

CMAQ/TAP Scope Change Request Form

Project Identification

TIP ID	01-12-0002	Sponsor	Chicago Department of Transportation
Project Location Description	Citywide Mobile Field Deployments		

Revised Project Scope

The new project scope seeks to achieve the same goals as the original static Variable Message Sign (VMS) project but through a modernized approach utilizing Portable Changeable Message Signs (PCMS) instead. PCMSs will replace permanent VMS, providing flexible and adaptive messaging. The PCMSs will be deployed to deliver dynamic messaging during special events, emergencies, and routine traffic management scenarios. When an event is scheduled (high impact concert, sporting event, Chicago Marathon, etc.) the message signs will be moved into the area and placed at strategic intersections, to be identified as part of this project. The signs will inform drivers of upcoming events, current detours, and estimated time of event completion. When an unscheduled event occurs (crash, debris, weather conditions, etc.) the message signs will be moved to the area of interest to inform drivers of the cause of increased congestion or decreased lane access, and any detour routes. CDOT currently operates PCMS Boards and will add several new systems as part of this project. CDOT would also pursue the integration of other city owned PCMS units into the ATMS system. During times of operation, each sign will be connected to CDOT's Advanced Traffic Management System (ATMS) for real-time remote access and status updates. The project will result in the creation of schedules for PCMS movement and plans for different scenarios and significant events that impact traffic. Deployed signs and their messages will also be visible on the city's traffic advisory website <https://chicagotraffictracker.com/>.

This Grant will be combined with the Arterial Detection Grant (01-12-0005). Both Grants will focus on traffic mobility and information connectivity to the ATMS. The Grants will be advertised and implemented as part of a single city project.

Changes to Location/Limits (if applicable)

Map Attached

Name of Street or Facility to be Improved CDOT – Traffic Management Center	Marked Route # Various	
North/West Reference Point/Cross St/Intersection	Marked Route #	Municipality & County Chicago, Cook
South/East Reference Point/Cross St/Intersection	Marked Route #	Municipality & County
Other Project Location Information		

Changes to Emissions Benefit Analysis (not required of TAP projects)

- The proposed scope change will not affect the emissions benefits of the project.
- The proposed scope change will affect the emissions benefits of the project – continue to next page.

Cost/Schedule Changes

- The scope change will result in a cost change. A [Cost Change Request](#) form was submitted.
- The scope change will result in a schedule change. A [Schedule Change Request](#) form was submitted.

Additional Comments