SmoothPlans Quick Reference

Version 4.0.5

Revision History: 14 January 2011   Created by Volpe Center

Syntax: **SmoothPlans [-flag] [control_file]**

Purpose:

1. Applies moving average smoothing to travel plans by time of day.

Required Keys

PLAN_FILE	[project_directory]*filename*
NEW_ PLAN_FILE	[project_directory]*filename*

Optional Keys

TITLE	Text
REPORT_FILE	*Filename*
REPORT_FLAG	FALSE {true/false/yes/no/1/0}
PROJECT_DIRECTORY	*Pathname*
DEFAULT_FILE_FORMAT	VERSION3 {(1)}
MAX_WARNING_MESSAGES	100,000
MAX_WARNING_EXIT_FLAG	TRUE {true/false/yes/no/1/0}
TRAVELER_SCALING_FACTOR	1
NET_DIRECTORY	*Pathname*
NET_NODE_TABLE	[net_directory]*filename*
NET_LINK_TABLE	[net_directory]*filename*
NET_LANE_CONNECTIVITY_TABLE	[net_directory]*filename*
NET_PARKING_TABLE	[net_directory]*filename*
CREATE_NOTES_AND_NAME_FIELDS	
NET_DEFAULT_FORMAT	[default_file_format] {(1)}
NET_*_FORMAT	[default_file_format] {(1)}
LINK_DELAY_FILE	[project_directory]*filename*
LINK_DELAY_FORMAT	[default_file_format] {(1)}
MAX_LINK_DELAY_ERRORS	
PLAN_FORMAT	VERSION3 {VERSION3, BINARY}
NODE_LIST_PATHS	FALSE {true/false/yes/no/1/0}
LIN k_LIST	
RANDOM_NUMBER_SEED	
TIME_OF_DAY_FORMAT	HOURS {(2)}
TIME_INCREMENT	15 (minutes)
MAXIMUM_TIME_SHIFT	45 (minutes)
SMOOTH_GROUP_SIZE	3 {3,5,7,9}
PERCENT_MOVED_FORWARD	20 (3)
PERCENT_MOVED_BACKWARD	20 (3)
NUMBER_OF_ITERATIONS	3 {Integer: 1..25}
NEW_PLAN_FORMAT	VERSION3 {VERSION3, BINARY}
NEW_LINK_SUMMARY_FILE	
SMOOTHPLANS_REPORT	TIME_CHANGE_SUMMARY

Notes

1	BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL and SQLITE3.
2	HOURS, SECONDS, 24_HOUR_CLOCK, and 12_HOUR_CLOCK.
3	Range is 0..(100 – 50 / [smooth group size])