



## REPORT TO MAYOR AND COUNCIL

**PRESENTED:** JUNE 24, 2019 - REGULAR AFTERNOON MEETING  
**FROM:** ENGINEERING DIVISION  
**SUBJECT:** TRANSLINK GRANT FUNDING FOR  
 200 STREET MATHESON CREEK  
 CULVERT REPLACEMENT PROJECT

**REPORT:** 19-100  
**FILE:** 5330-30-063

### RECOMMENDATION:

**That** Council authorize execution of a Grant Agreement with Translink as part of the 2019 Major Road Network Structures Program, to enable receipt of \$810,386 for the Matheson Creek Culvert Replacement project on 200 Street.

### EXECUTIVE SUMMARY:

Township of Langley staff submitted a grant application to the 2019 Translink Major Road Network (MRN) Structures Program for the 200 Street Matheson Creek Culvert Replacement project. The project met the program's eligibility criteria and was selected to receive program funding for \$810,386, based on the program's objective to "provide funding to local governments to keep bridge, culvert, and retaining wall structures along the MRN in a state of good repair".

The program offers funding up to a maximum of fifty percent (50%) of the total eligible design and construction costs. The remainder of project costs will be funded by the Township within the existing 2019 stormwater capital budget.

The 200 Street Matheson Creek Culvert Replacement project consists of repair and replacement of a twin corrugated steel pipe/wooden stave culvert crossing in the 6500 block of 200 Street. The design work is nearly complete and construction is planned for the 2019 Fisheries window commencing in August. The project is considered a high priority as the timing is critical to mitigate potential future culvert and consequential road failure, based on the age and condition of the pipe, and past experience.

### PURPOSE:

To seek Council's authorization for execution of a grant agreement to receive grant funding from Translink as part of the 2019 MRN Structures Program for the Matheson Creek Culvert Replacement Project in the 6500 block of 200 Street.

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**BACKGROUND/HISTORY:**

The Major Road Network (MRN) Structures Funding program supports rehabilitation of MRN Structures such as bridges, retaining walls, and culverts in municipalities across the province. The program allows municipalities to submit funding applications to fund capital projects which meet the eligibility criteria of the program. Applications for funding are evaluated and ranked based upon the risks identified and mitigated through completion of the Project. Four evaluation criteria are used to measure identified risks:

- Extent of Condition Deterioration; Structural/Safety Risk (Condition);
- Importance of the Route Served by the Structure (Importance);
- Reduction in Load Carrying Capacity (Operations and Safety); and
- Need for Seismic Upgrades (Seismic Vulnerability).

The program requirements also specify that projects must be duly authorized by a resolution of Council, approving the project and the municipality's cost-share of the project.

**DISCUSSION/ANALYSIS:**

It is recommended that Council approve the Translink grant funding for the 200 Street Matheson Creek Culvert Replacement project from the MRN Structure Funding program. Translink provided confirmation to staff June 4, 2019 that the project had been selected to receive Translink funding and has been identified as a high priority for the Township. A final funding agreement is anticipated by mid-June.

**Financial Implications:**

With the execution of the Agreement, existing funding in the Annual Stormwater Infrastructure Replacement Capital Account (STW1114) of \$1,210,000 and Translink funding of \$810,386 will provide the necessary funding of just over \$2M to undertake the project during the fisheries window in the summer of 2019, thereby mitigating potential failure of the current infrastructure.

Respectfully submitted,

Paul Sekhon  
WATER RESOURCES ENGINEER  
for  
ENGINEERING DIVISION

This report has been prepared in consultation with the following listed departments.

<b>CONCURRENCES</b>	
<b>Division / Department</b>	<b>Name</b>
FINANCE DIVISION	K. Sinclair