



Welcome to
LAC LA BICHE
MAIN STREET REVITALIZATION
Drop-in Information Session

Tuesday, October 18, 2022
4:00 p.m. - 7:00 p.m.

PROJECT INTRODUCTION

As utility infrastructure (water, storm and sanitary lines) and roadway elements (pavement, curb, and sidewalks) age, there comes a time when it is beyond repair and complete systems must be replaced. To do so, existing pavement, sidewalks, and streetscape elements, such as lighting, trees, and benches need to be removed, as significant excavation is required to complete construction.

Infrastructure renewal projects are generally very infrequent - lifespan of underground infrastructure (i.e. the length of time before infrastructure needs replacement) is typically around 50+ years, and the cost to undertake such construction projects is prohibitive. Wanting to capitalize on the opportunity to do something special for the community while making the necessary infrastructure replacements, Lac La Biche County Council decided to revitalize 101 Avenue (or Main Street) in the Hamlet of Lac La Biche.

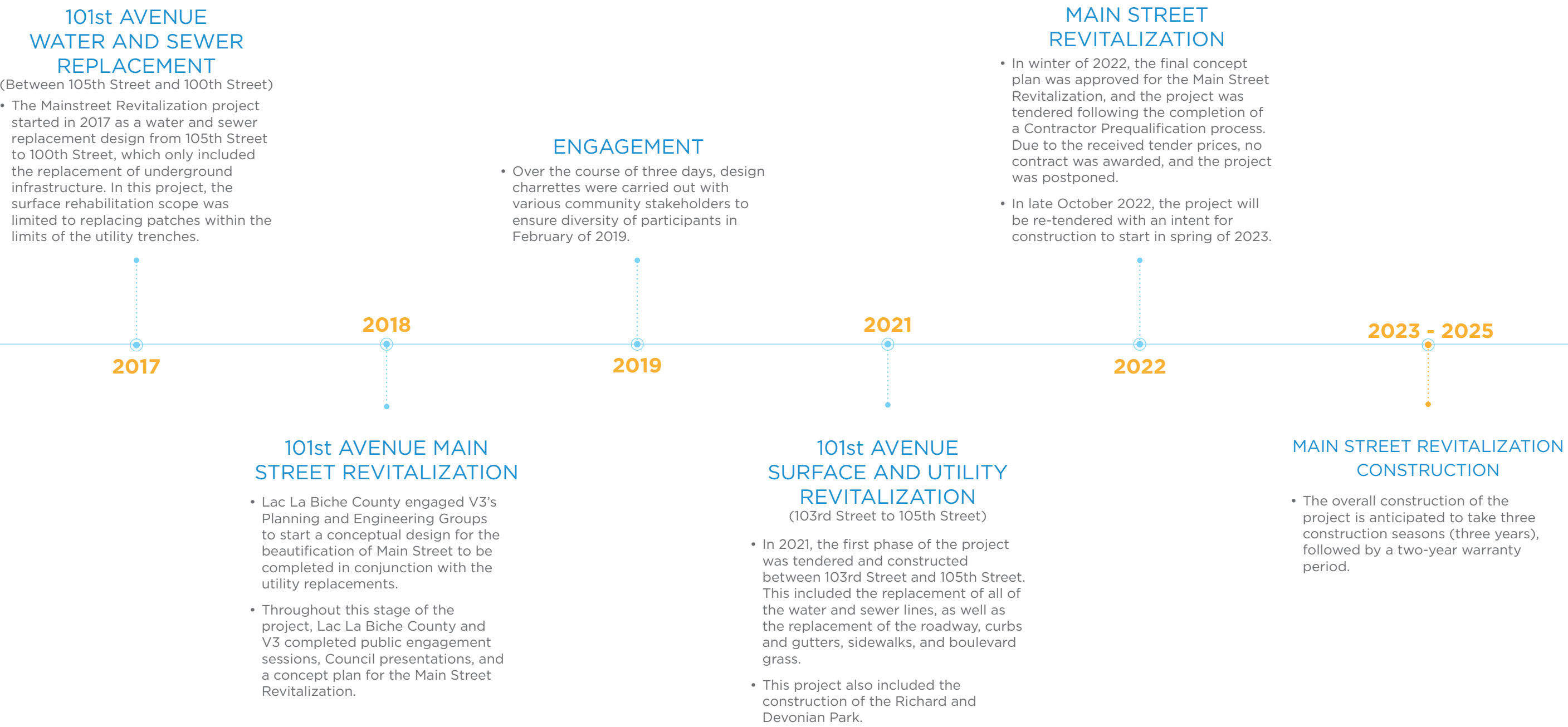
In short, the Main Street Revitalization project is about creating a great street that becomes a destination for locals and visitors alike, celebrating community identity in a safe place where people want to spend time and money.



BENEFITS OF THE MAIN STREET REVITALIZATION



PROJECT PROCESS



TENDER PROCESS

2022 TENDER

APRIL

- In 2021, we utilized a two-step pre-qualification method for tendering the project.
- Step one involved publicly posting a Request For Contractor Qualifications. This allowed contractors to submit responses which were evaluated based on contractor expertise, past project experience, safety performance, and other factors not related to pricing.
- Following the evaluation, the top six respondents were invited to tender the project.
- For a number of reasons, primarily industry-wide inflation rates, received tenders were higher than anticipated, and due to these costs, the project was not awarded and postponed for the 2022 construction season.

UPCOMING 2022 TENDER

OCTOBER - NOVEMBER

- Moving forward, Lac La Biche County will be proceeding with an open tender.
- The tender documents and drawings are posted publicly for all contractors to download and have the opportunity to submit pricing.
- Once pricing is received, the tenders will be evaluated on price, as well as other criteria such as relevant project experience, project team, references, etc.
- Using the public tender format, more competition between contractors is expected.

CONSTRUCTION PROCESS

2023-2025

01 | MOBILIZATION

Contractors move equipment and materials to site, and begin setting up public safety and traffic accommodation measures, such as barricades, temporary fencing, etc.



02 | TEMPORARY WATER, REMOVALS

Businesses and residents impacted by the water main replacement will be connected to a temporary water source during construction to provide safe, clean drinking water throughout the project.



03 | UNDERGROUND UTILITY REPLACEMENTS

Contractors will excavate and replace the deep underground utilities typically starting with water mains and sanitary sewers, followed by water and sanitary sewer services to the buildings, and storm sewers.

04 | SHALLOW UTILITY AND STREETScape ELEMENTS

Upon completion of the deep utility backfill, powerlines to the new street lights will be installed, along with the soil cell systems, and piles/foundations for the streetscape elements.

05 | SURFACE WORKS

New concrete curbs and sidewalks will be poured, and the new roadway will be paved. This includes compaction of the subgrade, and placement of gravel beneath the concrete and asphalt.



06 | STREETScape FEATURES, LANDSCAPING, AND TRAFFIC LIGHTS

All of the remaining above ground features will be installed and the revitalization project is complete.



CONSTRUCTION FREQUENTLY ASKED QUESTIONS

Q: Is the temporary water supply safe?

A: Yes, temporary water lines are installed using materials rated for potable water, and the lines are disinfected to the same standard as your normal home water service.

Q: Will my water supply be interrupted?

A: Despite our best efforts to design the project without turning off water supply, this is a necessary step as water lines do need to be turned off in order to connect the new lines. Any disruptions to the water supply will be communicated to you well in advance and will be limited to 8-hour periods or less.

Q: Why is my drinking water discoloured?

A: During the construction process, vibrations caused by the work and flushing of water lines can cause turbidity in the water supply. If this happens, please notify one of the site contacts, and run a tap until the line is clean, this should only take a few minutes.

Q: How much noise will there be during construction?

A: Construction is inherently noisy, and noise levels vary depending on the stage of construction. Contractors will only be permitted to work within the allowable hours in accordance with Lac La Biche County's noise bylaws.

Q: Where will customers park during construction?

A: There are a number of parking options near the project area. The County currently has a gravel parking lot central to the project south of 101st Avenue at 102nd Street. Parking is also available at McArthur Park near the east end of the project. Street parking will remain available along 101st Avenue when it is safe to keep it open to the public outside of active work zones.

Q: Will my business access be blocked?

A: The unfortunate reality with this type of work is that there will likely be construction blocking business accesses intermittently during construction. Having said that, the project team will work with your business to accommodate this as much as possible to limit the impact to your business.

During utility construction, sidewalks will remain mostly intact, until such a time that the water and sewer services need to be replaced or the soil cells beneath the sidewalk are excavated for instance. When contractors are not actively working in front of your business, alternate pedestrian routes or temporary walking surfaces will be provided to keep the walkways as barrier free as possible.

Q: Why was the road excavated multiple times in the same location?

Beneath the roadway there are many pipes that need to be replaced. These include sanitary sewers, water mains, storm sewers, and lot services. While it may seem like these excavations are in the same place, they are actually a few meters apart, so because of the space constraints of neighbourhood renewals they need to be excavated separately. This is actually more efficient in some projects than trying to excavate them all at the same time.

Q: What are the Contractors hours of work?

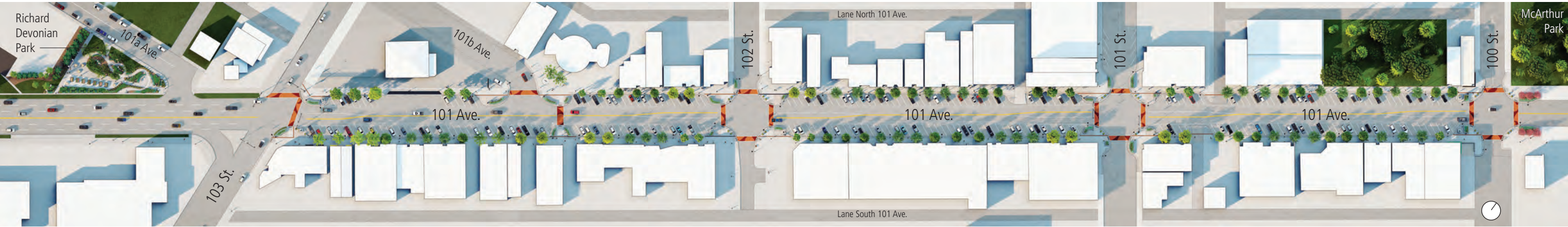
Each contractor has their own hours of work for their business; however, it is very typical for contractors to work from 7 am to 7 pm on Monday to Saturday, and may occasionally work Sundays (again, working within the County Bylaws).

Q: Will there be dust or dirty roads caused by Construction?

Airborne dust can be produced by construction equipment, but the project team will make every effort to combat the dust by watering the high traffic areas. Similarly, areas off-site where mud has been tracked on to the roads will be regularly cleaned by the contractor.

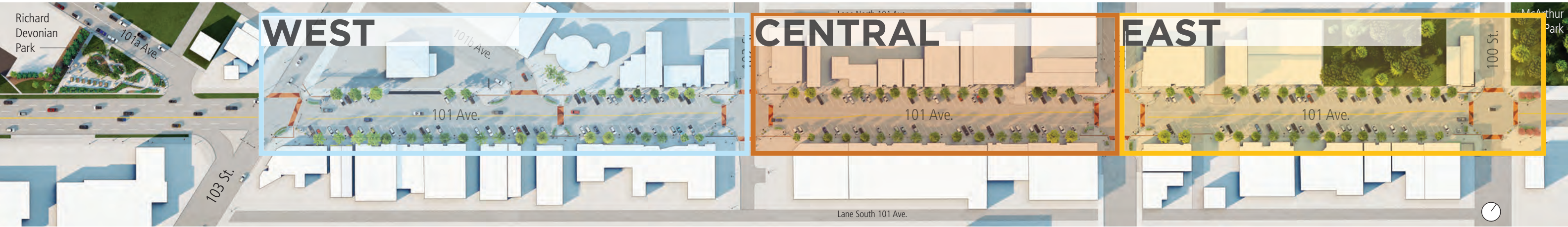
OVERALL PLAN

Below is a graphic representation of the future Main Street.



PROJECT PHASING

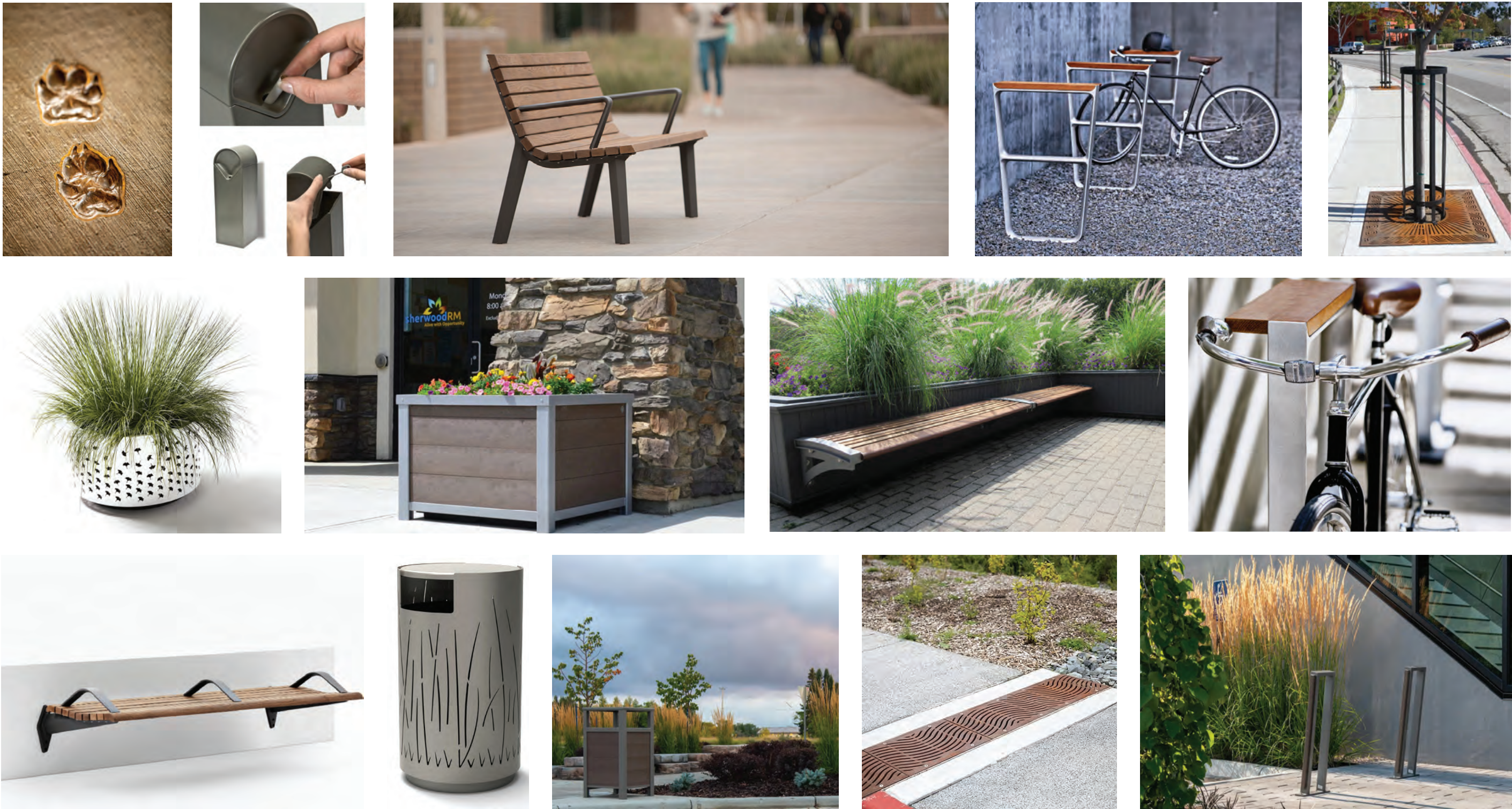
The project is forecasted to be completed in three stages. Sequencing of the staging will be determined as part of the re-tendering process.



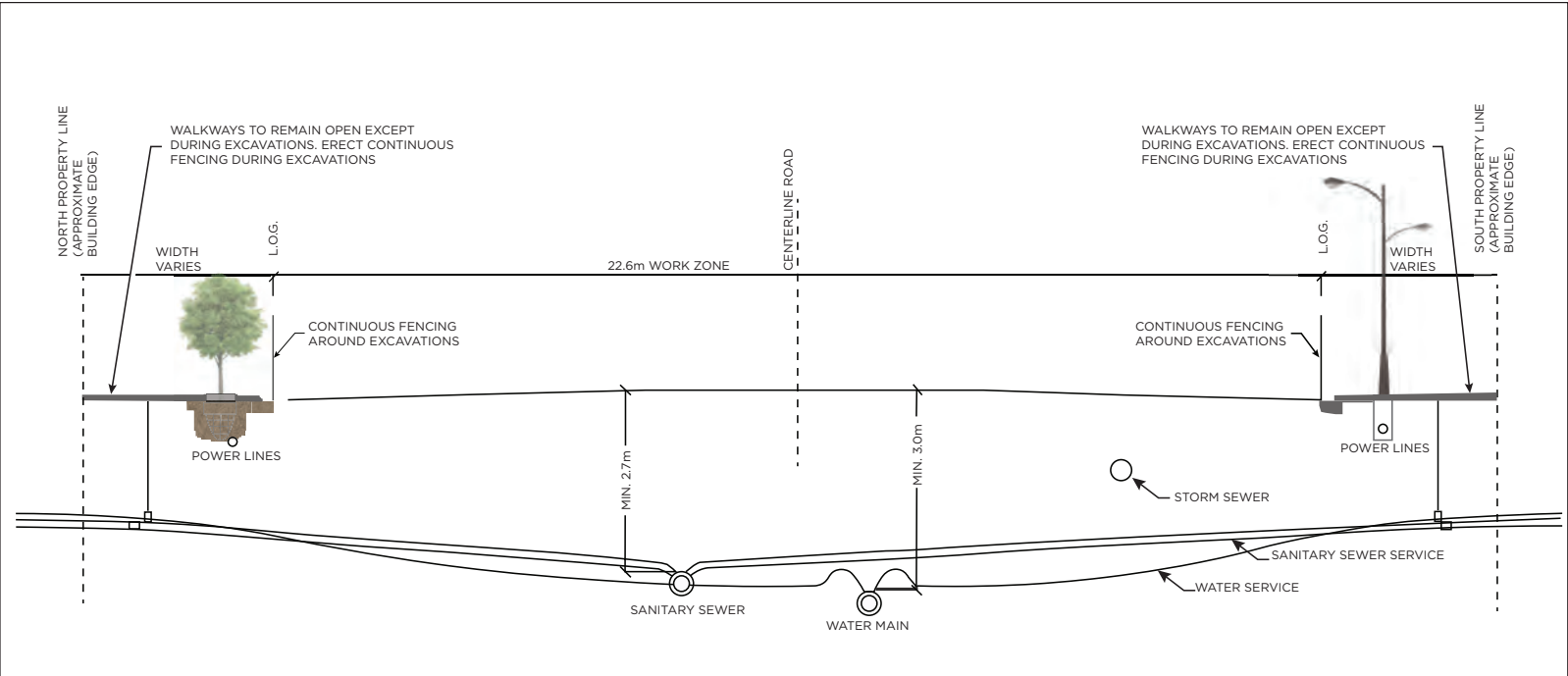
PARKING



EXAMPLES OF ABOVE GROUND ELEMENTS



EXAMPLES OF BELOW GROUND ELEMENTS



Engineering Drawing Roadway Cross Section with Utilities.



Trenching a water main.



Crews installing water and sewer lot services.



Installation of a fire hydrant.



Crews installing sanitary sewer main and manhole.









Ways to Stay Involved



Contact **Ali Memon, P. Eng.**, Manager of Engineering Services,
at **780-623-6801** or **ali.memon@laclabichedcounty.com** for more information.



Visit **www.laclabichedcounty.com** and fill out the online **Main Street Revitalization 'Stay Connected'** section.



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