



RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium North America 2023 Release 2 as well as the changes between 2023 Release 2 and 2023 Release 1.

System Requirements:

StreetMap Premium Component	Software
FGDB datasets for mapping and routing	ArcGIS Desktop 10.8.1 or later; ArcGIS Enterprise 11.0 or later; ArcGIS Pro 3.0.5 or later
Locators for geocoding	ArcGIS Enterprise 11.0 or later; ArcGIS Pro 3.0.5 or later
Mobile map packages	ArcGIS Pro 3.0.5 or later

See <https://links.esri.com/streetmap-premium/2023/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/2023/current-patches>
- b. **Portal for ArcGIS Security 2023 Update 1 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/2023/current-patches>
- c. **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/2023/current-patches>
- d. **ArcGIS Server Directory 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/2023/current-patches>



My Esri Download or Media Contents:

- a. **NA_2023R2_Documentation.7z** - Documentation folder (contains Help.htm), QuickStartGuide and Release Notes PDF files, Readme.txt file, and Esri User License Agreement link.
- b. **NA_2023R2_Mapping_FGDB.7z** - Mapping data and MXD folder
- c. **NA_2023R2_Routing_FGDB.7z.[001...00n]** - Routing data
- d. **NA_2023R2_Streets_FGDB.7z** - Streets data
- e. **NA_2023R2_Locators.7z** - Locators folder
- f. **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:

	2023R2	2023R1
NA_Mapping.gdb	4.5 GB	4.5 GB
NA_Routing.gdb	18.4 GB	18.3 GB
NA_Streets.gdb	5.6 GB	5.5 GB
FGDBs	28.5 GB	28.3 GB
Locators	29.6 GB	29.5 GB
Total	58.1 GB	57.8 GB



Dataset Changes:

FGDB

- a. Dataset based on HERE 2023 Q1 vintage.
- b. Map Document (.mxd) is provided in ArcGIS 10.8.1 version only for use with 10.8.1 or later versions.
- c. The NorthAmerica.gdb is split into three separate file geodatabases: 1) NA_Mapping.gdb with the mapping data, 2) NA_Routing.gdb with the network dataset and 3) NA_Streets.gdb with the Streets feature class. If you have not purchased routing for StreetMap Premium, for example, there is no need to download the NA_Routing.gdb which will save disk space.

Point Feature Classes

- d. No changes

Line Feature Classes

- e. No changes

Polygon Feature Classes

- f. No changes

Tables

- g. No changes

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

Locator Changes:

- a. New authoritative data source for state of Montana, USA: U.S. Department of Transportation National Address Database (USDOT NAD).
- b. Additional source updates for Puerto Rico and the U.S. Virgin Islands.
- c. 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. Text fields in network tables can now contain the <Null> value.
- b. Field domains added to Routing_Streets and RestrictedTurns feature classes.

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

Deprecations:

None