

107 Avenue

LONG-RANGE PLANNING STUDY

OCTOBER 2015

PROJECT UPDATE

The recommended concept plan for 107 Avenue from 130 Street to 170 Street is now complete and is available for review on the project website at edmonton.ca/107AveStudy. Highlights of the plan include:

- 4 travel lanes maintained with intersection improvements
- New sidewalk and shared use path all along the corridor
- 142 Street Traffic Circle is replaced with standard signalized intersection

This project update looks at the steps taken by the project team from the March 2015 Open House to the finalization of the recommended concept plan.

The March Open House presented proposed plans including intersection improvements, access changes, a new shared-use path design and improvements to pedestrian connections. Participants' feedback was gathered through a feedback form, from notes written directly onto the plans, an online survey and by using an "idea chart" that registered participants' reactions to the plans.

A May 2015 [What We Heard](#) information sheet summarized areas or topics of concerns and how the project team was addressing those concerns.

Several action items were still outstanding at the time of the May update and the following chart summarizes the steps taken by the project team from May to September.

KEY ISSUES ALONG THE CORRIDOR		
TOPICS	OUTSTANDING ACTION ITEMS FROM MAY 2015	RESULTS
Access closures at 131, 149 and 156 Streets	The project team is working with directly affected residents and business owners to mitigate any impacts and will maintain these closures in the recommended plan.	The project team worked with directly affected residents and business owners resulting in some design changes to these closures. The changes can be reviewed in the recommended concept plan.
Additional access closures	Corridor accessways were reviewed with respect to 2013 Access Management Guidelines.	107 Avenue at 149 Street - northside and southside access to service roads closed. These closures will improve traffic flow at the intersection. To compensate for the restricted access, the southside service road will be extended to the backlane. Access from 107 Avenue to six business areas will close as they are too close to the intersections. Each business area has alternate accessways.

KEY ISSUES ALONG THE CORRIDOR

TOPICS	OUTSTANDING ACTION ITEMS FROM MAY 2015	RESULTS
Proposed changes at the 135 Street and 136 Street intersections	Based on public feedback at the Open House, it was decided that the intersections would not be reconfigured and that full signals should be added to each intersection.	The redesign of the two intersections including the addition of a new traffic light at 136 Street is now reflected in the recommended concept plan. Traffic Operations will coordinate signal timing at both intersections.
Traffic Noise	Project staff to work with Traffic Operations to identify and implement appropriate noise impact studies.	A detailed noise study will be carried out at the preliminary design phase of the project.
107 Avenue overpass over Groat Road	Consultation with ETS has resulted in a lane change on the overpass.	One eastbound through-lane on the Groat Road overpass to become a designated bus lane with new bus priority signals at traffic lights. This lane ends after the overpass.



View: Eastbound 107 Avenue at turn off to Groat Road ramp. The lane on the right side of the photo, after the ramp, to become the designated bus lane.

PROJECT BACKGROUND

In Spring 2013, the City of Edmonton began a concept planning study of 107 Avenue with the goal to improve the safety and operation of the route as it may experience future traffic flow changes with the addition of the Valley Line LRT along 102 Avenue/ Stony Plain Road. The focus of the concept planning process was to:

- Assess the need to widen the roadway
- Review pedestrian crossings
- Identify missing sidewalk and shared-use path connections
- Evaluate the operation of intersections
- Assess access and turn bay requirements

Significant public consultation and traffic analysis in 2014 led to the decision to split the project into two - 109 Street to 130 Street and 130 Street to 170 Street – in order to better address the unique traffic issues of each section. An Open House in March 2015 presented proposed plans for the 130 Street to 170 Street portion of this project. Participants' feedback was gathered and used in the refinement of the recommended concept plan along with further consultation with internal City of Edmonton departments, impacted residents and business owners and additional technical analysis.

NEXT STEPS

The recommended concept plan has been posted on the project website. This project is currently unfunded with unknown construction timelines.

FOR MORE INFORMATION

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