVD TO EDMONTON BLVD

Twin from 2 lane to 4 lane road.  
Starts 2004 Finishes 2004

### 35. 52 ST E • GLENMORE TR TO 130 AVE S

Twinning from 2 lane to 4 lane road.  
Starts 2004 Finishes 2007

## 2005

### 36. 14 ST W • 90 AVE TO ANDERSON RD S

Widen from 4 lane to 6 lane road.  
Starts 2005 Finishes 2005

### 37. 14 ST W • ANDERSON RD TO CANYON MEADOWS DR

Rebuild new 4 lane road.  
Starts 2005 Finishes 2005

### 38. MARQUIS OF LORNE TR • DEERFOOT TR TO MACLEOD TR

Twinning from 2 lane to 4 lane road.  
Starts 2005 Finishes 2007

### 39. ANDERSON RD • 24 ST W TO SARCEE TR

Twinning from 2 lane to 4 lane road.  
Starts 2005 Finishes 2005

### 40. NE LRV GARAGE \*

Construct new LRV garage to accommodate growing LRV fleet.  
Starts 2005 Finishes 2006

### 41. FARE BOX COLLECTION SYSTEMS \*

Upgrade transit fare box collection system.  
Starts 2005 Finishes 2005

## 2006

### 42. PURCHASE OF ADDITIONAL LRV'S \*

Purchase an additional 7 LRV's to accommodate additional ridership growth.  
Starts 2006 Finishes Ongoing

### 43. CROWCHILD TR / SARCEE TR

Construct interchange.  
Starts 2006 Finishes 2007

2000 • 2007