

Line	Column	Description
1	1	Optimization Query: "Y" if optimization to be performed; "N" otherwise.
2	1	Optimal Control Strategies: "1" for FGFC plans; "2" for VGFC plans; "3" for VGVC plans
3	1	v / w ratio: v: free flow speed; w: backward shockwave speed.
4	1	jam density (veh/km)
	2	saturation flow (veh/hr)
5	1	Initial network preloaded percentage
6	1	Size of time step in seconds
	2	Number of time step included in the simulation horizon
7	1	Delay analysis start time
	2	Delay analysis end time
8	1	Population size of genes used in GA
9	1	No. of generations used in GA
10	1	GA stopping generation
11	1	mutation rate for GA
12	1	scale power index for GA
13	1	Query for initial seed provided for GA
14	1	Query for webster seed provided for GA
15	1	Number of cells
15+	1	Cell name
	2	Proportion of cell that is full at the start of simulation
	3	Number of lanes inside the cell
	4	<i>Ratio for merge/diverge</i>
	5	Cell types: DE: Destination DI: Start of diverge ME: End of Merge OR: Origin TR: Transition cell
	6	1st "from cell". For OR cells, enter '0'
	7	2nd "from cell". If not used, enter '0'
	8	1st "to cell", For DE cells, enters '0'
	9	2nd "to cell", If not used, enter '0'
	10	Proportion of cell outflow to 1st "to cell". This applies for DI cells only. For other cells, enter '0'.
	11	Proportion of cell outflow to 2nd "to cell". Enter '0' if not applicable.
	12	Signal Query: "Y" if cell outflow is controlled by a signal; "N" o.w.
	13	Signal ID.
	14	Free flow speed of the cell
...	...	... <i>other cells information (omitted)</i> ...
a*	1	Number of vehicle loading
a+1	1	Volume Multiplier (reliability factor)
(a+2)+	1	Cell to be loaded
	2	Loading (veh/hr)
	3	Starting time step (inclusive)
	4	End time step (inclusive)
...	...	... <i>other vehicle loading informations (omitted)</i>

b**	1	Number of cycles simulated
b+1	1	maximum cycle time
b+2	1	minimum allowable green time

b+3	1	lost time
b+4	1	existing network cycle time
b+5	1	Number of intersections
(b+6)+	1	intersection index
	2	offset of the intersection
	3	number of stages at the intersection
	4+	stage durations: '0' if the stage is to be optimized
...	...	...other intersection information (omitted)
c***	1	number of plans
c+1	1	plan index
	2	intersection that the plan belongs to
	3+	stage sequence: "Y": Green stage; "N": Red Stage
...	...	...other plan information
d****	1	number of approaches
	2	maximum number of cells included in the approach
(d+1)+	1	approach index
	2	weight assigned to the approach for calculating weighted delay
	3	Plot Query: "Y" if Occu. Plot is required; "N" otherwise
	4	Occu. Plot start time
	5	Occu. Plot end time
	6+	cells covered inside the approach
...	...	...other approaches information (omitted)

*a = 15 + (no. of cells)

*b = a + (no. of vehicle loadings)

*c = (b+6) + (no. of intersections)

*d = (c+1) + (no. of plans)