

Brian Coburn Boulevard / Cumberland Transitway Environmental Assessment Study

Final Public/Business Consultation Group Meeting #4

Transportation Services Department



June 16, 2021

Agenda

- Introductions
- Presentation Overview
 - Study Update
 - Recommended Ultimate and Interim Designs
 - Potential Environmental Effects and Mitigation Measures
 - Next Steps
- Questions / Discussion



#2

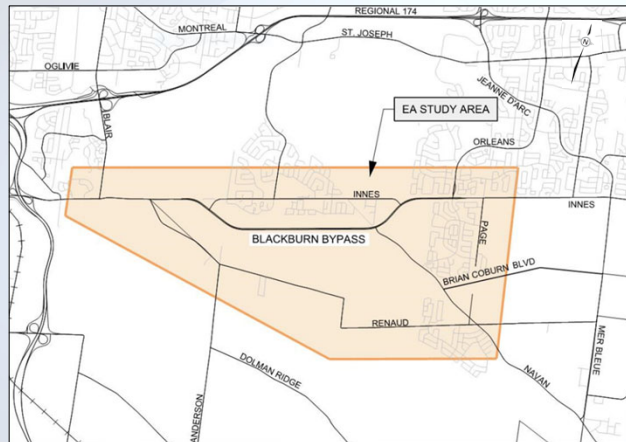
STUDY UPDATE



#3

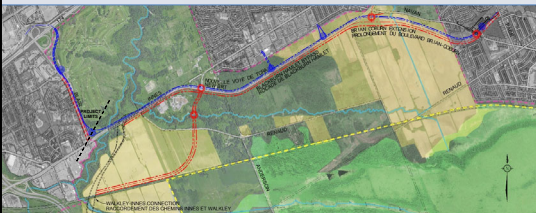
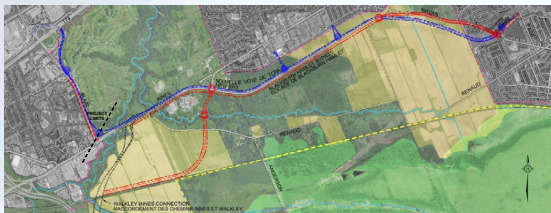


Study Update


- Status of BCBE/CTW EA Study
- Design alternatives have been assessed
- 2 Project Horizons
 - Interim Phase
 - Ultimate Phase
- Blair Road Transit Priority EA separated (<http://www.ottawa.ca/blairroad>)



#4

Short-Listed Corridor Options

OPTION 1	OPTION 4
	
OPTION 5	OPTION 7 – TECHNICALLY PREFERRED
	

 #5

RECOMMENDED ULTIMATE DESIGN

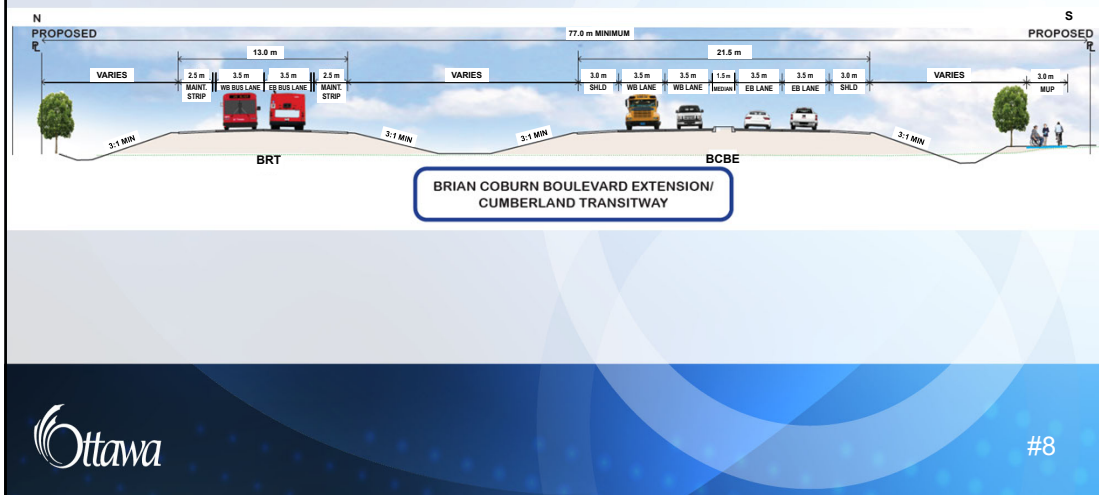
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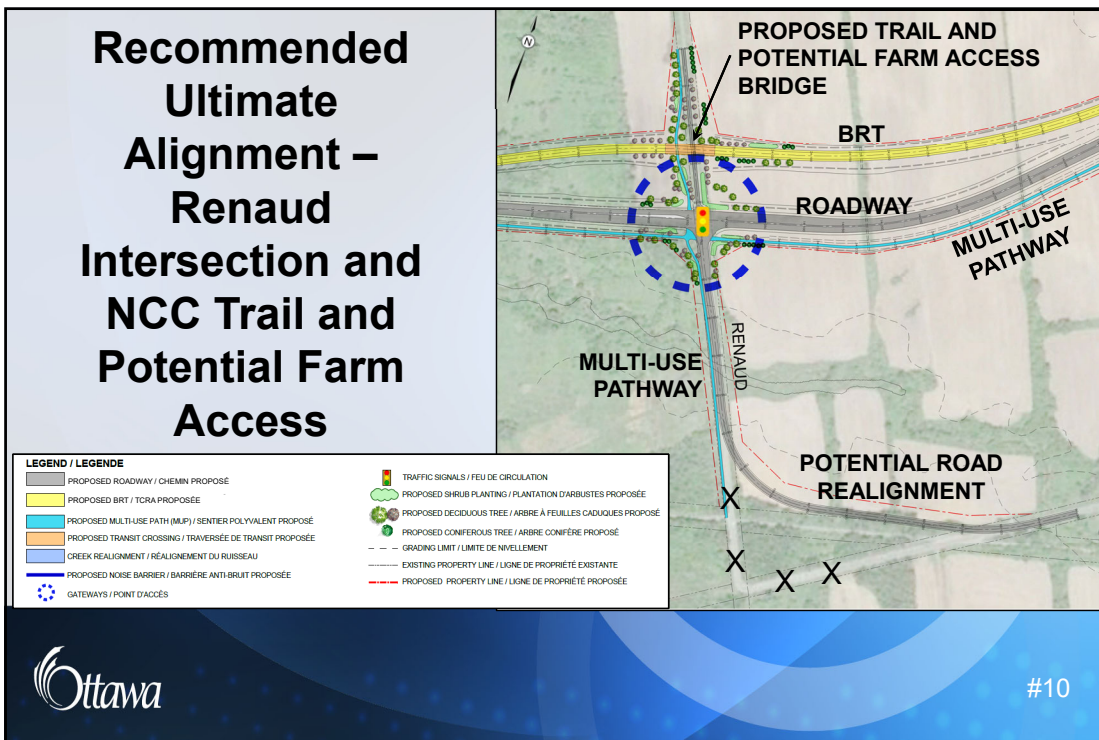
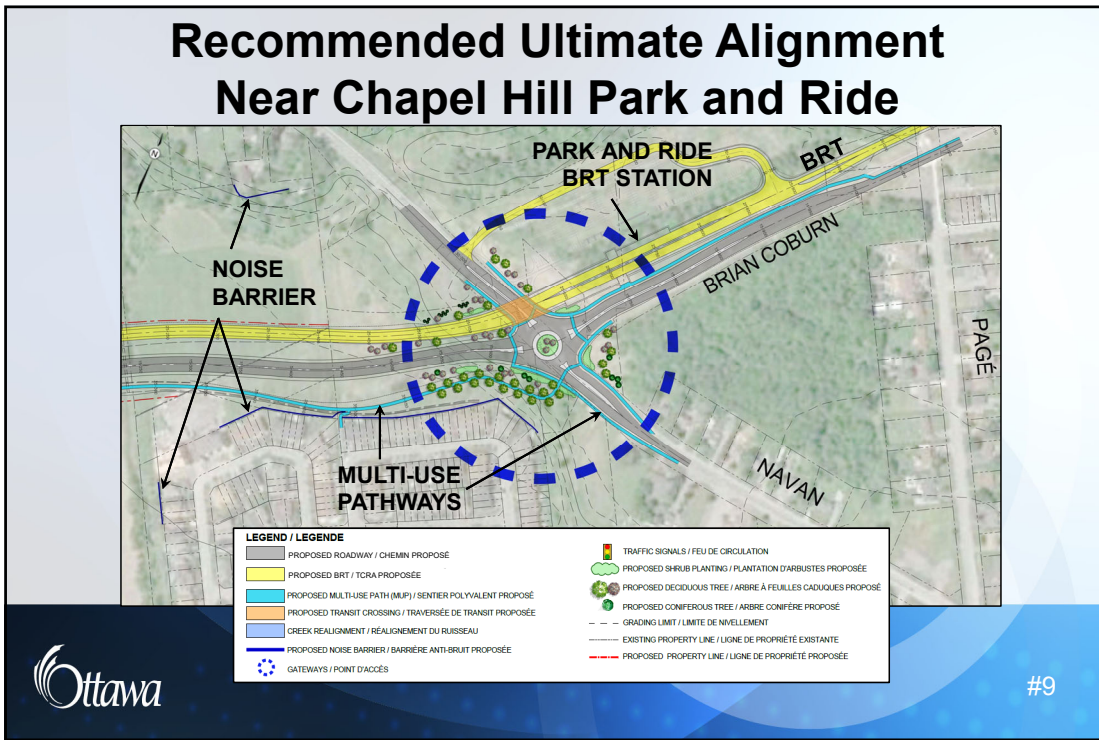
Recommended BCBE / CTW Ultimate Design

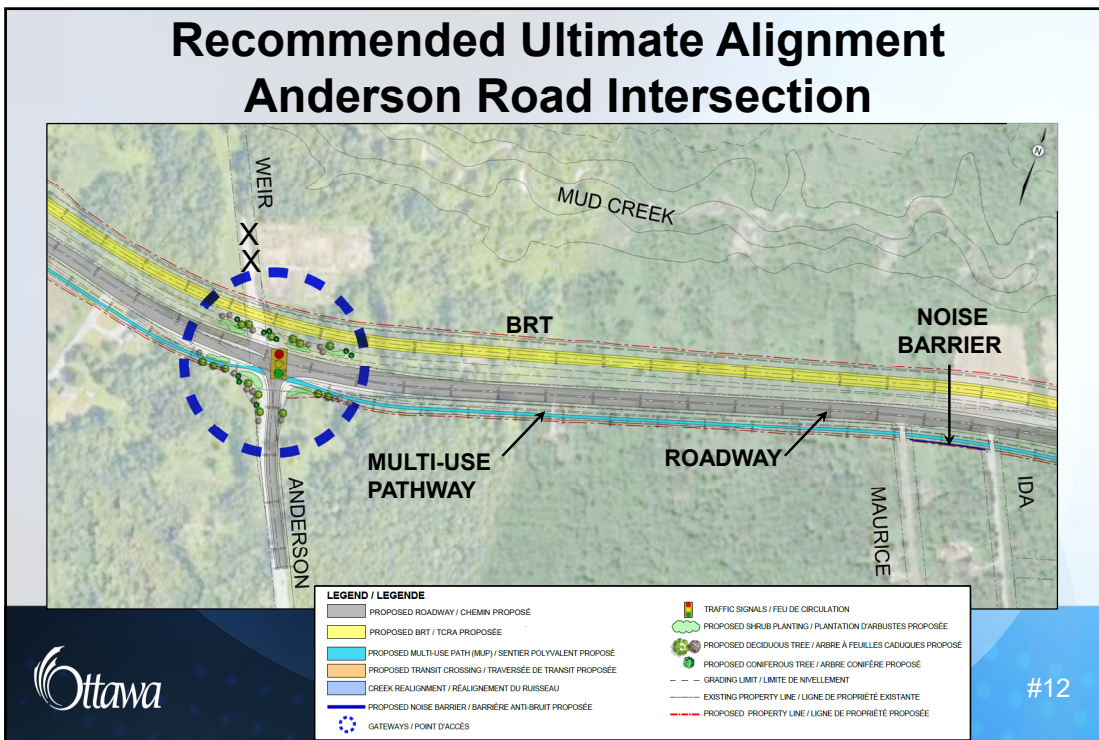
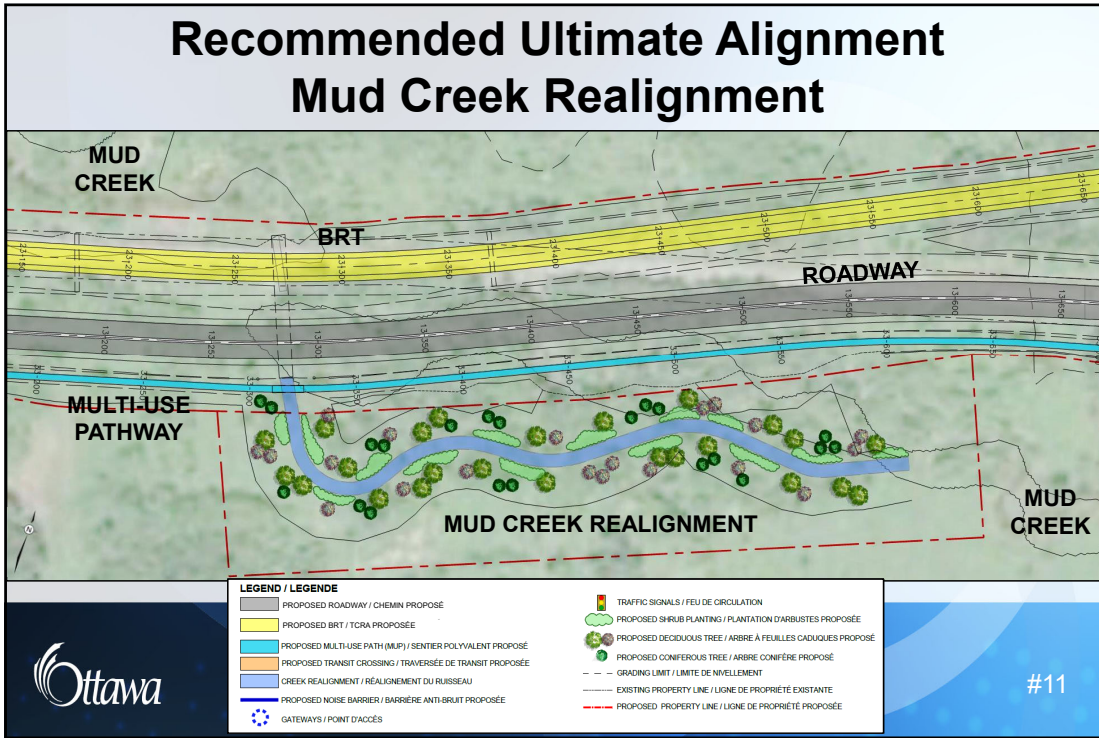


Typical Ultimate Cross-Section (BCBE + BRT)

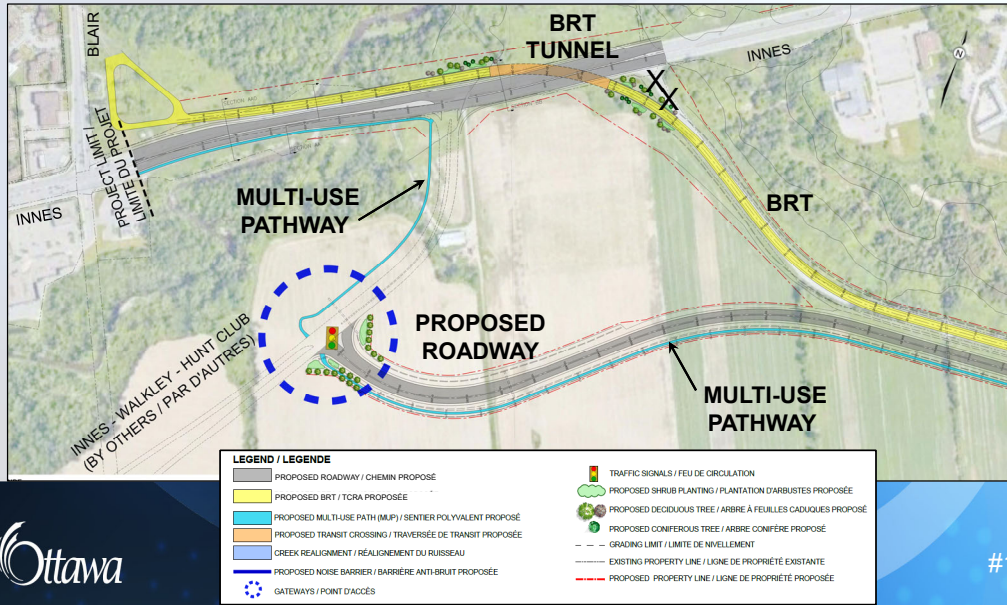
Minimum 77 m right of way







Recommended Ultimate Alignment Connection to IWHC and Blair Road



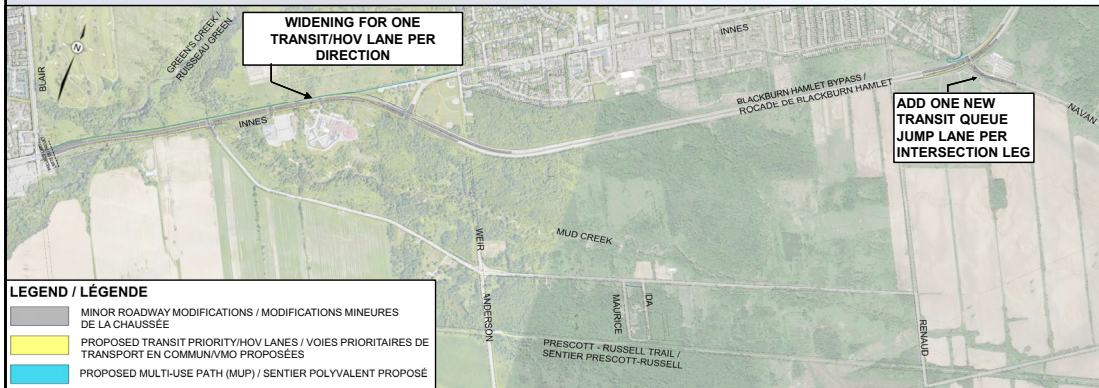
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RECOMMENDED INTERIM DESIGN



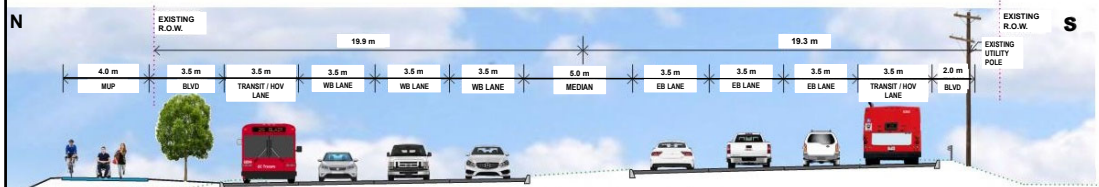
#14

Recommended Interim Plan for Transit Priority / HOV



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Recommended Typical Cross-Section



INNES ROAD TRANSIT PRIORITY / HIGH OCCUPANCY VEHICLE (HOV) LANES



#16

Interim Plan for Transit Priority at Blackburn Hamlet Bypass and Navan Road

CONCEPT MUP CONNECTION TO CLEROUX CRES. BEING DEVELOPED


CLEROUX

BLACKBURN HAMLET BYPASS

NAVAN

LEGEND / LÉGENDE

- MINOR ROADWAY MODIFICATIONS / MODIFICATIONS MINEURES DE LA CHAUSÉE
- PROPOSED TRANSIT PRIORITY LANES / VOIES PRIORITAIRES DE TRANSPORT EN COMMUN PROPOSÉES
- PROPOSED MULTI-USE PATH (MUP) / SENTIER POLYVALENT PROPOSÉ


#17

Interim Plan for Transit Priority / HOV – Blackburn Hamlet Bypass & Innes Road (West) Intersection

PEPIN


NOISE BARRIER

INNES

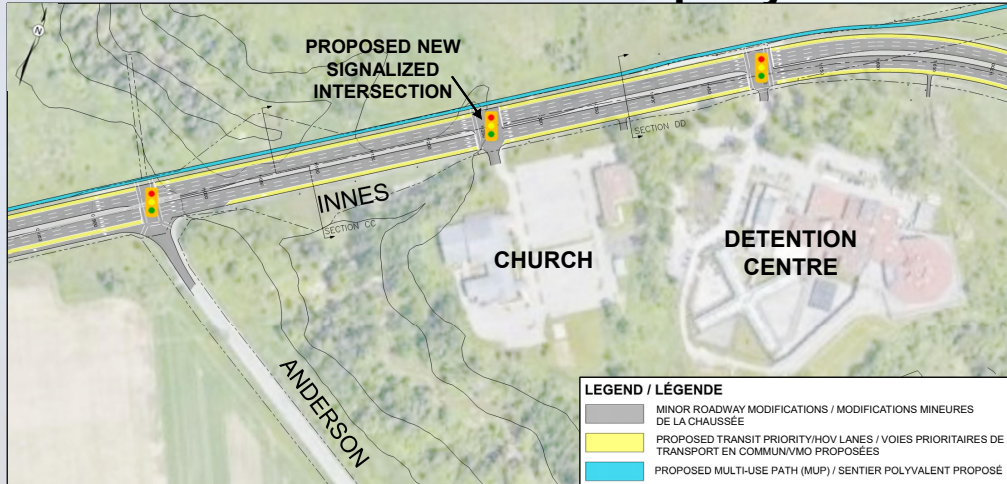
BLACKBURN HAMLET BYPASS

LEGEND / LÉGENDE

- MINOR ROADWAY MODIFICATIONS / MODIFICATIONS MINEURES DE LA CHAUSÉE
- PROPOSED TRANSIT PRIORITY/HOV LANES / VOIES PRIORITAIRES DE TRANSPORT EN COMMUN/HOV PROPOSÉES
- PROPOSED MULTI-USE PATH (MUP) / SENTIER POLYVALENT PROPOSÉ

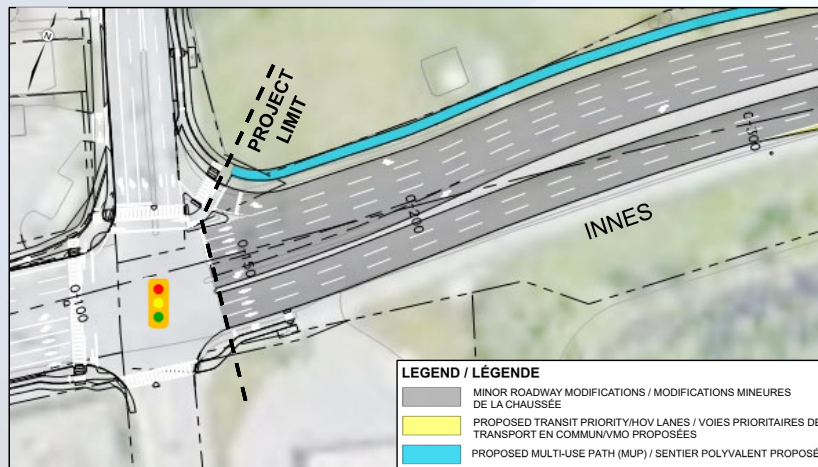

#18

Interim Plan for Transit Priority / HOV at Church Property



#19

Interim Plan for Innes Road at Blair Road



#20

ENVIRONMENTAL EFFECTS



#21

Potential Environmental Effects - 1

- Rural landscape impacts
 - Develop landscape mitigation strategy / plan
- Loss of vegetation / natural habitat
 - Ecological Restoration Plan to offset losses, enhance existing habitat quality + potential new habitat features
 - Wildlife crossings and road exclusion fencing
- Fish and fish habitat impacts
 - Natural channel design at Mud Creek realignment
 - Culverts / water crossings to maintain fish passage and natural channel flow regimes



#22

Potential Environmental Effects - 2

- Loss of wetland function
 - Ecological Restoration and Enhancement Plan
 - Management of invasive species, installation of key habitat features, contingency measures and adaptive management
- Surface Water Quantity and Quality
 - Water quantity control and erosion threshold protocol
 - 80% Total Suspended Solids removal required
- Climate Change Mitigation and Adaptation
 - Consider for flood design, stormwater management, selection of plant species, shading, and low carbon materials selection.



#23

Potential Environmental Effects - 3

- Loss of access to farm and Weir Road community gardens
 - Potential grade-separated farm access
 - Potential relocation of community gardens
- Increased noise levels
 - Provide noise attenuation walls where warranted/feasible
- Property to be acquired
 - NCC Greenbelt – approx. 44 hectares
 - Removal of 2 to 5 NCC buildings
- Temporary construction nuisance
 - Mitigate through construction contract provisions



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NEXT STEPS



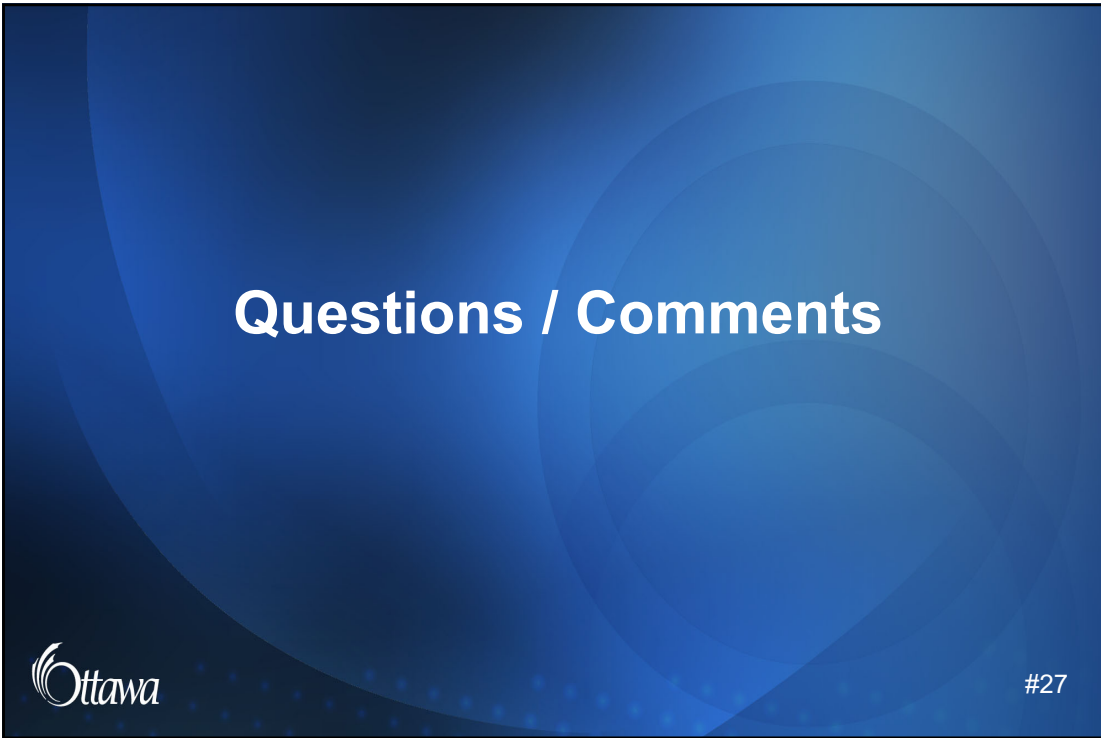
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Next Steps / Proposed Timelines

- On-Line Consultation – June 28 to July 16
- Finalize Functional Design of Recommended Plan – Summer 2021
- Transportation Committee and Council Approval
 - October 2021
- EA Reporting and Filing
 - January 2022



#26



Questions / Comments



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