

# City of Mississauga Corporate Report



Date: June 4, 2021  To: Chair and Members of General Committee	Originator's files:
From: Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works	Meeting date: June 23, 2021

## Subject

**Matheson Boulevard East Streetlight Replacement Funding Requirements – Ward 5**

## Recommendations

1. That the report titled “Matheson Boulevard East Streetlight Replacement Funding Requirements – Ward 5”, dated June 4, 2021 from the Commissioner of Transportation and Works be received;
2. That capital project PN A20193 Cycling Program (Major Roads) – Scenario C be amended to a gross and net budget of \$3,720,000 to be funded from Capital Reserve Fund (Account # 33121);
3. That funding of \$1,250,000 be transferred from Capital Reserve Fund (Account # 33121) to PN A20193 Cycling Program (Major Roads) – Scenario C;
4. That all necessary by-laws be enacted.

## Background

The Investing in Canada Infrastructure Program (ICIP) COVID-19 Resilience Infrastructure stream was announced in 2020. The City of Mississauga submitted several projects to the ICIP program for funding, including “Construction of Cycle Tracks, MUT and Foot Bridges”. The total approved funding provided for this specific project is \$7,758,000.

The design and construction of cycle tracks on Matheson Boulevard East between Creekbank Road and Commerce Boulevard is among the discrete projects included within the approved ICIP project “Construction of Cycle Tracks, MUT and Foot Bridges”. These cycle tracks are to be located within the boulevard, and in order to be constructed, utilities and other obstructions need to be relocated to make room for them.

Detailed design and condition surveys of the streetlighting on Matheson Boulevard East have revealed that simply relocating individual streetlights to make room for the cycle tracks is not feasible without a larger system rebuild. The addition of the cycle tracks will require adequate illumination so that light levels can be achieved in accordance with American National

Standards / Illuminating Engineering Society RP-8-18 standards. This results in the removal of the existing direct buried poles, which must therefore be replaced in order to comply with warranty conditions. All rebuilds or replacements must also be transferred to a consistent 240 voltage, instead of a mixture of 240 and 347 volts, in order to adhere to safety regulations and safe electrical practices. Removal of 45 existing streetlights and installation of 89 new streetlights on Matheson Boulevard East within the project area is therefore required.

As per the program guidelines, projects approved under the ICIP COVID-19 Resilience Infrastructure stream are required to be substantially completed by December 31, 2021. Municipalities who do not meet this federal deadline will lose the opportunity to access funding.

## Comments

With funding for the required streetlighting to supplement the available ICIP funding for the cycling components, along with the available City funding for road resurfacing, construction of all roadway elements within the Matheson Boulevard East project limits can proceed in an appropriate sequence with a coordinated design. This will provide for the most efficient construction costing while also minimizing construction impacts to the Airport Corporate Centre area.

In order to fully leverage ICIP funding for the cycling components and complete the Matheson Boulevard East project in a timely manner consistent with deadlines set out by the Federal Government, additional funding to replace the streetlighting is required.

## Financial Impact

The total estimated budget requirement to fund the removal of 45 existing streetlights and installation of 89 new streetlights on Matheson Boulevard East between Creekbank Road and Commerce Boulevard is \$1,250,000.

It is recommended that budget for the streetlighting requirements be made available by increasing the gross and net budget of PN A20193 Cycling Program (Major Roads) – Scenario C by \$1,250,000 to a new gross and net budget of \$3,720,000 and that funding of \$1,250,000 be allocated from the Capital Reserve Fund (Account # 33121).

## Conclusion

The installation of cycle tracks on Matheson Boulevard East from Creekbank Road to Commerce Boulevard represents a significant investment in cycling infrastructure consistent with the Cycling Master Plan, and helps the City maximize Federal funding dollars available through the ICIP program. Securing funding to complete necessary streetlight replacements at the same time is the fiscally responsible choice for the City of Mississauga.

## Attachments

Appendix 1: Matheson Boulevard East Project Location



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Geoff Wright, P.Eng, MBA, Commissioner of Transportation and Works

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