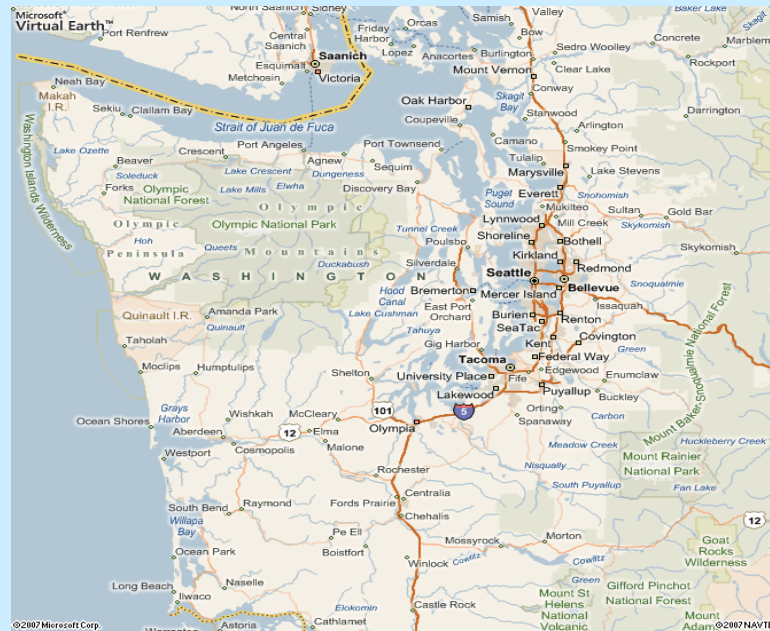
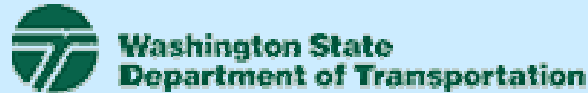


Olympic Region Traffic Management Center

“Olympic Radio”



Six Regions - One DOT

- **We work in close partnership with other TMCs**
 - **6 WSDOT Regions**
 - **6 Regional Traffic Management Centers**
 - **Tacoma**
 - **Seattle**
 - **Vancouver**
 - **Yakima**
 - **Spokane**
 - **Wenatchee * Radio Room Limited TMC functions**
- **Cross Regional Boundaries Support**
 - **Information Sharing (improved “Center to Center” Communications)**
 - **Incident Response Crew Dispatching**
 - **Advanced Notification and coordination of pre-planned maintenance / constructions events**
- **Emphasis on providing “Customer Service”**
- **Importance of Timely and Accurate Information Reporting**

Olympic Region



Olympic Radio 24/7

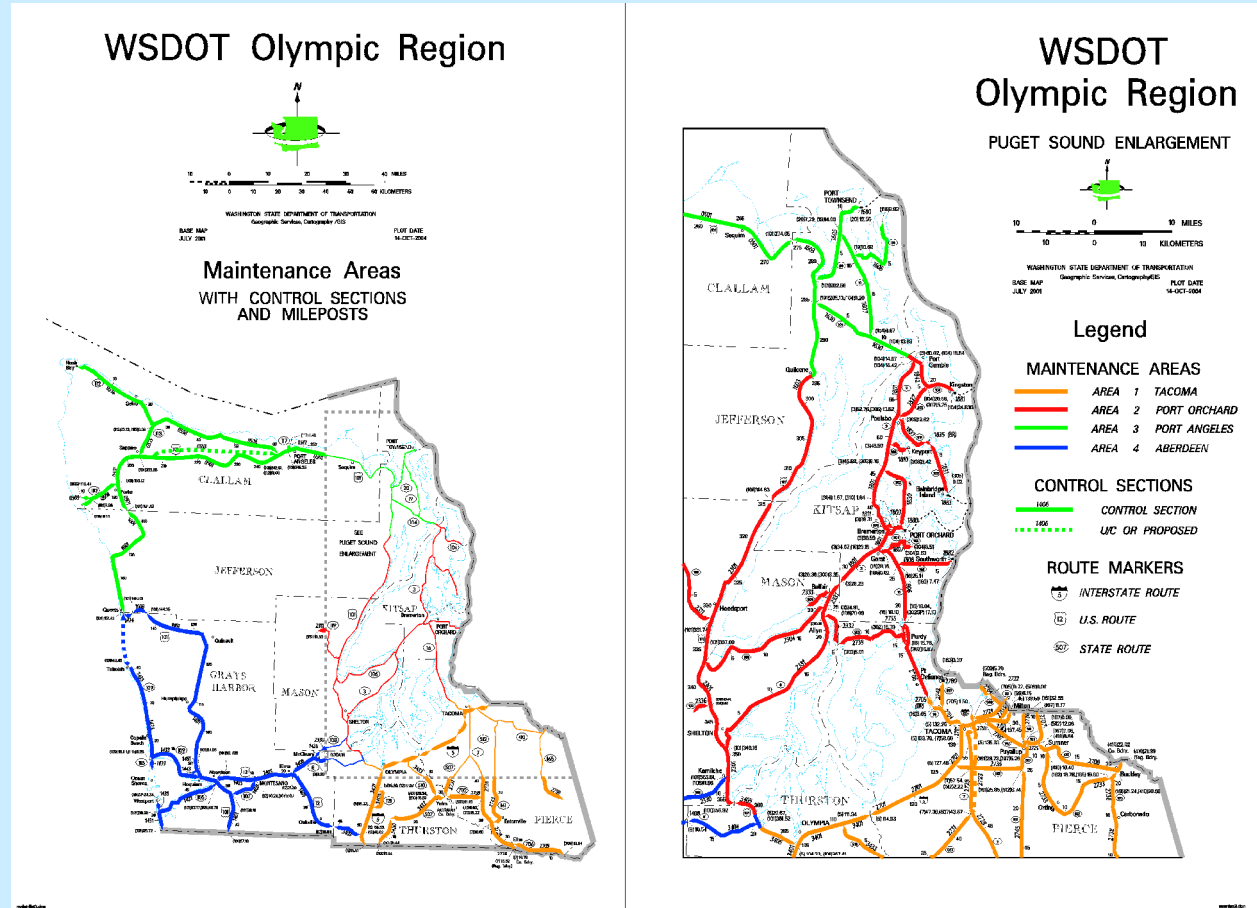


- 1 Freeway Operations Engineer
- 1 TMC Supervisor
- 2 Shift Supervisors
- 7 TMC Operators
- 1 Public Information Officer
- 1 Electronics Equipment Technician

Regional Communications

Centralized “Hub” for Olympic Region information

- **Four Maintenance Areas**
 - Tacoma
 - Port Orchard
 - Port Angeles
 - Aberdeen
- **Region wide Crews**
 - Signals
 - Work zone
 - Pavement Marking
 - Signing
 - Incident Response teams
- **Seven Project Engineer Offices**
 - Aberdeen
 - Port Angeles
 - Tacoma
 - Port Orchard
 - Tumwater
 - Lacey
 - Lakewood



Communication Modes: 800 MHz Radio, Cellular, Land Line, Fiber Optic, Internet, 511

Incident Management

- Receive Notification
- Alert Response Crews
- Traveler Information
- Coordinate response actions
- Monitor Situation
- Update information as conditions change



Incident Management Coordination

- Eight “GPS equipped” Incident Response Vehicles
 - Four “Heavy” trucks
 - Equipped for major incident response
 - Diesel “back pumping” capable
 - 24 hour 7 day a week response
 - Three “Lite” roving response trucks
 - Continuously roving during normal commute hours
 - Equipped for motorist assistance
 - Gasoline – Tire repair – Disabled Vehicle clearing
 - One Incident Response Command vehicle
- Provides traffic control, safeguard the scene and direct coordination with the WSP / Fire / EMS



Maintenance Communications

- Receive reports of maintenance related issues
- Communicate reports to appropriate maintenance crews / management
- Alert appropriate partnership agencies
- Traveler Information
- Monitor / update situation
- Provide a “*Safety*” oversight of field maintenance workers



Traffic Management

- TMC operators use a variety of Intelligent Transportation System (ITS) devices and reports to keep abreast of what drivers are doing, what our field staff members are doing, and how the entire freeway system is functioning.
 - CCTV (41 *existing plus new ones being added*) – (*Public and Partnership image sharing*)
 - Flow Map
 - Incident Reports
 - GPS Tracking / Dispatching of Incident Response Crews
- The traffic and incident information we collect, is then passed on to motorists, response agencies, WSDOT maintenance crews and the media.
 - Variable Message Signs (*15 existing plus 2 new being added*)
 - Highway Advisory Radios (*17 existing*)
 - Ramp Metering (*14 in place for future use*)
 - Internet Web Pages (*public access*)
 - Public News Media
 - 511

By keeping motorist, travelers and maintenance crews informed, the Olympic Region TMC increases the efficiency, productivity and safety of the Olympic Region's roadway systems' customers and supporting infrastructure.

Closed Circuit T.V.

Remote-controlled full pan / tilt and zoom color cameras, are installed at strategic locations along major highways from Olympia to Tacoma, as well as in Gig Harbor and Sumner. Operators use the cameras to monitor traffic flow and confirm or locate incidents. The TMC network includes approximately 41 cameras with new ones constantly being added. Although we are able to record video from any camera, we do not regularly record the camera feeds for archiving. We do not have tapes of past accidents or other events.



Highway Advisory Radio Transmitters and Signs

- TMC and Olympic Radio personnel broadcast highway advisory messages currently using 17 low-powered AM transmitters scattered throughout the Olympic Peninsula and the Tacoma/Olympia area. These transmitters inform motorists about major collisions, significant road closures or other relevant information.



Variable Message Signs

- As their name suggests, Variable Message Signs (VMS) are electronic signs featuring changeable messages. These signs are positioned along major highways and may be located on the shoulder of the road or on sign bridges spanning the freeway. TMC staff members typically use VMS to inform motorists of blocking accidents, unexpected driving conditions, maintenance or construction closures, and other significant incidents.



Ramp Meters

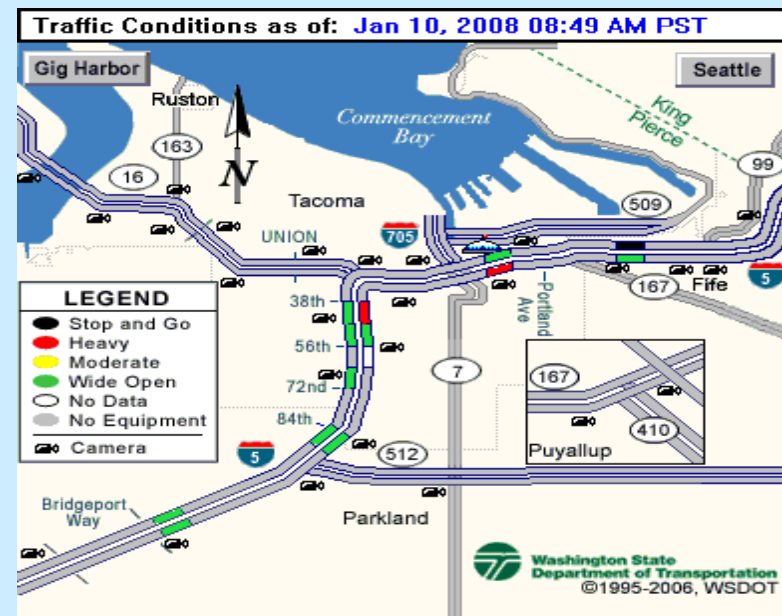
- Ramp meters are traffic signals placed on freeway on-ramps. By controlling the rate at which cars enter the freeway, meters decrease merging conflicts, reduce accident rates and improve freeway speeds and throughput. TMC operators have the ability to activate/control 14 ramp meters during peak commute hours on SR 16 between I-5 and Gig Harbor.



Internet Web Pages

- TMC staff members input information on current traffic conditions, incidents and future construction projects into publicly accessible web pages. This information provides motorists with the ability to plan their commute with nearly "Real-Time" roadway and traffic information.
- **511 Traveler Information System**
 - TMC staff members input data into this system and provide traffic and weather information to callers who simply dial 5-1-1 from most phones. Updated every few minutes, 511 allows callers to get a variety of information:

- Puget Sound traffic conditions
- Statewide construction impacts
- Incident information
- Mountain pass conditions
- State ferry system information
- 800 numbers for passenger rail and airlines
- Weather
- <http://www.wsdot.wa.gov/traffic/>



Partnerships

The Olympic Region TMC has both formal and informal partnership agreements with multiple State, County, and local jurisdictional agencies, including but not limited to the following:

- **Washington State Patrol** (*District 1 Tacoma – District 8 Bremerton*)
- **Pierce County**
 - Signs and Signals
 - Road Division
- **Pierce County Transit Authority**
- **Thurston County Roads**
- **Thurston County Regional Planning Council**
- **Tacoma Fire Department**
- **Washington State Emergency Management Division**
- **Fort Lewis and McChord**
- **Local Access Television** (*TV-12 Tacoma*)
 - *Formal*
 - *Informal*