



BOSTON REGION METROPOLITAN PLANNING ORGANIZATION

Monica Tibbits-Nutt, MPO Chair | Secretary and CEO, Massachusetts Department of Transportation
Tegin Leigh Teich, Executive Director, MPO Staff

WORK PROGRAM

MAPPING FOR MBTA BUS NETWORK REDESIGN

NOVEMBER 21, 2024

Proposed Motion

The Boston Region Metropolitan Planning Organization (MPO) votes to approve this work program.

Project Identification

Unified Planning Work Program (UPWP) Classification

Not listed in federal fiscal year (FFY) 2025 UPWP

Project Number 11505

Client

Massachusetts Bay Transportation Authority (MBTA)

Project Supervisors

Principal: Gina Perille

Manager: Kenneth Dumas

Funding Source

Future MBTA Contract

Schedule and Budget

Schedule: 48 months from notice to proceed

Budget: \$93,204

Schedule and budget details are shown in Exhibits 1 and 2, respectively. This budget was developed using a billing overhead rate of 120.30 percent as approved by the Boston Region MPO for state fiscal year (SFY) 2025. Beginning July 1, 2025, and each July 1 thereafter, the overhead rate will be adjusted to reflect the SFY rate approved by the MPO.

Relationship to MPO Work

This study is supported in full with non-MPO funding. Committing MPO staff to this project will not impinge on the quality or timeliness of MPO-funded work.

Background

For the past 30 years, the Graphics Department of the Boston Region Metropolitan Planning Organization (MPO) has been responsible for many of the MBTA's maps. This includes the Official System Map, Rapid Transit Map, Commuter Rail Map, bus maps, and neighborhood maps. When needed, the Boston Region MPO has been contracted to update and correct these maps.

Objective(s)

Beginning in the spring of 2025 and until end of 2029, the MBTA will annually add or change a predetermined set of maps to align with the MBTA's Bus Network Redesign effort. This effort has repercussions throughout the system and requires many maps to be updated. Updates to the MBTA Rapid Transit Map, as well as Neighborhood Maps, Bus Neighborhood Maps, Bus Schedule Maps, and Bus Shelter Maps will be required.

Work Description

The work required to accomplish the objectives will be carried out in four tasks as described below:

Task 1 Update Maps for Phase 2

The MBTA will provide a list of maps that will need to be updated for this phase. Using current and up-to-date resources, CTPS will create the new maps required for this phase.

Products of Task 1

60–70 new maps

Task 2 Update Maps for Phase 3

The MBTA will provide a list of maps that will need to be updated for this phase. Using current and up-to-date resources, CTPS will create the new maps required for this phase.

Products of Task 2

60–70 new maps

Task 3 Update Maps for Phase 4

The MBTA will provide a list of maps that will need to be updated for this phase. Using current and up-to-date resources, CTPS will create the new maps required for this phase.

Products of Task 4

60–70 new maps

Task 4 Update Maps for Phase 5

The MBTA will provide a list of maps that will need to be updated for this phase. Using current and up-to-date resources, CTPS will create the new maps required for this phase.

Products of Task 5

60–70 new maps

Exhibit 1
ESTIMATED SCHEDULE
MBTA BUS NETWORK REDESIGN

Task	Quarter																
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
1. Update Maps for Phase 2	A																
2. Update Maps for Phase 3					B												
3. Update Maps for Phase 4								C									
4. Update Maps for Phase 5													D				

Products/Milestones

- A: Final maps for phase 2
- B: Final maps for phase 3
- C: Final maps for phase 4
- D: Final maps for phase 5

Exhibit 2
ESTIMATED COST
MBTA BUS NETWORK REDESIGN

Direct Salary and Overhead	\$93,204
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Task	Person-Weeks by Pay Grade		Direct Salary	Overhead (120.3%)	Total Cost
	G-7	Total			
1. Update Maps for Phase 2	5.5	5.5	\$10,577	\$12,724	\$23,301
2. Update Maps for Phase 3	5.5	5.5	\$10,577	\$12,724	\$23,301
3. Update Maps for Phase 4	5.5	5.5	\$10,577	\$12,724	\$23,301
4. Update Maps for Phase 5	5.5	5.5	\$10,577	\$12,724	\$23,301
Total	22.0	22.0	\$42,308	\$50,896	\$93,204

Other Direct Costs	\$0
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TOTAL COST	\$93,204
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Funding

Future MBTA Contract #XXXXXX

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To request this information in a different language or format, please contact:

Boston Region MPO Title VI Specialist

10 Park Plaza, Suite 2150

Boston, MA 02116

Phone: 857.702.3700

Email: civilrights@ctps.org

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