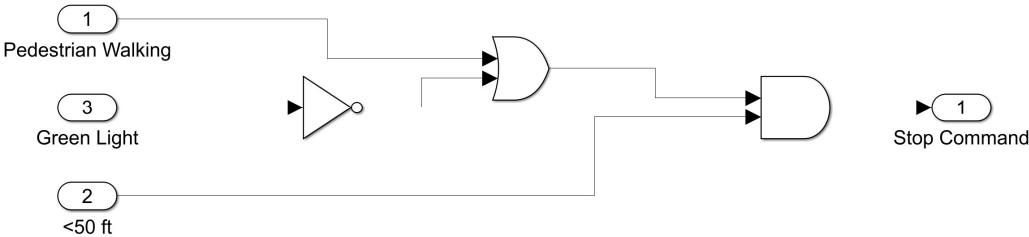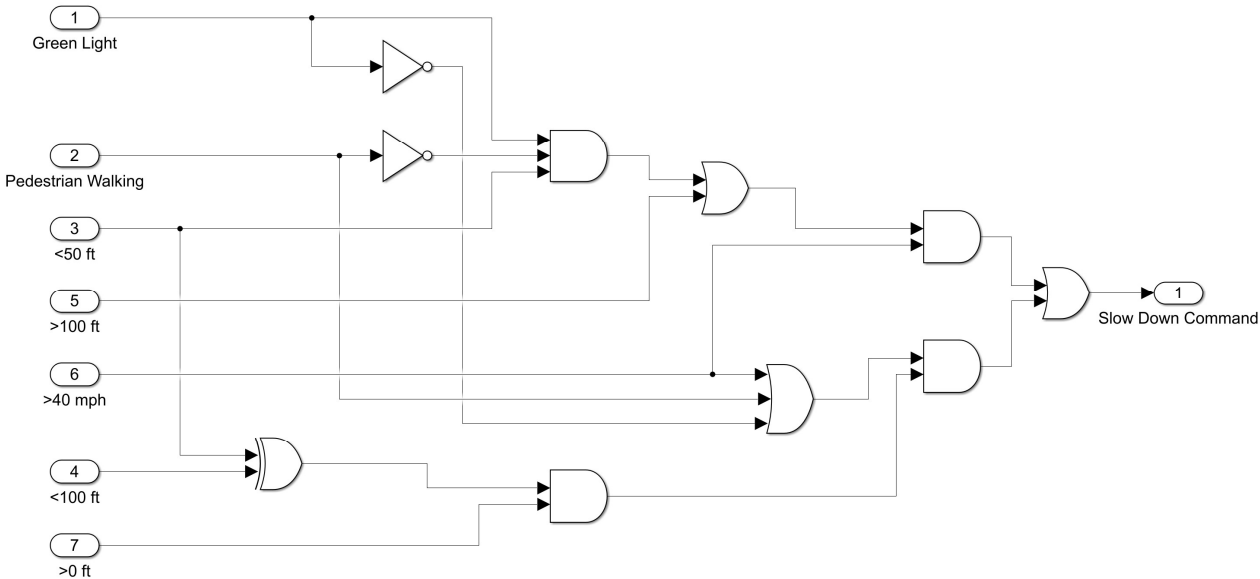# Logic Diagrams incorported into Simulink Model

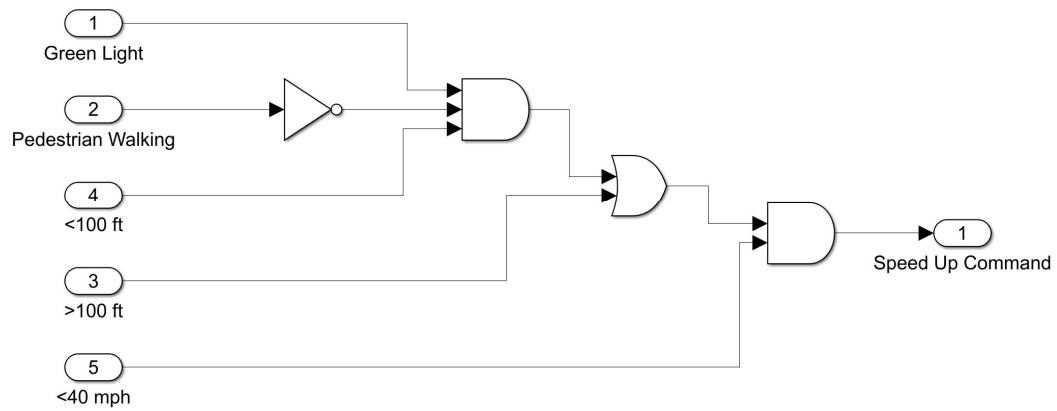## Stop Logic Diagram

Slow Down Logic Diagram

Speed Up Logic Diagram

1	Green Light
2	Pedestrian Walking
4	<100 ft
3	>100 ft
5	<40 mph

Speed Up Command — 1

No Change Logic Diagram

1	Green Light
2	Pedestrian Walking
3	<100 ft
4	>100 ft
5	=40 mph

Keep Speed Command — 1