

Mill Woods Double Barrel Pipe Replacement Update

August 24, 2016

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 into a full sanitary sewer. 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.

If you have questions about this project, please contact

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Project Background

There will be approximately 3.3 kilometers of new storm trunk sewers installed 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?

The trunk sewers are located at depths ranging from 15-35 metres below ground and the sewer pipes range from 2.3 – 3.5 metres in diameter.

There are four major components to this project:

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

Project Update

85 Street: A shaft will be constructed at 85 Street and Knottwood Road N. to complete the final connection of existing storm trunks to the new storm tunnel, and connection of the local sewer infrastructure to the new tunnel will be completed using open cut construction.

- Construction of tunnel is complete.
- The remainder of the construction will commence week of September 5, 2016 and be completed by November 2016.

Traffic Disruptions: 85 Street will be reduced to only northbound traffic to facilitate the construction of connections to the new tunnel.

23 Avenue

- Construction of the tunnel is complete.
- Shaft concrete structures are under construction.
- The connections from the existing storm sewers to the new tunnel using open cut construction are scheduled to commence in mid-September and be completed by October 2016.

Traffic Disruptions: 23 Avenue west bound traffic reduced to one lane expected to reopen in November 2016.

91 Street

- Construction of tunnel is complete
- Connections to the new tunnel are scheduled to commence in mid-August and completed by November 2016.

Double Barrel conversion to full sanitary sewer at Parsons Road

- Involves the construction of a 24 metre deep shaft and hand tunnel.
- Construction started on August 22, 2016 and is expected to be completed by December 2016.

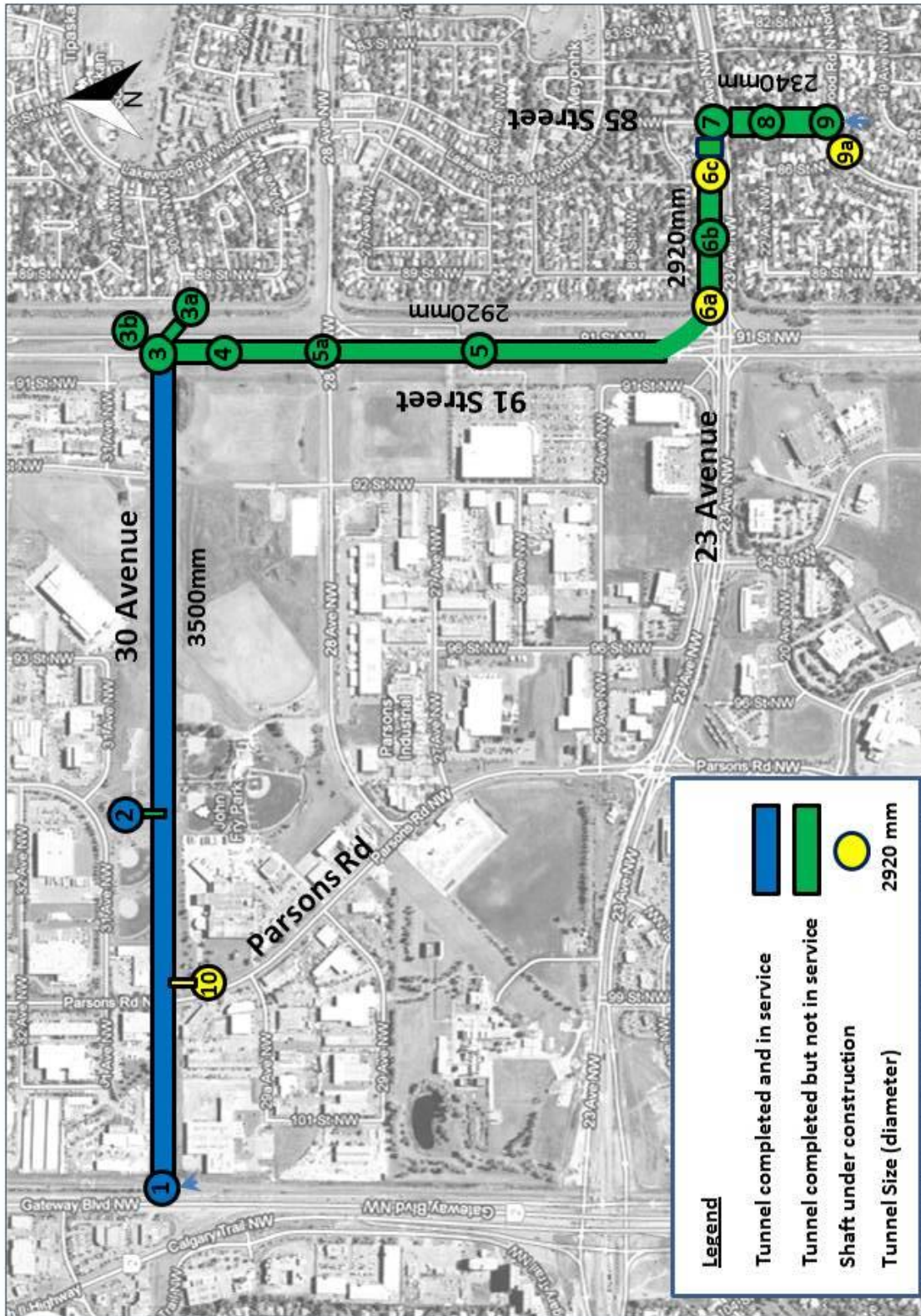
Traffic Disruptions: Parsons Road Northbound from 29 Avenue to 31 Avenue is reduced to one lane, for the duration of the work.

Surface Restoration: All impacted landscape, side walk, road surface, curbs and gutters along the construction alignment will be restored after construction or as weather permits.

- Completion: August 2017

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Mill Woods Double Barrel New Storm Trunk Alignment