

**SANDAG ABM2+ REVISIONS**

**FY 2022 – FINAL RELEASE 14.2.2**

AUGUST 2021



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# Series 14 ABM2+ Release

## Version 14.2.2

Release Date: 08/20/2021

## Highlights

Land use forecast ID DS38 for build years and DS39 for no build years

- [\[ABM-1329\]](#) - Streamline E-Bike ownership and max benefit property
- [\[ABM-1354\]](#) – Automate E-Bike share settings
- [\[ABM-1355\]](#) - Update settings for non-standard years
- [\[ABM-1356\]](#) – Update speed validation template with the 2016 INRIX speed data
- [\[ABM-1361\]](#) – Integrate run time summary tool
- [\[ABM-1362\]](#) – Update telecommute UECs for non-standard years
- [\[ABM-1370\]](#) – Update CVM light vehicle scaling factor
- [\[ABM-1379\]](#) – Create skims for the 4th iteration
- [\[ABM-1380\]](#) – Correct speed calculation
- [\[ABM-1382\]](#) – Correct warm-up trip table settings
- [\[ABM-1383\]](#) – Correct ASPD treatment on HOV3 lanes
- [\[ABM-1384\]](#) – Adjust freeway VDF for AM and PM periods
- [\[ABM-1385\]](#) – Update RUC for selected years
- Add stochastic traffic assignment as an option (by INRO)
- Fix a bug in remote method calls that caused occasional work and school location choice failures (by RSG)

## Bugs

- [\[ABM-1331\]](#) - Correct HOV toll input check & add SR78 facility to the vehicle class toll factor file for 2025
- [\[ABM-1336\]](#) – Append skims beyond max thresholds to walk/MM/MT trips in DataExporter
- [\[ABM-1337\]](#) - Fix visitor MicroTransit availability bug
- [\[ABM-1338\]](#) - Remove 5<sup>th</sup> Ave. HOV lanes and fix SR-125 year error in vehicle\_class\_toll\_factors file
- [\[ABM-1350\]](#) - Fix I-15ML bug in the import\_network.py
- [\[ABM-1380\]](#) – Correct speed calculation
- [\[ABM-1382\]](#) – Correct warm-up trip table settings
- [\[ABM-1383\]](#) – Correct ASPD treatment on HOV3 lanes

## Improvements

- [\[ABM-1323\]](#) - Delete the scenario folder on the mascot local drive after model completion
- [\[ABM-1329\]](#) - Streamline E-Bike ownership and max benefit property
- [\[ABM-1330\]](#) - Check data exporter outputs after model run
- [\[ABM-1345\]](#) - Move specialGenerator.csv to common folder
- [\[ABM-1349\]](#) - Replace scenario creation executable with a batch file
- [\[ABM-1352\]](#) - Update parametersByYears.csv AQC year values
- [\[ABM-1354\]](#) - Automate E-Bike share settings
- [\[ABM-1355\]](#) - Update settings for non-standard years
- [\[ABM-1356\]](#) - Update speed validation template with the 2016 INRIX speed data
- [\[ABM-1361\]](#) - Integrate run time summary tool
- [\[ABM-1362\]](#) - Update telecommute UECs for non-standard years
- [\[ABM-1370\]](#) - Update CVM light vehicle scaling factor
- [\[ABM-1377\]](#) - Update solutions toolbox (solutions.mtbx) for stochastic assignment
- [\[ABM-1378\]](#) - Add the path checker for filesByYears.csv in the beginning of model flow
- [\[ABM-1379\]](#) - Create skims for the 4th iteration
- [\[ABM-1384\]](#) - Adjust freeway VDF for AM and PM periods
- Add stochastic traffic assignment as an option (by INRO)
- Fix a bug in remote method calls that caused occasional work and school location choice failures (by RSG)