



RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium Custom Roads North America 2022 Release 3 as well as the changes between 2022 Release 3 and 2022 Release 2. **Also, see the File Geodatabase Mapping Layers Deprecation Notice at the end of this document.**

System Requirements:

StreetMap Premium Component	Software
FGDB and VTPK datasets for mapping and routing, and locators for geocoding	ArcGIS Pro 2.9.4 or later ArcGIS Enterprise 10.9.1 or later

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

If you plan to create mobile map packages with the Create Mobile Map Package tool in ArcGIS Pro, use ArcGIS Pro 2.9.4 or earlier to ensure geocoding compatibility with the currently released versions of ArcGIS Navigator (iOS or Android) or ArcGIS Runtime.

If using ArcGIS Pro 3.0 or later is a requirement, creating mobile map packages with the Create Mobile Map Package tool will result in .mmpk files where geocoding is only supported in the following versions:

1. End of 2022 releases of ArcGIS Navigator iOS (22.1.0) or ArcGIS Navigator Android (to be determined).
2. ArcGIS Runtime 100.14.1, 100.15 or later.

Patches (strongly recommended):

- a. **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>
- b. **ArcGIS Server 10.9.1 Vehicle Routing Problem Geometry Patch** for addressing an issue where the geometry generated by a Vehicle Routing Problem service might not match with the attributes of the routes for certain requests.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- c. **ArcGIS Server 10.9.1 Log4j Patch** for addressing multiple security vulnerabilities found in log4j distributed with ArcGIS Server.
See <https://links.esri.com/streetmap-premium/2022/current-patches>



- d. **ArcGIS Server Security 2022 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server. Esri recommends that all customers using ArcGIS Server 10.9.1 apply this patch.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- e. **Portal for ArcGIS Security 2022 Update 1 Patch** for addressing multiple security vulnerabilities found in the Portal for ArcGIS component of ArcGIS Enterprise.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- f. **Portal for ArcGIS Log4j Patch** for addressing multiple security vulnerabilities found in log4j distributed with Portal for ArcGIS.
See <https://links.esri.com/streetmap-premium/2022/current-patches>

My Esri Download or Media Contents:

- a. **ArcGIS_StreetMap_Premium_Custom_Roads_Pro29, QuickStartGuide, and Release Notes** PDF files, and **Readme.txt** and **Esri User License Agreement link**
- b. **FGDB_VTPK** - File geodatabase (.gdb), vector tile package (.vtpk) and project file (.aprx) folder
- c. **Locators** - Locators folder

Refer to **ArcGIS_StreetMap_Premium_Custom_Roads_Pro29.pdf** and **Readme.txt** for more information.

Data Size:

	2022R3	2022R2
FGDB_VTPK dataset	80.9 GB	79.8 GB
Locators	26.1 GB	24.8 GB
Total	107.0 GB	104.6 GB



Dataset Changes:

FGDB

- a. Dataset based on HERE 2022 Q2 vintage.
- b. ArcGIS Pro project file (.aprx) is provided in ArcGIS Pro 2.9.4 version only for use with 2.9 or later versions.
- c. The Custom Roads file geodatabase requires the StreetMap Premium North America extension for rebuilding the network dataset and Network Analyst functions.

Point Feature Classes

- d. No changes

Line Feature Classes

- e. No changes

Polygon Feature Classes

- f. No changes

Tables

- g. No changes

Refer to [ArcGIS_StreetMap_Premium_Custom_Roads_Pro29.pdf](#) for more information.

Locator Changes:

- a. New authoritative POI data source added for Canada from provider Safegraph.
- b. New authoritative address data source added for Puerto Rico.
- c. Additional source data updates 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](#) of the standard StreetMap Premium release or <https://links.esri.com/streetmap-premium/locators> for more information.



Network Dataset Changes:

DrivingSide (DRIVING_SIDE) descriptor attribute added to network attributes. LeftDrivingSide descriptor attribute dropped.

Refer to the Routing section ‘Routing with StreetMap Premium’ in the Help.htm of the standard StreetMap Premium release for more information.

Deprecations:

LeftDrivingSide network dataset descriptor attribute deprecated.

File Geodatabase Mapping Layers Deprecation Notice

Starting the fourth quarter of 2022, the file geodatabase (.gdb) mapping layers will no longer be included as part of ArcGIS StreetMap Premium Custom Roads. This will impact you if you use a workflow dependent on these mapping layers to create mobile map packages. Current releases have both the mapping layers and the vector tile package (.vtpk). The vector tile package is the replacement for the file geodatabase mapping layers. The main benefit of this change is that the map Navigation with Custom Streets (vtpk) performs better than the file geodatabase (.gdb) mapping layers across different products and is consistent with the Esri Navigation basemap on ArcGIS Online.

The following releases will be the last release of the file geodatabase mapping layers in ArcGIS StreetMap Premium Custom Roads.

Region	Final Release Version	Final Release Date
Middle East and Africa	2021 R1	Q1 2022
Europe	2022 R2	Q4 2022
North America	2022 R3	Q3 2022
Asia Pacific	2022 R1	Q3 2022
Latin America	2022 R1	Q3 2022