



RELEASE NOTES

These release notes highlight some general information about ArcGIS StreetMap Premium Custom Roads North America 2021 Release 1. **Also, please see the Classic Locator Deprecation Notice at the end of this document.**

1) System Requirements:

StreetMap Premium Component	Software
FGDB dataset for mapping and routing, and locators for geocoding	ArcGIS Pro 2.7.2 or later ArcGIS Enterprise 10.7.1 or later

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

Note: There are two different sets of locators included in StreetMap Premium. The classic locators are the ones that have been included with StreetMap Premium over the last few years. 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 1 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.
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- **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>

3) **Media Contents:**

- ArcGIS_StreetMap_Premium_Custom_Roads_Pro27.pdf** and **ReadMe.txt** - Documentation
- FGDB_VTPK** – File geodatabase, vector tile package and project file (.aprx) folder
- ClassicLocators** - ClassicLocators folder
- NewLocators** - NewLocators folder

Refer to ArcGIS_StreetMap_Premium_Custom_Roads_Pro27.pdf and ReadMe.txt for more information.

4) **Data Size:**

<u>2021R1:</u>	116.9GB
a. FGDB_VTPK dataset	70.7GB
b. Classic Locators	23.9GB
c. New Locators	22.3GB

5) **Dataset Changes:**

FGDB

- Dataset based on HERE 2020 Q4 vintage
- ArcGIS Pro project file (aprx) is provided in ArcGIS Pro 2.7.2 version only for use with 2.7.2 or later versions.
- Since North America 2020 Release 3, the Custom Roads file geodatabase requires the StreetMap Premium North America extension for rebuilding the network dataset and Network Analyst functions.

Point Feature Classes

- No changes

Line Feature Classes

- No changes



Polygon Feature Classes

- vi. No changes

Tables

- vii. No changes

Refer to [ArcGIS_StreetMap_Premium_Custom_Roads_Pro27.pdf](#) for more information.

6) Locator Changes:

- a. New Locators – With ArcGIS Pro 2.7 or later, locator properties include support for custom intersection connectors, as well as preferred city names and preferred street names.
- b. New Locators – Reference data added from providers Safegraph (USA) and MassGIS (USA, state of Massachusetts).
- c. 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.
- d. The USA_StreetAddress classic locator was unable to be built with a spatial index due to increasing reference data sizes. This may affect local, interactive searches but batch geocoding should be unaffected. Users should use the USA new locator as a workaround for this issue.

Refer to [Use the new locators](#) topic 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_Pro27.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.

Region	Final Release Version	Final Release Date
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