



Status Report

April 9, 2020

Phase 2 Update

- Scenario Planning Update
 - After checking the land use data inputs for the travel demand model from several different angles and making necessary corrections, the greater growth scenario files were completed, and initial travel demand modeling of the Greater Growth scenarios can begin.
 - The study team is starting to work with the dashboard now that some initial results are coming from the travel demand model, although those results are still preliminary and undergoing revisions
 - Similarly, the preliminary results of the travel demand model have been provided to EBP (subconsultant) to test out the TREDIS model
 - The study team is updating the Drivers memo per Working Group comments and will also provide a set of comment responses when the memo is completed (plan to complete next week).
- Travel Demand Model
 - Developing composite land use files for input to the Travel Demand Forecasting Model (TDFM); received final land use adjustments on Wednesday 4/8.
 - Running scenarios through the TDFM now. The first runs will be w/o Tech as there are some issues as to how the model handles zero-occupant vehicles. We are in consultation with VDOT on this issue, HRTPO (Dale Stith) is being copied on the correspondence.
 - The w/o Tech model runs should be completed by today and will begin preparing results in the form of performance measures. Towards the end of next week, we should be in a position to discuss the w/o Tech run results.
 - We will pick back up on completing the model evaluation and data sources memos once this initial modeling push is complete.
- Website – The website is up to date with uploading of meeting minutes, agendas, and reports/memos.
- Schedule – The schedule has been amended based on delays with the travel demand modeling effort. late-May is now our anticipated completion date for Phase 2.

- Deliverables— The Consultant team is in the process of developing several memos:
 - The tech memo on Drivers, Spatial Assumptions, and Travel Parameters was distributed Friday, March 20. Comments were received by March 27. Consultant team has created a comment matrix and will be distributing draft responses to comments next week.
 - The memos summarizing travel behavior data review and travel demand model evaluation will be pushed back to late April
 - The tech memo on Scenario Evaluation will be pushed back to early May

Phase 3 Update

- Task 1 – Engagement – Team is preparing to launch project a social media sites for Facebook. Potential sites for future pop-up meetings and the public meetings scheduled to be held in 2021 are being investigated. A draft fact sheet for the study is being prepared. The Virtual Public Meeting to explain the Scenario Planning aspect of the study has been delayed until Phase 2 has been completed and we have the results ready to present.
- Task 2 – Alternative Development – A draft technical memorandum summarizing the information from the HRCS SEIS that will be used for the RCS was distributed April 6. Cost estimates on the 5 segments carried over from the HRCS SEIS have begun being updated with current unit prices.
- Task 3 – Alternative Assessment – Team has begun desk top review of the I-664 segment from the HRS SEIS. Team has established a web-based file repository for Consultant team members to share files and information, such as mapping, alternatives' alignment files, GIS layers, etc.
- Task 4 – Scenario Planning – Existing traffic condition analysis framework still being set up through collaboration between team members from different firms. FREEVAL and VISSIM analyses for existing conditions have been initiated.
- Deliverables
 - Draft Summary of Identified Preliminary Alternatives memo was distributed for review and comment on April 6. Comments are due COB Monday, April 13.