



Railcar Replacement Program Periodic Update

Presented to: Committee of the Whole

March 3, 2026



2021-125 - Railcar Replacement Project

- NTP issued – 6-26-23
- 7 yr contract term
- 24 high floor LRV (Base contract)
 - 54 total vehicles currently under contract

Railcar Replacement Program Budget

(Based on Board approved budget as of May 20, 2025)

Item	Current Budget
Vehicle Acquisition	\$380,702,126
Design, Inspection & Testing	\$6,453,947
Existing Infrastructure Upgrades	\$33,524,698
Project Administration	\$300,000
Force Account	\$12,712,115
Unallocated Contingency	\$16,307,114
Total	\$450,000,000

Funding As of – January 7, 2026

RAILCAR REPLACEMENT PROGRAM				
<u>FUNDING SOURCE</u>	<u>FUNDING AMOUNT</u>	<u>AWARDED</u>	<u>COMMITTED</u>	<u>UNCOMMITTED</u>
GCRTA ROLLING STOCK RESERVE FUND	\$105,000,000	\$90,000,000		\$15,000,000
FTA SECTION 5307 AND 5337 FORMULA GRANT FUNDS	\$86,200,000	\$56,819,201	\$34,260,800	
FTA SECTION 5337 IIJA Rail Car/USDOT BUILD/RAISE FUND	\$155,000,000	\$155,000,000		
ODOT STBG/CRP	\$70,600,000	\$29,308,000	\$26,832,000	\$14,460,000
ODOT GRF	\$4,400,000	\$4,400,000		
NOACA STBG/CRP	\$28,800,000	\$22,800,000	\$6,000,000	
Total	\$450,000,000	\$358,327,201	\$62,212,799	\$29,460,000

Infrastructure Modifications

- Port of Cleveland Connector Track - Complete
- Brookpark Shop – Complete
- Brookpark Yard – Project Closeout
- CRMF Modifications – NTP issued
- Red Line Platform Modifications – NTP Issued
- Light Rail Platform Modifications – 30% Design

Milestone Schedule

	Description	Date	Status
1	Base Contract Awarded (24)	1/18/2023	Complete
2	Option #1 – 6 Vehicle Award (30)	11/28/2023	Complete
3	Option #2 – 18 Vehicle Award (48)	11/19/2024	Complete
4	Option #3 – 6 Vehicle Award (54)	9/23/2025	Complete

Milestone Schedule Cont.

	Description	Date	Status
5	Delivery LRV #01	6/29/2026	Ongoing
6	Delivery LRV #02	7/29/2026	Ongoing
7	Delivery LRV #03	7/29/2026	Ongoing
8	Red Line Revenue Service	8/15/2027	Ongoing
9	Blue/Green/Waterfront Revenue Service	8/13/2028	Ongoing

Manufacturing Update

Car #	Status	Description
401	Static Testing	Static Testing
402	DITMCO Testing	DITMCO Continuity Testing
3A	Paint Repair has started	Floor Member Weld Repair completed moved to Paint
3B	Awaiting Floor Repair	Awaiting Repair of Carshell 3A
4A & 4B	Installing Windshield	Moved to Final Car Assembly
5A	Floor Lining	Storage
5B	Complete	
6A	Awaiting Primer	
6B & 7A	Awaiting Flooring	Floor Shop
7B, (8A & B), (9A & B), (10A & B) and (11A & B)	Awaiting Primer	Storage
12A	Welding	Weld Shop

Manufacturing Update



**#401 Static
Testing**



**#401 Interior
Information Sign
Testing**



#401 Static Testing

Manufacturing Update



**#402 DIT-MCO
Testing**



**#402 DIT-MCO
Connection**



**#402 DIT-MCO
Connection**

Manufacturing Update



**#4A Windshield
and Cab Slider
Installation**



**#4B Windshield and
Cab Slider
Installation**



#4A & B Side View

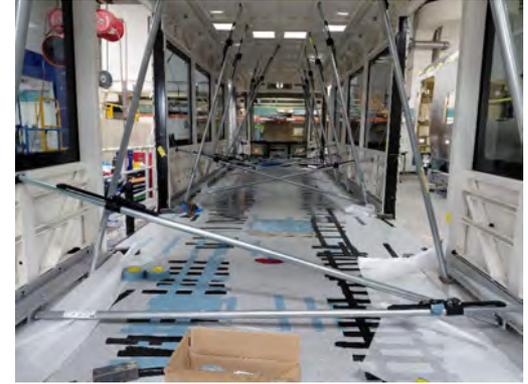
Manufacturing Update



**#7B Carshell
Storage**



**#403 B Windshield
and Cab Slider
Installation**



**#6B Floor Lining
Installation**

Cold Weather Improvements on New Fleet

- Operating ambient air -20F to 104F
- Heated pantograph, coupler, windshield, cab slide window, headlights, and gap filler
- Ice cutting pantograph and snowplow on each vehicle
- Dedicated passenger and operator HVAC
- Hydraulic brakes

Upcoming

- Commissioning
 - Jack Barnett- Deputy Project Manager - Commissioning
 - Onsite static and dynamic testing
 - Qualification testing
 - Burn-in