PTRM Model Team Meeting |SUMMARY

Meeting date | time *09/19/24 | 10:00 – 10:40am* | **Meeting location** *MS Teams*

Attendance

PART: Mark Kirstner, John Kim, Jiahang Li, Andrew Sowers

NCDOT: Soon Chung, Sangwoo Sung, John A. Bailey, Pam Cook, Fred Haith, Travis Marshall

MPO's: Hunter Staszak, Yuan Zhou, Nathan Smiley, Andrew Edmonds, *Eliud De Jesus*, *Jamie Lawson*

FHWA: Suzette Morales

GUEST: Heejoo Ham, David Schelligner

Highlights

1. John Kim provided the model update process for the past month.
2. David Schelligner from Stantec provided the freight model update.
3. MPO representatives provided the growth allocation confirmation schedule.
4. Mark Kirstner shared the MOA------

Agenda topic *Introductions*

- Eliud De Jesus and Jamie Lawson with the Burlington-Graham MPO. Eliud is the new MPO coordinator. Jamie is the Director of the Planning Department. She reported that the MPO is moving from the Transportation Department to Planning.

Agenda topic *Model Update Progress* | Presenter *John Kim, David Schelligner*

- John Kim shared that Stantec has developed a new methodology for modeling non-home-based trips.
- Additionally, the masterline layer has been updated, and the base year data is now finalized. The transit route system has also been updated and confirmed.
- The socio-economic (SE) data for 2020 is almost finished. PART is awaiting acceptance of the TAZ level data from two MPO's and wrapping up grid cell level data for two others.
- David Schelligner shared that a new script for destination choice model and area type model is completed and updated the schedule for the freight mode.

Agenda topic *General Updates* | Presenters *Mark and others*
Model Usage for MTP

- **PART:** John Kim reported that aggregation of three MPOs at fishnet level are done. Mark suggested a meeting in January or February to review the results at a regional level.
- **Winston Salem:** Hunter confirmed that their MTP consultant will begin using the updated model in late January or February 2025.
- **Greensboro:** Yuan confirmed that they will also need the updated model in late January or February 2025.

- **Burlington-Graham:** Indicated they would confirm and let PART know.

Revision of Model Program Memorandum of Agreement

Mark reported the PART staff has prepared a draft of the agreement and giving it a final review. It will be distributed in a week or two. He suggested a separate meeting from the Model Team meeting to discuss the updates.

Technology Upgrades

- Mark shared that new large format monitors were purchased for John and Jia. They are finding them very beneficial.
- ESRI will no longer be supporting ArcGIS Desktop beginning in 2026. Currently the model team has one "legacy" Desktop license. However, John believes that ArcGIS Pro offers functions that will be beneficial to the model maintenance and updates. Secondly, both modelers will need a license. The new pricing structure be more expensive and be a named users license. Mark indicated he would like to get a new license for Jia now and budget for the second next year.

End of Meeting.