

AdjustPlans Quick Reference

Version 4.0.9

Revision History

1/8/2010 Edited by AECOM Consult, Inc.
4/15/2010 Edited by RSG, Inc.

Syntax:

AdjustPlans [-flag] [control_file] [partition]

Purpose:

1. Iteratively replicates and deletes plan records to adjust the link demands to more closely match traffic counts by time of day.
2. The adjustments can be based on total demand and counts crossing a set of screenlines by time of day.
3. The traffic counts can be factored up or down to approximate different target years or time periods.
4. Constraints on the number of times a plan can be replications or deleted can be included.
5. Link delays can be included to estimate arrival times for path links.
6. The vehicle file records are added or deleted as needed.
7. A link convergence file can be generated.

Required Keys

NET_NODE_TABLE	[net_directory] <i>filename</i>
NET_LINK_TABLE	[net_directory] <i>filename</i>
NET_PARKING_TABLE	[net_directory] <i>filename</i>
PLAN_FILE	[project_directory] <i>filename</i> [.partition]
TRAFFIC_COUNT_FILE	[project_directory] <i>filename</i>

Optional Keys

TITLE	text
REPORT_FILE	<i>filename</i>
REPORT_FLAG	FALSE {true/false/yes/no/1/0}
MAX_WARNING_MESSAGES	100,000
MAX_WARNING_EXIT_FLAG	TRUE {true/false/yes/no/1/0}
PROJECT_DIRECTORY	<i>pathname</i>
DEFAULT_FILE_FORMAT	VERSION3 {(2)}
TRAVELER_SCALING_FACTOR	100 {2..100}
NET_DIRECTORY	<i>Pathname</i>
NET_LANE_CONNECTIVITY_TABLE	[net_directory] <i>filename</i>

LINK_DELAY_FILE	[project_directory]/filename
VEHICLE_FILE (1)	[project_directory]/filename
PLAN_FORMAT	VERSION3 {VERSION3/BINARY}
NODE_LIST_PATHS	TRUE {true/false/yes/no/1/0}
TRAFFIC_COUNT_FORMAT	[default_file_format] {(2)}
LINK_EQUIVALANCE_FILE	[project_directory]/filename
NEW_PLAN_FILE (1)	[project_directory]/filename[.partition]
NEW_PLAN_FORMAT	VERSION3 {VERSION3/BINARY}
NEW_HOUSEHOLD_LIST	[project_directory]/filename[.partition]
NEW_VEHICLE_FILE (1)	[project_directory]/filename
CONVERGENCE_FILE	[project_directory]/filename
COUNT_SCALING_FACTOR	1.0 {0.1..2.0}
RANDOM_NUMBER_SEED	Computer clock time {>=0}
MAXIMUM_PERCENT_ERROR	5 percent {0.01..100.0}
MAXIMUM_ITERATIONS	25 {1..1000}
MAXIMUM_REPLICATIONS	25 {1..100}
PROHIBIT_DELETIONS	FALSE {true/false/yes/no/1/0}
NET_DEFAULT_FORMAT	[default_file_format] {(2)}
NET_NODE_FORMAT	[net_default_format] {(2)}
NET_LINK_FORMAT	[net_default_format] {(2)}
NET_PARKING_FORMAT	[net_default_format] {(2)}
NET_LANE_CONNECTIVITY_FORMAT	[net_default_format] {(2)}
DEMAND_FILE_FORMAT	[default_file_format] {(2)}
LINK_DELAY_FORMAT	[demand_file_format] {(2)}
VEHICLE_FORMAT	[demand_file_format] {(2)}
NEW_VEHICLE_FORMAT	[demand_file_format] {(2)}
CONVERGENCE_FORMAT	[default_file_format] {(2)}

Reports

ADJUSTPLANS_REPORT_#	PRINT_LINK_EQUIVALENCIES
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Notes

1	If a new plan file is created, an input vehicle file and new vehicle file are required.
2	{VERSION3, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL, SQLITE3}
3	{HOURS, SECONDS, 24_HOUR_CLOCK, 12_HOUR_CLOCK}