

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, stylesheet format and style preference.
- 2 Load your OS MasterMap Highways Network data into GeoServer.
- 3 Add the styles. If using the GUI then navigate to Styles > Add a new style > Browse and select to add each file in turn.
- 4 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.






- 5 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:

Layers 

[Add Layer...](#)

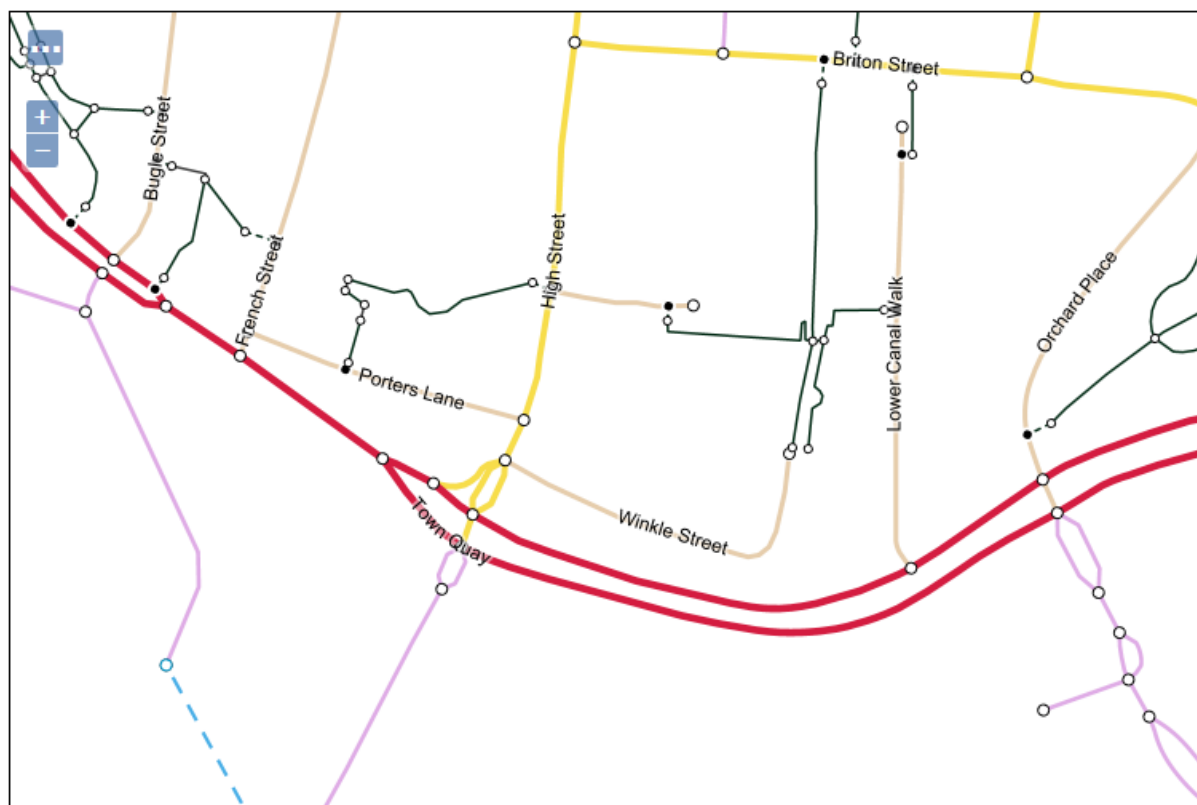
[Add Layer Group...](#)

Drawing order	Layer	Default Style	Style	Remove
1 	osgb:ConnectingLink		ConnectingLink	
2  	osgb:FerryLink_Path		FerryLink_Path	
3  	osgb:FerryLink		FerryLink	
4  	osgb:PathLink		PathLink	
5  	osgb:RoadLink		RoadLink-1	
6  	osgb:ConnectingNode		ConnectingNode	
7  	osgb:RoadNode		RoadNode	
8  	osgb:PathNode		PathNode	
9  	osgb:FerryNode_Path		FerryNode_Path	
10  	osgb:FerryNode		FerryNode	
11  	osgb:Street_Path		Street_Path	
12 	osgb:Street		Street	

     Results 1 to 12 (out of 12 items)

The scale denominators have been set to allow viewing between 1:250 and 1:25 000, although this will vary slightly by resolution.

Your map should look similar to this (if using RoadLink-1):



Compatibility notes

Although SLD is an open OGC standard, these SLDs do contain some extended code used by GeoServer, namely the 'vendor option' tags. Also, as aforementioned, the field names referenced in the SLDs are in full and in lowercase.

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](#).