

# Utilities Infrastructure

## MONTHLY REPORT

Millbourne Flood Mitigation Task Force  
March 7, 2017

Edmonton

### TWEDDLE PLACE STORM AND SANITARY SEWER UPGRADES

Utilities Infrastructure is upgrading the sewer system in Tweddle Place (north and west of Millbourne Road) to reduce the risk of flooding. New infrastructure is being installed to provide extra flow and storage capacity. Upgrades include the expansion of the existing Tweddle Place dry pond, upsizing the storm sewers and installing storage pipe for sanitary system.

### OVERALL SCHEDULE

The overall construction schedule of Tweddle Place Storm & Sanitary Sewer Upgrades is from 2015 - 2021. The work plan schedule is an estimate as delays may be caused by unusual weather conditions, unexpected soil conditions, and other factors.

### UPDATE ON WORK PLAN (Task: Planned Duration, Status / Notes)

**Storm Sewer Upgrades on 89 Street & south of 42A Avenue:** May – Nov, 2015 - Completed

**Storm and Sanitary Upgrades on 44 Avenue between 89 Street and 85 Street:** May – November, 2016 and May – September, 2017. 80% completed in 2016. The remaining portion on 88 Street will start in May. This will be the same contractor as last year, Kran Construction. Since this is work carried over from 2016, a pre-construction open house for this work will not be held. However, homeowners in the immediate area will be notified before work begins.

**Public Open House:** Late May 2017, specific date to be determined. This will occur before the new 2017 construction work begins. See below.

**Storm Sewer Upgrades on Cul-de-sacs 86 Street and 88 Street:** June - October 2017. The work tender will be ready by April with a contractor to be selected in the middle of May. This work has been advanced by two years using money that was to be spent on dry pond expansion in 2016-2017.

**Dry Pond Expansion:** Fall 2017 - December 2018. This work is included in the work tender for the cul-de-sac sewer upgrades noted above. This project has been postponed to fall of 2017 to avoid risks associated with doing construction during the wet season.

**Storm and Sanitary Sewer Upgrades on 42A Avenue between 89 Street and Millbourne Road:** May 2018 - November 2019. Design completed. Funding has been approved for this project.

**Storm Sewer Upgrades on 86 Street and north of 43 Avenue:** May 2019 - November 2019. Design is ongoing. Funding has been approved.

**Storm and Sanitary Upgrades on 44 Avenue and east of 85 Street:** August 2019 - November 2021. Design is ongoing. Funding has been approved.

### If you have questions or concerns, contact:

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### **MALCOLM TWEDDLE & EDITH ROGERS DRY POND AND SEWER IMPROVEMENTS**

Flood mitigation project in the Tweddle Place (south and east of Millbourne Road), Michaels Park and Lee Ridge (northeast area) neighbourhoods involving the design and construction of a 64,000 m<sup>3</sup> dry pond with two cells and approximately 3,300 m of storm and sanitary sewer upgrades.

### **OVERALL SCHEDULE**

2015 to 2023. The work plan schedule is an estimate as delays may be caused by unusual weather conditions, unexpected soil conditions and other factors. .

### **UPDATES ON WORK PLAN (Task: Planned Duration, Status / Notes)**

**Dry Ponds Design:** 2015 to May 2017. Underway. Proposing to proceed to detailed design with Option Two (Two large soccer fields, one large shale ball diamond, two tennis courts remain, toboggan hill). Additional input is being sought and refinements will be made in detailed design.

**Sewer Improvements Design:** 2015 to May 2017. Underway.

**Public Open House:** September 2017. Specific date to be set prior to pond construction.

**Tree Removal / Relocation and Gas Line Relocation at Ponds Site:** Spring / summer 2017 prior to pond construction. The gas relocation will be done by ATCO.

**Dry Ponds Construction:** October 2017 to July 2018. Tender in June and July with a contractor selected by August. Sports fields will not be available for use until 2019 to allow landscaping to be well established.

### **Sewer Improvements Construction:**

- **66 Street Open-Cut Portion (41 Avenue to ~ 200 m N of 38 Avenue):** 2018 or 2019. Working with the City's LRT team to coordinate construction and minimize disturbance after LRT completion as much as possible.
- **Remainder of Locations:** 2019 to 2023. Includes all other locations and the remainder of trenchless construction of sewers on 66 Street north and south of 38 Avenue to be done after LRT construction in this area. There will be some minimal disturbance, but this work cannot be done until after the dry pond construction is completed.

### **If you have questions or concerns, contact:**

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