



ENGINEERING AND
PUBLIC WORKS

Project Timeline Update

Muskoka Road 3 – King William Street

Community Information Session #3 – June 13, 2019
Active Living Centre, Town of Huntsville

Community Information Session – June 13, 2019

WELCOME

6:30pm: Welcome and Introductions

6:40pm: King William Street Update - Presentation

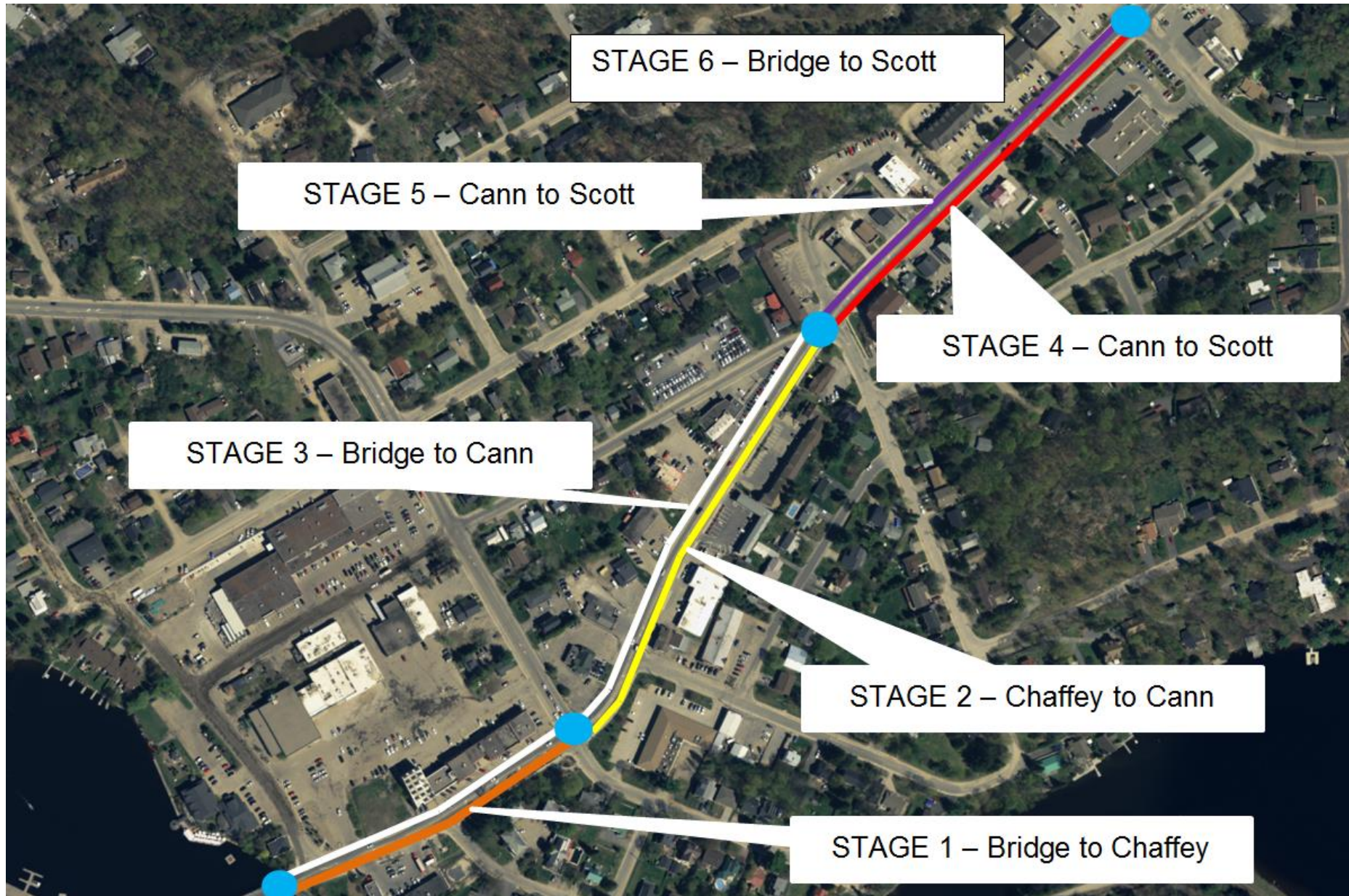
Mark Misko, Director, Engineering and Transportation

7:00pm: Next Steps / Questions and Answers

Muskoka Road 3 – King William

CURRENT STAGING AND TIMELINE

King William – 6 Construction Stages



Stage Descriptions

Stage 1 – Bridge to Chaffey

Install and commission sewers and base course of asphalt on south side of KW

Stage 2 – Chaffey to Cann

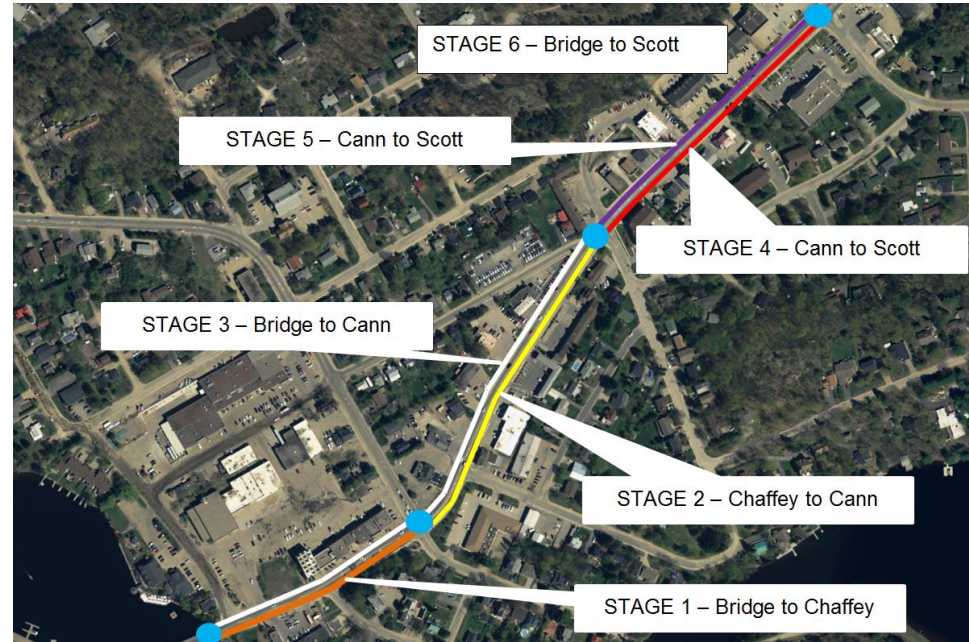
Complete sewers, base asphalt and curb and gutter. Use of Cann St as detour for westbound traffic

Stage 3 – Bridge to Cann

Service Laterals, catch basins and surface works on north side of KW. Complete base asphalt

Stage 4 – Cann to Scott

Install and commission sewers, base asphalt and C&G on south side of KW.



Stage 5 – Cann to Scott

Base asphalt and C&G on north side of KW. Sewers complete. KW is open on base asphalt.

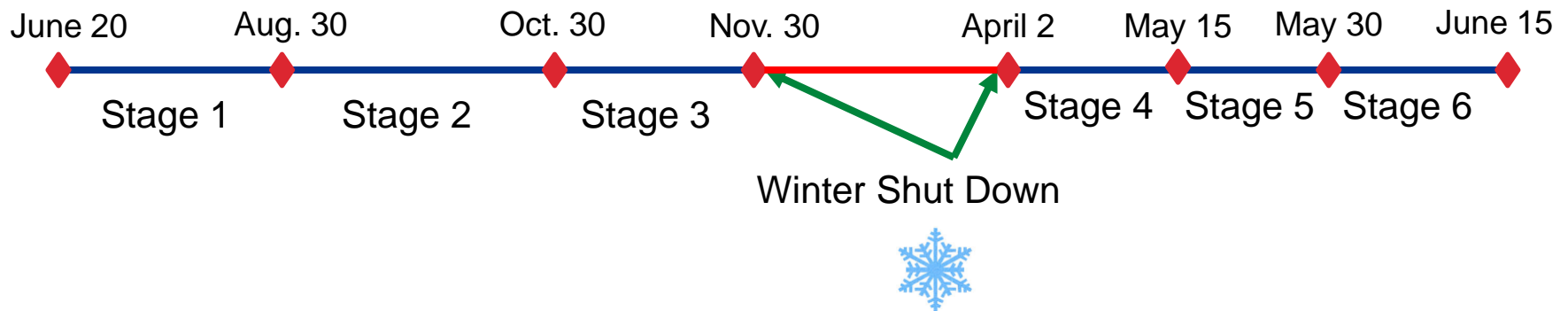
Stage 6 – Bridge to Scott

Paving of final surface course and line painting. Lane reductions only



Submitted Contract Timeline

Baseline Schedule



◆ = Milestone Date (i.e. Contractor not allowed to progress to next stage of work until previous stage completed)



Options to Accelerate

1. Provide Contractor Additional Flexibility in Stages 1-5

Would allow a more site-wide approach to construction and provide efficiencies (i.e. continue with sewer install into stage 2 prior to without stage 1 asphalt completion requirements).

2. Increased Lane Restrictions

Stage 1 is deepest part of excavation. Allowing Contractor use of 2 lanes for construction instead of 1 through this section increases operating space, staging and speed of construction. Traffic controlled through single lane passage through here (weekends would be two lanes)

3. Extension of Hours

Currently designated as 7am to 7pm (weekdays only). Extension of hours to 7am-9pm (and possible inclusion of weekends) would assist in accelerated completion.



Discussions to Date

Mandatory pre-bid meetings were held in April 2019 with potential contractors to discuss:

1. Scope of work;
2. Perceived challenges
(narrow work areas, maintaining property access, utilities);
3. Schedule and staging;
4. Contractor Communication with Community; and
5. Questions and Clarifications.



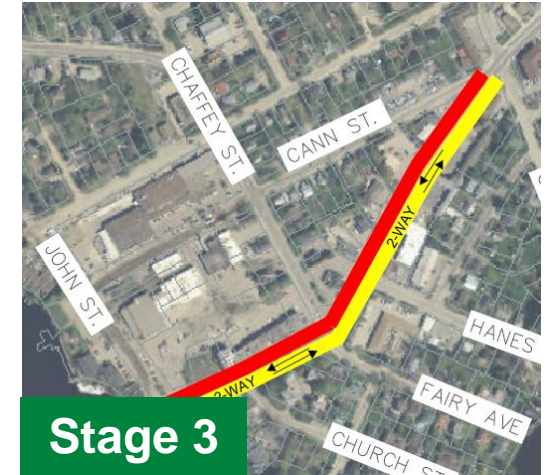
What Was Considered?

1. Full road closures; ✗
2. 24/7 Construction; ✗
3. Early Completion Bonuses; ✗
4. Increase Delay Penalties (Liquidated Damages); ✓
5. Reserving right to **not** award to lowest bid received based on observed costs/schedule. ✓

Both the baseline and accelerated schedule are included in the tender documents with a requirement to provide traffic staging, schedule and cost submissions for each option. Current low bid indicates the baseline schedule is more cost effective and preferred from a resource capacity perspective



Traffic Staging Diagrams – Baseline Schedule



Managing Disturbances

Possible Disturbance	How they May Be Managed
Traffic Disruption	<ul style="list-style-type: none"> • Staging of construction (<i>July / August will be constrained to between the bridge and Chaffey</i>) • Maintaining one lane of traffic each way • Alternative routes with advanced warning signage
Disruption of Pedestrian Traffic	<ul style="list-style-type: none"> • Maintain sidewalks or walking routes where possible • Maintain access to business entrances • Minimize timing between sidewalk removal and sidewalk replacement
Business Disruptions	<ul style="list-style-type: none"> • Notification to businesses • Stakeholder Communication (EngageMuskoka, Community Information Sessions) • On-site inspector • Staging of construction • Maintaining access to businesses • Advanced notice and selective timing for water/sewer disruptions
Noise and Dust	<ul style="list-style-type: none"> • Drilling or blasting operations or other loud operations restricted to between hours of 7:00 am and 7:00 pm Monday to Friday (as per Town of Huntsville Noise bylaw) • Dust control measures as per OPSS.MUNI 506 (the Ontario Provincial Standard Specification for dust suppression)
Health and Safety	<ul style="list-style-type: none"> • Use of temporary concrete barriers between live lanes of traffic and construction zone/trench excavation • Time limitations for loud noise • Dust suppression

Keeping You Informed / Get Involved!

- **Planned Notifications:**
 - General Notice – construction schedule
 - Local notices - 1 week before road closure and removal of asphalt
 - Advance roadside notification of traffic disruptions / alternative routes
 - 24-hour advance notice for water / sewer disruptions prior to connection work
 - 72-hour advance notice to affected residents/businesses for sidewalk removal works



Businesses/residents will also be provided with a key point of contact for immediate answers/assistance, during the project.




KW Important Dates - 2019

Tender Closing	June 12, 2019
Selection & Award of Successful Tender Contractor	June 19, 2019
Construction Start Date	June 20, 2019
Completion of Stage 1-3 (Bridge to Cann Street)	Nov 30, 2019
Completion of Stage 4-5 (Cann to Scott Street)	May 30, 2020
Completion of Stage 6 (Top lift of Asphalt)	June 15, 2020



King William - Next Steps...

- ✓ 1. **Close Tender** (June 12th) — *this confirmed costs and schedule*
2. **Community Information Session #3**
 -  Input on: i) Required water shut off timing
ii) Construction Activity
(weekdays / weekends / evenings?)
3. District Council Report to recommend award (June 17th)
4. Formal Contract Award (June 20th)



Thank You

QUESTIONS?

ALTERNATE ROUTES



Example "Open for Business" Sign

