



Welcome!

Capilano Neighbourhood Renewal Information Session

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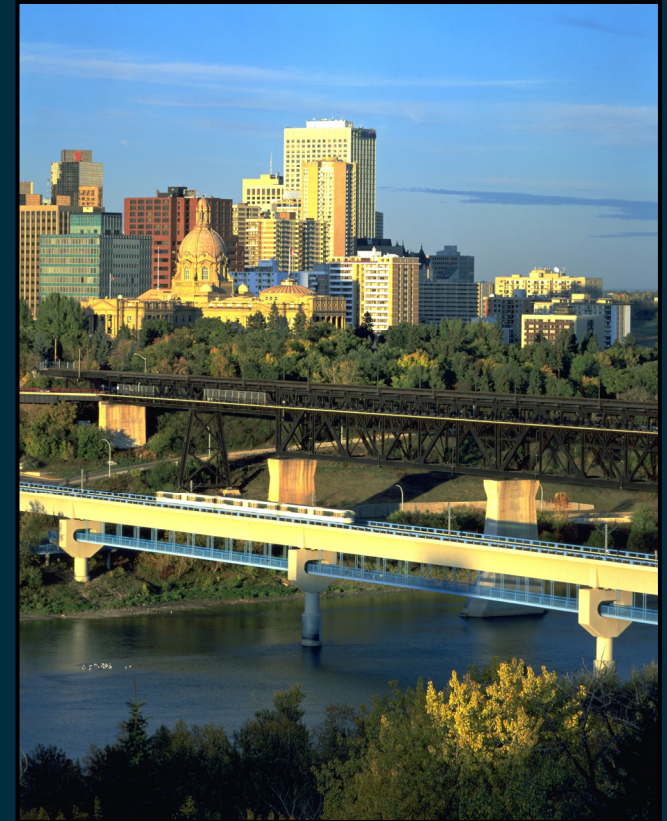


Overview of the Neighbourhood Renewal Program

Presented By: Annie Duong, 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:

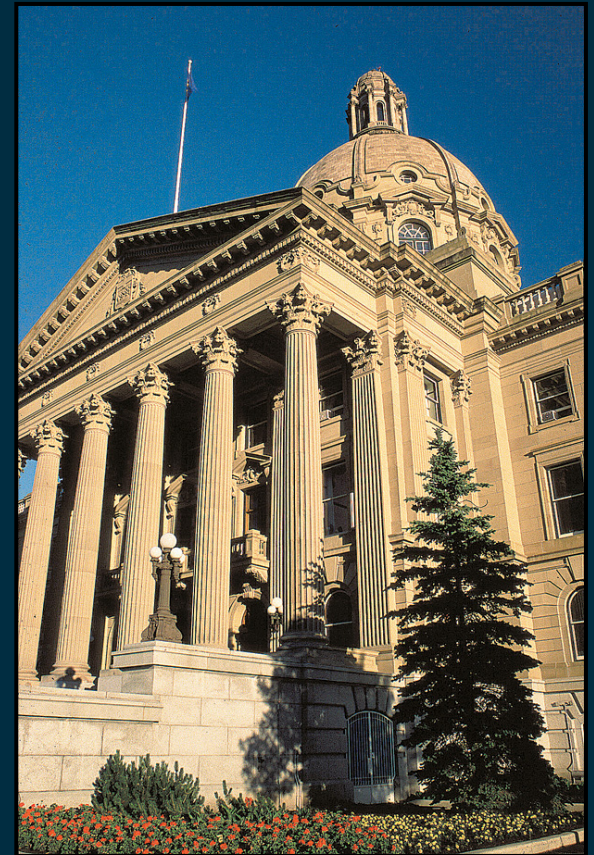
- Reconstruction of the Pavement
- Extensive Replacement of Curbs and Sidewalks
- Upgrading of Standard Street Lighting



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.*

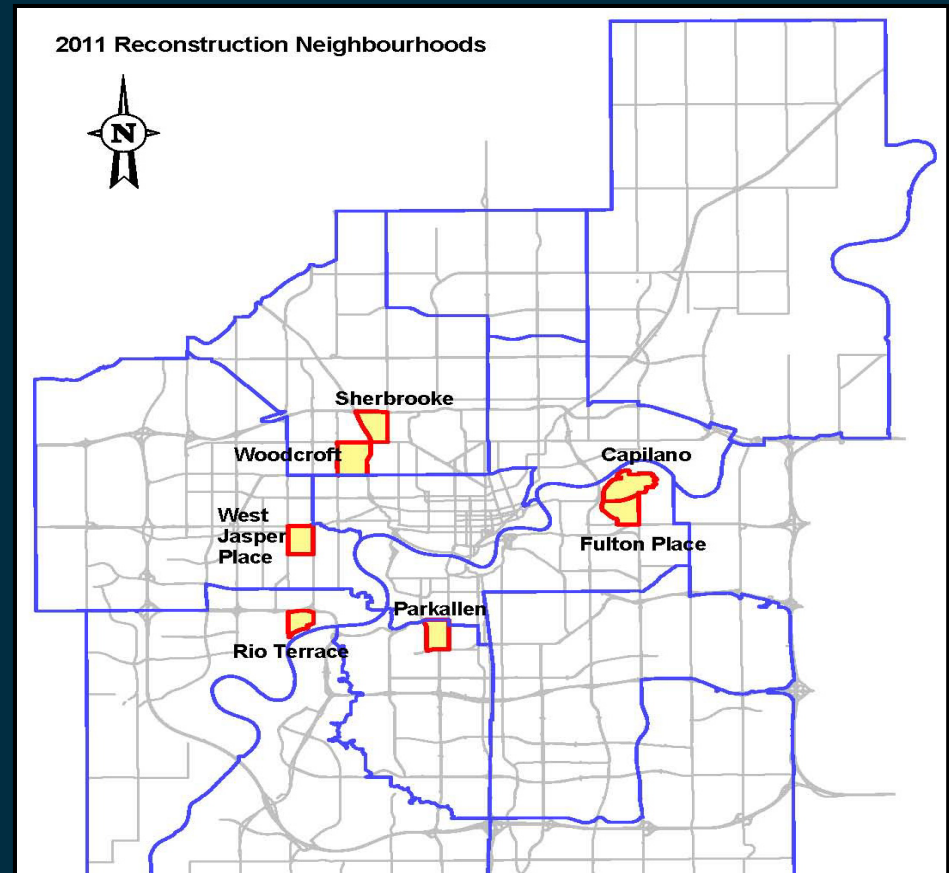
2011 Neighbourhood Renewal Reconstruction Scope

○ Year 1

- Capilano
- West Jasper Place
- Woodcroft

○ Year 2 (Completion)

- Fulton Place
- Parkallen
- Rio Terrace
- Sherbrooke



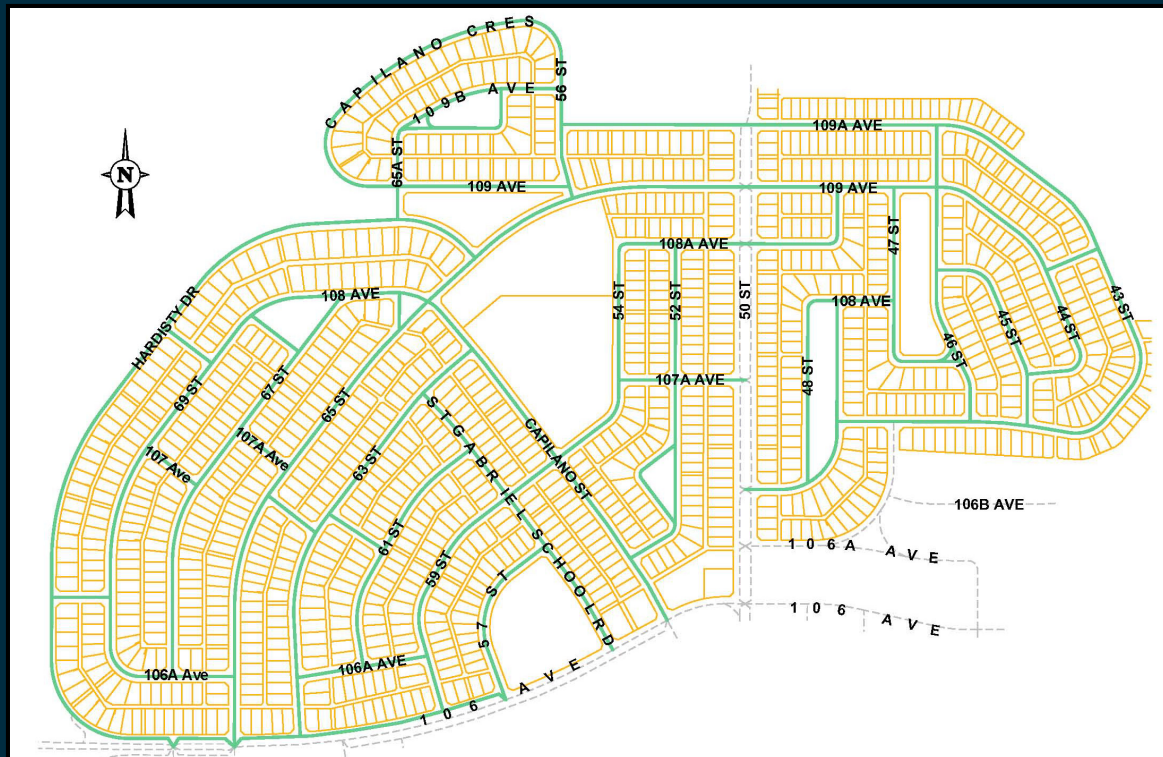
Neighbourhood Renewal Selection Criteria

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

Capilano

Current Infrastructure Conditions

- Age
 - ~49 Years Old (est. 1962)
- Pavement
 - Poor Condition
- Curbs
 - Poor Condition
- Sidewalks
 - Fair Condition



Capilano Neighbourhood Selection Criteria

- Sewer Rehabilitation Program (2011)
 - Spot Repairs
 - Service Replacements
 - Manhole Repairs
 - Relining



Capilano Design Considerations

- Meet Design & Construction Standards
- Select Curb and Gutter Type
- Address Operational Issues
- Address Accessibility Issues

Capilano

Design Consideration – Curb Type

- Rolled Face Curb
 - Installation: Local Roads
 - Exceptions:
 - Commercial Areas
 - Bus Routes
 - School Areas
 - Drainage Considerations
- Straight Face Curb
 - Installation: Collector Roads



Capilano Design Considerations – Curb Type (Cont...)

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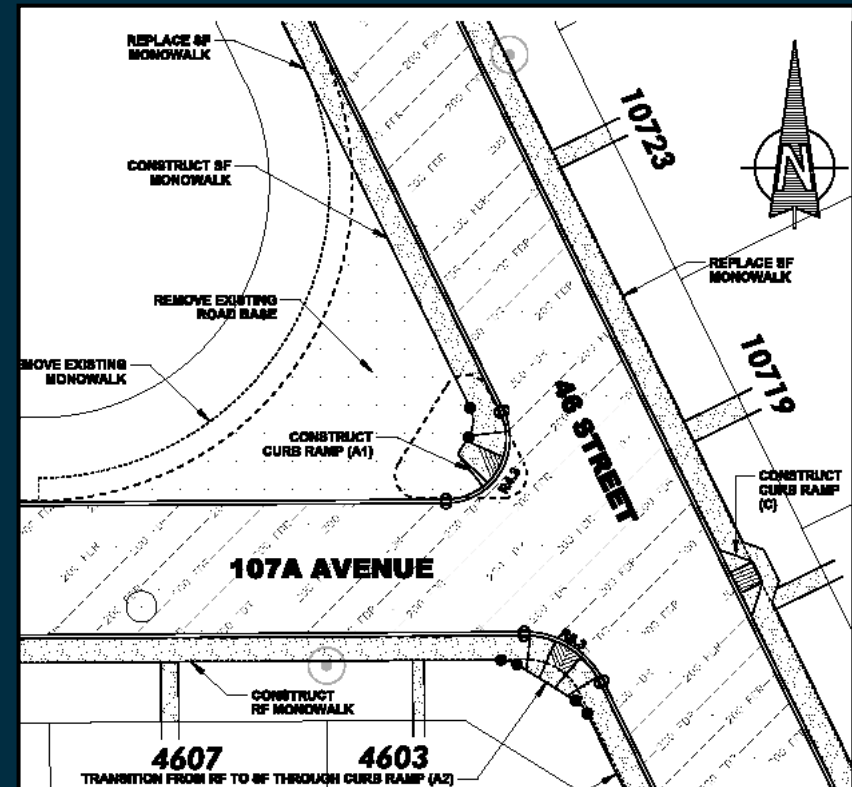


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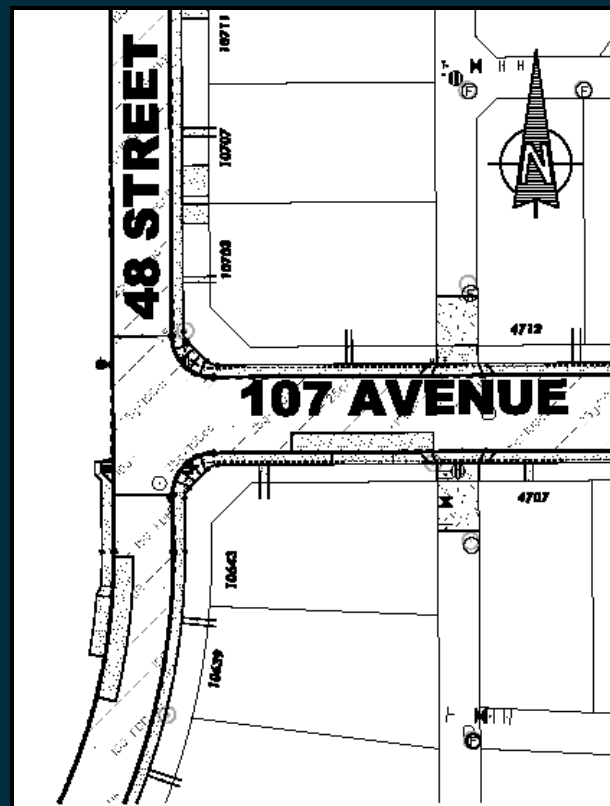
Capilano Design Considerations – Transportation Operations (Operational)

- Curb Extensions
- Intersection Redesign
 - Capilano Street / 65 Street
 - 107A Avenue / 46 Street



Capilano Design Considerations – Transportation Planning (Accessibility)

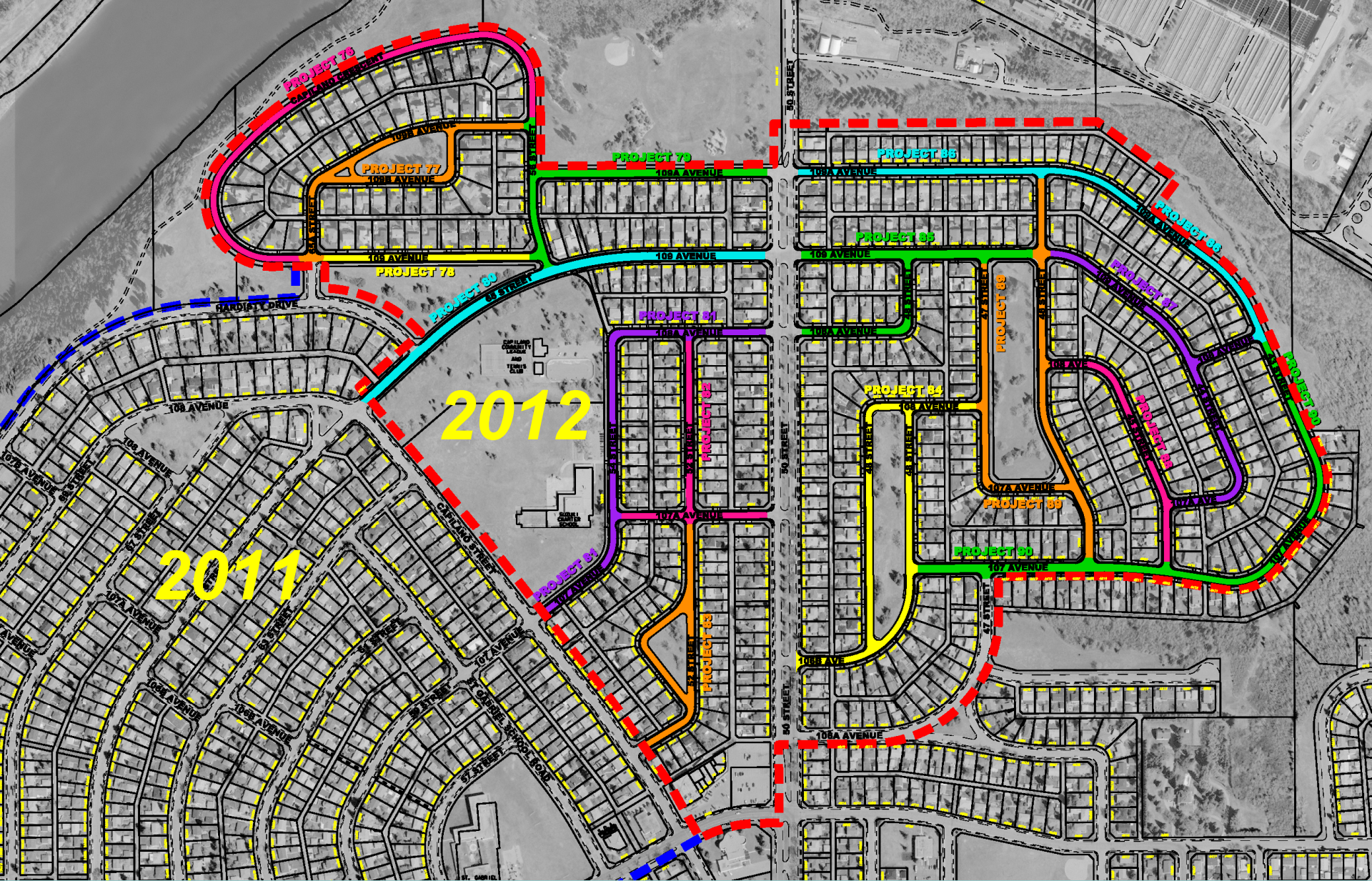
- Shared Use Path Connectors
 - Hardisty Drive
 - Capilano Crescent
- Bus Stop Connectors
 - 107 Avenue & 48 Street



Capilano 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





Capilano Neighbourhood Surface Cost Estimate

○ \$21.5 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

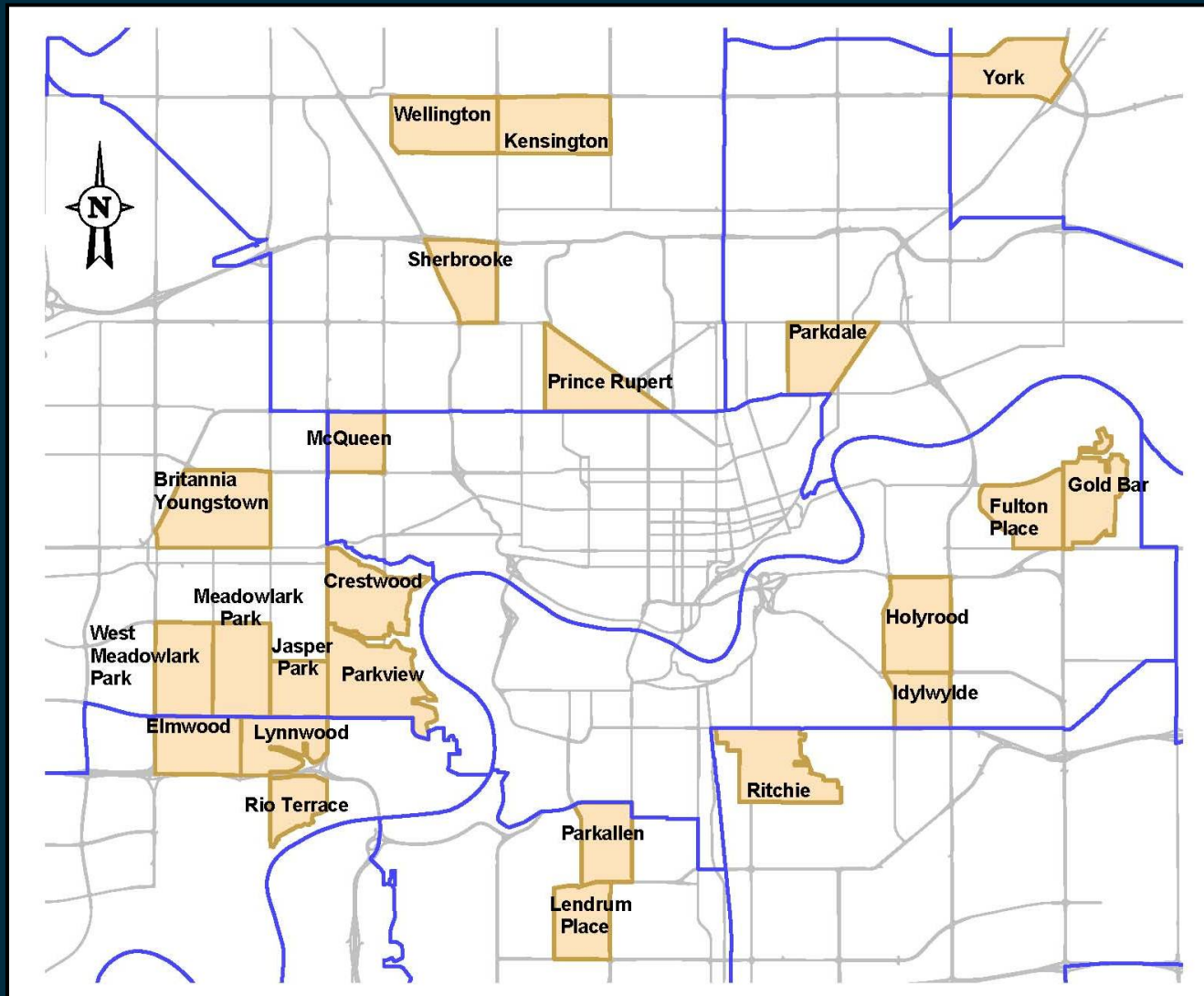
○ 1998

- Approved by City Council



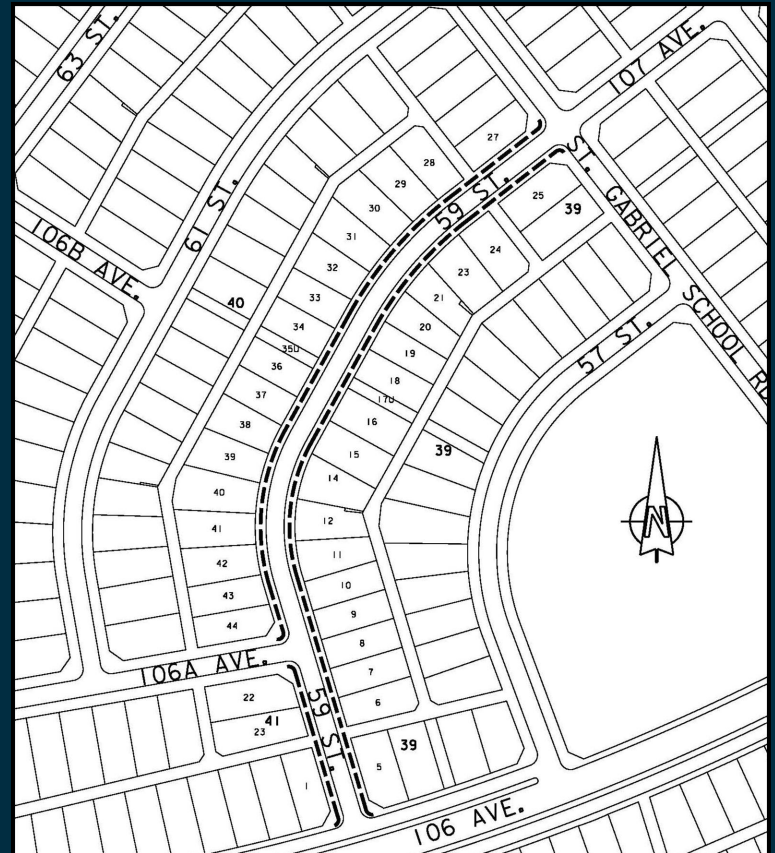
(Photo Courtesy of Dub Architects Ltd.)

Neighbourhoods with Sidewalk Reconstruction as a Local Improvement



50/50 Cost Share Local Improvement for Sidewalks

- 27 Distinct Projects in Capilano
- 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:

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