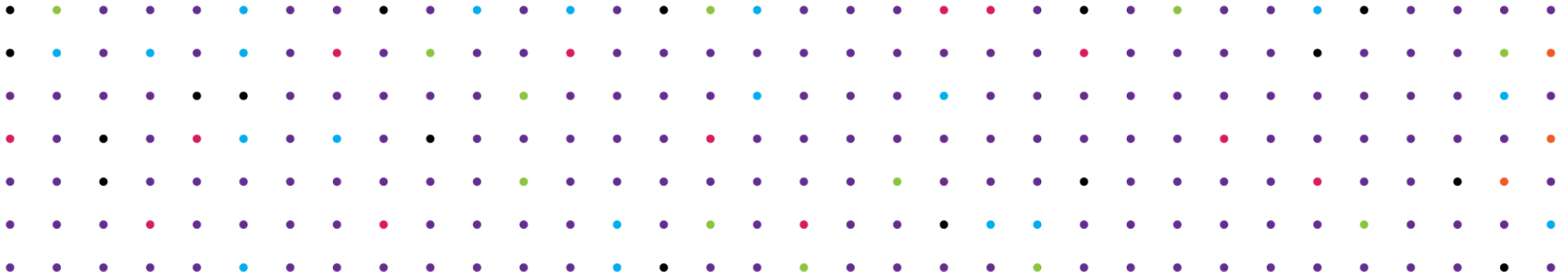
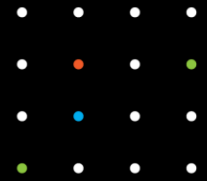


# CP 206044 P2000 LRV MIDLIFE MODERNIZATION/OVERHAUL PROJECT



# ISSUE & DISCUSSION



**PROJECT** : CP 206044 P2000 LRV MIDLIFE MODERNIZATION/OVERHAUL PROJECT

**AWARDEE**: Alstom Transportation Inc.

**NUMBER OF BIDS**: 2

**DEOD COMMITMENT**: N/A, FTA's TVM (Transit Vehicle Manufacturer) Commitment applies

**FORECASTED COMPLETION DATE**: June 2028 (Including Warranty)

**CURRENT STATUS**: In Production/Commissioning/Warranty phases.

- 46 of 52 LRVs Conditionally Accepted (88%) and ready for service
- 3 LRV's at Commissioning stage (LA Metro Site)
- 3 LRV's At Alstom's Mare Island Final Assembly Site



# ISSUE & DISCUSSION



## ISSUE

Contract was awarded to Alstom in March 2017 with Board approval with initial completion of NTP+ 55 months. Project had to be extended due to various change orders and pandemic.

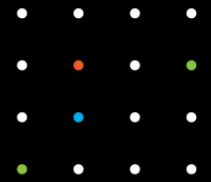
Current LOP budget is insufficient to:

- Fund negotiated/pending Change Orders to complete the project including potential claims.
- Fund related costs with Contractor, Consultants and Metro Staff up to Project Completion.

## DISCUSSION

- Change Orders were necessary due to two primary reasons: external factors such as COVID-related delays and unforeseen technical issues emerged that required additional work.
- Change Orders include upgraded components, additional testing, and improvements in ensuring safety and operational efficiency to meet evolving standards and operational demands.
- Due to COVID pandemic, Metro had to extend the support from the Contractor, Consultants and Metro Staff to ensure Project Completion.

# RECOMMENDATION



INCREASE the Life of Project (LOP) Budget for the P2000 LRV MIDLIFE MODERNIZATION/OVERHAUL PROJECT, CP 206044, by \$20,053,926.00, increasing the Life of Project from \$160,800,000.00 to \$180,853,926.00, this increase will allow to execute the required Change Orders and staff support to ensure P2000 LRV fleet remain in a State of Good Repair through their intended design life.