



2020 PROJECT FUNDING REQUEST FORM

Number: 20269

Project Cost: \$680,000

Project Name: DI Watermain CIPP Lining - Construction

Commission: Community & Fire Services

Repair/Replace

Department: ES - Waterworks

Useful Life: 50 Pre Approval:

Project Mgr: Jawaid Khan

Category: Major

Ward(s): CW 1 2 3 4
5 6 7 8

Cost Validation: Internal peer review

Requirement Validation: Condition assessment

DETAILED DESCRIPTION (SCOPE OF PROJECT):

Rehabilitation of ductile iron pipe sections with CIPP (cured-in-place pipe) lining at two locations:
 1. Woodbine Ave and Highway Intersection - 150m
 2. Woodbine Avenue/ Miller Avenue Intersecton- 60m (refer to attached map).

BUILDING MARKHAM'S FUTURE TOGETHER: Safe & Sustainable Community

PROJECT COSTS (\$)	2020	Future Phases
Cost/Quote:	668,200	0
Internal Charges:	0	0
External Consulting:	0	0
Sub Total:	668,200	0
HST Impact:	11,760	0
Total Project Cost:	680,000	0

NOTES

(1) Woodbine Ave/Hwy 7: Within two weeks, 2 watermain breaks occurred at the same location. This DI watermain is 46 years old. CIPP lining will prevent future breaks.
 (2) Woodbine Ave/ Miller Av.: This DI watermain is 51 years old. CIPP lining is required to maintain the water quality.

 CIPP lining extend the service life by 50 years.

SOURCE(S) OF FUNDING (\$)	Components						TOTAL	Future Phases
Funding Type	Budget						TOTAL	
Waterworks	680,000	0	0	0	0	0	0	
TOTAL FUNDING	680,000					0	0	

OPERATING BUDGET IMPACT	Personnel	Non Personnel	Revenues	Expenditures/(Revenues)
	\$0	\$0	\$0	\$0

DCA/LIFE CYCLE DETAILS

DCA Name	Year	Amount	Amount in Study	Life Cycle
				Amount in Study: <input style="width: 80px;" type="text"/>
				Amount Incl HST <input style="width: 80px;" type="text"/>
				Year in the study <input style="width: 80px;" type="text"/>
<p>DCA and/or Life Cycle: Explain if there is a change in the year and/or cost:</p> <div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>These section of watermain were originally scheduled for replacement in 2038 and 2085. However, they have been accelerated due to current condition. 2020 Lifecycle will be updated to reflect the changes.</p> </div>				

