

# Columbia Avenue (105 Avenue) Utilities Relocation Project (2020-2023)

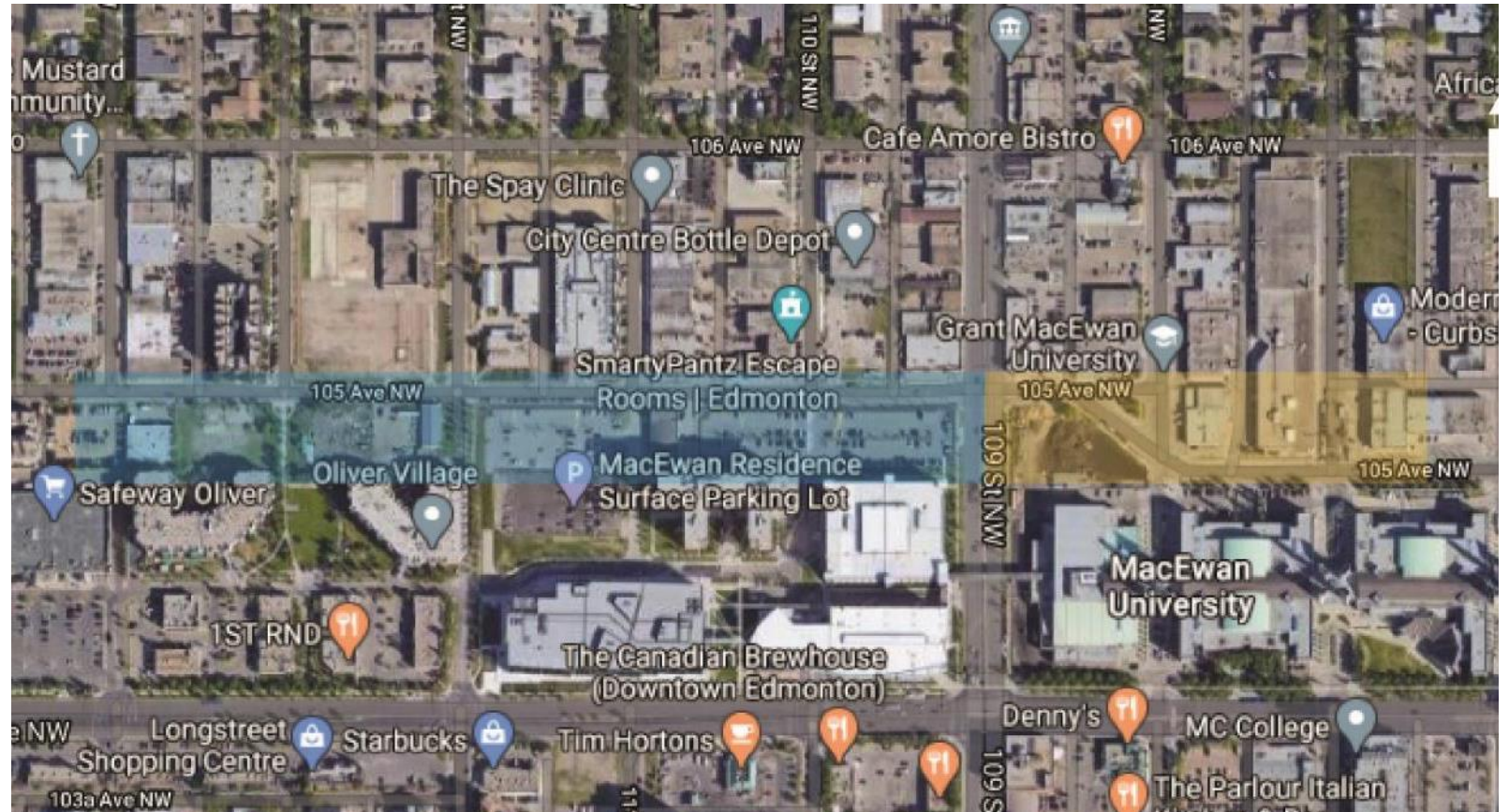




# Project Area – 105 Ave Streetscape

Expected to start Summer 2020 with **Power** and **Drainage** work

- Project is between 107 St and 116 St (2020-2023)
- Extension of the downtown flood mitigation expansion
- EPCOR is required to relocate utilities for this City Project
- This year, EPCOR will work between 107 St and 114 St





# Shaft and Tunnel Construction



**Photo: Shaft Laydown Area**

- Shows laydown area site
- The area will not be as large for this project



**Photo: Shaft Laydown Area**

- Shows Tunnel Boring Machine
- Will be the same size for this project



# 105 Avenue – West of 109 Street

**Power** – Underground infrastructure installation

Start summer of 2020

- Between 109 St and 114 St

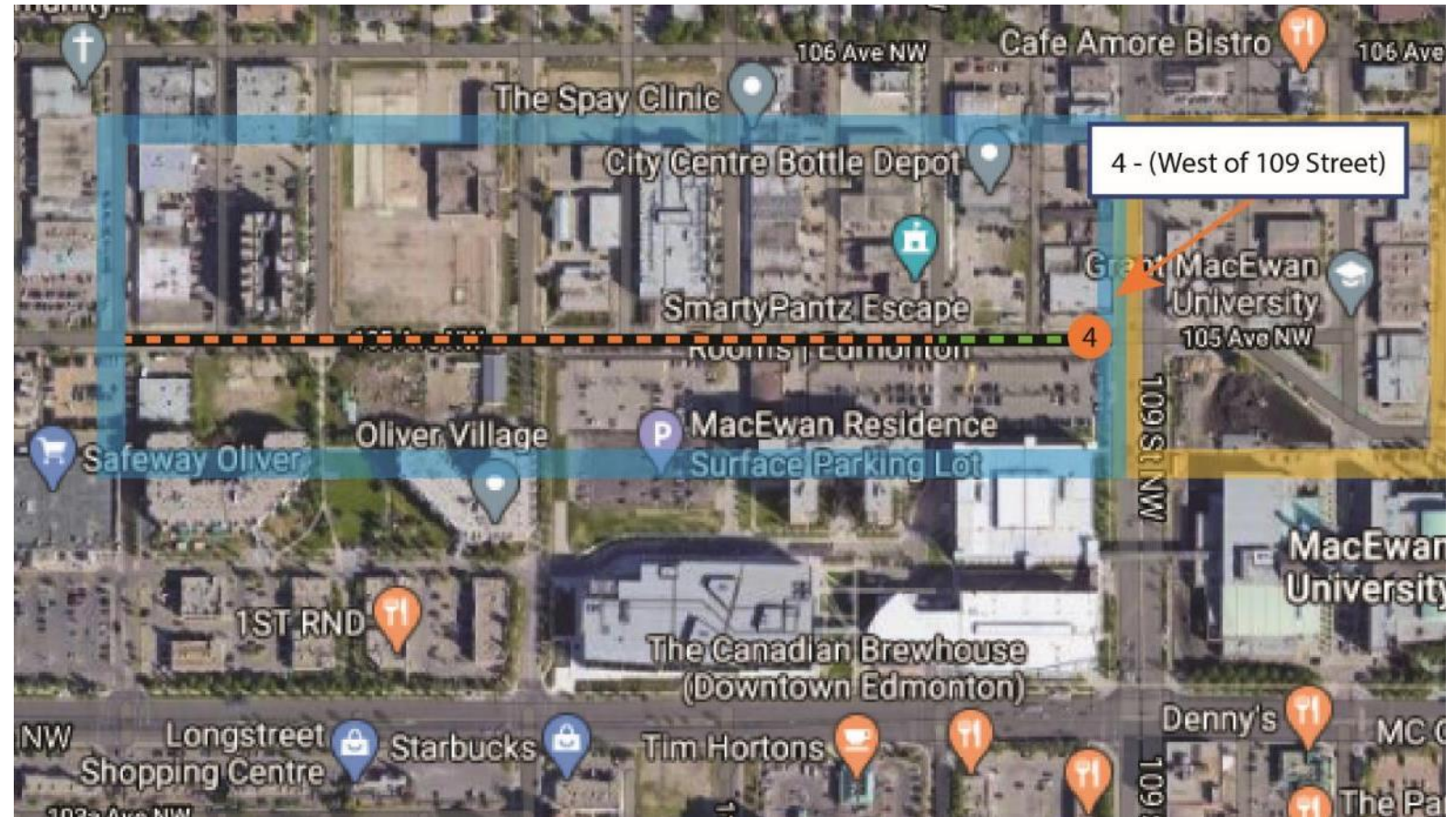
**Drainage** – New tunnel construction

Shaft location

- West of 109 St

Road closures

- One lane eastbound will remain open, westbound lanes will be closed for approximately 6 to 7 months starting in Fall 2020



Power Utilities



Drainage Utilities

# 105 Avenue – East of 109 Street

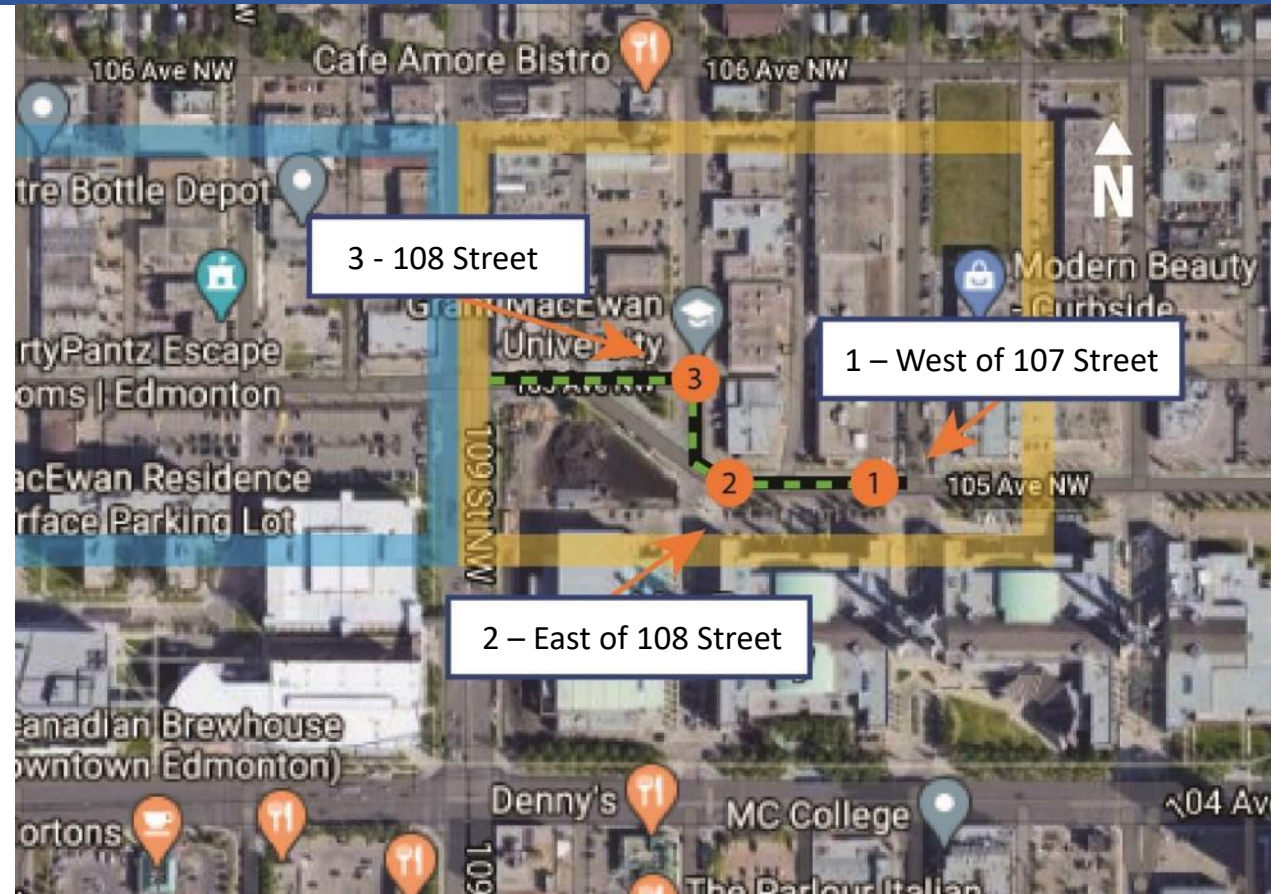
**Drainage** – New tunnel construction start summer of 2020

Shaft locations:

- On 105 Avenue, east of 107 St
- On 105 Avenue, east of 108 St
- On 108 Street, north of 105 Ave

Road Closures:

- Starting in the summer 2020 105 Avenue between 107 and 108 Street for approximately 4 to 5 months
- Starting in late fall of 2020 the intersection of 105 Avenue and 108 Street will be closed for approximately 5 to 6 months.



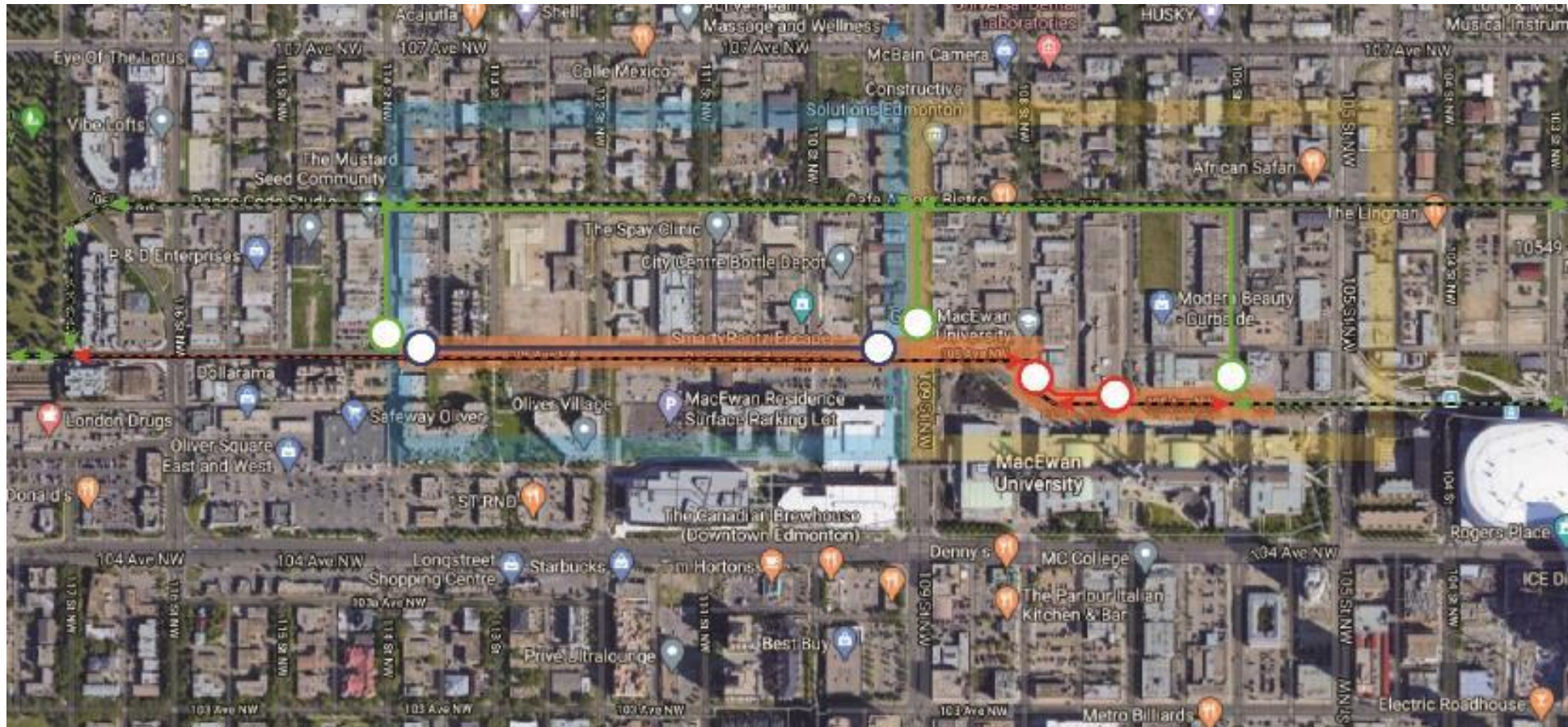
Power Utilities








Drainage Utilities



# Bike Lane/Pedestrian/Road Impacts

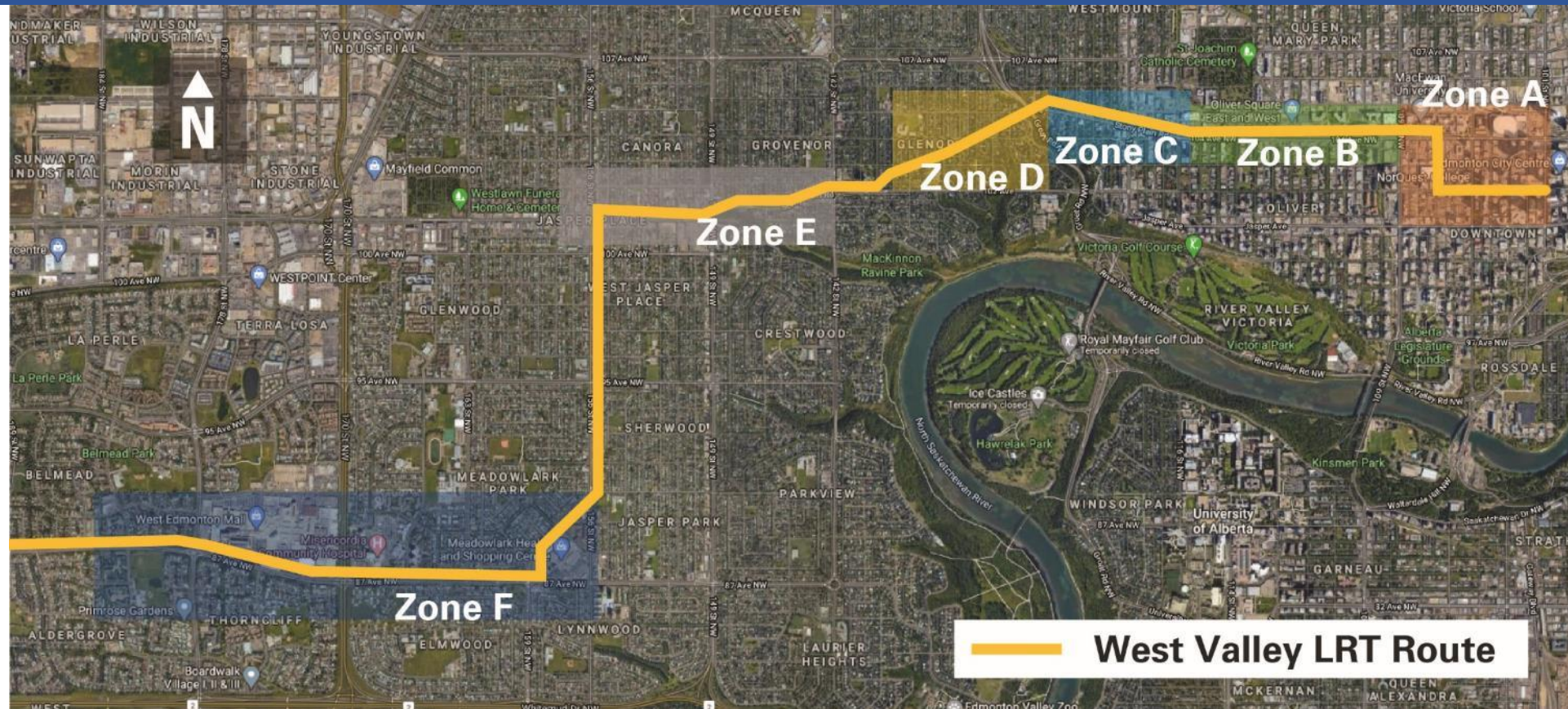


\*Indicates closures per City of Edmonton information provided and not limited to EPCOR work

- |                                                                                     |                  |                                                                                     |                                       |
|-------------------------------------------------------------------------------------|------------------|-------------------------------------------------------------------------------------|---------------------------------------|
|  | Open Bike Lane   |  | Periodic Temporary Traffic Reductions |
|  | Closed Bike Lane |  | Closed to all Traffic                 |
|                                                                                     |                  |  | Alternate Traffic Route               |



# West Valley LRT – Overall Map



Zone A Downtown	101 Street to 109 Street & 105 Avenue to Jasper Avenue	Zone D Glenora	Stony Plain Road from Groat Road to 138 Street
Zone B Downtown & Oliver	104 Avenue from 109 Street to 121 Street & Jasper Avenue	Zone E Grovonor & Canora	Stony Plain Road from 142 Street to 156 Street
Zone C Oliver & Glenora	Stony Plain Road from 121 Street to 129 Street	Zone F West Edmonton	87 Avenue from 156 Street to 184 Street



# Zone B – 104 Ave from 109 St to 121 St

**Power** – Underground infrastructure installation

Now to June:

- 104 Ave from 118 St to 121 St

Starting late summer to October:

- 104 Ave east of 116 St
- 104 Ave west of 112 St

**Drainage** - New tunnel construction starting early 2021 for approx. 22 months

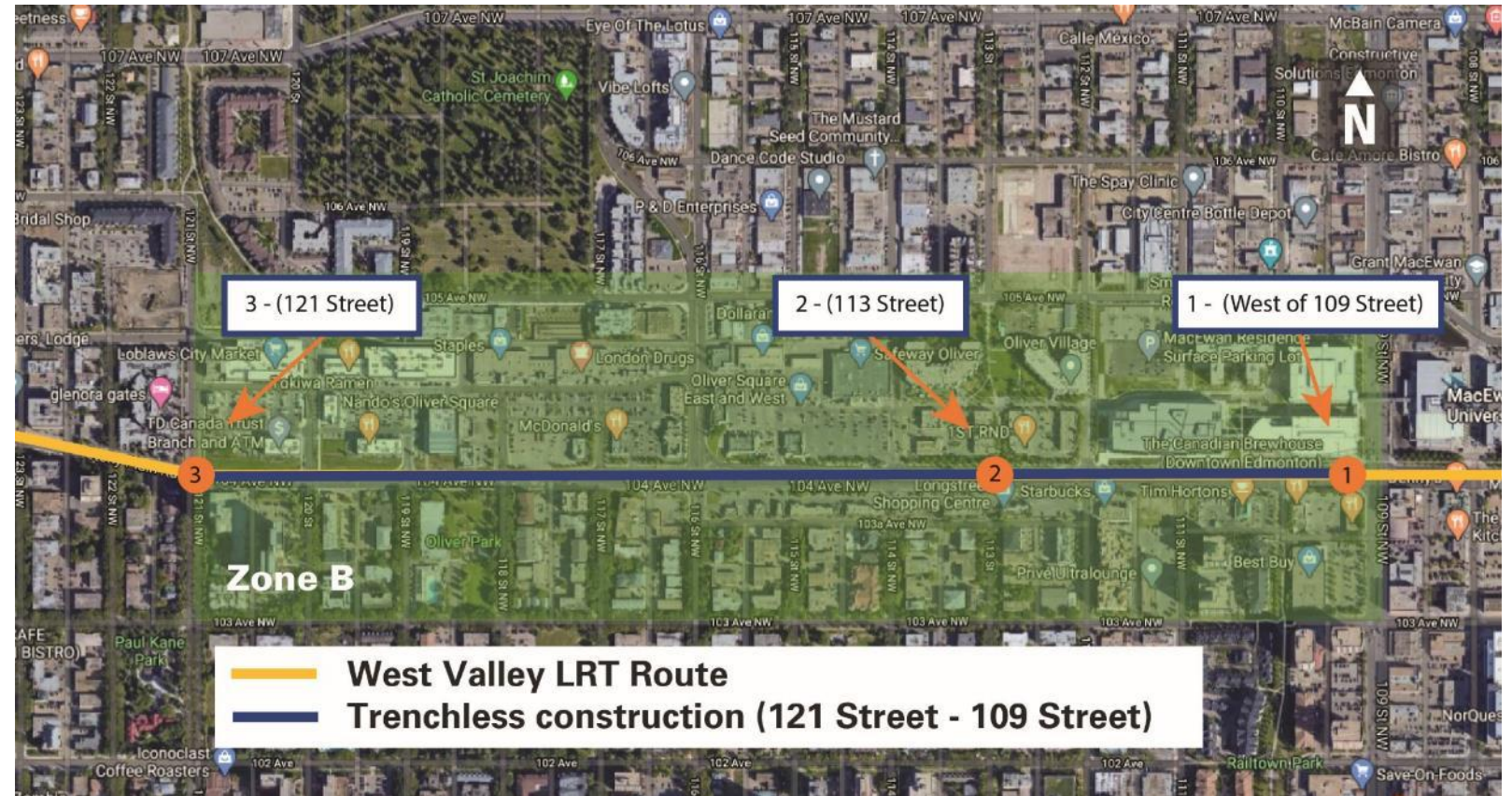
Shaft locations:

- West of 109 St
- 113 St
- 121 St
- 104 Ave reduced to one lane westbound in some areas

**Water** – Fire hydrant relocation

Starting summer 2020, three weeks to complete

- Lane reductions on 104 Ave





# Customer Communications and Commitments

- **Commitment to customers**
  - Transparency, regular updates, direct contact information
- **Communication tools**
  - Meet with key stakeholders, print notices, web content (epcor.com), virtual meetings, email updates, when possible in-person meetings
- **Keeping you informed**
  - Notify when milestones are met, new work is starting or major changes in scope
- **Feedback collection**
  - Gather feedback from customers and implement mitigations where possible
- **Issues and concerns**
  - Dedicated phone number and email, response within 1 business day



# What to Expect – Project Notices



## CONSTRUCTION NOTICE

### Valley Line West LRT - Utility Relocations 105 Street from 102 Avenue to 103 Avenue

#### PROJECT OVERVIEW

As part of the Valley Line West LRT project, EPCOR is responsible for relocating all the power, water and sewer 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. To meet the overall LRT project schedule, the City has requested that EPCOR perform the utility relocations within specific areas along the alignment prior to LRT construction.

#### SCHEDULE

Construction will begin on **Monday, May 25** and is expected to be completed by **end of July 2020**, weather permitting. The typical hours of construction will be **7:00 a.m. to 9:00 p.m. Monday to Friday**. If required, these hours may be extended, and construction may occur on Saturdays and Sundays from 9:00 a.m. to 7:00 p.m. While EPCOR has suspended some in-person services to protect our teams and customers, critical work continues with additional health and safety protocols in place. Timelines for this work are subject to change based on developments associated with COVID-19. Updates will be provided on [epcor.com](http://epcor.com).

We will take measures to ensure we 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.

#### RELOCATION DETAILS

Underground distribution infrastructure along 105 Street from 102 Avenue to 103 Avenue will be relocated to make way for future LRT track alignments. The maps on the next page show the approximate location of each work site for this project. A description of each work site is provided. Below are some general construction impacts:

- For road closures or lane reductions, signage will be placed prior to any work starting. Traffic flow will be maintained where possible.
- Signage will be used to manage traffic and notify pedestrians/cyclists of any necessary detours.
- All affected landscaping, pavement, sidewalks, and alleyways will be restored to their original condition.
- Restoration will take place between June and September, as weather permits.
- The construction area will be fenced and/or marked as a restricted area.

#### UPCOMING UTILITY RELOCATION WORK IN YOUR NEIGHBOURHOOD

More detailed information, including traffic impacts and a construction schedule, will be provided prior to starting additional upcoming utility relocation work.

- Relocation of the underground distribution infrastructure along 102 Avenue from 103 Street to 108 Street is currently underway. This work will be clear of the intersection by the end of May, and will continue east of 105 Street. The work is expected to be completed in early August.
- The installation of a ductbank along 103 Avenue from 105 Street to 108 Street is currently underway. The work is expected to be completed by the end of July.
- Water line work will be occurring on 107 St (102 Avenue to 104 Avenue) in July/August 2020 and additional details will be provided prior to construction.

May 2020

#### WORK AREA 1: 105 STREET FROM 102 AVENUE TO 103 AVENUE

Work is scheduled to begin on **May 25** and is expected to be completed by **mid-July**. During construction:

- Northbound lanes on 105 Street will be closed. Southbound lanes will be used to maintain two-way traffic.
- Westbound lanes on 102 Avenue will be closed. Eastbound lanes will be used to maintain two-way traffic.
- Temporary no parking along the northbound and southbound curb lanes along 105 Street.
- The bus stop located on the east side of 105 Street in front of the YMCA will be relocated further to the north.



#### WORK AREA 2: 102 AVENUE AND 105 STREET INTERSECTION

Work is scheduled to begin in **mid-June** and is expected to be completed by the **end of July**. During construction:

- Northbound lanes on 105 Street will be closed. Southbound lanes will be used to maintain two-way traffic.
- Eastbound lanes on 102 Avenue will be closed. Westbound lanes will be used to maintain two-way traffic.
- Temporary no parking along 102 Avenue between 104 Street and 105 Street will be required.
- The sidewalk on the southeast corner of the intersection will be closed for approximately two weeks.
- The bike lane at the intersection will be closed for approximately two weeks.



#### WHO DO I CONTACT FOR MORE INFORMATION?

EPCOR  
Tel: 780-412-4200  
Email: [EPCOR/projects@epcor.com](mailto:EPCOR/projects@epcor.com)

[epcor.com](http://epcor.com)





# Our Questions to You

- What is recommendation on the best way to communicate with your customers / clients / groups?
- What do you think will be the primary concerns about this project?
- How can we mitigate those concerns?
- Are there groups / customers that we should be engaging with to discuss specific issues or concerns?
- Does your organization have additional communication vehicles that we could leverage?



A photograph of a suburban street scene. In the foreground, a concrete sidewalk runs along a green lawn. To the left, several large, mature trees with thick trunks and dense green foliage line the street. In the background, a row of houses is visible. The house on the right is a two-story white house with black shutters and a small porch. Next to it is a yellow house with a grey shingled roof and a small porch. Further back, a red house is partially visible. A silver car is parked on the street to the left. The overall atmosphere is peaceful and residential.

# THANK YOU

**EPCOR**