



MEETING SUMMARY

TPR MODELING AND ANALYSIS GUIDES UPDATE

APM USER GROUP MEETING #1

MAY 24, 2023; 9:00 AM – 12:00 PM

VIRTUAL MEETING

1. PROJECT TEAM INTRODUCTIONS/ AGENDA OVERVIEW

9:00

- Project team introductions
 - Garth Appanaitis, DKS Associates
 - Zachary Horowitz, ODOT

2. PROJECT OVERVIEW, GOALS AND SCHEDULE

9:05

- Zachary Horowitz (ODOT) summarized project goals and outcomes. He highlighted key phases of the project, the timeline for the project, and related CFEC projects.

3. RELATED CFEC PROJECTS AND TECH MEMO #3 DISCUSSION

9:15

- Garth Appanaitis, DKS Associates, provided an overview of Tech Memo #3, highlighting the interface between this project and the Oregon Transportation Plan (OTP) Update, Oregon Highway Plan (OHP) update and Transportation System Plan (TSP) Guidelines update.
- Chi Mai, ODOT – Has interest in tools for speed-based performance measures.
- Andy Mortensen, DEA – It would be helpful to see a readily accessible and advertised chart illustrating how the emerging modeling guidance fits with all the other in-process state plans and procedures.
 - Zachary Horowitz, ODOT, shared the following website and noted that more materials are in development. <https://www.oregon.gov/odot/Planning/Pages/Climate-Transportation-Planning.aspx>

4. OAR REVIEW (TECH MEMO #1) DISCUSSION

9:35

- Garth provided an overview of Tech Memo #1. He discussed some of the key areas that were flagged as potential rules changes that may influence analysis/procedures.
- Andy Mortensen, DEA – The TM1 table looks good as populated and did not catch any red flags.
- Martin Mann, ODOT – What is the probability of success for a CFA? How do you get developers to want to come in? What is likely to be the most successful areas to pick? Martin proposes that it might be helpful to use LUSTR (Brian Gregor tool) to develop the CFA and types of

development. This analysis would support determining CFA location and attributes on the front end rather than measuring the modeling outcomes on the back end.

- Martin Mann, ODOT – Will need to clearly define what household-based applies to for purposes of measuring VMT.
- Martin Mann, ODOT – Need to consider if the PRC population projections will need to be maintained for purposes of CFA modeling.
- [Comment from chat, name not recorded] – The OTP is wanting to move away from v/c and look at person capacity for project prioritization. Interested in being on committee that considers alternate performance measures [standards].
 - Garth noted that this project (and committees) will be reviewing a toolbox of potential performance measures around the objective areas identified in the TPR.

5. REVIEW OF GUIDANCE DOCUMENTS (TECH MEMO #2) DISCUSSION **10:10**

- Garth provided an overview of Tech Memo #2, highlighting the three documents that were reviewed: APM, Modeling and Analysis Guidelines and Modeling Procedures Manual for Land Use Changes (MPMLUC).
- Dejan Dudich, ODOT – Consideration for peak spreading and Alternate mobility policy in chapter 8 of the APM may need to be modified.
- Janet Jones, Mackenzie – Agrees that it makes sense to update the traffic analysis documentation in OAPM chapter 19 to reflect the changes that are identified. It's important for everybody to speak the same language and understand the "why" on analysis being conducted, whether for development review or public projects.
- Martin Mann, ODOT – There are a lot of analysis method details that are missing in current documentation, including other settings and demographics that need to be addressed in the MPMLUC. If an existing household size is used, you can back calculate a reasonable population.
- Martin Mann, ODOT – Analysts need to be aware of the analysis needs and tools.
 - Garth mentioned that one approach would be to provide a high-level framework in the OAPM that lays out the different aspects that are needed, with technical details appearing in the MPMLUC or other model-focused document.
- Martin Mann, ODOT – Has conducted an initial Albany CFA test case that he can share.
- Zachary Horowitz, ODOT – Noted that there has been a long-time discussion about a potential Modeling Procedures Manual.

6. NEXT STEPS / ADJOURN **10:55**

- Garth reviewed next steps for the project. He noted that the next tech memo will include a review of the models and documentation.