

CONSTRUCTION NOTICE

Valley Line West LRT Water and Power Utility Relocations
Downtown – 102/104 Ave between 103 and 107 Street

MAY 2021

PROJECT OVERVIEW

As part of the Valley Line West LRT project, EPCOR is responsible for relocating all existing power, water and drainage utilities to avoid potential conflicts with the Valley Line West LRT infrastructure. This is the second stage of the Valley Line, an urban-style 27km line that will operate between Mill Woods in southeast Edmonton and Lewis Farms in west Edmonton.

Starting in June, EPCOR will begin installing new water and electrical infrastructure on and around 102 Avenue between 107 Street and 103 Street and on 104 Avenue from 107 Street to 105 Street. The work will include:

- Installing new electrical duct banks across in the areas shown in orange on the map
- Installing new underground transformers in the areas shown in green on the map
- Installing four new water mains as shown in blue in the map
- Converting two electrical vaults into utility access points at the locations shown in yellow on the map



PROJECT DETAILS

The installation of the new electrical duct banks and water mains will be within the roadway using open cut trench excavation. A pavement saw will be used to cut the trench in the pavement and excavate the trench. The pavement and excavated material is removed by an excavator and loaded into dump trucks.

Once the area is excavated, the new infrastructure will be installed and the area backfilled with the appropriate material. The area may undergo temporary paving to expedite its opening to traffic until permanent paving can be completed.



Electrical Relocations

New electrical duct banks will be installed in the areas shown in orange on the map. Duct banks protect underground electrical cables from being damaged. Construction of the underground duct banks will begin in June and is expected to be completed by the end of August.

Once the duct banks are installed, the electrical cables will be pulled in through manholes and connected to the existing electrical distribution

SCHEDULE

Construction will begin in **June** and is expected to be completed by the end of **August**, weather permitting. The typical hours of construction will be **7:00 a.m. to 9:00 p.m. Monday to Saturday**. If required, these hours may be extended, and construction may occur on **Sundays from 9:00 a.m. to 7:00 p.m.**

For specific area timelines and updates to the schedule, please visit epcor.com/valleyline

system. Cable pulling will involve setting up around various utility access points for approximately 1-2 days to install the new cables. Cable pulling will be ongoing until the end of November.

Other activities in the areas will involve installing transformers in existing underground vaults and converting old vaults into utility access points (shown in green and yellow on the map). Utility access points allow crews to access the underground equipment for maintenance and repairs. This work will begin in June and is expected to be completed by the end of August.

Water Main Relocations

Once the construction area is excavated and there is no longer pressured water travelling through the section of pipe to be relocated, EPCOR works to install a new section of pipe to meet the alignment required to accommodate the underground LRT infrastructure. This new section of water infrastructure is then connected to the existing water main and the pressured flow is re-established, after the proper testing and quality assurances take place. Customers will be provided with a pressurized temporary water connection in the event of an extended water outage.

EPCOR will provide an additional notice to residents and businesses adjacent to water relocation activities. This notice will include more specific details about construction impacts, contact information for questions or concerns related to construction activities and updated timing.

PROJECT IMPACTS

Traffic

- Depending on the work location, residents and businesses can expect to see activity that is typical to construction, including company/contractor vehicles and equipment.
- Road/lane and sidewalk closures are expected. Signage will indicate closures and detours, along with parking restrictions.
- We will work with the City of Edmonton to relocate bus stops as needed.
- Construction vehicles used for hauling will access work areas through local roadways.
- Signage will be used to notify pedestrian/cyclists of any necessary detours.
- The construction area will be fenced and/or marked as a restricted area.

Outages (Water/Power)

- Depending on your location along the route you may experience a water outage during the course of the planned construction work. If we have to shut off the water main temporarily during construction, you will receive written notice at least 24 hours in advance. Water service will typically resume within eight hours.
- If we need to shut off your water during construction for longer than eight hours, we will provide you with a temporary above ground water supply. There will be no consumption charge for water provided through the temporary line. You will only pay the monthly basic charge for water supply and any water consumption provided by regular metering service.
- Power outages may be required to ensure work can be completed safely. You will be contacted in advance if power outages are required to complete the work.

Noise

- Work will create typical noise associated with construction.
- We will comply with the City of Edmonton's Community Standards Bylaw for Noise Control. If it's necessary to temporarily exceed acceptable noise levels, we will work with the City of Edmonton to obtain the necessary permits.

Construction Restoration

- While the newly installed water main undergoes all quality assurance testing, new gravel base will be placed and tested. Upon meeting City of Edmonton specifications, asphalt will be placed typically within one to two weeks of final testing.
- All affected landscaping, pavement, sidewalks, and alleyways will be restored to their original condition.
- In most cases, our contractors will temporarily restore and reopen the road to traffic until the City of Edmonton is ready to complete the permanent restoration of the road/sidewalk.
- Restoration will take place between September and October, as weather permits.

Construction timelines could change based on ground conditions encountered during excavation, weather or other factors. Project updates can be found at epcor.com/valleyline

SAFETY

The construction area will be fenced and/or marked as a restricted area. We will take every precaution to ensure public safety, and we request your assistance in keeping a safe distance from the construction site and the equipment.

We thank you for your patience and understanding as we perform this necessary work.

COVID-19

EPCOR is closely monitoring our work related to the COVID-19 pandemic. Protocols are in place to protect the health of customers and our teams while they perform essential work. We ask that you please keep a safe two-metre distance from our crews and contractors.

FOR MORE INFORMATION

EPCOR

Phone: 780-412-4200

E-mail: EPCORprojects@epcor.com

Website: epcor.com/valleyline

