



RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium 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 dataset for mapping and routing	ArcGIS Desktop 10.8.1 or later; ArcGIS Enterprise 10.9.1 or later; ArcGIS Pro 2.9.5 or later
Locators for geocoding	ArcGIS Enterprise 10.9.1 or later; ArcGIS Pro 2.9.5 or later
Mobile map packages	ArcGIS Pro 2.9.5 or later

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

Patches (strongly recommended):

- a. **10.8.1 ArcGIS (Desktop, Server) .sdlic Rollover Licensing Patch** for addressing crashing issues when accessing the detailed street feature classes (Routing_Streets, Streets, and Streetscarto) and the network dataset. **Install this patch before updating to ArcGIS StreetMap Premium North America 2021 Release 3.**
See <https://links.esri.com/streetmap-premium/2022/current-patches>
- b. **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>
- c. **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>
- d. **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>



- e. **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>
- f. **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>
- g. **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. **NA_2022R4_Documentation.7z** - Documentation folder (contains Help.htm), QuickStartGuide and Release Notes PDF files, Readme.txt file, and Esri User License Agreement link.
- b. **NA_2022R4_FGDB.7z.[001...00n]** - StreetMap_Data and MXD folders
- c. **NA_2022R4_Locators.7z** - Locators folder
- d. **Mobile Map Packages** - .mmpk format downloadable from My Esri (ArcGIS Enterprise Portal and ArcGIS Runtime users) or ArcGIS Online

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

Data Size:

	2022R4	2022R3
FGDB dataset	28.1 GB	26.8 GB
Locators	28.1 GB	26.1 GB
Total	56.2 GB	52.9 GB



Dataset Changes:

FGDB

- a. Dataset based on HERE 2022 Q3 vintage.
- b. Map Document (.mxd) is provided in ArcGIS 10.8.1 version only for use with 10.8.1 or later versions.

Point Feature Classes

- c. No changes

Line Feature Classes

- d. **Signposts** attributes
Added: Branch[0-9]Class, Toward[0-9]Class
- e. **Streets** attributes
Added: StreetNameClass, StreetNameClassAlt[1-4], COUNTRY_REGION_CODE
- 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 the Data Dictionary section in the Help.htm 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 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 for more information.

Deprecations:

None