

# COG/TPB'S FY 26 PROJECT FOR CONSULTANT ASSISTANCE WITH TRAVEL DEMAND FORECASTING METHODS USED BY THE COG/TPB STAFF

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## Status report

Mark S. Moran  
TPB Program Director, Travel Forecasting and Emissions Analysis

TPB Travel Forecasting Subcommittee  
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# Overview

- Background: Contracting approach
- FY 26 modeling on-call project
  - Task assignment
  - Budgets
- Introducing the teams
  - Principal participants
    - COG/TPB staff
    - RSG, Baseline Mobility Group (BMG), and Elite Transportation Group (ETG)
    - Cambridge Systematics, Inc. (CS) and MMTAM, LLC
  - Other key participants



Image credit: Mark Moran



# Background: Contracting approach

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- Since 2005 (FY 06), COG/TPB staff have had a consultant contract to improve travel demand forecasting modeling methods.
  - One-year contract, renewable for up to two additional years allowing consultant to hold the contract for up to three years before rebidding.
  - Contracts were held by various consultants (e.g., VHB, Cambridge Systematics, AECOM)
- In 2015, Cambridge Systematics (CS) developed a strategic plan for modeling methods
- Strategic plan => Development of a new activity-based model (ABM): COG/TPB Gen3 Travel Model.
  - In FY 18 contracting approach shifted from one-year contracts to a multi-year contract (with RSG to develop the new ABM).
  - Now, the Gen3 Model has been largely developed and is in beta release.
  - Consequently, TPB staff are now shifting back to the previous contracting approach of using yearly contracts.
  - TPB staff issued an RFP in 2025, which resulted in a split award (RSG and CS).



# FY 26 modeling on-call project: Task assignment

- Task 1. Attend relevant meetings and provide ad-hoc assistance to TPB staff on matters not covered by other task orders. [**RSG, active, NTP memo**]
- Task 2. Develop a strategic plan for the improvement of travel demand forecasting methods used by the COG/TPB staff. [**CS, active, NTP memo**]
- Task 3. Review of travel demand forecasting model (TDFM) software. [**RSG, in development**]
- Task 4. Gen2 Travel Model (trip-based model): Assistance with re-calibration and/or re-validation. [RSG, likely on hold until Task 2 is done]
- Task 5. Gen3 Travel Model (activity-based model): Assistance with the continual development and application of the new model. [RSG, likely on hold until Task 2 is done]



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# FY 26 modeling on-call project: Budgets

- Total expected budget per year: \$450k
- Breakdown
  - CS, Task 2, strategic plan: \$150k
  - RSG, Tasks 1, 3, 4, and 5: \$300k
- Modeling on-call project was started late in FY 26, so some funds will be carried over into FY 27
- Task 2, strategic plan is fixed price.
- Tasks 1, 3, 4, and 5: Payment could be fixed price or time & materials.

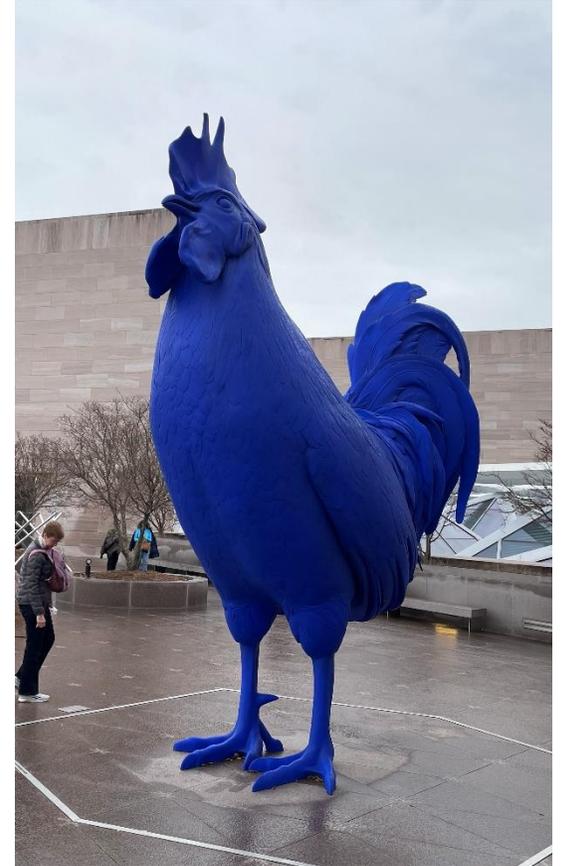


Image credit: Mark Moran

# Introducing the teams, principal participants

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- COG/TPB
  - Mark Moran (Project Manager). Retiring 3/30/26. Agency is recruiting for Mark's replacement (new Program Director)
  - Feng Xie (Deputy Project Manager). After Mark's retirement, Feng or new Program Director to be Project Manager
- RSG, Baseline Mobility Group (BMG), and Elite Transportation Group (ETG)
  - Ali Etezady, RSG (Project Manager)
  - Joel Freedman, RSG (Project Director)
- Cambridge Systematics, Inc. (CS) and MMTAM, LLC
  - Tom Rossi, CS (Project Manager)
  - Feng Liu, CS (Principal in Charge)
  - John Gliebe, CS (Deputy Project Manager)



# Introducing the teams, other key participants

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- COG/TPB
  - Model Development: Ray Ngo, Bahar Shahverdi, Glenn Lang, Jim Yin
  - Model Application: Dusan Vuksan, Nazneen Ferdous
- RSG, Baseline Mobility Group (BMG), and Elite Transportation Group (ETG)
  - RSG: Robert Wertman
  - BMG: Mushtaqur Rahman
  - ETG: Lawrence Liao, Xuemei Liu
- Cambridge Systematics, Inc. (CS) and MMTAM, LLC
  - CS: Vivek Yadav, Joe Flood, Heather Lupton
  - MMTAM: Mary Martchouk



## Mark S. Moran

Program Director, Travel Forecasting and Emissions Analysis  
(202) 962-3392  
mmoran@mwkog.org

[mwkog.org/tpb](http://mwkog.org/tpb)

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Metropolitan Washington Council of Governments  
777 North Capitol Street NE, Suite 300  
Washington, DC 20002



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