

SNHPC Intelligent Transportation System (ITS) Architecture Amendment #1

*SNHPC MPO Meeting
February 25, 2020*

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SNHPC Intelligent Transportation Systems (ITS) Architecture Amendment #1

- **Intelligent Transportation Systems (ITS)** is defined by FHWA to mean *“electronics, communications, or information processing used singly or in combination to improve the efficiency or safety of a surface transportation system.”*
- **ITS applications include:**
 - Electronic Toll Collection
 - Traffic Signal Coordination
 - Transit Signal Prioritization
 - Traveler Information Systems
 - Traffic Incident Management
 - ...and many, many more.



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ITS Architecture

For the
Southern New Hampshire Planning Commission Region



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April 2016

- The SNHPC Adopted its Regional ITS Architecture in April 2016.
- The Regional ITS Architecture is a *“framework for ensuring institutional agreement and technical integration for the implementation of ITS projects.”*
- Federal regulations require that ITS projects being implemented are consistent with the applicable Regional ITS Architecture.



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- **In the 2017 CMAQ Round, the SNHPC supported the City of Manchester's Application to implement an adaptive signal control project on Granite Street.**
 - Adaptive signal control allows signal timing to change based on actual traffic demand.
 - The project was funded and is now under development by the City of Manchester and its consultant.
 - In developing the Concept of Operations document for the project, an amendment to the regional ITS Architecture was recommended.



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Proposed Manchester Traffic Signal Architecture

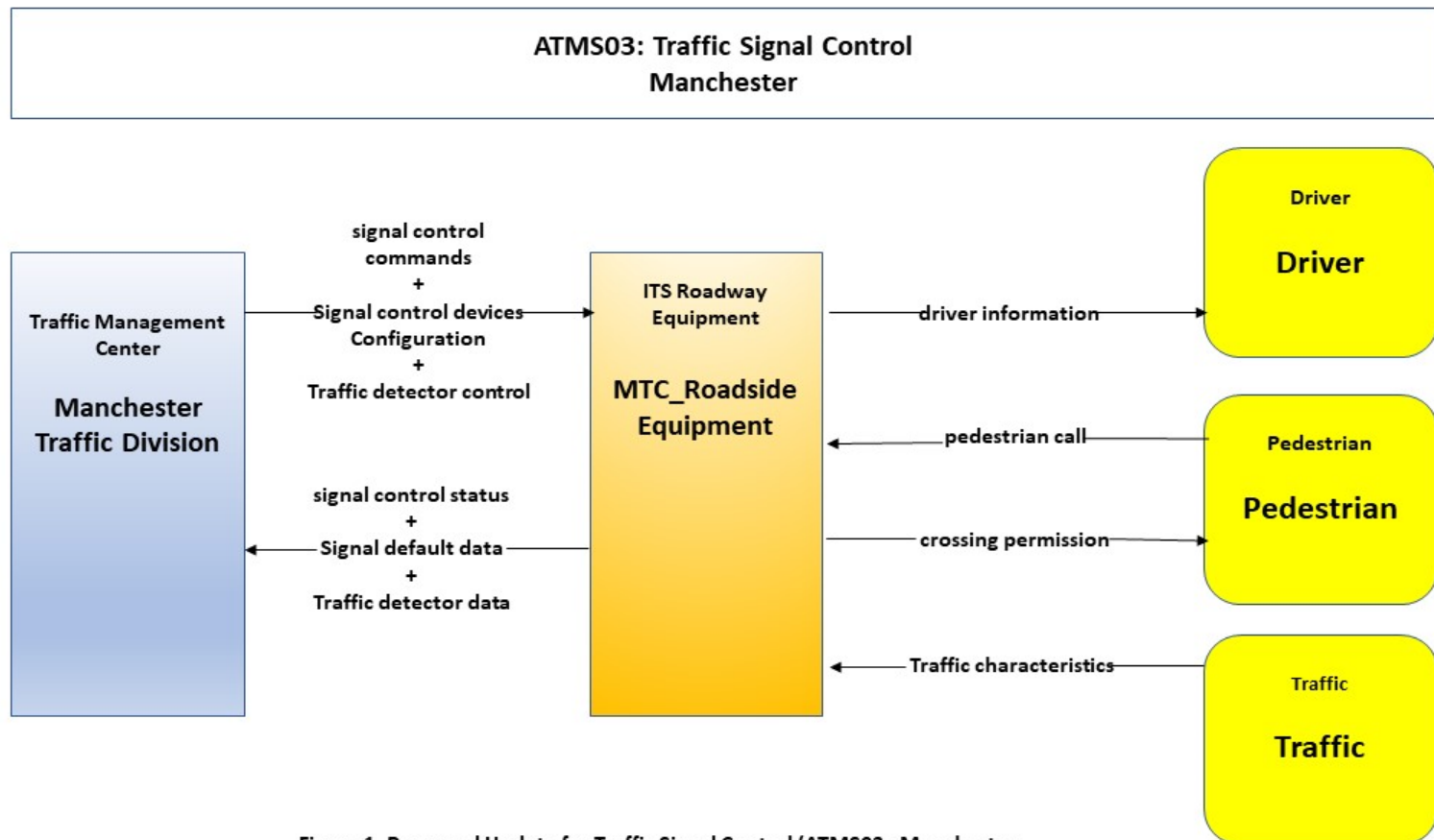


Figure 1. Proposed Update for Traffic Signal Control (ATMS03 - Manchester)



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- Draft ITS Architecture Amendment #1 was released for public comment on January 20, 2020, and the 30-day comment period runs through February 20, 2019.
- **Two comments have been received, both in support of the proposed Amendment.**
- Amendment #1 is posted on the front page of the SNHPC website under “News and Notices.”
- **The SNHPC MPO will hold a public hearing to consider adoption of ITS Architecture Amendment #1 on February 25, 2020.**



Questions?

