

RELEASE NOTES

These release notes highlight some general information about SMP for ArcGIS North America TomTom 2016 Release 1 as well as the changes between 2016 Release 1 and 2015 Release 3.

1) System Requirements:

- ArcGIS for Desktop or ArcGIS for Server 10.2.2 or later (FGDB mapping and routing functionality); 10.2.2, 10.3.1 or later (Locators/Geocoding functionality)
- See: <http://links.esri.com/streetmap-premium/2016/sys-reqs>

2) Patches and Service Packs (strongly recommended):

- **10.2.2 Loading Locators with Suggestions Patch** for addressing performance issues and potential crashes when opening locators that support suggestions with ArcGIS for Desktop, Engine, and Server
- See: <http://links.esri.com/streetmap-premium/2016/current-patches-and-service-packs>
- **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>

3) DVD Contents:

- DVD1** – Documentation folder, StreetMap_Data folder - FGDB dataset (part 1), QuickStartGuide.htm, and Release Notes; *the largest files within the FGDB dataset are included in part 1, with the remainder of files included in parts 2, 3, and 4. 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_2015R3_TT_StreetAddress .lox and loc.xml
- DVD7** – Locators folder (part 3); USA_2015R3_TT_PointAddress .lox and loc.xml

Refer to the QuickStartGuide.htm on DVD1 for more information.

4) Data Size:

<u>2016R1:</u>	50.9GB;	<u>2015R3:</u>	48.6GB
a. FGDB dataset	30.2GB;		31.6GB
b. Locators	20.7GB;		17.0GB

5) Dataset Changes:**FGDB**

- i. Dataset based on TomTom 2015.12 vintage
- ii. Map Document (MXD) is provided in ArcGIS 10.2.2 version only for use with ArcGIS 10.2.2 or later versions.

Point Feature Classes

- iii. **TMCPATHLOCATIONINDEX** empty feature class dropped

Line Feature Classes

- iv. **Streets** attributes
SHIELDNUM – Text(10) to Text(50)
- v. **Streetscarto** attributes
SHIELDNUM - Text(10) to Text(50)

Polygon Feature Classes

- vi. No changes

Tables

- vii. **Streets_TMC** attributes
Dropped: TMCMPATHID
- viii. **TMCInformationOnRoadElement** attributes
Dropped: TMCMPATHID
- ix. **TMCPATH** attributes
 1. Added: TMCMPATHID
 2. Dropped: TMCMPATHID, MPSEQNR
- x. **TMCPATHINDEX** attributes
SEQNR – Short(5) to Long(10)

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

6) **Locator Changes:**

- a. Various fixes for match rate and performance improvements
- b. **CAN** - Street intersection matches now return City, Province, and FSA values in appropriate output fields
- c. **MEX** - Street intersection matches now return Colonia, City, State, and Postal values in appropriate output fields
- d. **USA**
 - i. USA_2016R1_TT_ZipCode locator no longer outputs City and State values into the Match_addr output field. Only the 5-digit Zip Code remains in the Match_addr output field. City, State, and 2-digit State abbreviations are now only found in the City, Region, and Region_Abbr output fields, respectively.
 - ii. USA_2016R1_TT_ZIP4 locator now outputs City, State, and 2-digit State abbreviations in the City, Region, and Region_Abbr output fields, respectively. While reverse geocoding, City and State fields are also returned.
 - iii. USA_2016R1_TT_PointAddress and USA_2016R1_TT_StreetAddress locators now provide the ability to return the Census block ID of a matched address. To make this change, open the USA_2016R1_TT_PointAddress.loc and/or the USA_2016R1_TT_StreetAddress.loc files in a text editor (Notepad++ is recommended) and change the following line from:

WriteBlockIDField = false

to

WriteBlockIDField = true

and then save the file. The output field 'BLOCK_ID' of a matched address will now contain the Census block ID.

- iv. Street intersection matches now return City, County, State, and ZIP Code values in appropriate output fields

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:**

No changes

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

8) **Deprecations:**

None