



Metro Orlando Licensing Packet

xGeographic

Wave GIS Geodatabase

The Wave geodatabase is currently available for Orange, Osceola and Seminole County, Florida. Wave 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 steps that update the database with updates to baseline input data.

[Wave Roadway Segment Polyline GIS File](#)

The Wave roadway polyline GIS shapefile consists of approximately 200,000 roadways. Fields include roadway features, proximity features, demographic overlays and algorithmic scores.

[Wave Point of Interest Point GIS File](#)

The point of interest point GIS file contains more than 15 point of interest types, with more than 15,000 points. This database can be queried for custom analysis.

[Wave Park Polygon GIS File](#)

The park polygon GIS file contains more than 2,000 public parks and homeowner's association parks. These park types are differentiated within the TYPE field.

[Parcel Polygon GIS Files](#)

The parcel GIS files contain critical parcel information as well as data cross-references with the Wave polyline file and other disparate datasets.

[Wave Trails and Paths Polyline GIS File](#)

The trails and paths polyline GIS file contains trails, 8-foot-plus wide sidewalks, and planned/funded trails within the Orlando Metropolitan Area. The TYPE field within the trails file differentiates typologies.

[Wave Bike Lanes Polyline GIS File](#)

The bike lanes polyline GIS file contains bike lanes and paved shoulders four feet in width or greater.

[Transit Stops Point GIS File](#)

The transit stop file uses LYNX and SunRail data points and imbeds all Wave fields into the data.

[Wave Barrier Polygon GIS Files \(5\)](#)

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) park barrier, 4) school barrier, and 5) as-the-crow-flies (water-excluded) barrier.

[Input Files](#)

Input files include bike/ped crash locations, brownfields, CRA's, census block groups, county boundaries, DRI's, flood zones, municipalities, opportunity zones, TAZ's, Transportation Disadvantaged Areas, SunRail, water bodies, wetlands, and zip codes.

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, and is provided in ArcGIS format. Usage of the database is limited to all direct employees of the purchasing organization.

Annual Licensing Cost: \$7,500

Expansion Cost: \$0.50 x population of expansion area

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 or through the cloud. 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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