Project: The City of Edmonton is currently working on improvements to the southbound right turn design from Scona Road to Saskatchewan Drive. The primary purpose of this project is to enhance pedestrian safety while maintaining efficient traffic movements throughout this intersection.

Construction: Targeted for 2018 construction season
Project History:

2014  Edmonton City Council passed a motion at Transportation Committee to investigate how to enhance pedestrian safety at the Saskatchewan Drive and Scona Road/99 Street intersection

2014–2015  Two independent traffic safety assessments were initiated to study the intersection

2015  Meetings were held in the community regarding the implemented and future safety measures

Additional concerns were raised by the community regarding safe accommodations of pedestrians and cyclists at the west leg of the intersection

2015–2016  A new concept sketch for intersection redesign was prepared and presented at the Public Open House in January 2016

2016  The concept sketch design and a summary of other recommended countermeasures were presented to the Transportation Committee

2017–2018  Additional modifications to the concept were completed and the final recommended design presented on April 19, 2018

2018  Construction target

2015  Recommended countermeasures including driver feedback signs, additional signal head, and bus stop relocation were implemented
Design Features:
- Modification of the southbound to westbound right turn radius;
- Signalization of the southbound to westbound right turn lane;
- Removal of the multi-staged pedestrian crossing;
- Extension of the southwest corner of the intersection, eliminating eastbound to southbound right turn.

Benefits of the proposed southbound to westbound right turn modification:
- Tighten the existing radius resulting in vehicle speed reduction;
- Increased visibility for pedestrian, cyclists and for southbound travelling vehicles;
- Increased pedestrian crossing safety at the west leg of the intersection.

Benefits of the modified southwest corner:
- Reduced overall pedestrian crosswalk distance;
- With the removal of the Northwest island, this modified corner retains some visual guidance for southbound vehicles for lane continuity and traffic operations.
Traffic Impacts:

During the PM peak, it will take on average 30 seconds longer to travel from north of 95A Avenue through the Saskatchewan Drive - 99 Street intersection for southbound right turning vehicles;

During the PM peak, the average queue length is expected to increase between 50 m - 120 m compared to the existing condition for the southbound right turning lane;

Removal of the eastbound to southbound right turn may increase traffic along the neighbourhood roads. This project is coordinating with Building Great Neighbourhoods (BGN) and the Community Traffic Management Group. These cases will be taken into consideration to mitigate/improve neighbourhood roads during the 2019-2021 neighbourhood renewal.