BUILDING EDMONTON

Valley Line West LRT QUARTERLY PROGRESS REPORT - Q3 2023

PERFORMANCE

This dashboard provides an overview of progress and performance of the Valley Line West LRT Project and a summary of work completed by Marigold Infrastructure Partners and the City of Edmonton.

CUMULATIVE PERFORMANCE	NOTES	
COST PERFORMANCE Measures the cost efficiency of the project	Current cost performance is good. The project remains on budget.	
SCHEDULE PERFORMANCE Measures the schedule status of the project	As of the end of Q3, construction progress as measured by the independent certifier is 11.5%.	
SCOPE PERFORMANCE Measures the current status of scope changes compared to the baseline scope	There have been no significant changes to either Marigold Infrastructure Partners scope of work or other City-contracted scopes of work.	
PUBLIC COMMUNICATIONS Most common public inquiries for the period	The most common public inquiries for the period are related to traffic, construction impacts, and access closures.	

RECENT PROGRESS - SUMMARY

Marigold Infrastructure Partners (MIP) work in Q3:

During Q3 2023, construction activities were underway in several locations along the Valley Line West LRT alignment. In Area 7, MIP continued with construction of the Anthony Henday Drive Bridge approach (Photo A), which included pile foundation and bridge support construction for the east approach. In **Area 6**, MIP continued work on the elevated guideway next to West Edmonton Mall, completing all station piles (Photo B). In Q3, 84 concrete segments were cast at the precasting facility with 257 total segments cast as of September. Construction also continued in Area 5 around Meadowlark (Photo C), with removal of existing asphalt and concrete, preparation of new road base and temporary paving. Soil cells have been installed to improve overall landscaping health in multiple areas along the LRT alignment (Photo D; Area 4). In Area 3, deck reinforcement and formwork on the Stony Plain Road Bridge continued (Photo E). Drainage work continued in Area 2, on 104 Avenue (Photo F). Drainage and temporary roadworks have been underway throughout Areas 1, 2, 3, 4, 5, and 6 in preparation for upcoming construction (Photo F - Area 2).

Hyundai Rotem Company (HRC) work in Q3:

Final design review for the Stage 2 light-rail vehicle (LRV) commenced in May 2023 and continued throughout Q3. Review will continue into 2024.



Area 7 - Anthony Henday Drive Bridge Construction



Area 6 - WEM Elevated Guideway Construction







Area 5 - Meadowlark Road Construction

Area 4 - Stony Plain Road & 151 Street Soil Cell Installation



Area 3 - Stony Plain Road Bridge Deck Construction



Area 2 - Drainage Work at 104 Avenue & 112 Street

MILESTONES

AREA	COMPLETED MILESTONES	COMPLETION DATE
3	Stony Plain Road Bridge girders installed.	August 2023
6	All piles at West Edmonton Mall Station completed.	September 2023
7	All concrete piles at Anthony Henday Drive east approach completed.	September 2023
AREA	UPCOMING MILESTONES	FORECASTED DATE
3	Stony Plain Road Bridge concrete deck construction.	Q4 2023
8	Complete steel installation at Lewis Farms Storage Facility.	Q4 2023

KEY ACTIVITY 3-MONTH LOOK-AHEAD

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

Area 1: Start construction on drainage, roadworks, and Norquest Stop. Continue various telecom utility relocates.
Area 2: Continue drainage, roadworks, and site upgrading.
Area 3: Continue work on Stony Plain Road Bridge deck, pour deck and bridge support work. Start construction on Glenora Stop, drainage, and roadworks.

Area 4: Continue construction on Grovenor Stop, drainage, and roadworks.

Area 5: Start construction on Meadowlark and Glenwood Stops. Continue drainage and roadworks.

Area 6: Continue elevated guideway segment fabrication and erection, and pier construction. Continue construction on Misericordia and WEM Stations. Start construction on Aldergrove Stop. Continue drainage and roadworks.

Area 7: Girder fabrication underway. Pier columns on east approach (01 & 02) to be completed. Start east abutment construction. Continue work on retaining walls. Continue work on west approach ramp, supports and track slab.

Area 8: Finish steel installation and metal decking and continue roofing. Start soil cells and outer walls. Continue insulated metal panels and parking lot construction.

Area 9: Continue piling, grade beams, structural steel installation, metal decking, pipeline crossing bridge piles, yard drainage activities, footings and grade beams for AVIS (Automatic Vehicle Inspection System) building.

LRVs: Final Design Review continues.