SubareaNet Quick Reference

Version 4.0.10

Syntax:

SubareaNet [-flag] [control_file]

Purpose:
1. Create subarea network files from regional network files using a subarea boundary polygon in ArcView format.
2. Create subarea transit routes and schedules from regional network files using a subarea boundary polygon in ArcView format.

Required Keys

SUBAREA_BOUNDARY_POLYGON	[project_directory]*filename.shp* (1)
NET_NODE_TABLE	[net_directory]*filename*
NET_LINK_TABLE	[net_directory]*filename*
NET_POCKET_LANE_TABLE	[net_directory]*filename*
NET_LANE_CONNECTIVITY_TABLE	[net_directory]*filename*
NET_PARKING_TABLE	[net_directory]*filename*
NET_ACTIVITY_LOCATION_TABLE	[net_directory]*filename*
NET_PROCESS_LINK_TABLE	[net_directory]*filename*
NEW_NODE_TABLE	[new_directory]*filename*
NEW_LINK_TABLE	[new_directory]*filename*
NEW_POCKET_LANE_TABLE	[new_directory]*filename*
NEW_LANE_CONNECTIVITY_TABLE	[new_directory]*filename*
NEW_PARKING_TABLE	[new_directory]*filename*
NEW_ACTIVITY_LOCATION_TABLE	[new_directory]*filename*
NEW_PROCESS_LINK_TABLE	[new_directory]*filename*

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 {(2)}
NET_DIRECTORY	*Pathname*
NET_ZONE_TABLE	[net_directory]*filename*
NET_SHAPE_TABLE	[net_directory]*filename*
NET_LANE_USE_TABLE	[net_directory]*filename*

NET_TURN_PROHIBITION_TABLE	[net_directory]*filename*
NET_TOLL_TABLE	[net_directory]*filename*
NET_UNSIGNALIZED_NODE_TABLE	[net_directory]*filename*
NET_SIGNALIZED_NODE_TABLE	[net_directory]*filename*
NET_TIMING_PLAN_TABLE	[net_directory]*filename*
NET_PHASING_PLAN_TABLE	[net_directory]*filename*
NET_DETECTOR_TABLE	[net_directory]*filename*
NET_SIGNAL_COORDINATOR_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*
EXTERNAL_OFFSET_LENGTH	15 meters {1..50}
NEW_DIRECTORY	*Pathname*
NEW_ZONE_TABLE	[new_directory]*filename*
NEW_SHAPE_TABLE	[new_directory]*filename*
NEW_LANE_USE_TABLE	[new_directory]*filename*
NEW_TURN_PROHIBITION_TABLE	[new_directory]*filename*
NEW_TOLL_TABLE	[new_directory]*filename*
NEW_UNSIGNALIZED_NODE_TABLE	[new_directory]*filename*
NEW_SIGNALIZED_NODE_TABLE	[new_directory]*filename*
NEW_TIMING_PLAN_TABLE	[new_directory]*filename*
NEW_PHASING_PLAN_TABLE	[new_directory]*filename*
NEW_DETECTOR_TABLE	[new_directory]*filename*
NEW_SIGNAL_COORDINATOR_TABLE	[new_directory]*filename*
NEW_TRANSIT_STOP_TABLE	[new_directory]*filename*
NEW_TRANSIT_ROUTE_TABLE	[new_directory]*filename*
NEW_TRANSIT_SCHEDULE_TABLE	[new_directory]*filename*
NEW_TRANSIT_DRIVER_TABLE	[new_directory]*filename*
NET_DEFAULT_FORMAT	[default_file_format] {(2)}
NET_NODE_FORMAT	[net_default_format] {(2)}
NET_ZONE_FORMAT	[net_default_format] {(2)}
NET_LINK_FORMAT	[net_default_format] {(2)}
NET_SHAPE_FORMAT	[net_default_format] {(2)}
NET_LANE_USE_FORMAT	[net_default_format] {(2)}
NET_POCKET_LANE_FORMAT	[net_default_format] {(2)}
NET_LANE_CONNECTIVITY_FORMAT	[net_default_format] {(2)}
NET_PARKING_FORMAT	[net_default_format] {(2)}
NET_ACTIVITY_LOCATION_FORMAT	[net_default_format] {(2)}
NET_PROCESS_LINK_FORMAT	[net_default_format] {(2)}

AECOM

NET_TURN_PROHIBITION_FORMAT	[net_default_format] {(2)}
NET_TOLL_FORMAT	[net_default_format] {(2)}
NET_UNSIGNALIZED_NODE_FORMAT	[net_default_format] {(2)}
NET_SIGNALIZED_NODE_FORMAT	[net_default_format] {(2)}
NET_TIMING_PLAN_FORMAT	[net_default_format] {(2)}
NET_PHASING_PLAN_FORMAT	[net_default_format] {(2)}
NET_DETECTOR_FORMAT	[net_default_format] {(2)}
NET_SIGNAL_COORDINATOR_FORMAT	[net_default_format] {(2)}
NET_TRANSIT_STOP_FORMAT	[net_default_format] {(2)}
NET_TRANSIT_ROUTE_FORMAT	[net_default_format] {(2)}
NET_TRANSIT_SCHEDULE_FORMAT	[net_default_format] {(2)}
NET_TRANSIT_DRIVER_FORMAT	[net_default_format] {(2)}
NEW_DEFAULT_FORMAT	[default_file_format] {(2)}
NEW_NODE_FORMAT	[new_default_format] {(2)}
NEW_ZONE_FORMAT	[new_default_format] {(2)}
NEW_LINK_FORMAT	[new_default_format] {(2)}
NEW_SHAPE_FORMAT	[new_default_format] {(2)}
NEW_LANE_USE_FORMAT	[new_default_format] {(2)}
NEW_POCKET_LANE_FORMAT	[new_default_format] {(2)}
NEW_LANE_CONNECTIVITY_FORMAT	[new_default_format] {(2)}
NEW_PARKING_FORMAT	[new_default_format] {(2)}
NEW_ACTIVITY_LOCATION_FORMAT	[new_default_format] {(2)}
NEW_PROCESS_LINK_FORMAT	[new_default_format] {(2)}
NEW_TURN_PROHIBITION_FORMAT	[new_default_format] {(2)}
NEW_TOLL_FORMAT	[new_default_format] {(2)}
NEW_UNSIGNALIZED_NODE_FORMAT	[new_default_format] {(2)}
NEW_SIGNALIZED_NODE_FORMAT	[new_default_format] {(2)}
NEW_TIMING_PLAN_FORMAT	[new_default_format] {(2)}
NEW_PHASING_PLAN_FORMAT	[new_default_format] {(2)}
NEW_DETECTOR_FORMAT	[new_default_format] {(2)}
NEW_SIGNAL_COORDINATOR_FORMAT	[new_default_format] {(2)}
NEW_TRANSIT_STOP_FORMAT	[new_default_format] {(2)}
NEW_TRANSIT_ROUTE_FORMAT	[new_default_format] {(2)}
NEW_TRANSIT_SCHEDULE_FORMAT	[new_default_format] {(2)}
NEW_TRANSIT_DRIVER_FORMAT	[new_default_format] {(2)}

Notes

1	An ArcView shapefile with a single polygon record defining the boundary of the subarea
2	{VERSION3, BINARY, FIXED_COLUMN, COMMA_DELIMITED, SPACE_DELIMITED, TAB_DELIMITED, CSV_DELIMITED, DBASE, LANL, SQLITE3}

AECOM

AECOM