

Lake County, Ohio Centerline Project

The following report contains statistics pertaining to the centerline project that was completed, with explanations and descriptions for the shapefiles delivered by DDTI to Lake County.

Data Collection Statistics

DDTI collected 1553.15 miles of road centerlines for the Lake County Project. Of the total miles of road centerlines there were...

Jurisdiction	3-Dimensional Mileage in County	3-Dimensional Mileage out of County
All Jurisdictions	1507.16 miles	45.98 miles
Private	158.29 miles	0.42 miles
Municipal	645.75 miles	6.32 miles
Township	220.49 miles	3.70 miles
County	157.34 miles	5.83 miles
State (All Types)	320.44 miles	29.71 miles
State (State Routes)	167.71 miles	1.91 miles
State (US Highways)	40.78 miles	0.57 miles
State (Interstates)	68.36 miles	24.13 miles
State (Ramps)	35.54 miles	3.11 miles
State (State Park Roads)	8.05 miles	0.00 miles
Bike	4.86 miles	0.00 miles

DDTI collected 101348 address locations for the Lake County Project. Of the 101348 addresses there were...

- 74343 Single Family Houses
- 3378 Duplexes
- 1989 Trailers (Manufactured Homes)
- 12102 Apartments (single unit suggesting a 1 to 1 relationship)
- 38 Addressable Secondary Structures
- 175 Utility Structures (cell towers, water towers, electric substations, etc)
- 8201 Commercial Structures (churches, schools, businesses, etc)
- 50 Addresses w/ no visible structure
- 1072 Apartments (Multiple units suggesting a 1 to many relationship, with one address and unique suffixes)

Unknown Address Breakdown

Type Of Structure	# of Unknown Addresses	Percentage of the Structure Type
All Structures	871	0.86%
Single Family Houses	230	0.31%
Duplexes	141	4.17%
Trailers	6	0.30%
Single Unit Apartments	94	0.78%
Secondaries	0	0.00%
Utilities	104	59.43%
Commercials	287	3.50%
Address without Structure	0	0.00%
Multi Unit Apt (unique suf)	9	0.84%

In addition to these addresses, DDTI also collected the following geo-located features for Lake County.

- 8 Alley Intersections
- 126 Bad Sign Points
- 223 Boundary Points
- 1345 Bridges and Culverts
- 77 Flashing Signals
- 100 Gates
- 133388 GPS Points with attached X, Y, and Z locations
- 13644 Hydrants
- 22428 Intersections
- 6668 Landmark Points with descriptions
- 399 Milepost signs and their milepost value
- 1117 MXAddresses
- 395 MX Notes to flag multiple houses sharing a driveway
- 49 Navigational Aids to help with routing
- 200 Overpasses
- 121 Railroad Crossings
- 136 School Zone Points
- 4041 Speed Limit Signs and their value
- 5344 Stop Signs
- 707 Traffic Signals
- 154 Turnarounds
- 227 Underpasses
- 110 Yield Signs

The delivery CD contains shapefiles for all the features collected as well as the centerlines. The shapefiles are all named for the features that they represent and the projection that they are in. For example, the addresses shapefile is named addresses_ft.shp. All files are projected in U.S. State Plane 1983, Ohio Northern Zone, NAD 83, Feet.