

Validate Quick Reference

Version 4.0.16

Revision History

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

Syntax:

Validate [-flag] [control_file]

Purpose:

1. Compare link delay file to link and/or turning movement counts.
2. Compare link volume and/or movement files to link and turning movement counts.
3. Generate statistical reports for volume level, facility type, area types, link group (screenline), zone group (district), and turning movements;
4. Output link volume data by time increment and time period ranges;
5. Compare transit ridership by line group and/or stop groups to ridership counts.

Required Keys

NET_LINK_TABLE	[net_directory]filename
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Optional Keys

TITLE	Text
REPORT_FILE	Filename
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	Pathname
DEFAULT_FILE_FORMAT	VERSION3 {(4)}
NET_DIRECTORY	Pathname
NET_NODE_TABLE	[net_directory]filename
NET_ZONE_TABLE	[net_directory]filename
NET_LANE_CONNECTIVITY_TABLE	[net_directory]filename
NET_TRANSIT_STOP_TABLE	[net_directory]filename
NET_TRANSIT_ROUTE_TABLE	[net_directory]filename
NET_TRANSIT_SCHEDULE_TABLE	[net_directory]filename
NET_TRANSIT_DRIVER_TABLE	[net_directory]filename
LINK_DELAY_FILE (1)	[project_directory]filename
RIDERSHIP_FILE (1)	[project_directory]filename
INPUT_VOLUME_FILE (1)	[project_directory]filename
TRAFFIC_COUNT_FILE (2)	[project_directory]filename

TURN_VOLUME_FILE (1)	[project_directory]filename
TURN_COUNT_FILE (3)	[project_directory]filename
LINE_GROUP_COUNT_FILE (6)	[project_directory]filename
STOP_GROUP_COUNT_FILE (7)	[project_directory]filename
OUTPUT_VOLUME_FILE	[project_directory]filename
SUMMARY_TIME_PERIODS	0:00..24:00 (5)
SUMMARY_TIME_INCREMENT	0 minutes {0..1440 (in 15 minute increments)}
ANALYSIS_METHOD	VOLUME {VOLUME or VMT}
ADJUSTMENT_FACTOR	1.0 {0.05..10.0}
LINK_EQUIVALENCE_FILE	[project_directory]filename
ZONE_EQUIVALENCE_FILE	[project_directory]filename
LINE_EQUIVALENCE_FILE (6)	[project_directory]filename
STOP_EQUIVALENCE_FILE (7)	[project_directory]filename
FACILITY_TYPE_LABELS	[project_directory]filename
AREA_TYPE_LABELS	[project_directory]filename
NET_DEFAULT_FORMAT	[default_file_format] {(4)}
NET_LINK_FORMAT	[net_default_format] {(4)}
NET_NODE_FORMAT	[net_default_format] {(4)}
NET_ZONE_FORMAT	[net_default_format] {(4)}
NET_LANE_CONNECTIVITY_FORMAT	[net_default_format] {(4)}
NET_TRANSIT_STOP_FORMAT	[net_default_format] {(4)}
NET_TRANSIT_ROUTE_FORMAT	[net_default_format] {(4)}
NET_TRANSIT_SCHEDULE_FORMAT	[net_default_format] {(4)}
NET_TRANSIT_DRIVER_FORMAT	[net_default_format] {(4)}
DEMAND_FILE_FORMAT	[default_file_format] {(4)}
LINK_DELAY_FORMAT	[demand_file_format] {(4)}
RIDERSHIP_FORMAT	[demand_file_format] {(4)}

Reports

VALIDATE_REPORT_#	VOLUME_LEVEL_SUMMARY
	FACILITY_TYPE_SUMMARY
	AREA_TYPE_SUMMARY
	ZONE_GROUP_SUMMARY
	LINK_GROUP_SUMMARY
	LINK_GROUP_DETAILS
	TURN_MOVEMENT_SUMMARY
	TURN_LEVEL_OF_SERVICE
	PRINT_ZONE_EQUIVALENCIES
	PRINT_LINK_EQUIVALENCIES
	LINE_GROUP_SUMMARY

	STOP_GROUP_SUMMARY
	BOARDING_GROUP_SUMMARY
	ALIGHTING_GROUP_SUMMARY
	PRINT_LINE_EQUIVALENCIES
	PRINT_STOP_EQUIVALENCIES

Notes

1	A Link Delay file or Link Volume and/or Turn Volume and/or Ridership files are required.
2	A Traffic Count file is required for link-based reports.
3	A Turn Count file is required for the turning movement report.
4	{ VERSION3, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL }
5	Time Range (e.g., 0:00..6:00, 18:00..23:00)
6	A Line Group count and equivalence file are required for transit line group validation
7	A Stop Group count and equivalence file are required for transit stop group validation