

QUICK START GUIDE

THIS GUIDE RELATES TO THE FOLLOWING STYLESHEETS:

PRODUCT: OS MASTERMAP® HIGHWAYS NETWORK

DATA FORMAT: GML

STYLESHEET FORMAT: STYLED LAYER DESCRIPTORS (SLD)

The stylesheets have been designed to work with the data loaded into a database, e.g. PostGIS, with fieldnames in full and in lowercase.

- 1 **Either fork the stylesheets on [GitHub](#) or [download](#) them and navigate to the directory that matches your data format and stylesheet format.**
- 2 **Copy the folder 'ordnance_survey_highways' into your GeoServer styles directory (a typical Windows file path is C:\Program Files (x86)\GeoServer 2.x.x\data_dir\styles, if using a workspace then use the \data_dir\styles path from there.**
- 3 **Load your OS MasterMap Highways Network data into Geoserver.**
- 4 **Add the styles.** If using the GUI then navigate to Styles>Add a new style>Browse and select to add each file in turn.
- 5 **Publish these styles with the data.** If using the GUI then navigate to Layers>Add a new resource and choose them from the relevant database to add each file in turn. Click on publish, configure settings and then choose the matching style before saving.

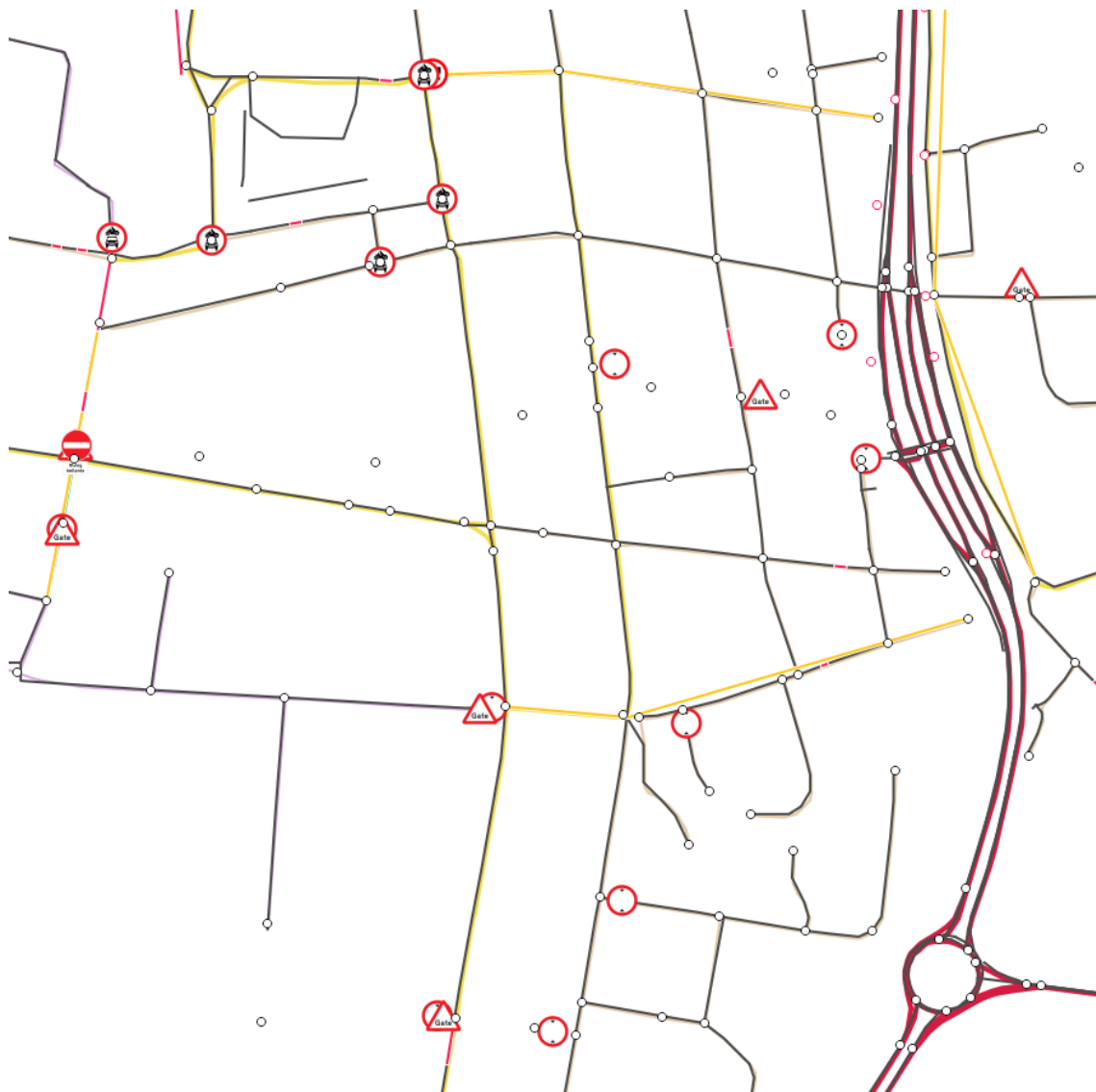
Note: Choose RoadLink-1.sld file to style by road classification or select the RoadLink-2.sld file to style by a combination of route hierarchy and form of way.

- 6 To create Highways Network in GeoServer you will need to create a Layer Group. If using the GUI then navigate to Layer Groups>Add new layer group>Add Layer and choose each layer in turn to create the following layer order:

SpecialDesignation_point
Reinstatement_point
Maintenance_point
FerryNode
FerryNode_Path
PathNode
RoadNode
ConnectingNode
AccessRestriction
Structure
RestrictionForVehicles
SpecialDesignation_Line
Reinstatement_line
Maintenance_line
HighwayDedication
Reinstatement_area
RoadLink
PathLink
FerryLink
FerryLink_Path
ConnectingLink

- 7 The name of this Layer Group is the 'layer' your web map service (WMS) will need to call. The scale denominators have been set to allow viewing between 1:250 and 1:25 000, although this will vary slightly by resolution.

Your data should now look similar to this:



Compatibility notes

Although SLD is an open OGC standard, these SLD's do contain some extended code used by GeoServer, namely the 'vendor option' tags.

Additional information

[More information about how to download, apply and edit our stylesheets including a Stylesheet user guide](#)

[More information about OS MasterMap Highways Network](#)

[More information about cartographic design at Ordnance Survey](#)

Licence

By using these stylesheets you are accepting the terms of the [Open Government Licence](#).