

## Athens 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 Athens County.

### Data Collection Statistics

DDTI collected 1437.14 miles of road centerlines for the Athens County Project. Of the total miles of road centerlines there were...

<b>Jurisdiction</b>	<b>3-Dimensional Mileage in County</b>	<b>3-Dimensional Mileage out of County</b>
All Jurisdictions	1364.19 miles	72.95 miles
Private	40.91 miles	0.08 miles
Municipal	130.60 miles	0.50 miles
Township	514.04 miles	30.82 miles
County	368.43 miles	20.06 miles
Bike Routes	21.24 miles	0.00 miles
State (All Types)	285.92 miles	21.19 miles
State (State Routes)	152.44 miles	14.64 miles
State (US Highways)	113.27 miles	6.55 miles
State (Interstates)	0.00 miles	0.00 miles
State (Ramps)	11.86 miles	0.00 miles
State (State Park Roads)	8.36 miles	0.00 miles
Federal	3.04 miles	0.30 miles

DDTI collected 27185 address locations for the Athens County Project. Of the 27185 addresses there were...

- 16211 Single Family Houses
- 1202 Duplexes
- 3507 Trailers (Manufactured Homes)
- 3378 Apartments (single unit suggesting a 1 to 1 relationship)
- 49 Addressable Secondary Structures
- 142 Utility Structures (cell towers, water towers, electric substations, etc)
- 1972 Commercial Structures (churches, schools, businesses, etc)
- 60 Addresses w/ no visible structure
- 287 Apartments (Multiple units suggesting a 1 to many relationship, with one address and unique suffixes)
- 287 Campground Lots
- 90 Apartments (Multiple units suggesting a 1 to many relationship, with unique addresses)

### Unknown Address Breakdown

<b>Type Of Structure</b>	<b># of Unknown Addresses</b>	<b>Percentage of the Structure Type</b>
All Structures	1420	5.22%
Single Family Houses	580	3.58%
Duplexes	68	5.66%
Trailers	356	10.15%
Single Unit Apartments	65	1.92%
Secondaries	23	46.94%
Utilities	109	76.76%
Commercials	210	10.65%
Address without Structure	0	0.00%
Multi Unit Apt (unique suf)	9	3.14%
Multi Unit Apt (unique add)	0	0.00%
Camp Ground Lots	0	0.00%

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

- 263 Alley Intersections
- 224 Bad Sign Points
- 187 Boundary Points
- 4270 Bridges and Culverts
- 6 Flashing Signals and associated control types
- 92 Gates
- 151940 GPS Points with attached X, Y, and Z locations
- 1395 Hydrants
- 10918 Intersections
- 2190 Landmark Points with descriptions
- 272 Milepost signs and their milepost value
- 29 Navigational Aids to help with routing
- 444 MX Notes to flag multiple houses sharing a driveway
- 88 Overpasses
- 43 Railroad Crossings and associated control types
- 21 School Zone Points
- 737 Speed Limit Signs and their value
- 2190 Stop Signs
- 151 Traffic Signals
- 42 Turnarounds
- 92 Underpasses
- 64 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 Southern Zone, NAD 83, U.S. Survey Feet.