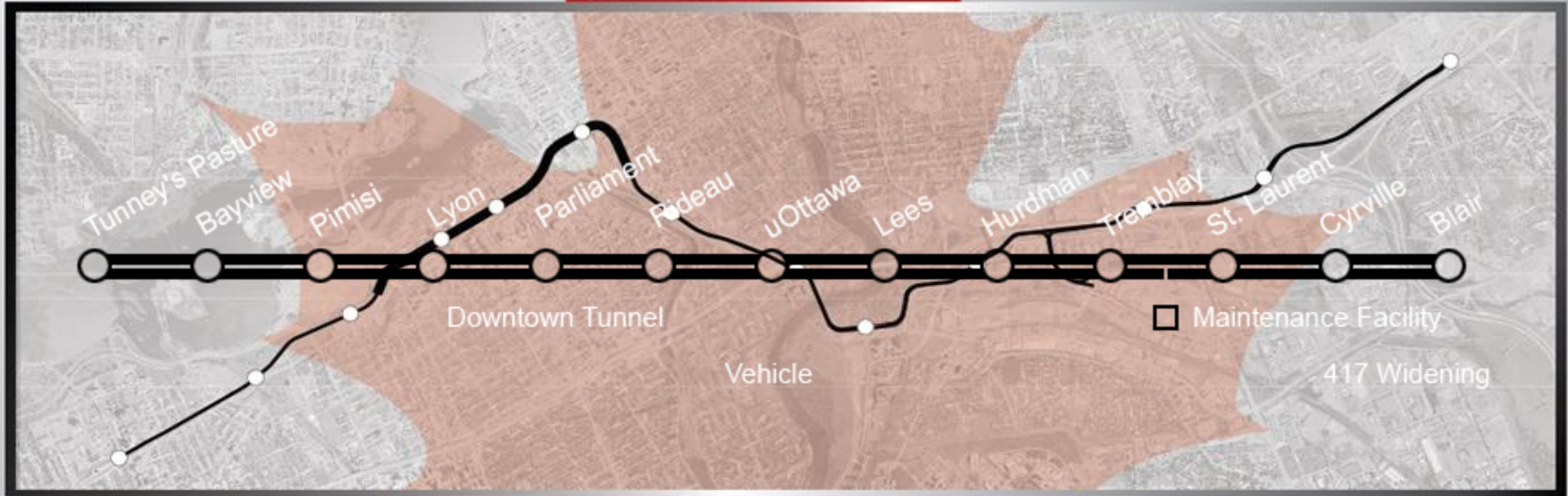




Confederation Line
Ligne de la Confédération



THE CONFEDERATION LINE

CGOWCA
September 24, 2014



OVERVIEW

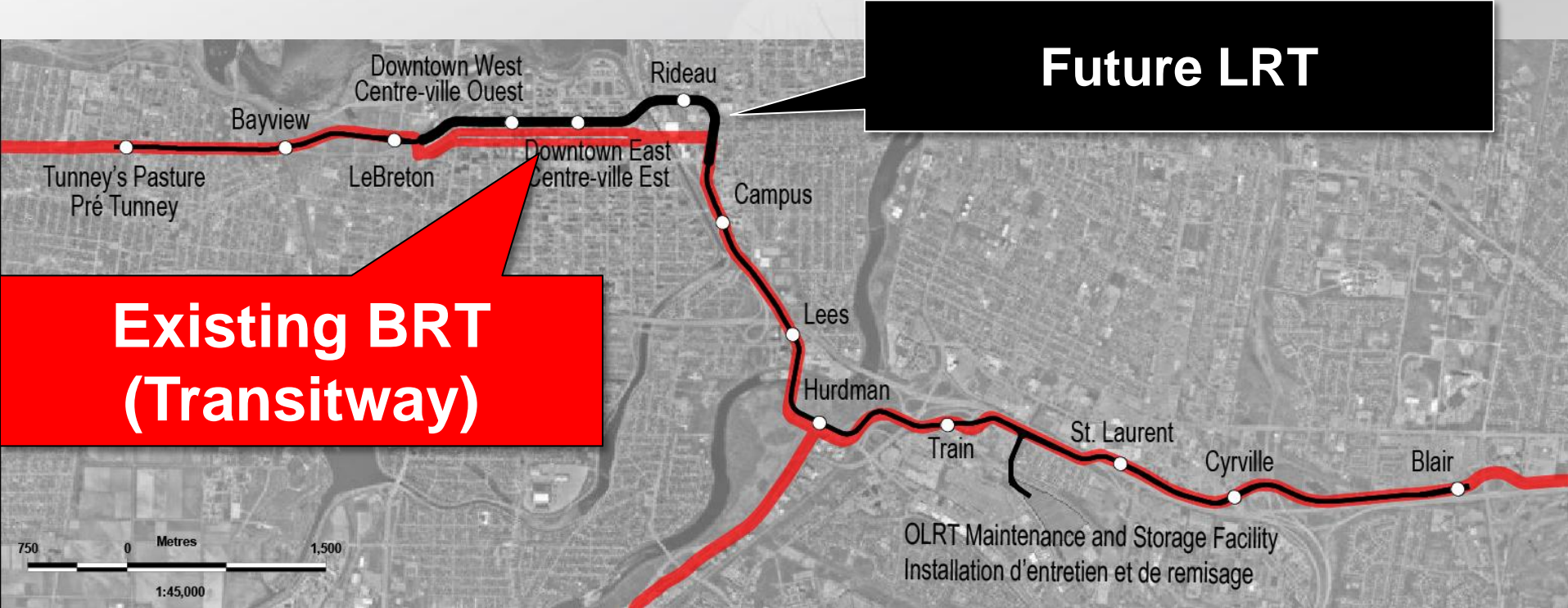
- Confederation Line Overview
- Blair Station
 - Station renderings
 - Station construction
- Transitway Detour
 - Hurmdan to Blair
- Questions



THE CHALLENGE

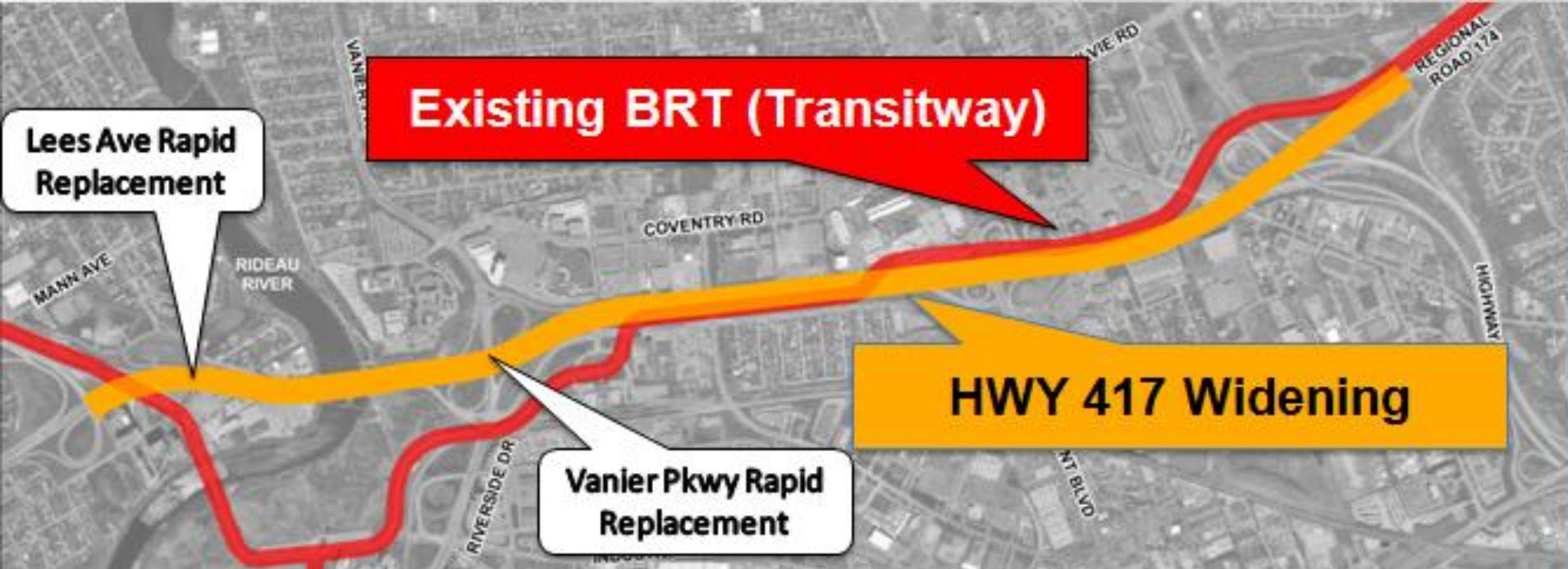


THE CONFEDERATION LINE



- 12.5 km alignment, including a 2.5 km tunnel downtown
- 13 stations, including 3 underground stations downtown
- Single largest infrastructure project in Ottawa since the Rideau Canal

HIGHWAY 417 EXPANSION



- Widen Hwy 417 by 1 lane in each direction between Nicholas and the split
- Construction schedule: Spring 2013 to Summer 2015
- Additional lanes reserved for buses from 2015 - 2018

WORLD CLASS LIGHT RAIL VEHICLE (LRV)

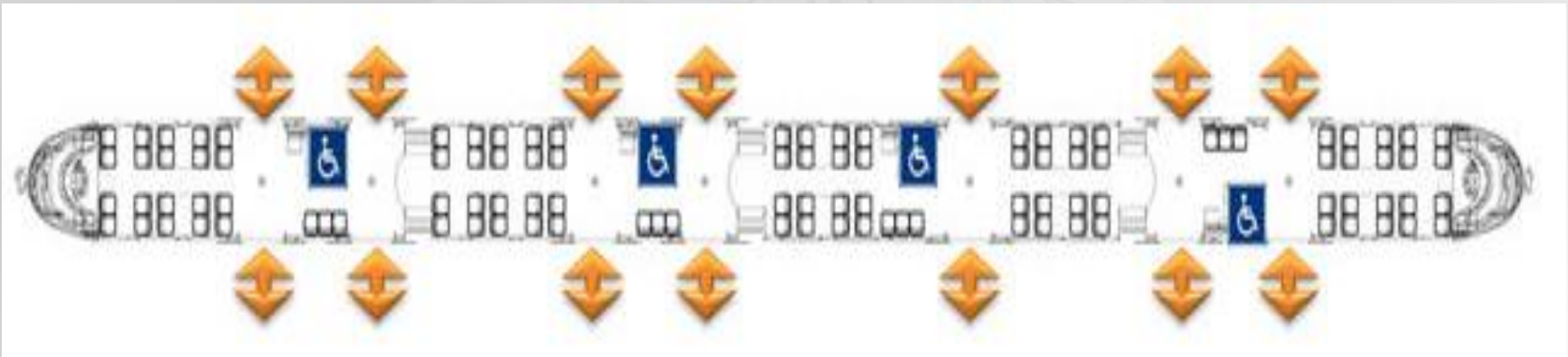
The Alstom Citadis



- 100% low floor
- 95% recyclable and extremely energy efficient
- Initial frequency of 3:15 min (peak hours)

WORLD CLASS LIGHT RAIL VEHICLE (LRV)

- Confederation Line will include **34 LRVs**, with the inclusion of future vehicle options
- **Total capacity per vehicle is 300** (120 seated; 180 standing) including 4 designated wheelchair areas
- Trains will consist of **2 modular vehicles** totalling **capacity of 600** and **98 metres in length**



SYSTEM CAPACITY

- Initial ridership capacity of ~10,700 pphpd
 - Future expansion can accommodate an ultimate ridership of 24,000 pphpd
- Initial frequency of 3:15 min (peak hours)
 - Future expansion can increase frequency to under 2 min (peak hours)
- Travel time from Tunney's to Blair totalling under 24 min, including stops



THE CONFEDERATION LINE

CONSTRUCTION SCHEDULE



LRT BLAIR STATION



LRT BLAIR STATION



LRT BLAIR STATION



LRT BLAIR STATION



LRT BLAIR STATION

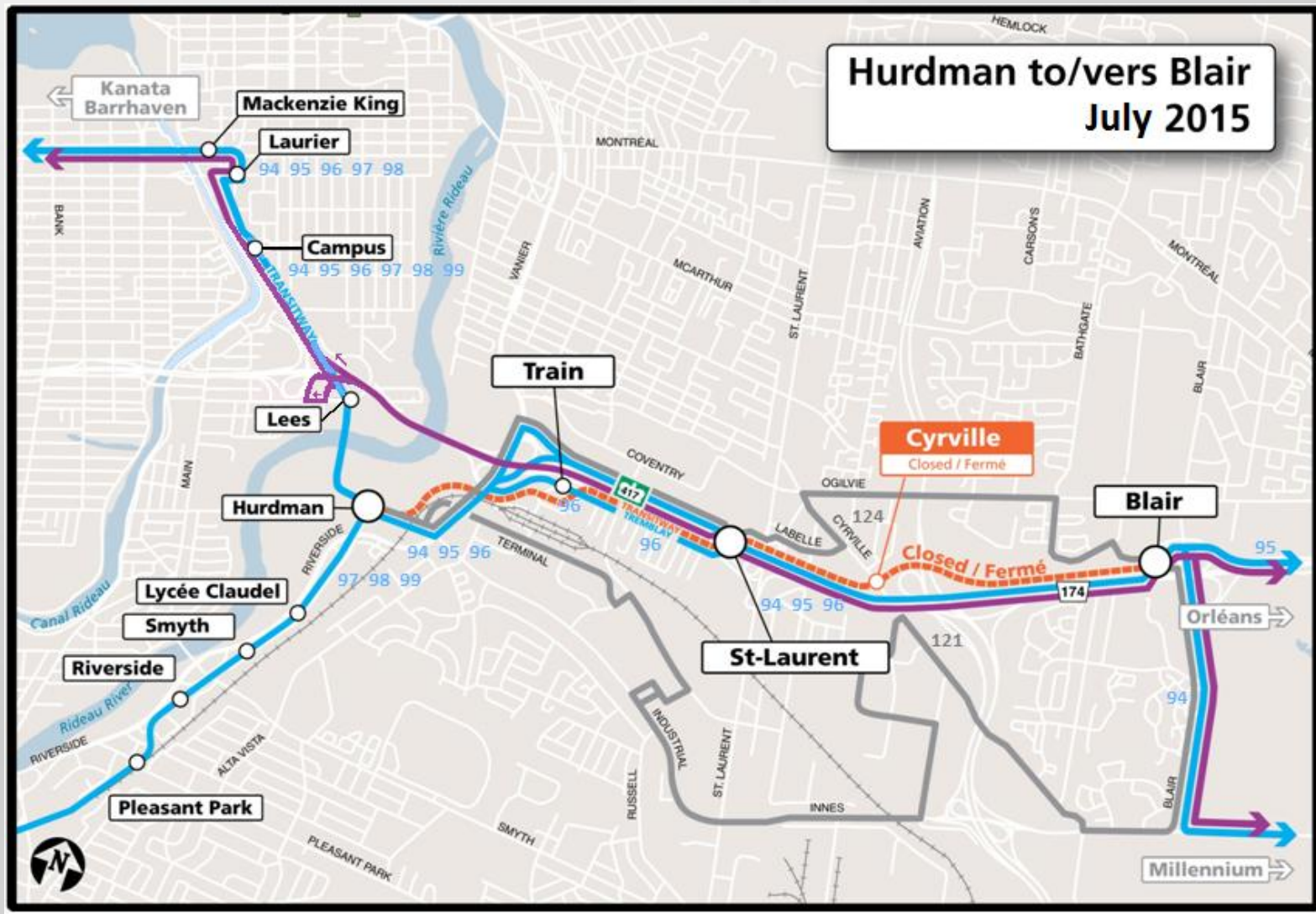


BLAIR STATION CONSTRUCTION

- Preliminary construction begins Summer 2015
- Station construction substantially completed by 2017
- Landscaping completed in 2017
- Test runs open to the public for Canada's 150th



TRANSITWAY DETOUR



OPERATIONS DURING TRANSITWAY DETOUR

- Train and Cyrville Stations are closed.
- The Ottawa Train Station is served by one Transitway route operating along Tremblay Road.
- Transit customers at Cyrville Station are directed to walk to St. Laurent Station or use other routes available on Ogilvie and Cyrville Roads.
- Express route transit customers from east of Blair lose connections at Lees, Hurdman, Train, St. Laurent (p.m. only) and Cyrville Stations.
- East Transitway routes (non-express) continue to serve Hurdman and St. Laurent Stations in both directions during all time periods.



TRANSIT PRIORITY MEASURES

- Reserved Bus Lanes to by-pass queues on Highway 417.
- Ramp connections and bus queue-jump lanes at the Vanier-Riverside and St. Laurent highway interchanges.
- Intersection modifications on Blair Road at the Ottawa Road 174 interchange.
- Closure of the Highway 417 Westbound off-ramp to Ottawa Road 174 Eastbound. This allows for an eastbound reserved bus lane and improved highway operations on Ottawa Road 174.
- Intersection modifications along Innes Road between Highway 417 and Blair Road to accommodate the detoured traffic volume





Questions?

www.ottawa.ca/confederationline.ca