



## **BOSTON REGION METROPOLITAN PLANNING ORGANIZATION**

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Stephanie Pollack, MassDOT Secretary and CEO and MPO Chair  
Tegin L. Teich, Executive Director, MPO Staff

### ***WORK PROGRAM***

## **METROWEST REGIONAL TRANSIT AUTHORITY SUNDAY SERVICE FEASIBILITY STUDY**

AUGUST 6, 2020

### **Proposed Motion**

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

### **Project Identification**

Unified Planning Work Program (UPWP) Classification

Boston Region MPO Planning Studies and Technical Analyses

Project Number 11493

Client

MetroWest Regional Transit Authority (MWRTA)

Project Supervisors

*Principal:* Paul Christner

*Manager:* Jonathan Belcher

Funding Source

Future MWRTA contract

### **Schedule and Budget**

Schedule: 12 months after work commences

Budget: \$75,000

Schedule and budget details are shown in Exhibits 1 and 2, respectively.

### **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

The MWRTA currently only operates fixed-route bus service Monday through Saturday, and has never provided fixed-route service on Sundays. MWRTA has requested the Central Transportation Planning Staff (CTPS) conduct a study to evaluate the potential for Sunday fixed-route service in the MWRTA service region.

## Objective(s)

CTPS staff will review existing MWRTA ridership and demand, with a concentration on off-peak demand. CTPS will consider where the need for expanded off-peak service on Sundays is most likely to be the greatest, and will assist MWRTA in developing potential schedules and operating plans for Sunday service.

## Work Description

The work required to accomplish the project objectives will be divided into five primary tasks.

### **Task 1 Review existing ridership data provided by MWRTA**

CTPS will work with MWRTA staff to develop methods to analyze the ridership data collected by the MWRTA. CTPS will then review existing ridership data provided by MWRTA, and examine where existing off-peak demand suggests the greatest potential for Sunday service.

#### *Product of Task 1*

Develop methods and analyze ridership data provided by MWRTA

### **Task 2 Review passenger survey data provided by MWRTA**

CTPS will work with MWRTA staff to develop methods to analyze survey data collected by MWRTA. CTPS will then review the passenger survey data provided by MWRTA, and examine where customer responses suggest the greatest potential for Sunday service.

#### *Product of Task 2*

Develop methods and analyze survey data provided by MWRTA

### **Task 3 Develop potential fixed-route service scenarios for Sunday service**

CTPS will develop Sunday fixed-route service scenarios in cooperation with MWRTA staff. Scenarios may include draft schedules and consideration of operating unique Sunday routes, which may be hybrids of existing Monday through Saturday routes. Staff will consider the operating costs of the proposed fixed-route services, and the costs to provide required Americans with Disabilities Act of 1990 (or ADA) complementary paratransit to the expanded fixed-route network.

*Product of Task 3*

Draft scenarios for Sunday fixed-route service, including operating cost estimates

**Task 4 Summarize results in technical memorandum**

CTPS will summarize the results of Tasks 1–3 in a technical memorandum, and make recommendations for new Sunday fixed-route service.

*Product of Task 4*

A technical memorandum summarizing the potential for Sunday service in the MWRTA service area, and recommendations made by CTPS

**Task 5 Provide ongoing support and update data**

CTPS will provide ongoing support to assist MWRTA in an implementation plan for Sunday bus service, and will update products of Tasks 1–4 if additional data is available from MWRTA.

*Product of Task 5*

Ongoing support to MWRTA, and updates to earlier tasks if new data is available

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**Exhibit 1**  
**ESTIMATED SCHEDULE**  
**MWRTA Sunday Service Feasibility Study**

Task	Month												
	1	2	3	4	5	6	7	8	9	10	11	12	
1. Review existing ridership data provided by MWRTA	█												
2. Review passenger survey data provided by MWRTA	█												
3. Develop potential fixed-route service scenarios for Sunday service			█										
4. Summarize results in technical memorandum	█				A								
5. Provide ongoing support and update data	█												

Products/Milestones

A: Technical memorandum no. 1

**Exhibit 2**  
**ESTIMATED COST**  
**MWRTA Sunday Service Feasibility Study**

<b>Direct Salary and Overhead</b>	<b>\$75,000</b>
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Task	Person-Weeks				Direct Salary	Overhead (106%)	Total Cost
	M-1	P-5	P-4	Total			
1. Review existing ridership data provided by MWRTA	0.2	1.0	0.5	1.8	\$3,175	\$3,365	\$6,540
2. Review passenger survey data provided by MWRTA	0.2	1.0	0.7	2.0	\$3,531	\$3,743	\$7,273
3. Develop potential fixed-route service scenarios for Sunday service	0.0	3.0	1.0	4.0	\$7,406	\$7,850	\$15,256
4. Summarize results in technical memorandum	1.5	2.0	0.0	3.5	\$6,762	\$7,168	\$13,931
5. Provide ongoing support and update data	0.0	7.8	0.0	7.8	\$15,534	\$16,466	\$32,000
Total	2.0	14.8	2.2	19.1	\$36,407	\$38,592	\$75,000

<b>Other Direct Costs</b>	<b>\$0</b>
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<b>TOTAL COST</b>	<b>\$75,000</b>
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**Funding**  
 Future MWRTA contract