Decision Group	Decision Name	Type	Range (Value Space)	Default Value	Structural Constraint (Cardinality)	dependency Constraint	Binding Time	Description
Traffic_Light_Controller	Schedule	Enum	Fixed_Schedule|Programable	Programable	1:1 (one of)		generation time	Designates the type of traffic sequence scheduling the TLC system must accommodate
	Geometry	Enum	X|T	X	1:1 (one of)		generation time	Designates the type of intersection geometry the TLC system must accommodate: X: list length 4 of stree; T: list length 3 of street
Fixed_Scheduled	Start_Time	Number	0:00 .. 23:59		-	at most 4 different schedules in the fixed_schedule		start time for this traffic light sequence schedule
	Stop_Time	Number	0:00 .. 23:59		-			stop time for this traffic light sequence schedule
Street	Name	string						street name
	Right_Turn_Lanes		Lane_Group					characteristics for theright-hand turn lanes
	Left_Turn_Lanes		Lane_Group					characteristics for the left-hand turn lanes
	Through_Lanes		Lane_Group			must be specified for each street		characteristics for the through lanes
	Pedestrian_Crosswall	boolean	Xwalk|no_Xwalk	Xwalk	1:1 (one of)			Designates the presence of pedestrian crosswalk for this Lane_Group
	Cross_Button	boolean	CB|no_CB	no_CB	1:1 (one of)			designates the presence of pedestrian crosswalk pushbutton for this Lane_Group
Lane_Group	Number_of_Lanes	numeric	1..2		-			number of traffic lanes in this Lane_Group
	Sensor	boolean	Sensor |no_Sensor	no_Sensor	-			indicates whether there is a traffic monitoring device for each lane in this Lane_group

Decision Model Example: A tabular representation of the Traffic Light Controller