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

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

LAC LA BICHE MAIN STREET REVITALIZATION Drop-in Information Session | October 18, 2022





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.











Lac La Biche County welcoming by nature.





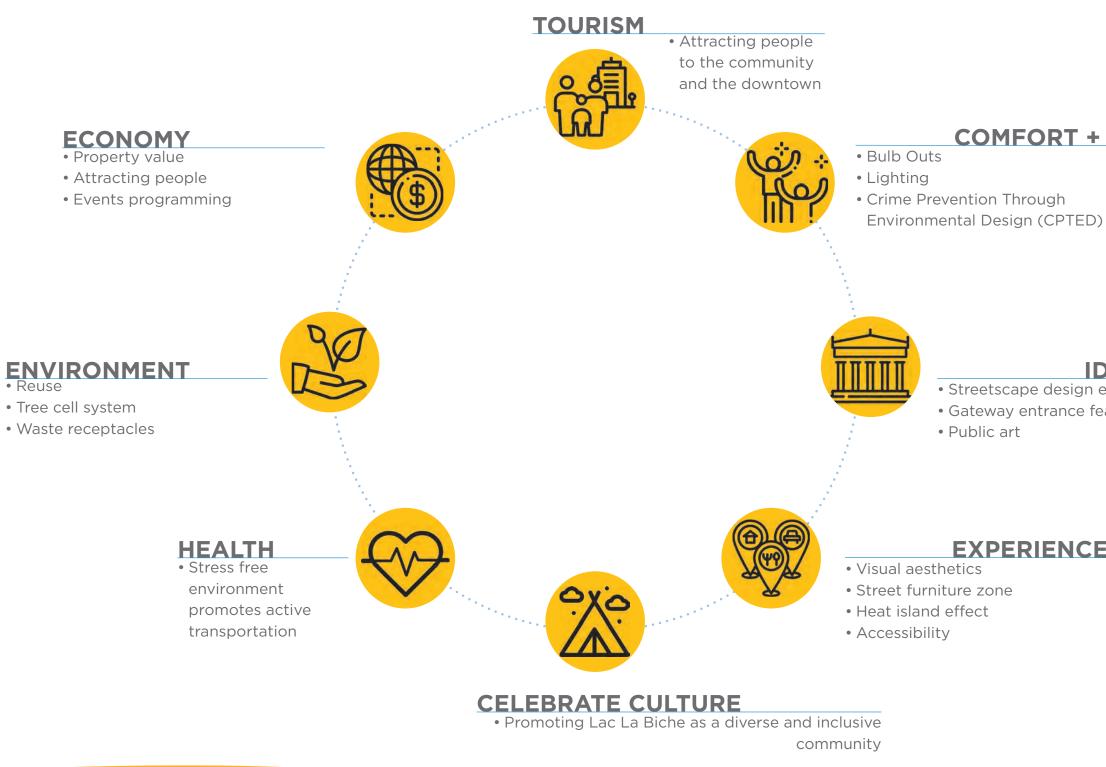


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BENEFITS OF THE MAIN STREET REVITALIZATION



LAC LA BICHE MAIN STREET REVITALIZATION



COMFORT + SAFETY

IDENTITY

• Streetscape design elements • Gateway entrance features

EXPERIENCE



elcoming by nature

PROJECT PROCESS

101st AVENUE WATER AND SEWER REPLACEMENT

(Between 105th Street and 100th Street)

• The Mainstreet Revitalization project started in 2017 as a water and sewer replacement design from 105th Street to 100th Street, which only included the replacement of underground infrastructure. In this project, the surface rehabilitation scope was limited to replacing patches within the limits of the utility trenches.

2017

ENGAGEMENT

• Over the course of three days, design charrettes were carried out with various community stakeholders to ensure diversity of participants in February of 2019.

2019

MAIN STREET REVITALIZATION

- In winter of 2022, the final concept plan was approved for the Main Street Revitalization, and the project was tendered following the completion of a Contractor Pregualification process. Due to the received tender prices, no contract was awarded, and the project was postponed.
- In late October 2022, the project will be re-tendered with an intent for construction to start in spring of 2023.

2022

101st AVENUE MAIN STREET REVITALIZATION

2018

- Lac La Biche County engaged V3's Planning and Engineering Groups to start a conceptual design for the beautification of Main Street to be completed in conjunction with the utility replacements.
- Throughout this stage of the project, Lac La Biche County and V3 completed public engagement sessions. Council presentations, and a concept plan for the Main Street Revitalization.

101st AVENUE SURFACE AND UTILITY REVITALIZATION

2021

(103rd Street to 105th Street)

- In 2021, the first phase of the project was tendered and constructed between 103rd Street and 105th Street. This included the replacement of all of the water and sewer lines, as well as the replacement of the roadway, curbs and gutters, sidewalks, and boulevard arass.
- This project also included the construction of the Richard and Devonian Park.

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MAIN STREET REVITALIZATION CONSTRUCTION

• The overall construction of the project is anticipated to take three construction seasons (three years), followed by a two-year warranty period.



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.

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Lac La Biche Count

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.

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05 | SURFACE WORKS

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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.

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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

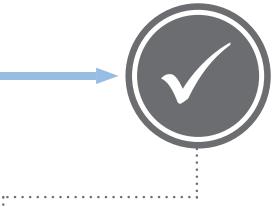
- Contractors will excavate and replace the deep
- underground utilities typically starting with water
- mains and sanitary sewers, followed by water and
- sanitary sewer services to the buildings, and storm
- sewers.

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.



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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.

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.

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.

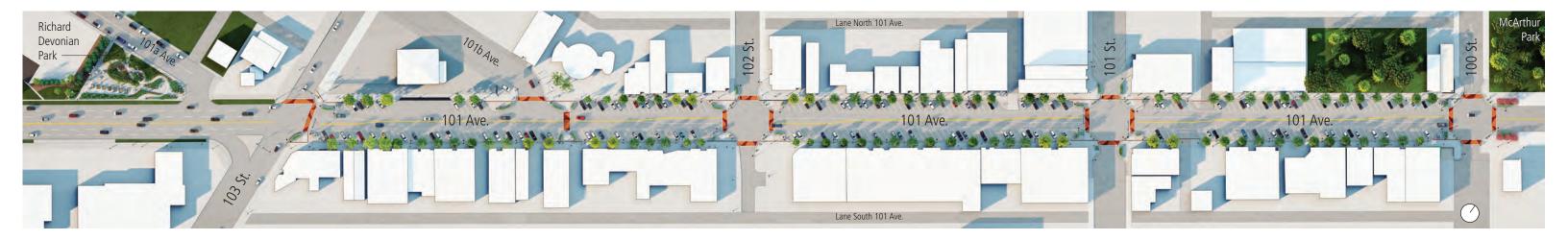
Q: Why was the road excavated multiple times in the same location?

Q: What are the Contractors hours of





Below is a graphic representation of the future Main Street.



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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.



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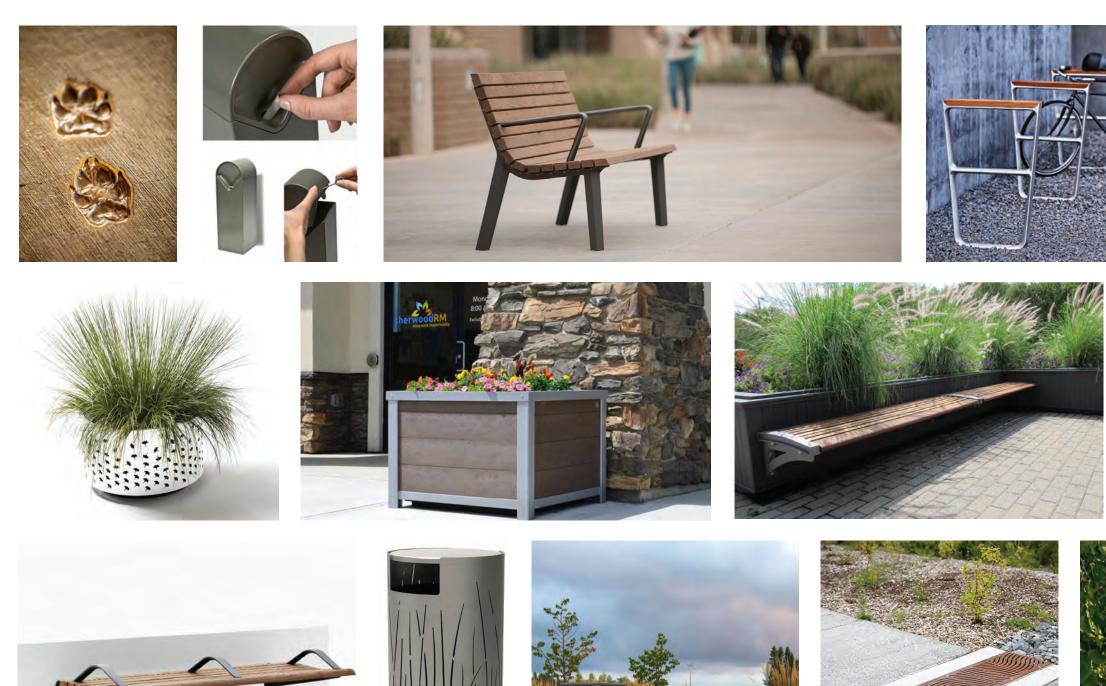




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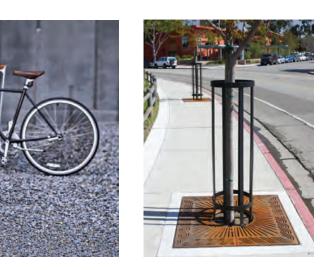


EXAMPLES OF ABOVE GROUND ELEMENTS



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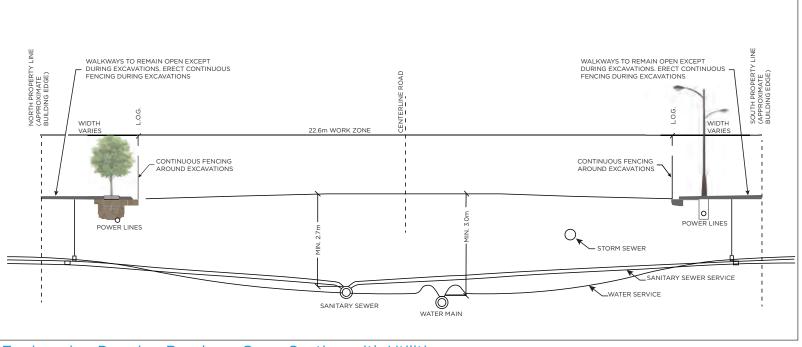








EXAMPLES OF BELOW GROUND ELEMENTS



Engineering Drawing Roadway Cross Section with Utilities.



Crews installing water and sewer lot services.



Installation of a fire hydrant.



Trenching a water main.



Crews installing sanitary sewer main and manhole.







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Ways to Stay Involved



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



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



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