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xGeographic

Metro Orlando Licensing Packet | July 2022

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 roadway 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 2,300 public parks and homeowner's association parks. These park types are differentiated within the TYPE field.

Jade Parcel Polygon GIS Files (3)

The Jade 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, 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.

Jade 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 from 2012-2021, census block groups, county boundaries, flood zones, opportunity zones, TAZ's, SunRail, water bodies, wetlands, and zip codes.

ArcGIS Pro Project File Containing Symbolized Data

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

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.

Organization Type	Annual Licensing Cost	Expansion Cost
For-Profit Companies	$12,000	N/A
Federal and State Government Agencies	$12,000	N/A
Regional Agencies	$12,000	N/A
Academia	$12,000	N/A
Counties	$12,000	N/A
Municipalities, Population > 100,000	$12,000	N/A
Municipalities, Population < 100,000	$8,000	N/A
Wave Expansion to Other Geographies**	N/A	$0.25 per resident of expansion area
**Perpetual Data License for Purchasing Organization		Min. 500k population

10 HOURS OF ANNUAL TECHNICAL SERVICES

All organizations and companies that license the software/database are also provided 10 hours of technical assistance by xGeographic to integrate Wave and discuss/work on any existing projects.

ONLINE MAP ACCESS

Starting in June 2022, xGeographic offers password-protected online maps to Wave users.

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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