

RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS North America HERE 2017 Release 3 as well as the changes between 2017 Release 3 and 2017 Release 2.

1) System Requirements:

- ArcGIS Desktop or ArcGIS Server 10.4.1 or later
- ArcGIS Pro 2.1 or later

See <http://links.esri.com/streetmap-premium/2017/sys-reqs>

2) Patches and Service Packs (strongly recommended):

- **10.4.1 Geocoding General Maintenance Patch** for addressing performance and stability issues when geocoding with ArcGIS Desktop, Engine, and Server

See <http://links.esri.com/streetmap-premium/2017/current-patches-and-service-packs>

3) My Esri Download or Media Contents:

- a. **NAHR_2017R3_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- b. **NAHR_2017R3_FGDB.7z.[001...00n]** - MXD and StreetMap_Data folders
- c. **NAHR_2017R3_Locators.7z.[001...00n]** - Locators folder with *.lox and *.loc.xml files; *does not contain the *.loc files which are sent by Esri Customer Service (depending on the geography licensed) along with the product license file.*

Refer to the QuickStartGuide.pdf for more information. Note that the QuickStartGuide is now in PDF format rather than HTML.

4) Data Size:

<u>2017R3:</u>	40.5GB;	<u>2017R2:</u>	40.0GB
a. FGDB dataset	20.8GB;		20.4GB
b. Locators	19.7GB;		19.6GB

5) **Dataset Changes:**

FGDB

- i. Dataset based on HERE 2017 Q2 vintage
- ii. Map Document (MXD) is provided in ArcGIS 10.4.1 version only for use with 10.4.1 or later versions.

Point Feature Classes

- iii. **CityPOI** feature class
Added: DISPLAY_LAT, DISPLAY_LON
- iv. **MajorCityPOI** feature class
Added: DISPLAY_LAT, DISPLAY_LON

Line Feature Classes

- v. **Routing_Streets** feature class
Added: RST_PEDESTRIAN_PREFERRED, RST_STAIRS_TRAVERSAL
- vi. **Streets** feature class
Added: PEDESTRIAN_PREFERRED, STAIRS_TRAVERSAL

Polygon Feature Classes

- vii. No changes

Tables

- viii. **POIContact** table
Added: E164

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

6) **Locator Changes:**

- a. **ASM** – Added American Samoa locators (ASM composite, ASM_AdminPlaces, ASM_Postal, ASM_StreetAddress, and ASM_StreetName); Previously, to find addresses in ASM, it was necessary to use the USA locators.
- b. **MNP** – Added Northern Mariana Islands locators (MNP composite, MNP_AdminPlaces, MNP_Postal, MNP_StreetAddress, and MNP_StreetName); Previously, to find addresses in MNP, it was necessary to use the USA locators.
- c. **VIR** – Dropped Region field and added Subregion field; Region field output moved to Subregion field.

Refer to the Geocoding addresses section ‘About the address locators for geocoding’ in the Help.htm for more information.

7) **Routing/Network Dataset Changes:**

- a. Added restriction attributes ‘Avoid Roads Unsuitable for Pedestrians’, ‘Avoid Stairways’ and ‘Preferred for Pedestrians’.
- b. ‘Avoid Roads Unsuitable for Pedestrians’, and ‘Preferred for Pedestrians’ restrictions checked on for Walking Time and Walking Distance travel modes.
- c. A small number of pedestrian virtual connections and supplemental geometries have been added to the Routing_Streets and Streets feature classes. However, some of the attribute domains for these geometries were defined inconsistently between the two feature classes. For example, some attribute values were left empty in the Streets feature class, instead of being calculated “N” as they were in the Routing_Streets feature class. Network analysis using these segments is not affected. However, if performing queries on these segments, use the Routing_Streets feature class instead of the Streets feature class. The attribute domains will be made consistent between the two feature classes in the next release.

Refer to the Routing section ‘About the routing services’ in the Help.htm for more information.

8) **Deprecations:**

None