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