# Valley Line Southeast LRT **QUARTERLY PROGRESS REPORT** - Q4 2021



#### **PERFORMANCE**

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

| CUMULATIVE PERFORMANCE                                                                       | NOTES  Current cost performance is good and the project remains on budget.                                                                                            |  |
|----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| COST PERFORMANCE  Measures the cost efficiency of the project                                |                                                                                                                                                                       |  |
| SCHEDULE PROGRESS  Measures the schedule completion percentage                               | As of Q4, construction progress as measured by the independent certifier is 95.8%. TransEd has communicated that Service Commencement is anticipated for summer 2022. |  |
| SCOPE PERFORMANCE  Measures the current status of the changes compared to the baseline scope | There have been no significant changes to either TransEd's scope of work or City-contracted scope of work.                                                            |  |
| PUBLIC COMMUNICATIONS  Top three public inquiries over the period                            | The top public inquiries for the period were about schedule, traffic conditions and road closures, completion dates and pedestrian crossing/surface issues.           |  |

#### RECENT PROGRESS

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

TransEd Work in Q4: TransEd crews continued to perform finishing works along the Valley Line trackway downtown. Interior works and systems setups continued at the Churchill Connector (Figure A). The first Light Rail Vehicle (LRV) moved across the Tawatinâ Bridge to the Churchill Stop; crews continued LRV static and dynamic testing (Figures B&C). Infrastructure installation continued at all stops and in the tunnel—the most recent work included tunnel ventilation testing. The Tawatinâ Bridge shared-use path (SUP) and connecting river valley trails opened to the public in December 2021 with a community-organized celebration (Figure D). Crews made progress on the landscaping and drainage work around the Wildlife Crossing Tunnel under Connors Road (Figure E). They continued to install ticket vending machines and wayfinding signage at all stops and stations. Crews continued to install interior finishings and other infrastructure at Davies Station. They installed LRV Wash Station components at the Gerry Wright Operations and Maintenance Facility (OMF). LRV signal installation and testing continued along the entire 13-km route.



Area 1 - Churchill Connector Interior Finishing Progress



Area 1 - LRV at Churchill Stop





Area 2 - First LRV Crossing the Tawatinâ Bridge



Area 2 - Tawatinâ Bridge SUP Opening - community celebration



Area 3 - Wildlife Crossing Tunnel under Connors Road



Area 7 - LRV Wash Station at the Gerry Wright OMF

## **MILESTONES**

| AREA     | COMPLETED MILESTONES                                                 | COMPLETION DATE |
|----------|----------------------------------------------------------------------|-----------------|
| 2        | Tawatinâ Bridge shared-use path opened to the public                 | Q4-2021         |
| 7        | Gerry Wright OMF received LEED Silver Certification                  | Q4-2021         |
| 1-3      | LRV testing in downtown Edmonton                                     | Q4-2021         |
| Linewide | Project surpassed two million job-hours without a Lost Time Incident | Q4-2021         |
| AREA     | UPCOMING MILESTONES                                                  | FORECASTED DATE |
| 1-6      | Wayfinding and safety signage installation                           | Q1-2022         |
| Linewide | LRV testing                                                          | Q1-2022         |
| Linewide | Service Commencement                                                 | Q3-2022         |

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

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

**Area 1:** Infrastructure installation and systems testing to continue. Complete the installation of benches and other amenities at stops. Ongoing paving stone and landscaping work at Churchill Connector.

Area 2: Complete finishing works on the Tawatinâ Bridge underslung shared-use path. Construction of river valley trail connections.

**Area 3:** Finishing works on the south river valley elevated guideway and Kâhasinîskâk Bridge. Continue electrical installation and commissioning at Muttart, Holyrood and Strathearn stops.

**Area 4:** Continue LRT systems installation work along the trackway. Complete sidewalk tie-in at Avonmore and Bonnie Doon stops.

**Area 5:** Continue Davies Station interior works and electrical fitout. Complete Davies Elevated Guideway concrete finishing works and walkway installation. Ongoing construction of the Davies Station Park & Ride.

**Area 6:** Commission utility complexes. Continue construction at Grey Nuns and Millbourne stops. Continue LRT systems testing and commissioning.

**Area 7:** Complete interior finishing inside the Gerry Wright OMF. Commission building facilities. Continue systems testing. Energization of the overhead wires.

**Project-wide:** Ongoing utilities, traffic signal installation, finishing works and traction power substation testing.

**Light Rail Vehicles (LRVs):** Continue static and dynamic testing.