DEVELOPING THE NEXT GENERATION BKR MODEL

TRANSPORTATION COMMISSION
OCTOBER 13, 2016
At the February Transportation Commission Meeting, staff presented:

- The current BKR model
- How it is used
- Strengths and limitations
- Opportunities for improvement
- Expectations of the new model
- Progress made to that point
WHAT WE HEARD FROM YOU

• Move forward
• Continue coordination with partners and surrounding jurisdictions
• Engage/inform local consultants
PROGRESSES MADE SINCE FEBRUARY

- Conducted national peer review
- Solicited input from local consultants
- Selected a preferred design
- Contracted with RSG Inc.
- Model development in process
PEER REVIEW

February 24 and 25th in City Hall

The panel included experts from:
- Puget Sound Regional Council
- Portland Metro
- Atlanta Planning Commission
- Northern Virginia Planning Commission
- City of Calgary, Canada

The Panel
- Reviewed the draft model design options
- Recommended a design with improvements
EXPECTATIONS OF THE NEW BKR MODEL

• Multi-modal:
  - Generate multimodal performance metrics
  - Assess multimodal needs and potential usage

• More sensitive to changes in:
  - Land use - densities, mixed use
  - Travel options & transportation technologies
  - Congestion
  - Transportation policies such as tolling and parking cost
HOW THE NEW MODEL WILL BE DEVELOPED

- Partnership: Kirkland, Redmond, PSRC
- Contracted with RSG Consultant
- Significant portion of the work done by staff to save budget
BUDGET & SCHEDULE

- $150,000 contract
- Expect to complete the initial model development in mid 2017
- Test and refine for real world applications thereafter
QUESTIONS AND DISCUSSION

Thank You!

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