



Metro Orlando Licensing Packet | September 2021

xGeographic

Wave GIS Suite

The Wave suite is currently available for Orange, Osceola and Seminole County, Florida. The Wave suite consists of a series of GIS files that can be used by Wave users. These files have been created using a methodology consisting of a series of geoprocessing and coding steps that update the database with updates to baseline input data.

Wave Roadway Segment Polyline GIS File

The Wave Polyline GIS shapefile consists of approximately 180,000 roadway segments and includes the fields detailed in section 03. Fields include roadway features, proximity features, and algorithmic outputs that use Wave software.

Wave Point of Interest Point GIS File

The Point of Interest Point GIS file contains 57 point of interest types, with a total of approximately 21,500 points of interest. This database can be queried for custom analysis.

Wave Park Polygon GIS File

The Park Polygon GIS file contains approximately 1,600 public parks and homeowner's association parks. These park types are differentiated within the TYPE field.

Wave Smart Parcel Polygon GIS Files (3)

The Smart Parcel Polygon GIS files contain critical parcel information as well as data cross-references with the Wave polyline file.

Wave Trails and Paths Polyline GIS File

The Trails and Paths Polyline GIS file contains trails and off-network paths within the metro area. The type field differentiates trails from paths.

Wave Barrier Polygon GIS Files (4)

Four barrier files are included so that Wave users can run Euclidean distance functions using the points of interest in ArcGIS. These barriers include 1) automobile travel area, 2) bike-ped travel area, 3) custom park barrier, and 4) as-the-crow-flies (water-excluded) barrier.

Wave MXD File Containing Symbolized Data

An ArcGIS MXD has been prepared with all layers included in the Wave database, as well as customized symbology for easy map-making.

ArcGIS Pro Project File Containing Symbolized Data

An ArcGIS Pro map document containing pre-formatted maps of all layers included in MXD.

Simulation Tools

Five tools are usable in ArcGIS Desktop and ArcGIS Pro.

xGeographic Wave Pricing and Data Usage

ANNUAL LICENSE COST

xGeographic Wave (shortened to “Wave” in this document) is provided to end users on an annual, licensed basis. There are four pricing categories for the software, and they are included below. All of the licenses described below include the Wave Suite files located in section 01.

Organization Type	Annual Licensing Cost	Expansion Cost
For-Profit Companies, Academia	\$15,000	N/A
Federal and State Government Agencies	\$15,000	N/A
Regional Agencies	\$12,500	N/A
Counties	\$12,500	N/A
Municipalities, Population > 100,000	\$12,500	N/A
Municipalities, Population < 100,000	\$9,750	N/A
Wave Expansion to Other Geographies**	N/A	\$0.15 per resident of expansion area Min. 500k population

**Perpetual Data License for Purchasing Organization

20 HOURS OF ANNUAL TECHNICAL SERVICES

All organizations and companies that license the software/database are also provided 20 hours of technical assistance by xGeographic to integrate Wave and discuss/work on any existing projects. These 20 hours can be used for general consulting, Wave integration into existing workflows, and project-specific insights that can be identified using Wave on day one.

DATA USAGE AND SHARING AGREEMENT

Please contact PJ Smith of xGeographic at pjsmith@xgeographic.com or 407-496-5463 for the complete licensing agreement.

DATA DELIVERY

The Wave data will be provided to users on an external hard drive beginning on May 1, 2021. The data can then be loaded into the organization’s intranet for use. xGeographic has a Florida state-certified seller’s permit, effective October 2020.

Contact Information

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