



**Massachusetts Bay
Transportation Authority**

**Red Line/Orange Line Infrastructure Improvements
Program Funding Through FY2023**

April 22, 2019



OVERVIEW

Seeking approval by MassDOT/FMCB boards for funding through FY23 for:

- Construction of the remaining Red Line/Orange Line Infrastructure Improvement Projects
- Continuation of program management, construction management, owner's representation and administrative costs

Requested funding will be through an Interagency Service Agreement between MassDOT and the MBTA, transferring proceeds of Commonwealth-issued Rail Enhancement Program bonds to the MBTA.



Red Line/Orange Line Improvement Program

Red Line

Orange Line

NEW VEHICLE PROCUREMENT PROGRAM

INFRASTRUCTURE IMPROVEMENTS
PROGRAM

SIGNALS UPGRADE PROJECTS

STATE OF GOOD REPAIR PROJECTS



Annual Funding Needs – Interagency Service Agreements (ISAs)

Red Line Orange Line Infrastructure Improvement Projects (Cost in Millions)	Thru FY2020 Obligation	FY2021 Obligation	FY2022 Obligation	TOTAL Obligation	Anticipated Construction Advertisement Date
Orange Line Test Track at Wellington Yard	\$8.07			\$8.07	✓ Mar. 2017
Wellington Yard Expansion-Tracks 33 to 38	\$24.56			\$24.56	✓ Oct. 2016
Wellington Maintenance Facility	\$89.38			\$89.38	✓ Mar. 2017
Wellington Yard Rebuild	\$76.16			\$76.16	✓ Feb. 2018
Red Line Test Track	\$26.64			\$26.64	✓ Aug. 2017
Cabot Yard and Maintenance Facility Improvements	\$151.79			\$151.79	✓ Jun. 2018
RL/OL Program Level (PM/CM, OR & Project Admin.)	\$93.76			\$93.76	
Total:	\$470.36				
Current Funding:	(\$446.56)				
TOTAL ADDITIONAL FUNDING REQUIRED:	\$23.80M			\$470.36M	



Projected Spending – Interagency Service Agreements (ISAs)

RLOL Infrastructure Improvement Projects (Cost in Millions)	Thru FY2020 Obligation	Anticipated Spending					
		Prior FY2020	FY2020	FY2021	FY2022	FY2023	TOTAL
Orange Line Test Track at Wellington Yard	\$8.07	\$6.69	\$1.38				\$8.07
Wellington Yard Expansion-Tracks 33-38	\$24.56	\$18.84	\$5.72				\$24.56
Wellington Maintenance Facility	\$89.38	\$41.83	\$24.56	\$22.99			\$89.38
Wellington Yard Rebuild	\$76.16	\$16.90	\$44.65	\$14.61			\$76.16
Red Line Test Track	\$26.64	\$14.26	\$12.38				\$26.64
Cabot Yard and Maintenance Facility Improvements	\$151.79	\$27.69	\$51.38	\$72.72			\$151.79
RL/OL Program Level (Project Admin., PM/CM & OR)	\$93.76	\$51.21	\$19.49	\$23.06			\$93.76
Total:	\$470.36						
Current Funding:	(\$446.56)						
TOTAL ADDITIONAL FUNDING REQUIRED:	\$23.80M	\$177.42	\$159.56	\$133.38			\$470.36



Program Funding

Current Authorized Funding (Through FY18):
\$446,566,348

Current Funding Request (Through FY23):
\$23,792,180

Future Funding Request:
\$0

Total Funding:
\$470,358,528



Request of the Fiscal and Management Control Board

Staff request that the Massachusetts Department of Transportation and Fiscal and Management Control Board approve the transfer of \$23,792,180 from MassDOT to the MBTA through and Interagency Service Agreement to fund the Red Line/Orange Line Infrastructure Improvements Program through FY2023.



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**Appendix
Red Line/Orange Line Infrastructure Improvements
Projects**

April 22, 2019



Orange Line Projects





Red Line Projects

