



Welcome!

***West Jasper Place
Neighbourhood Renewal
Information Session***

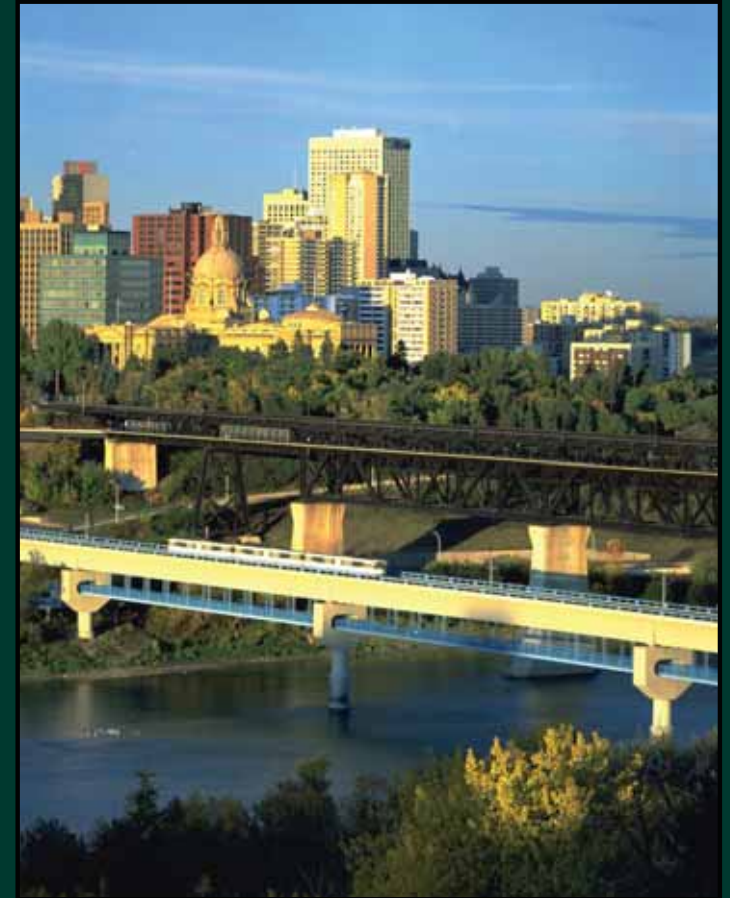


Overview of the Neighbourhood Renewal Program

Presented By: Loli Fernandez, P.Eng.

Current Neighbourhood Roadway Infrastructure

- Neighbourhoods in Edmonton:
 - 300 (Incl. Industrial)
- Neighbourhoods Requiring Renewal:
 - 150
- Surface Infrastructure Life Expectancy:
 - Approx. 40-50 Years
- For a Sustainable Renewal Plan:
 - 13 – 15 Neighbourhoods/Year



(Photo Courtesy of Edmonton.ca)

Types of Neighbourhood Renewal

- Preventative Maintenance:
 - Resealing of Roads
- Overlay:
 - Resurfacing of Roads
 - Selective Repairs to Curbs and Sidewalks



Types of Neighbourhood Renewal

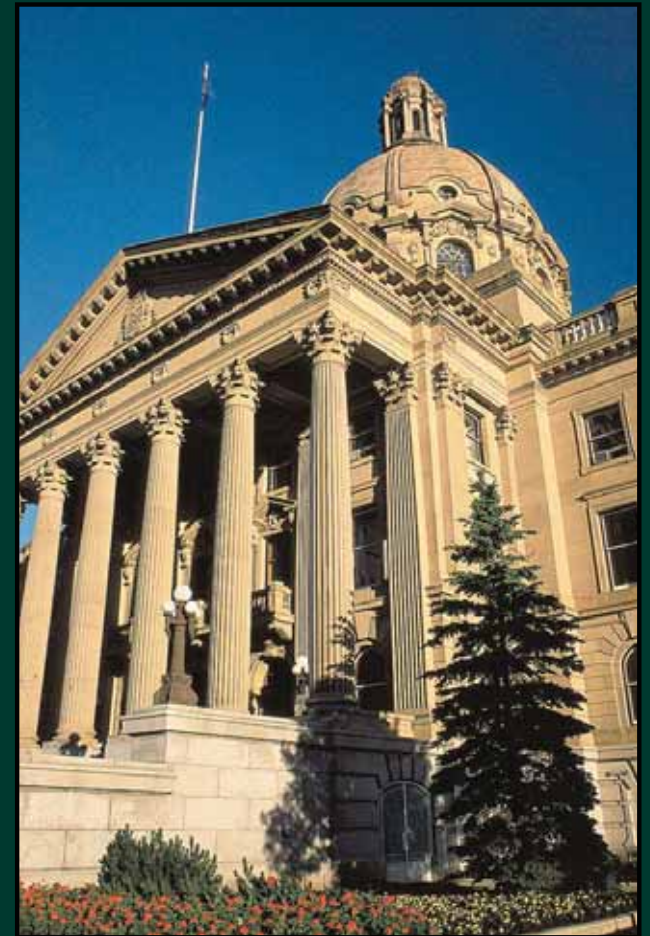
- Reconstruction:
 - Reconstruction of the Pavement
 - Extensive Replacement of Curbs and Sidewalks
 - Upgrading of Standard Street Lighting



Current Funding Sources for the Neighbourhood Renewal Program

- Alberta Municipal Infrastructure Program (AMIP)
- Municipal Sustainability Initiative (MSI)
- City of Edmonton General Financing
- 1.5% Neighbourhood Tax Levy
- Local Improvement Tax Levy for Sidewalk Reconstruction*

**Subject to the approval of the Local Improvement Bylaw)*



(Photo Courtesy of EEDC)

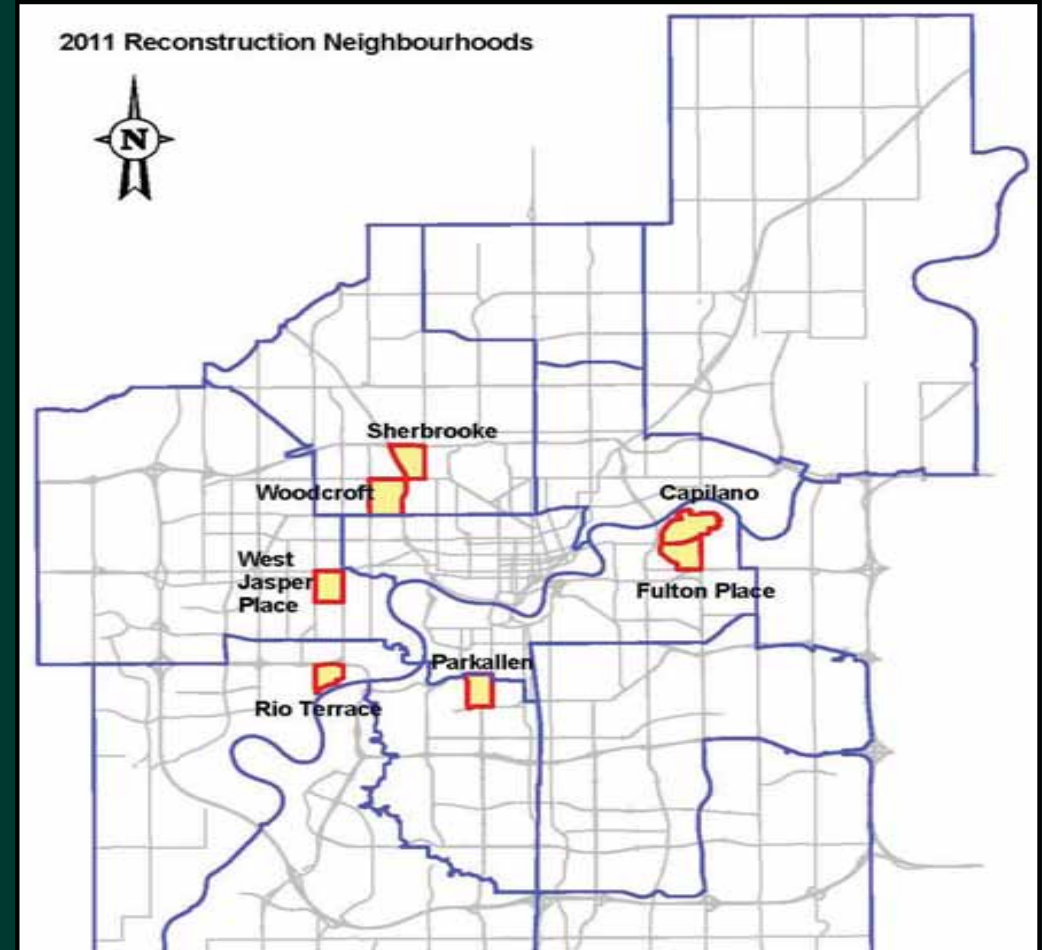
Neighbourhood Renewal Funding Breakdown

<i>Infrastructure</i>	<i>Source</i>
<i>Roads, Curbs, and Gutters</i>	<i>100% City</i>
<i>Underground Utility Work (EPCOR, Water, Drainage)</i>	<i>100% Utility</i>
<i>Standard Street Lights</i>	<i>100% City</i>
<i>Upgrade of Existing Alley Lights</i>	<i>100% City</i>
<i>Sidewalk Reconstruction</i>	<i>50% Property Owner/50% City</i>

Note: Roadwork in alleys is **not** included.

2011 Neighbourhood Renewal Reconstruction Scope

- Year 1
 - Capilano
 - West Jasper Place
 - Woodcroft
- Year 2 (Completion)
 - Fulton Place
 - Parkallen
 - Rio Terrace
 - Sherbrooke



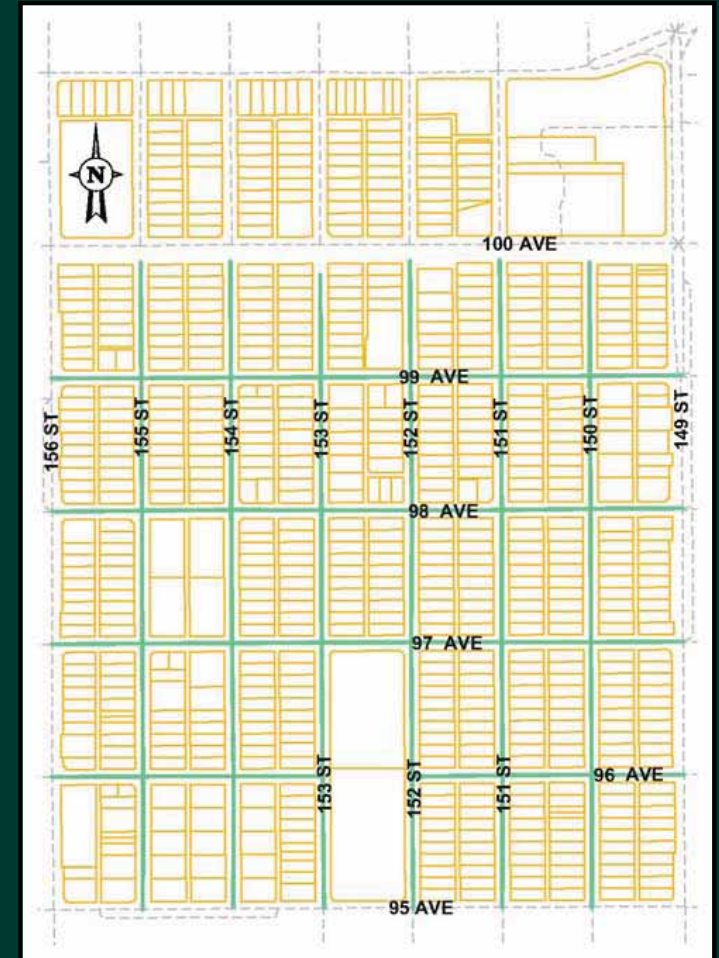
Neighbourhood Renewal Selection Criteria

- Average Condition of Pavement and Concrete
- Average Condition of Underground Infrastructure
- Coordination with Other Capital Projects
 - City (Internal)
 - External Agencies
- Available Funding

West Jasper Place

Current Infrastructure Conditions

- Age
 - +40 Years Old (est. 1969)
- Pavement
 - Poor Condition
- Curbs
 - Poor Condition
- Sidewalks
 - Poor Condition



West Jasper Place Design Considerations

- Meet Design & Construction Standards
- Select Curb and Gutter Type
- Address Accessibility Issues
- On-Street Bicycle Route

West Jasper Place

Design Consideration – Curb Type

- Generally replace what was existing
- Rolled Face Curb and Gutter will be installed on all curbs with the exception of commercial, park and school areas
- Straight face curb
 - Bus routes, schools, parks and collectors
- Roll face curb
 - Large trees, grading and drainage

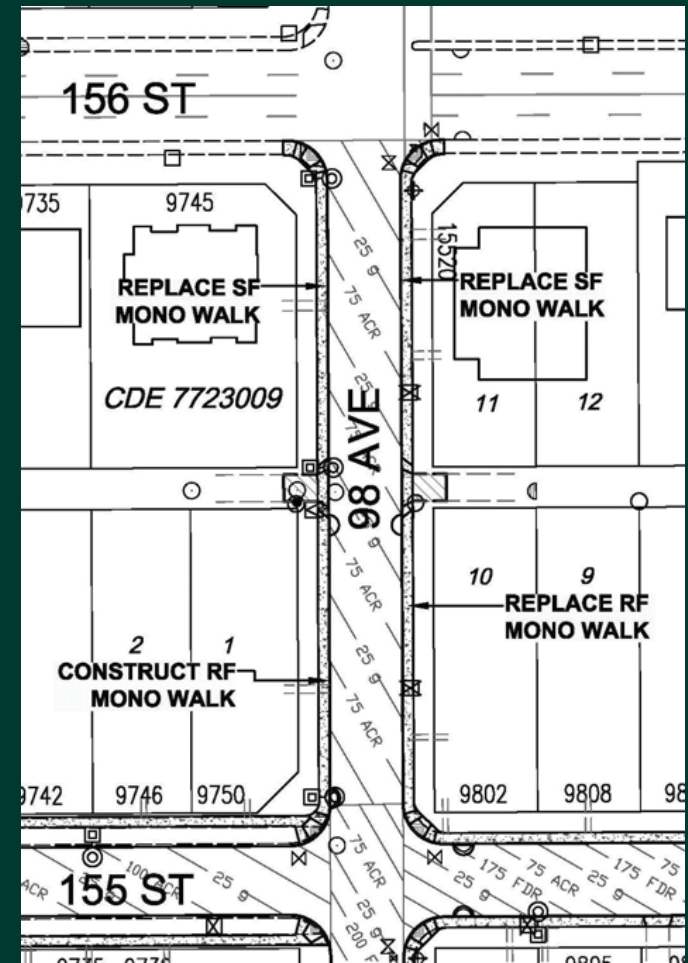


West Jasper Place Design Consideration – Curb Type



West Jasper Place Design Consideration – Missing Sidewalk

- South side of 98 Avenue – from 155 Street to the alley east of 156 Street



West Jasper Place Design Consideration – On-Street Bicycle Route

- 153 Street – from 95 Avenue to Stony Plain Road



West Jasper Place Construction Staging

- Construction will be Staged Over 2 Years
 - 2011 & 2012
- Ultimate Staging is Dependent Upon:
 - Weather Conditions
 - Coordination of Work with Other Utilities
 - Design / Construction Issues



West Jasper Place Neighbourhood Surface Cost Estimate

- \$14 Million (Conceptual)
 - Roadways
 - Curb and Gutters
 - Sidewalks
 - Standard Street Lights
 - Upgrade to Alley Lights



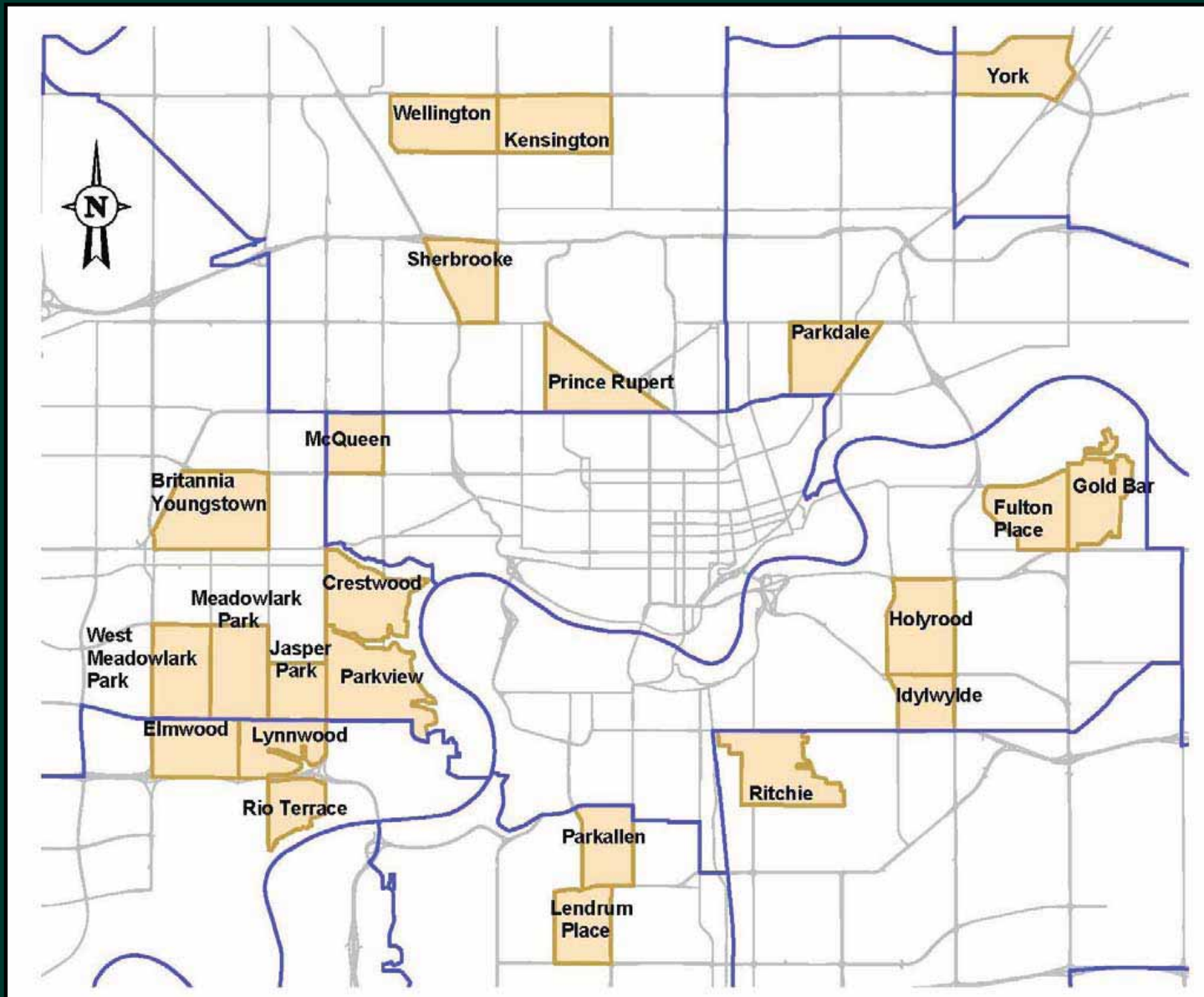
50/50 Cost Share Local Improvement for Sidewalks

- 1995
 - Originated as a Pilot Project
- 1998
 - Approved by City Council



(Photo Courtesy of Dub Architects Ltd.)

Neighbourhoods with Sidewalk Reconstruction as a Local Improvement



50/50 Cost Share Local Improvement for Sidewalks

- 12 Distinct Projects in West Jasper Place
- Each Project May be Petitioned Against
 - Must have the Majority of Property Owners to Defeat the Local Improvement



50/50 Cost Share Local Improvement for Sidewalks

- Sidewalk Cost Estimate Includes:
 - Concrete Removal and Excavation
 - Gravel Base
 - Reinforcing Steel
 - Concrete Placement
 - Private Walkway Tie-Ins
 - Private Connector Tie-Ins
 - Landscaping (Topsoil and Sod)



What Happens if a Project is Successfully Defeated?

- If a Project is Defeated the City Will Still, at No Cost to the Property Owners:
 - Reconstruct Roads
 - Spot Repair Curbs
 - Replace Street Lights
 - Repair Underground Utilities
 - Perform Maintenance Activities on Sidewalks
 - Asphalt Patching, Grinding, Mud Jacking

Condition Prior to Sidewalk Maintenance



Sidewalk Maintenance – Asphalt Patching



Sidewalk Maintenance – Grinding



Sidewalk Maintenance – Mud Jacking



Completed Renewal

(Without Support of Sidewalk Reconstruction)



Completed Renewal

(With Support of Sidewalk Reconstruction)





For More Information Contact:

Loli Fernandez, P.Eng.

*Neighbourhoods, Roadways Design
Roads Design & Construction Branch*

Phone: 780-423-3869

E-mail: loli.fernandez@edmonton.ca