



## RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium Custom Roads North America 2022 Release 1 as well as the changes between 2022 Release 1 and 2021 Release 4.

### 1) System Requirements:

StreetMap Premium Component	Software
FGDB dataset for mapping and routing, and locators for geocoding	ArcGIS Pro 2.9.1 or later ArcGIS Enterprise 10.8.1 or later

See <https://links.esri.com/streetmap-premium/2022/sys-reqs>

### 2) Patches (strongly recommended):

- **10.8.1 Portal for ArcGIS Enterprise Sites Patch 3** for addressing issues with secured services in ArcGIS Enterprise Sites and downloading hosted feature services anonymously. This patch is inclusive of Portal for ArcGIS 10.8.1 Enterprise Sites Patch 1 and 2.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **10.8.1 and 10.9 ArcGIS Server Orphaned Processes Patch** for addressing an issue with Windows operating systems that leaves processes orphaned during shutdown or other system operations.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **10.8 Portal for ArcGIS Enterprise Sites Patch 1** for addressing issues with secured services in ArcGIS Enterprise Sites and downloading hosted feature services anonymously.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS Server 10.9.1 Setup Program Patch** for addressing an unintended behavior of the setup program that installs the software on Windows operating systems.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS (Desktop, Engine, Server) General Raster Security Patch** for addressing a security vulnerability found in ArcGIS.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **ArcGIS Server Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- **Portal for ArcGIS Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>



- **ArcGIS Server Security 2021 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.  
See <https://links.esri.com/streetmap-premium/2022/current-patches>

**3) Media Contents:**

- a. **ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro29.pdf, Release Notes and ReadMe.txt** - Documentation
- b. **FGDB\_VTPK** - File geodatabase, vector tile package and project file (.aprx) folder
- c. **Locators** - Locators folder

**Refer to ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro29.pdf and ReadMe.txt for more information.**

**4) Data Size:**

<u>2022R1:</u>		<u>2021R4:</u>	
a. FGDB_VTPK dataset	103.1GB;		97.4GB
	79.4GB;		74.1GB
b. Locators	23.7GB;		23.3GB

**5) Dataset Changes:**

**FGDB**

- i. Dataset based on HERE 2021 Q4 vintage
- ii. ArcGIS Pro project file (.aprx) is provided in ArcGIS Pro 2.9.1 version only.
- iii. The Custom Roads file geodatabase requires the StreetMap Premium North America extension for rebuilding the network dataset and Network Analyst functions.

**Point Feature Classes**

- iv. No changes

**Line Feature Classes**

- v. No changes

**Polygon Feature Classes**

- vi. No changes



### Tables

- vii. No changes

Refer to [ArcGIS\\_StreetMap\\_Premium\\_Custom\\_Roads\\_Pro29.pdf](#) for more information.

### 6) Locator Changes:

- a. The default Minimum Match Score (MMS) changes from 60 to 75 and the default Minimum Candidate Score (MCS) changes from 60 to 70 for all locators to eliminate more false positive matches, especially for point address and street address matches. This is consistent with the same change made in the April 2021 Release of the ArcGIS Online World Geocoding Service. Note that some valid postal and locality matches may be missed with these higher MMS and MCS, although you may change the scores back to 60 in the [locator properties](#). A fix to address this issue of lost postal and locality matches is available with the ArcGIS Pro 2.8 release (released in May 2021), the ArcGIS Enterprise/Server 10.9.1 release (released in November 2021), and in the June 2021 Release of the ArcGIS Online World Geocoding Service.
- b. [Locator properties](#) include support for custom intersection connectors for single-country locators, as well as preferred city names and preferred street names.
- c. New authoritative address data sources for State of Maine, USA.
- d. Additional source data updates for USA provided by the GIS user community through the Community Addresses program.

Refer to the Geocoding section 'Geocoding with StreetMap Premium locators' in the [Help.htm](#) or <https://links.esri.com/streetmap-premium/locators> for more information.



**7) Routing/Network Dataset Changes:**

- a. DrivingSide (DRIVING\_SIDE) descriptor attribute added to network attributes and will replace LeftDrivingSide descriptor attribute that will be deprecated in a future release.
- b. The default elevation value of the F\_ZLEV/T\_ZLEV attributes in Custom\_Streets and Routing\_Streets feature classes has changed from 0 to <Null> values.

**Refer to [ArcGIS\\_StreetMap\\_Premium\\_Custom\\_Roads\\_Pro29.pdf](#) for more information.**

**8) Deprecations:**

None