

Active Transportation: Corridor Improvements

February 2023

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Project background

- The City of Edmonton is expected to grow to two million people in the coming decades
- The **City Plan** recognizes the need to meet current and future mobility demands with safe and convenient transportation options for all users (walking, cycling, wheeling, taking public transit and driving)
- Active transportation networks must be enhanced and expanded



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Project scope

- Planning and design of active transportation infrastructure along the following arterial corridors:
 - Fort Road - 127 Avenue to 153 Avenue
 - 127 Street - Yellowhead Trail to 137 Avenue
 - 106 Street - Princess Elizabeth Avenue to 118 Avenue
 - 102 Avenue - 136 Street to 139 Street
 - 100 Avenue - 102 Street to 103 Street
- All locations are identified as either future routes or missing links in the City's **Bike Plan**
- There is currently no timeline for construction

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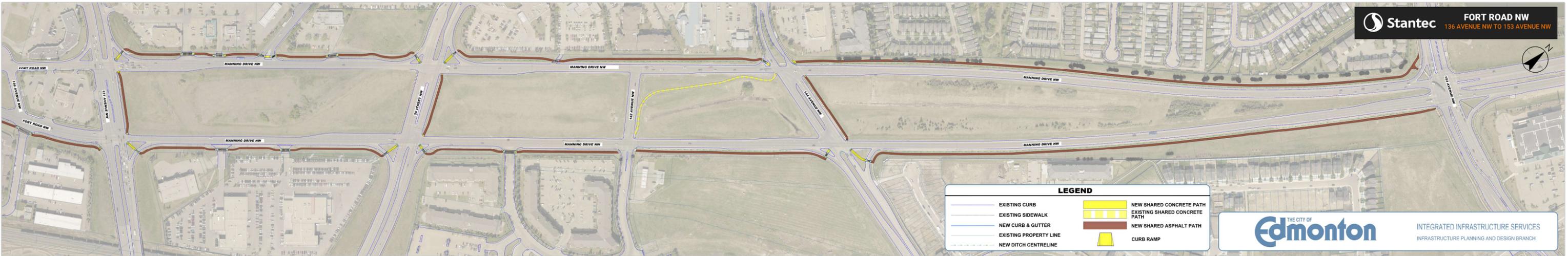
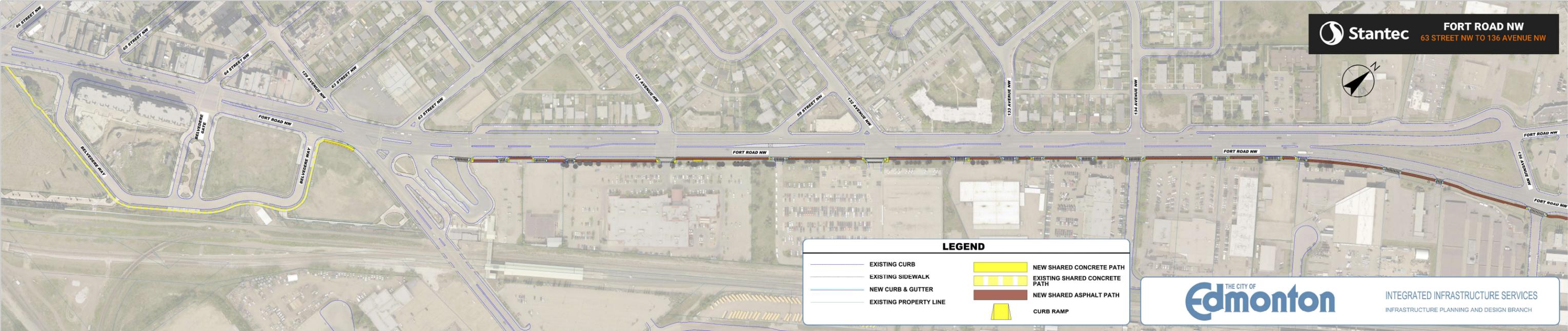
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Fort Road - 127 Avenue to 153 Avenue

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Fort Road design



Fort Road design

- **Shared pathways** on **east side** of Fort Road from 129 Avenue to 153 Avenue
- **Shared pathways** on **west side** of Fort Road from 137 Avenue to 153 Avenue
- Includes short east-west connections between the two pathways along the north sides of 137 Avenue, 50 Street, and 144 Avenue
- North of 50 Street, ditches will be realigned, with the pathway on the far side of the ditch from the roadway

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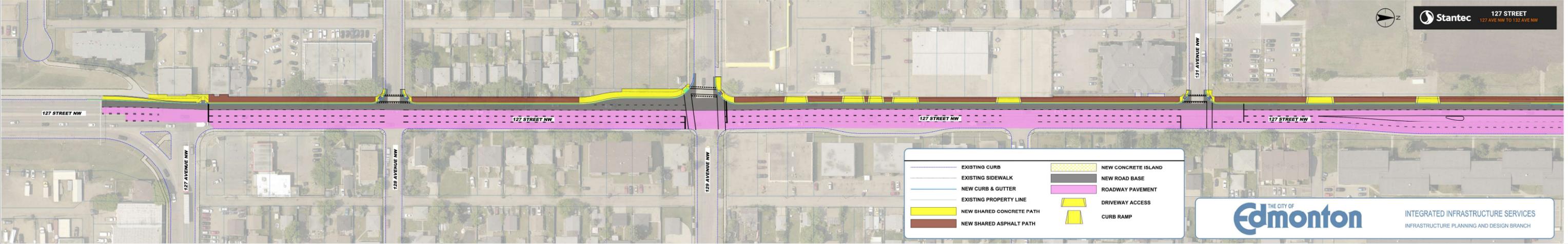
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127 Street - Yellowhead Trail to 137 Avenue

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127 Street design



127 Street design

- **Shared pathway** along the **west** side of 127 Street from 127 Avenue to 137 Avenue
- Requires narrowing and reconstruction of southbound lanes
- Requires realignment of west retaining wall at 127 Avenue intersection to rectify existing pinch point

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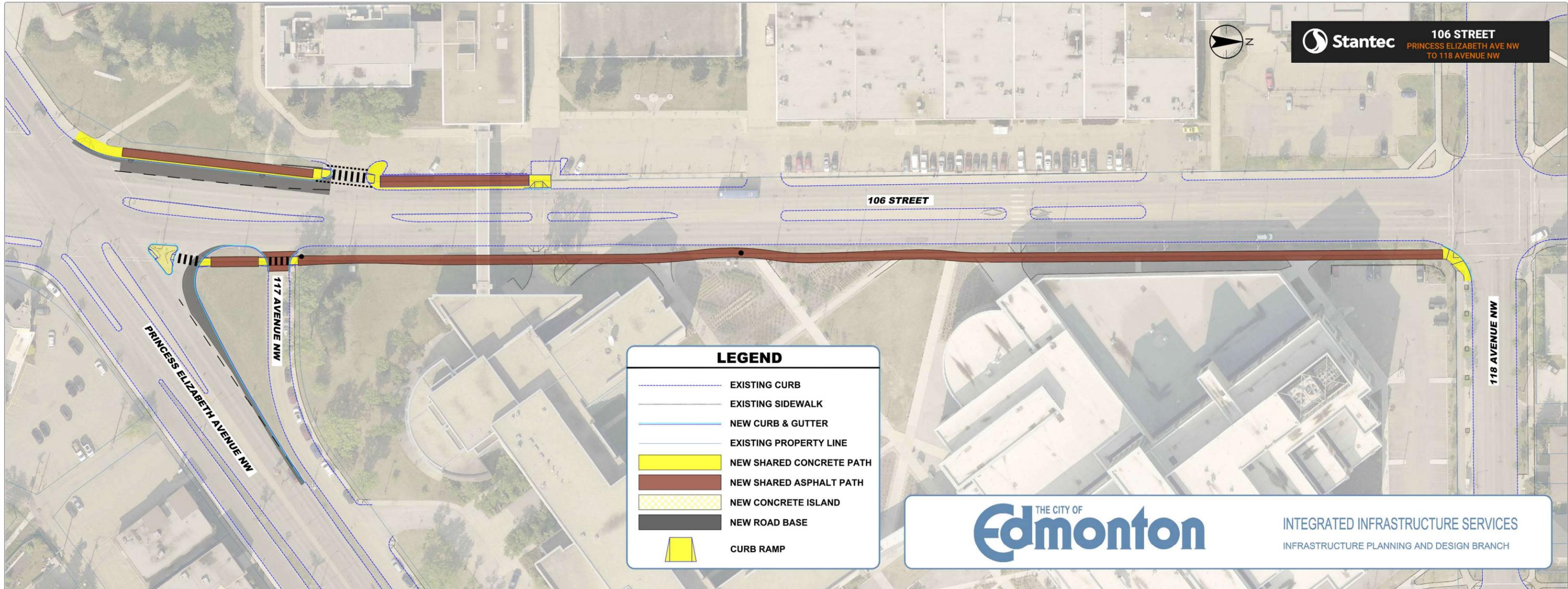
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106 Street - Princess Elizabeth Avenue to 118 Avenue

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106 Street design



106 Street design

- **Shared pathway** along the **east** side of 106 Street from Princess Elizabeth Avenue to 118 Avenue
- **Shared pathway** along the **west** side of 106 Street from Princess Elizabeth Avenue to the existing pedestrian crossing approximately 140m to the north
- Reconstruction of the westbound right turn lane at the 106 Street / Princess Elizabeth Avenue intersection

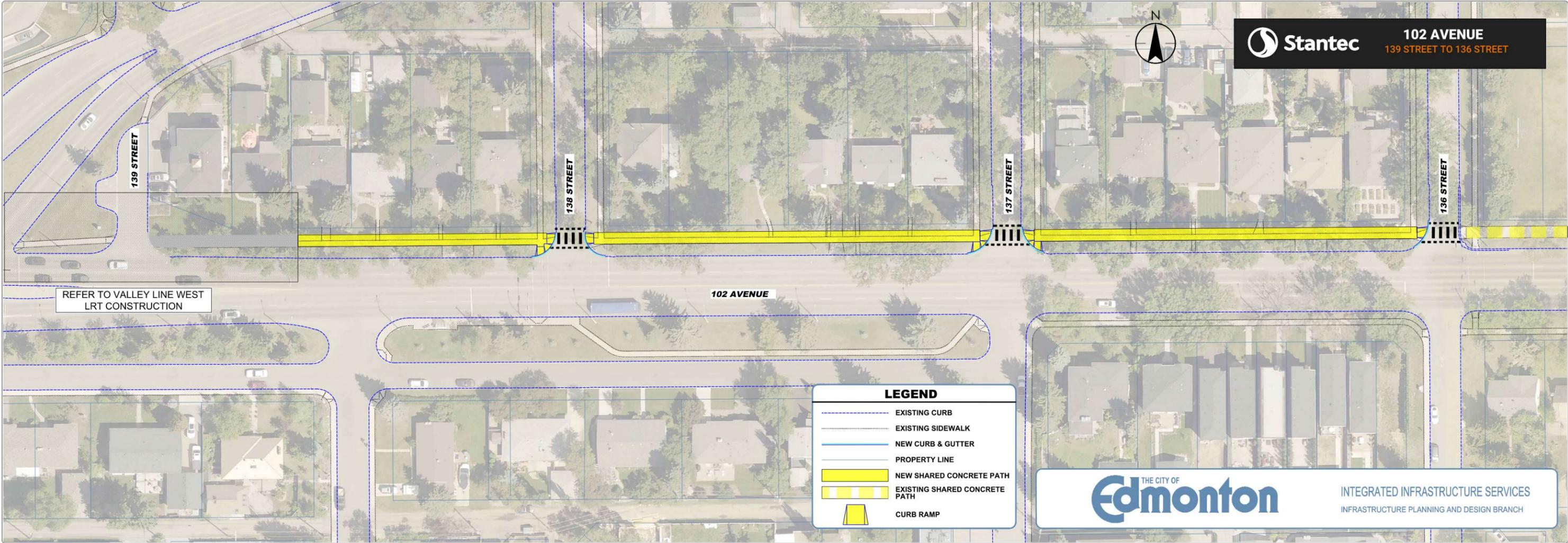
102 Avenue - 136 Street to 139 Street

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102 Avenue design



102 Avenue design

- **Shared pathway** along the **north** side of 102 Avenue from 136 Street to 139 Street
- Future coordination required with the Valley Line West LRT to the west
- No changes to the roadway

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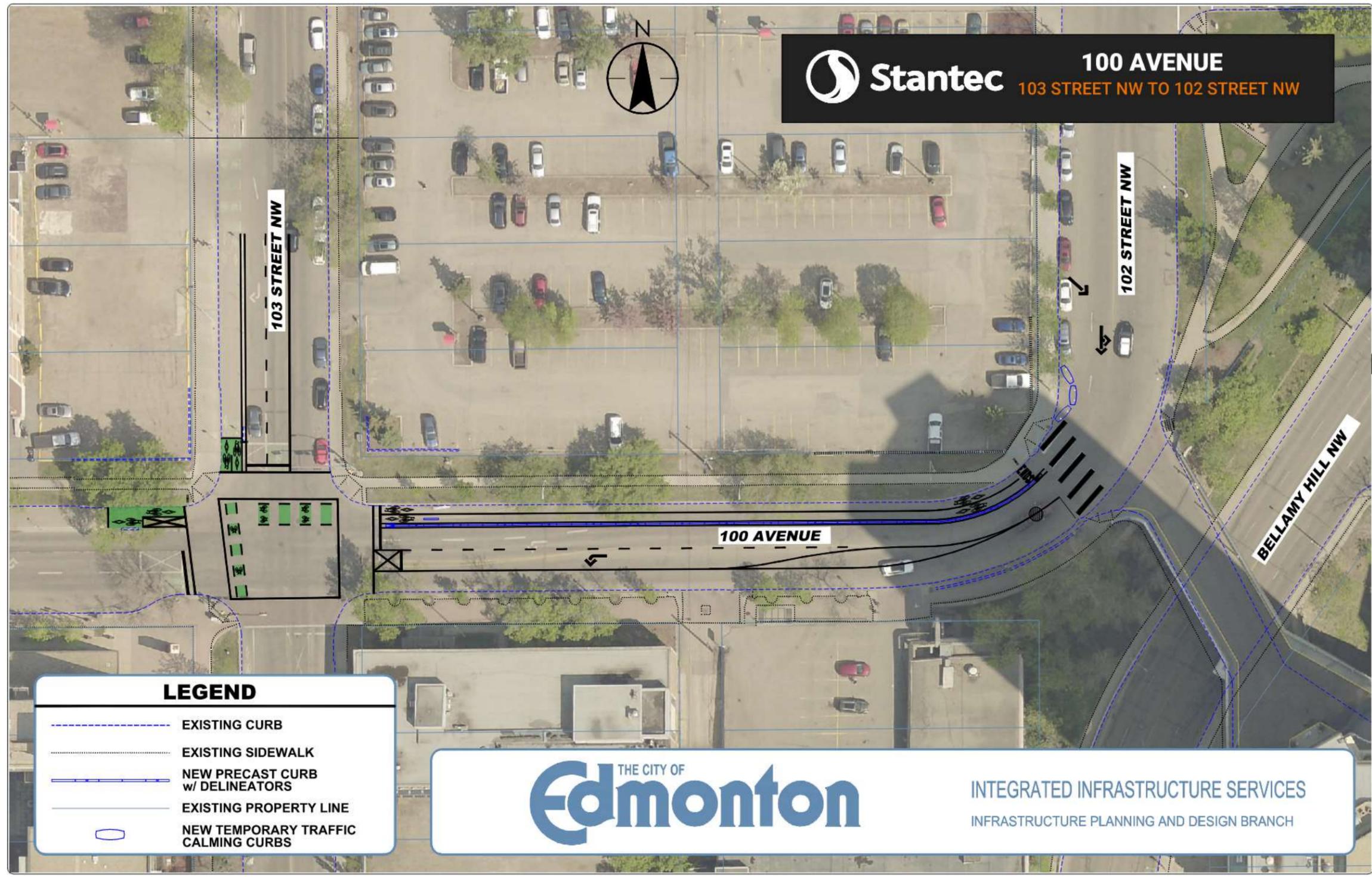
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100 Avenue - 102 Street to 103 Street

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100 Avenue design



100 Avenue design

- **Protected two-way bike lane** along the **north** side of 100 Avenue from 102 Street to 103 Street
- Requires narrowing of lanes
- Future coordination required with future mobility projects to the east
- Intersection improvements at the 103 Street intersection, including new bike boxes and high visibility bike conflict pavement markings on the west and north legs.

Next steps

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Next steps

- Timelines for detailed design and construction of the project will be confirmed

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Thank you

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