

ATMS Program Status Report

Oregon Department of Transportation – Region 1

(July 1- September 30, 2000)

Trans>Port – Regional

The TransPort 2000 projects were submitted and have received “earmark” Federal ITS funding for FY 2000. The RFP for these projects is currently being developed with this federal ITS funding along with local agency matching funds.

ODOT Infrastructure

Fiber - The fiber and camera installations on I-5 from Carmen Drive south to the Willamette River are under construction. We will also bid a project in October to add cameras on I-205 north of I-84 using fiber previously installed. We are designing the fiber and CCTV project on I-205 south of I-84 to Clackamas to be bid in the spring.

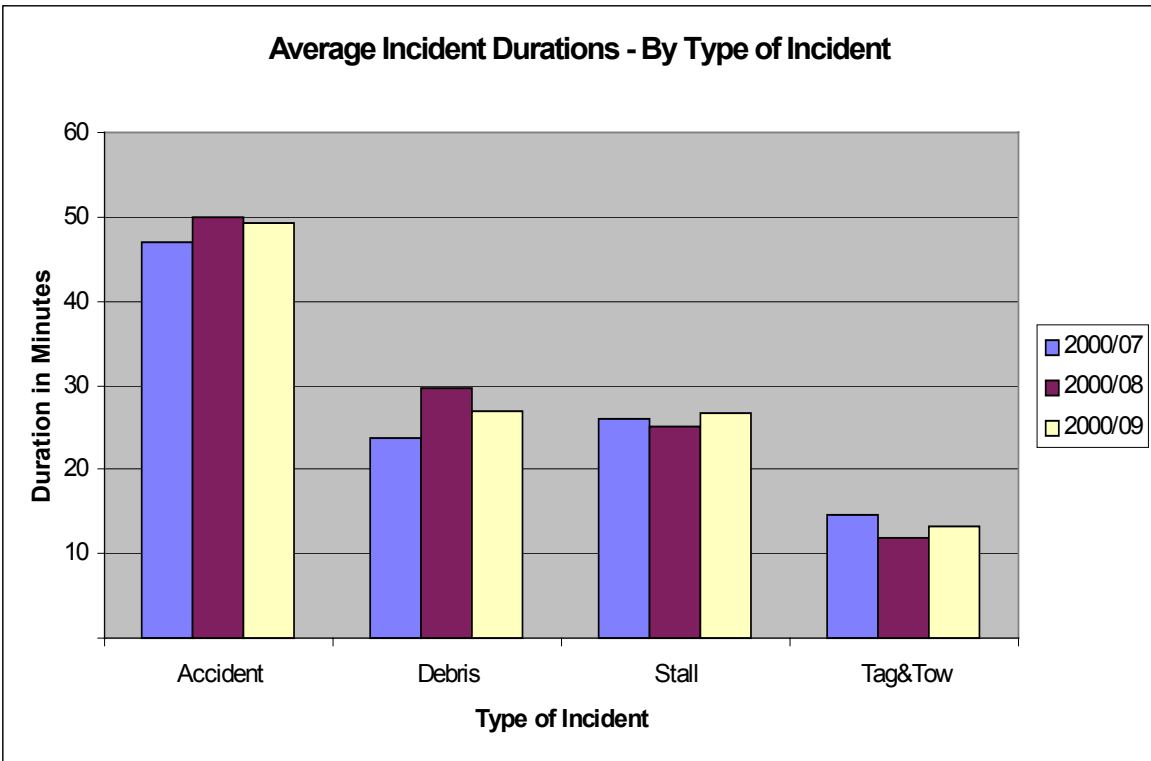
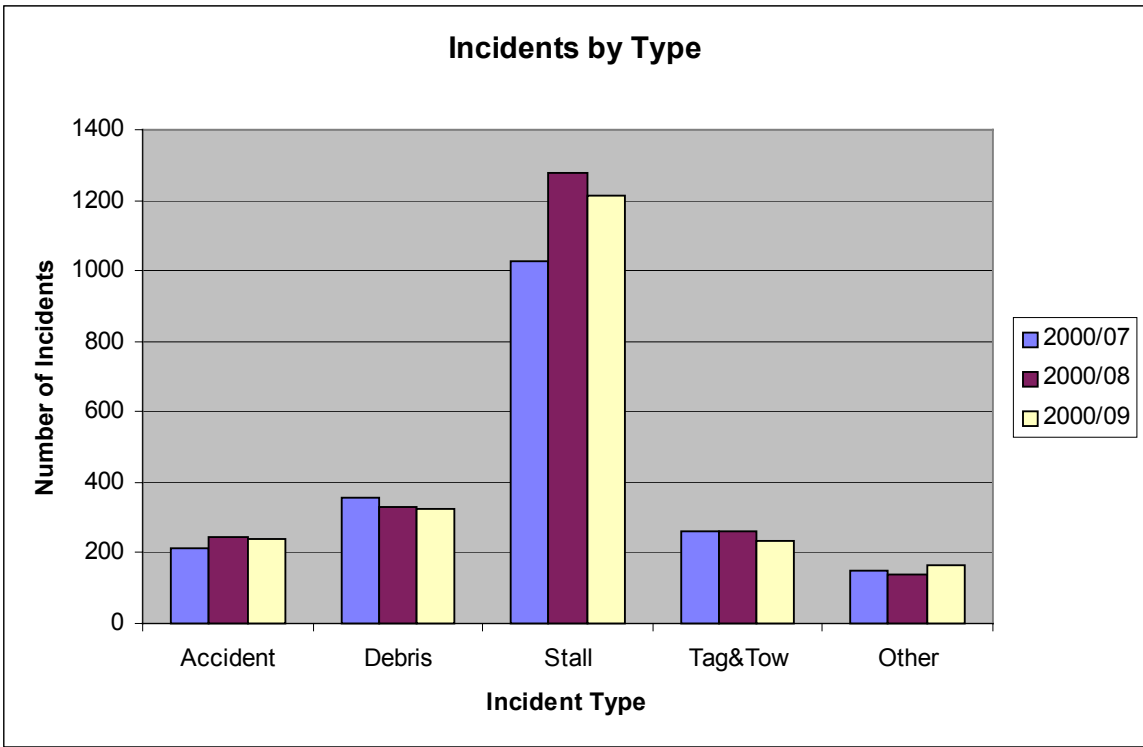
Closed Circuit TV Cameras - ODOT now has 49 cameras using fiber optic cable on the I-5/I-405 loop, I5 South, ORE 217, I-84 at I-205, and I-5 north including the Interstate Bridge. We also have access and control of the City of Portland’s seven cameras. We have agreements with four Portland area TV stations (2,6,8 and 12) to exchange video signal for their cameras, many of which are located and focused on our freeway system with two being attached to helicopters (adds 14 cameras).

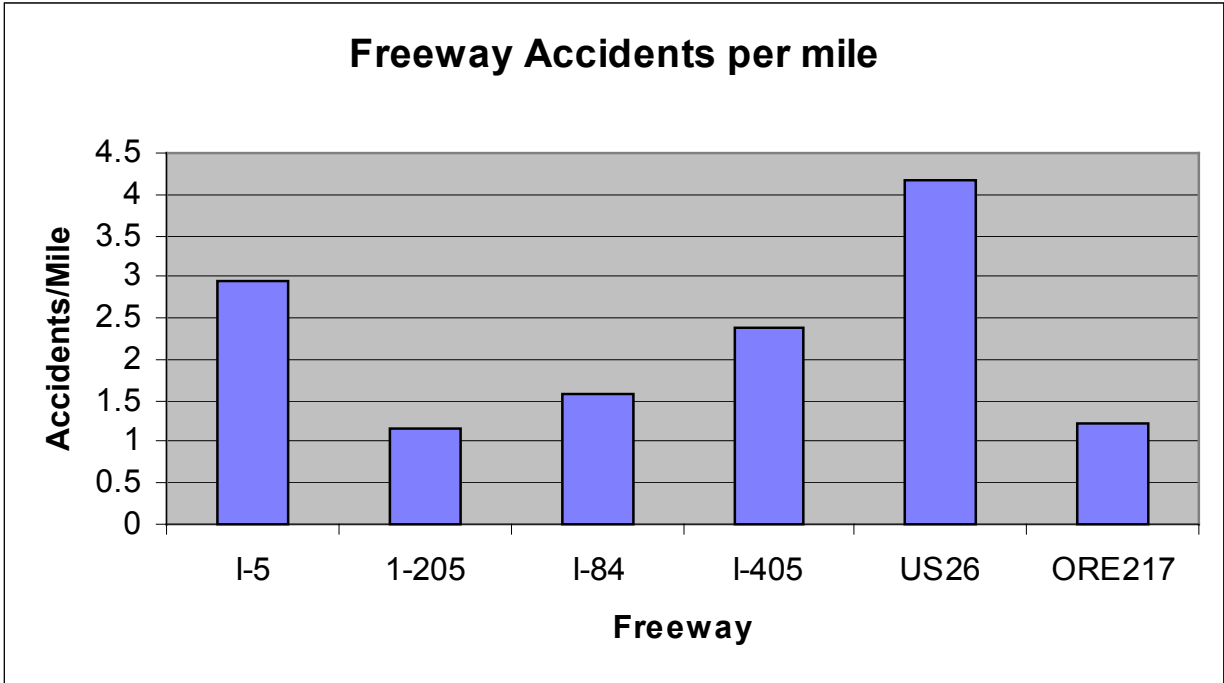
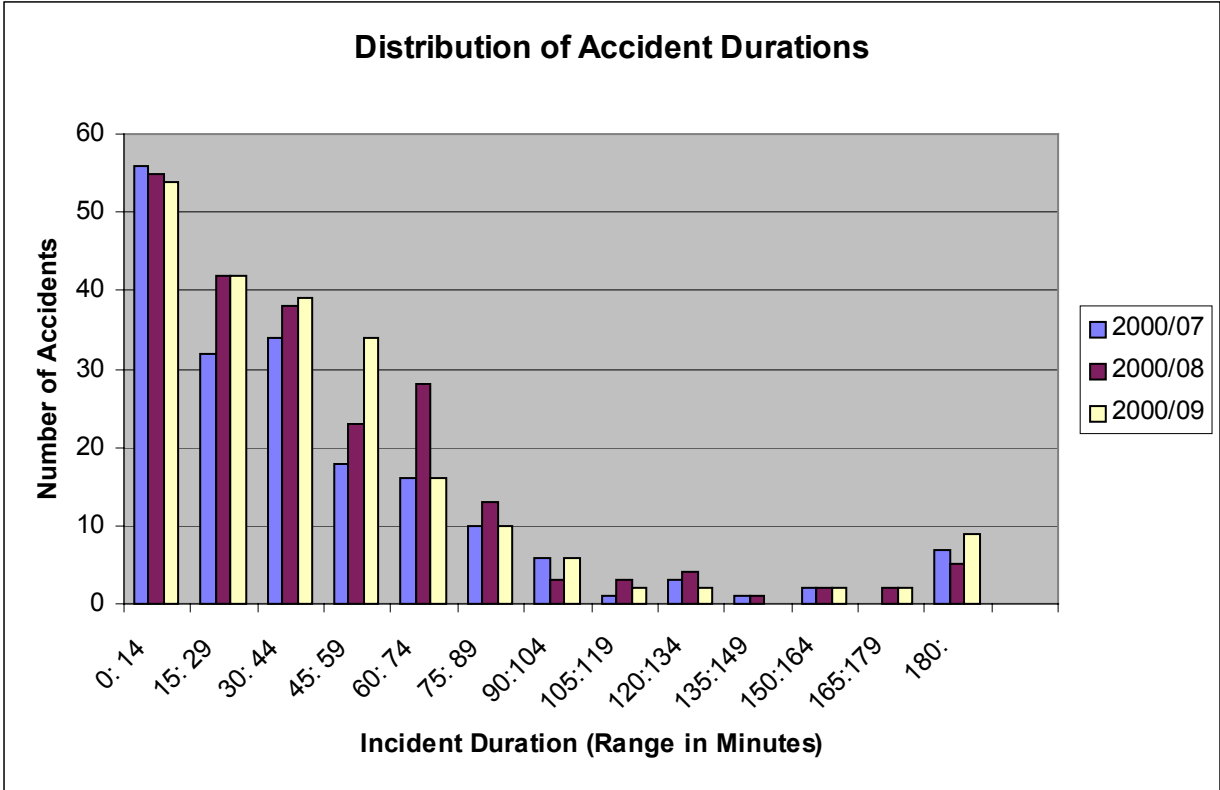
Ramp Meters - The next ramp meter project will be bid in October. We are currently designing the following project for a bid date next spring. There are currently approximately 90 ramp meters in operation in the Metro area.

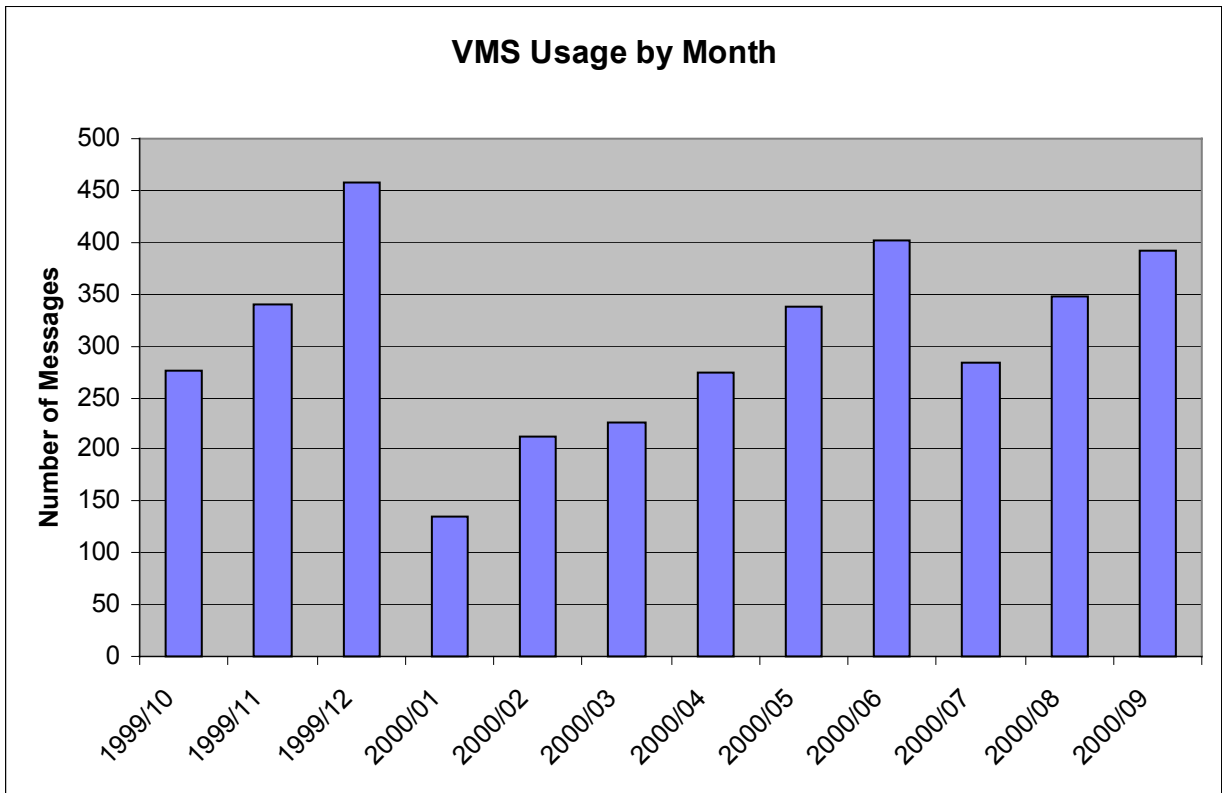
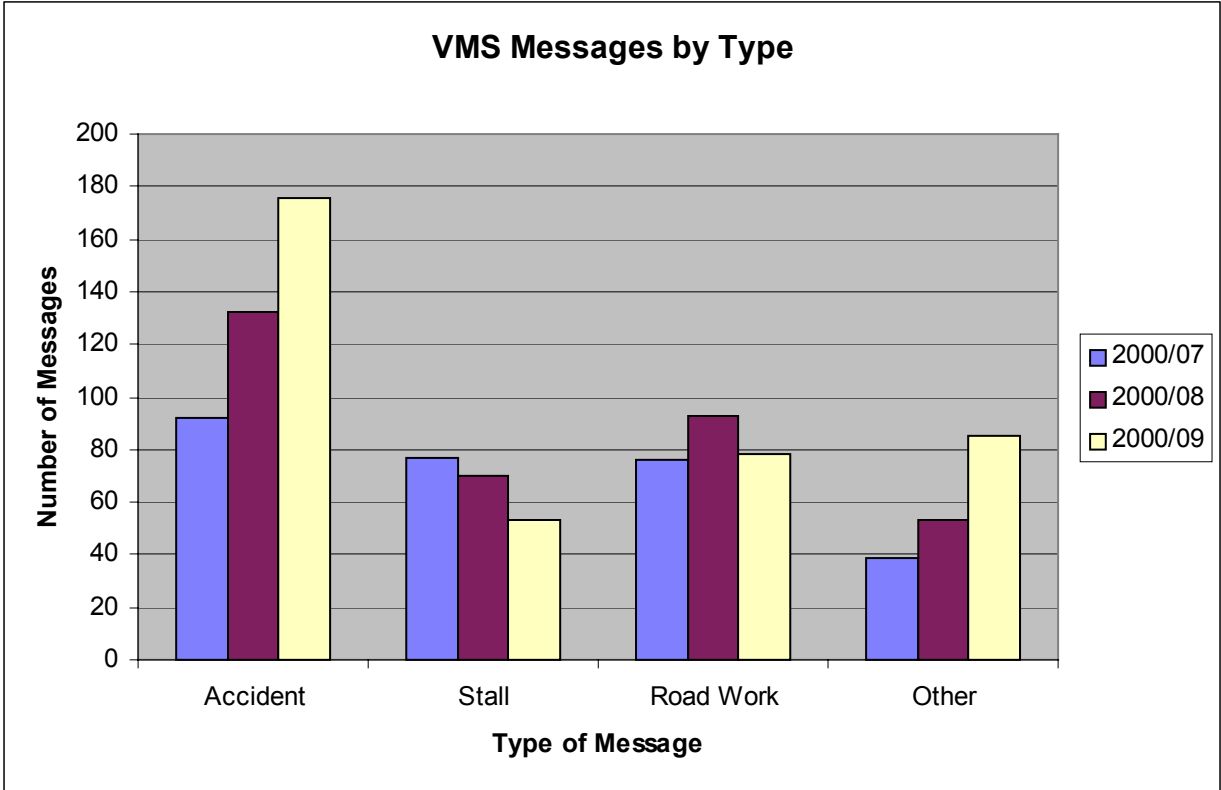
Variable Message Signs – The next two variable message signs will be separated into two projects due to concerns about cantilever sign supports. One will be constructed in FY2000 (I-5 SB @ Iowa) with a different sign support and one with a new cantilever design in FY2001 (I-84 EB @ 43rd). We are also contracting the construction of two variable message signs for the City of Portland to be used on ODOT’s off-ramps to the Rose Quarter. These will be used to direct event goers to shuttle parking lots. There are currently 13 VMS signs in operation.

System Hardware & Software - We have developed the Phase 2 enhancement tasks and have advertised the RFP. Major tasks will include: Integrating SWARM (System Wide Area Ramp Metering); Integrating COMET AVL onto the same ATMS base map; Integrating the paging capability into the ATMS software; User interface improvements as well as others.

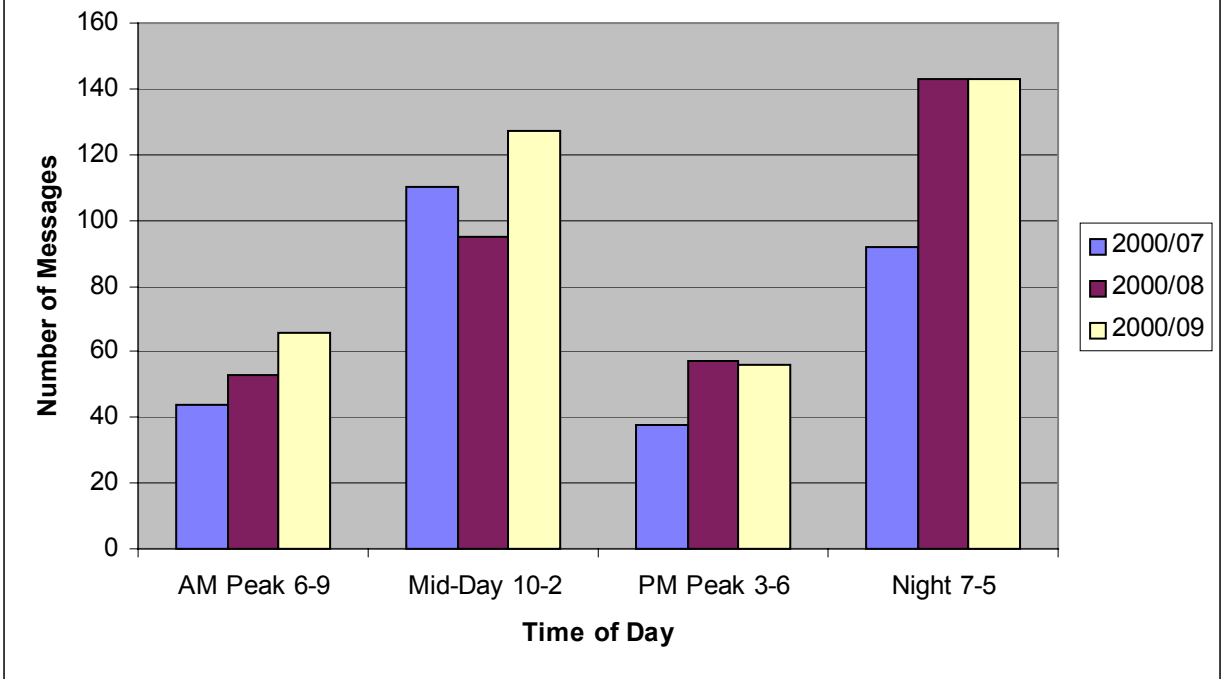
Outreach – We have been conducting tours of the operation center and presenting an overview of the program and demonstrating the system software to numerous groups and individuals including Connecticut DOT and the Oregon Transportation Commission.







VMS Messages - Time of Day Use



VMS Usage By Sign Location

