

## **RELEASE NOTES**

These release notes highlight some general information about SMP for ArcGIS Latin America HERE (LAHR) 2018 Release 1 as well as the changes between 2018 Release 1 and 2017 Release 1.

### **1) System Requirements:**

<b>StreetMap Premium Component</b>	<b>Software</b>
FGDB dataset for mapping and routing, and classic locators for geocoding	ArcGIS Desktop or ArcGIS Server 10.5.1 or later ArcGIS Pro 2.1.3 or later
New locators for geocoding	ArcGIS Enterprise 10.6 or later ArcGIS Pro 2.1.3 or later

See <http://links.esri.com/streetmap-premium/2018/sys-reqs>

**Note:** There are now two different sets of locators included in StreetMap Premium. The classic locators are the ones that have been included with StreetMap Premium over the last few years. The new locators are a new style of locators identical to the ones used for the ArcGIS Online World Geocoding Service. However, since StreetMap Premium utilizes primarily HERE data for the source of address data, and the ArcGIS Online World Geocoding Service utilizes HERE data plus other vendors or public sources of information, some countries' geocoding results may vary. When using these new locators, it is always highly recommended that you run the most recent releases of ArcGIS Pro and/or ArcGIS Enterprise.

### **2) Patches and Service Packs (strongly recommended):**

- **10.5.1 ArcGIS Server Improper Access Control Security Patch** for addressing a specific access control vulnerability found in ArcGIS Server  
See <http://links.esri.com/streetmap-premium/2018/current-patches-and-service-packs>
- **10.6 ArcGIS Server Improper Access Control Security Patch** for addressing a specific access control vulnerability found in ArcGIS Server  
See <http://links.esri.com/streetmap-premium/2018/current-patches-and-service-packs>

### **3) My Esri Download or Media Contents:**

- a. **LAHR\_2018R1\_Documentation.7z** - Documentation folder (contains Help.htm) QuickStartGuide and Release Notes files
- b. **LAHR\_2018R1\_FGDB.7z** - MXD and StreetMap\_Data folders
- c. **LAHR\_2018R1\_ClassicLocators.7z** - ClassicLocators folder
- d. **LAHR\_2018R1\_NewLocators.7z** - NewLocators folder

Refer to the [QuickStartGuide.pdf](#) for more information.

#### 4) **Data Size:**

<u>2018R1:</u>	19.02GB;	<u>2017R1:</u>	12.52GB
a. FGDB dataset	9.49GB;		7.74GB
b. Classic Locators	5.15GB;		4.78GB
c. New Locators	4.38GB		

#### 5) **Dataset Changes:**

##### **FGDB**

- i. Dataset based on HERE Q2 2018 vintage
- ii. Map Document (MXD) is provided in ArcGIS 10.5.1 version only for use with 10.5.1 or later versions.

##### **Point Feature Classes**

- iii. No changes

##### **Line Feature Classes**

- iv. **Routing\_Streets** attributes
  1. Renamed: FT/TF\_KINGPIN\_REAR\_AXLE\_LENGTH to FT/TF\_KINGPIN\_REAR\_AXL\_LENGTH
  2. Renamed: RST\_TOLL\_ROAD\_AUTOMOBILE to RST\_TOLL\_ROAD\_AUTOMOBILES
  3. FT/TF\_RST\_TRUCK\_SPEED\_LIMIT – Long(4) to Short(2)
- v. **Streets** attributes
  1. Added: FT/TF\_TruckSpeedLimit
  2. KPH – Long(4) to Short(2)
  3. FT/TF\_AverageSpeed – Double(8) to Float(4)
  4. JurisdictionalTruckSpeed – Long(4) to Short(2)
  5. F/T\_RCAT25\_48 – Long(4) to Short(2)
  6. FT/TF\_TruckKPH – Double(8) to Float(4)

##### **Polygon Feature Classes**

- vi. No changes

##### **Tables**

- vii. **POIContact** attributes
 

Added: E164

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

**6) Locator Changes:**

- a. Locator 7-zip files on My Esri download page or shipped media now contain all locator files/all extensions. Esri Customer Service will no longer email a separate .zip file containing the locator files with \*.loc extensions.
- b. New locators based on HERE Q2 2018 vintage added:
  - i. ARG.loc
  - ii. BHS.loc
  - iii. BLM.loc
  - iv. BRA.loc
  - v. CHL.loc
  - vi. COL.loc
  - vii. CRI.loc
  - viii. CYM.loc
  - ix. GLP.loc
  - x. GUF.loc
  - xi. LatinAmerica.loc
  - xii. MTQ.loc
  - xiii. PAN.loc
  - xiv. PER.loc
  - xv. URY.loc
  - xvi. VEN.loc

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

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

- a. Added 'TruckMinutes' impedance/cost attribute. The calculation logic of the 'TruckTravelTime' impedance has been moved to the 'TruckMinutes' impedance.

With this 2018 SMP release and using ArcGIS 10.6 or later, when a start time is specified, the new calculation logic of the 'TruckTravelTime' impedance uses a

combination of historic traffic information and jurisdictional truck speed limits to give more realistic travel times. If a start time is not specified, the 'TruckTravelTime' impedance will fall back to the 'TruckMinutes' impedance logic.

With previous 2017 SMP releases and/or using ArcGIS 10.5.1 or earlier, when a start time is specified, the 'TruckTravelTime' uses the historic traffic information for automobiles, which is less realistic. In this case it is recommended to use the 'TruckMinutes' impedance instead. If a start time is not specified, the 'TruckTravelTime' impedance will fall back to the 'TruckMinutes' impedance logic.

- b. Added 'Vehicle Maximum Speed (km/h)' parameter to 'TravelTime' and 'TruckTravelTime' cost attributes that allows for manually setting a maximum speed limit for vehicles.

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

**8) Deprecations:**

None