



## **RELEASE NOTES**

These release notes highlight some general information about ArcGIS StreetMap Premium Custom Roads North America 2021 Release 2. **See the Classic Locator Deprecation Notice at the end of this document.**

### **1) System Requirements:**

<b>StreetMap Premium Component</b>	<b>Software</b>
FGDB dataset for mapping and routing, and locators for geocoding	ArcGIS Pro 2.7.3 or later ArcGIS Enterprise 10.7.1 or later

See <https://links.esri.com/streetmap-premium/2021/sys-reqs>

**Note:** The classic locators are deprecated. (See the [classic locator deprecation notice](#).) The new locators are a new style of locators similar to the ones used for the ArcGIS Online World Geocoding Service. However, since StreetMap Premium utilizes primarily HERE data for the source of address data, and the ArcGIS Online World Geocoding Service utilizes HERE data plus other vendors or public sources of information, some countries' geocoding results may vary. When using these new locators, it is always highly recommended that you run the most recent releases of ArcGIS Pro and/or ArcGIS Enterprise.

### **2) Patches (strongly recommended):**

- **10.7.1 Portal for ArcGIS Security 2020 Update 2 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.  
See <https://links.esri.com/streetmap-premium/2021/current-patches>
- **10.7.1 ArcGIS Server Security 2020 Update 1 Patch** for addressing a security vulnerability found in ArcGIS Server.  
See <https://links.esri.com/streetmap-premium/2021/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/2021/current-patches>
- **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/2021/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/2021/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/2021/current-patches>

### 3) **Media Contents:**

- a. **ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro28.pdf, Release Notes and ReadMe.txt** - Documentation
- b. **FGDB\_VTPK** – File geodatabase, vector tile package and project file (.aprx) folder
- c. **NewLocators** - NewLocators folder

**Refer to ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro28.pdf and ReadMe.txt for more information.**

### 4) **Data Size:**

<u>2021R2:</u>	93.1GB
a. FGDB_VTPK dataset	71.3GB
b. New Locators	21.8GB

### 5) **Dataset Changes:**

#### **FGDB**

- i. Dataset based on HERE 2021 Q1 vintage
- ii. ArcGIS Pro project file (aprx) is provided in ArcGIS Pro 2.8 version only for use with 2.8 or later versions.
- 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\\_Pro28.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 users may change the scores back to 60 in the [locator properties](#), if desired. 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 (scheduled to release in Q4 2021), and in the June 2021 Release of the ArcGIS Online World Geocoding Service.
- b. With ArcGIS Pro 2.7 or later, [locator properties](#) include support for custom intersection connectors for single-country locators, as well as preferred city names and preferred street names.
- c. Additional source data updates for State of New York and USA including data provided by the GIS user community through the Community Maps for Addresses program. Natural Earth global ocean data source added.
- d. The June 2020 Release of the ArcGIS Online World Geocoding Service changes the default location of PointAddress and SubAddress matches from the routing location on the street to the address location (parcel or rooftop centroid). Locators included with StreetMap Premium maintain the default location as the routing location, although users may change the default location in the [locator properties](#).



Refer to the Geocoding addresses section ‘About the new address locators for geocoding’ in the Help.htm or <https://links.esri.com/streetmap-premium/new-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 have changed from 0 to <Null> values.

Refer to [ArcGIS\\_StreetMap\\_Premium\\_Custom\\_Roads\\_Pro28.pdf](#) for more information.



8) **Deprecations:**

**Classic Locators Deprecation Notice**

Starting the first quarter of 2021, the classic locators will be phased out and will no longer be included as part of ArcGIS StreetMap Premium Custom Roads. This will impact you if you use older versions of ArcGIS Enterprise or have a custom workflow dependent on these locators. While Esri will continue to include the classic locators in the product until 2021, only the underlying data will be updated, and there will be no further enhancements to the locators.

The following releases will be the last release of the classic locators in ArcGIS StreetMap Premium Custom Roads.

<b>Region</b>	<b>Final Release Version</b>	<b>Final Release Date</b>
Middle East and Africa	2020 R1	Q1 2021
North America	2021 R1	Q2 2021
Europe	2021 R1	Q2 2021
Asia Pacific	2021 R1	Q3 2021
Latin America	2021 R1	Q3 2021