WORK PLAN

MAP AND SIGNAGE SUPPORT TO THE MBTA BUS NETWORK REDESIGN

AUGUST 4, 2022

Project Identification

Project Number 11500

Client
Massachusetts Bay Transportation Authority (MBTA)

Project Supervisors
Principal: Annette Demchur
Manager: Kenneth Dumas

Funding Source
Future MBTA contract

Schedule and Budget

Schedule: Eight months from notice to proceed

Budget: $31,755
Schedule and budget details are shown in Exhibits 1 and 2, respectively.

Background

For the past 30 years, the Graphics Department of the Central Transportation Planning Staff (CTPS) 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, CTPS has been contracted to update and correct these maps.

Objectives

Beginning in the spring of 2023 and until 2027, the MBTA will annually add or change 15-20 bus routes. These changes will have repercussions throughout the system and

require many maps to be updated. Also, various forms of public outreach will be required to inform the riders of the pending changes.

Work Description

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

Task 1 Update the MBTA Official System Map

By June 2023, the MBTA Official System Map will be updated to include the 15-20 bus route changes.

Product of Task 1
An updated MBTA Official System Map

Task 2 Update the MBTA Rapid Transit Map

By June 2023, the MBTA Rapid Transit Map will be updated to include the 15-20 bus route changes.

Product of Task 2
An updated MBTA Rapid Transit Map

Task 3 Update the MBTA bus maps

By June 2023, the MBTA bus maps will be updated to include the 15-20 bus route changes.

Products of Task 3
An updated series of MBTA bus maps

Task 4 Create additional communications as needed

The CTPS Graphics Department will produce additional communication graphics as requested by the MBTA within the available budget. These graphics will be consistent with MBTA nomenclature and design guidelines.

Products of Task 4
Communications graphics, as requested

Exhibit 1
ESTIMATED SCHEDULE
Map and Signage Support to the MBTA Bus Network Redesign

Task	Month							
	1	2	3	4	5	6	7	8
1. Update the MBTA Official System Map		A						
2. Update the MBTA Rapid Transit Map		B						
3. Update the MBTA bus maps		C						
4. Create additional communications								D

Products/Milestones
    A: System Map
    B: Rapid Transit Map
    C: Bus maps
    D Additional communications

Exhibit 2
ESTIMATED COST
Map and Signage Support to the MBTA Bus Network Redesign

| **Direct Salary and Overhead** | | | | | **$31,755** |

Task	Person-Weeks		Direct Salary	Overhead (109.09%)	Total Cost
	P-5	Total			
1. Update the MBTA Official System Map	1	1	$1,688	$1,841	$3,528
2. Update the MBTA Rapid Transit Map	1	1	$1,688	$1,841	$3,528
3. Update the MBTA bus maps	2	2	$3,375	$3,682	$7,057
4. Create additional communications	5	5	$8,438	$9,204	$17,642
Total	9	9	$15,188	$16,568	$31,755

| **Other Direct Costs** | **$0** |

| **TOTAL COST** | **$31,755** |

Funding
Future MBTA contract

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Title VI Specialist
Boston Region MPO
10 Park Plaza, Suite 2150
Boston, MA 02116
civilrights@ctps.org

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