

# STATUS REPORT ON TPB'S TRAVEL DEMAND FORECASTING MODELS

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## Gen2 and Gen3 Models

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July 19, 2019



# PRIORITIES

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# Priorities

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- TPB staff is currently supporting or planning for three models
  - Gen2/Ver. 2.3 Model (adopted, production-use)
  - Gen2/Ver. 2.5 Model (developmental)
  - Gen3 Model (developmental)
- In June, it was decided to
  - Take a hiatus on working with the Ver. 2.5 Model
  - So that staff could focus on Ver. 2.3 and Gen3 models



# Gen2/Ver. 2.3 Model updates

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- Minor updates completed: 2.3.75 => 2.3.78 (Ray Ngo)
- Major updates in progress: 2.3.79+ (Meseret Seifu)
- Recalibration of Ver. 2.3.79+ Model
  - Updates to the way that external (IX/XI) trips are distributed in the model
  - Other necessary, associated changes (potentially including trip generation, trip distribution, mode choice, and traffic assignment). Goals
    - Improve est/obs VMT
    - Improve estimation of transit submodes (e.g., Metrorail, commuter rail)



# GEN2/VER. 2.5 MODEL

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# Gen2/Ver. 2.5 Model

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- Temporary pause in work
- There are no new updates to report
- Work expected to resume in Sept./Oct. time frame



Image credit: Mark Moran



# GEN3 MODEL

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# Gen3 Model

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- Three-year, \$900,000 project
- RFP advertisement period was 5/15/19 to 6/26/19
- Multiple proposals were received from qualified vendors
- Technical Selection Committee (TSC) was formed to review and score proposals
- TSC membership includes representatives from COG staff, DC, MD, VA, and WMATA
- TSC schedule: Scoring due Tue., July 23 by close of business
- Firm selection expected in Aug.





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