

# **Transportation Committee**

Report CR\_2855

Possible Additional Road Classifications

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# Report Origin

### August 19, 2015 Council Motion

- Arose during Community Traffic Management Plan discussions
- "That Administration provide a report on possible additional road classifications and how other large cities have adjusted road classifications to respond to changing traffic volumes and patterns, and how it can be applied to the City of Edmonton"

# Approach

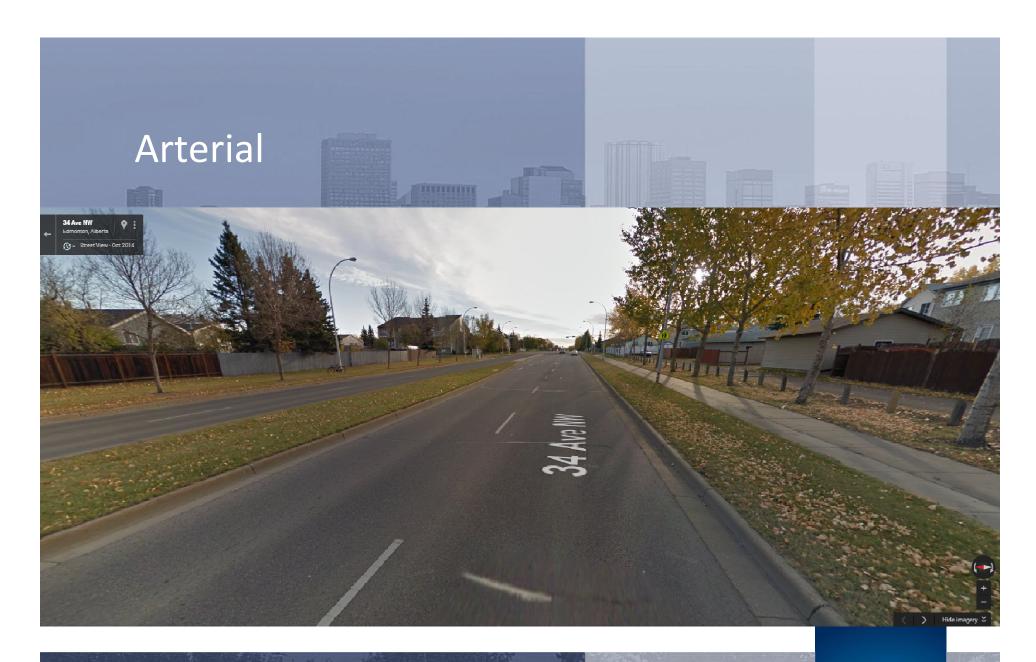
- Document application of Edmonton's classification system
- Research classification systems in other Canadian jurisdictions and interview their administration
- Interview internal stakeholders:
  - a. Application in different business groups
  - b. Influence on speeding, shortcutting & traffic volumes
  - c. Implications of change



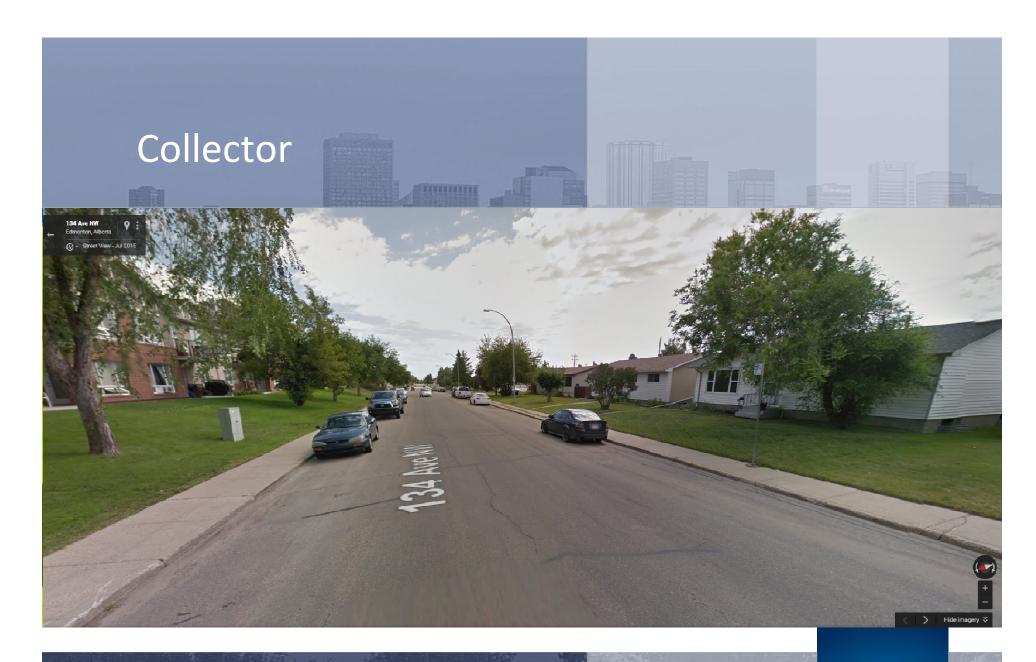
# **Edmonton Context**

- Current classification system:
  - o Freeways, Arterials, Collectors and Locals
  - O Complete Streets for context sensitive design
- Utilized for maintenance and renewal work processes
- Identified in statutory plans

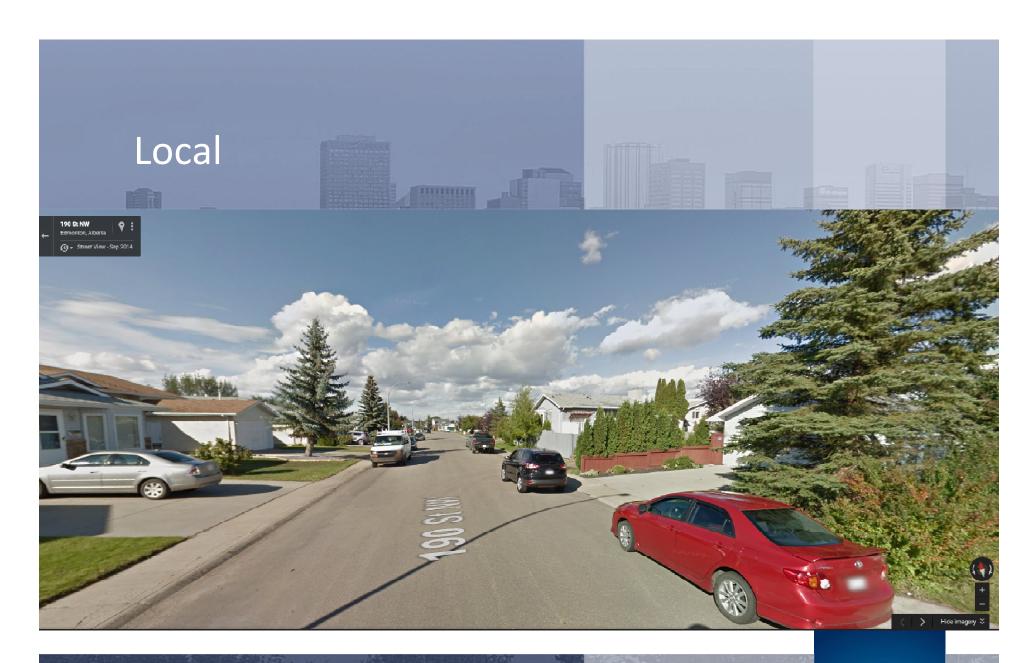




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## Other Canadian Cities

### Key Findings

- Current Classifications:
  - a. Range of classifications
  - b. Spectrum includes simple (major/minor designations) to more complex (Complete Streets)
- Purpose:
  - a. Solutions for greenfield development
  - b. Prioritize asset renewal or levels of maintenance

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a. Classifications are not a solution to managing traffic



# Internal Stakeholder Interviews

### Key Findings

- Speeding and shortcutting are influenced by:
  - a. Network connections (planning)
  - b. The "feel" of the roadway (design)
  - c. Education and enforcement (operation)

### Other Considerations

 Future Transportation System Bylaw 15101 amendment to include collector roadways



# Recommendation

Maintain current classification system and apply Complete Streets and Road Safety Strategy design principles to all new and reconstruction roadway projects.