

# SNHPC Intelligent Transportation System (ITS) Architecture Amendment #1

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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



438 Dubuque Street, Manchester, NH 03102  
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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.



# **SNHPC Intelligent Transportation Systems (ITS) Architecture Amendment #1**

- **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

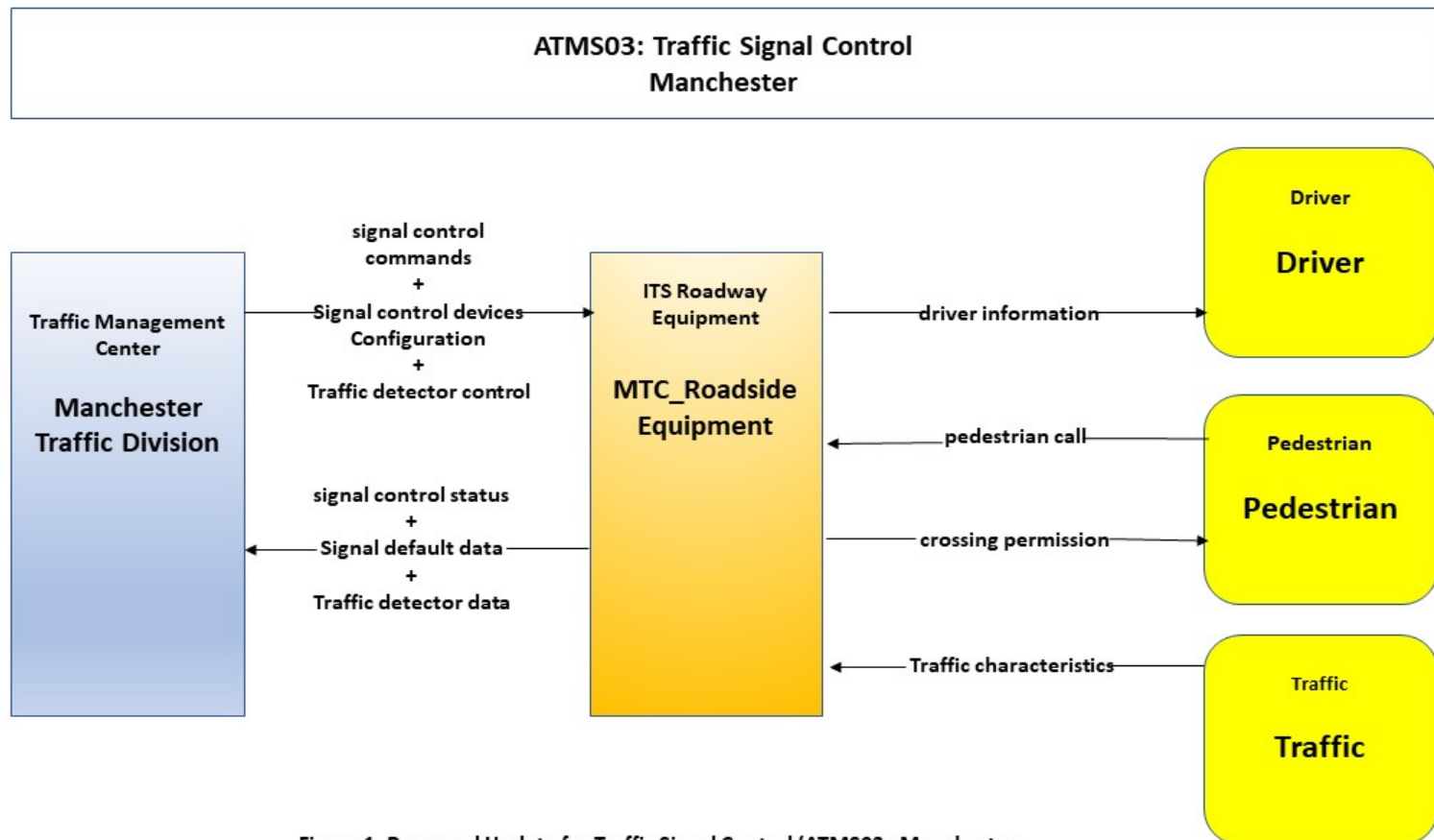


Figure 1. Proposed Update for Traffic Signal Control (ATMS03 - Manchester)



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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?

