



**Massachusetts Bay  
Transportation Authority**

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

**April 22, 2019**



## OVERVIEW

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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

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Red Line

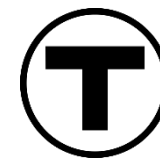
Orange Line

NEW VEHICLE PROCUREMENT PROGRAM

INFRASTRUCTURE IMPROVEMENTS  
PROGRAM

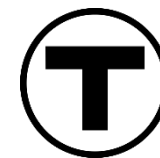
SIGNALS UPGRADE PROJECTS

STATE OF GOOD REPAIR PROJECTS



## Annual Funding Needs – Interagency Service Agreements (ISAs)

Red Line Orange Line Infrastructure Improvement Projects (Cost in Millions)	Thru FY2019 Obligation	FY2020 Obligation	FY2021 Obligation	TOTAL Obligation	Actual Construction Advertisement Dates
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 FY2019 Obligation	Anticipated Spending					
		Prior through FY2019	FY2020	FY2021	FY2022	FY2023	TOTAL
Orange Line Test Track at Wellington Yard	\$8.07	\$7.37	\$0.70				\$8.07
Wellington Yard Expansion-Tracks 33-38	\$24.56	\$19.52	\$5.04				\$24.56
Wellington Maintenance Facility	\$89.38	\$46.51	\$18.06	\$24.81			\$89.38
Wellington Yard Rebuild	\$76.16	\$17.57	\$38.83	\$19.76			\$76.16
Red Line Test Track	\$26.64	\$14.93	\$11.71				\$26.64
Cabot Yard and Maintenance Facility Improvements	\$151.79	\$28.36	\$45.56	\$77.87			\$151.79
RL/OL Program Level (Project Admin., PM/CM & OR)	\$93.76	\$51.88	\$13.68	\$28.20			\$93.76
Total:	\$470.36						
Current Funding:	(\$446.56)						
TOTAL ADDITIONAL FUNDING REQUIRED:	\$23.80M	\$186.14	\$133.58	\$150.64			\$470.36



## Program Funding

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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 MassDOT and FMCB Boards**

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Staff request that the Massachusetts Department of Transportation Board approve, and the Fiscal and Management Control Board accept, the transfer of \$23,792,180 from MassDOT to the MBTA through an 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

