

105 Avenue Corridor Streetscape Project - Columbia Avenue (S. McKeen)

Recommendation:

That the June 7, 2017, Integrated Infrastructure Services report CR_4484, be received for information.

Report Summary

This report provides an update on the status of the 105 Avenue Corridor Streetscape project. The details in this report include total cost, timelines and limitations for the remaining project, as well as design considerations to separate the bike lanes.

Previous Council/Committee Action

At the February 7, 2017, City Council meeting, Councillor S. McKeen made the following inquiry:

That Administration provide a report on the status of the 105 Avenue Corridor Streetscape project, including:

- The proposed phases that need to be completed and their corresponding timelines.
- Any limitations that might prevent finishing the project in a timely manner.
- The total cost of the remaining project.
- If there has been consideration of the installation of materials to separate the bike lane, as vehicles have been frequently parking in no-park zones on top of the bike lane between 116 Street and 119 Street.

Report

Project Status Update

In 2004, the City of Edmonton prepared a redevelopment plan for the Downtown North Edge area. The plan provided a framework for the transition of the area to a mixed-use community that identified the 105 Avenue corridor as an integral part of the supporting infrastructure. A preliminary design plan for 105 Avenue from 97 Street to 119 Street was completed in 2006 that included provision for separated bike facilities and an expanded pedestrian environment to support the reduced setback land use.

In 2012 City Council approved an initial \$7.4 million of funding for design and construction of the 105 Avenue Corridor Streetscape first stage, east of 119 Street extending to 116 Street. The first stage was prioritized based on the opportunity to coordinate along with private redevelopment projects in the study area as well as coordinate with drainage upgrades along the corridor. At that same time, the

preliminary design was also updated between 109 Street and 116 Street to better align with the City's Transportation Master Plan and Walkable Edmonton Strategy.

In addition, the portion between 102 Street and 105 Street was funded and constructed in 2015 as part of the Metro Line project. A temporary link of shared use path on the south boulevard between 101 Street and 102 Street will also be constructed in 2017 to connect users to 101 Street until the ultimate streetscape design can be constructed.

During the construction of the 116 to 119 Street section, project delays occurred due to coordination efforts to bury overhead utilities. In some cases, property owners were required to complete significant work to their buildings to accommodate underground private services. In addition, due to space constraints in the road right-of-way, joint placement of shallow utilities was required. For future construction, additional time will be planned to allow for joint utility relocations and corresponding alterations that may be required on private property.

Total Cost of Remaining Project

The spring 2017 Spring Capital Budget Adjustment (approved by City Council May 9, 2017 - CR_4496) included a request for funding to update and complete the design for the project. This funding was approved as part of the "Infrastructure Planning and Design" composite.

Once the preliminary design and construction estimate are updated, a capital profile will be prepared for Council's consideration as part of the 2019 to 2022 capital budget. The current estimate based on the most recent design is approximately \$20 million (+/- 30%).

The preliminary design update will begin in fall 2017 and if the project is approved in 2019-2022 capital budget, utility relocations would start in 2019 with phased roadway reconstruction beginning in 2020. This work will be coordinated with the Central McDougall Neighbourhood Renewal construction.

Separated Cycling Facility Consideration

Administration is aware of the recent challenges to street operations between 116 and 119 Street and have posted new signage to identify the bike lanes recently installed. Parking enforcement has also been working to address illegal parking in the bike lanes. These lessons learned will be applied as part of the update to the preliminary design.

In addition, monitoring being conducted will inform an analysis to consider design and operating measures to prevent vehicles from encroaching into the bike lanes. These modifications are currently being explored in coordination with other measures along 105 Avenue as part of the Downtown Bike Grid Network currently being installed.

Policy

The project aligns with *The Way Ahead* by transforming Edmonton's urban form and transportation modes, by encouraging development and residential density along the corridor and creating a more pedestrian/active mode friendly environment.

It is in alignment with the City's **Transportation Master Plan** (*The Way We Move*) and **Walkability Strategy** by promoting modal shift and economic vitality. It also aligns with *The Way We Grow* by promoting urban design, complete, healthy and livable communities and integrated land use and transportation.

Corporate Outcomes

The 105 Avenue Corridor Streetscape project supports the following corporate outcomes:

- Edmonton is attractive and compact
- The City of Edmonton has sustainable and accessible infrastructure
- Edmontonians use public transit and active modes of transportation

Public Engagement

Public engagement was conducted during the development of preliminary design for the streetscape project. Efforts to continue public engagement for the design and construction of remaining phases along 105 Avenue will be planned as the design and delivery work progresses.

Budget/Financial Implications

As indicated in the report, the current estimate is approximately \$20 million and the project will be considered as part of the 2019-2022 capital budget process.

Metrics, Targets and Outcomes

Metrics	Targets	Outcomes
Expand the network of high quality cycling infrastructure	Complete the remaining 2km along 105 Avenue	<ul style="list-style-type: none"> • A total of 850m of cycling infrastructure along 105 Avenue was completed in 2016 • Completion of the project will expand the network of high quality cycling infrastructure by 2.85km

Others Reviewing this Report

- T. Burge, Chief Financial Officer and Deputy City Manager, Financial and Corporate Services
- R. G. Klassen, Deputy City Manager, Sustainable Development
- D. Jones, Deputy City Manager, City Operations