



Stage 2 Project Presentation

Woodpark Community Association

February 10, 2021



Agenda

1. Stage 2 Overview
2. Project Model
3. Cut & Cover Tunnel Construction Methodology
4. Field Operations
 - Richmond/Byron Corridor
 - Lincoln Fields Station/Carling
5. Community Impacts
6. Overnight Work
7. Stakeholder Relations
8. Questions and Answers



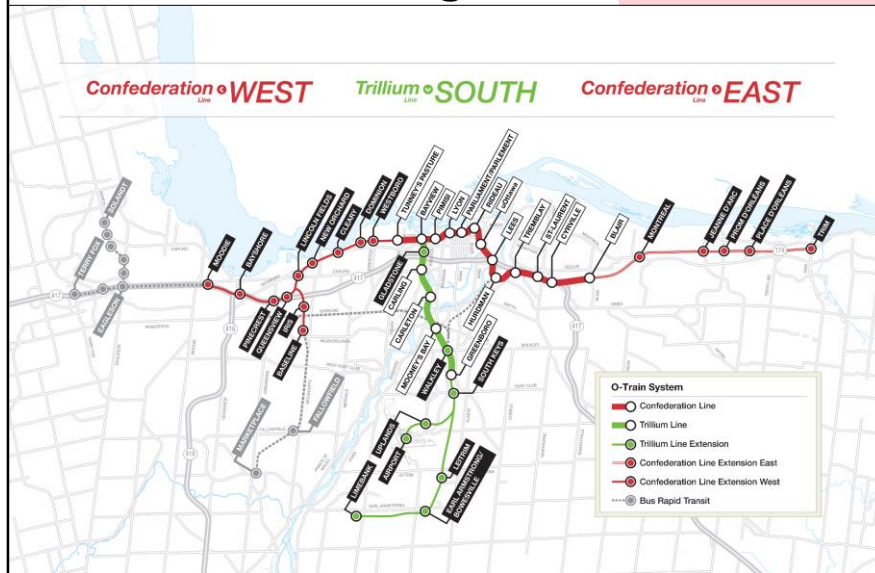
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IN 002-1110

Stage 2



Stage 2





Project Model

- A Design-Build-Finance (DBF), joint-venture led, project delivery method functions as a single source for design and construction used to efficiently execute and complete a project, which includes a comprehensive process, of planning, design and construction.
- Kiewit-Eurovia-VINCI (KEV) is an integrated team responsible for the design, construction and commissioning for the project.
- Rideau Transit Maintenance (RTM) is contracted to maintain the Confederation Line Stage 1 and the future Stage 2 East and West extensions, until 2048.

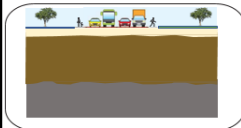


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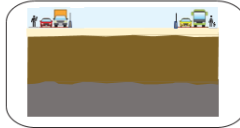




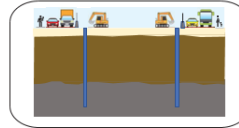
Cut & Cover Methodology



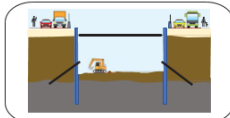
1. Existing Conditions



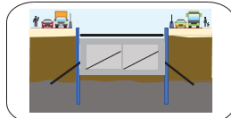
2. Relocate Traffic & Walkways



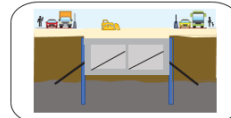
3. Install Support-of-Excavation



4. Excavate "CUT" and install additional support



5. Construct Concrete Structure



6. Remove Supports and install "COVER" to grade



7. Reinstate to Original





Cut & Cover Byron west of Woodroffe



Activities are progressing well
Soldier Piles installation continue supporting excavations
Rock excavations are proceeding



McEwen Sanitary Relocation

- Excavation and relocation of a sanitary line
- Temporary closure and realigned sidewalk
- February 15 through the end of March 2021



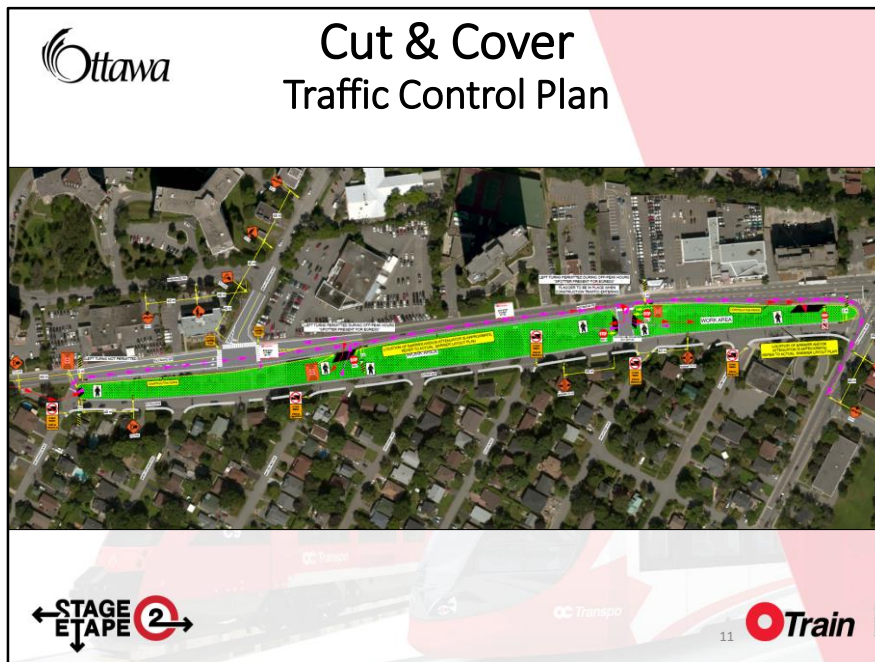
- Noise from trucks and equipment is expected. Equipment, trailers, and materials will be located in designated, fenced-in construction zones on McEwen Avenue.
- Temporary pedestrian facilities will be provided adjacent to the work zone; spotters will be onsite.
- Bus stop #5716 will be temporarily relocated south of the work zone when required. Spotters will be available to direct people to the temporary relocated bus stop.
- Driveways to commercial and residential buildings will be maintained.
- Pedestrians, cyclists, and motorists should take extra caution when travelling in this area.



Lawn & Edgeworth Storm and Sanitary

- Works are expected to begin as early as February 16th
- Works will be centred in the Lawn Avenue Parkette
- Works will then proceed north on Edgeworth
- Storm and Sanitary works are anticipated to be completed in summer





Noting that the TCP shows that all construction vehicles related to the Byron Cut and Cover works must access and egress via Richmond Road and not Byron Avenue.

There continues to be storm sewer works on Byron Avenue and there will continue to be construction vehicles related to those works on Byron Avenue.



New Orchard Station is an open air; underground station located within the tunnel. It has:

- 5 Fare Gates
- 2 Elevators
- 20 Bike Parking Spaces
- 4 Benches



Lincoln Fields (looking south-east)



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2017-08-08

This photo was taken last week


In it you can see:





- Ongoing utility work on Carling
- Lincoln Fields temporary bus loop
- Ongoing excavation for future Station






Lincoln Fields Pedestrian Detour

- To accommodate LRT construction a section of sidewalk and of pathway will be closed
- This temporary pedestrian detour is from February 8, 2021 until 2022.



Legend	
	Sidewalk Closed / Trottoir fermé
	Detour Path / Chemin de détour
	Sidewalk / Trottoir
	Work Zone / Zone de travail

Pedestrian and cyclist access to the eastbound bus stop will be detoured, with posted detour signage. The pathway south of Lawn Avenue and on the west side of Lincoln Fields remains open and accessible.



Lincoln Fields Station



Lincoln Fields Station is a transfer station. It has:

- 3 Entrances
- 12 Fare Gates
- 1 Public Washroom
- 60 Bike Parking Spaces
- 4 Benches



Construction Impacts

- Daytime operations - 7:00 a.m. - 10:00 p.m. - Monday through Saturday
- Periodic night work - only as necessary
- Noise associated with construction activities, crews and equipment.
 - On-going monitoring to ensure noise levels are below limit
- Operation of pumps and generators when required to maintain safe work conditions
- Trucks travel on approved/designated haul routes
- Street sweeping and snow clearing
- Vehicular, cyclists and pedestrian mobility will be maintained however, detours/realignments and delays may occur
- Public and worker safety is paramount



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2012-08-16



Overnight Work

Overnight construction work and activities occur periodically and only as necessary:

- where work is required to be done during off-peak traffic hours
- to minimize impact to mobility/traffic
- to maintain work site operations during inclement weather (i.e., dewatering)
- unforeseen circumstances
- for safety or emergency situations, as required
- weather factors and seasonal impacts on scheduling



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2012-08-16



Stakeholder Relations

- **Stage 2 is committed to providing:**
 - Rapid response to public inquiries
 - Proactive communications: newsletters, online articles, video, social media updates, public notices
 - Providing dedicated presentations to affected groups

Stakeholder Relations

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613-580-2424 x12764 (*forwarded during COVID*)

ottawa.ca/Stage2 to sign up for e-newsletter



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2021-08-18



Questions?



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