ArcGIS StreetMap Premium
North America

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2020 Release 3   2 September 2020

RELEASE NOTES

These release notes highlight some general information about ArcGIS StreetMap Premium North America 2020 Release 3 as well as the changes between 2020 Release 3 and 2020 Release 2. **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 Desktop or ArcGIS Enterprise 10.7.1 or later ArcGIS Pro 2.5.2 or later

See https://links.esri.com/streetmap-premium/2020/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/2020/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/2020/current-patches

3) **My Esri Download or Media Contents:**
   a. **NA_2020R3_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
   b. **NA_2020R3_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
   c. **NA_2020R3_ClassicLocators.7z.[001...00n]** - ClassicLocators folder
   d. **NA_2020R3_NewLocators.7z** - NewLocators folder

   Refer to the QuickStartGuide.pdf for more information.

4) **Data Size:**

2020R3:		65.7GB;	2020R2:	64.1GB
a.	FGDB dataset	24.0GB;		23.3GB
b.	Classic Locators	21.2GB;		21.7GB
c.	New Locators	20.5GB		19.1GB

5) **Dataset Changes:**

   FGDB
   i. Dataset based on HERE 2020 Q2 vintage
   ii. Map Document (MXD) is provided in ArcGIS 10.7.1 version only for use with 10.7.1 or later versions.
   iii. The .sdlic license file naming convention has changed to enable upload of the file to each customer's My Esri account. The .sdlic license file naming convention previously followed this pattern:

   <Region><File Format><Year.Release><Geography><Functions><Expiration>, 'na_fgdb_2019.4_co_all_09_18_20.sdlic', for example, and becomes:

   <CustomerID><Product><Region><Year.Release><Geography><Functions> <Expiration>, '11-smp-na-2020.1-co-all-09_18_20.sdlic', for example.

   Underscores have been replaced with dashes that separate each of the major components of the .sdlic license file naming convention. Note that multiple geographies and the expiration date are still joined by underscores.

Point Feature Classes
>   iv.   No changes

Line Feature Classes
>   v.   No changes

Polygon Feature Classes
>   vi.   No changes

Tables
>   vii.   No changes

Refer to the Data Dictionary section in the Help.htm for more information.

6) **Locator Changes:**

   a. 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.

   b. 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 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. ArcGIS Pro 2.5/2.6 Directions has new language filtering functionality in the network dataset properties. BCP 47 Language Code fields were added to Routing_Streets and Signposts feature classes and referenced in the Directions properties. This is applicable only for countries where street and signpost names are provided in multiple languages.

    b. DrivingSide (DRIVING_SIDE) descriptor attribute added to network attributes and will replace LeftDrivingSide descriptor attribute that will be deprecated in a future release.

Refer to the Routing section 'About the routing services' in the Help.htm 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. This will impact you if you use ArcMap, 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. After these releases, the classic locators will remain available in My Esri for an additional year. They will not be updated during this period.

Region	Final Release Version	Final Release Date
Middle East and Africa	2021 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
Japan	2021 R1	Q3 2021