

## **Progress Report (External) – Lithium-Ion Locomotive July/August 2024**

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The battery components continued to arrive on site in Winnipeg throughout July and August. In early July, the final prep work was completed on the body. The locomotive frame was sand blasted (photo 1) and primed (photo 2) and the electrical cabinet and wiring were prepped for control system installation. In August, the team began installing the battery propulsion components. The structural support for the battery rack, the transformers, the cooling systems, the High Voltage cabinet, and the thermal management system equipment were all installed. The electrical schematics and carbody hood design were both finalized, and construction has started on the hood.

Next up – in early September the locomotive control system will arrive on site at which point installation of the low voltage wiring will begin. The team is currently finalizing the battery locomotive livery – the unit will be a blend of Cando's existing locomotive livery with some new and exciting twists. Stay tuned for our exciting unveiling this fall.



**Photo 1**



**Photo 2**

*\*We are unable to share photos of the installed components, the schematics, and the hood design as they contain proprietary information.*