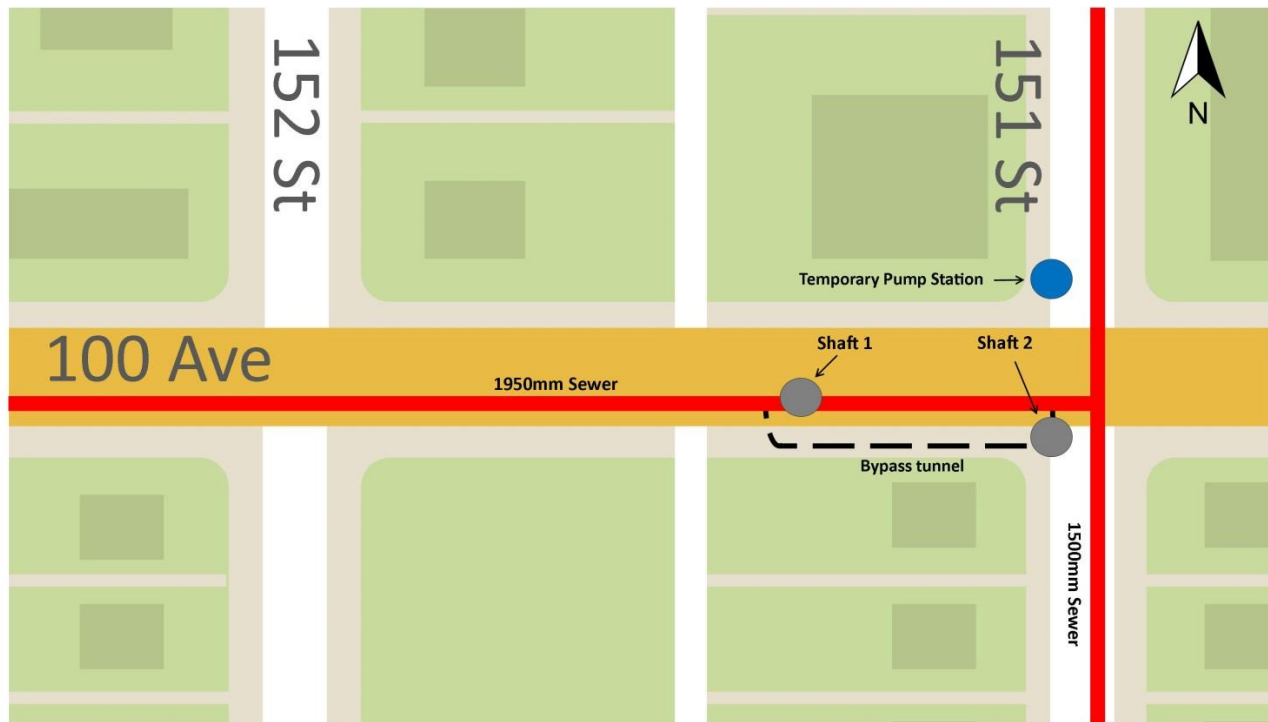


UTILITIES INFRASTRUCTURE West Jasper Place/Sherwood Community Update – November 4, 2016

Current Status of 100 Avenue Trunk Sewer Repair



The City is following the same work activities as the other sanitary trunk sewer work underway in West Jasper Place:

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

STABILIZE

| | |
|---|-----------|
| • Protect public and worker safety by closing 100 Avenue to traffic. | Completed |
| • Drill Shaft #1 to stabilize the area and access trunk sewer <ul style="list-style-type: none"> ○ The shaft reached the existing sewer on September 19 and workers are currently working on opening the top portion of the sewer. | Completed |
| • Installation of temporary steel pipe within the 1950mm trunk sewer. | Completed |

ASSESS

- | | |
|---|-----------------|
| <ul style="list-style-type: none">Send video equipment further west to check on other areas of the sewer <p>A video camera was 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.</p> | Completed |
| <ul style="list-style-type: none">Use new Shaft #1 to access remainder of the sewer to do detailed inspection and determine the full extent of the work required. | To be completed |

ENGINEERING DESIGN

- | | |
|--|-----------------|
| <ul style="list-style-type: none">Design Shaft #2 to facilitate the permanent repair has been issued for construction. | Completed |
| <ul style="list-style-type: none">The 100 Avenue bypass tunnel drawings were issued for construction on October 31, 2016. | Completed |
| <ul style="list-style-type: none">Remainder of repair design will be completed as additional information becomes available from assessment | To be completed |

IMPLEMENTATION (CONSTRUCTION) OF REPAIR

- | | |
|---|-----------------|
| <ul style="list-style-type: none">Drilling of the Shaft #2 commenced the week of September 26. | In progress |
| <ul style="list-style-type: none">Remainder of construction will proceed as engineering designs become available | To be completed |
| <ul style="list-style-type: none">Mitigation measures include using the air scrubbers at 153 Street and 151 Street as well as covering the shaft when not in use by workers | In progress |

TRAFFIC ACCOMMODATION

- | | |
|--|-------------|
| <ul style="list-style-type: none">When crews are working to drill Shaft #2 there will be no changes to vehicle traffic and the crosswalk at 151 Street and 100 Avenue will remain usable. The shared use path also remains unaffected. | In progress |
|--|-------------|

To join the mailing list or for more information:

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

Website: edmonton.ca/westedmontonsewer

