



Confederation Line
Ligne de la Confédération

2015 LOOK-AHEAD



The Confederation Line project is the first stage in Ottawa’s future light rail network. The 12.5 kilometre electric rail system will replace existing diesel powered buses, providing rapid transit between Blair Station in the east and Tunney’s Pasture Station in the west. The route includes 13 stations and a 2.5 kilometre tunnel that will alleviate congestion through the downtown core. This look-ahead outlines the construction activities, traffic closures and detours through 2015.

Construction has been divided into three segments along the Light Rail Transit (LRT) alignment corridor:

- **East Segment** (includes Lees, Hurdman, Tremblay, St-Laurent, Cyrville and Blair stations and the Belfast Yard [Maintenance and Storage Facility])
- **Central Segment** (includes Lyon, Parliament, Rideau and uOttawa stations, and the 2.5 kilometre tunnel, including the West Portal, East Portal and central shaft)
- **West Segment** (includes Tunney’s Pasture, Bayview and Pimisi stations)

Construction on the Confederation Line began in 2013 and works continue in all segments in 2015:

- Work on Belfast Yard buildings concludes to allow vehicle assembly to begin.
- Construction begins in East Segment, including at Hurdman, Tremblay, St-Laurent, Cyrville and Blair stations.
- Booth Street construction and widening of Scott Street begin.
- Guideway and catenary* construction commence along the alignment.

In addition to LRT construction in 2015, a number of associated civic works are also taking place:

- Widening of Highway 417 continues and is scheduled to be complete in summer 2015 to allow OC Transpo buses (from Blair Station to Hurdman Station) to be detoured onto the highway during LRT construction.
- Final landscaping works wrap up on the new Coventry Pedestrian and Cycling Footbridge.
- Albert Street civic works continue with the installation of new watermains, upgrading sewer infrastructure, and widening and rebuilding Albert Street between Broad Street and Empress Avenue.

CONFEDERATION LINE EAST SEGMENT

(includes Lees, Hurdman, Tremblay, St-Laurent, Cyrville and Blair stations, and Belfast Yard)

Belfast Yard

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Building construction concludes	[Grey bar from Jan to Dec]											
Guideway (tracks) construction	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]
Connector and tunnel construction	[Grey bar from Jan to Dec]											
Traction Power Sub Station (TPSS)* installation	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]
Remaining site works, such as earthworks, landscaping and yard finishes	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]	[White]

* Dates are subject to change





Hurdman

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Station construction including substructure* and superstructure*	[Shaded]											
New bus loop construction	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

Tremblay Station

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Station construction including mobilization and substructure	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
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St-Laurent Station

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Utilities relocation	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
Station construction including mobilization, demolition, substructure and superstructure	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

Cyrville Station

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Station construction including mobilization, demolition, substructure and superstructure	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
TPSS (north side of guideway east of Cyrville Station)	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

Blair Station

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New bus loop construction	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
Station construction including mobilization, demolition, substructure and superstructure	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]

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Parliament Station

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Station excavation and support	[Shaded]											
Utilities relocation	[Shaded]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]

Rideau Station

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Station excavation and support	[Shaded]											
East entrance construction and excavation	[Shaded]											
Utilities relocation	[Dotted]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]	[Shaded]

CONFEDERATION LINE WEST SEGMENT

(includes Tunney's Pasture, Bayview and Pimisi stations)

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Booth Street construction	[Shaded]											
Albert Street widening (Broad Street to Empress Avenue)	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]
Scott Street widening	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]	[Dotted]

* Dates are subject to change

* Definitions:

Traction Power Sub Station (TPSS): TPSS structures are approximately four metres high by five metres wide by 15 metres long. They convert electricity from the local power sources to the voltage levels needed by the LRT vehicles.

Substructure works: Substructure works involve foundation and below surface work.

Superstructure works: Superstructure works involve work to the aboveground structure.

Catenary: Catenary is a system of overhead wires used to supply electricity to light rail vehicles.



2015 TRAFFIC DETOUR LOOK-AHEAD

CONFEDERATION LINE EAST SEGMENT

(includes Lees, Hurdman, Tremblay, St-Laurent, Cyrville and Blair stations, and Belfast Yard)

Belfast Yard Works

Location	Duration	Traffic Pattern Change
Belfast Road closure south of Tremblay Road	May 2014 to spring 2016	Detour is in place Pedestrians and cyclists continue to be detoured
Belfast Road north of Tremblay Road	June 2014 to end of 2015	Detour is in place Pedestrians and cyclists will have access as early as spring 2015
Tremblay Road Detour Phase 2	May 2015 to end of 2015	Detour will be put in place at the Tremblay and Belfast intersection and traffic will be shifted north

Highway 417 Construction

Location	Duration	Traffic Pattern Change
Hurdman Bridge	Ongoing to summer 2015	Ongoing highway lane reductions

East Transitway Detour (Transitway from Hurdman to Blair stations will be detoured onto Highway 417)

Location	Duration	Traffic Pattern Change
St. Laurent Boulevard temporary Bus Rapid Transit ramp to Highway 417 westbound	June 2015 to 2018	Buses will be detoured off the Transitway St. Laurent Station platform will be shifted
Bus Rapid Transit detour via existing Train Station	July 2015 to end of November 2015	Buses detoured off the Transitway Bus stops will be slightly shifted
St. Laurent Boulevard southeast ramp to Highway 417	Permanent ramp closure	Ongoing ramp closure Buses will be detoured off the Transitway Bus stops will be slightly shifted
OR 174 eastbound on-ramp closure from Highway 417 westbound	Summer 2015 to 2018	Daytime and overnight detour will be in place via Innes Road

For up to date traffic information visit traffic.ottawa.ca
Sign up for regular project updates at ottawa.ca/confederationline



2015 TRAFFIC DETOUR LOOK-AHEAD CONT'D

CONFEDERATION LINE CENTRAL SEGMENT (includes Lyon, Parliament, Rideau and uOttawa stations, the 2.5 kilometre tunnel, as well as the West Portal, East Portal and central shaft)

Lyon Station Construction Detours

Location	Duration	Traffic Pattern Change
Utilities relocation	Ongoing to end of March 2015	Area lane reductions Traffic, pedestrians and cyclists will be detoured

Parliament Station Construction Detours

Location	Duration	Traffic Pattern Change
Utilities relocation	September 2014 to February 2015	Lane reductions Traffic, pedestrians and cyclists will be detoured

Rideau Station Construction Detours

Location	Duration	Traffic Pattern Change
Demolition of Bank of Nova Scotia building	November 2014 to March 2015	Pedestrian flow will be realigned on William Street
Utilities relocation	March 2015 to December 2015	Area lane reductions Traffic, pedestrians and cyclists will be detoured
Station entrance excavation	Ongoing 2015	Lane reductions on Rideau Street Pedestrians will be detoured and cyclists will share the road

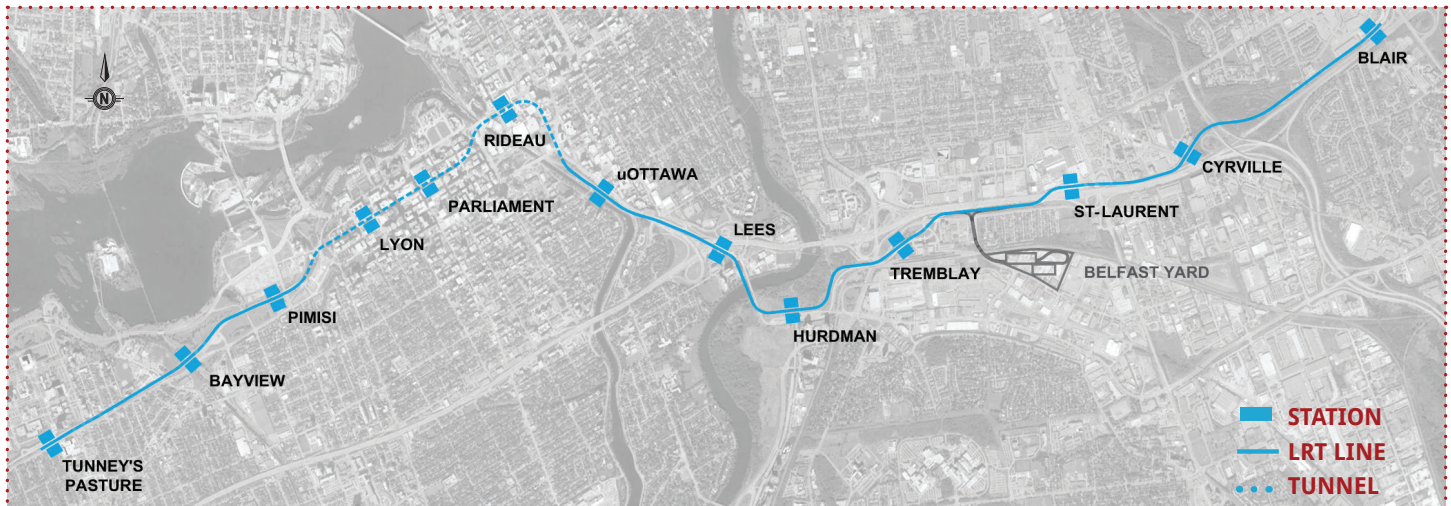
CONFEDERATION LINE WEST SEGMENT (includes Tunney's Pasture, Bayview and Pimisi stations)

West Transitway Detour

Location	Duration	Traffic Pattern Change
Booth Street closure from Sir John A. Macdonald Parkway to Albert Street	January 2015 to fall 2016	Motorists continue to be detoured along Preston Street
Booth Street closure from Albert Street to Primrose Avenue	July 2015 to December 2015	Traffic will be detoured
West Transitway Detour begins (Merton Street to Empress Avenue)	Phase 1 - December 2015 to spring 2018	One lane dedicated to transit in each direction



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CONSTRUCTION OF THE CONFEDERATION LINE

- Some disruption is unavoidable when building a project of this size and scope.
- Public access to residences will be maintained, although temporary inconveniences may occur when crews are working in the immediate area.
- Businesses in the construction area remain open and accessible and welcome your continued patronage.
- Cyclists are not permitted to ride through active construction areas; alternate routes will be provided and should be used for public and worker safety.
- All efforts will be made to ensure multi-use pathway access is maintained during construction if public and worker safety permits. Detours will be provided where closures are required for public safety.
- Businesses and residents may experience general disruption associated with truck traffic, noise from crews and heavy equipment, vibration, as well as impacts from excavation, elevated guideway work, station construction, and general construction activity.
- Crews will endeavour to minimize disruption to businesses and residents in the area, and we thank you for your understanding while we build.
- Throughout Confederation Line construction and operation, Rideau Transit Group (RTG) is adhering to noise and vibration standards defined in the Project Agreement.
- The public can access construction and traffic management information by visiting the City of Ottawa's website, calling 3-1-1, following the City's Ottawa Traffic Twitter feed @Ottawa_Traffic or sign up to receive regular updates at ottawa.ca/confederationline.
- The Confederation Line team wants to ensure everyone is safe and aware around Confederation Line construction sites. Please adhere to all safety signage and never enter a construction site.

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