

Report to Council



Date: May 16, 2022
To: Council
From: City Manager
Subject: Stewart Road West Improvements
Department: Integrated Transportation

Recommendation:

THAT Council receives for information, the report from Integrated Transportation dated May 16, 2022, with regards to the Stewart Road West Improvements;

AND THAT all costs related to the Stewart Road West improvements be funded from \$80,600 taxation from 2022 Roads Renewal budget and \$439,400 funding from DCC Roads Sector B Reserve;

AND THAT the 2022 Financial Plan be amended as necessary to accommodate the Sector B Top Lift Paving – DCC – Stewart Road West Improvements

Purpose:

To identify and allocate funding for Stewart Road West resurfacing and improvements.

Background:

As part of the 2022 resurfacing program, Stewart Road West from South Perimeter Road to Crawford Road was identified as a priority resurfacing project to address poor pavement strength and condition. Repaving was planned to be undertaken leading up to the opening of South Perimeter Road.

The resurfacing works are identified as being within the scope of the Sector B Top Lift Paving project within the DCC program. The scope of the improvements is described below:

- Top lift of asphalt, and painted bike lanes, on Stewart Road W between Crawford Road and the south terminus of Stewart Road W, at South Perimeter Road.
- Curb, gutter, boulevard, on the west side of Stewart Road W from Crawford Road to ~200m south of Crawford Road.

Funding is requested to improve safety and to address both resurfacing and historic deficiencies consistent with the scope of the Sector B Top Lift Paving DCC Project.

Discussion:

The opening of South Perimeter Road will increase traffic volumes on Stewart Rd W. These proposed works will address current infrastructure deficiency and mitigating identified safety concerns.

Stewart Rd West 3 Interim Improvements, north of Crawford Rd

For context, concurrent improvements are also being delivered north of Crawford Rd under a separate budget in preparation for the opening of South Perimeter Road. These improvements provide interim mitigation of identified safety challenges on historic segments of Stewart / Casorso roads with sub-standard road alignment, geometrics and intersection configurations.

These include:

- alignment adjustments on Stewart Rd W through its intersection with Crawford Rd.
- 5.5km of shoulder / other lane markings, and updated bike lane stencils
- new &/or adjusted road signs
- road edge delineators
- barrier reflectors
- Intersection lighting

Financial/ Budgetary Considerations:

Total costs associated with the Stewart Road West improvements, between SPR and Crawford, are anticipated to be \$520,000. Funding for the improvements includes a transfer of taxation from the 2022 Roads Renewal budget with additional funding from the DCC Sector B reserve. Costs and funding are summarized below:

Sector B Top Lift Paving – DCC – Stewart Road West Improvement	
Taxation, budget item - 2022 Roads Renewal (2083) at 15% assist	\$80,600
Roads Sector B DCC (R742) reserve at 85%	\$439,400
Total project costs	\$520,000

Conclusion:

In order for the City to complete the necessary infrastructure renewal and mitigate potential safety challenges to the existing Stewart Road West network, and support the opening of South Perimeter road, staff recommend the Stewart Road West Improvements as outlined in the report.

Construction of the improvements are planned for late May.

Internal Circulation:

Financial Planning Manager
Budget Supervisor
Infrastructure Delivery Department Manager
General Manager, Infrastructure

Submitted by: C. Williams, Senior Transportation Planning Engineer

Approved for inclusion: M. Logan, Infrastructure General Manager

City Manager

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Attachment 1 – Stewart Road West Improvements Map

cc: General Manager, Infrastructure
Divisional Director, Corporate Strategic Services
Divisional Director, Financial Services
Divisional Director, Planning & Development Services