

Greater Manchester Traffic Signal Locations

1 About this document

1.1 This information note was last updated in May 2025. 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 2025.

3 File formats

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

- .gpkg (GeoPackage)
<https://en.wikipedia.org/wiki/GeoPackage>
- .tab (MapInfo)
http://en.wikipedia.org/wiki/MapInfo_TAB_format
- .shp (ESRI ArcGIS)
<http://en.wikipedia.org/wiki/Shapefile>
- .geojson (JavaScript Object Notation)
<https://en.wikipedia.org/wiki/GeoJSON>
- .kml (Google Earth)
http://en.wikipedia.org/wiki/Keyhole_Markup_Language
- .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 twice 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
BUS_GATE	Dedicated bus signals
Easting	OSGB Eastings coordinate
Northing	OSGB Northings coordinate
Type_Of_Control	Software type
Authority	Council district
HA_AGENCY_MAINTAINED	Highways Agency maintained
Longitude	WGS84 Longitude
Latitude	WGS84 Latitude
NIS node	NIS node
COMMENTS	Comments
KRN	On the Key Route Network

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