



## RELEASE NOTES

These release notes highlight some general information about ArcGIS® StreetMap™ Premium Custom Roads Asia Pacific 2023 Release 1 as well as the changes between 2023 Release 1 and 2022 Release 1.

### System Requirements:

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| StreetMap Premium Component  | Software  |
|--|---|
| FGDB and VTPK datasets for mapping and routing, and locators for geocoding | ArcGIS Pro 3.1.2 or later;<br>ArcGIS Enterprise 11.0 or later |

See <https://links.esri.com/streetmap-premium/2023/sys-reqs>

Creating mobile map packages with the Create Mobile Map Package tool in ArcGIS Pro 3.1.2 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 3.1.2 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.x or earlier to create mobile map packages will result in slightly larger .mmpk files overall.

### Patches (strongly recommended):

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- a. **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>
- 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/2023/current-patches>
- c. **Portal for ArcGIS Enterprise Sites Security Patch** for addressing a stored XSS vulnerability in ArcGIS Enterprise Sites. Esri recommends that all customers using ArcGIS Enterprise 11.0 apply this patch.  
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:

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- a. **AP\_2023R1\_Custom\_Roads\_Documentation.7z** - ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro31, QuickStartGuide, and Release Notes PDF files, and Readme.txt and Esri User License Agreement link
- b. **AP\_2023R1\_Custom\_Roads\_FGDB\_VTPK.7z.[001...00n]** - File geodatabase (.gdb), vector tile package (.vtpk) and project file (.aprx) folder
- c. **AP\_2023R1\_Custom\_Roads\_Locators.7z** - Locators folder

Refer to **ArcGIS\_StreetMap\_Premium\_Custom\_Roads\_Pro31.pdf** and **Readme.txt** for more information.

## Data Size:

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|                   | <b>2023R1</b>  | <b>2022R1</b>  |
|-------------------|----------------|----------------|
| FGDB_VTPK dataset | 66.5 GB        | 68.3 GB        |
| Locators          | 20.9 GB        | 18.6 GB        |
| <b>Total</b>      | <b>87.4 GB</b> | <b>86.9 GB</b> |

## Dataset Changes:

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### FGDB

- a. Dataset based on HERE 2023 Q1 vintage.
- b. ArcGIS Pro project file (.aprx) is provided in ArcGIS Pro 3.1.2 version only for use with 3.1.2 or later versions.
- c. The Custom Roads file geodatabase requires the StreetMap Premium Asia Pacific 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\\_Pro31.pdf](#) for more information.

## Locator Changes:

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No changes

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:

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- a. All feature classes and tables associated with the network dataset are now located within the AP\_Routing.gdb file geodatabase.
- b. Abbreviations table was added into network direction settings.



- c. 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.
- d. 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.
- e. Text fields in network tables can now contain the <Null> value.
- f. Field domains added to Routing\_Streets and RestrictedTurns feature classes.

**Refer to [ArcGIS\\_StreetMap\\_Premium\\_Custom\\_Roads\\_Pro31.pdf](#) for more information.**

## Deprecations:

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None