



ITS Plan Implementation Project



PROJECT DESCRIPTION

SDOT continues to build the City's Intelligent Transportation System (ITS) to meet growing safety and mobility needs by using of traffic technology in the City Center area. The ITS elements help manage traffic concerns such as congestion, incidents, special events and harsh weather affecting the movement of freight, services, and goods critical to jobs and businesses in the community. Building upon the work previously accomplished by other ITS projects, improvements will include:

- Adding portable Dynamic Messaging Signs throughout the City as necessary to notify drivers when major detours or construction activities are causing delays
- Installing Radio Traffic Advisory messages
- Installing additional traffic cameras to monitor train, truck and general traffic conditions
- Developing a web-based, real-time arterial traffic flow map
- Adding redundancies to our traffic management system, including a Satellite Transportation Management Center
- Adding traffic detection equipment to improve signal operations to react to real-time conditions

SCHEDULE

2008 - Design

Early 2009 – Construction Starts

Late 2009 – Construction Complete

Early 2010 – Fully Operational

(Schedule elements in italics are projected)

WHY IT IS IMPORTANT

When complete, these state-of-the-art technologies will:

- manage traffic signals to react to real-time conditions,
- decrease delays due to bridge operations,
- increase truck driver awareness by providing real-time information so they can make better route decisions,
- help prepare SDOT for emergency response, and
- help keep traffic moving during the Alaskan Way Viaduct and Seawall replacement.

FREIGHT COMMUNITY PERSPECTIVE AND THEIR EXPECTATIONS

- Supports efficient movement of freight and goods in key corridors
- Enhances freight mobility by increasing their ability to make decisions based on real-time traffic conditions

POINT OF CONTACT

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