

Arterial Roadway Widening Within Top 100 MNA Locations

The arterial roadways listed in Table 1 are roadway widenings up to 4 lanes under City obligation that address vehicle capacity. These arterial roadways were identified within the top 100 MNA locations. Their priority within the roadway capacity improvements composite bundle is listed in Attachment 2. An estimated construction cost is provided for each arterial road widening city commitment.

Table 1. Design Status and Order of Magnitude Construction Cost of Arterial Roads

Segment ¹	From	To	Order of Magnitude Construction Cost ²
215 Street	Stony Plain Road (Hwy 16A)	Whitemud Drive	\$30 - 40 million
41 Avenue SW	Highway 2	James Mowatt Trail	\$30 - 40 million
Parsons Road	19 Avenue NW	91 Street SW	\$35 - 45 million ³
34 Street	76 Avenue	Sherwood Park Freeway	\$8 - 10 million
66 Street	Ellerslie Road SW	23 Avenue	\$50 - 60 million ⁴
167 Avenue	59a Street	66 Street	\$8 - 10 million
66 Street	167 Avenue	158 Avenue	\$15 - 17 million
153 Avenue	Manning Dr	Anthony Henday Drive	\$40 - 50 million

1 - Several arterial roadway widenings under City obligation were not included as they were not identified within the Top 100 MNA locations.
 2 - Not to be used to set budgets. Cost estimate ranges are high level and strategic in nature. Design is required to fully understand scope and complexity of each project. The estimates do not take into account nuances with utility coordination, requirements from other partners (such as Government of Alberta), or other unknown factors.
 3 - Structural work and coordination with Province at underpass with Anthony Henday Drive required.
 4 - Including an additional bridge over Anthony Henday Drive.

Table 2 provides select arterial roadway characteristics such as length of corridor, the Annual Average Weekly Daily Traffic (AAWDT) and the travel time impact to commuters during peak travel times. The latter is an indication of the additional time commuters experience to travel along that corridor during the peak period versus non-peak time.

Table 2. Arterial Roads Characteristics

Segment	From	To	Length of Corridor (km)	Road Volume (AAWDT) ^{1,2}	Travel Time Impact to Commuters ³
215 Street	Stony Plain Road (Hwy 16A)	Whitemud Drive	3.5	21,465	Significant
41 Avenue SW	Highway 2	James Mowatt Trail	3.3	29,273	Significant
Parsons Road	19 Avenue NW	91 Street SW	3.4	20,425	Significant
34 Street	76 Avenue	Sherwood Park Freeway	0.4	15,534	Minimal
66 Street	Ellerslie Road SW	23 Avenue	3.3	16,969	Significant
167 Avenue	59a Street	66 Street	0.8	19,302 ⁴	Minimal
66 Street	167 Avenue	158 Avenue	1	24,447	Minimal
153 Avenue	Manning Dr	Anthony Henday Drive	3.9	14,686	Moderate

1 - Annual Average Weekly Daily Traffic is an indication of the volume of traffic utilizing each corridor and were collected between 2024-2025

2 - Volumes of vehicles along this corridor vary due to the length and number of access and represent the highest documented volume.

3 - "Significant" is characterized by 100 or more additional hours experienced by commuters during the peak period, "Moderate" is characterized by 45 - 100 additional hours experienced by commuters during the peak period and "Minimal" is characterized by less than 45 but above average additional hours experienced by commuters during peak period. Assessment is based on data collected September - November 2025.

4 - Annual Average Weekly Daily Traffic volumes were not available for this location. Volumes presented are from a single count location.