

Traffic Signals Program Initial Assessment

Administration conducted an initial assessment of the 2023 Traffic Signals program, as compared to 2013. Over the last decade, the population and size of Edmonton have increased, as have the number of intersections, traffic control devices and projects. Staff positions supporting this growth have remained the same for most of this period.

- An intersection is defined as where two or more roads connect, or where two differently named streets meet. This does not include intersections such as alleyways that intersect roads or entry and exit points on freeway ramps.
- The traffic control device inventory includes devices such as full signals, half signals, amber flasher crosswalks, rapid flashing beacon crosswalks and Intelligent Transportation System devices.
- Traffic signal projects can include new construction, rehabilitation, retiming, signal upgrades, lifecycle management and Intelligent Transportation System projects.

	2013	2023	% Change
Population	847,712	1,087,803 (2022)	28%
Geographic area (square kilometres)	685 (2016)	765 (2021)	12
Number of intersections	16,278	17,708	9%
Number of FTE positions	26	30	15%
Traffic Control Device Inventory Count (approximate)	1,300	1,900	46%
Number of Traffic Signal Projects	91	200	120%