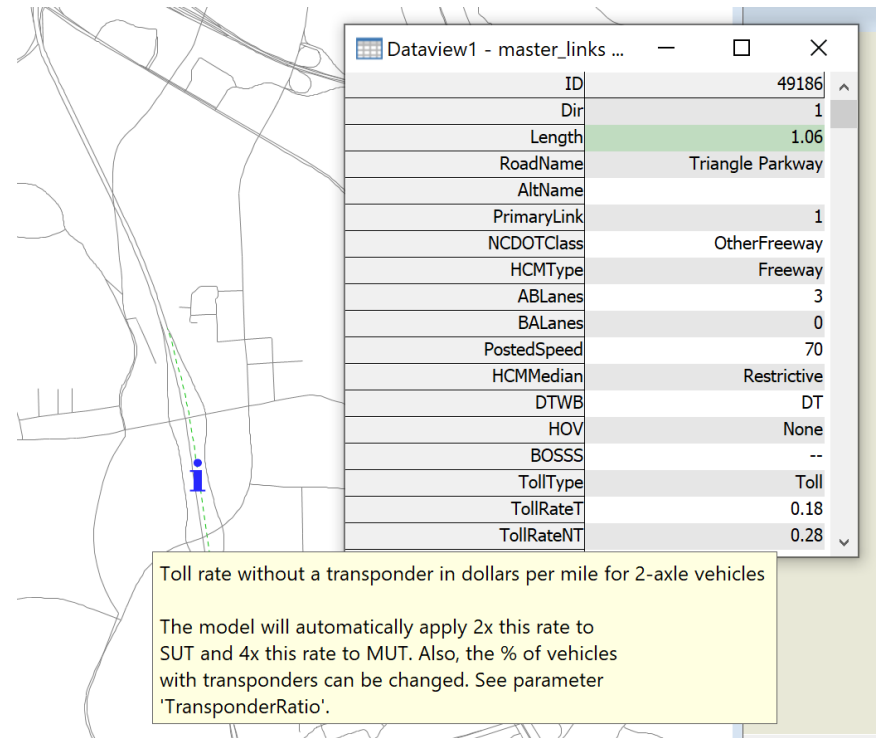


TRMG2 TOLLS



TOLLS ON THE NETWORK

- Add base toll rates
 - \$/mi
 - With/without transponder
 - Bubble help!
- Transponder usage is parameterized
 - (Hat tip: Roberto)
 - Auto, SUT, MUT parameters
 - Parameters stored in flowchart



The screenshot shows a map on the left with a road segment highlighted in green. A blue information bubble is positioned over this segment. On the right, a window titled 'Dataview1 - master_links ...' displays a table of road attributes for 'Triangle Parkway'.

ID	49186
Dir	1
Length	1.06
RoadName	Triangle Parkway
AltName	
PrimaryLink	1
NCDOTClass	OtherFreeway
HCMTType	Freeway
ABLanes	3
BALanes	0
PostedSpeed	70
HCMMedian	Restrictive
DTWB	DT
HOV	None
BOSSS	--
TollType	Toll
TollRateT	0.18
TollRateNT	0.28

Toll rate without a transponder in dollars per mile for 2-axle vehicles

The model will automatically apply 2x this rate to SUT and 4x this rate to MUT. Also, the % of vehicles with transponders can be changed. See parameter 'TransponderRatio'.

TOLL CHOICE

- Not in mode choice
 - Disconnect between MC and assignment
- Done during assignment
 - Requires classes stratified by values of time
 - Can see loaded volumes by vehicle and VOT

VALUE OF TIME STRATIFICATION

- Borrowed approach from the NCSTM
- SOV becomes SOV1, SOV2, ..., SOV5
 - Similar for other classes
- Based on income information of origin and destination
- Length of trip also plays a role
- The NCSTM VOT values need calibration for TRM

Q & A

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