

Valley Line LRT - Southeast Quarterly Progress Report -Q2 2020

## PERFORMANCE

This dashboard provides an overview of progress and performance of the Valley Line Project and a summary of work completed by TransEd Partners and the City.

CUMULATIVE PERFORMANCE	NOTES
COST PERFORMANCE	• Current cost performance is good and the project remains on budget.
Measures the cost efficiency of the	
project	
SCHEDULE PROGRESS	<ul> <li>As of Q2, construction progress as measured by the independent</li> </ul>
Measures the schedule completion	certifier is 72.5%.
percentage	
SCOPE PERFORMANCE	• There have been no significant changes to either TransEd's scope of
Measures the current status of the	work or City contracted scope of work.
changes compared to the baseline	
scope	
PUBLIC COMMUNICATIONS	• The top three public inquiries for the period are schedule, vehicle
Top three public inquiries over the	traffic conditions, and pedestrian crossing and surface issues.
period	

## **RECENT PROGRESS**

A summary of construction progress along the alignment. Several examples are shown in the pictures below.

TransEd Work in Q2: Construction of the Churchill Connector structure has begun (Figure A). Backfill around the storm tank is complete. Track installation continues on 102 Ave. On the Tawatinâ Bridge TransEd installed the fifth set of cable stays (Figure B) and extended the bridge deck with 27 of 41 segments complete. Muttart retaining walls have been cast and construction continues on the Muttart Stop. Construction continues on the wildlife underpass at Connors Road. Kâhasinîskâk Bridge structure has been placed (Figure C). Davies Elevated Guideway construction including rail installation is ongoing (Figure D). Earthwork and roadworks are ongoing at the Davies Station park and ride areas. Rail is installed continuously from Davies Station south to Mill Woods. The pedestrian walkway on the Whitemud Bridge has been temporarily opened for public use (Figure E). Landscaping work is ongoing (Figure F). Construction of the operations and maintenance building is nearing completion with electrical and mechanical installations ongoing. Overhead wires continue to be installed. Eleven LRVs have been delivered to Edmonton as of the end of June 2020.



Churchill Connector Building Structural Steel Progress (TransEd)



Tawatinâ Bridge Fifth Stay Cable Installation (TransEd)





Kâhasinîskâk Bridge installation over Connors Road (TransEd)



elevated guideway (TransEd)



Pedestrian walkway over Whitemud Drive (TransEd)



Landscaping along 66 Street (TransEd)

## **MILESTONES**

AREA	COMPLETED MILESTONES	COMPLETION DATE
1	Reopened Churchill Square to the public.	Q2-2020
2	Completed the final waterproof lining in the tunnel.	Q2-2020
4	Placed the first set of structural steel beams for the Bonnie Doon stop.	Q2-2020
AREA	UPCOMING MILESTONES	FORECASTED DATE
AREA 4	UPCOMING MILESTONES Complete the rail crossing at the 82 Avenue and 83 Street intersection.	FORECASTED DATEQ3-2020
	Complete the rail crossing at the 82 Avenue and 83 Street	

## **KEY ACTIVITY 3-MONTH LOOK-AHEAD**

above.

- Area 1: Continue Churchill Connector, concrete platforms at stops, roadways, and track construction. Begin full closure of 102 Ave between 95 St and 96 St.
- Area 2: Complete tunnel final liner construction. Continue Tawatinâ bridge deck and cable installation, and construction on the north river bank.
- Area 3: Continue elevated guideway track installation construction and begin paving and waterproofing on the Kâhasinîskâk Bridge. Complete wildlife corridor.
- Area 4: Continue road and track work on 83 St. Continue construction at Avonmore and Bonnie Doon Stops.

- The highlights correspond to the areas of the alignment on map Area 5: Continue Davies Station mezzanine construction, timber roof work, and masonry. Continue construction on Davies elevated guideway. Continue Davies Station park & ride drainage and paving work.
  - Area 6: Complete concrete and structure work at Grey Nuns and Millbourne stops. Continue LRT Systems installation work along trackway. Continue Whitemud bridge work.
  - Area 7: Complete operations and maintenance building interior finishing and exterior cladding. Commission building facilities. Energize traction power supply station.
  - Project-wide: Ongoing utilities, traffic detours, traffic signal installation, and traction power substation installation.
  - Light Rail Vehicles (LRV): Continue manufacture and assembly of LRVs #13-26. Receive LRVs #13-19 in Edmonton.