

TMTii 05 - SMART Motorways Calibration and Optimisation Toolkit (CALO) 2017

**Functional Specification for the Space time plot (Closed Code) element**

The functional description below will allow the *Consultant* to write their own code to provide the Space time plot required. In previous contacts, scopes and in the MCH 2584, Space Time Plot was previously referred to as an MTV plot.

This section describes the requirements of the Space time plots for SMCALo:

M:220       The Space time plot is to display 24 hours traffic over a scheme geographic area with vehicle speeds ranging from 0 – 80 mph in intervals of 5 mph.

M:230       The Space time plot is to display Signal settings from 40,50,60 mph, other settings, Red X  and stop and no loop data status.

M:240        The Space time plot is to display flow direction, title of location and date with junction numbers and geographic marker post numbers for detection equipment,

M:250       The Space time plot is to be a graphical representation which will be an equivalent or enhancement of the space time plot as shown in MCH 2584 for the use of a modelling or investigative tool for Highways England.

M: 260      The Space time plot is to provide visual representation of traffic flows, signal settings, hard shoulder opening /closure, MIDAS detection outstation traffic sites (Radar / Loop) for all lanes and carriageways.