

UTILITIES INFRASTRUCTURE West Jasper Place/Sherwood Community Update – August 26, 2016

New Development - 100 Avenue Closure

Why is 100 Avenue Closed?

On August 10, 2016 while working in a sanitary trunk sewer on 100 Avenue (just west of 151 street) to divert the sewage flow, workers noticed unusual debris in the area. After further inspection, City crews noticed that a portion of concrete had fallen away from the roof of the trunk sewer. As a safety measure, 100 Avenue was immediately closed and work started to assess and repair the trunk sewer.

The following drawing shows the location of the new development on 100 Avenue and the location of the other trunk sewer rehabilitation work that has been occurring in the area.



New development located at the 100 Avenue road closure

What is the plan for fixing the trunk sewer on 100 Avenue?

As with the other sanitary trunk sewer work going on in West Jasper Place, the City will follow the same work activities:

1. Stabilizing the situation (ensure safety, reduce risks, etc.)
2. Assessing the issue (info gathering/inspections, root cause assessment, etc.)
3. Engineering Design
4. Construction

What is the current status of work?

Activity	Status
Stabilizing the Situation	
<ul style="list-style-type: none"> ● Protect public and worker safety by closing 100 Avenue to traffic 	Completed
<ul style="list-style-type: none"> ● Stabilize the sewer: <ul style="list-style-type: none"> ○ Drill shaft to access sewer and support any weakened portions 	In progress
Assessing the Issue	
<ul style="list-style-type: none"> ● Send video equipment further west to check on other areas of the sewer ● A video camera has been sent into the trunk sewer running west from 151 Street (approximately 200 metres - as far as the camera can reach). The video did not identify additional areas that need immediate attention. 	Completed
<ul style="list-style-type: none"> ● Use new shaft to determine the exact condition of the sewer and root cause of issue, which will be used for the engineering design 	To be completed
<ul style="list-style-type: none"> ● Use new shaft to access remainder of the sewer to do detailed visual inspection 	To be completed
<ul style="list-style-type: none"> ● Additional shaft construction may be required. The exact need and location will need to be determined. 	
Engineering Design	
<ul style="list-style-type: none"> ● Shaft design 	Completed
<ul style="list-style-type: none"> ● Remainder of design will be completed as additional information becomes available from Assess 	To be completed
Construction	
<ul style="list-style-type: none"> ● Shaft construction 	In progress
<ul style="list-style-type: none"> ● Remainder of construction will proceed as engineering designs become available 	To be completed

When will this work be completed?

The overall completion date for the entire repair will be determined once the situation has been fully assessed and engineering solutions developed. Based on the current information and status of activities, this work will take months. Once we have more information, we will share it in future updates.

What is being done about the traffic impacts?

- We are working very closely with the City's Traffic Operations to mitigate impacts due to the 100 Avenue road closure.
- The timing of traffic lights at 156 Street/100 Avenue has already been adjusted to help reduce congestion, and the situation will be monitored and adjustments made if required.
- Other measures are currently being investigated to help prevent short cutting through the West Jasper Place neighbourhood and to address impacts for pedestrians crossing 100 Avenue.

What are some things that might affect the 100 Avenue sewer repair?

The repair could be affected by:

- Significant amounts of rain will delay the project, as it creates unsafe working conditions in the trunk sewer.
- If additional areas are identified that need immediate repair, more time will be required to complete that work.
- The work may be delayed if poor ground conditions (e.g. sand layer, boulders, etc.) are encountered during construction.

Does this affect the current rehabilitation trunk sewer work in West Jasper Place/Sherwood neighbourhoods?

- The current rehabilitation work will be delayed. Due to the urgent nature of the 100 Avenue sewer situations, resources have been directed to focus on this work.
- A construction notice sent out on August 12, 2016 indicated that the existing rehabilitation work would not be impacted, but new information since that time shows we need to change our approach.

How will the community be informed as this work progresses?

- We will be updating the West Jasper Place Sherwood Drainage Task Force and residents within the communities as additional information becomes available. Significant developments will be communicated to residents through e-mail and paper distribution, while regular progress updates will continue to be sent through e-mail.
- Residents can sign up for email updates or request paper copies by contacting us at drainageprojects@edmonton.ca or 311.

We remain committed to consulting and informing the community on our work, and will attempt to address questions and concerns through the information provided in these updates.

In addition, we have planned a community open house/public meeting for **Monday, October 3, 2016** at the West Jasper Community League to provide information on the work that has been ongoing and to answer any additional questions residents may have.

For More Information:

Call: 311 -- Email: drainageprojects@edmonton.ca

Website: edmonton.ca/westedmontonsewer

