

Publicly available data, presented within dedicated shapefiles. May be integrated.

Additional RCI metadata is located at:
[RCI Features and Characteristics Handbook](#)

Dataset	Dataset Description/Associated Attributes
Access Control Type	<p>The FDOT GIS Access Control Type feature class provides spatial information on Florida Access Control Type, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained in the Department's Roadway Characteristics Inventory (RCI).</p> <p><i>ACCESS_CON</i> 1 - Full Control (interstate, turnpike or similar road with all access via grade-separated interchanges) 2 - Partial Control (some grade-separated interchanges and some direct access roads or driveways) - Rare 3 - No Access Control (not grade-separated interchanges)</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record.</p> <p><i>END_POST</i> End mile point</p>
Access Management	<p>The FDOT GIS Access Management Roadways feature class provides spatial information on Florida Access Management Roadways, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System</p> <p><i>ACCESS_CLA</i> Access Management Classification</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record</p> <p><i>END_POST</i> End mile point</p> <p><i>Shape_Leng</i> Length in meters of the geometry for the record</p>
Bridges	<p>The FDOT GIS Bridges feature class provides spatial information on Florida Bridges and overpasses.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System</p> <p><i>ROAD_SIDE</i> This is used to indicate on which side of the roadway the feature appears</p> <p><i>STRUCTURE_N</i> Bridge Structure Number; Facility Crossing and Underpass Number</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record</p> <p><i>END_POST</i> Denotes the highest milepoint for the record</p>
Facility Crossing Names	<p>The FDOT GIS Facility Crossing feature class provides spatial information on the name of the facility (river, railroad, stream, etc.) which crosses over or under a roadway that is maintained in FDOT's RCI (Roadway Characteristic Inventory).</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record.</p> <p><i>END_POST</i> Denotes the highest milepoint for the record.</p>
Functional Classification	<p>The FDOT GIS Functional Classification Roadways feature class provides spatial information on the assignment of roads into systems according to the character of the service they provide in relation to the total road network.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System</p> <p><i>FUNCLASS</i> Functional class codes</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record</p> <p><i>END_POST</i> Denotes the highest milepoint for the record.</p>
HPMS	<p>The FDOT GIS Highway Performance Monitoring System Roadways feature class provides spatial information on features used for the sample portion of the annual HPMS submittal to the Federal Highway Administration.</p> <p><i>MNG_DIST_C</i> Code value representing the managing District</p> <p><i>ID_NUMBER</i> HPMS ID number</p> <p><i>ON_OFF_SYS</i> Indicates if the sample is classified as being on the state system or off.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System</p> <p><i>LOCALNAM</i> Local road name that contains the sample</p> <p><i>BEGIN_DESC</i> A description of the sample's start location</p> <p><i>END_DESC</i> A description of the sample's end location</p> <p><i>FEATSEQ</i> The Feature Sequence Number is used to identify unique occurrences of features in the Roadway Characteristics Inventory (RCI) database. Used internally to facilitate</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record</p> <p><i>END_POST</i> Denotes the highest milepoint for the record.</p> <p><i>TRVLWAY_CH</i> Indicates the Characteristic ID value. Used for identifying unique occurrences of characteristics in the Roadway Characteristic Inventory (RCI) database</p> <p><i>NET_LENGTH</i> Net length of the sample in miles</p>
Interchanges	<p>The FDOT GIS Interchanges feature class provides spatial information on Florida Interchanges and Exits.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained</p> <p><i>EXIT_NO</i> Interchange exit number</p> <p><i>INTERCHG_T</i> Definition: Interchange Type</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record</p>
Intersections	<p>The FDOT GIS Intersections feature class provides spatial information on Florida Intersections, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained</p> <p><i>INTSEC_ROA</i> Intersecting road name</p> <p><i>INTSEC_DIR</i> Intersection direction</p> <p><i>ROAD_SURF_</i> Roadway surface type</p> <p><i>OLD_KEY</i> Roadway surface type</p> <p><i>surface_de</i> Surface description</p> <p><i>intsec_des</i> Intersection description</p> <p><i>BEGIN_POST</i> Location of the intersection from the beginning of the road segment</p>
Maximum Speed Limits	<p>The FDOT GIS Roads with Maximum Speed Limits feature class provides spatial information Maximum Speed Limits on Florida Roadways.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained</p> <p><i>ROAD_SIDE</i> Road side type.</p> <p><i>OFFSET_DIR</i> Offset direction of road side</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record.</p> <p><i>END_POST</i> Denotes the highest milepoint for the record.</p> <p><i>SPEED</i> Maximum posted speed limit.</p>
Median Type	<p>The FDOT GIS Roads with Median Types feature class provides spatial information on Florida Median Types distinguishing between lawn, paved, painted, and curbed medians. It also notes where a fence, guardrail, or barrier wall divides the two sides of a divided road.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained in the Department's Roadway Characteristics Inventory (RCI).</p> <p><i>MEDIAN_TYP</i> Median type descriptions:</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record.</p> <p><i>END_POST</i> Denotes the highest milepoint for the record.</p>
Median Width	<p>The FDOT GIS Roads with Median Width feature class provides spatial information on Florida Median width in feet.</p> <p><i>ROADWAY</i> A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained</p> <p><i>BEGIN_POST</i> Denotes the lowest milepoint for the record.</p> <p><i>END_POST</i> Denotes the highest milepoint for the record</p> <p><i>WIDTH</i> Median width in feet</p>
Number of Lanes	<p>The FDOT GIS Roads with Number of Lanes feature class provides spatial information on the number of through roadway lanes.</p> <p><i>ROADWAY</i> Roadway ID - A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information</p>

ROAD_SIDE Road side type
BEGIN_POST Begin mile point
END_POST End mile point
LANE_CNT Number of lanes
Shape_Leng Length in meters of the roadway shape

[Pavement Conditions](#)

The FDOT GIS Roads with Pavement Conditions feature class provides spatial information on pavement condition ratings.
ROADWAY Roadway ID - A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
FEATURE Feature of the roadway
CHARACTERI Pavement Condition
SIDE Side of the roadway
BEGIN_POST Denotes the lowest milepoint for the record.
END_POST Denotes the highest milepoint for the record.
VALUE_ Definition: Pavement Condition

[Railroad Crossings](#)

The FDOT GIS Railroad Crossing feature class provides spatial information on existing railroad crossing at grade level. The database only consists of railroads that cross with the roadways that are maintained in FDOT's RCI (Roadway Characteristic Inventory).
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
BEGIN_POST Denotes the lowest milepoint for the record.
CROSSING_N The Check Digit is part of the railroad crossing number and is an alpha character at the end of the number.
CHECK_DIGI The Check Digit is part of the railroad crossing number and is an alpha character at the end of the number.
CHECK_DIGI The Check Digit is part of the railroad crossing number and is an alpha character at the end of the number.
CROSSING_N The crossing number is a six-digit number assigned to the crossing.

[Rest Areas/Welcome Areas](#)

The FDOT GIS Roads with Rest Areas/Welcome Centers feature class provides spatial information on Florida Roads with rest areas, welcome centers, wayside parks, and weigh stations.
Shape Feature geometry.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
UNKN This field represents the Roadway Characteristics Inventory (RCI) characteristic code
TYPE_ Type of facility
DIR Direction on the roadway (L or R)
NUM_FAC Indicates the number of facilities for this observation
BEGIN_POST Definition: Milepost of facility from beginning of roadway segment

[Roads in RCI](#)

The FDOT GIS Roads in RCI feature class provides spatial information on Florida Roads in RCI, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
DESCR Definition: Road type description
BEGIN_POST Denotes the lowest milepoint for the record
END_POST : Denotes the highest milepoint for the record.

[Roads with Local Names](#)

The FDOT GIS Roads with Local Names feature class provides spatial information on Florida Roads with the name of the section as posted on the roadway, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
NAME Name of the roadway
BEGIN_POST Denotes the lowest milepoint for the record.
END_POST Denotes the highest milepoint for the record.

[Road Status](#)

The FDOT GIS Road Status feature class provides spatial information on the status of Florida roadways.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
ROAD_STATU Status of the Roadway
BEGIN_POST Denotes the lowest milepoint for the record.
END_POST Denotes the highest milepoint for the record.

[Surface Width](#)

The FDOT GIS Surface Width feature class provides the width of the roadway in feet for each segment in the database. This characteristic is defined in the Roadway Characteristics Inventory (RCI) Field Handbook as "Through pavement surface width", and denotes the total road width of all through lanes in a single direction, measured in feet.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
ROAD_SIDE Road side type
END_POST Denotes the lowest milepoint for the record.
WIDTH **Definition:** The width of the roadway segment in feet.
Shape_Leng Length in meters of the geometry for the record

[Annual Average Daily Traffic](#)

The FDOT GIS Annual Average Daily Traffic Roadways feature class provides spatial information on Annual Average Daily Traffic section breaks.
YEAR_ Calendar year for which record applies.
DISTRICT FDOT District Number
COSITE Combination of county and site values as a six-digit item.
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
DESC_FRM The name of the intersecting road at the beginning of the roadway segment. (There are instances that the intersection is at a county boundary, a facility crossing,
DESC_TO The name of the intersecting road at the end of the roadway segment. (There are instances that the intersection is at a county boundary, a facility crossing, a bridge
AADT The total volume of traffic on a highway segment for one year, divided by the number of days in the year.
AADTFLG Source of AADT estimate-
KFLG Computation method-A=Actual Data, F=Computed from Factor Category, S=Statewide Default X=Cross Reference
K100FLG Computation method-A=Actual Data, F=Computed from Factor Category, S=Statewide Default X=Cross Reference for the highest 100 Hour
DFLG Computation method (Same as KFLG)
TFLG Computation method.
BEGIN_POST Denotes the lowest milepoint for the record
END_POST Denotes the highest milepoint for the record.
KFCTR The proportion of AADT occurring in an hour. In this case it is the proportion that occurs in the 30th highest hour.
K100FCTR K factor for highest 100 Hour
DFCTR Total traffic in peak direction as % of two-way traffic.
TFCTR Truck & bus factor is the proportion of trucks for 24 hours
Shape_Leng Length in meters of the geometry for the record

[Portable Traffic Monitoring Sites](#)

The FDOT GIS PTMS shapefile provides feature class information on Florida Portable Traffic Monitoring Sites, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.
AADT The total volume of traffic on a highway segment for one year, divided by the number of days in the year
YEAR_ Calendar year for which record applies
Cosite Combination of county and site values as a six-digit item
Classd Set to "Yes" if TFLG is "A". (Field TFLG is not in the final shapefile.)
SECTION_ A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
COMM Comments or additional descriptive data
Active Status of the monitoring site.
SiteType Type of monitoring site.
KFCTR The proportion of AADT occurring in an hour. In this case it is the proportion that occurs in the 30th highest hour.

Sitetype Type of monitoring site
KFCTR The proportion of AADT occurring in an hour. In this case it is the proportion that occurs in the 30th highest hour
DFCTR Total traffic in peak direction as % of two-way traffic.
TFCTR Truck & bus factor is the proportion of trucks for 24 hours
LOCATION Milepost location of site.

[Telemetered Traffic Monitoring Sites](#) The FDOT GIS TTMS sites feature class provides spatial information on Florida Telemetered Traffic Monitoring Sites, as well attribute information compatible with the Roadway Characteristics Inventory (RCI) database.

Shape Feature geometry.
AAADT The total volume of traffic on a highway segment for one year, divided by the number of days in the year.
YEAR_ Calendar year for which record applies.
Cosite Combination of county and site values as a six-digit item
Classd Set to "Yes" if TFLG is "A". (Field TFLG is not in the final shapefile.)
SECTION_ A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
COMM Comments or additional descriptive data.
Active Status of the monitoring site.
Sitetype Type of monitoring site.
KFCTR The proportion of AADT occurring in an hour. In this case it is the proportion that occurs in the 30th highest hour.
DFCTR Total traffic in peak direction as % of two-way traffic.
TFCTR Truck & bus factor is the proportion of trucks for 24 hours
LOCATION Milepost location of site.

[Traffic Signal Locations](#) The FDOT GIS Traffic Signal Locations feature class provides spatial information on locations of traffic signals in RCI.

[Truck Traffic Volume](#) The FDOT GIS Truck Traffic Volume Roadways feature class provides spatial information on Truck average annual daily traffic.

YEAR_ Calendar year for which record applies
DISTRICT FDOT District Number
COSITE Combination of county and site values as a six-digit item
ROADWAY A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
DESC_FRM The name of the intersecting road at the beginning of the roadway segment. (There are instances that the intersection is at a county boundary, a facility crossing, a
DESC_TO The name of the intersecting road at the end of the roadway segment. (There are instances that the intersection is at a county boundary, a facility crossing, a bridge,
AAADT The total volume of traffic on a highway segment for one year, divided by the number of days in the year.
AAADTFLG Source of AADT estimate-
KFLG Computation method-A=Actual Data, F=Computed from Factor Category, S=Statewide Default X=Cross Reference
K100FLG Computation method-A=Actual Data, F=Computed from Factor Category, S=Statewide Default X=Cross Reference for the highest 100 Hour
DFLG Computation method (Same as KFACTFLG)
TFLG Computation method (Same as TFACTFLG)
AAADTFLG Source of AADT estimate
TruckAAADT Denotes the lowest milepoint for the record.
END_POST Denotes the highest milepoint for the record.
KFCTR The proportion of AADT occurring in an hour. In this case it is the proportion that occurs in the 30th highest hour.
K100FCTR K factor for highest 100 Hour
DFCTR Total traffic in peak direction as % of two-way traffic.
TFCTR Truck & bus factor is the proportion of trucks for 24 hours
Shape_Leng Length in meters of the geometry for the record

[Weigh-in-Motion Locations](#) The FDOT GIS Weigh-in-Motion Locations feature class provides spatial information on sites where vehicles are weighed in the mainline road at the highway speed.

COUNTY FDOT county number
SITE Definition: Monitoring site number within county
Cosite Combination of county and site values as a six-digit item.
SECTION A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained
LOCATION Milepost location of site
PROGRAM Program number
LOCATION Milepost location of site
SECTION A unique 8-character identification number assigned to a roadway or section of a roadway either On or Off the State Highway System for which information is maintained