



Great Excavate Information Session

Phase 1 - Beckwith St Downtown Renewal



Sept 10/19

Overview

1. Project Drivers - Why Beckwith Street
2. Project Scope / Funding Sources
3. Timing
4. Impacts on Business/Residents
5. Roles
6. Introduce Ottawa Greenbelt Team / Project Overview
7. DBA - Questions

Why Beckwith Street ?

Why is this infrastructure project important to our community?

Watermains

- > 100 years old – operating beyond useful service life
- Undersized for modern fire flow demands
- Cast iron mains include lead components/lead services

Sanitary Sewers

- > 100 years old – operating beyond useful service life
- Clay sewers in poor structural condition / significant infiltration
- Combined systems have to be separated or face increased risk of back-ups

Why Beckwith Street ?



Early 1900's - 4" Cast Iron Watermain

Why Beckwith Street ?



**Sewer Tunnel Crossing Beckwith (1m x 1m)
(and under Young Drivers of Canada)**

Why Beckwith Street ?

Storm Drainage

- History of flooding in downtown – new systems needed
- Surface drainage is currently sent to sewage treatment plant and treated at an unnecessary expense (electricity, chemicals)
- Sewage odours affecting outdoor uses (road drains tied to sanitary)

Roads

- Beckwith is one of the highest volume arterial roads (AADT of 21,000)
- Beckwith also has the worst condition rating of all arterial segments
- Geotechnical review - inadequate granular base / poor asphalt
- Sidewalks are uneven and in need of replacement
- Accessible parking facilities are sub-standard

Why Beckwith Street ?

Traffic Signals

- Traffic signal hardware and controllers are outdated – fixed timing systems “drift”
- Pedestrian activated signals absent at most intersections
- Signalization does not meet provincial standard for accessibility

Roadway Lighting

- Illumination levels do not meet IES Standards (RP-8)
- Lighting fixtures are induction style and no longer considered “energy efficient” – well below performance of new LED

Why Beckwith Street ?

Downtown Revitalization and Waterfront Integration Master Plan

- Vision for downtown and waterfront renewal established through public consultations in 2013
- Policy adopted under Bylaw 8576-2013 (May 6, 2013)

Strategic Plan 2019 - 2022

- Strategic Priority # 3 – Transportation Networks
- Item 3.7 – Complete Beckwith Street Redevelopment Phases 1 and 2

Why Beckwith Street ?



Project Scope

- Excavation for new water, sewer and storm drainage systems
- Service lines replaced to buildings and through foundation walls where landowners grant access (galvanized/lead water services)
- New granular road base and pavement structures
- New black traffic signals and controller systems at Chambers, Main and Russell / countdown pedestrian lights
- New ornamental lighting (banners/baskets/duplex plugs)
- New street trees with tree grates and watering systems
- Cycle track and wider pedestrian sidewalks
- Coloured/textured finishes (mountable islands, intersection bulbs)
- Street furnishings – benches, bike racks and waste baskets

Project - Funding

- \$8.2M Project Cost
- \$5.4M Grants
- \$2.8M Municipal Component
- (OCIF Top UP 2017 GRANT – Sanitary Storm Sewers (\$933k)
- MTO Connecting Link Funding 2019/2020 – Roads (\$2.1M)
- **66% funded** by Federal and Provincial Grants



Timing

Fall Mobilization = Earlier wrap up in 2020

Fall Mobilization = More work outside of swing bridge operations

- **Original Tender** - April 26 to Nov 1 2019 (weather permitting)
- **Current Contract** - early OCT – DEC (fall mobilization 2019)
- Only the lower block of Chambers to Main
- Water and sewer work only followed by temporary asphalt
- SB traffic maintained / NB traffic detoured
- Half road space fenced off (6' modu-lock fence)
- Sidewalks will be left open
- Will review parking on west side (if there's space it will be kept)
- Contractor parking/staging TBD
- **Re-mobilize** in March 2020 (weather permitting)

How might this affect me?

- Traffic Detours / Lane Closures
- Less Parking Available on Beckwith during Construction
- Waste and Recycling Pick Up – Curbside
- Loading and Delivery Needs and Schedules
- Scheduled Service Interruptions (water/sewer)
- Alternate Entrance Options (if available)
- Interior Plumbing Work – Coordinated – 2020
- Temporary Patios – Summer 2020

Town Role with DBA

Working collaboratively on project since early 2018

- Establish project contacts and communication lines
- Communicate detours and road closures to public
- Regularly update Q&A's to help business
- Implement best practices (learn from others, fencing, signage plans, pedestrian management plans etc...)
- Support DBA signage programs and parking area plans
- Regular meetings and check-ins
- Provide regular updates on work progress – “share challenges”
- Plan and accommodate events – Remembrance Day / Santa Clause Parade etc...

Businesses / Resident Role

- Provide contact information / alternates
- Stay informed - communication updates from DBA/Town website
- Access and utilize resource materials supplied by DBA
- Keep employees and suppliers informed
- Use defined communication channels
- Share business hours, loading/unloading practices
- Label your blue and yellow boxes (address)
- Identify needs as they relate to utility disruptions
- Report issues early...before they escalate
- Foster good relations with on-site contractors

Contractor Role

- Provide contact information to businesses
- Interact with individual business on sequence of work
- Participate in meeting updates with DBA/Town
- Maintain good pedestrian facilities – follow pedestrian management plan
- Deliver on contractual obligations
- Respond timely to changes (Town shares this responsibility)
- Reduce downtime in workflow planning
- Report regularly on schedule / threats to schedule

Ottawa Greenbelt Construction Company

General Contractor - Project Team 2019/2020

- Bernie Ingimundson – Senior Project Advisor (45 yrs exp)
- Darrin Alberty – Assistant General Manager (20 yrs exp)
- Dave Ingimundson – General Superintendent (13 yrs exp)
- Riley Smith – Project Coordinator (3 yrs exp)

Sub-Contractors (confirmed)

- Tomlinson – City Division – Concrete and Asphalt
- O'Learys (concrete)
- Black and MacDonald (electrical)
- UCC Group (landscaping)



Ottawa Greenbelt Construction Company

PORTFOLIO - Related Reconstruction Projects

- Bronson Avenue Reconstruction (2019/2012)
- Queen Street Renewal (2013)
- Churchill Avenue Rehabilitation (2013)
- Sussex Dr. Reconstruction (2013)
- Wellington St. Reconstruction (2013)
- Bank Street Reconstruction (2011)



QUESTIONS