ARC ABM TIP Amendment #6

Model Users Group

September 30, 2022

TIP #6 Highlights

- Same socioeconomic data as The Atlanta Region's Plan (TARP) 2020 RTP and recent conformity amendments (TIP #1 & TIP #3)

- Model years: 2030, 2040 and 2050

- Multiple MMIP project updates

MMIP Express Lanes Project Updates

- AR-ML-200E (I-285 Top End East & SR 400 from I-285 to North Springs)
  - Henderson Road to Raider Drive (was SR 400)
  - 2040 (was 2030)

- AR-ML-200W (I-285 Top End West)
  - Raider Drive (was SR 400) to Atlanta Road (was Paces Ferry Road)

- AR-ML-210 (I-285 West)
  - Atlanta Road (was Paces Ferry Road) to I-20 West (was Donald Lee Hollowell Parkway)
  - New full merge at the Chattahoochee River
  - 2 lanes each direction (was 1)

- AR-ML-240 (I-285 East)
  - Henderson Road to I-20 East (was Glenwood Road)
  - New interchanges at Northlake Parkway & Stone Mountain Freeway
  - Removes merges at Northlake Parkway & Lawrenceville Highway
  - 2 lanes each direction (was 1)
  - 2050 (was 2030)

MMIP Express Lanes Project Updates

- AR-318 (I-75 Commercial Vehicle Lanes)
  - 2040 (was 2030)

- AR-ML-420 (I-85 North outside I-285)
  - 2 lanes each direction
  - 2050 (was 2040)

- AR-ML-510 (I-20 East outside I-285)
  - 2050 (was 2040)

- AR-ML-800 (I-20 West outside I-285)
  - 2050 (was 2040)

ABM Conformity Series Process

- TIP #3 Conformity Series Process
    - No socioeconomic changes
    - Limited major project updates
    - Warm start run with prior TIP #1 vehicle and trip tables, shadow pricing, and tolls with updated highway & transit networks
    - Warm start runs with optimized tolls

- TIP #6 Conformity Series Process
    - Cold start run
    - Warm start run with cold start vehicle and trip tables
    - Shadow pricing
    - Warm start run with shadow pricing
    - Toll optimization by period
    - Multiple warm start runs until tolls optimized

Important Dates

- Public Comment – early November 2022

- TCC, TAQC, ARC Board & GRTA Board Approvals – December 2022

- USDOT / EPA CDR Approval – January 2023 (anticipated)