

MNA Top Locations and Composite Bundles

The application of the Mobility Network Assessment (MNA) prioritization process yielded a list of locations which best align with the City’s strategic direction and offer varied opportunities to improve mobility for multiple transportation modes. In examining the list of locations, the following groupings emerged:

- Mobility Network Assessment Top Locations - these are locations with high strategic alignment, are multimodal and support development. Locations that overlapped with current mass transit concept planning were omitted as they will be addressed through that work.
- Composite Programs: These programs identify multiple locations of a similar type that provide localized improvements.
 - Roads Capacity and Intersection Improvements
 - Transit Priority Measures Improvements
 - Active Transportation Infrastructure

A list of the top MNA locations plus top locations within the composite bundles is provided in the tables below. Top locations for the Transit Priority Measures Composite bundle will be informed by the March 23, 2026, City Operations report, CO02980 - Advancing Bus Rapid Transit and Transit Priority Measures. Top locations for the Active Transportation Infrastructure will be informed by the update to the Active Transportation Implementation Guide which will be provided to City Council through a memo Q3 of 2026.

Table 1 - Composite Bundles and Descriptions

Composite Program	Sub-Grouping	Description
Roadways	Capacity	Road capacity improvements include projects where roads are at capacity and experiencing congestion during peak periods. Locations are identified in Table 2. Next steps for this bundle would include planning and design to evaluate opportunities for vehicle capacity improvements along these roadways.
Roadways	Multi-modal Improvement	Multi-modal projects can address a combination of vehicle operational improvements as well as active mode and/or a transit improvement. Multi-modal project locations that overlapped with current mass

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		<p>transit concept planning were omitted.</p> <p>Next steps for this bundle would include planning and design to evaluate opportunities for smaller scale improvements.</p>
Roadways	Intersection Improvement	<p>Intersection improvements include project bundles, where small scale improvements are not sufficient and physical measures such as additional turn lanes may be required.</p> <p>Next steps include planning and design to evaluate opportunities for improvements.</p>
Transit Priority Measures	Transit Priority Measures	<p>Transit improvements include measures that improve operational efficiency such as transit priority signals or queue jumps at key intersections.</p>
Active Transportation	Active Transportation, wayfinding, Missing Sidewalks, curb ramps, etc.	<p>Infrastructure improvements to improve active transportation safety, wayfinding connectivity and accessibility including traffic calming, curb ramps and other intersection improvements.</p> <p>Implementation of missing sidewalks in priority locations.</p>

Table 2 - Mobility Network Assessment Top Locations - highest alignment with City Plan Objectives

Project Bundle	Segment or Intersection
124 Street / Wihkwentowin PGA	Jasper Avenue to 107 Avenue 124 Street/102 Avenue 116 Street/100 Avenue
127 Street	Yellowhead Trail to 137 Avenue 127 Street/137 Avenue 118 Avenue to Yellowhead Trail
Jasper Avenue	109 Street to 102 Street 105 Street/Jasper Avenue 104 Street/Jasper Avenue

Table 3 - Roadway Capacity Composite Bundle Top Locations

Project Bundle	Segment or Intersection
215 Street	Stony Plain Road to Whitemud Drive 215 Street/Secord Boulevard 215 Street/Webber Greens Drive 215 Street/Whitemud Drive
41 Avenue SW	James Mowatt Trail to Highway 2 41 Avenue/James Mowatt Trail 41 Avenue/Allard Road
Parsons Road	19 Avenue to 91 Street SW Parsons Road/Ellerslie Road

Table 4 - Roadway Multimodal Improvements Composite Bundle Top Locations

Project Bundle	Segment or Intersection
Ellerslie Road/Highway 2	109 Street to Parsons Road Interchange: Ellerslie Road and Highway 2
137 Avenue	119 Street to 93 Street
170 Street	87 Avenue to 107 Avenue

Table 5 - Roadway Intersection Improvements Composite Bundle Top Locations

Project Bundle	Segment or Intersection
101 Street	101 Street and 111 Avenue
Stony Plain Road PGA	Stony Plain Road and 163 Street
231 Street/Stony Plain Road	231 Street and Stony Plain Road
Manning Drive/50 Street	Manning Drive and 50 Street

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Fort Road/137 Avenue	Fort Road and 137 Avenue
137 Avenue/St Albert Trail	137 Avenue and St. Albert Trail
118 Avenue/Groat Road Roundabout	118 Avenue and Groat Road
Westmount	111 Avenue and 142 Street 107 Avenue and 142 Street
Whyte Avenue East	Intersections on Whyte Avenue between 83 Street and 75 Street
41 Avenue E	41 Avenue SW and 50 Street SW
Garneau - PGA	86 Avenue and 109 Street 87 Avenue and 114 Street