

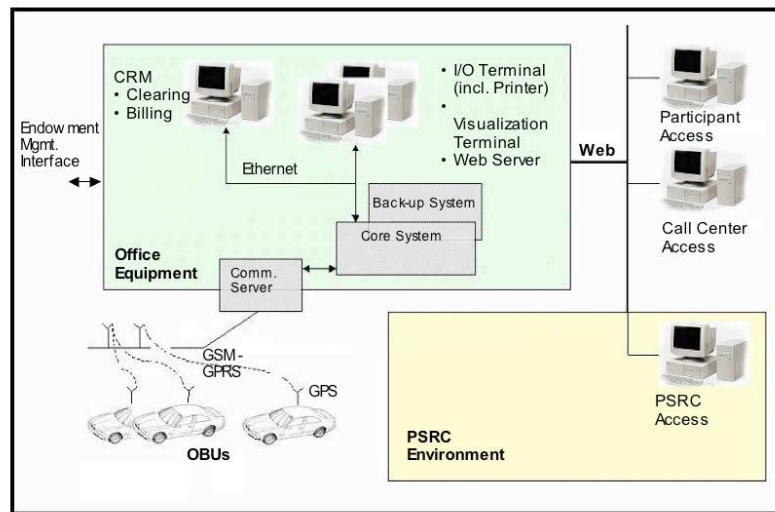


Key Attributes of the Project

- Pilot program to study effects of system-wide congestion pricing on traveling public within controlled research environment
- Groundwork for one future finance option for investments in Puget Sound's roadway network
- Use of Existing Off-the-shelf Technology
- GPS-based tracking of vehicles
- GPRS/GSM communications between vehicle and central office
- "Hold-Harmless" Billing using Participant Endowment Accounts

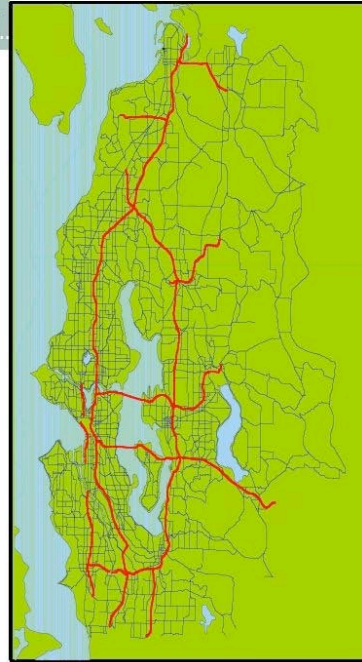


Overview of Main System Components



Toll Area Map

- **Coverage Area**
 - Cascade foothills to Puget Sound
 - Everett to Sea-Tac Airport
- **Freeways & most major arterials**
 - ~ 6,600 links



Toll Schedule

Time of Day	Toll Rates per Mile*			
	Monday thru Friday		Saturday & Sunday	
	Freeways & Highways	Streets & Arterials	Freeways & Highways	Streets & Arterials
Midnight	No Charge		No Charge	
1:00 AM				
2:00 AM				
3:00 AM				
4:00 AM				
5:00 AM	\$0.40		\$0.10	
6:00 AM				
7:00 AM				
8:00 AM				
9:00 AM				
10:00 AM	\$0.15		\$0.20	
11:00 AM				
Noon				
1:00 PM				
2:00 PM				
3:00 PM	\$0.50		\$0.25	
4:00 PM				
5:00 PM				
6:00 PM				
7:00 PM				
8:00 PM	\$0.10		\$0.05	
9:00 PM				
10:00 PM				
11:00 PM				
11:00 PM				
11:00 PM	No Charge		No Charge	

*Downtown Seattle zone is toll-free



Vehicle Trips

PSRC
Puget Sound Regional Council
Traffic Choices Project

litchens | Fri Feb 18, 2005 | 12:27:07 PM

Participant's View

Select a participant and vehicle to get their bookings, lookup invoices and search locationstamps.

Participant:

Vehicle:

From:

To:

31 result(s) found!

Trip ID	From - To	Total [miles]	Tolled [miles]	Zero Tolled [miles]	Non Tolled [miles]	Links	Locationstamps
1371763291/59355/44	Tue Feb 1, 2005 - 06:45:19 - Tue Feb 1, 2005 - 06:52:24	2.56	0.00	0.00	2.56		Show Locationstamps
1371763978/59356/44	Tue Feb 1, 2005 - 06:56:41 - Tue Feb 1, 2005 - 07:20:04	11.45	0.00	0.00	11.45	Show Links	Show Locationstamps
1371769985/59624/44	Tue Feb 1, 2005 - 08:39:21 - Tue Feb 1, 2005 - 09:10:38	12.33	1.21	0.00	11.12	Show Links	Show Locationstamps
1371796689/60314/44	Tue Feb 1, 2005 - 16:01:52 - Tue Feb 1, 2005 - 16:22:32	10.13	7.52	0.00	2.61	Show Links	Show Locationstamps
	Wed Feb 2, 2005 - 07:25:24 -					Show	Show



Outlook

- Project will show feasibility of GPS-based solution for tolling applications in US
- Successful operational results may influence long-term planning and policy making in the Seattle region
- Important policy questions such as privacy and equity will be better understood
- Large-scale deployment of a GPS-based tolling solution depends on a viable business model and public acceptance of underlying concepts
- Other possible applications are fleet management, commercial vehicle operations, and integration with traveler information systems