



# CONSTRUCTION NOTICE

## North Drumheller Flood Improvements Projects

We would like to inform you about the upcoming construction project involving the North Drumheller Berms, which aims to enhance the safety and resilience of our community against flooding events. We understand that construction projects can be disruptive, but we assure you that we will prioritize minimizing inconvenience to the residents of North Drumheller. Here is an overview of the project, along with important information and contact details for your reference.

### **Project Overview:**

The North Drumheller Flood Improvements Projects is comprised of five projects, which, working together will improve the flood resiliency for North Drumheller. The components are:

- Hospital Berm extension – Running from the existing berm at the Drumheller Health Centre to the end of 9 Street NW along the Red Deer River.
- Michichi Creek West Berm – Running from the Hospital Berm Extension at 9 Street NW, along the Red Deer River, then turning north and running upstream along the west side of Michichi Creek to tie in to the existing Alberta Transportation and Economic Corridors (ATEC) owned timber retaining wall and flood berm.
- Michichi Creek East Berm – Running along the east side of Michichi Creek from the existing ATEC timber wall and berm to the confluence with the Red Deer River, then downstream along the Red Deer River to Gordon Taylor bridge. This component will upgrade the existing berm in this area.
- Michichi Creek realignment – To facilitate the Michichi Creek West Berm construction, the alignment of Michichi Creek will be shifted towards the east. Michichi Creek has been realigned several times in the past and has been found to have very low-quality fish habitat. As part of the realignment work, the creek bank will be lined with rock and the area will be revegetated.
- Michichi Creek Sanitary Sewer upgrades – The existing sanitary sewer pipe which runs across Michichi Creek encased in concrete, currently acts as an obstruction to flow. As part of the Michichi Creek Realignment, the pipe will be lowered below the channel bed, and a sanitary lift station will be installed adjacent to 9 Street NW to ensure continuous flow in the new pipeline. The old pipeline and concrete casing will be removed.

ATEC is currently undertaking an engineering design study for improvements to the existing Michichi Creek timber retaining wall and berm as well as the Highway 838 bridge, which will tie together with the North Drumheller Flood Improvements projects to complete the flood mitigation work in North Drumheller. The schedule and timing for the construction of the ATEC Michichi Creek flood mitigation work and bridge rehabilitation is still being planned.



# CONSTRUCTION NOTICE

## **Construction Schedule:**

The North Drumheller Flood Improvements Projects construction will begin with tree clearing in early March after a wildlife sweep and prior of the annual bird nesting window, followed by earthmoving starting in April. The berm construction, creek realignment, and pipeline construction work will continue from April to September, with final clean up and landscaping wrapping up in the late fall of 2024. The current work schedule assume that all regulatory authorizations will be received, and land acquisition will be completed ahead of construction. The contractor will maintain the landscape plantings for an additional two years following the installations.

## **Contractor Information:**

The construction contract for the North Drumheller Flood Improvement projects has been awarded to Wilco Contractors Southwest Inc. (Wilco) following a competitive bidding process. Wilco has previous experience working for the Town of Drumheller on various projects, including the Downtown, Grove Plaza, Midland, and Willow Estates Berm projects, as well as relevant landscaping construction experience. Their expertise makes them well-suited to complete the work.

## **Potential Impacts and Mitigation Measures:**

We understand that construction activities can have potential impacts on the surrounding environment and daily activities. Here are some key points to consider:

1. **Dust:** The contractor will implement dust control strategies to minimize dust generation, such as spraying water and utilizing dust suppression equipment.
2. **Noise:** Efforts will be made to minimize noise levels by adhering to local noise bylaws and utilizing noise reduction methods and equipment. A noise relaxation bylaw waiver will be in place from 7:00am to 7:00pm, Monday through Saturday.
3. **Vibration:** The contractor will monitor and control vibration levels within acceptable limits to minimize any impact on surrounding structures; however, it is likely that you will still feel some vibrations.
4. **Truck Traffic:** There will be an increase in truck traffic during the construction period. The contractor will establish designated haul routes and may implement speed reductions in certain areas to ensure the safe movement of trucks.
5. **Haul Routes:** The contractor will determine and communicate specific haul routes to minimize disruptions to local traffic and ensure the safety of residents and road users.

We want to assure you that Wilco Contractors Southwest Inc. will make every effort to minimize the impact of construction activities on the community.



# CONSTRUCTION NOTICE

## What You Can Do to Prepare for Construction:

We understand that the construction project may cause some temporary disruptions. To help you prepare and minimize any inconvenience, here are some suggestions:

1. **Stay Informed:** Stay updated on the project progress, schedule, and any potential changes or updates by visiting the website [www.floodreadiness.drumheller.ca](http://www.floodreadiness.drumheller.ca) or contacting the provided project contacts. Regular communication will ensure you are aware of any specific impacts or requirements during the construction period.
2. **Plan for Temporary Disruptions:** Be prepared for temporary disruptions such as road and pathway detours, increased noise levels, dust, and truck traffic. If you have any sensitive activities or events planned during the construction period, consider adjusting your schedules or notifying the project contacts for assistance in minimizing any disturbances.
3. **Secure Loose Items:** If you live near the construction area, ensure that any loose items on your property, such as fragile decorations, wall hangings and pictures are securely stored or relocated to avoid any potential damage.
4. **Follow Safety Instructions:** Pay attention to any signage, temporary road closures, or traffic control measures implemented during the construction. Follow the instructions provided for your safety and the safety of the construction workers.
5. **Protect Sensitive Areas:** If you have sensitive areas on your property, such as gardens or landscaping, consider taking precautions to protect them during the construction period. You may want to install temporary barriers or coverings to prevent any potential damage.
6. **Communicate Concerns:** If you have any specific concerns or issues related to the construction, do not hesitate to reach out to the project contacts or the contractor. They will be available to address your concerns and provide assistance whenever possible.

### Contact Information:

Immediate Construction Concerns

**CONTRACTOR: Wilco Contractors Southwest Inc.**

(P) 403-660-6607 (E) [drumflood@wilco.ca](mailto:drumflood@wilco.ca)

Technical – Design – Construction Quality Concerns

**ENGINEER: Kerr Wood Leidel Engineering Consultants**

Caitlin Cain – (P) 587-349-8297 (E) [ccain@kwl.ca](mailto:ccain@kwl.ca)

Overall Flood Program & General Inquiries

**FLOOD OFFICE:**

(P) 403-823-4878 (E) [floodreadiness@drumheller.ca](mailto:floodreadiness@drumheller.ca)

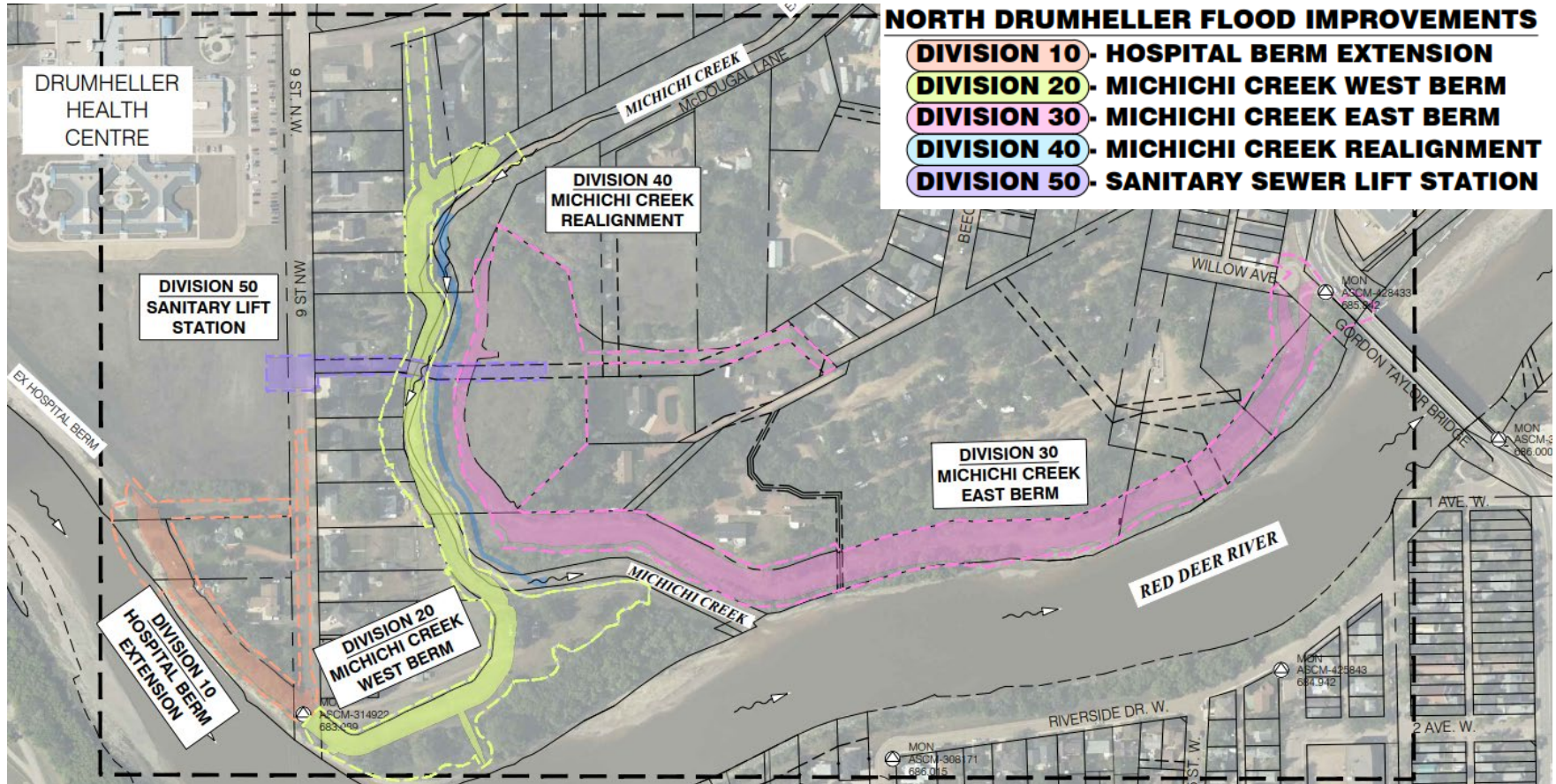
**TOWN OF DRUMHELLER AFTER HOURS EMERGENCY**

403-823-2512



# CONSTRUCTION NOTICE

North Drumheller Flood Improvements Project Drawing:



For additional information about the North Drumheller Flood Improvements projects and the Town's flood mitigation efforts, please visit our website at [www.floodreadiness.drumheller.ca](http://www.floodreadiness.drumheller.ca) or email us at [floodreadiness@drumheller.ca](mailto:floodreadiness@drumheller.ca).

Thank you for your cooperation and understanding as we work towards building a safer and more resilient community.



# CONSTRUCTION NOTICE

## Homeowner Pre-Construction Check List:

Vibrations and noise are to be expected during construction. We are monitoring during construction to keep vibrations within the levels below those that cause structural damage, however it is likely that you will still feel vibrations and experience shaking in your home during construction. This is normal.

### PROTECT YOUR VALUABLES

- Remove pictures from walls and place in a secure location
- Pack away valuable decorations
- Secure dishes and glasses
- Remove items from wall shelves which could potentially fall

#### *What is normal?*

It is normal to feel vibrations in your body, to see furniture moving and hear objects rattling. This is why it is important to secure items which could fall.

#### *When should I be concerned?*

If you notice cosmetic changes in your home like new cracks in your walls, nail pops or damage to seals, please reach out to the Flood Office to schedule a follow up inspection.

