



RELEASE NOTES

These release notes highlight some general information about ArcGIS StreetMap Premium North America 2019 Release 4 as well as the changes between 2019 Release 4 and 2019 Release 3.

1) System Requirements:

StreetMap Premium Component	Software
FGDB dataset for mapping and routing, and locators for geocoding	ArcGIS Desktop or ArcGIS Enterprise 10.6.1 or later ArcGIS Pro 2.3.3 or later

See <https://links.esri.com/streetmap-premium/2019/sys-reqs>

Note: There are now 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 and Service Packs (strongly recommended):

- **10.6.1 ArcGIS Server Pre-Planned Routes Patch** for addressing an issue with route layers created with the Share as Route Layers geoprocessing tool in ArcGIS Pro.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.6.1 Portal for ArcGIS Security 2019 Update 1 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.6.1 ArcGIS Server Security 2019 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.6.1 Portal for ArcGIS Security 2019 Update 2 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.6.1 ArcGIS Server Security 2019 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>



- **10.7 ArcGIS Network Analyst Function Evaluator Patch** for addressing an issue when performing a network analysis on a network dataset that models height-, weight-, width-, or length-based restrictions using a function evaluator, this patch resolves an issue where roads are being incorrectly restricted when using a start time.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.7.1 Portal for ArcGIS Security 2019 Update 2 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>
- **10.7.1 ArcGIS Server Security 2019 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2019/current-patches-and-service-packs>

3) My Esri Download or Media Contents:

- a. **NA_2019R4_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- b. **NA_2019R4_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
- c. **NA_2019R4_ClassicLocators.7z.[001...00n]** - ClassicLocators folder
- d. **NA_2019R4_NewLocators.7z** - NewLocators folder

Refer to the QuickStartGuide.pdf for more information.

4) Data Size:

	<u>2019R4:</u>		<u>2019R3:</u>	
a.	FGDB dataset	62.4GB;	21.8GB;	61.0GB
b.	Classic Locators	21.8GB;	21.3GB;	22.1GB
c.	New Locators	21.3GB;	19.3GB	21.1GB
		19.3GB		17.8GB

5) Dataset Changes:

FGDB

- i. Dataset based on HERE 2019 Q3 vintage
- ii. Map Document (MXD) is provided in ArcGIS 10.6.1 version only for use with 10.6.1 or later versions.



- iii. Product name change from 'StreetMap Premium for ArcGIS' to 'ArcGIS StreetMap Premium'.

Point Feature Classes

- iv. DistanceMarkers attributes
 - 1. Added: LINK_ID
 - 2. Removed: STREET_ADDRESS_ID

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. New Locators - point address and subaddress reference data with precise rooftop locations added from provider BuildingFootprintUSA (BFUSA) with coverage for much of the USA.
- b. New Locators – now allow search by X/Y (Lat/Long) coordinate input.

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:**

The network field evaluators are now defined using Python expressions rather than VBScript expressions.

Refer to the Routing section 'About the routing services' in the Help.htm for more information.

8) **Deprecations:**

None