

## SATOO PUBLIC OPEN HOUSE – MARCH 22, 2007

In November 2006 a public open house was held to discuss two flood relief projects located in Satoo neighbourhood: the Satoo Sanitary Superpipe for sanitary system relief and the Satoo Dry Pond for storm system relief.

As part of an ongoing commitment to share information about these two projects, area residents are invited to attend an Open House to learn more about construction activities related to these projects.

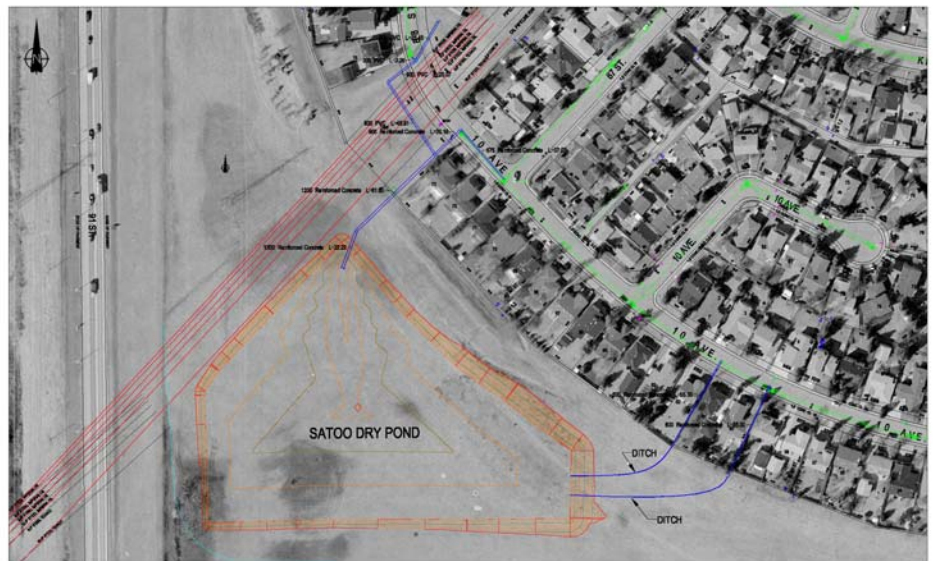
### SATOO DRY POND PROJECT

#### Project Overview

The Satoo Dry Pond Project is intended to relieve the existing storm system and to collect surface flows that could directly drain into the pond. The pond will temporarily store excess water and will drain to the existing storm sewer system when capacity is available. The pond will be located east of 91<sup>st</sup> Street, north of Anthony Henday Drive and flanking the back of lots west of 10<sup>th</sup> Avenue.

Shallow pipes will be installed to convey surface water from low areas along 10<sup>th</sup> Avenue through pipes across the oil -pipeline corridor and between the homes on 8503 and 8411 – 10<sup>th</sup> Avenue.

This project will be constructed in conjunction with the expansion of 91<sup>st</sup> Street. Excavated material from the pond site will be used for the construction of the road on 91st Street.



#### What to Expect

Pond excavation will occur between April and July 2007 and will involve large earth moving equipment from the pond site along 91<sup>st</sup> Street. The site will be fenced during construction as a safety precaution. The pipe installation will take place between July and October 2007. During construction, some temporary closure of 10<sup>th</sup> Avenue will be required. Detour routes will provide access to properties that are affected by the closure. Interruptions to any services (water, sewer, power, etc.) will be kept to a minimum and arrangements will be made with individual homeowners prior to any disruption.

# SATOO SANITARY SUPERPIPE PROJECT

## **Project Overview**

The Satoo Sanitary Superpipe project is located on Knottwood Road West and southwest of 88<sup>th</sup> Street. It involves the installation of a new larger sanitary sewer to mitigate constraints in the existing sewer system. This will provide “wet weather” storage and provide flood relief to prevent backups in the sewer and possible basement flooding.

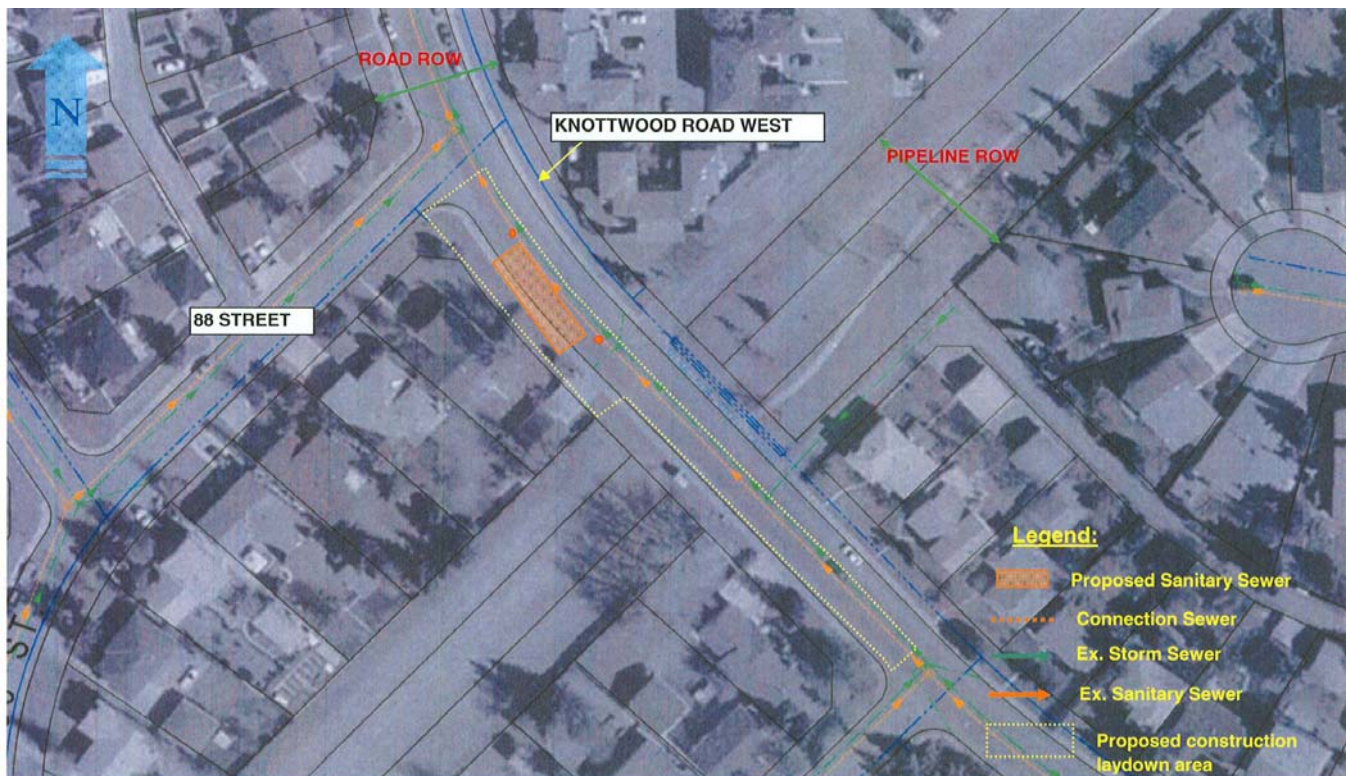
The “superpipe” is a large pipe, 5 metres wide by 3.6 metres high and 28 metres long, and will be installed parallel to the existing 300 mm diameter sewer on Knottwood Road West. This new storage pipe will be installed by an open trench technique. Connections to the existing sewer will allow the sanitary sewage to enter and exit the new pipe.

## **What to Expect**

Construction of the superpipe will occur between July and November 2007. Residents can expect some construction related disturbances however, there will be no interruptions of sanitary services.

Disturbances may include traffic disruption along Knottwood Road West due to the construction method being used. A total road closure of Knottwood Road West is expected through July 2007 to allow the excavation to occur. During the remainder of the construction, it is anticipated that Knottwood Road West will be reopened with a reduced lane width. During the road closure, a temporary detour along 88<sup>th</sup> Street and 87<sup>th</sup> Street will be in place. Parking will be restricted on these streets during that time period.

Upon completion of the underground work, restoration of Knottwood Road West will occur. This will require a second short road closure anticipated to last two to four days.



## **For more Information about these projects?**

Please contact the City of Edmonton Program Manager: Ken Chua at 496-5545.