



The sequence length (T seconds) last for 15 seconds before it repeats. This timing is carried out by the **Inject nodes (2 off for switching lights on and 2 off for switching lights off) all 4** being set to an interval of 15 seconds.

The phasing of the lights between the north bound traffic and the south bound traffics is achieved by a second set of inject nodes being delayed from startup by T/2 seconds (i.e. 7.5 seconds).

The individual switching of the Lights is controlled by judiciously placing **delay nodes at the required intervals - 16 in total**. Note that the sequence delay must remain synchronised otherwise there could be 'slip' that would be disastrous over time. Node-red inject node timings is ganged to the internal real time clock of the host processor so this shouldn't be a problem.