

# Status report on the consultant-assisted project for development of the COG/TPB travel demand model

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# Background

- Since 2005 (FY 2006), COG/TPB staff has maintained a consultant-assisted project to provide assistance with the application and development of the COG/TPB travel demand model.
- The project has been conducted using a series of one-year contracts.
- Each contract has been designed so that its duration could be extended for up to two additional years.
- Thus, a consultant could hold the contract for up to three years before the contract needs to be re-bid.



# Background

- Contract is a task-order contract
  - ▣ Task orders are negotiated in advance and mutually agreed to by COG project manager and consultant.
- Past consultants holding this contract
  - ▣ FY 2006-08: Vanasse Hangen Brustlin, Inc. (VHB)
  - ▣ FY 2009-11: Cambridge Systematics, Inc. (CS)
  - ▣ FY 2012-14: AECOM
- Winner for FY 2015
  - ▣ Cambridge Systematics



# Recent work in FY 2014

- At the last TFS meeting (5/23/14), AECOM made a presentation about the work it had done for COG in FY 2014.
- As per past practice, consultant work gets documented in an end-of-year report.
- May & June
  - AECOM provided draft chapters of report and draft modeling files to COG/TPB staff
  - COG/TPB staff provided feedback to AECOM and begun testing modeling files
- June 30: Draft report and associated modeling files were delivered to COG



# Finalizing FY 2014 documentation

- AECOM's draft FY 2014 report was distributed to the TFS at its July meeting (today)
  - ▣ Paper copies distributed to TFS meeting attendees
  - ▣ Electronic copy uploaded to COG TFS website
- 30-day review and comment period will end on August 18



# Work in FY 2015

- Contract between COG and CS was signed on June 20, 2014
- Task Order #1 of FY 2015 (“Attend meetings and respond to ad-hoc requests”) was authorized yesterday
- COG/TPB staff will continue testing modeling files developed by AECOM to determine which proposed enhancements to include in future releases of COG/TPB travel model (see next slide)



# Work in FY 2015

- Model enhancements proposed by AECOM that COG/TPB staff will test out and consider for inclusion in future model releases:
  - Automated procedure for calculating the percent of each zone within walking distance to transit
  - Transit path-building conversion: From TRNBUILD to PT
  - Mode choice application program conversion: From AEMS (Fortran) to ModeChoice (C++/TRANSIMS)
  - Enhancements to HOV-lane and HOT-lane modeling, including new routine for toll setting on HOT lanes



# General procedure for authorizing task orders

- Discussion between COG/TPB staff and consultant
- COG proposes a task order (usually via a memo)
- Consultant responds with a written proposal, including deliverables, schedule, and budget
- COG authorizes consultant to begin work (via a memo)





# Next steps

- Contract with AECOM (FY 14)
  - Staff welcomes TFS feedback on the draft FY 2014 report over the next 30 days. Send comments to me ([mmoran@mwcog.org](mailto:mmoran@mwcog.org))
- Contract with CS (FY 15)
  - Task Order #1 of FY 2015: Attend meetings and respond to ad-hoc requests
  - Kick-off meeting scheduled for Aug. 1 to discuss ideas for future task orders



# Questions?

- Mark Moran ([mmoran@mwkog.org](mailto:mmoran@mwkog.org))

