



THE WAY WE MOVE

ON-STREET BIKE ROUTE PROGRAM

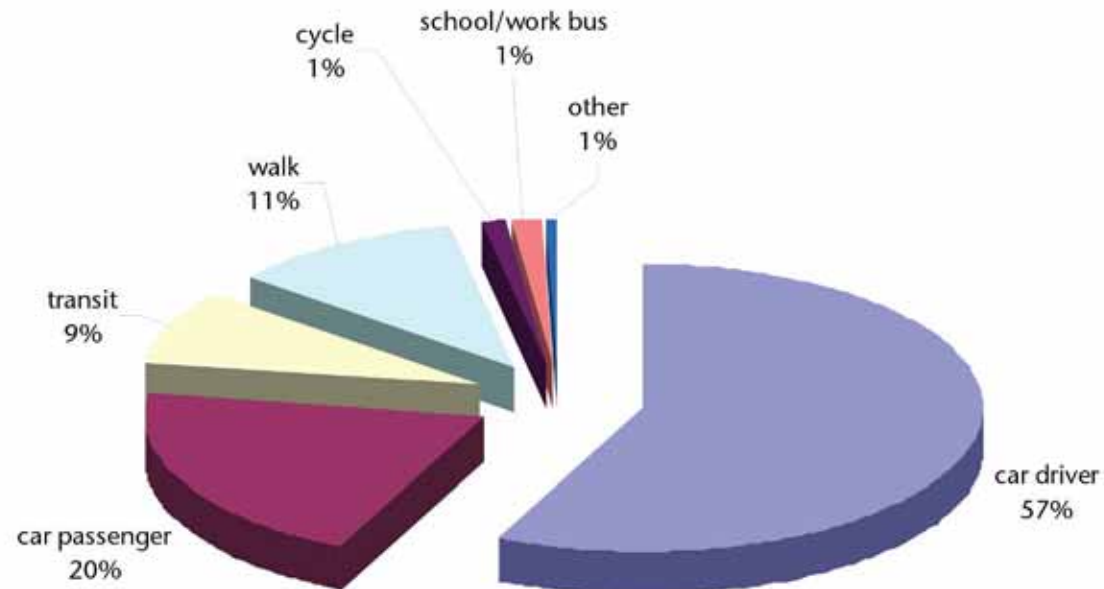
TRANSFORMING | **EDMONTON**

BRINGING OUR CITY VISION TO LIFE



www.edmonton.ca/cycling

THE CITY OF
Edmonton



MODE SPLIT

HOUSEHOLD TRAVEL SURVEY

2005

AVERAGE WEEKDAY TRIPS

TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE

"Public transportation and Active transportation will be the preferred mobility choice for more people."

"Create a cycle friendly city."

"Adopt and implement a bicycle transportation plan."

THE WAY WE MOVE

TRANSPORTATION MASTER PLAN

"Adopt and implement a strategy for sidewalk infrastructure to prioritize and construct missing links in the pedestrian network."

"...the need to ensure well maintained sidewalks and curb ramps is imperative for a continued quality of life and safety."

TRANSFORMING | EDMONTON
DRAFT

TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE

EDMONTON, A
BICYCLE-FRIENDLY
CITY

MORE PEOPLE
CYCLING MORE
OFTEN



150% INCREASE IN
CYCLING TRIPS SINCE
1994

INCREASING CYCLING ACTIVITY **BICYCLE TRANSPORTATION PLAN**



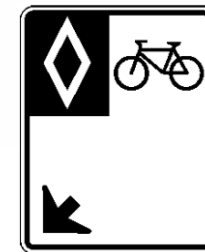
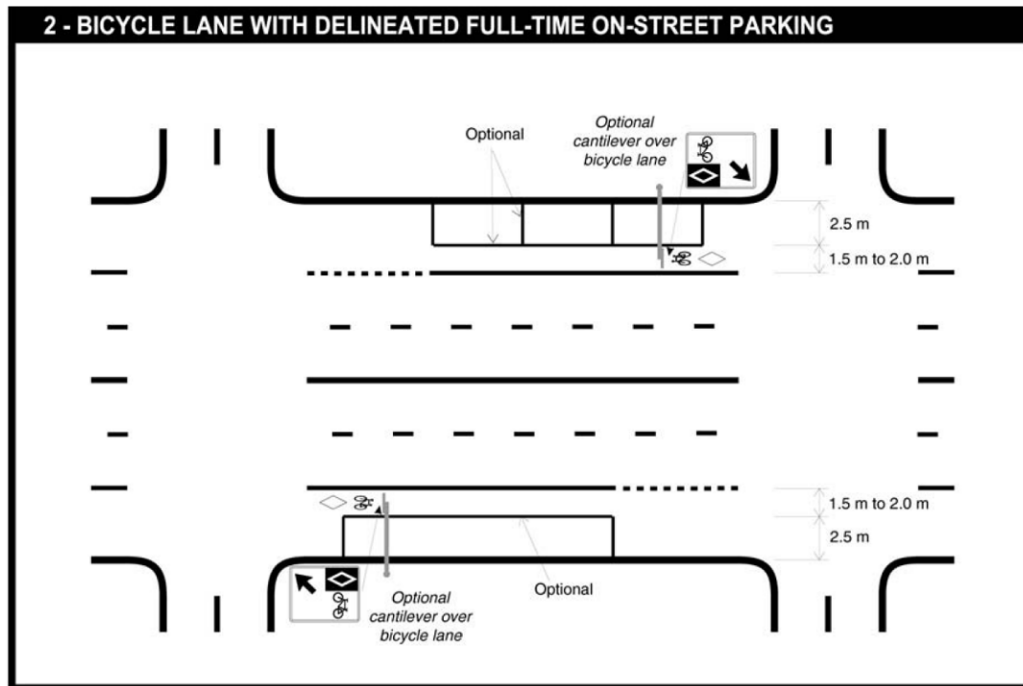
***Bikeway Traffic Control
Guidelines for Canada***

2nd Edition

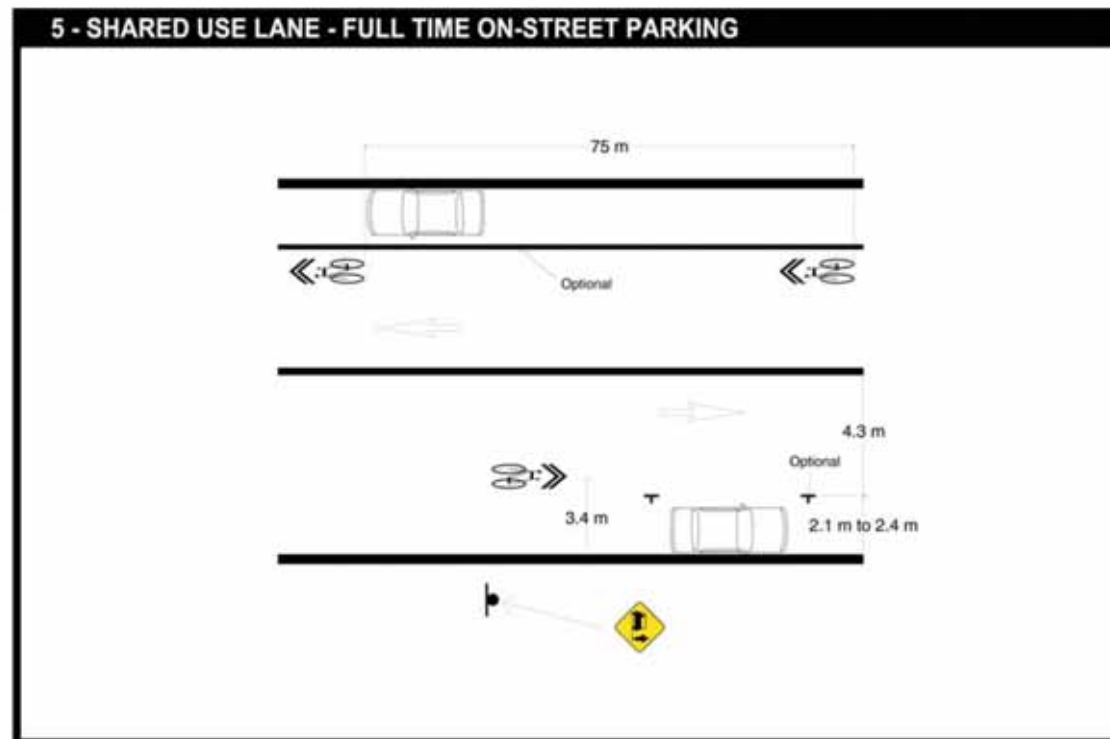
*Transportation Association of Canada
Association des transports du Canada*

Feb 08 2010

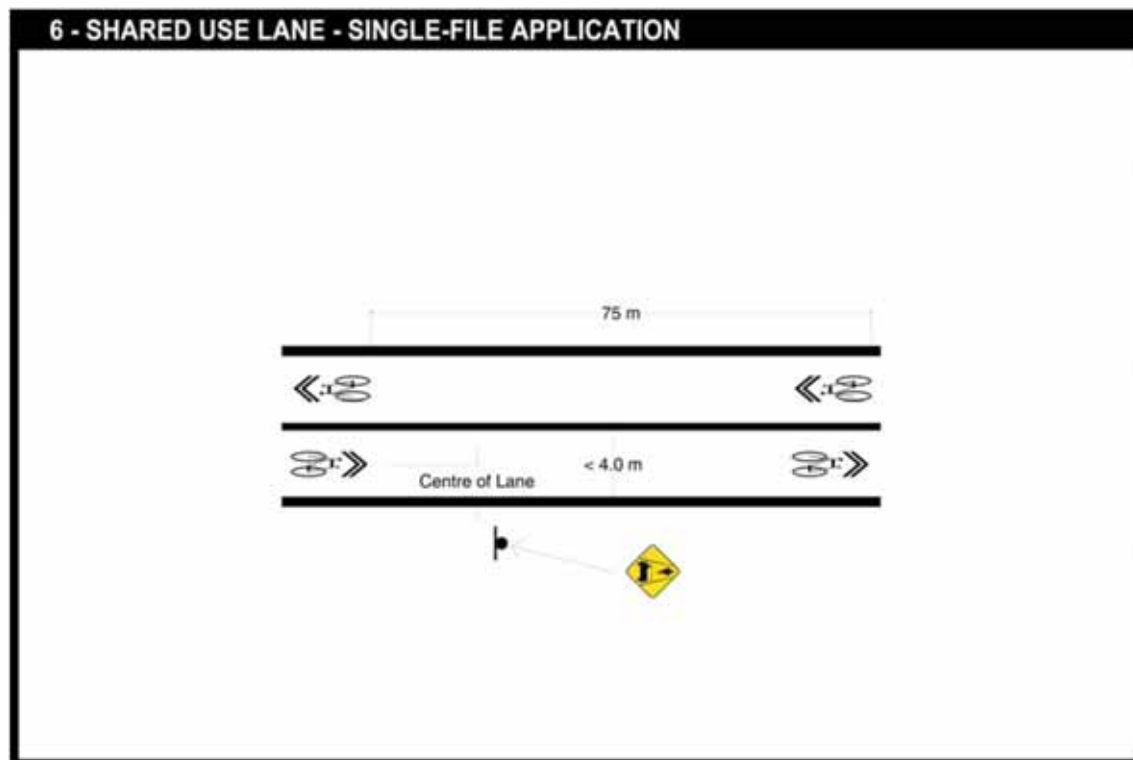
BIKE LANES ADJACENT TO ON-STREET PARKING



SHARROWS RAISE AWARENESS TO BOTH CYCLISTS AND MOTORISTS OF THE CORRECT CYCLIST POSITIONING IN THE LANE



CYCLISTS SHOULD USE THE FULL LANE WHEN IT IS TOO NARROW FOR SIDE-BY-SIDE OPERATION



CHALLENGES

- Retro-fitting infrastructure
- Balancing needs of all road users
- Considering compromises and trade-offs
- Ensuring safe and effective operations

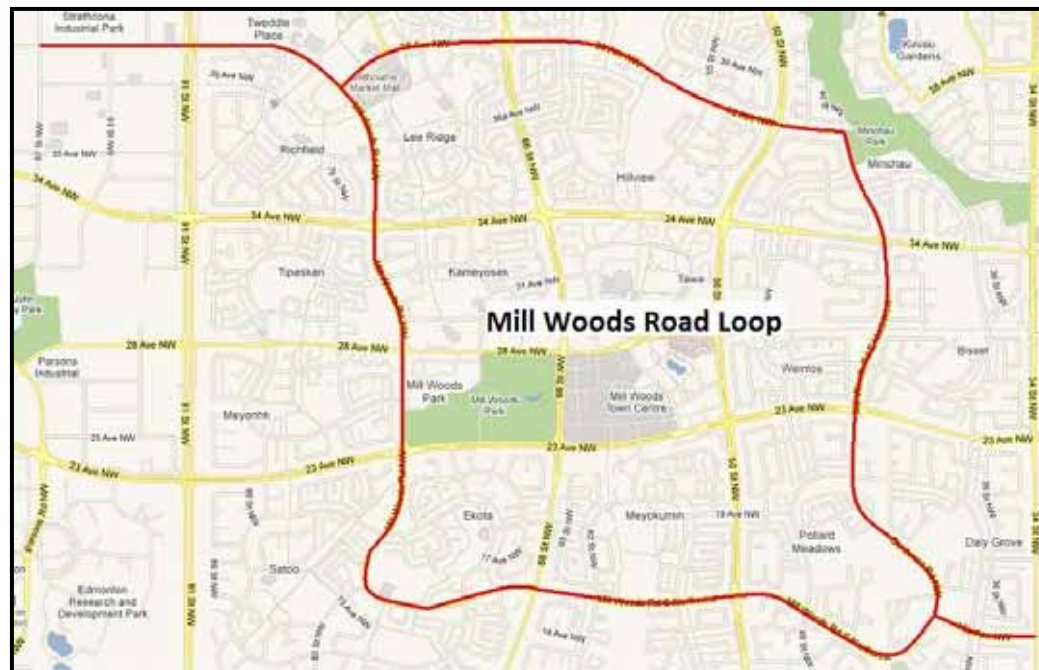
ON-STREET BIKE ROUTE PROGRAM

- Prior to 2010 consisted of:
- 127 Street Contra-flow Lane
 - University Contra-flow Lanes
 - 100 Avenue Contra-flow Lane
 - Bus/Bike/Taxi Reserved Lanes
 - Wide Curb Lanes



2010 ON-STREET BIKE ROUTE PROGRAM (13 km)

➤ Mill Woods Road Loop



2010 ON-STREET BIKE ROUTE PROGRAM (13 km)

➤ Mill Woods Road Loop



Before
14.5m Cross Section



After



After

2011 ON-STREET BIKE ROUTE PROGRAM (20 km)

- 106 Street (51 Avenue to Saskatchewan Drive)
- 76 Avenue (Gateway Boulevard to Saskatchewan Drive)
- Saddleback Road Loop
- 97 Street (34 Avenue to 83 Avenue)
- 69 Avenue (170 Street to 178 Street)
- 40 Street (Hermitage Road to Clareview LRT Station)

2011 ON-STREET BIKE ROUTE PROGRAM



2011 ON-STREET BIKE ROUTE PROGRAM



2011 ON-STREET BIKE ROUTE PROGRAM

76 Avenue

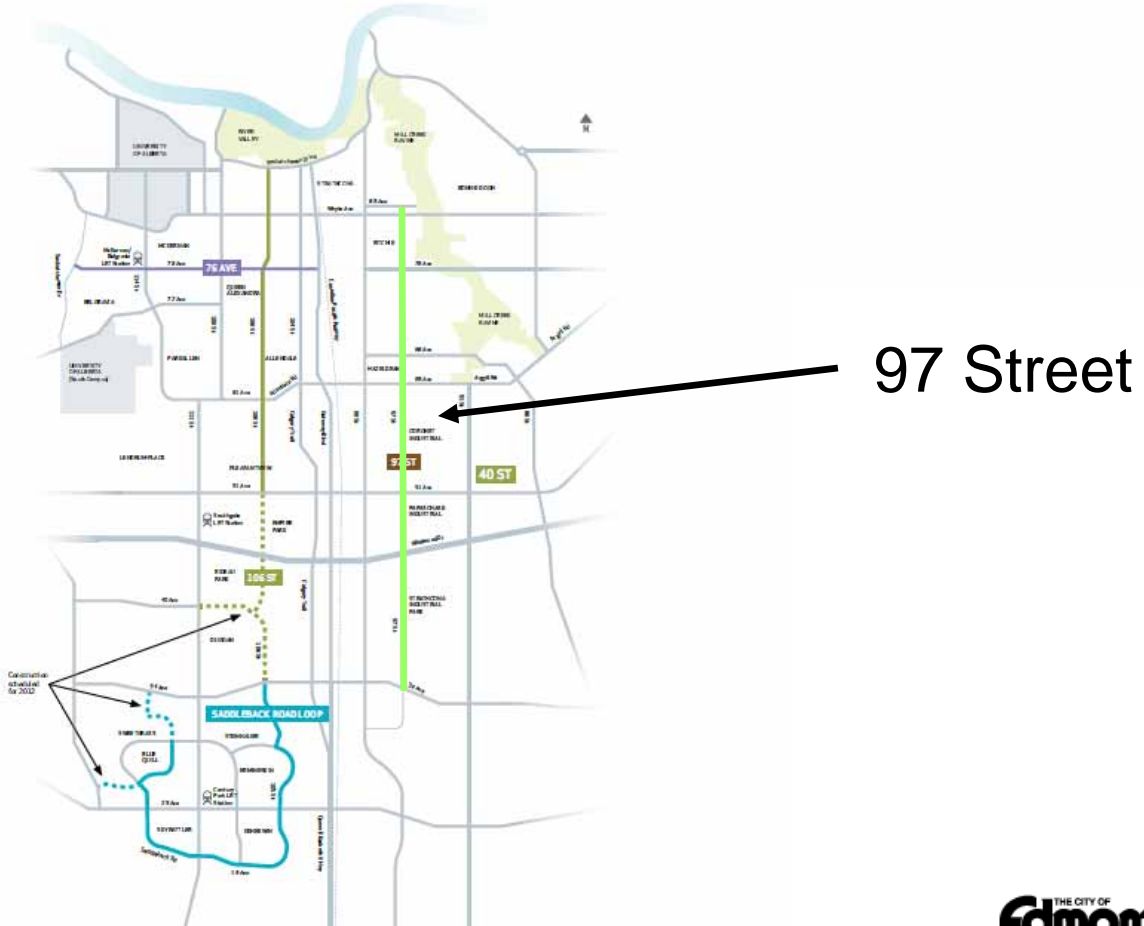


2011 ON-STREET BIKE ROUTE PROGRAM

Saddleback Road



2011 ON-STREET BIKE ROUTE PROGRAM



106 STREET & 76 AVENUE



Before
11.5m Cross Section



Alternative 1



Alternative 2



School Design

SADDLEBACK ROAD LOOP



Before
14.5m to 16m Cross Section



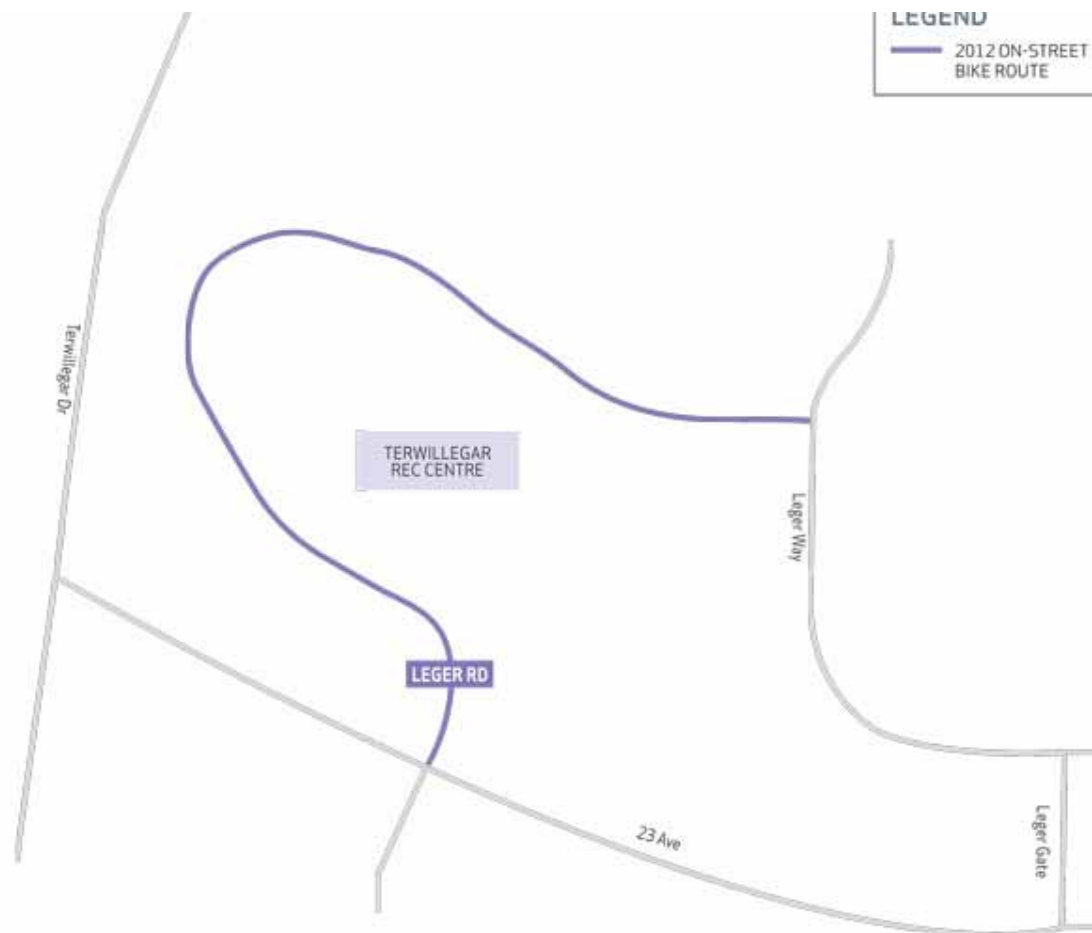
After
Travel Lanes reduced between 1.7m to 2.0m

2012 ON-STREET BIKE ROUTE PROGRAM (15 km)

- Leger Road (23 Ave to Leger Way)
- 121 Ave (Victoria Trail to 71 St)
- Wolf Willow Road (East of 170 St)
- 189 St (87 Ave to 95 Ave)
- 121 St (100 Ave to 106 Ave)
- 82 St (Yellowhead Trail to 137 Ave)
- 116 St (87 Ave to Saskatchewan Drive)

2012 ON-STREET BIKE ROUTE PROGRAM

➤ Leger Road (23 Ave to Leger Way)



2012 ON-STREET BIKE ROUTE PROGRAM

➤ 121 Ave (Victoria Trail to 71 St)



2012 ON-STREET BIKE ROUTE PROGRAM

➤ Wolf Willow Road (East of 170 St)



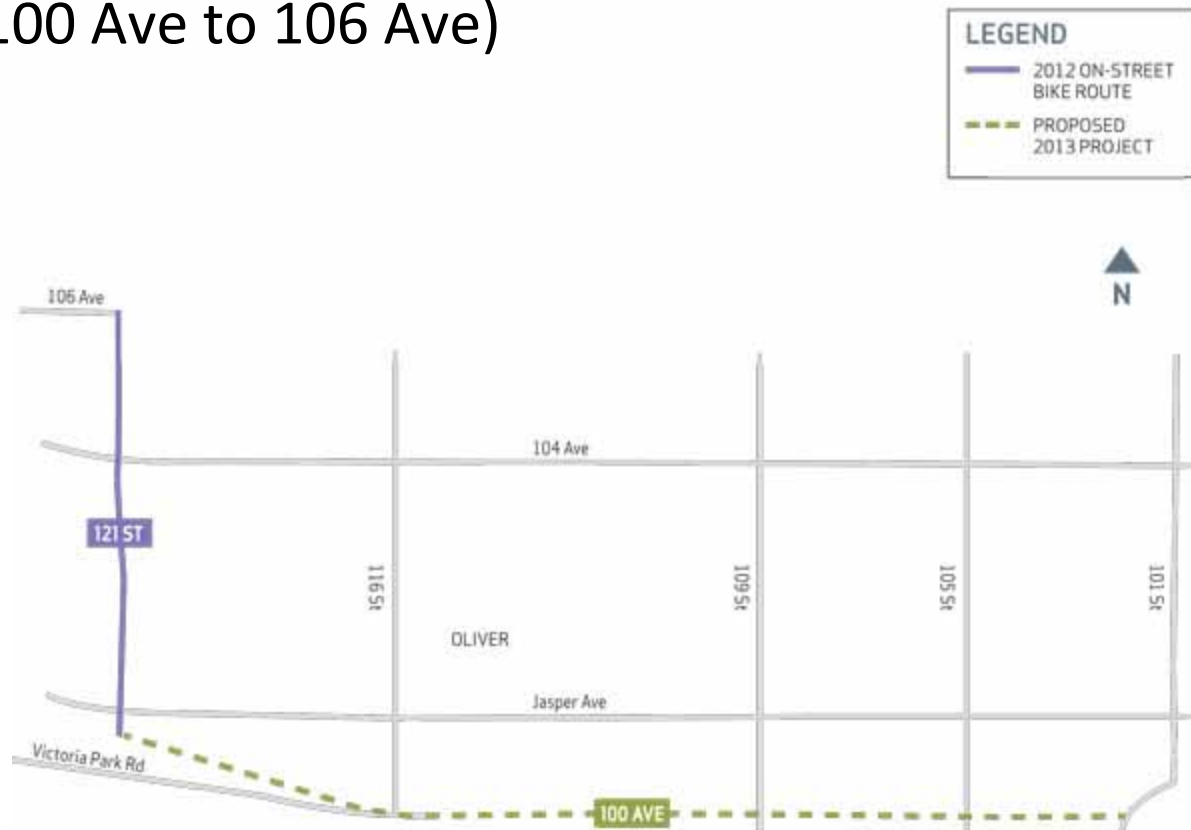
2012 ON-STREET BIKE ROUTE PROGRAM

➤ 189 St (87 Ave to 95 Ave)



2012 ON-STREET BIKE ROUTE PROGRAM

➤ 121 St (100 Ave to 106 Ave)



2012 ON-STREET BIKE ROUTE PROGRAM

➤ 82 St (Yellowhead Trail to 137 Ave)



2012 ON-STREET BIKE ROUTE PROGRAM

➤ 116 St (87 Ave to Saskatchewan Drive)



TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE

ISN'T IT TIME
WE GOT ALONG?



ONEROAD.CA

THE CITY OF
Edmonton

THE CITY OF
Edmonton

TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE



ISN'T IT TIME WE GOT ALONG?

SHARED-USE LANE

Shared-Use Lanes indicate that the roadway is to be shared between motorists and cyclists.

Shared-Use Lanes guide cyclists on the road and remind drivers to expect cyclists in the lane.



ONEROAD.CA

THE CITY OF
Edmonton

THE CITY OF
Edmonton

TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE



ISN'T IT TIME WE GOT ALONG?

WHAT DO I DO?

When the solid white line of a Bike Lane becomes dashed, drivers should enter the lane if turning right, after checking that it is safe.



ONEROAD.CA

THE CITY OF
Edmonton

THE CITY OF
Edmonton

TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE



ISN'T IT TIME WE GOT ALONG?

DO I HAVE TO?

Although cyclists are encouraged to use the Bike Routes, they can ride on all city streets as they have the same rights and responsibilities as motorists. On Bike Routes, cyclists are not required to travel in the Bike Lanes or Shared-Use Lanes.



ONEROAD.CA



TRANSFORMING | EDMONTON

BRINGING OUR CITY VISION TO LIFE



ISN'T IT TIME WE GOT ALONG?

THE BIKE ROUTE ENDED, NOW WHAT?

When a Bike Route ends, cyclists should use the road just as they would on any city street.



ONEROAD.CA

THE CITY OF
Edmonton

THE CITY OF
Edmonton

MONITORING AND ASSESSMENT

- Vehicle speed and volume surveys
- Cyclist volume surveys
- Conflict analysis studies

