

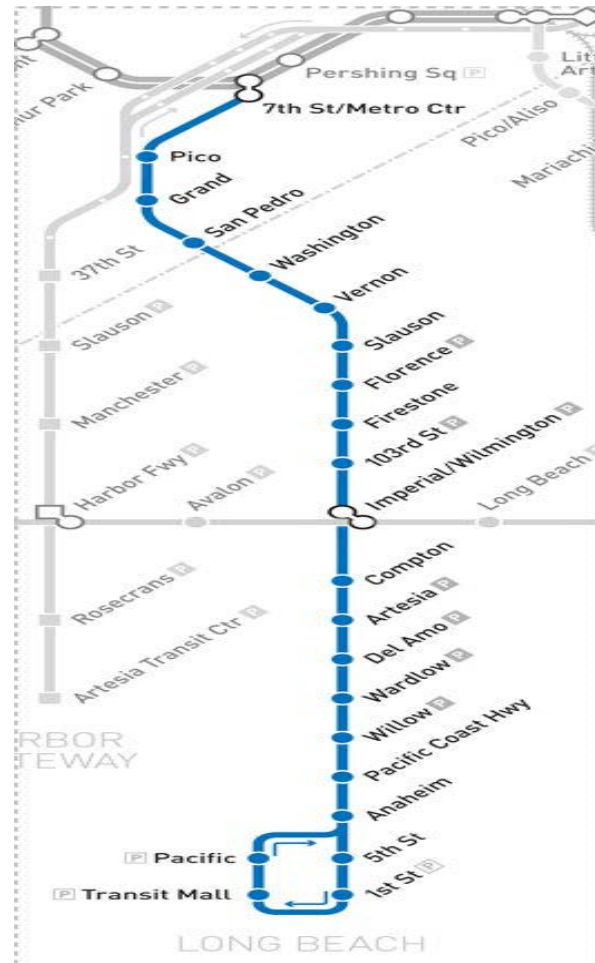
Blue Line Refurbishment Project



Upgrading the Metro Blue Line



Map of Metro Blue Line



Oldest and 2nd busiest line in system with over 28 million riders

July 1990: Opened in 2 phases – LB Transit Mall to Grand and Grand to 7th/Metro

Projects Underway or Already Completed

Project	Status
2001: Stations modified to handle 3-car trains	Complete
2006: Began track & pavement rehab at grade crossings	Complete
2009: Began purchasing 78 new cars	2019: Estimated Completion
2011: Began adding pedestrian gates and warning devices	2016: Estimated Completion
2011: Began upgrade of Passenger Information System	2019: Estimated Completion
2013: Began Upgrading 69 Siemens/P2000 rail cars for system compatibility	2019: Estimated Completion
2009: Began replacing power substations	19 of 20 replaced to date 2015: Estimated Completion

- Train at Long Beach Transit Mall

Future Upgrades

June 9: Began test demonstration of insertion of rail booting & possible rail @ 8th/Pacific to determine speed of completion of project

August/September:
Anticipate start of major refurbishments to canopies, rails, catenary system, and station tiles



Current Rail Upgrades

Environmental reports completed and permits approved

Some repairs are performed by Metro staff – not third party contractors

Continued landscaping along Right of Way (ROW)

Installing rubber booting at interlockings in other areas as part of regular maintenance

Continuing painting of station fencing and platforms

Safety striping inserted throughout alignment and trains with safety messages in English/Spanish such as:



Project Outreach

- Continued outreach to Long Beach community nearest to the train alignment
- Website – Metro.net/BlueLineUpgrades
- Email blasts to surrounding areas from our growing database
- Ongoing presentations with community groups and stakeholders
- To date 3 hospitals, 4 schools, 27 HOA's and 45 businesses have been notified