



## BOSTON REGION METROPOLITAN PLANNING ORGANIZATION

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Stephanie Pollack, MassDOT Secretary and CEO and MPO Chair  
Karl H. Quackenbush, Executive Director, MPO Staff

### **WORK PROGRAM**

### **MBTA MAPPING SUPPORT**

APRIL 12, 2018

#### **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) 2018 UPWP

**Project Number** 11491

##### **Client**

Massachusetts Bay Transportation Authority (MBTA)

*Client Supervisor: Melissa Dullea*

##### **Project Supervisors**

*Principal: Jane M. Gillis*

*Manager: Kenneth Dumas*

##### **Funding Source**

MBTA Contract

#### **Schedule and Budget**

**Schedule:** 36 months from notice to proceed

**Budget:** \$12,000

Schedule and budget details are shown in Exhibits 1 and 2, respectively. This budget was developed using a billing overhead rate of 105.66 percent as approved by the Boston Region MPO for state fiscal year (SFY) 2018. On each consecutive July 1, beginning with July 1, 2018, 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

Central Transportation Planning Staff (CTPS) provides regular map-making support to the MBTA and has created many MBTA maps, including maps for districts, bus schedules, neighborhoods, fare increases, and detours.

## Objective

The objective of this work is to provide map-making support, upon request from the MBTA. At the time of each request, CTPS will provide the MBTA with an estimate of the specific cost and schedule for completing the map(s).

## Work Description

CTPS will update MBTA maps, upon request from the MBTA, within the budget provided for this project.

### **Task 1 Update District Maps**

In 2014, CTPS created a series of MBTA district maps. Each of these maps presented all of the MBTA bus routes originating from an MBTA bus garage. When the MBTA changes bus routes or bus route garage assignments, these maps need to be updated to reflect the changes. Upon request from the MBTA, CTPS staff will update district maps to reflect changes in bus routes and bus route garage assignments.

#### ***Products of Task 1***

Updated MBTA district maps

### **Task 2 Update Other MBTA Maps**

Upon request from the MBTA, CTPS staff will update other existing CTPS-created MBTA maps.

#### ***Products of Task 2***

Updated MBTA maps

**Exhibit 1**  
**ESTIMATED SCHEDULE**  
**MBTA Map Support**

Task	Quarter								
	1	2	3	4	5	6	7	8	9
1. Update District Maps									
2. Provide Map-making Support									

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**Exhibit 2**  
**ESTIMATED COST**  
**MBTA Map Support**

<b>Direct Salary and Overhead</b>	<b>\$12,000</b>
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Task	Person-Weeks		Direct Salary	Overhead (105.66%)	Total Cost
	P-5	Total			
1. Update District Maps	1.0	1.0	\$1,904	\$2,012	\$3,915
2. Provide Map-making Support	2.1	2.1	\$3,931	\$4,154	\$8,085
Total	3.1	3.1	\$5,835	\$6,165	\$12,000

<b>Other Direct Costs</b>	<b>\$0</b>
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<b>TOTAL COST</b>	<b>\$12,000</b>
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**Funding**  
 MBTA