

DEVELOPING THE NEXT GENERATION BKR MODEL

**TRANSPORTATION COMMISSION
OCTOBER 13, 2016**

BACKGROUND

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**

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QUESTIONS AND DISCUSSION

Thank You!

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