## TrafficLight2 Example



The TrafficLight2 example builds on the simple TrafficLight1 example, and adds on-demand or conditional sequencing.

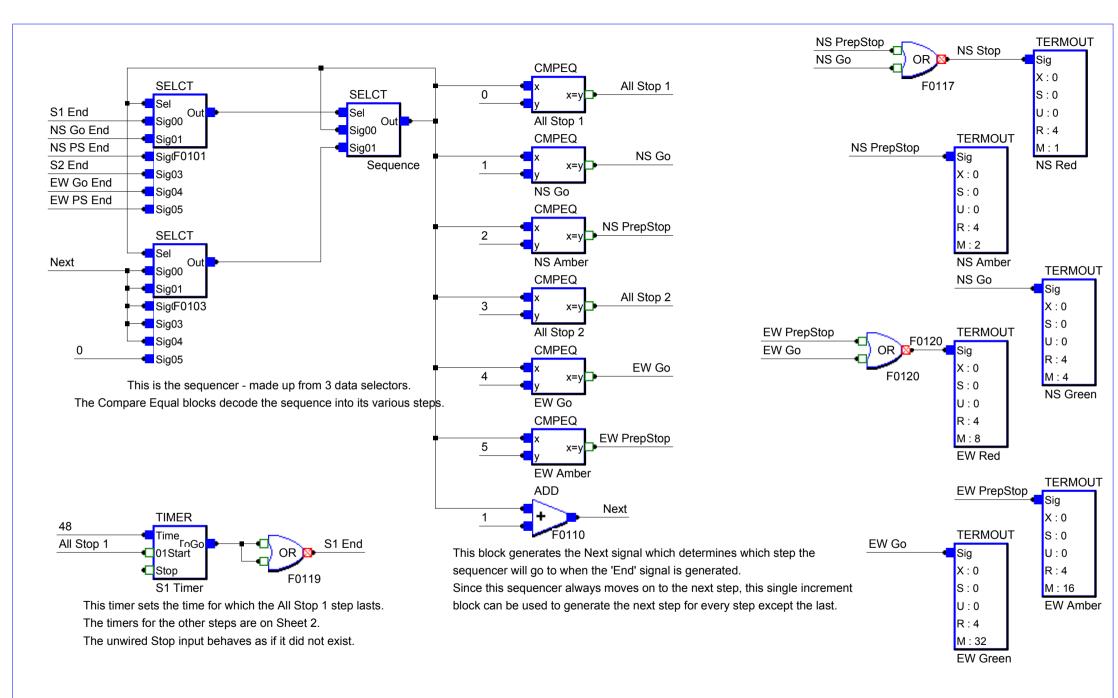
On Sheet 2 we have added Doppler approach detectors and threshold detector pads to the East-West direction. In order to favour traffic on the North-South route, E-W will remain on red until either of its approach detectors is triggered.

Note the interaction between the Doppler and Threshold detectors. We can safely assume that if a vehicle has arrived at the threshold, its Doppler trigger will no longer be required.

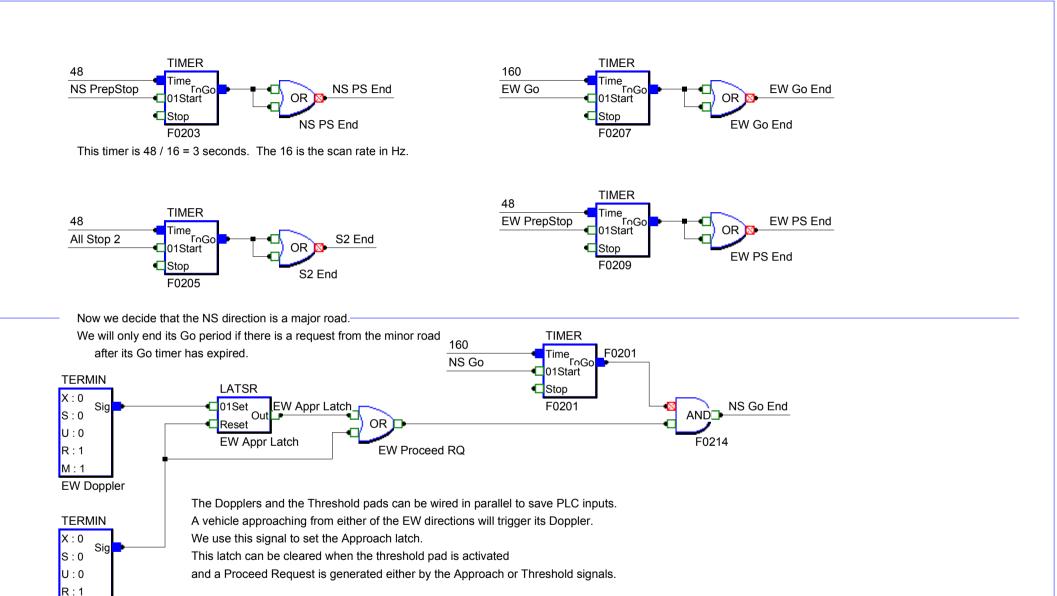
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TRAFFIC LIGHTS 2 - Sheet 1



M : 2

**EW Threshold** 

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TRAFFIC LIGHTS 2 - Sheet 2