2022 Release 1   8 September 2022

RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium Custom Roads Latin America 2022 Release 1 as well as the changes between 2022 Release 1 and 2021 Release 1. **Also, see the File Geodatabase Mapping Layers Deprecation Notice at the end of this document.**

System Requirements:

StreetMap Premium Component	Software
FGDB dataset 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 .mmpks 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 (Desktop, Engine, Server) General Raster Security Patch** for addressing a security vulnerability found in ArcGIS.
   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. **ArcGIS Server Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See https://links.esri.com/streetmap-premium/2022/current-patches

f. **Portal for ArcGIS Security 2021 Update 1 Patch** for addressing multiple security vulnerabilities found in Portal for ArcGIS.
See https://links.esri.com/streetmap-premium/2022/current-patches

g. **ArcGIS Server Security 2021 Update 2 Patch** for addressing multiple security vulnerabilities found in ArcGIS Server.
See https://links.esri.com/streetmap-premium/2022/current-patches

Media Contents:

a. **ArcGIS_StreetMap_Premium_Custom_Roads_Pro29.pdf, Release Notes** and **ReadMe.txt** - Documentation
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:

	2022R1	**2021R1**
FGDB_VTPK dataset	25.30 GB	25.0 GB
Locators	5.73 GB	5.4 GB
Total	31.03 GB	30.4 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 Latin 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. CntryName (alias CountryName) output field added.

   b. The default Minimum Match Score (MMS) changes from 60 to 75 and the default Minimum Candidate Score (MCS) changes from 60 to 70 for all locators to eliminate more false positive matches, especially for point address and street address matches.

   This is consistent with the same change made in the April 2021 Release of the ArcGIS Online World Geocoding Service. Note that some valid postal and locality matches may be missed with these higher MMS and MCS, although you may change the scores back to 60 in the locator properties. A fix to address this issue of lost postal and locality matches is available with the

ArcGIS Pro 2.8 release (released in May 2021), the ArcGIS Enterprise/Server 10.9.1 release (released in November 2021), and in the June 2021 Release of the ArcGIS Online World Geocoding Service.

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 R1	Q2 2022
North America	2022 R2	Q3 2022
Asia Pacific	2022 R1	Q3 2022
Latin America	2022 R1	Q3 2022