

**MBL Current and Planned Projects**

**Current**

**Safety & Security**

ITEM	STATUS
Addition of pedestrian gates to grade crossings	Commenced October 2015. 80% complete on underground work with underground work complete at 2 crossings
Wardlow Grade Crossing improvements	City of Long Beach is currently finalizing traffic plans
Long Beach Loop Train/Street Intersection Improvements	City of Long Beach is currently finalizing traffic plans

**State of Good Repair Efforts**

ITEM	STATUS
OCS Insulator replacement campaign	Completed early 2013
Traction Power Substation Replacement	Completed early 2014
Ductbank Rehabilitation Phase 1 (repair sinkhole damage)	Completed 2014
Trackway erosion/slope stabilization	Completed 2014
Station Rehabilitation	Completed November 2015
Track Crossover turnout replacement	On-going with 37% complete
Fire System Rehabilitation	On-going
Body Shop rehabilitation	Substantially complete May 2016
Systemwide Corrosion Protection System Replacement	In construction
OCS rehabilitation (Downtown LB & LA)	In procurement with NTP anticipated mid-2017
Long Beach track rehabilitation (rail rebooting)	In procurement
Wheel Truing Machine	In procurement
Fire Control Panel Upgrade	Scope currently being prepared for replacement of obsolete fire alarm control panels, systemwide
Ductbank Rehabilitation Phase 2	Scope in development to repair collapsed ductbanks due to sink holes

**Station Enhancements/Gating/Improving Accessibility**

ITEM	STATUS
Willowbrook Station Improvements	Project is currently in design development and will involve improvements to the park-n-ride, passenger drop of areas and new Metro Transit Plaza with provisions for fare gates

**Planned****Capital Improvement & State of Good Repair Projects**

ITEM	PURPOSE
PA/TPIS Rehabilitation	Capital Project – proposal in development to improve available visual and audio communication to customers, especially during incidents affecting train service
Emergency Trip System (ETS) Replacement	SOGR - Replacement of obsolete equipment
Grade crossing signal case replacement	SOGR - Replacement of obsolete and life-expired equipment
Rail Replacement & Booting between San Pedro and Washington	Capital Project - enable track circuiting for train monitoring, to inspect, repair or replace track structures affected by corrosion and to improve corrosion protection
Switch machine replacement	SOGR – Track switch machine equipment is nearing end-of-life
OCS rehabilitation (mid corridor)	Capital Project - proposal in development for targeted replacement of contact wire and some insulators and terminations between Washington and Willow
Anaheim Crossover replacement	Capital Improvement - Existing crossover is hand-throw only and usability is very limited
9th Street Track Diamond Crossover Replacement	SOGR - Placement of existing track work nearing end-of-life
Train control Relay overhaul	SOGR - Overhaul campaign of signal relays
Station Refurbishments – phase 2	Possible Capital Project in discussion
7th & Metro Electrical and Ventilation Systems	SOGR - Replacement/overhaul of obsolete switchgear and overhaul of emergency ventilation equipment
Del Amo Settlement Mitigation	Possible Capital Project in discussion
Downtown LA Ductbank drainage	Possible Capital Project in discussion
Downtown LA parallel feeder replacement	Possible Capital Project in discussion