

Tampa Bay Regional Planning Model (TBRPM) v6.0

Cheat Sheet for Loaded Networks

TBRPM Assignment has three classes:

1. Trucks
2. LOV
3. HOV (2 or more people)

A normal assignment produces a loaded network file like

BASE\Year_2000_Base\Output\HWYLOAD_A00.NET for the base year 2000 scenario.

The loaded volume attributes appended to the end of the network attributes are defined by:

TOLL_DEC	0	0	<i>A-B (Left column) and B-A (Right column)</i>
V_1	9182.2842	9112.8115	→ Total Directional Link Volumes (<i>All three classes</i>)
TIME_1	7.0038	6.9633	→ Directional Link Congested Time in Minutes
VC_1	1.2627	1.2531	→ Directional Link Volume / Capacity Ratio
CSPD_1	28.9556	29.124	→ Directional Link Congested Speed
VDT_1	31036.119	30801.303	→ Directional Link Vehicle Distance (Miles) Traveled
VHT_1	1071.8502	1057.5901	→ Directional Link Vehicle Hours Traveled
V1_1	1089.649	1084.5336	→ Directional Link Truck Volumes
V2_1	5471.8086	5448.5908	→ Directional Link LOV Volumes
V3_1	2620.8264	2579.6873	→ Directional Link HOV Volumes
VT_1	18295.096	18295.096	→ Total Link Volume (<i>All three classes, both sides</i>)
V1T_1	2174.1826	2174.1826	→ Total Link Truck Volume (<i>Both sides</i>)
V2T_1	10920.399	10920.399	→ Total Link LOV Volume (<i>Both sides</i>)
V3T_1	5200.5137	5200.5137	→ Total Link HOV Volume (<i>Both sides</i>)

TBRPM Select Link / Select Zone Analysis Assignments have the same three classes, but the traffic is split further for the selected link(s) and selected zone(s):

1. Trucks
2. LOV
3. HOV (2 or more people)
4. Background Trucks
5. Background LOV
6. Background HOV (2 or more people)
7. Selected Link / Selected Zone Trucks
8. Selected Link / Selected LOV
9. Selected Link / Selected HOV (2 or more people)

The Selected Link / Selected Zone assignments produce a loaded network file like BASE\Year_2000_Base\Output\SLK_HWYLOAD_A00.NET (for Selected Link) and BASE\Year_2000_Base\Output\SLZ_HWYLOAD_A00.NET (for Selected Zone) for the base year 2000 scenario.

The loaded volume attributes appended to the end of the network attributes are defined by:

TOLL_DEC	0	0	<i>A-B (Left column) and B-A (Right column)</i>
V_1	3870.8228	3814.6309	→ Total Directional Link Volumes (<i>All three classes</i>)
TIME_1	1.1274	1.127	→ Directional Link Congested Time in Minutes
VC_1	0.432	0.4257	→ Directional Link Volume / Capacity Ratio
CSPD_1	35.6567	35.6684	→ Directional Link Congested Speed
VDT_1	2593.4512	2555.8027	→ Directional Link Vehicle Distance (Miles) Traveled
VHT_1	72.734	71.6546	→ Directional Link Vehicle Hours Traveled
V1_1	952.8355	917.5803	→ Directional Link Truck Volumes
V2_1	2380.8218	2367.5852	→ Directional Link LOV Volumes
V3_1	537.1653	529.4653	→ Directional Link HOV Volumes
V4_1	898.7391	853.3179	→ Directional Link Background Truck Volumes
V5_1	2166.4856	2133.8508	→ Directional Link Background LOV Volumes
V6_1	477.2388	464.7311	→ Directional Link Background HOV Volumes
V7_1	54.0965	64.2624	→ Directional Link Selected Truck Volumes
V8_1	214.3362	233.7345	→ Directional Link Selected LOV Volumes
V9_1	59.9265	64.7342	→ Directional Link Selected HOV Volumes
VT_1	7685.4536	7685.4536	→ Total Link Volume (<i>All three classes, both sides</i>)
V1T_1	1870.4158	1870.4158	→ Total Link Truck Volume (<i>Both sides</i>)
V2T_1	4748.4072	4748.4072	→ Total Link LOV Volume (<i>Both sides</i>)
V3T_1	1066.6306	1066.6306	→ Total Link HOV Volume (<i>Both sides</i>)
V4T_1	1752.0569	1752.0569	→ Total Link Background Truck Volume (<i>Both sides</i>)
V5T_1	4300.3364	4300.3364	→ Total Link Background LOV Volume (<i>Both sides</i>)
V6T_1	941.9699	941.9699	→ Total Link Background HOV Volume (<i>Both sides</i>)
V7T_1	118.3589	118.3589	→ Total Link Selected Truck Volume (<i>Both sides</i>)
V8T_1	448.0707	448.0707	→ Total Link Selected LOV Volume (<i>Both sides</i>)
V9T_1	124.6607	124.6607	→ Total Link Selected HOV Volume (<i>Both sides</i>)