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INDOT Traffic Statistics Traffic Zone Shapefile Guide to Attribute Definitions August 21, 2019

The Indiana Department of Transportation (INDOT), through its Traffic Monitoring Section and Roadway Inventory Section, publish a GIS Shapefile reflective of the annual report to the Federal Highway Administration (FHWA) as part of the Highway Performance Monitoring System (HPMS). The purpose of this Guide is to help the user understand the information within the GIS Shapefiles.

INDOT uses ESRI's Roads and Highway Solution tool (RAH) to manage the network of roadways in the State of Indiana. Every road in the State is represented by a Route in (RAH) and has a defined beginning point and locations along the Route are identified by their measure in miles from that beginning point. The AADT Shapefiles include an attribute table that contains details about each segment reported. Below are the meanings of each Attribute in the header Row

ROUTE_ID	The unique Linear Reference System identification for the segment. It is a 17 character string consisting of J_CO_CITY_RTE_L_RAM_P_SC as described below.
FROM_MEASU	The measure point on the Route at the beginning of the segment, miles
TO_MEASURE	The measure point on the Route at the end of the segment, miles
TRAFFIC_SE	The Traffic Section ID for the portion of the roadway considered to have relatively uniform traffic volumes. Traffic Sections can span multiple Route IDs.
SITE_NO	The Traffic Count Station from the Traffic Count Database System with which the collected traffic data is associated
AADT	Annual Average Daily Traffic
AADT_COMBO	Annual Average Daily Traffic of vehicles classed by FHWA Scheme F as 8, 9, 10, 11, 12, or 13; Tractors pulling one or more trailers - Combination Trucks
AADT_SU	Annual Average Daily Traffic of vehicles classed by FHWA Scheme F as 4, 5, 6, or 7; Single-Unit trucks
PCT_PK_COM	The percentage of the AADT made up of Combination vehicles during the daily peak 60 minute period
PCT_PK_SIN	The percentage of the AADT made up of Single Unit Commercial vehicles during the daily peak 60 minute period
D_FAC	The percentage of the peak hour volume traveling in the peak direction
K_FAC	The percentage of the daily volume that occurs during the peak hour
FUT_AADT	The estimated Annual Average Daily Traffic in the specified future year
YR_FUT	The year for which the Future AADT is estimated
HPMS_YEAR	The calendar year for which this data was reported to FHWA as part of the Highway Performance Monitoring System (HPMS)

FROM_DATE	The date the record was created
TO_DATE	The date the record was End_Dated, the equivalent of deleting in a temporary tracked data system
EVENT_ID	A unique string used in ESRI Roads and Highways for an object within the Event, in this case AADT_2017. It may be repeated in other Events
CREATED_BY	The identification of the individual or authority that added the object to the geodatabase
DATE_CREAT	The date the geodatabase object was created
EDITED_BY	The identification of the individual or entity that changed the object in the geodatabase
DATE_EDITE	The date on which the change to the object was made
LOCERROR	Details about any anomalies in locating the object on the network
GLOBALID	A unique string used in ESRI Roads and Highways for an object, this will not be repeated across any Event within Roads and Highways
SHAPE_LEN	The length of the object in the base units of the network, in this case, meters

Route ID Explainer

Route ID is a 17 Character identifier made up of eight individual in the configuration

J_CO_CITY_RTE_L_RAM_P_SC

Each element description contains the number/s of the Character/s within the Route ID, the corresponding letters from the line above, and details about what information is contained by that element.

1 J Jurisdiction The level of Government responsible for the route segment. 1=Interstate, 2= US Routes, 3=County Roads, 5=City Streets, 9=State Roads

2&3 CO Two digit code corresponding to the County Name. A number from 1 to 92 corresponding to an alphabetical list of county names. Beginning in 2019, the CO for all Interstates, US Routes, and State Roads is “00” to facilitate continuous log mile along the entire route without having to reset at county boundaries.

4-7 CITY A four-digit code assigned by INDOT to each City and Town. Interstates, US Routes, State Roads, and those in unincorporated areas are given a code of “0000.”

8-10 RTE Route Number. For Interstates, US Routes, and State Roads this corresponds to the Highway number. For example Interstate 65 has an RTE of “065” and US 421 has and RTE of “421.”

11 L A code for giving additional information about the route. “0” is standard, “5” indicates Tolloed facilities, “7” designates “Old State Road” or “Old US Route,” a letter indicates that the route is part of collector/distributor system.

12-14 RAM – The 3 digit number of the interchange of which a route is a part. These numbers correspond to the Reference Post nearest the interchange on the primary route. “000” for routes that are not interchange ramps.

15 P The letter assigned to the ramp.

16&17 SC Section Number – The sequential number of the instance of the RTE along a route that is not continuous. Beginning in 2019 for Interstates, US Routes, and State Roads, the SC will remain 01 regardless of discontinuity to maintain a single Route ID along the entire Route.