

NE Airport Way Intelligent Transportation Systems



Project context and background

Airport way runs parallel to I-84 and serves as an alternate route for commuter and truck traffic. Currently there is limited capacity for a coordinated response between the Oregon Department of Transportation (ODOT) and the City of Portland Bureau of Transportation (PBOT) to handle incidents that impact travel in this corridor when they occur.

The City is proposing to install Intelligent Transportation Systems (ITS) infrastructure along Airport Way from 82nd to Riverside Parkway. The project will install electronic message signs, CCTV cameras, truck signal priority, traffic monitoring

stations, fiber communication, update traffic signal controllers and integrate these devices with the City's, ODOT's, and TriMet's Transportation Operation Centers. This project is part of the larger City and Regional Advanced Traffic Management System (ATMS) and provides the minimum project elements that will yield significant benefits to the corridor. It will also allow PBOT to provide more efficient and safe operation of our traffic signal system.

Project details

- CCTV Installations at Holman, Win Sivers, 122nd, 138th, 148th, 158th, and Riverside
- Traffic Controller Updates at I-205 northbound and southbound ramps, Holman, Win Sivers, 122nd, 138th, 148th, 158th, and Riverside
- Fiber Communications Installation from 82nd to Riverside
- Variable Message Signs - three locations to be identified
- Truck Priority and Count Stations - five locations to be identified
- Detection and Count Stations - 11 locations to be identified
- Travel Time Devices - seven locations to be identified
- Connected Vehicle Devices - 11 locations to be identified



Total Cost Estimate: \$1,400,000

FOR MORE INFORMATION

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