



MEMORANDUM

To: Mayor and Members of Council

From: Morgan Jones, Director of Operations

Date: November 12, 2020

Re: **2021 Ditching Program Locations**

This memo has been prepared in response to the requests made at the November 6th, 2020 Budget Committee meeting. The purpose is to provide:

1. Council a list of locations for the 2021 ditching program— Capital Project # 21106

Update:

Background

Council resolution was received on November 4th, 2019 to implement a ditch restoration program to further protect the City's roadway asset.

The City of Markham has approximately 176 kilometres of roadside ditches. Ditches are a critical component of the broader storm drainage system. They convey stormwater from both public and private properties, including surface drainage, roadway sub-grade drainage and foundation drainage from private property. Ditches also provide storm water management functions such as sediment and pollutant removal and peak flow attenuation. There is a need to protect the integrity of ditches, maintain levels of service.

Current subdivision design standards utilize storm water management (SWM) ponds as the downstream component of the storm water management system, to improve water quality and control stormwater discharge during severe weather events, prior to the release of stormwater into local creeks, streams and rivers. In older developments, streets were constructed without storm sewers with ditches performing a similar water quality, storage and control function as SWM ponds.

List of locations included in the 2021 ditch restoration program subject to other more severe locations being identified by staff over the winter months and spring rain season are as follows :

Location	From	To
<i>19th Ave</i>	Warden Ave	Kennedy Rd
<i>19th Ave</i>	# 5007	# 5238
<i>19th Ave</i>	9th Line	York Durham Line
<i>Elgin Mills Rd E (North Side Only)</i>	Woodbine Ave	Warden Ave
<i>Elgin Mills Rd E</i>	Reesor Rd	York Durham Line
<i>Reesor Rd</i>	Hwy 407	16th Ave
<i>Carolwood Cres</i>	entirely	
<i>Thomas Reid Rd</i>	#5	#31
<i>Personna Blvd</i>	#12	#36
<i>Cachet Pkwy</i>	#38	#74
<i>Allen Manor</i>	entirely	
<i>Langstaff Rd (North Side Only)</i>	Cedar Ave	Essex Ave
<i>Glenbourne Park Dr (East Side Only)</i>	Glenhollow Crt	Glenmaple Crt