

# Mode Choice

## ‘05\_\_Skim\_\_Tran.s’

- Added lookup FILEI reference to new ‘1\_\_Inputs\0\_GlobalData\4\_ModeChoice\bus\_speed\_ratios.csv’ input file
- Defined new ‘Bus\_Speed\_Ratio’ lookup function & indices
  - Function index (columns in lookup table) based on Period & Area Type
    - \* Peak = Area Type ID
    - \* Off-Peak = Area Type ID + 5
  - Lookup index (rows in lookup table) based on updated Functional Class groups
- Updated Functional Class groups:

Table 1: Updated Functional Class Groups

FC ID	Functional Class	FT
1	Collectors & Locals	1, 4-10
2	Minor Arterials	3
3	Principal Arterials	2
4	Expressways	11-19
5	Freeways & Ramps	20-49

- Area Type ID
  - 1 – Rural
  - 2 – Transition
  - 3 – Suburban
  - 4 – Urban
  - 5 – CBD-Like
- Updated bus speed calculations