

# Mill Woods Double Barrel Replacement Updates

March 24, 2017

The Mill Woods Double Barrel involves the installation of new storm trunk sewers, the connection of existing storm sewers to the new trunk and conversion of the existing double barrel pipe into a full sanitary pipe. Once complete, the new storm trunk, together with ongoing and planned flood mitigation projects in the neighborhood, will reduce the risk of flooding in the Mill Woods area.

## Project Background

There will be approximately 3.3 kilometers of new storm trunk sewers that range from 2.3 - 3.5 metres in diameter installed at a depth ranging from 15 - 35 meters below ground throughout the duration of this project.

There are four major legs:

- 1) 30 Avenue from Gateway Boulevard to 91 Street
- 2) 91 Street between 23 Avenue and 30 Avenue
- 3) 23 Avenue between 91 Street and 85 Street
- 4) 85 Street between 23 Avenue and Knottwood Road North

## What's involved?

There are four major components to this project:

- 1) Shaft and Tunnel excavation
- 2) Installation of new storm pipes and structure of shafts
- 3) Connections to existing storm sewer pipes
- 4) Converting existing double barrel pipe into a full sanitary pipe



## Project Update

Tunnel construction and sewer connections were completed. The remaining work includes:

- Converting the existing double barrel pipe into a full sanitary pipe, to be completed by April 2017
- Surface restoration (road, sidewalk, and landscape), to be completed by August 2017

Out of a total of five conversions, only one is outstanding at 85 Street and north of Knottwood Road North. This work is scheduled to begin on March 31 and to be completed by April 7, 2017.

Note: This conversion process can cause temporary odours in the nearby area

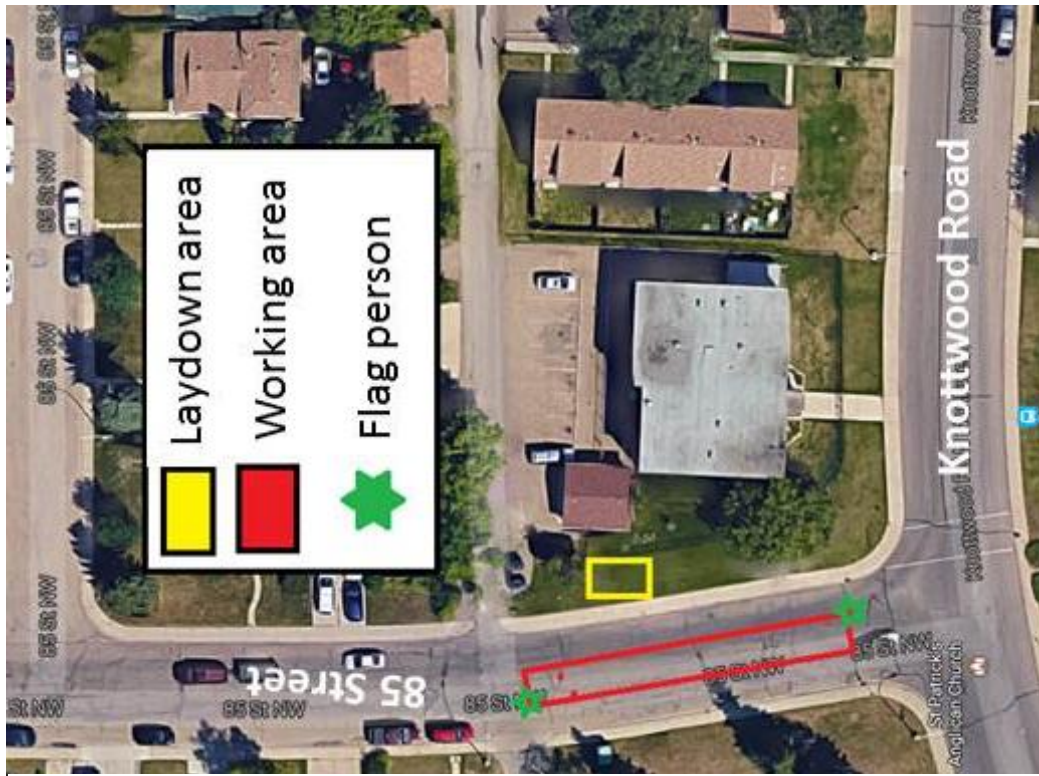
The work is scheduled to first start at working area (1) as shown on the attached image on the reverse side of this update. A small portion of the road in the middle of 85 Street will be closed and flag persons will be assigned on both the north and south side of the construction area. Two-way traffic will be maintained with reduced speed for the safety of the motorists and workers.

After the completion of the work in area (1), the crew will move to area (2) as shown on the attached images. Crews will also need to access manholes along 85 street to work on the conversion. Two-way traffic will be maintained with reduced speed for the safety of motorists and workers.

No parking will be allowed on both sides of 85 Street in the construction area in order to maintain two-way traffic.

We are currently in the process of getting contractors on board for the surface restoration work (road, sidewalk, landscape). An update to all stakeholders including the community will be shared when a detailed plan is finalized.





Working area 1 layout plan



Working area 2 layout plan

If you have questions about this project, please contact:

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