

THE WAY AHEAD



# BUILDING GREAT NEIGHBOURHOODS

TRANSFORMING | **EDMONTON**

BRINGING OUR CITY VISION TO LIFE

## Dovercourt Reconstruction Neighbourhood Renewal Design Process

**Neighbourhood  
Renewal** is Building Great Neighbourhoods

Renewing *Your* Neighbourhood  
Protect | Rehab | Reconstruct

September 2011  
[http://www.edmonton.ca/transportation/roads\\_traffic/neighbourhood-renewal.aspx](http://www.edmonton.ca/transportation/roads_traffic/neighbourhood-renewal.aspx)

THE CITY OF  
**Edmonton**



## Dovercourt Reconstruction: Design Process

- This part of the presentation focuses on Neighbourhood Renewal design process, with specifics for Dovercourt, covering such topics as:
  - Drainage and Road Neighbourhood Renewal Scope
  - Design Considerations
  - What We heard from the Community
  - Design Plans

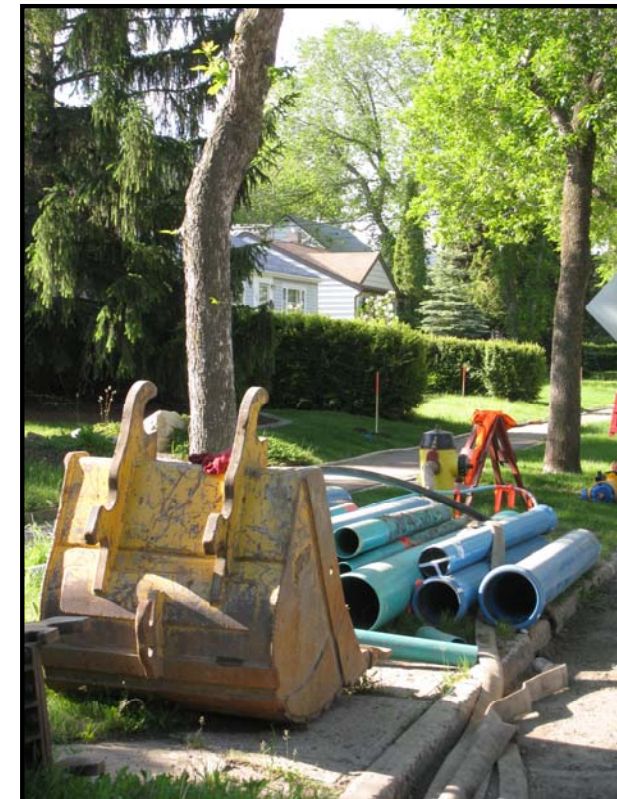
## Dovercourt Reconstruction: Scope

### Surface Reconstruction:

- Replacement of Pavement/Sidewalk/  
Curb and Gutter/Street lighting

### Coordinate with Other Projects

- Internal (City)
  - Drainage Services
  - Community Services
- External (Utility)
  - EPCOR, ATCO





## Dovercourt Reconstruction: Drainage Renewal Work Status

- Drainage Services Construction expected to be completed before surface reconstruction
- Condition Assessments
  - CCTV (2010)
- Design & Construction
  - Sewer Rehabilitation: Reline and Open Cut (2011/2012)
- Conceptual Cost: \$1.7 Million



FM\_DM03



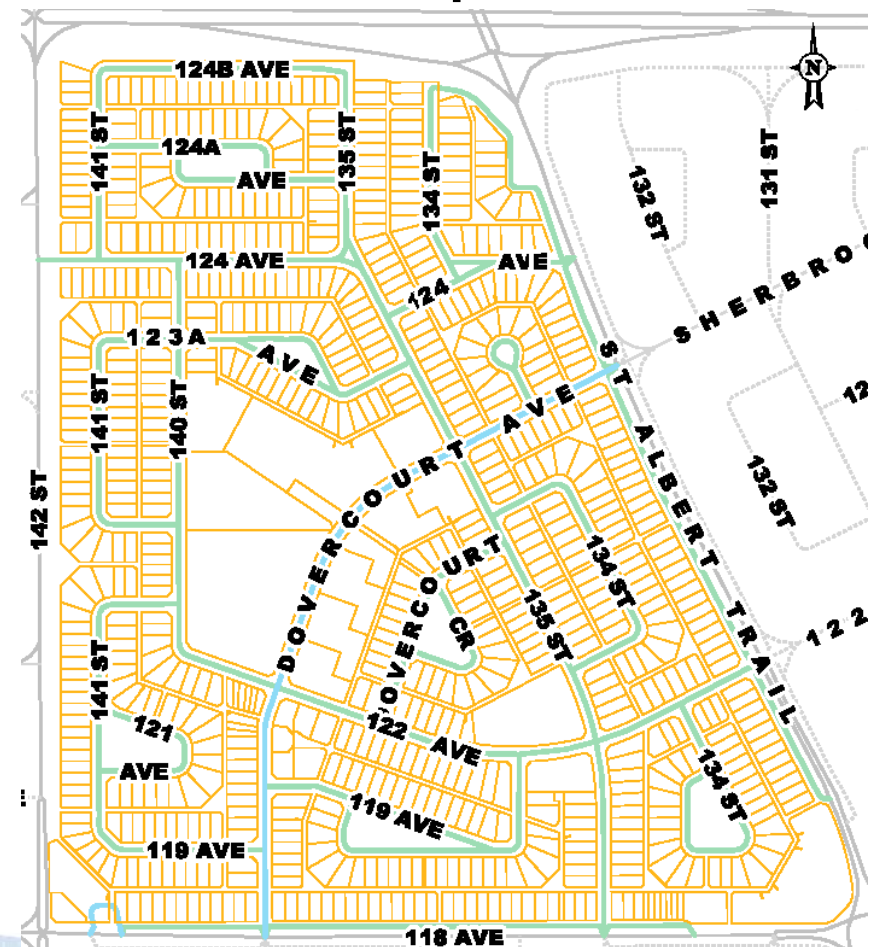
# Dovercourt Condition and Reconstruction Scope and Cost

## Current Condition

- Age: +45 Years (est. 1958-1965 (1963))
- Pavement: Poor condition
- Curb: Poor condition
- Sidewalk: Fair (some poor) condition

## Surface Works (Conceptual): \$19 Million

- Includes replacement of pavement, sidewalk, curb and gutter, street lighting
- Does NOT Include alleys, arterial roadways, underground utility work



September 2011

[http://www.edmonton.ca/transportation/roads\\_traffic/neighbourhood-renewal.aspx](http://www.edmonton.ca/transportation/roads_traffic/neighbourhood-renewal.aspx)

## Dovercourt Reconstruction: Design Considerations

- Meet City's Design & Construction Standards/policies
- Address accessibility (pedestrian/bicycle) issues
- Reducing pedestrian crossing distance
- Select curb and gutter type - typically rolled face except on collectors and around special sites of interest such as schools and parks
- Incorporate "What we heard" suggestions from public that is in scope for Neighbourhood Renewal or Great Neighbourhoods Improvement Investments programs



## Dovercourt Reconstruction: What We Heard

- On May 17, 2011, 265 people attended an information meeting at the Dovercourt Community Hall. Twenty-one Dovercourt residents filled out the online survey and [edmonton.ca/BuildingDovercourt](http://edmonton.ca/BuildingDovercourt) was visited 207 times in a two-week period.
- All comments were reviewed and considered in the preliminary design.
- Suggestions were assessed to see if they:
  - Meet current City of Edmonton standards/policies
  - Are within the scope of work the City of Edmonton can do (i.e. on City of Edmonton owned land, within programs' scope)
  - Provide a reasonable cost/benefit analysis for mobility, safety, capital costs, maintenance and other factors

# Dovercourt Reconstruction: What We Heard

- Findings are summarized in fact sheet.
- Residents identified several key elements:
  - Improving pedestrian accessibility
  - Reduction of speeding in the area
  - Increased number of pedestrian crossings
  - Overall improvement in livability



## BUILDING GREAT NEIGHBOURHOODS : Dovercourt

THE DOVERCOURT NEIGHBOURHOOD has been chosen for reconstruction starting in Spring 2012. This means the City of Edmonton plans to replace the roads, curbs, sidewalks and street lights in the Dovercourt neighbourhood.

To maximize efficiency and minimize disruption to residents, City of Edmonton Drainage Services is replacing and/or repairing sewer pipes in advance of road replacement. The City is also working with other utility companies such as ATCO Gas and EPOR Water to address any utility repairs or replacements in your neighbourhood prior to rebuilding the roads.

### DOVERCOURT RESIDENT INPUT

The City of Edmonton is committed to involving Edmontonians in the decisions that affect them. This spring, Dovercourt residents and property owners were invited to the first of three public meetings about the work that will be done in their neighbourhood.

Residents were asked to provide input at the meetings and through an online survey to identify missing sidewalk connections and improvements the Great Neighbourhoods Improvement Fund could invest in that would add to the livability of the area.

On May 17, 2011, 265 people attended an information meeting at the Dovercourt Community Hall. In addition to the public meeting, residents were invited to go to the City's website and view the video and documents; then fill out the online survey. Twenty-one Dovercourt residents filled out the online survey and [edmonton.ca/BuildingDovercourt](http://edmonton.ca/BuildingDovercourt) was visited 207 times in a two-week period.

The following provides a general overview of resident comments. All comments were reviewed and considered in the preliminary design.

### IMPROVE PEDESTRIAN ACCESSIBILITY

Dovercourt residents named a variety of areas for improved pedestrian accessibility. The City reviewed all suggestions and will be constructing sidewalk in the following areas as part of neighbourhood renewal:

- North of 122B Avenue (located in the public utility lot), linking 140 Street to 141 Street
- Along the north side of 124B Avenue, linking 134 Street to 135 Street
- Along the west side of the St. Albert Trail Service Road, linking the north side of the commercial properties to 124B Avenue
- Along the west side of St. Albert Trail, linking the new service road sidewalk to Bus Stop #5173

In addition, as part of the neighbourhood renewal, curb ramps will be constructed at all intersections within the neighbourhood.

The neighbourhood was also assessed for implementation of intersection enhancements. The goal of these modifications is to improve the visibility and reduce pedestrian crossing distances of more vulnerable road users, such as seniors, children, and the mobility challenged. Two areas of opportunity were identified in Dovercourt and are located at:

- Dovercourt Avenue and 122 Avenue
- 121 Avenue and 141 Street

Formalized bicycle routes have been identified for Dovercourt along parts of 135 Street, 122 Avenue, 140 Street, and 124 Avenue.



### STOP THE SPEEDING

Speeding at a variety of Dovercourt neighbourhood locations was cited as a problem by many residents. Edmonton Police Service has been notified of speeding concerns in the community and have established photo enforcement sites.

The City is also conducting an analysis of the need for four-way stops at some intersections.

Residents also requested their community have a 40 KM hour speed limit. The Transportation Services department is collecting results of a community survey and awaiting direction from City Council on whether reduced speed limits will remain in the pilot communities.

### PEDESTRIAN CROSSINGS

Several Dovercourt residents suggested adding more crosswalks in the neighbourhood. Traffic and pedestrian volumes at the locations identified were measured and site checks were conducted. It was found that the current controls were appropriate at all the locations. Therefore there will be no additional crosswalks added during neighbourhood renewal as the level of protection at the pedestrian crossings in Dovercourt meets current guidelines.

### IMPROVE LIVABILITY

Residents agreed the replacement of Dovercourt roads, curbs, concrete sidewalks and streetlights will improve the neighbourhood's livability.

Additional suggestions to add to the livability of the neighbourhood ranged from adding Welcome To Dovercourt signs at several neighbourhood entrances to adding fencing along a greenbelt north of 118 Avenue and adding more public garbage cans in the area.

Each of the suggestions were reviewed and informed the Great Neighbourhoods Improvement Fund investments for the 2012-2013 neighbourhood renewal process.

Currents projects to be considered :

- Reviewing the feasibility of a Welcome To Dovercourt sign in the current roadway at various locations

For more information go to [edmonton.ca/BuildingDovercourt](http://edmonton.ca/BuildingDovercourt)





## Dovercourt Reconstruction: Design Progress

- Preliminary Walkthrough → Completed
- Preliminary Drawings → Completed
- In-Field Detailed Design → In Progress

## Dovercourt Reconstruction: Summary of Special Features

### Adding active-modes links - Sidewalks

- North of 122B Ave (located in the public utility lot), linking 140 St to 141 St
- Along the north side of 124B Ave, linking 134 St to 135 St
- Along the west side of the St. Albert Trail Service Road, linking the north side of the commercial properties to 124B Avenue
- Along the west side of St. Albert Trail, linking the new service road sidewalk to Bus Stop #5173

### Adding active-modes links - Bicycle routes

- Along parts of 135 St, 122 Ave, 140 St, and 124 Ave

# Dovercourt Reconstruction: Summary of Special Features

## Intersection Upgrading

- Dovercourt Ave and 122 Ave
- 121 Avenue and 141 Street

## Road Width Improvements

- 122 Avenue (St. Albert Trail to Dovercourt Avenue)
- 124 Avenue (135 Street to 142 Street)
- 135 Street (118 Avenue to 124B Avenue)



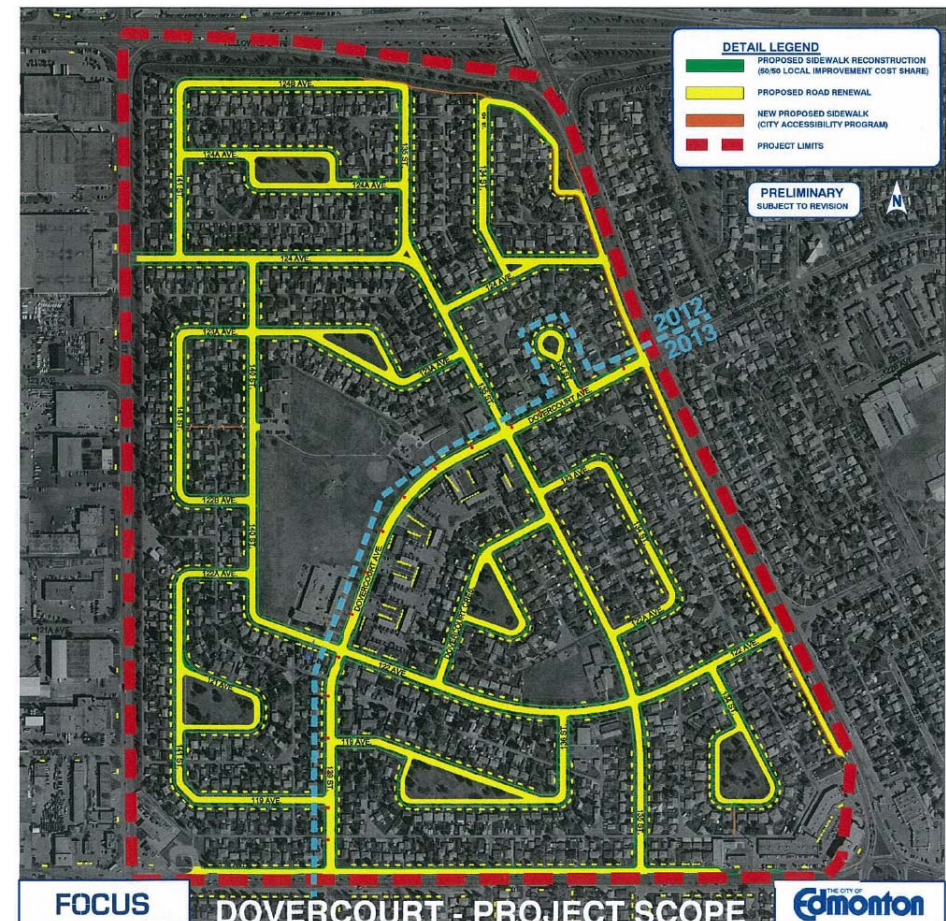
## Dovercourt Reconstruction: Design Plans

Three display are setup in the back:

- Project scope display, showing proposed design and tentative project year split for the neighbourhood reconstruction
- Preliminary design displays, that provides more technical information than the other display.
- Preliminary street lighting design, showing proposed locations of new street lighting

## Dovercourt Reconstruction: Construction Staging

- Construction will be staged over 2 Years (2012 - 2013)
- Ultimate staging is dependent: weather conditions, coordination with other utilities, and unforeseen design and construction issues
- To create minimal disturbance at schools, construction activities around the schools will be scheduled during the summer months





## Dovercourt Reconstruction: Design Contact

For more Design Information, contact:

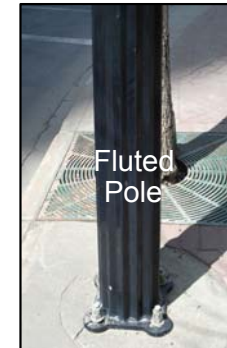
Elisse Forestier - Design Project Manager  
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Roads Design & Construction Branch  
Email: [elisse.forestier@edmonton.ca](mailto:elisse.forestier@edmonton.ca)  
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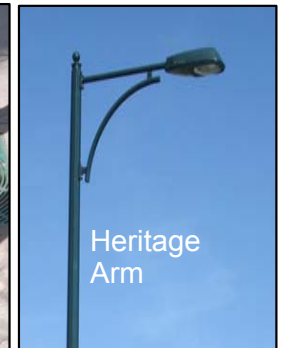
## Dovercourt Reconstruction: Next Steps

- Decorative Street Light EOI:  
signatures due - **December 1, 2011**  
**Black fluted Pole, Heritage Arm**  
Cash rate:\$18.22/m or  
Annual rate:\$1.61/m for 15 yrs
- Renewing Your Neighbourhood Meeting 3  
will occur shortly after the mail-out of  
local improvement notices.  
**Tentative schedule Feb 7 - 16**
- Meeting 3 will provide more focus on the  
final design, local improvement process,  
and reconstruction schedule and  
activities.

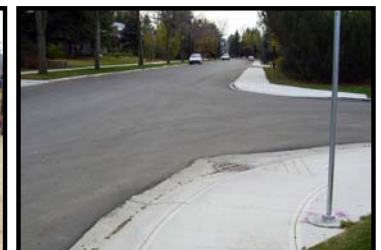
Black – Federal  
Standard, 17038



Fluted  
Pole



Heritage  
Arm



# Conclusion of Formal Program

- Visit resource tables
- Complete comment form.
- Visit web:

[www.edmonton.ca/BuildingDovercourt](http://www.edmonton.ca/BuildingDovercourt)



**BUILDING GREAT NEIGHBOURHOODS**  
RENEWING YOUR NEIGHBOURHOOD INFORMATION SESSION  
CANORA COMMUNITY  
September 22, 2011  
Canora Community League  
10425-152 Street  
6:30 pm to 8:30 pm

Please help us prepare for future meetings by taking the time to answer a few questions about your experience. If you need more space to make your comments, please ask for additional copies of this form.

1. The information presented was useful and informative. (please circle)

1                      2                      3                      4                      5  
Strongly disagree                      Neutral                      Strongly agree

2. The information was easy to understand. (please circle)

1                      2                      3                      4                      5  
Strongly disagree                      Neutral                      Strongly agree

3. The project representatives were helpful, friendly and accessible. (please circle)

1                      2                      3                      4                      5  
Strongly disagree                      Neutral                      Strongly agree

4. I was able to find satisfactory answers to my questions. (please circle)

1                      2                      3                      4                      5  
Strongly disagree                      Neutral                      Strongly agree

5. I have a better understanding of the project because of my attendance tonight. (please circle)

1                      2                      3                      4                      5  
Strongly disagree                      Neutral                      Strongly agree

For more information, visit [www.edmonton.ca/BuildingCanora](http://www.edmonton.ca/BuildingCanora)  
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