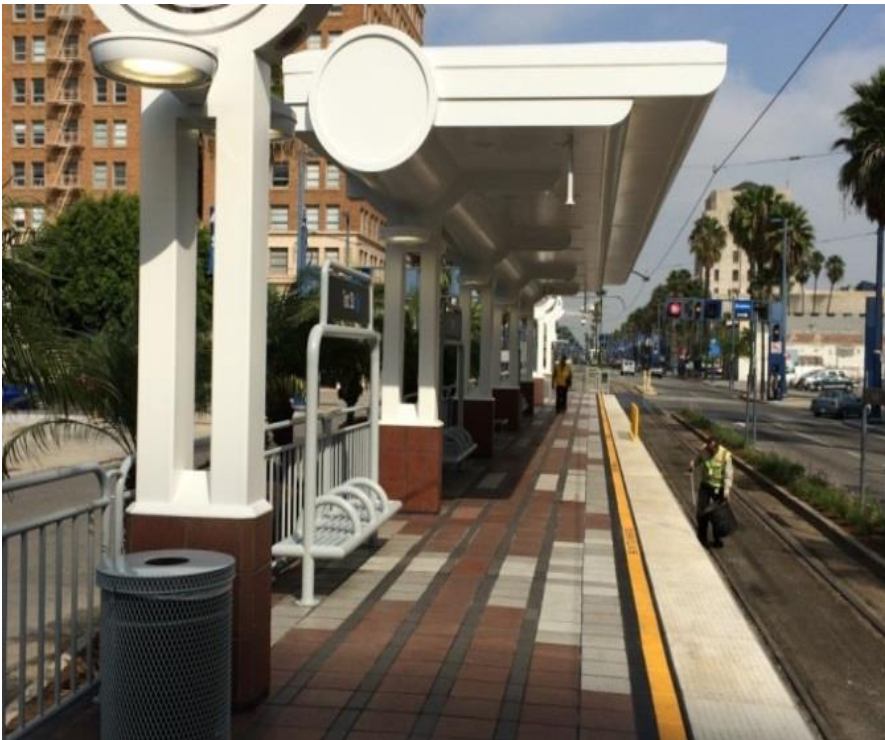


MBL Station Enhancements

- Additional canopies installed at 17 of the 21 MBL Stations
- Stations received new paint
- New LED light fixtures
- Additional CCTV cameras
- Broken tile replacements
- Status: Completed June 2016



MBL 1st Street Station after new canopy, paint and tiles



After LED Lighting Improvements

MBL Pedestrian Gates

- Install pedestrian gates and swing gates at 27 at-grade rail crossings
- All crossing in the City Of LB and City of Compton completed
- Metro working on crossing in the County of LA and the City of LA
- Status: In Construction
- Completion October 2017



MBL Pedestrian and Swing Gates as installed on MGL and Expo Line



Construction Activity. Conduit Installation.

MBL Re-Signaling

- Renew the signaling system, which is approximately 25 years old
- Provide 6 new interlocking's, 2 siding tracks at Washington and 95th St
- Reduce disruption during track outages
- Rehab the OCS system
- Renew the signaling at MBL Div. 11
- Status: In Solicitation
- Completion August 2020



Old Relay Train Control

New Train Control



Project adds 6 Crossovers

MBL Facilities and Bridge Inspections

- Part of the State of Good Repair Program.
- Metro performed structural inspections for all 15 Blue Line facilities and bridges.
- No critical structural defects identified.
- Status: In Progress.
- Completion: December 2016.

LACMTA, Inspection, Report Progress:					
No. of Reports	Report No.	Report No. - Structure	Inspection	Inspection Date	Final Report Submitted to Metro:
BLUE LINE					
1	B-001	B-001 Slauson Avenue Bridge	Inspected	2014-06	5/17/2016
2	B-001A	B-001A Slauson Avenue Station	Inspected	2014-06	5/17/2016
3	B-002	B-002 Firestone Blvd Bridge	Inspected	2014-07	5/17/2016
4	B-002A	B-002A Firestone Station	Inspected	2014-07	5/17/2016
5	B-003	B-003 Rosecrans Flyover	Inspected	2014-07	5/17/2016
6	B-004	B-004 Compton Creek Bridge	Inspected	2014-07	5/17/2016
7	B-005	B-005 Dominguez Flyover	Inspected	2014-08	5/17/2016
8	B-006	B-006 Del Amo Flyover	Inspected	2015-06	5/17/2016
9	B-006A	B-006A Del Amo Station	Inspected	2015-06	5/17/2016
10	B-007	B-007 I-710 Freeway Flyover	Inspected	2015-07	5/17/2016
11	B-008	B-008 Yard Access Structure	Inspected	2015-06	5/17/2016
12	B-008X	B-008x Main Yard Bridge - Yard Access Road	Inspected	2015-07	5/17/2016
13	B-009	B-009 Los Angeles River Bridge	Inspected	2015-09	5/17/2016
14	B-010	B-010 Bixby Creek Culvert	Inspected	2015-06	5/17/2016
15	B-032A	84th St Pedestrian Underpass	Inspected	2016-05	6/28/2016

MBL Wardlow Station Grade Separation

- A solicitation is out to have a consultant to review and rank all MBL crossings for Grade Separation.
- Feasibility study of Wardlow Grade Separation is also in consultant's Scope of Work.
- Below is a conceptual design rendering of Wardlow Grade Separation / Aerial Station.



MBL Exiting Analysis & Required Fare Gates

- Consultant submitted a report related to installing Fare Gates in City of Long Beach
- Report is being reviewed by Metro.
- Feasibility study for installing 2 fare gates per entry in the City of LB Stations at Wardlow, 5th Street, 1st Street, Downtown Long Beach / Transit Mall, and Pacific Avenue, will follow.



MBL Traction Power Evaluation

- A consultant hired to investigate to improve reliability of the traction power system on the MBL.
- Objectives are to reduce tripping of breakers, checking the relays settings.
- Completion: Final report with recommendations to be submitted to Metro Dec 30, 2016.



Typical TPSS Equipment



Rail Operating Center (ROC)