



RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium Custom Roads North America 2022 Release 4 as well as the changes between 2022 Release 4 and 2022 Release 3.

System Requirements:

StreetMap Premium Component	Software
FGDB and VTPK datasets for mapping and routing, and locators for geocoding	ArcGIS Pro 3.0.3 or later; ArcGIS Enterprise 10.9.1 or later

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

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

1. ArcGIS Navigator iOS (22.1.0) or ArcGIS Navigator Android (22.1.0).
2. ArcGIS Runtime 100.14.1 or later.

Use ArcGIS Pro 3.0 or later to create mobile map packages that take advantage of an updated compression routine for StreetMap Premium locator files. Using ArcGIS Pro 2.9.5 or earlier to create mobile map packages will result in slightly larger .mmpk files overall.

Patches (strongly recommended):

- a. **ArcGIS Server Security 2022 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server. Esri recommends that all customers using ArcGIS Server 10.9.1 apply this patch. This security patch is cumulative and includes several security and non-security related fixes from earlier patches.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- b. **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>
- c. **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>



- d. **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>
- e. **ArcGIS Server Traversal Vulnerability Patch** for addressing a security vulnerability found in ArcGIS Server. Esri recommends that all customers using ArcGIS Server 11.0 apply this patch.
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- f. **Portal for ArcGIS Security 2022 Update 2 Patch** for addressing multiple security vulnerabilities found in the Portal for ArcGIS component of ArcGIS Enterprise. Esri recommends that all customers using ArcGIS Enterprise 11.0 apply this patch.
See <https://links.esri.com/streetmap-premium/2022/current-patches>

My Esri Download or Media Contents:

- a. **ArcGIS_StreetMap_Premium_Custom_Roads_Pro30, 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_Pro30.pdf** and **Readme.txt** for more information.

Data Size:

	2022R4	2022R3
FGDB_VTPK dataset	77.0 GB	80.9 GB
Locators	28.1 GB	26.1 GB
Total	105.1 GB	107.0 GB



Dataset Changes:

FGDB

- a. Dataset based on HERE 2022 Q3 vintage.
- b. ArcGIS Pro project file (.aprx) is provided in ArcGIS Pro 3.0.3 version only for use with 3.0 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. Signposts attributes
Added: Branch[0-9]Class, Toward[0-9]Class
- f. Routing_Streets attributes
Added: STREET_NAME_CLASS, COUNTRY_REGION_CODE,
STREET_NAME_CLASS_ALT[1-4]

Polygon Feature Classes

- g. No changes

Tables

- h. Abbreviations table added for network direction settings.

Refer to [ArcGIS_StreetMap_Premium_Custom_Roads_Pro30.pdf](#) for more information.

Locator Changes:

Additional source data updates provided by the GIS user community through the Community Maps 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:

- a. Abbreviations table was added into network direction settings.
- b. Street name class fields were added to the Signposts and Routing_Streets feature classes and are referenced in the Directions Properties of the network dataset.
- c. ISO-3166-2 Country and Region information field was added to the Routing_Streets feature class and is referenced in the Directions Properties of the network dataset.

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

Deprecations:

The file geodatabase (.gdb) mapping layers of ArcGIS StreetMap Premium Custom Roads have been deprecated. Use the map Navigation with Custom Streets (vtpk) to create mobile map packages.