

State of Tennessee How to access TNMap ArcGIS Services And Locators

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Provided by: STS GIS Services



How to access TNMap Services via ArcGIS Pro

Accessing the ArcGIS Server

1. Copy the URL for ArcGIS REST Services. <u>https://tnmap.tn.gov/arcgis/rest/services</u>

2. In ArcGIS Pro, open the Catalog Pane. Right click on the lower portion and select **New ArcGIS Server Connection**.



3. When the tool opens, paste the URL in the Server URL box.



4. This adds all the services to the project.

TN Department of Finance & Strategic Administration Technology Solutions

5. If you want the connection to be available in every new project, right click the connection in Catalog and select **Add to New Projects**.



6. To add one of the Locators to your project, open the folder within the tnmap server connection, right click on the appropriate locator, and select **Add To Project**. The locator service can now be used to locate a single address or geocode a table of addresses. ****Be sure you have the most recent version of ArcGIS Pro.** Some older versions cannot use the REST service locators.******

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ADMINISTRATIVE_BOUNDARIES	
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How to access TNMap WMS services via the web

(Useful in some non-ESRI GIS and CAD Software)

- 1. Using a web browser, navigate to the <u>http://tnmap.tn.gov</u> address.
- 2. Select **GIS Data** from the Center menu.



3. Select GIS Data Connect | TNMap REST Services Directory from the center menu.





4. On the REST Services page, select a folder link to the desired services.

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C n thmap.th.gov/arcgis/rest/services	<u>ک</u>
ArcGIS REST Services Directory	<u>Loain Get Token</u>
Home > services	Help API Reference

JSON | SOAP

Folder: /

Current Version: 10.11

View Footprints In: ArcGIS.com Map

Folders:

- ADMINISTRATIVE BOUNDARIES
- BASEMAPS
 COMMUNITY
- ENVIRONMENTAL
- HEALTH
- HISTORICAL
- HISTORICAL IMAGERY BASEMAPS
 LOCATORS
- PUBLIC SAFETY
- TRANSPORTATION
- Utilities
 UTILITY_INFRASTRUCTURE

Services:

None

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ArcGIS REST Services Directory	Login <u>Get Token</u>
Home > services > BASEMAPS	Help API Reference
JSON SOAP	
Folder: BASEMAPS	
Current Version: 10.11	
View Footprints In: ArcGIS.com Map	
Services:	
BASEMAPS/ATLAS (MapServer)	
BASEMAPS/IMAGERY_OVERLAY (MapServer)	
BASEMAPS/IMAGERY_WEB_MERCATOR (MapServer)	
BASEMAPS/IMAGERY (MapServer)	
 <u>BASEMAPS/USGS_TOPO</u> (MapServer) 	
Supported Interfaces: REST_SOAP_Sitemap_Geo_Sitemap	

- 5. Right-Click the **WMS** link near the top of the page.
- 6. Select Copy Link Address and paste into target software.



JSON | SOAP | WMS | WMTS

BASEMAPS/IMAGERY (MapServer)

View In: ArcGIS JavaScript ArcGIS.com Map Google Earth ArcMap ArcGIS Explorer

View Footprint In: ArcGIS.com Map

Service Description: Agency: TN Department of Transportation. Description: This map servi satellite imagery, imagery from the National Agriculture Imagery Program (NAIP), black and v (1997-2006), and color imagery from TDOT (2008-present). The color imagery is updated on available. Projection: TN State Plane NAD83 Feet.