

# Columbia River Crossing Update

**Paula J. Hammond, P.E.**  
Secretary

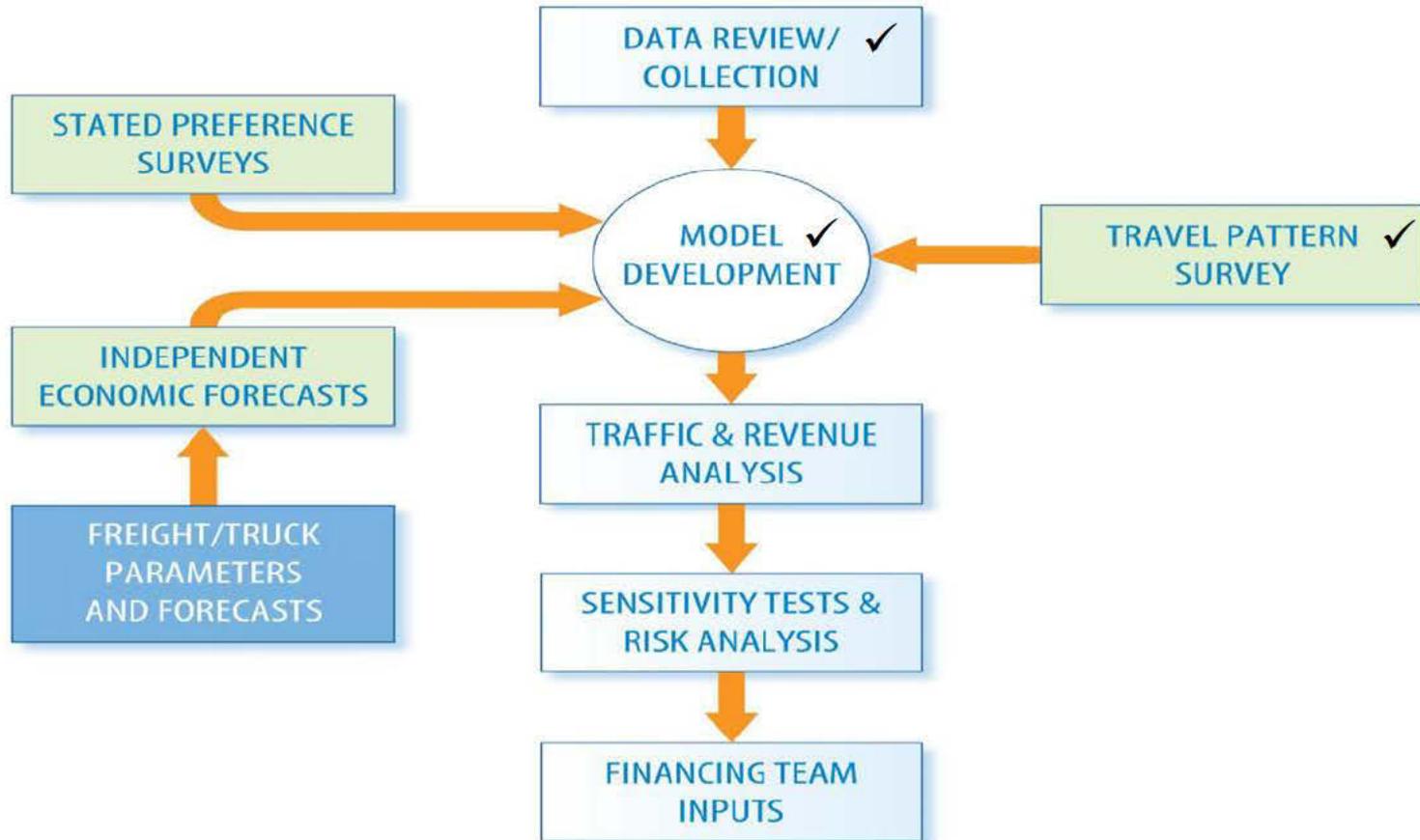
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Chief of Staff

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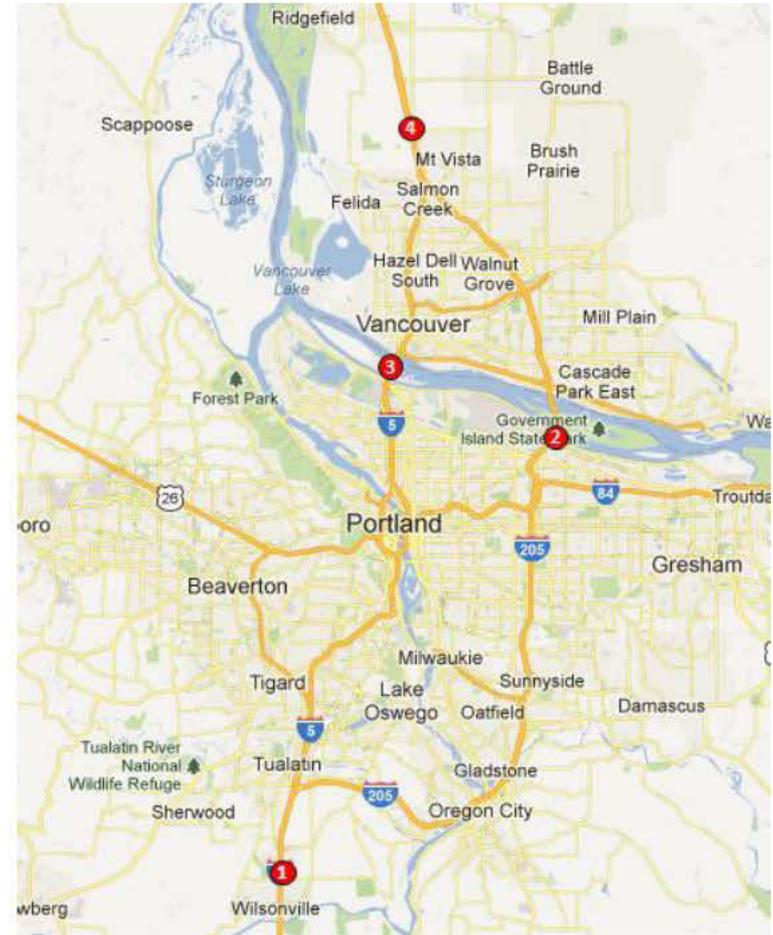
**Washington State Transportation Commission**  
**December 11, 2012**

# Traffic & Revenue Estimation Approach



# Data Review/Collection

- Existing traffic count and classification data obtained for regional highway network
  - Washington and Oregon data collection programs
  - Relevant data collected by CRC project office for EIS process
- I-5 bridge passenger vehicle license plate capture late October for origin destination survey
- I-5 bridge passenger vehicle occupancy collected October/November
- I-5 bridge vehicle classification counts by axle collected October/November
- Commercial vehicle license plate matching for through trips ongoing covering four key regional highway network points



*Commercial Vehicle Through Trip Survey Locations*

# Postcard

## Columbia River Crossing

TRAVEL STUDY

Dear Traveler,

The Columbia River Crossing project will replace the bridge and improve five-miles of Interstate 5 (I-5) between Vancouver and Portland.

As part of this project, a short survey is being conducted to better understand current travel on the bridge. Survey responses will remain anonymous.

To participate, go to the survey website below by  and enter the password. Once you complete the 5-minute survey, you can enter a drawing to win one of ten \$200 Fred Meyer gift cards. Thank you for your participation.

Website:

Password:

For more information:  
[www.ColumbiaRiverCrossing.org](http://www.ColumbiaRiverCrossing.org)



Person Name  
1234 Example St  
Portland, OR 97218

## Columbia River Crossing

TRAVEL STUDY



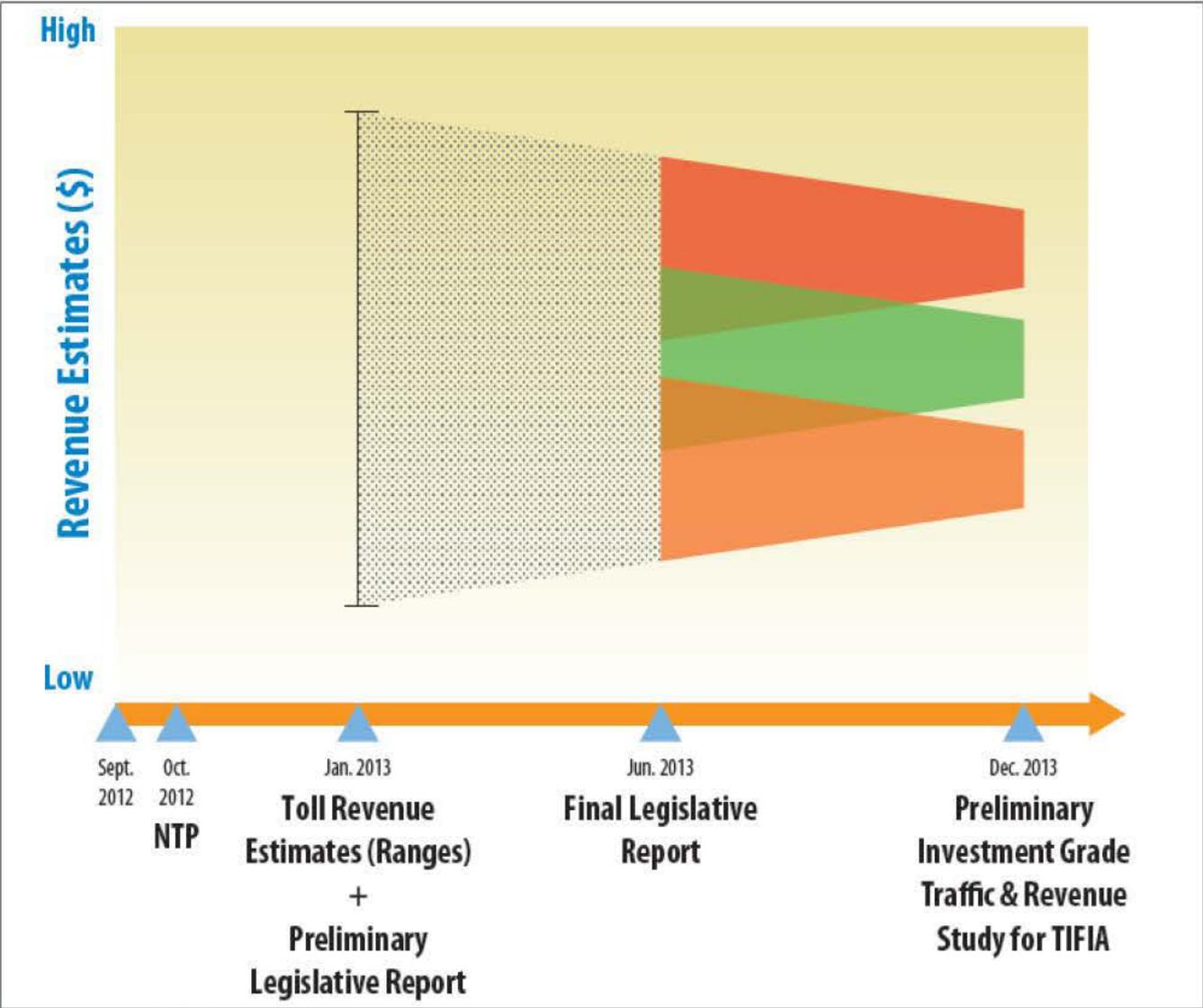
Help improve travel  
on the I-5 Bridge

Take a 5-minute survey for a chance to  
Win a \$200 Fred Meyer gift card

# Modeling Status Update

- Model Data acquisition from local metropolitan planning organization, Metro
  - 2010 and 2035 model databanks
  - Technical information related to the model
  - Coordination with Metro
- CDM Smith Review
  - Understanding of the model structure
  - Computational details of running model
  - Performing key model steps to understand process
- CDM Smith Model Development
  - Extracting key elements of Metro model to CDM Smith platform
  - Testing/review key elements for validated results
  - Development of a consolidated model combining some steps of Metro model with CDM Smith Toll Diversion Model (ongoing)

# Revenue Forecast Schedule



# January 2013 Traffic & Revenue Estimates

- Range based on:
  - Variation in model parameters
  - Variation in toll policies
    - Maximum toll rate
    - Vary toll by hour
    - Weekend-weekday toll rates
    - Size of truck toll multiplier
    - Non-account based fees

# Questions?

For more information,  
please contact:

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