



# *Welcome!*

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*West Jasper Place  
Neighbourhood Renewal  
Information Session*



# *Overview of the Neighbourhood Renewal Program*

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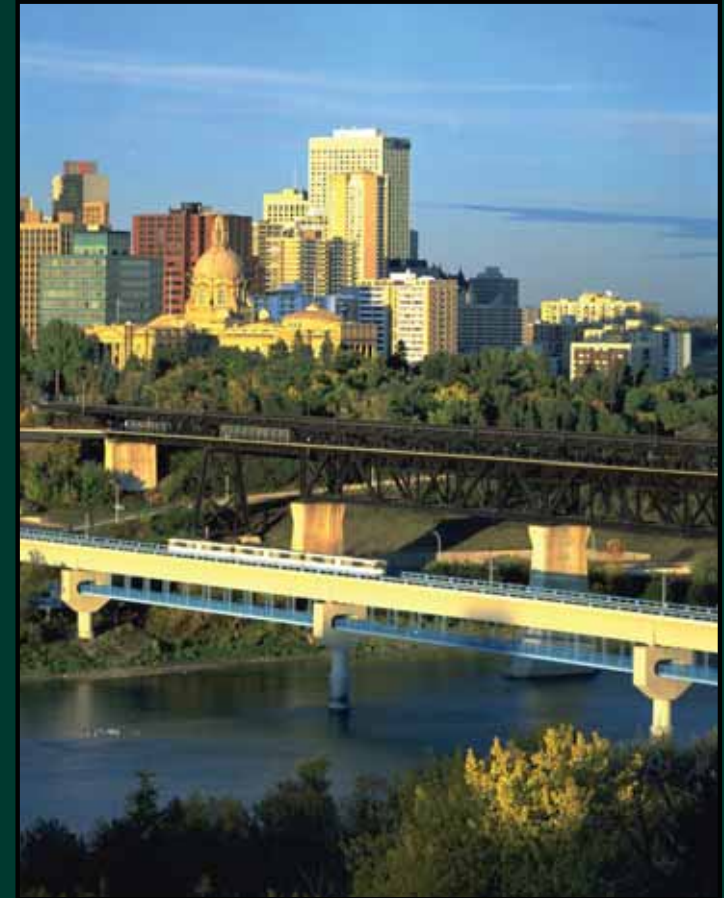
*Presented By: Loli Fernandez, P.Eng.*

West Jasper Place Information Session

January 26, 2011

# 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

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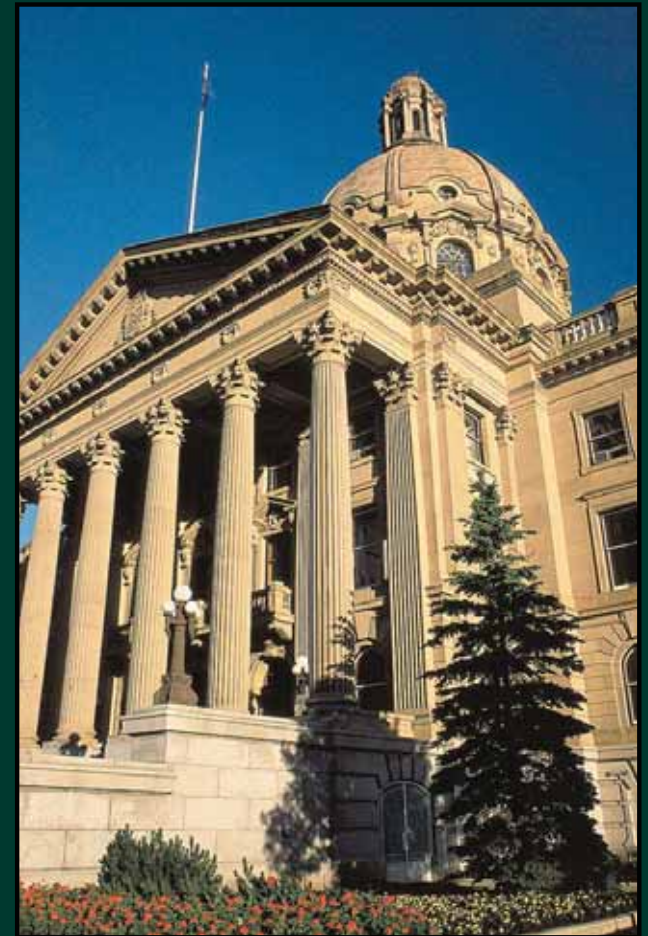
- Reconstruction:
  - Reconstruction of the Pavement
  - Extensive Replacement of Curbs and Sidewalks
  - Upgrading of Standard Street Lighting



# 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)

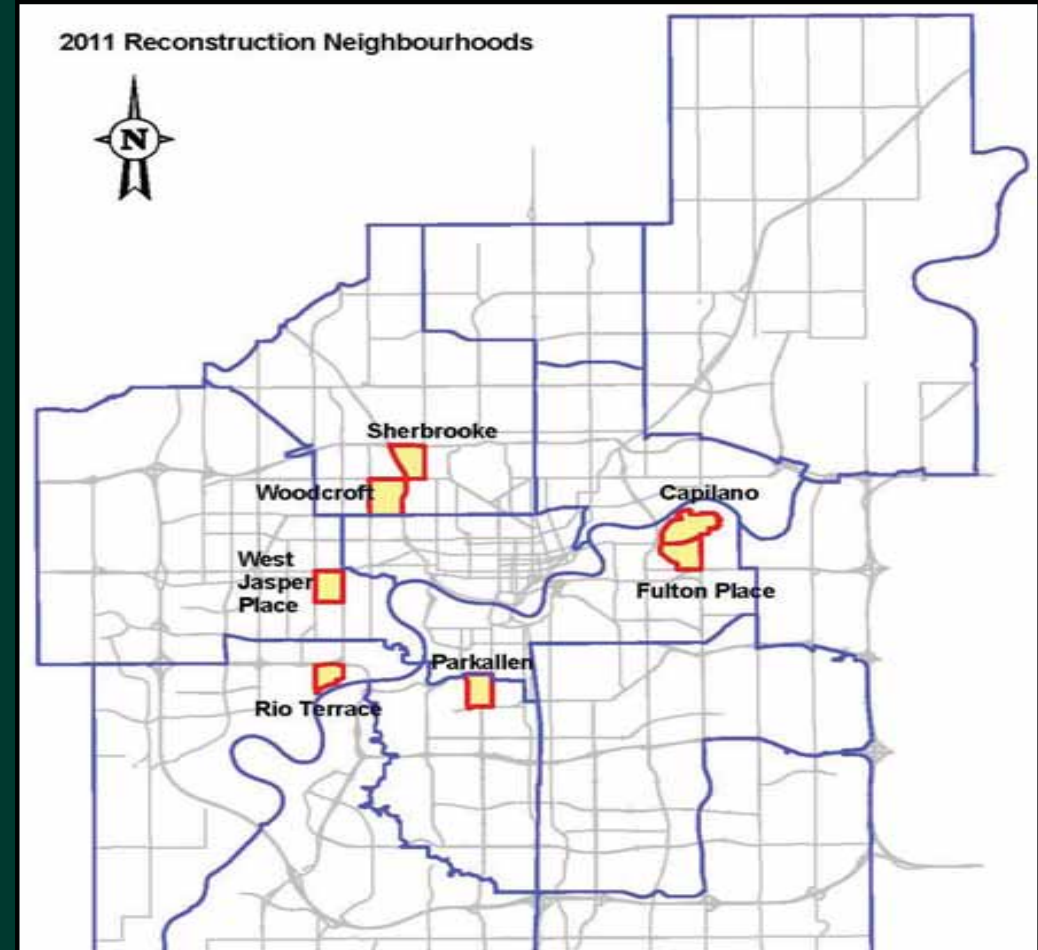
# Neighbourhood Renewal Funding Breakdown

<i><b>Infrastructure</b></i>	<i><b>Source</b></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

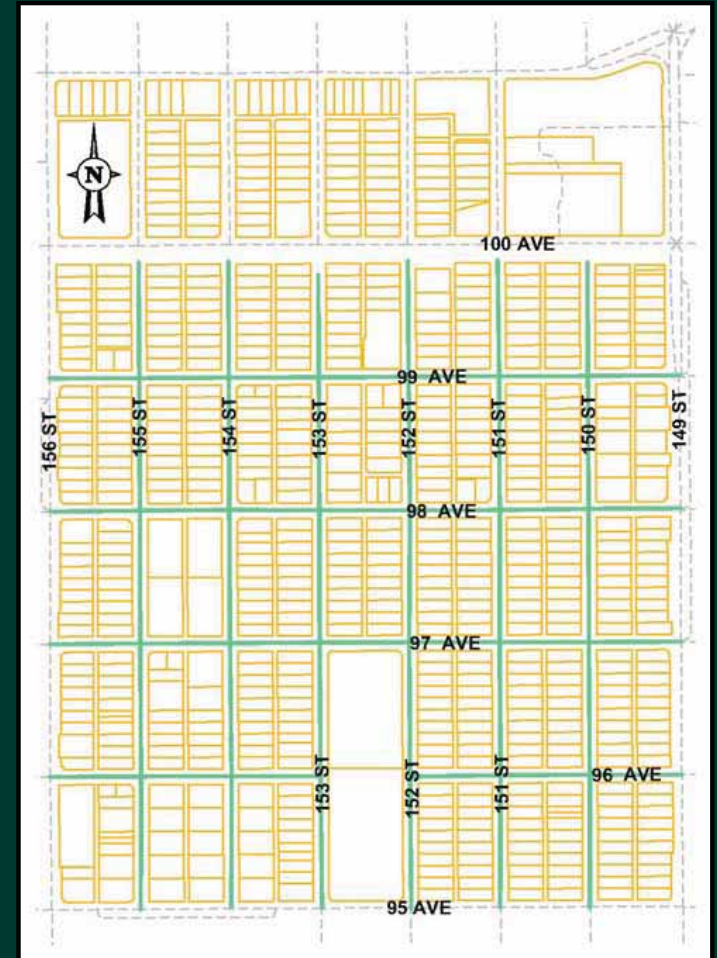
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- Average Condition of Pavement and Concrete
- Average Condition of Underground Infrastructure
- Coordination with Other Capital Projects
  - City (Internal)
  - External Agencies
- Available Funding

# 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

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- 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

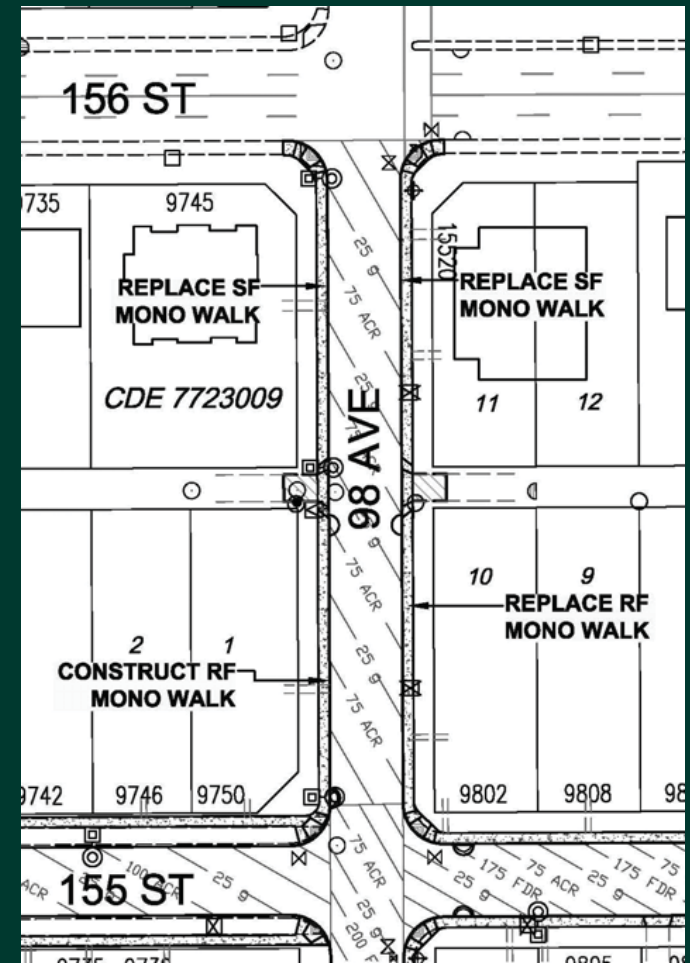


# West Jasper Place Design Consideration – Curb Type



# 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

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- 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



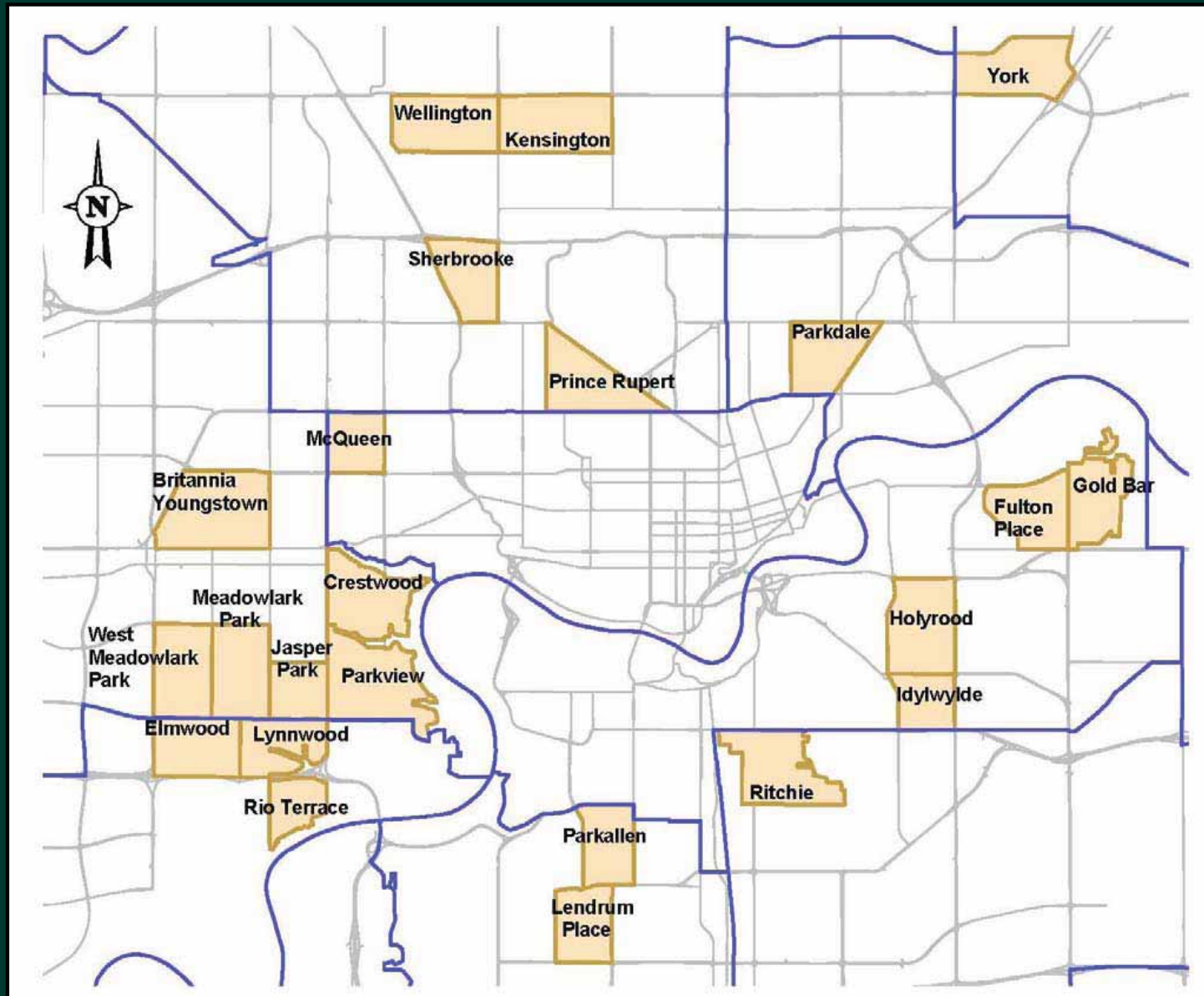
# 50/50 Cost Share Local Improvement for Sidewalks

- 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?

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- 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

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# Sidewalk Maintenance – Asphalt Patching

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# Sidewalk Maintenance – Grinding

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# Sidewalk Maintenance – Mud Jacking



# Completed Renewal (Without Support of Sidewalk Reconstruction)

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# Completed Renewal

(With Support of Sidewalk Reconstruction)

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# ***For More Information Contact:***

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