

Regional Road 20 & Balfour Street Intersection Improvements PIC

**MOVING
ROADS
FORWARD**

CONNECTING MORE PEOPLE TO MORE POSSIBILITIES

House Keeping

- **Be respectful**
- **One speaker at a time:** Address questions/comments through the moderator.
 - **Ask one question at a time** (you can re-queue for additional questions).
 - **Time limits:** Keep questions concise; the moderator may limit to (e.g., 1 minute per question) to ensure everyone has a chance.
 - **No interruptions:** Let speakers finish; the moderator will manage the queue.
- **Cell Phones off or on Vibrate:** If you need to take a call, please take it outside of the hall

Regional Road 20 & Balfour Street Intersection Improvements



Public Information Center – March 5, 2026

Overview

- Current Conditions and Safety Concerns
- Review of 2 Options
 - Traffic Signal
 - Roundabout
- Impacts on Agricultural Equipment
- Next Steps



Current Conditions

- Stop control on north and south of Balfour Street
- Regional Road 20 is a through street with priority
- Used by:
 - Passenger vehicles and is a Truck Route
 - Farm equipment
 - School transportation
- Rural setting with no active transportation present



Safety Concerns

- Between 2020 and 2025, 13 (reported) collisions have occurred.
- Common theme and/or factors:
 - Drivers entering Regional Road 20 failing to yield
 - Side-impact (T-bone) crashes
 - Collisions occurring during normal weather and daylight
- 50% of the accidents were caused by the driver failing to yield.



Intersection Options

Traffic Signal



Roundabout



Option 1 Traffic Signal

- Driver familiarity
- Drivers cross traffic perpendicular.
- Balfour Street and RR 20 may include protected/permissive designated left turn lane (arrow then yield)
- RR 20 will have the longer green time due to higher traffic volumes and priority.





Traffic Signals

Pros and Cons



Pros

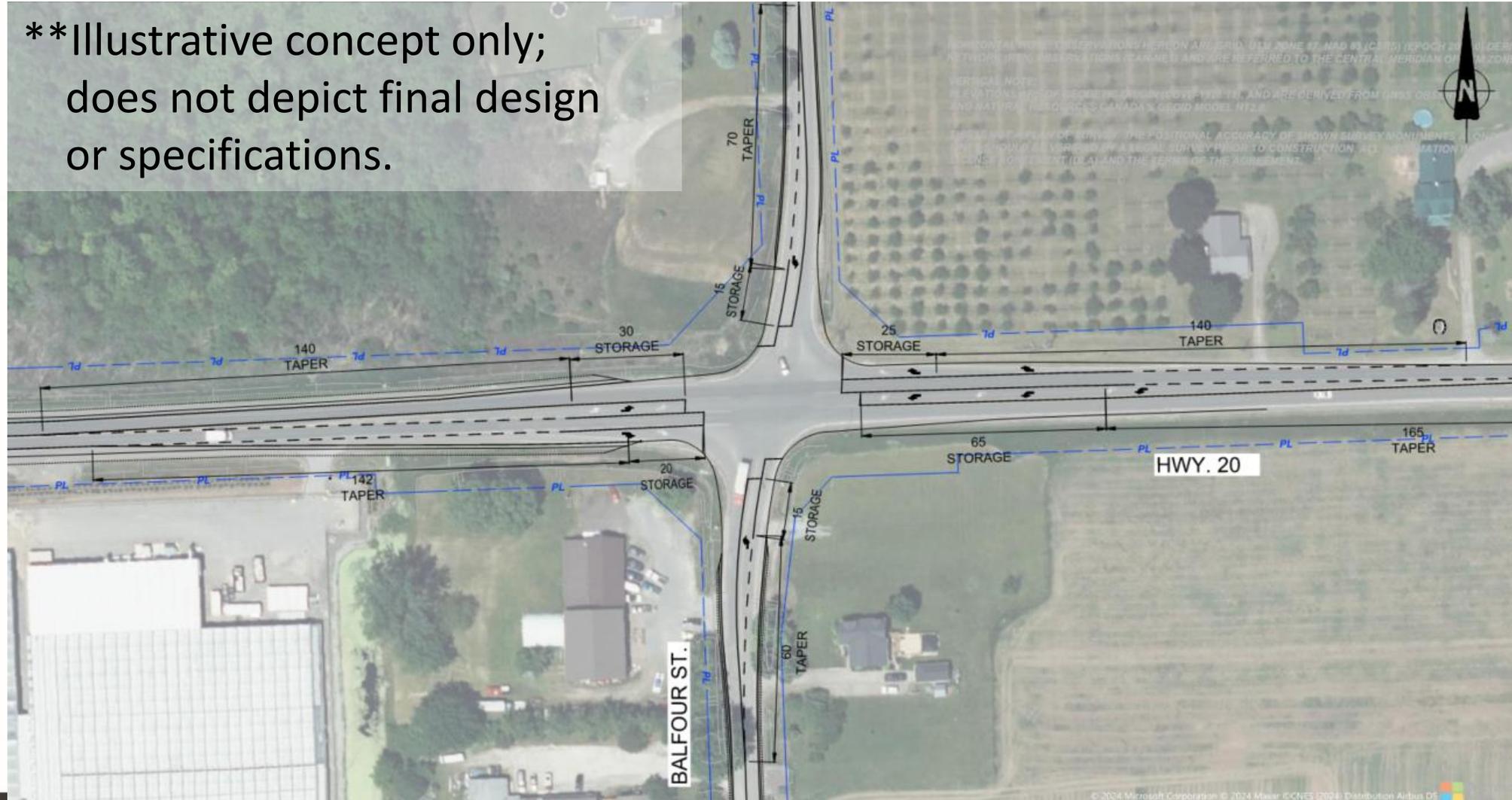
- Assign right-of-way clearly
- Reduce confusion (comfort)
- Manages high traffic volumes

Cons

- High-speed crossing movements
- Red-light running crashes
- Predominant collisions are angle collisions
- Vehicles fail to yield
- Vulnerable to power outages and equipment failure
- 32 conflict points

Traffic Signal Geometric Design

**Illustrative concept only;
does not depict final design
or specifications.



Option 2 Roundabout

- The roundabout will include a centre island landscaped with trees and vegetation.
- Lower delays and shorter queues
- Drivers merge rather than cross traffic and enter intersection at a lower rate of speed (25-35km/h) – fastest path





Roundabout Pros and Cons



Pros

- Slows traffic and reduces severity of crashes
- Keeps traffic moving, even in outages
- Fewer delays and shorter queues
- Can add landscaping and improve aesthetics
- Lower long-term maintenance and costs

Cons

- Higher upfront cost
- Needs more space
- Lengthier construction process
- Less familiar to motorists

Roundabout Geometric Design

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Impacts on Agricultural Equipment



Current Intersection:

- Wait for large gaps
- Accelerate quickly across lanes
- Judge two-way high-speed traffic

Traffic Signal:

- Judge high-speed traffic when turning left
- Long queue times
- Slow acceleration leads to congestion

Roundabout:

- Yield to one direction only
- Merge into slower circulating traffic
- Truck aprons provide extra clearance for large vehicles (buffer zone)
- Lower speeds make gaps easier to judge and acceleration easier.

Next Steps

- Q&A / discussion (tonight)
- Complete comment form – choose preferred Option
 - Drop in box (tonight) or email by March 19
- Presentation posted on website following this PIC

- Review comments and concerns
- Re-engage with mayor & councillors
- Public announcement of decision; residents will be contacted directly

- Detailed design (~1–1.5 years)
- Construction target 2029, pending budget approval

For any comments or questions, please contact the following key contact:

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QUESTIONS?



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