

Dudley Street Neighbourhood Bikeway

ISSUE

As part of the development of a complete and connected bicycle network for all ages and abilities, proposed designs for active transportation improvements on Dudley Street from Dawes Avenue to Spadina Crescent were developed in consultation with the community through the Neighbourhood Bikeways Project.

RECOMMENDATION

That the Standing Policy Committee on Transportation recommend to City Council that the Dudley Street Neighbourhood Bikeway be approved in principle.

BACKGROUND

At its Regular Business Meeting held on June 27, 2016, City Council approved the Active Transportation Plan (AT Plan). As part of the AT Plan, the City committed to the following action item under the theme of connectivity: “Develop a complete and connected bicycle network for all ages and abilities.”

To work towards achieving this action item, Urban Systems Ltd. was retained to develop conceptual designs for active transportation facilities on the following corridors:

- 3rd Avenue North from 25th Street East to 2nd Avenue North;
- 29th or 31st Street West from the Circle Drive underpasses to Idylwyld Drive North;
- 14th Street East from Saskatchewan Crescent East to Cumberland Avenue South;
- Dudley Street from Dawes Avenue to Spadina Crescent West; and
- Victoria Avenue from 8th Street East to Taylor Street East (conceptual designs developed by Administration).

The AT Plan identified 11th Street West as a future All Ages and Abilities (AAA) cycling route; however, Dudley Street was selected as an alternative corridor to 11th Street West due to its relatively low traffic volumes and only local truck traffic. Dudley Street provides a direct connection between the existing multi-use path on the west side of Dawes Avenue and the Meewasin Valley trail system adjacent to Spadina Crescent on the east.

At its Regular Business Meeting held on March 25, 2019, City Council received a report regarding the Active Transportation Implementation Plan, and resolved, in part:

- “1. That the Active Transportation Implementation Plan be endorsed with the exception of the elements pertaining to the Downtown AAA Network, which is the subject of a future report to City Council; and”

The implementation strategy included five key components:

- Integration with standard practice
- Leverage other projects

- Shelf-ready projects
- Leverage all funding opportunities
- Measure and report progress

At its Regular Business Meeting held on June 29, 2020, City Council received the Saskatoon Transportation Strategy – Infrastructure Plan report, and resolved, in part;

- “1. That the list of prioritized transportation projects be approved in principle;
2. That the information within the report of the General Manager, Transportation and Construction dated June 1, 2020, be included in the next multi-year budget cycle; and”

The Neighbourhood Bikeways project, including Dudley Street, was included on the list of prioritized transportation infrastructure projects.

Technical Services division has an asset preservation project planned for a portion of Dudley Street. The scope of this work includes microsurfacing along Dudley Street between Avenue X and Avenue W in 2021 and shallow reconstruction between Avenue W and Avenue P in 2022.

DISCUSSION/ANALYSIS

Current Status

To improve active transportation along Dudley Street from Dawes Avenue to Spadina Crescent, the recommended design for the corridor includes:

- Pedestrian and cyclist-activated signals.
- Multi-use pathway on the south side of Dudley Street from Dawes Avenue to Avenue P South.
- Neighbourhood Bikeway on Dudley Street from Avenue P to Spadina Crescent which will feature:
 - Cyclists riding on street in mixed traffic;
 - Curb extensions;
 - Raised crosswalk;
 - Filling gaps in the sidewalk network (pending further feasibility); and
- All existing on-street parking will be maintained.

Engagement

An open house was held on March 5, 2020 for the Dudley Street Corridor as part of the Neighbourhood Bikeways Project to identify challenges and opportunities. Designs were developed based on the feedback received at the open house and presented to the public at an online meeting held on August 19, 2020.

Project Report

The Neighbourhood Bikeways Project – Dudley Street Corridor Report is provided as Appendix 1.

FINANCIAL IMPLICATIONS

The total estimated cost for construction of the Dudley Street corridor is summarized in the following table:

Item	Estimated Cost
Multi-use pathway	\$ 598,000
Bikeway improvements	\$ 592,670
Sidewalks	\$1,112,475
Traffic calming measures	\$ 79,040
Miscellaneous (traffic control, drainage, etc.)	\$ 57,200
Engineering	\$ 244,000
Total	\$2,683,385

Currently funding is in place for detailed design, but not construction.

OTHER IMPLICATIONS

There are no privacy, legal, or social implications identified. Supporting Active Transportation is a key initiative in the Low Emissions Community Plan. This project will support the lowering of harmful emissions by providing a safe alternate mode of transportation.

NEXT STEPS

1. Detailed design and cost estimate refinement completed in the first quarter of 2021.
2. Provide detailed design to Technical Services (Asset Preservation) for integration with their plans and further refinement of the cost estimate.
3. Include the project in the funding plan for transportation infrastructure for the next budget cycle.
4. Apply for alternate sources of funding if applicable and available.
5. Once funding is secured construction will proceed.

APPENDICES

1. Neighbourhood Bikeways Project – Dudley Street Corridor Report

Report Approval

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