

RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS North America TomTom 2016 Release 3 as well as the changes between 2016 Release 3 and 2016 Release 2.

1) System Requirements:

- ArcGIS for Desktop or ArcGIS for Server 10.3.1 or later
- See: <http://links.esri.com/streetmap-premium/2016/sys-reqs>

2) Patches and Service Packs (strongly recommended):

- **10.3.1 Geocoding General Maintenance Patch** for addressing performance and stability issues when geocoding with ArcGIS for Desktop, Engine, and Server
- See: <http://links.esri.com/streetmap-premium/2016/current-patches-and-service-packs>
- **10.4 Geocoding with Suggestions Patch** for addressing stability issues with using suggestions with ArcGIS for Server
- See: <http://links.esri.com/streetmap-premium/2016/current-patches-and-service-packs>
- **10.4.1 Geocoding General Maintenance Patch** for addressing performance and stability issues when geocoding with ArcGIS for Desktop, Engine, and Server
- See: <http://links.esri.com/streetmap-premium/2016/current-patches-and-service-packs>

3) DVD Contents:

- DVD1** – Documentation folder, StreetMap_Data folder - FGDB dataset (part 1), QuickStartGuide.pdf, and Release Notes; *The NorthAmerica.gdb should contain 448 files when assembled from parts 1 through 4.*
- DVD2** – StreetMap_Data folder – FGDB dataset (part 2)
- DVD3** – StreetMap_Data folder – FGDB dataset (part 3)
- DVD4** – StreetMap_Data folder – FGDB dataset (part 4)
- DVD5** – Locators folder (part 1); CAN, MEX, and USA *.lox and *.loc.xml files; *does not contain *.loc files which are sent by Esri Customer Service along with the product license file.*
- DVD6** – Locators folder (part 2); USA_2016R3_TT_StreetAddress .lox and loc.xml
- DVD7** – Locators folder (part 3); USA_2016R3_TT_PointAddress .lox and loc.xml

Refer to the QuickStartGuide.pdf on DVD1 for more information. Note that the QuickStartGuide is now in PDF format rather than HTML.

4) Data Size:

<u>2016R3:</u>	50.3GB;	<u>2016R2:</u>	50.8GB
a. FGDB dataset	29.6GB;		30.1GB
b. Locators	20.7GB;		20.7GB

5) Dataset Changes:**FGDB**

- i. Dataset based on TomTom 2016.06 vintage
- ii. Map Document (MXD) is provided in ArcGIS 10.3.1 version only for use with ArcGIS 10.3.1 or later versions.

Point Feature Classes

- iii. No changes

Line Feature Classes

- iv. **Routing_Streets** attributes
 1. Added: DRIVING_SIDE, RST_PEDESTRIANS
 2. Dropped: MinutesObserved
- v. **Streets** attributes
 - Added: DRIVING_SIDE, RST_PEDESTRIANS

Polygon Feature Classes

- vi. No changes

Tables

- vii. No changes

Refer to the Data Dictionary section in the Help.htm on DVD1 for more information.

6) Locator Changes:

- a. **CAN** – Renamed: CAN_20##R#_TT_Postal to CAN_20##R#_TT_PostalExt; Renamed: CAN_20##R#_TT_FSA to CAN_20##R#_TT_Postal.
- b. Suggestions functionality is available in the North America locators (back to 2015 Release 3) when using ArcGIS for Server 10.3.1 or later with the appropriate Geocoding Patch. After publishing a country composite locator to ArcGIS for Server 10.3.1 or later, you can consume the suggestions REST API in your own applications. If you are using

individual locators, suggestions are enabled only in the StreetAddress, Postal, and AdminPlaces/CityProvince/CityState locators. Suggestions functionality increases the size of a locator, most notably the StreetAddress locators.

Refer to the Geocoding addresses section 'About the address locators for geocoding' in the Help.htm on DVD1 for more information.

7) Routing/Network Dataset Changes:

- a. The cost attribute 'Minutes' now uses values from the FT_AllWeekMinutes and TF_AllWeekMinutes attributes instead of the MinutesObserved attribute which has been dropped from the Routing_Streets feature class. The MinutesObserved attribute will be dropped from the Streets feature class as well in a future release.
- b. The existing impedance 'Minutes' should now be used in place of the existing impedance 'AverageTravelTime' as the 'AverageTravelTime' impedance will be deprecated in a future release.
- c. The cost attribute 'Travel Time' now points to the cost attribute 'Minutes' rather than the cost attribute 'AverageTravelTime' for time-neutral evaluations.
- d. Travel modes 'Walking Time' and 'Walking Distance' added. Travel modes can be accessed only through ArcGIS for Server 10.3 or later, GeoProcessing Tools, and Python. See ArcGIS 10.3 Help.doc: <http://desktop.arcgis.com/en/desktop/latest/guide-books/extensions/network-analyst/travel-modes-concepts.htm>. Edge restriction attribute 'Walking' added.
- e. 'LeftDrivingSide' descriptor attribute added to identify which side of a two-way street drivers drive on.

Refer to the Routing section 'About the routing services' in the Help.htm on DVD1 for more information.

8) Deprecations:

None