

WSDOT Roadway Toll Systems Pre-Proposal Meeting

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I-405 Project

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SR 99 Project

November 29, 2011

Agenda

- **Welcome and Introductions** – Craig Stone
- **Procurement Guidelines** – Mark Barkley
- **Project Description** – Jennifer Charlebois
- **I-405 and SR 99 Projects** – Lisa Hodgson and Todd Merkens
- **Upcoming Dates** – Jennifer Charlebois
- **Questions and Answers** – All

Procurement Guidelines

- **Role of the RFP Coordinator**
- **PASS/FAIL SCREENING:** Upon receipt, WSDOT will screen Proposals for a number of pass/fail conditions including, but not limited to:
 - Receipt by the due date and time
 - Completion of the proposal submittal checklist
 - Subcontractor prequalification
 - Completion of the compliance matrix
 - Inclusion of Proposal Bonds
- **Statewide Vendor Status** (<http://www.ofm.wa.gov/isd/vendorinfo.asp>)
- **Proprietary or Confidential Information**

Project Description

- The Project comprises the design, installation, integration, testing, operation, and maintenance of two Systems.
- The Project may also include additional Systems:
 - SR520 Replacement Bridge
 - Tacoma Narrows Bridge
 - Two additional systems in Western Washington



Project Components

The goal of the Project is to identify and classify passing vehicles to support revenue collection on the Systems. The plan for the Project consists of the following components:

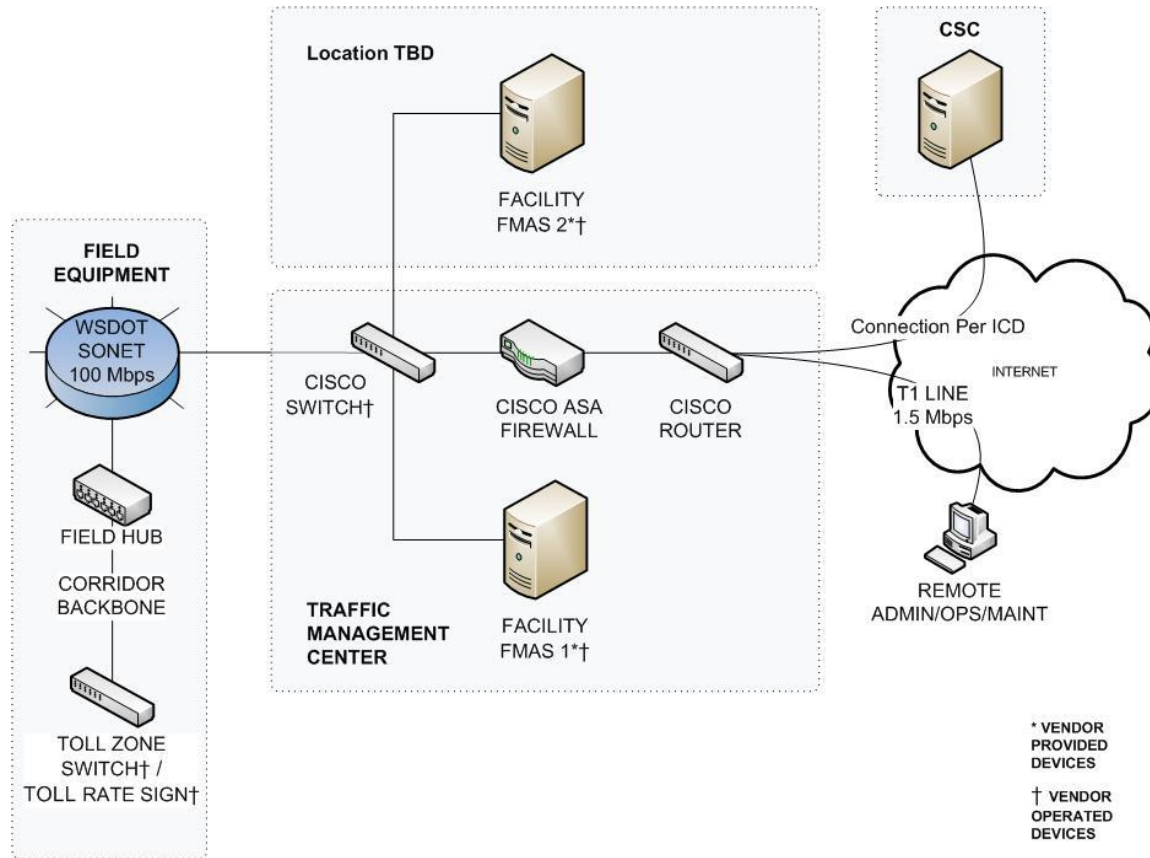
- Design, supply, install, field test, commission, operate, and maintain RTS
- Integration, via an Interface Control Document (ICD), with the WSDOT Customer Service Center to allow data transfer, transaction flow and reconciliation
- Integration, via an ICD, with the WSDOT maintenance software to allow lane health status and work order data transfer
- Integration, via a Vendor-developed Traffic Data ICD, with the WSDOT Traffic Management Center for rates and other messages to post on toll rate signs

Operations and Maintenance

Vendor to provide Operations and Maintenance Services for at least one year and up to ten years, responsible for the following tasks:

- Troubleshooting and repair of Hardware and Software issues and tracking progress in the Maintenance Online Management System (MOMS)
- Sending and receiving maintenance ticket information between MOMS and Signal Inventory Maintenance Management System (SIMMS)
- Updating the software releases, updating the spare parts inventory in MOMS
- Conducting annual Performance Audits, completing Performance Audit Reports
- Completing monthly Maintenance Reports

Conceptual Network Architecture

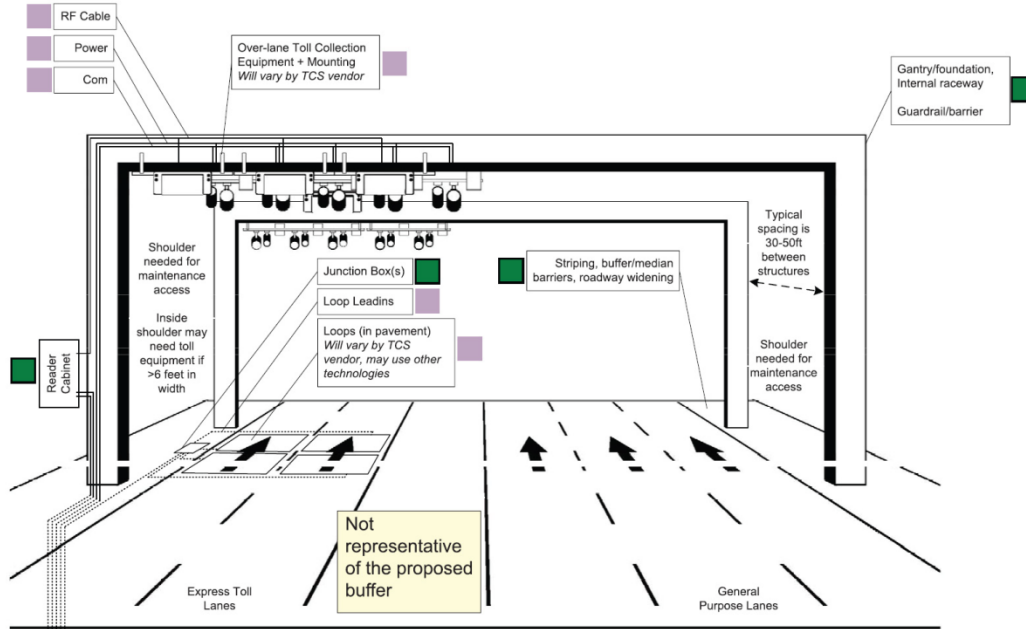


WSDOT Furnished Infrastructure

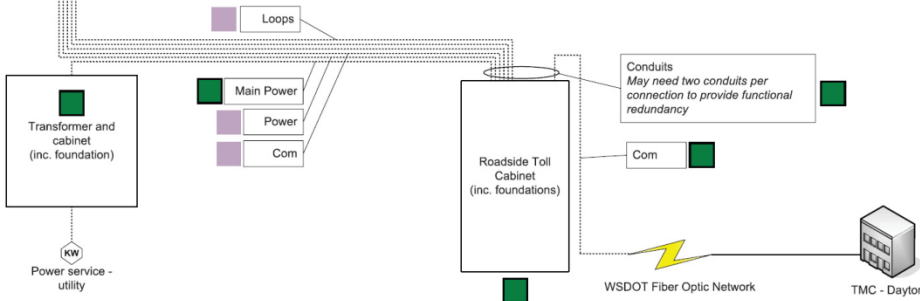
WSDOT will furnish and install the civil infrastructure required for the RTS up to the Demarcation Point at each Toll Zone location.

- Monotube Toll Gantries
- Electrical service and connections
- 332D4 double-wide cabinet pads and cabinets with heater, GCFI, fan, etc.
- Communications Network (from cabinet to the TMC)
- Communications Network for WSDOT and Vendor access (from the TMC to Internet via a dedicated T1 line)
- Communications Network for Data Exchange with CSC Provider (from the FMAS to the CSC Provider via an Ethernet connection)
- Conduit System
- Server Rooms

Demarcation Point

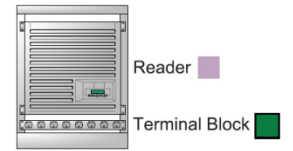


View: Ahead on stationing, some connections simplified for clarity, no connections shown to second gantry

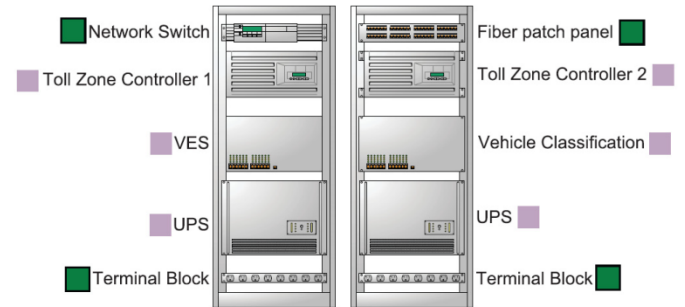


Responsibility:

- Toll Vendor
- Design-builder



Example Reader Cabinet WITHIN 115 FEET CABLE LENGTH OF ANTENNAS



Example Roadside Toll Cabinet, type 334 double-wide
ADJACENT TO TOLLING POINT
- Internal layout and specifics will vary by toll vendor

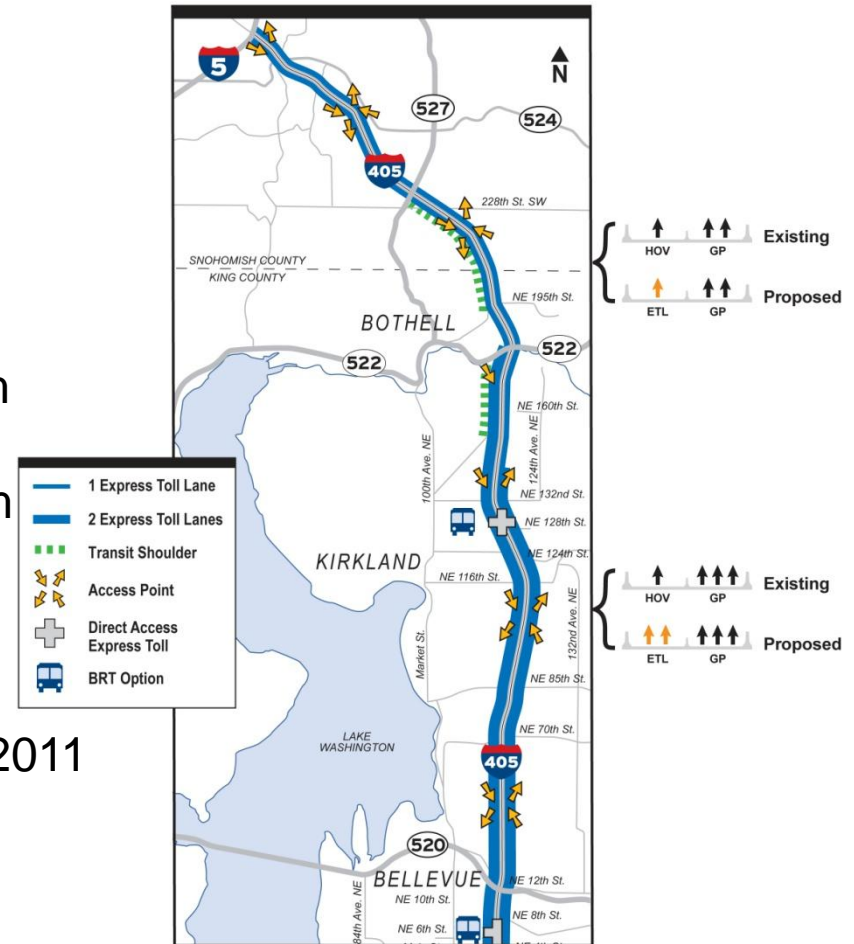
NE 6th Street to I-5 Widening and Express Toll Lanes Project (Bellevue to Lynnwood)

Project Description

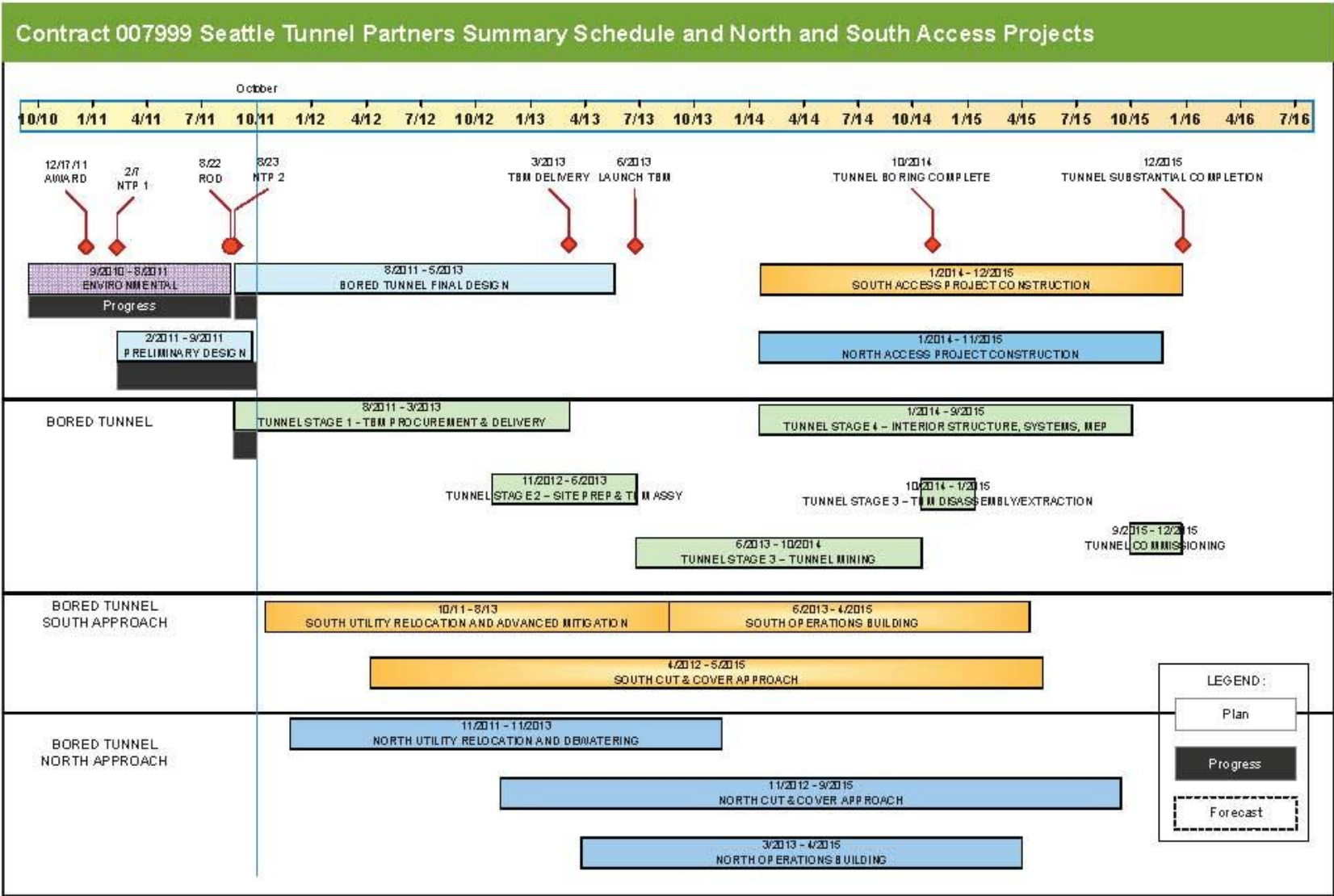
- Adds capacity between Bellevue and SR 522 in Bothell
- Builds nine noise walls
- Constructs northbound braided ramps at NE 160th Street
- Two lane express toll lane system from NE 6th St. in Bellevue to SR 522
- One lane express toll lane system from SR 522 to I-5 in Lynnwood

Schedule:

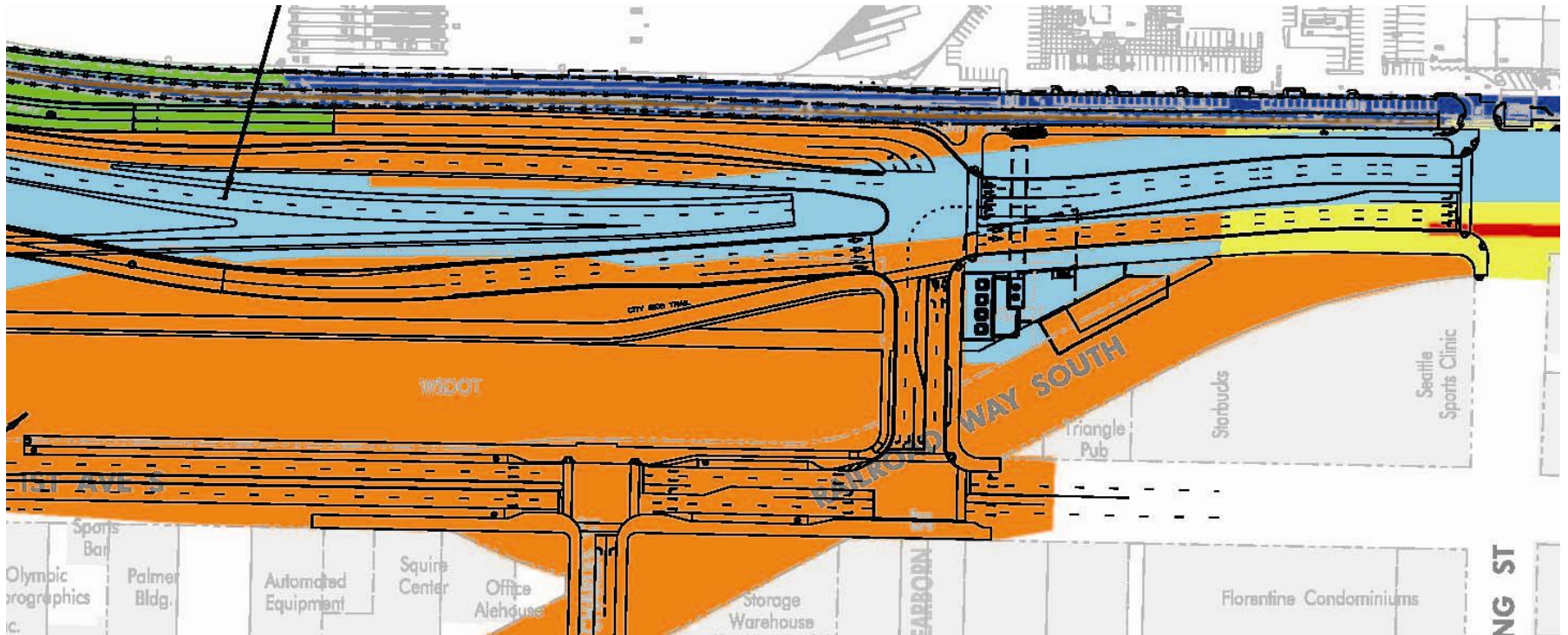
- Environmental analysis complete May 2011
- Construction starts spring 2012



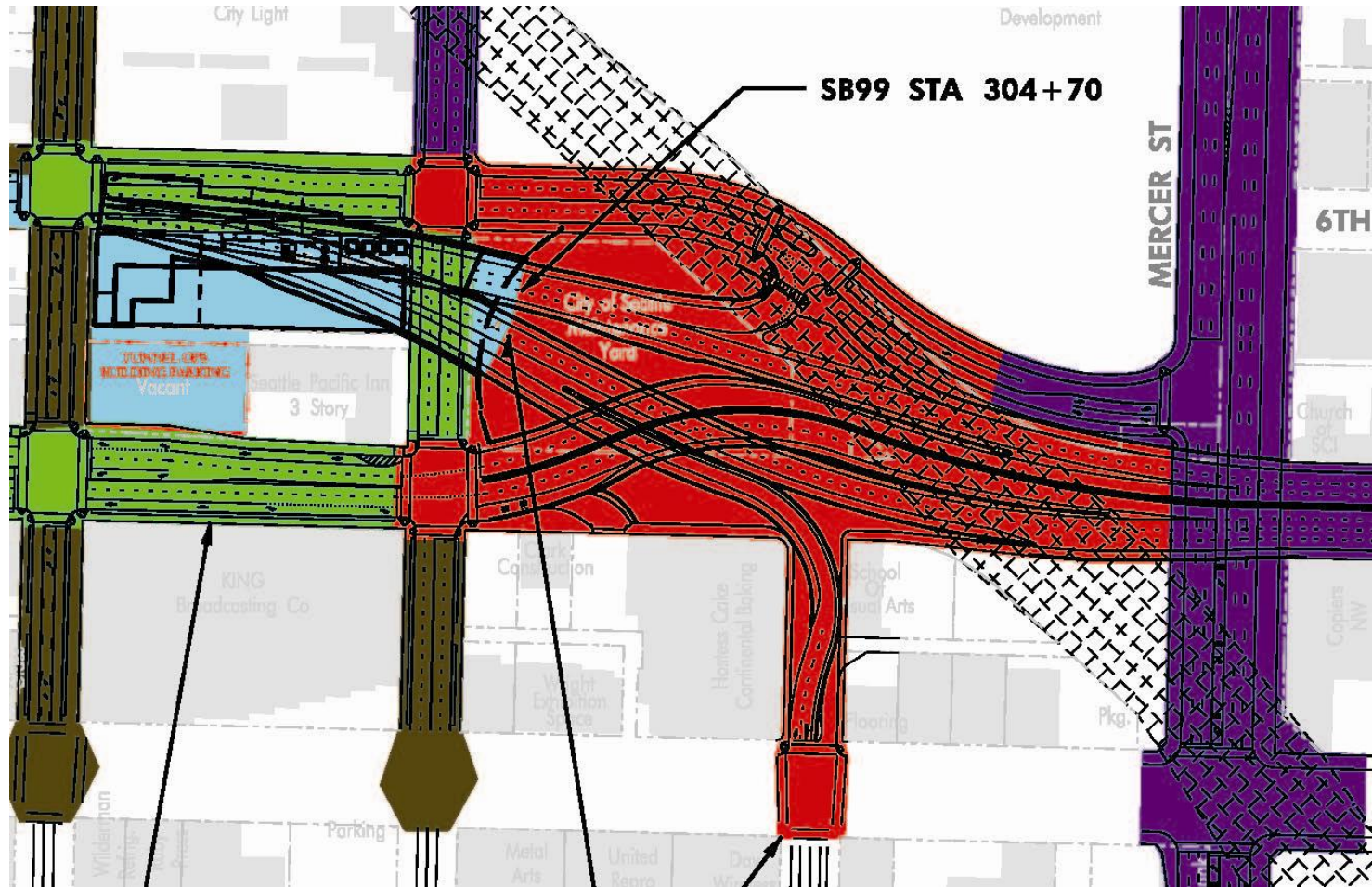
SR 99 Project – High Level Schedule



SR 99 Project – South Portal



SR 99 Project – North Portal



Procurement Schedule

Activity	Due Date	Time*
RTS RFP Released	November 10, 2011	N/A
OCOI Certification & Plan (see Appendix 20)	November 28, 2011	5:00 PM
Pre-Proposal Meeting	November 29, 2011	9:00 AM
Vendor One-on-One Meetings	November 29, 2011	scheduled
Written Questions Due	December 1, 2011	5:00 PM
Answers to Questions Issued	December 8, 2011	N/A
Proposals Due	January 12, 2012	5:00 PM
Interviews	January 31 & February 1, 2012	N/A
Notification of Apparently Successful Vendor Issued	February 10, 2012	N/A
Execute Contract	On or before March 2, 2012	N/A
Issue NTP	On or before March 2, 2012	N/A

Next Steps...

Questions?