

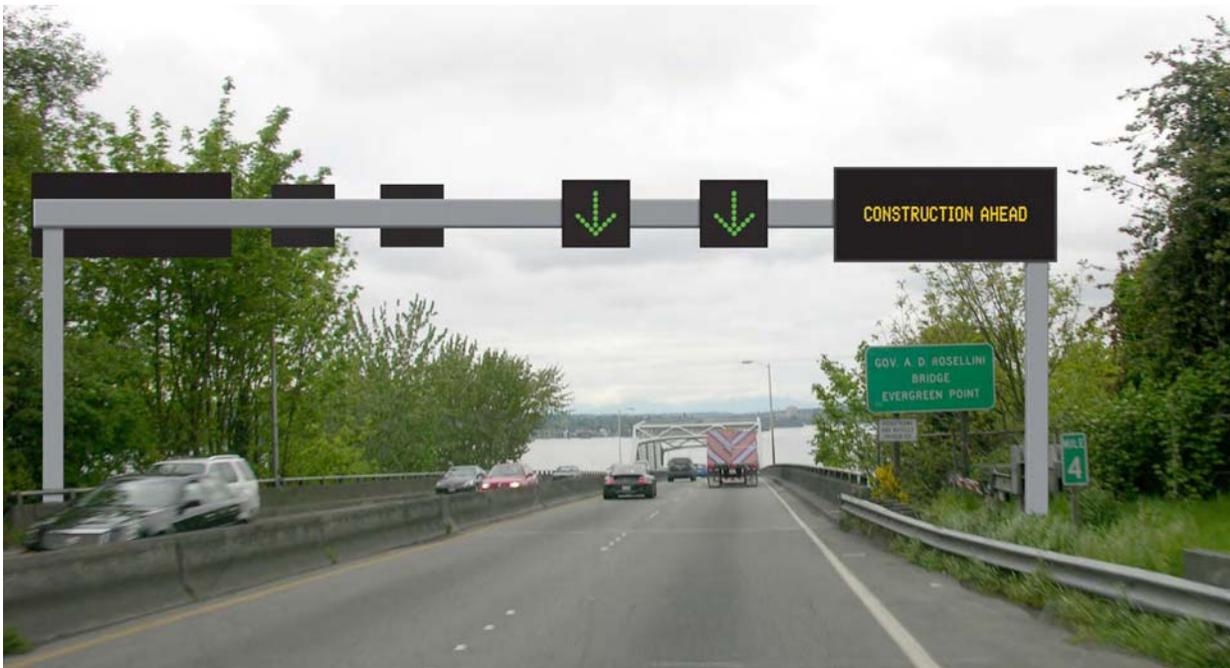
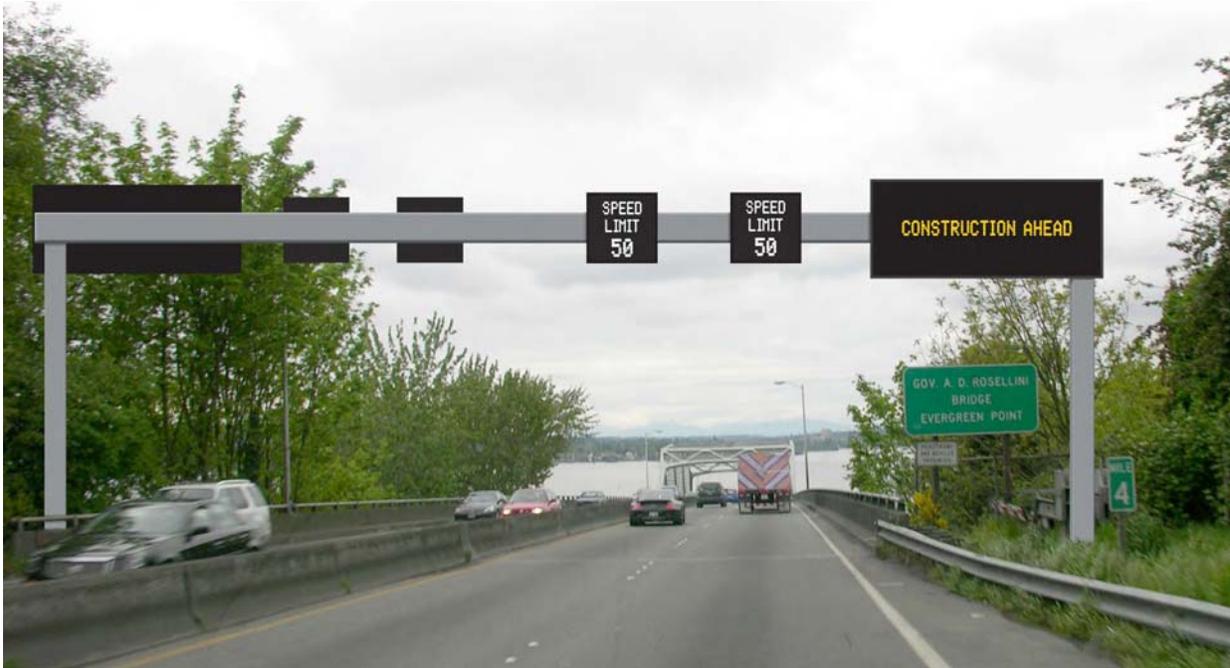
Smarter Highways: Active Traffic Management



Smarter Highways: Active Traffic Management

Visualization of ATM sign bridge on SR 520

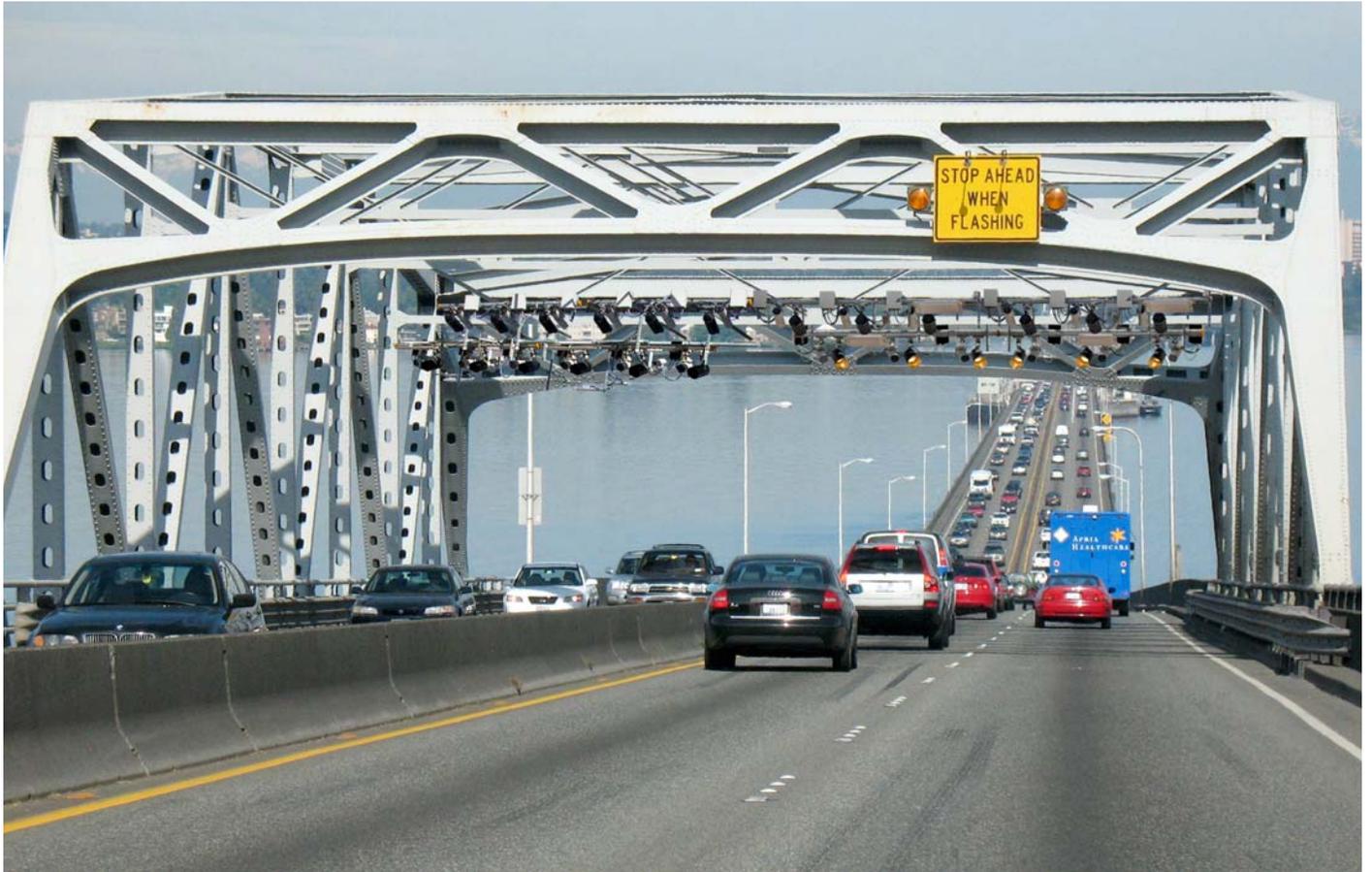
This example shows a smarter highways electronic sign displaying variable speed limit, lane status and real-time traffic information.





Lake Washington Congestion Management Projects

Variable tolling on the SR 520 bridge



Electronic variable tolling equipment would be mounted on the existing eastern high-rise truss structure (as shown in this illustration).



Lake Washington Congestion Management Projects

SR 520 variable tolling

The purpose of implementing tolling on SR 520 is to raise funding for transportation improvements and reduce congestion between I-5 and I-405.

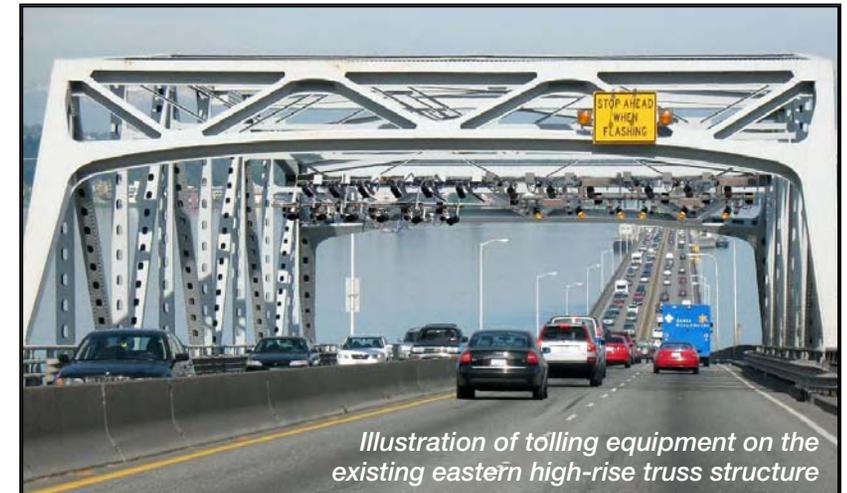


What is being proposed?

- All lanes on the existing highway would be tolled in both directions.
- All electronic tolling—no toll booths.
- Variable toll—lower price during non-peak periods.
- Single tolling location on the bridge's eastern high-rise.
- Revenue to be invested in SR 520 corridor (i.e. bridge replacement).

Why is tolling needed now?

- SR 520 is a key regional corridor and a major traffic bottleneck.
- Tolls will help raise funding for needed transportation improvements.
- Tolling could help manage congestion.



Lake Washington Congestion Management Projects

What if I don't have a *Good To Go!* transponder?

- Cameras mounted on the bridge would photograph license plates of vehicles without *Good To Go!* transponders.
- Signs in the SR 520 corridor would instruct drivers how to easily pay tolls without a transponder.
- Drivers could pre-pay or post-pay (online or by phone), or receive a bill in the mail for the toll.



WSDOT has not determined what type of camera system would be used for tolling on the SR 520 bridge. It could look similar to these cameras currently in use on the Tacoma Narrows Bridge. Unlike the Narrows Bridge cameras, which are used exclusively for tolling enforcement, the SR 520 bridge cameras would be used to identify vehicles without transponders so that a toll bill can be sent to the owner.



In Texas where photographic toll billing is in operation, this sign informs drivers that they don't need a transponder to use the tollway.