Edmonton

## Valley Line LRT - Southeast Quarterly Progress Report Dashboard Summary - Q1 2020

## PERFORMANCE SUMMARY

During the first quarter of 2020, performance on the Valley Line LRT - Southeast project was assessed for cost, schedule, scope, and public communications.

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	<ul> <li>Cost performance is good. Project remains on budget.</li> </ul>
Measures the cost efficiency of the project.	
SCHEDULE PERFORMANCE	• Cumulative Schedule performance is 66%, as measured in comparison to TransEd's
Measures the schedule efficiency	baseline. Increased risk to achieving key milestones in the Project Agreement.
SCOPE PERFORMANCE	• No significant changes to either TransEd scope of work or City contracted scope of work.
Measures the current status of the changes compared to the baseline scope	
PUBLIC COMMUNICATIONS	• The top three public inquiries for the period are schedule, vehicle traffic conditions, and pedestrian crossing and surface issues.
Top three public inquiries over the period	

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

**TransEd Work in Q1:** Construction on the Churchill Connector and Quarters Tunnel continues with electrical equipment being delivered to site. 102 Ave portal waterproofing and stormwater tank backfill continues. Continued installation of Chinese structure frames (Figure A). Installed the second set of cable stays on the Tawatinâ Bridge (Figure B). Construction of Bridge spans continue with 18 of 41 complete. Completed backfill of South River Valley Elevated Guideway Ramp. Construction continues on the wildlife underpass at Connors Road. Kâhasinîskâk Bridge structural steel girders shipped from fabricators to installers. Avonmore Stop platform concrete has been completed. Davies Station construction including the timber roof and masonry work (Figure C) is ongoing. Davies Station utility complex continues. Erected both North and South Whitemud Pedestrian Bridge spans. Overhead wires installation is continuing on 66 St & 75 St. Completed platform concrete for Mill Woods Stop. Rail track installation ongoing along 66 St & 28 Ave (Figure D). Operations and maintenance building interior finishing, exterior cladding, electrical, and mechanical installations are ongoing. Ten LRVs delivered to Edmonton as of end of March 2020. COVID-19 impacts were minimal in Q1. Further detailing of impacts will be evaluated for the Q2 report.







Chinese Structural Steel Progress (TransEd)

Tawatinâ Bridge Second Stay Cable Installation (TransEd)

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

The highlights correspond to the coloured areas of the alignment on map above.

- Area 1: Continue Churchill Connector, concrete platforms at Stops, roadways, and track slab.
- Area 2: Continue tunnel final liner construction. Continue Tawatinâ bridge deck and cable installation. Continue construction on north river bank.
- Area 3: Continue Davies Station construction and start construction of Davies Transit Centre and Park'n'Ride. Complete wildlife corridor and backfill of River Valley retaining walls.
- Area 4: Continue road and track work on 83 St. Continue construction at Avonmore and Bonnie Doon Stops.





Davies Station Timber Roof Installation (TransEd)

Embedded Special Track Installation at 28 Ave (TransEd)

- Area 5: Continue Davies Station mezzanine construction, timber roof work, masonry, and stair steel erection. Complete electrical installation at Davies utility complexes.
- Area 6: Continue installation of overhead wires. Continue work on concrete platforms at Stops. Continue LRT Systems installation work. Resume 75 Street traffic bridge rehab work.
- Area 7: Complete operations and maintenance building interior finishing and exterior cladding. Commission building facilities.
- **Project-wide:** Ongoing utilities, traffic detours, traffic signal installation, and traction power substation installation.
- Light Rail Vehicles (LRV): Continue manufacture and assembly of LRVs #11-26. Begin receiving 2nd stage of LRVs in Edmonton.