Shapefile Metadata

Table of Contents:

Quick Reference Guide For DDTI Abbreviations

1. **Address Side of Road**:
   0 = Left
   1 = Right

2. **Address Type**:
   1 = House
   2 = Duplex
   3 = Trailer
   4 = Apartment (single unit suggesting a 1 to 1 relationship)
   5 = Secondary
   6 = Utility
   7 = Commercial
   8 = Address w/ no visible structure
   9 = Apartment (multiple units suggesting a 1 to many relationship, with one address and unique suffixes)
   10 = Campground lot
   12 = Apartment (multiple units suggesting a 1 to many relationship, with unique addresses)
   14 = Points for Review

3. **Flashing Signal Type**:
   1 = Yellow
   2 = Red

4. **Milepost Sign Type**:
   0 = County mileage
   1 = State mileage

5. **Railroad Control Type**:
   0 = No control
   1 = Sign only
   2 = Lights and signs
   3 = Lights, signs, and gate

6. **Pavement Type**:
   P = Paved
   U = Unpaved

7. **Source**:
   0 = Field verified
   1 = Not Field Verified
   2 = Client Supplied

8. **Road Type**:
   A = Alley
   B = Bike Path
   T = Township
   C = County
   S = State Route
   I = Interstate
   R = Ramp
   P = Private
   U = US Highway
   N = State Park Roads
   F = Federal Park Roads

8. **QC Flag:** The QC flag field marks addresses that are out of range or odd/even on wrong side, determined by field crew.
   Error codes:
   0 = No error
   1 = Out of range or odd/even on wrong side, determined by field crew

Addresses

The Addresses layer contains all addressable structures. This layer contains a point-based geometry. Each point represents one address, which is typically located at the structure's driveway. This layer can be used to find accurate address locations without resorting to lower accuracy methods such as geocoding.

The Addresses layer is stored in the following shapefile:

Addresses_ft.shp	US Feet

The Addresses shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the address is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
HOUSENUM	Numeric	Address house number
UNITNUM	Text	Address house/lot/unit number
HNRANGE	Text	One entrance for multiple addresses
UNITEXTRA	Text	Additional address information: Building, Floor or Other
BUILDING	Text	Building number extracted from Unitextra field
FLOOR	Text	Floor number extracted from Unitextra field
ST_PREFIX	Text	Address street name prefix
ST_NAME	Text	Address street name
ST_TYPE	Text	Address street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Address street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the address is located in
ALTPREFIX	Text	Alternate address street name prefix
ALTNAME	Text	Alternate address street name
ALTTYPE	Text	Alternate address street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate address street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’

Field Name	Data Type	Description
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
SIDE	Numeric	*Reserved*
ABSSIDE	Text	Side of the road: N, E, S, or W
STRUC_TYPE	Numeric	Type of structure ‘1’ – House ‘2’ – Duplex ‘3’ – Trailer ‘4’ – Single apartment ‘5’ – Secondary structure ‘6’ – Utility ‘7’ – Commercial ‘8’ – Address with no visible structure ‘9’ – Multiple unit apartments with unique suffixes ‘10’ – Campground lot ‘12’ – Multiple unit apartments with unique addresses ‘14’ – Points for Review
SOURCE	Numeric	Address data collection source ‘0’ – Field verified ‘1’ – Not Field verified ‘2’ – Client Supplied
INVERSE	Text	*Reserved*
COMMENT	Text	Field comment about the structure ‘AH’ – Abandoned House ‘UC’ – Under Construction
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of address in map units

Field Name	Data Type	Description
DGPSY	Numeric	GPS Y coordinate of address in map units
DGPSZ	Numeric	GPS Z elevation of address in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ - Worst
FIELDNOTE	Text	Field notes recorded by GPS field technicians
DATE	Text	Date/time GPS was collected for this address
GPSSECOND	Numeric	GPS second when address was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Full address
ALSN	Text	Alternate full address
LHN	Text	Contains house number and unit number. Used for display in AccuGlobe E-911
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
QUAD	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW) used for the address grid

Field Name	Data Type	Description
ZIPCODE	Text	USPS zip code
USPS_CITY	Text	USPS city based on zip code
QCFLAG	Numeric	See Quick Reference Guide
ARCHAIN	Numeric	*Reserved*
ARORDER	Numeric	*Reserved*
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point
FIPSCODE	Text	Federal Information Processing Standards Code
COMM	Text	Community name used to match the ALI (Automatic Location Identification) with the GIS

Address Markers

The Address Markers layer contains selected addresses suitable for use as reference points to improve geocoding in Accuglobe E-911.

The Address Markers layer is stored in the following shapefile:

AddressMarkers_ft.shp	US Feet

The Address Markers shapefile contains the following attribute data:

Field Name	Data Type	Description
X	Numeric	*Reserved*
Y	Numeric	*Reserved*
SEGID	Numeric	*Reserved*
SIDE	Text	*Reserved*
PT_DIST	Numeric	*Reserved*
HOUSENUM	Numeric	*Reserved*

Alley Intersections

The Alley Intersections layer contains the location of all alley intersections with normal roads. This layer contains a point-based geometry. Each point represents a single intersection.

The alley intersections layer is stored in the following shapefile:

AlleyInt_ft.shp	US Feet

The Alley Intersections shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the alley intersection is on, where appropriate. For example, Interstate 75 would have a road Number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Alley intersection street name prefix

Field Name	Data Type	Description
ST_NAME	Text	Alley intersection street name
ST_TYPE	Text	Alley intersection street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Alley intersection street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the alley intersection is located in
ALTPREFIX	Text	Alternate alley intersection street name prefix
ALTNAME	Text	Alternate alley intersection street name
ALTTYPE	Text	Alternate alley intersection street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate alley intersection street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of alley intersection in map units
DGPSY	Numeric	GPS Y coordinate of alley intersection in map units
DGPSZ	Numeric	GPS Z elevation of alley intersection in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this alley intersection
GPSSECOND	Numeric	GPS second when alley intersection was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name alley intersection is on
ALSN	Text	Alternate long street name alley intersection is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from the beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Bad Signs

The Bad Sign layer contains locations where a street sign is missing or problematic. This layer contains a point-based geometry. Each point represents a single sign.

The Bad Signs layer is stored in the following shapefile:

BadSigns_ft.shp	US Feet

The Bad Signs shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
DESCRIPTIO	Text	Description of sign. 'NO SIGN' = Missing sign 'BAD SIGN' = Something is wrong with the sign
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the bad sign is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Bad sign street name prefix
ST_NAME	Text	Bad sign street name
ST_TYPE	Text	Bad sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Bad sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the bad sign is located in
ALTPREFIX	Text	Alternate bad sign street name prefix
ALTNAME	Text	Alternate bad sign street name
ALTTYPE	Text	Alternate bad sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate bad sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection

Field Name	Data Type	Description
DGPSX	Numeric	GPS X coordinate of bad sign in map units
DGPSY	Numeric	GPS Y coordinate of bad sign in map units
DGPSZ	Numeric	GPS Z elevation of bad sign in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this bad sign
GPSSECOND	Numeric	GPS second when bad sign was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name bad sign is on
ALSN	Text	Alternate long street name bad sign is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if Available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set

Field Name	Data Type	Description
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Boundaries

The Boundaries layer contains the location of signs representing county, township, municipal, and unincorporated boundaries that intersect with the road layer. This layer contains a point-based geometry. Each point represents a single boundary.

The Boundaries layer is stored in the following shapefile:

Boundaries_ft.shp	US Feet

The Boundaries shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
COMMENT	Text	Description of the boundary
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the boundary is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
ST_PREFIX	Text	Boundary street name prefix
ST_NAME	Text	Boundary street name
ST_TYPE	Text	Boundary street type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Boundary street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate boundary street name prefix
ALTNAME	Text	Alternate boundary street name
ALTTYPE	Text	Alternate boundary street name type, such as ‘RD’, ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of boundary in map units
DGPSY	Numeric	GPS Y coordinate of boundary in map units
DGPSZ	Numeric	GPS Z elevation of boundary in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor '1' – Best '6' – Worst
DATE	Text	Date/time GPS was collected for this boundary
GPSSECOND	Numeric	GPS second when boundary was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name boundary is on
ALSN	Text	Alternate long street name boundary is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Bridges And Culverts

The Bridges and Culverts layer contains all visible bridges and culverts. This layer contains a point-based geometry. Each point represents a single bridge or culvert. For long bridges, the point represents the center of the span.

The Bridges and Culverts layer is stored in the following shapefile:

BridgesCulverts_ft.shp	US Feet

The Bridges and Culverts shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the bridges and culverts are on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Bridge street name prefix

Field Name	Data Type	Description
ST_NAME	Text	Bridge street name
ST_TYPE	Text	Bridge street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Bridge street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the bridge is located in
ALTPREFIX	Text	Alternate bridge street name prefix
ALTNAME	Text	Alternate bridge street name
ALTTYPE	Text	Alternate bridge street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate bridge street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of bridge in map units
DGPSY	Numeric	GPS Y coordinate of bridge in map units
DGPSZ	Numeric	GPS Z elevation of bridge in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor '1' – Best '6' – Worst
DATE	Text	Date/time GPS was collected for this bridge
GPSSECOND	Numeric	GPS second when bridge was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name bridge is on
ALSN	Text	Alternate long street name bridge is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Flashing Signals

The Flashing Signals layer contains all visible flashing traffic control devices. This layer contains a point-based geometry. Each point represents a single flashing signal.

The Flashing Signals layer is stored in the following shapefile:

FlashingSignals_ft.shp	US Feet

The Flashing Signals shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
SIG_TYPE	Numeric	Type of signal ‘1’ – Yellow ‘2’ - Red
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on ‘P’ – Private ‘B’ – Bike Path ‘M’ – Municipal ‘T’ – Township ‘C’ – County ‘U’ – US Highway ‘S’ – State Route ‘I’ – Interstate ‘R’ – Ramp ‘N’ – State Park Roads ‘F’– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the flashing signal is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Signal street name prefix
ST_NAME	Text	Signal street name
ST_TYPE	Text	Signal street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Signal street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the signal is located in
ALTPREFIX	Text	Alternate signal street name prefix
ALTNAME	Text	Alternate signal street name
ALTTYPE	Text	Alternate signal street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate signal street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection

Field Name	Data Type	Description
DGPSX	Numeric	GPS X coordinate of signal in map units
DGPSY	Numeric	GPS Y coordinate of signal in map units
DGPSZ	Numeric	GPS Z elevation of signal in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this signal
GPSSECOND	Numeric	GPS second when signal was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name signal is on
ALSN	Text	Alternate long street name signal is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set

Field Name	Data Type	Description
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Gates

The Gates layer contains all gates that impede routing. This layer contains a point-based geometry. Each point represents a single gate.

The Gates layer is stored in the following shapefile:

Gates_ft.shp	US Feet

The Gates shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
COMMENT	Text	Type of gate 'Keypad'-Combination required No comment - All other types
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the gate is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
ST_PREFIX	Text	Gate street name prefix
ST_NAME	Text	Gate street name
ST_TYPE	Text	Gate street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Gate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the gate is located in
ALTPREFIX	Text	Alternate gate street name prefix
ALTNAME	Text	Alternate gate street name
ALTTYPE	Text	Alternate gate street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate gate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of gate in map units
DGPSY	Numeric	GPS Y coordinate of gate in map units
DGPSZ	Numeric	GPS Z elevation of gate in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this gate
GPSSECOND	Numeric	GPS second when gate was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name gate is on
ALSN	Text	Alternate long street name gate is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

GPS Points

The GPS Points layer contains a 5-meter sample of GPS points used in the collection of this dataset. This layer contains a point-based geometry. Each point represents a single GPS point.

The GPS Points layer is stored in the following shapefile:

GPSpoints_ft.shp	US Feet

The GPS Points shapefile contains the following attribute data:

Field Name	Data Type	Description
POINTID	Numeric	*Reserved*
CLPROCESSI	Numeric	*Reserved*
ROADID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the GPS points are on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
DATESURVEY	Text	Date/time of GPS Collection
VANID	Numeric	*Reserved*

Field Name	Data Type	Description
SESSIONID	Numeric	*Reserved*
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of GPS point in map units
DGPSY	Numeric	GPS Y coordinate of GPS point in map units
DGPSZ	Numeric	GPS Z elevation of GPS point in map units
ELEVATION	Numeric	Elevation of point in feet
DGPSQUALIT	Numeric	GPS quality factor
PROJECTEDX	Numeric	Projected GPS X coordinate of GPS point in map units
PROJECTEDY	Numeric	Projected GPS Y coordinate of GPS point in map units
PROJECTEDZ	Numeric	Projected GPS Z elevation of GPS point in map units
POINTTYPE	Numeric	‘2’ – Unshifted ‘3’ – Shifted
GPSSECONDS	Numeric	GPS second when point was collected
TANGENT	Numeric	Reserved
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available

Hydrants

The Hydrants layer contains locations of hydrants. This layer contains a point-based geometry. Each point represents a single hydrant.

The Hydrants layer is stored in the following shapefile:

Hydrants_ft.shp	US Feet

The Hydrants shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the hydrant is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Hydrant street name prefix
ST_NAME	Text	Hydrant street name

Field Name	Data Type	Description
ST_TYPE	Text	Hydrant street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Hydrant street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the hydrant is located in
ALTPREFIX	Text	Alternate hydrant street name prefix
ALTNAME	Text	Alternate hydrant street name
ALTTYPE	Text	Alternate hydrant street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate hydrant street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
SIDE	Numeric	Side of the road: ‘0’- Left ‘1’- Right
INVERSE	Numeric	*Reserved*
TYPE	Text	Type of hydrant: ‘1’- Typical ‘2’- Pond/dry
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of hydrant in map units

Field Name	Data Type	Description
DGPSY	Numeric	GPS Y coordinate of hydrant in map units
DGPSZ	Numeric	GPS Z elevation of hydrant in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this hydrant
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name hydrant is on
ALSN	Text	Alternate long street name hydrant is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Intersections

The Intersections layer contains the location of intersections. This layer contains a point-based geometry. Each point represents a single end point of a road centerline segment.

The Intersections layer is stored in the following shapefile:

Intersections_ft.shp	US Feet

The Intersections shapefile contains the following attribute data:

Field Name	Data Type	Description
X	Numeric	GPS X coordinate of intersection in map units
Y	Numeric	GPS Y coordinate of intersection in map units
Z	Numeric	GPS Z elevation of intersection in map units
INTERSID	Numeric	Unique ID of intersection
SEGMENTID	Numeric	Unique ID of segment
TOVERTEX	Numeric	0 = begin node >0 = end node
RANK	Numeric	# of segments to or from a node
MILEPOSTCO	Numeric	*Reserved*
MILEPOSTVA	Numeric	Mile post value

Field Name	Data Type	Description
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Intersection is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Landmarks

The Landmarks layer contains the location of any significant feature near the road that may not have an address but could aid in the location of a wireless 911 call. Landmarks collected include parks, cemeteries, and other points of interest. This layer contains a point-based geometry. Each point represents a single landmark.

The Landmarks layer is stored in the following shapefile:

Landmarks_ft.shp	US Feet

The Landmarks shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Landmark is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
HOUSENUM	Numeric	Landmark house number
UNITNUM	Text	Landmark house/lot/unit number
HNRANGE	Text	One entrance for multiple addresses
UNITEXTRA	Text	Additional address information: Building, Floor or Other
BUILDING	Text	Building number extracted from Unitextra field
FLOOR	Text	Floor number extracted from Unitextra field
ST_PREFIX	Text	Landmark street name prefix
ST_NAME	Text	Landmark street name
ST_TYPE	Text	Landmark street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Landmark street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the landmark is located in
ALTPREFIX	Text	Alternate landmark street name prefix
ALTNAME	Text	Alternate landmark street name
ALTTYPE	Text	Alternate landmark street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate landmark street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’

Field Name	Data Type	Description
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
SIDE	Numeric	*Reserved*
ABSSIDE	Text	Side of the road: N, E, S, or W
STRUC_TYPE	Numeric	Type of structure ‘7’ – Commercial ‘11’ – Landmark
SOURCE	Numeric	Landmark data collection source ‘0’ – Field verified ‘1’ – Not Field verified ‘2’ – Client Supplied
INVERSE	Text	*Reserved*
COMMENT	Text	Field comment about the structure
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of landmark in map units
DGPSY	Numeric	GPS Y coordinate of landmark in map units
DGPSZ	Numeric	GPS Z elevation of landmark in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ - Worst
FIELDNOTE	Text	Field notes recorded by GPS field technicians
DATE	Text	Date/time GPS was collected for this landmark

Field Name	Data Type	Description
GPSSECOND	Numeric	GPS second when landmark was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Full address
ALSN	Text	Alternate full address
LHN	Text	Contains house number and unit number. Used for display in AccuGlobe E-911
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
QUAD	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW) used for the address grid
ZIPCODE	Numeric	USPS zip code
USPS_CITY	Text	USPS city based on zip code
QCFLAG	Numeric	See Quick Reference Guide
ARCHAIN	Numeric	*Reserved*
ARORDER	Numeric	*Reserved*
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set

Field Name	Data Type	Description
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point
FIPSCODE	Text	Federal Information Processing Standards Code
COMM	Text	Community name used to match the ALI (Automatic Location Identification) with the GIS
LANDMARK	Text	Name of the landmark plus its location

Mileposts

The Mileposts layer contains all visible milepost marker signs. This layer contains a point-based geometry. Each point represents a single milepost marker.

The Mileposts layer is stored in the following shapefile:

Mileposts_ft.shp	US Feet

The Mileposts shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
SIGNTYPE	Numeric	Milepost sign type '0' – County Mileage '1' – State Mileage
SIGNVAL	Numeric	Posted milepost value
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the milepost is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Milepost street name prefix
ST_NAME	Text	Milepost street name
ST_TYPE	Text	Milepost street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Milepost street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate milepost street name prefix
ALTNAME	Text	Alternate milepost street name
ALTTYPE	Text	Alternate milepost street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate milepost street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection

Field Name	Data Type	Description
DGPSX	Numeric	GPS X coordinate of milepost in map units
DGPSY	Numeric	GPS Y coordinate of milepost in map units
DGPSZ	Numeric	GPS Z elevation of milepost in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this milepost
GPSSECOND	Numeric	GPS second when milepost was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name milepost is on
ALSN	Text	Alternate long street name milepost is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set

Field Name	Data Type	Description
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Calculated milepost value for point

MXAddresses

The MXAddresses layer contains the locations of addressable structures down shared driveways. This layer contains a point-based geometry. Each point represents one address, which is typically located at the structure. This layer can be used to find accurate address locations without resorting to lower accuracy methods such as geocoding.

The MXAddresses layer is stored in the following shapefile:

MXAddresses_ft.shp	US Feet

The MXAddresses shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the MXAddress is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the MXAddress is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
HOUSENUM	Numeric	MXAddress house number
UNITNUM	Text	MXAddress house/lot/unit number
HNRANGE	Text	One entrance for multiple MXAddresses
UNITEXTRA	Text	Additional MXAddress Information: Building, Floor or Other
BUILDING	Text	Building number extracted from Unitextra field
FLOOR	Text	Floor number extracted from Unitextra field
ST_PREFIX	Text	MXAddress street name prefix
ST_NAME	Text	MXAddress street name
ST_TYPE	Text	MXAddress street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	MXAddress street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the MXaddress is located in
ALTPREFIX	Text	Alternate MXAddress street name prefix
ALTNAME	Text	Alternate MXAddress street name
ALTTYPE	Text	Alternate MXAddress street name type, such as ‘RD’, ‘ST’ or ‘BLVD’

Field Name	Data Type	Description
ALTSUFFIX	Text	Alternate MXAddress street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
SIDE	Numeric	*Reserved*
ABSSIDE	Text	Side of the road: N, E, S, or W
STRUC_TYPE	Numeric	Type of structure ‘13’ – Location of addresses at a MX Note
SOURCE	Numeric	MXAddress data collection source ‘0’ – Field verified ‘1’ – Not Field verified ‘2’ – Client Supplied
INVERSE	Text	*Reserved*
COMMENT	Text	Field comment about the structure ‘AH’ – Abandoned House ‘UC’ – Under Construction
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of MXAddress in map units
DGPSY	Numeric	GPS Y coordinate of MXAddress in map units
DGPSZ	Numeric	GPS Z coordinate of MXAddress in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ - Worst

Field Name	Data Type	Description
FIELDNOTE	Text	Field notes recorded by GPS field technicians
DATE	Text	Date/time GPS was collected for this MXAddress
GPSSECOND	Numeric	GPS second when MXAddress was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Full address
ALSN	Text	Alternate full address
LHN	Text	Contains house number and unit number. Used for display in AccuGlobe E-911
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
QUAD	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW) used for the address grid
ZIPCODE	Text	USPS zip code
USPS_CITY	Text	USPS city based on zip code
QCFLAG	Numeric	See Quick Reference Guide
ARCHAIN	Numeric	*Reserved*
ARORDER	Numeric	*Reserved*

Field Name	Data Type	Description
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point
FIPSCODE	Text	Federal Information Processing Standards Code
COMM	Text	Community name used to match the ALI (Automatic Location Identification) with the GIS

MX Notes

The MX Notes folder contains the shapefile, MX Notes. This layer contains a point-based geometry. The MX Notes locates areas where multiple addresses are in one location, not in front of individual structures, due to a shared driveway.

The Notes layer is stored in the following shapefile:

MXNotes_ft.shp	US Feet

The Notes shapefiles' contain the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NOTE	Text	Describes type of note and cardinal direction of the note. For MX notes it also describes how many structures are at this point. "MX 2 North" means there are 2 structures to the north.
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the Note is on, where appropriate. For example, Interstate 75 would have a road number of 75 and County Road 23 would have a road number of 23
ST_PREFIX	Text	Note street name prefix
ST_NAME	Text	Note street name
ST_TYPE	Text	Note street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Note street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate note street name prefix
ALTNAME	Text	Alternate note street name
ALTTYPE	Text	Alternate note street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate note street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of note in map units

Field Name	Data Type	Description
DGPSY	Numeric	GPS Y coordinate of note in map units
DGPSZ	Numeric	GPS Z elevation of note in map units
DGPSQUALIT	Numeric	GPS quality factor '1' – Best '6' – Worst
DATE	Text	Date/time GPS was collected for this note
GPSSECOND	Numeric	GPS second when note was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name note is on
ALSN	Text	Alternate long street name note is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Navigational Aids

The Navigational Aids layer contains information on field collected ramps. In cases where the ramp number and/or the city the ramp exits to are posted this information will be collected. This layer contains a point-based geometry. Each point represents a single freeway ramp.

The Navigational Aids layer is stored in the following shapefile:

NavigationalAids_ft.shp	US Feet

The Navigational Aids shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
COMMENT	Text	Ramp number and/or city exit information
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Route 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the navigational aid is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Navigational aid street name prefix
ST_NAME	Text	Navigational aid street name
ST_TYPE	Text	Navigational aid street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Navigational aid street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the navigational aid is located in
ALTPREFIX	Text	Alternate navigational aid street name prefix
ALTNAME	Text	Alternate navigational aid street name
ALTTYPE	Text	Alternate navigational aid street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate navigational aid street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name

Field Name	Data Type	Description
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of navigational aid in map units
DGPSY	Numeric	GPS Y coordinate of navigational aid in map units
DGPSZ	Numeric	GPS Z elevation of navigational aid in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this navigational aid
GPSSECOND	Numeric	GPS second when navigational aid was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name navigational aid is on
ALSN	Text	Alternate long street name navigational aid is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set

Field Name	Data Type	Description
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Overpass

The Overpass layer contains the location of all places where one road passes over another road. This layer contains a point-based geometry. Each point represents a single overpass.

The Overpass layer is stored in the following shapefile:

Overpass_ft.shp	US Feet

The Overpass shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Overpass is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Overpass street name prefix

Field Name	Data Type	Description
ST_NAME	Text	Overpass street name
ST_TYPE	Text	Overpass street name type
ST_SUFFIX	Text	Overpass street suffix
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate overpass street name prefix
ALTNAME	Text	Alternate overpass street name
ALTTYPE	Text	Alternate overpass street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate overpass street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of overpass in map units
DGPSY	Numeric	GPS Y coordinate of overpass in map units
DGPSZ	Numeric	GPS Z elevation of overpass in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this overpass
GPSSECOND	Numeric	GPS second when overpass was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name overpass is on
ALSN	Text	Alternate long street name overpass is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Railroad Crossings

The Railroad Crossings layer contains the location of all railway and street intersection points. This layer contains a point-based geometry. Each point represents a single track crossing. Multiple tracks are represented by multiple points.

The Railroad Crossings layer is stored in the following shapefile:

RailroadCrossings_ft.shp	US Feet

The Railroad Crossings shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
CONTROL	Numeric	Type of control at crossing '0' – No control '1' – Sign only '2' – Sign and signal '3' – Sign, signal, and gates
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads

Field Name	Data Type	Description
ROADNUMBER	Text	The number of the road the Railroad Crossing is on. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Crossing street name prefix
ST_NAME	Text	Crossing street name
ST_TYPE	Text	Crossing street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Crossing street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate crossing street name prefix
ALTNAME	Text	Alternate crossing street name
ALTTYPE	Text	Alternate crossing street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate crossing street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of crossing in map units

Field Name	Data Type	Description
DGPSY	Numeric	GPS Y coordinate of crossing in map units
DGPSZ	Numeric	GPS Z elevation of crossing in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this crossing
GPSSECOND	Numeric	GPS second when crossing was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name crossing is on
ALSN	Text	Alternate long street name crossing is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Field Name	Data Type	Description
CROSSING	Text	DOT ID of the crossing, which enables it to be linked to the DOT database

Road Centerlines

The Road Centerlines layer contains all streets regardless of road type. This layer is designed for both map display and for network routing. Address ranges for each segment may also be used for geocoding.

The RoadCenterlines layer is stored in the following shapefile:

RoadCenterlines_ft.shp	US Feet

The Road Centerlines shapefile contains the following attribute data:

Field Name	Data Type	Description
CLPROCID	Numeric	*Reserved*
CLNAMERDID	Numeric	*Reserved*
LNAMERDID	Numeric	*Reserved*
RNAMERDID	Numeric	*Reserved*
CLRTERDID	Numeric	*Reserved*
LRTERDID	Numeric	*Reserved*
RRTERDID	Numeric	*Reserved*
L_FIPS	Text	Federal Information Processing Standards Code on the left
R_FIPS	Text	Federal Information Processing Standards Code on the right

Field Name	Data Type	Description
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Centerline is on. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Primary street name prefix
ST_NAME	Text	Primary street name
ST_TYPE	Text	Primary street name type, such as 'RD', 'ST' or 'BLVD
ST_SUFFIX	Text	Primary street suffix, such as 'N', 'E', 'S' or 'W'
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
LMUNI	Text	City name on left side of centerline
RMUNI	Text	City name on right side of centerline
LADDMUNI	Text	City name on left side of the right of way
RADDMUNI	Text	City name on right side of the right of way

Field Name	Data Type	Description
ALTPREFIX	Text	Alternate street name prefix
ALTNAME	Text	Alternate street name
ALTTYPE	Text	Alternate street name type
ALTSUFFIX	Text	Alternate street suffix
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
FIELDNOTE	Text	Field notes recorded by GPS field technicians
DIR	Text	Direction of travel 'B' – Both 'T' – One-way from the To node 'F' – One-way from the From node
SPEEDLIMIT	Numeric	The posted speed limit for the segment
LANES	Numeric	Number of Lanes
DIV_CODE	Text	The divider type, if any '1' – Divided '0' – Not divided
RAMPCODE	Text	Indicates if link is a ramp 'Y' – Link is a ramp 'N' – Link is not a ramp
LSN	Text	Long street name
ALSN	Text	Alternate long street name

Field Name	Data Type	Description
PAVEMENT	Text	Pavement type 'P' – Paved 'U' - Unpaved
LEFTFROM	Numeric	Address range left side at the start node
LEFTTO	Numeric	Address range left side at the end node
RIGHTFROM	Numeric	Address range right side at the start node
RIGHTTO	Numeric	Address range right side at the end node
SEGLENGTH	Numeric	Length of link in map units
SEGID	Numeric	Unique ID of segment
SHIELD	Text	Shield description field
RSTATE	Text	State on right side
LSTATE	Text	State on left side
RCOUNTY	Text	County code on right side
LCOUNTY	Text	County code on left side
DOTMPBEG	Numeric	DOT milepost value for beginning of segment. If not found = -999
DOTMPEND	Numeric	DOT milepost value for end of segment. If not found = -999.
MPBEGIN	Numeric	Milepost value for beginning of segment
MPEND	Numeric	Milepost value for end of segment
LENGTH3D	Numeric	Length of segment in 3D in units of the shapefile

Field Name	Data Type	Description
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
LPREFIX	Text	The left street name prefix
LNAME	Text	The left street name
LTYPE	Text	Left street name type, such as ‘RD’, ‘ST’ or ‘BLVD
LSUFFIX	Text	The left street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
LSUFFIX2	Text	Populated with the left side Primary intercardinal directions (NE, SE, NW, & SW)
RPREFIX	Text	The right street name prefix
RNAME	Text	The right street name
RTYPE	Text	Right street name type, such as ‘RD’, ‘ST’ or ‘BLVD
RSUFFIX	Text	The right street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
RSUFFIX2	Text	Populated with the right side primary intercardinal directions (NE, SE, NW, & SW)
ARCHAIN	Numeric	*Reserved*
ARORDER	Numeric	*Reserved*
MPISLAND	Numeric	*Reserved*
MPCHAIN	Numeric	*Reserved*
MPORDER	Numeric	*Reserved*
ISLANDCOUN	Numeric	*Reserved*

Field Name	Data Type	Description
CHAINCOUNT	Numeric	*Reserved*
CARDINAL	Numeric	-9 = Out of county road that is used for routing purposes 0 = Non-cardinal direction 1 = Cardinal direction 2 = Digitized segment of road
L_TWP	Text	If township road, name of the township on the left side of the road
R_TWP	Text	If township road, name of the township on the right side of the road
TWP_CODE	Numeric	If township road, ODOT code of the township in which the road is located
JURISDICT	Text	Road designation for ODOT mileage totals
DISPLAY	Text	Road designation for proper symbology in GIS
LEFTZIP	Text	USPS zip code on left side of road
RIGHTZIP	Text	USPS zip code on right side of road
LUSPS_CITY	Text	USPS city based on zip code on left side of road
RUSPS_CITY	Text	USPS city based on zip code on right side of road
LCOMM	Text	Community name left of centerline used to match the ALI (Automatic Location Identification) with the GIS

Field Name	Data Type	Description
RCOMM	Text	Community name right of centerline used to match the ALI (Automatic Location Identification) with the GIS
CFCC_CODE	Text	(Census Feature Class Codes) Provide information on the classification of Road Centerlines according to the US Bureau of the Census made up of an uppercase letter and a two-digit number such as A00, A10

School Zones

The School Zones layer contains the location of all visible school zones indicated by signs or pavement markings. This layer contains a point-based geometry. Each point represents a single school zone marker.

The SchoolZone layer is stored in the following shapefile:

SchoolZones_ft.shp	US Feet

The School Zones shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the School Zone is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	School zone street name prefix

Field Name	Data Type	Description
ST_NAME	Text	School zone street name
ST_TYPE	Text	School zone street name type, such as ‘RD’, ‘ST’ or ‘BLVD
ST_SUFFIX	Text	School zone street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate school zone street name prefix
ALTNAME	Text	Alternate school zone street name
ALTTYPE	Text	Alternate school zone street name type, such as ‘RD’, ‘ST’ or ‘BLVD
ALTSUFFIX	Text	Alternate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of school zone in map units
DGPSY	Numeric	GPS Y coordinate of school zone in map units
DGPSZ	Numeric	GPS Z elevation of school zone in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this school zone
GPSSECOND	Numeric	GPS second when school zone was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name school zone is on
ALSN	Text	Alternate long street name school zone is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Speed Limits

The Speed Limits layer contains the location of all speed limit signage. This layer contains a point-based geometry. Each point represents a single speed limit sign.

The Speed Limits layer is stored in the following shapefile:

SpeedLimits_ft.shp	US Feet

The Speed Limits shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
SPEEDLIMIT	Numeric	Posted speed limit
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Speed sign is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23

Field Name	Data Type	Description
ST_PREFIX	Text	Speed sign street name prefix
ST_NAME	Text	Speed sign street name
ST_TYPE	Text	Speed sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Speed sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate speed sign street name prefix
ALTNAME	Text	Alternate speed sign street name
ALTTYPE	Text	Alternate speed sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of speed sign in map units
DGPSY	Numeric	GPS Y coordinate of speed sign in map units
DGPSZ	Numeric	GPS Z elevation of speed sign in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this speed sign
GPSSECOND	Numeric	GPS second when speed sign was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name speed sign is on
ALSN	Text	Alternate long street name speed sign is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Stop Signs

The Stop Signs layer contains the location of all stop signs. This layer contains a point-based geometry. Each point represents a single stop sign.

The Stop Signs layer is stored in the following shapefile:

StopSigns_ft.shp	US Feet

The Stop Signs shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Stop Sign is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Stop sign street name prefix
ST_NAME	Text	Stop sign street name

Field Name	Data Type	Description
ST_TYPE	Text	Stop sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Stop sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate street name prefix
ALTNAME	Text	Alternate stop sign street name
ALTTYPE	Text	Alternate stop sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate stop sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of stop sign in map units
DGPSY	Numeric	GPS Y coordinate of stop sign in map units
DGPSZ	Numeric	GPS Z elevation of stop sign in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst

Field Name	Data Type	Description
DATE	Text	Date/time GPS was collected for this stop sign
GPSSECOND	Numeric	GPS second when stop sign was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name stop sign is on
ALSN	Text	Alternate long street name stop sign is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Traffic Signals

The Traffic Signals layer contains the location of all traffic lights. This layer contains a point-based geometry. Each point represents a single traffic signal.

The Traffic Signals layer is stored in the following shapefile:

TrafficSignals_ft.shp	US Feet

The Traffic Signals shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Traffic Signal is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Traffic signal street name prefix
ST_NAME	Text	Traffic signal street name

Field Name	Data Type	Description
ST_TYPE	Text	Traffic signal street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Traffic signal street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name the traffic signal is located in
ALTPREFIX	Text	Alternate traffic signal street name prefix
ALTNAME	Text	Alternate street name
ALTTYPE	Text	Alternate traffic signal street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of traffic signal in map units
DGPSY	Numeric	GPS Y coordinate of traffic signal in map units
DGPSZ	Numeric	GPS Z elevation of traffic signal in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this traffic signal
GPSSECOND	Numeric	GPS second when traffic signal was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name traffic signal is on
ALSN	Text	Alternate long street name traffic signal is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Turnarounds

The Turnarounds layer contains the location of all turnarounds between two sections of divided roadway. This layer contains a point-based geometry. Each point represents a single turnaround.

The Turnarounds layer is stored in the following shapefile:

Turnarounds_ft.shp	US Feet

The Turnarounds shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Turnaround is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Turnaround street name prefix

Field Name	Data Type	Description
ST_NAME	Text	Turnaround street name
ST_TYPE	Text	Turnaround street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Turnaround street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate turnaround street name prefix
ALTNAME	Text	Alternate turnaround street name
ALTTYPE	Text	Alternate turnaround street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of turnaround in map units
DGPSY	Numeric	GPS Y coordinate of turnaround in map units
DGPSZ	Numeric	GPS Z elevation of turnaround in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this turnaround
GPSSECOND	Numeric	GPS second when turnaround was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name turnaround is on
ALSN	Text	Alternate long street name turnaround is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Underpass

The Underpass layer contains the location of all places where one road passes under another road. This layer contains a point-based geometry. Each point represents a single underpass.

The Underpass layer is stored in the following shapefile:

Underpass_ft.shp	US Feet

The Underpass shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Underpass is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Underpass street name prefix

Field Name	Data Type	Description
ST_NAME	Text	Underpass street name
ST_TYPE	Text	Underpass street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Underpass street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate underpass street name prefix
ALTNAME	Text	Alternate underpass street name
ALTTYPE	Text	Alternate underpass street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate underpass street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of underpass in map units
DGPSY	Numeric	GPS Y coordinate of underpass in map units
DGPSZ	Numeric	GPS Z elevation of underpass in map units

Field Name	Data Type	Description
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst
DATE	Text	Date/time GPS was collected for this underpass
GPSSECOND	Numeric	GPS second when underpass was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name underpass is on
ALSN	Text	Alternate long street name underpass is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Yield Signs

The Yield Signs layer contains the location of all yield signs. This layer contains a point-based geometry. Each point represents a single yield sign.

The Yield Sign layer is stored in the following shapefile:

YieldSigns_ft.shp	US Feet

The Yield Signs shapefile contains the following attribute data:

Field Name	Data Type	Description
FEATUREID	Numeric	*Reserved*
RECORDTYPE	Numeric	*Reserved*
NAMEID	Numeric	*Reserved*
ROUTEID	Numeric	*Reserved*
ROADTYPE	Text	The type of road the address is on 'P' – Private 'B' – Bike Path 'M' – Municipal 'T' – Township 'C' – County 'U' – US Highway 'S' – State Route 'I' – Interstate 'R' – Ramp 'N' – State Park Roads 'F'– Federal Park Roads
ROADNUMBER	Text	The number of the road the Yield sign is on, where appropriate. For example, Interstate 75 would have a road number of 75, and County Road 23 would have a road number of 23
ST_PREFIX	Text	Yield sign street name prefix
ST_NAME	Text	Yield sign street name

Field Name	Data Type	Description
ST_TYPE	Text	Yield sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ST_SUFFIX	Text	Yield sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ST_SUFFIX2	Text	Populated with the primary intercardinal directions (NE, SE, NW, & SW)
MUNI	Text	City name
ALTPREFIX	Text	Alternate yield sign street name prefix
ALTNAME	Text	Alternate yield sign street name
ALTTYPE	Text	Alternate yield sign street name type, such as ‘RD’, ‘ST’ or ‘BLVD’
ALTSUFFIX	Text	Alternate yield sign street suffix, such as ‘N’, ‘E’, ‘S’ or ‘W’
ALTSUFFIX2	Text	Populated with the alternate intercardinal directions (NE, SE, NW, & SW)
SUBDIV	Text	Subdivision name, if available
VILLAGE	Text	Village name
COORDINATE	Numeric	ID of the projection
DGPSX	Numeric	GPS X coordinate of yield sign in map units
DGPSY	Numeric	GPS Y coordinate of yield sign in map units
DGPSZ	Numeric	GPS Z elevation of yield sign in map units
DGPSQUALIT	Numeric	GPS quality factor ‘1’ – Best ‘6’ – Worst

Field Name	Data Type	Description
DATE	Text	Date/time GPS was collected for this yield sign
GPSSECOND	Numeric	GPS second when yield sign was collected
VAN	Numeric	*Reserved*
SESSION	Numeric	*Reserved*
STATE	Text	2 letter postal code
COUNTY	Text	County code
LSN	Text	Long street name yield sign is on
ALSN	Text	Alternate long street name yield sign is on
NLFIDNEW	Text	New designation for road due to renumbering
NLFIDOLD	Text	Original ODOT designation if available
SEGID	Numeric	Road segment the point is associated with by name set
TSSEGID	Numeric	Road segment the point is associated with by type set
PT_LEN	Numeric	Distance along segment from beginning of the segment. See Coordinate ID for units
MPVAL	Double	Milepost value for point

Routing Requirements

The RoadCenterline shapefile requires the following fields to be accurately maintained in order to ensure correct routing.

Field Name	Data Type	Description
ROADTYPE	Text	The type of road ‘P’ – Private ‘B’ – Bike Path ‘M’ – Municipal ‘T’ – Township ‘C’ – County ‘U’ – US Highway ‘S’ – State Route ‘I’ – Interstate ‘R’ – Ramp ‘N’ – State Park Roads ‘F’– Federal Park Roads
DIR	Text	Direction of travel ‘B’ – Both ‘T’ – One-way from the To node ‘F’ – One-way from the From node
SPEEDLIMIT	Numeric	The posted speed limit for the segment (this attribute is not essential, but can improve the quality of the routing)
LANES	Numeric	Number of lanes in each direction
DIV_CODE	Text	The divider type, if any ‘Y’ – Divided ‘N’ – Not divided
RAMPCODE	Text	Indicates if link is a ramp ‘Y’ – Link is a ramp ‘N’ – Link is not a ramp

Shapefile Specifications

The shapefile is actually made up of three different files. The files must have the same name, but with different file extensions. The files extensions are as follows;

.shp	Contains all the geometry
.dbf	Contains associated attribute data
.shx	Contains file indexing data

A shapefile may contain only one geometry type.