



# MEMORANDUM

---

DATE: March 19, 2009

TO: Transportation Commission

FROM: Mark Poch, Traffic Engineering Manager  
Transportation Department  
425.452.6137, mpoch@bellevuewa.gov

SUBJECT: Intelligent Transportation Systems (ITS) Program

## **Purpose**

To update Transportation Commission members on the Transportation Department's Intelligent Transportation Systems (ITS) program.

## **Background**

Intelligent Transportation Systems refers to the application of advanced technology to transportation projects. ITS projects are most commonly employed in the area of traffic operations, and Bellevue has been using various ITS technologies in the traffic signals area since the late 1970's. In 2004, the city completed its first ITS Master Plan. This plan not only inventoried existing ITS technologies employed by the city, but also provided a framework for future ITS improvements, including the identification of our highest priority ITS projects.

In 2008, the city embarked on the Bellevue Mobility Initiative (BMI) to address the mobility challenges associated with Bellevue's growth, especially in the Bellevue Downtown. A key strategy of the BMI was to improve Downtown signal operations, and provide Transit Signal Priority for the new Bellevue-Redmond Rapid Ride project. As a result of the BMI and as identified in the ITS Master Plan, Transportation is now actively working on replacing the city's obsolete signal and communication systems to meet these needs.

At your March 26<sup>th</sup> meeting, we look forward to presenting you information regarding the ITS projects we are actively working on, including the Traffic Computer System Upgrade. In addition, we will present an overview of possible future ITS projects (final project selection still to be determined) that are planned to follow the completion of the Traffic Computer System. We also plan to outline the funding strategy and schedule for these ITS projects, as well as the status of the current work on the Traffic Computer System Upgrade.