**Greater Manchester Traffic Signal Locations**

## 1       About this document

1.1     This information note was last updated in March 2021.  It accompanies Transport for Greater Manchester's Traffic Signal Location data released at:

https://data.gov.uk/dataset/traffic-signal-locations

1.2     See the following sections for information on:

- Copyright and licence details;
- File formats;
- Data updates; and
- Data specification.

1.3     Please email opendata@tfgm.com if you have any enquiries or feedback about the data or this documentation.

## 2       Copyright and licence details

2.1     This free dataset is released under the Open Government Licence (OGL), a copy of which can be found here:

http://www.nationalarchives.gov.uk/doc/open-government-licence/version/3/

2.2     Please acknowledge the source of this information using the following attribution statement:

**Contains Transport for Greater Manchester data.  Contains OS data © Crown copyright and database right 2021.**

**3	File formats**

3.1	The dataset is available in a choice of file formats:

- .kml (Google Earth)
  http://en.wikipedia.org/wiki/Keyhole_Markup_Language
- .tab (MapInfo)
  http://en.wikipedia.org/wiki/MapInfo_TAB_format
- .shp (ESRI ArcGIS)
  http://en.wikipedia.org/wiki/Shapefile
- .csv (Comma Separated Values)
  https://en.wikipedia.org/wiki/Comma-separated_values

NB: The download files have been zipped to reduce file sizes.

3.2	Email us if you would like to request data in a format not listed here.


**4	Data updates**

4.1	At the time of writing, Transport for Greater Manchester aims to update this dataset up to four times per year.

## 5    Data specification

5.1    The data contains the locations of traffic signals, including Signals, Puffins, Pelicans, Pegasus, Wig Wags, Toucans, and LRT.

5.2    The fields are:

| Field name | Description |
|---|---|
| FRAS_ref | Unique ID |
| Description | Location |
| Type | Type of site |
| Controller | Hardware type |
| OTU_OMU | Communications hardware |
| BUS_GATE | Dedicated bus signals |
| Easting | OSGB Eastings coordinate |
| Northing | OSGB Northings coordinate |
| Type_Of_Control | Software type |
| SCOOT_REGION | SCOOT region |
| SCOOT_STATUS | SCOOT status |
| SCOOT_COMMISSION_DATE | SCOOT commissioning date |
| SCOOT_ANTICIP_DATE | SCOOT anticipated date |
| SCOOT_PROGRESS | SCOOT progress |
| Authority | Council district |
| HWAYS_AGENCY_AREA | Highways Agency assets |
| HA_AGENCY_MAINTAINED | Highways Agency maintained |
| Longitude | WGS84 Longitude |
| Latitude | WGS84 Latitude |
| Final_Longitude | (not used) |
| Final_Latitude | (not used) |
| _COL7 | (not used) |
| NIS node | NIS node |
| _Object | (not used) |
| COMMENTS | Comments |
| Crossing_Facility | Crossing type |

5.3    The field names may be truncated depending on the file format.