

Meeting date | time 03/21/24 | 10:00 – 11:30am | Meeting location MS Teams

Attendance

Mark Kirstner, John Kim, Andrew Edmonds, Snow Ou, John A Bailey, Fredrick D Haith, Pamela R Cook, Hunter Staszak, Yuan Zhou, Sanwoo Sung, John Hanes, Martin Kinnamon, Wannetta Mallette, Michael R Abuya, Taegyu Kim, Amy Lopez and Arthur Getman.

Highlights

1. John Kim provided a progress report on the model update process.
 2. MPO representatives provided updates on their growth allocation projects.
 3. Amy Lopez and Arthur Getman provided an introduction about Replica big data service.
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Agenda topic **Model Updates** | Presenter John Kim

- John Kim gave a rundown of our meeting with Stantec back in February. We talked about different types of area models, and the team decided to go with a dynamic function area model. Stantec also gave us a presentation on how income groups are divided in the model update process.
 - Following our presentation on AADT tagging in the last meeting, the PART model team has been busy. We've been working on converting turning movement data from the MPO and hourly distribution data from the DOT to AWDT, which we can use for traffic count data. We've already sent the latest master line layer with updated AWDT to Stantec. Right now, the modeling team is focusing on studying how COVID has affected travel demand.
 - Colin mentioned that the documentation for the tour-based freight model will be ready by the end of this week.
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Agenda topic **Growth Allocation Updates** | Presenter MPO Representatives

Winston Salem: Hunter's hitting some capacity roadblocks and needs to dig into the parcel tagging process.

Greensboro: Yuan's going through scenarios and pushing forward.

Burlington- Graham: Mark mentioned that PART has started using data from Wannetta to run growth scenarios all the way to allocations within TAZ. Things are going smoothly, but some might need some collaborative effort to adjust certain TAZ.

High Point: Andrew mentioned that April's shaping up to be a busy month for them, so they might not be able to dive into it. However, PART can offer support if they need it.

Agenda topic **Replica Data Presentation** | Presenter Amy Lopez, Arthur Getman

- Amy Lopez gave us the lowdown on Replica data sources and user tools, covering detailed places, near-real-time mobility data, and future scenario builds based on places data. All data are accessible and exportable.
- Arthur Getman delved into data input and methodology. Replica datasets include consumer and resident data, location data, built environment data, economic activity, and ground truth data. Replica generates data through computational simulations and compares them with ACS ground

truth data during the validation process. Arthur also showcased some Replica use cases, highlighting how it's been tackling transportation issues in places like Denver and Hawaii.

- No comments at this stage; we'll need to follow up with further discussion.

End of Meeting.