HIGHWAY SAFETY INFORMATION SYSTEM GUIDEBOOK FOR THE

MAINE STATE DATA FILES

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Introduction to the Maine HSIS Guidebook

The Highway Safety Information System (HSIS), established in 1987, is a foundational highway research data system. The State of Maine has participated in the HSIS program since the 1987, providing quality data to HSIS for use by researchers through a request system. In 2021, HSIS began a modernization effort with the goal of expanding the technological and analytic capabilities of the data system. This modernization provides an increased emphasis on spatial analysis and cloud-based data management.

What Has Changed

This guidebook is intended to support the use of Maine HSIS data for the years 2016 and beyond. Data and documentation prior to 2016 (1987-2015) are available upon request to the HSIS Virtual Laboratory. Prior to 2016, the Maine datasets included variables for the following files:

1. Roadway inventory (i.e., Links).
2. Traffic data.
3. Interchange characteristics.
4. Accident characteristics.
5. Vehicles involved in crashes.
6. Vehicle occupants involved in crashes.

The revised Maine database incorporated into HSIS contains seven different files:

1. Roadway inventory (including traffic information).
2. Intersection node inventory.
3. Interchange inventory.
4. Crash characteristics.
5. Units involved in crashes.
6. Commercial vehicle information.
7. Persons involved in the crash.

Appendix A summarizes revisions the HSIS Laboratory made to the variables. In addition to the expanded list of files, there are several key differences between the Maine HSIS data prior to 2016:

Changes in File Names

Previously, HSIS data included accident, vehicle, and occupant files to describe crashes, the vehicles involved in those crashes, and the occupants of those vehicles. Due to changes in reported data, HSIS now uses the nomenclature of Crash, Unit, and Person files to represent these characteristics. Figure 1 illustrates the connection between the previous file naming convention (1987-2015) and the current file naming convention (2016- 2020).

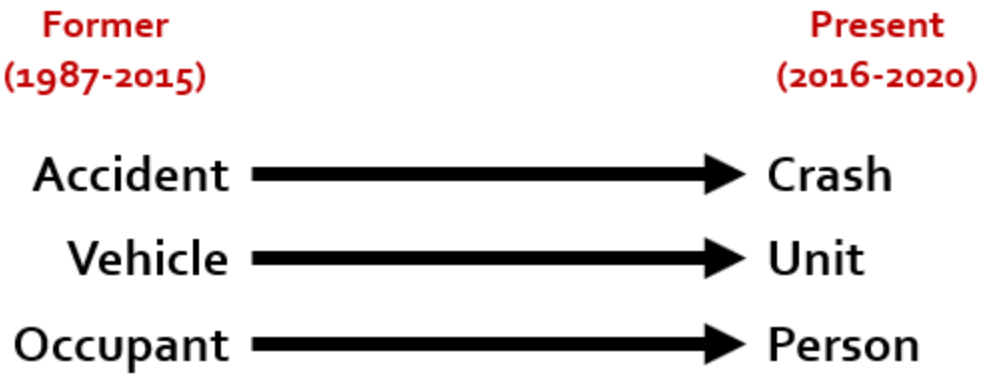

Figure 1. Changes to Maine HSIS Data File Naming Convention.

Changes in Variable Names

Previous versions of HSIS guidebooks referred to *SAS Name* as the shorthand for the more descriptive names in the HSIS documentation. With the modernization effort and increased emphasis on flexibility, this is now referred to as the *Variable Name*. Furthermore, the descriptive names of variables may have changed in this guidebook compared to previous versions. This may reflect changes in the data or definition of the variable to match updates to Maine's data documentation. Please consult the HSIS Virtual Laboratory for information on changes to the data over time.

Changes in Available Variables

This guidebook reflects the latest high-quality data available to HSIS and the research community. Variables that were available in previous years and documented in past guidebooks may no longer be available or otherwise discontinued. This guidebook represents data that are available to requestors for the years 2016 to 2020. Please consult past guidebooks or the HSIS Virtual Laboratory for information regarding previously available data.

Changes in Variable Linkages

HSIS data are stored in a geographic information systems (GIS) compatible format. Researchers can request data from HSIS in various additional formats such as SAS, Microsoft Excel® and Access®, dBase, ASCII, etc. to meet their analytical and resource capabilities.

Figure 2 provides an overview of the structure and relationships linking the seven files. The following sections provide a brief summary of each file.

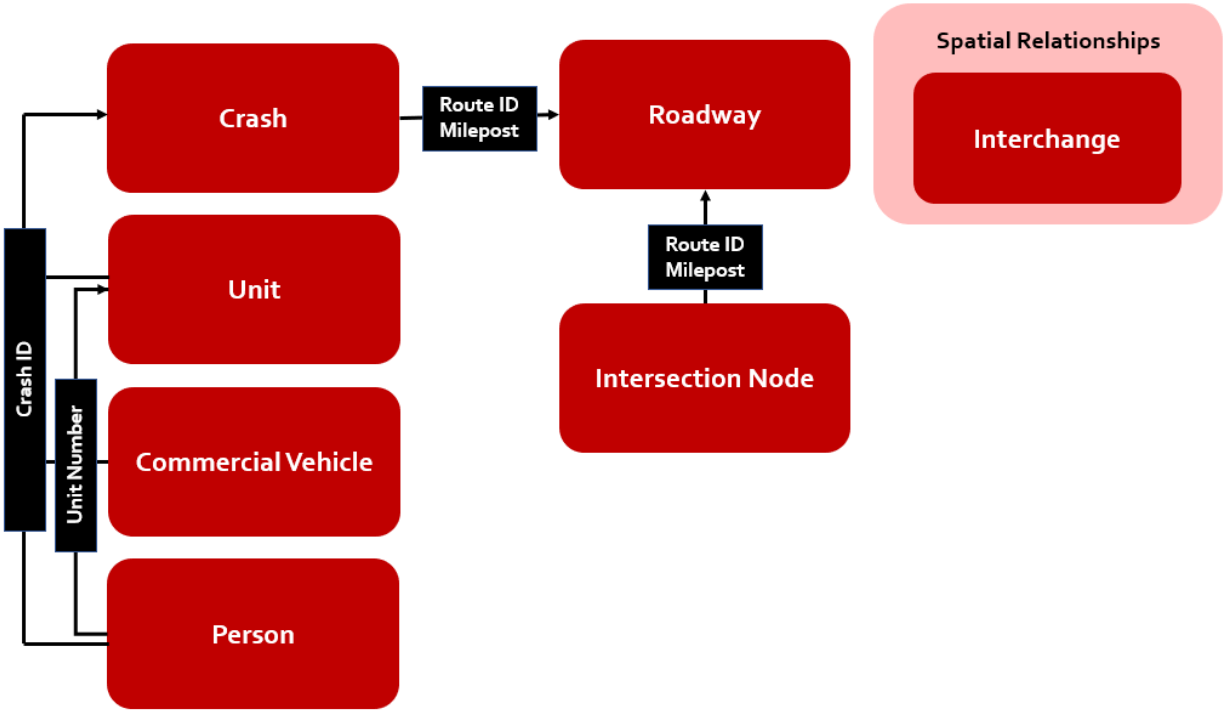

Figure 2. Maine HSIS Data Files and Linking Variables.

Roadway File (2016 – 2020)

This file contains information about the physical layout of Maine's roads and the traffic characteristics associated with all public roads in the State. The file includes variables that describe the surface width, lane width and type, shoulder width and type, median information, and other variables. This file also contains information on traffic volumes represented as annual average daily traffic (AADT). *Route ID* and associated *Milepost* information is the key linking variable between the base roadway inventory and the associated files, Crash and Intersection Node.

Intersection Node (2018 – 2020)

This file provides a spatial inventory of intersection nodes in Maine. The descriptor "node" applies to these individual points including traditional intersections, as well as road ends, culs-de-sac, and other intersections of non-roadway modes (e.g., railroad and ferry links); these locations are noted in the *Description* field. Intersections also include locations where freeway

interchange ramps merge on to the freeway mainline. Where applicable, intersection nodes contain approach information for the major and minor routes. This includes lane counts, median information, and traffic.

Interchange File (2021)

This file is a statewide point GIS data layer where each point represents information on a single freeway interchange. For this dataset, interchanges were defined as a grade-separated junction of two or more roads where at least one road is fully access-controlled and movements between roads are accomplished through straight and loop ramps. The point for each interchange is located in the geographic center of the interchange, and it may not necessarily be located on the freeway mainline or cross-street. The interchange inventory includes all interchanges in Maine, regardless of road ownership.

Crash File (2016 – 2020)

Crash data are contained in three separate files. The Crash file contains basic information on the crash. Related information on the vehicles and people involved in each crash are contained in the corresponding Unit File and Person File. Specifically, the Crash File contains information relating to crash-level characteristics and conditions at the time of the crash. Crash data are collected statewide by police departments in Maine on a standard form as prescribed by State law. The prescribed crash-reporting threshold is currently one that results in bodily injury or death to a person or apparent property damage of $1,000 or more.

Unit File (2016 – 2020)

This file provides information on the vehicles or units involved in crashes on Maine roads. This includes motor vehicles, bicyclists, pedestrians, and other users that represent an involved party in a crash. The Unit file can be linked to the Person file through the combination of the *Crash ID* and *Unit Number* variables.

Commercial Vehicle File (2016 – 2020)

This file provides information on commercial vehicles involved in crashes on Maine roads. This includes cargo tanks, flatbed trucks, logging trucks, vans, buses, and other heavy vehicles. The Commercial Vehicle file can be linked to the Unit file through the combination of the *Crash ID* and *Unit Number* variables.

Person File (2016 – 2020)

This file includes information on all persons involved in a crash, whether injured or not. This file includes standard variables related to seating positions in a vehicle, sex, age, and injury. The injury variable in Maine uses the KABCO system, which provides police estimates of injury level. Injury information available since 2016 use the standard "Suspected Serious Injury" definition.

Using the Files Together

Figure 1 highlighted the linkages between each of the seven Maine files. Researchers can use these files together to understand the circumstances, location, and vehicles and individuals involved in a crash. HSIS data can be linked and aggregated using either spatial or tabular relationships. HSIS data follow four different formats; each variable in this guidebook notes the specific format of that variable.

Numeric: Numeric values absent of alphabetical or special characters. These can include decimals or whole numbers.

Coded: Alphanumerical values that represent fixed value entries; this guidebook is a data dictionary for coded values.

Text: Free-form, plain text values that are not represented by coded abbreviations or other shorthand values (e.g., US 17 BUS (ROAD ST.) & CHURCH ST).

Date: Values representing date and time; specific formatting is noted in the relevant variable description.

When using the files together, users should note there are variables of the same name in two different files in some cases. For some of these variables, this is by design so that the files can be linked together. Examples of this include *Crash ID* and *Unit Number*. *Crash ID* is used to link the Crash file, Commercial file, Unit file, and Person file. *Unit Number* is used to link the Unit file, Commercial file, and Person file. For other variables, duplicated variable names across files are because the same information has been aggregated twice. For example, *AADT* is recorded in the Roadway file and Intersection Node file. In these cases, the HSIS Laboratory has compared across these variables and harmonized them to provide consistent information.

Requesting HSIS Data

Researchers can reference this guidebook to determine variables of interest for their particular research question. This section provides a fictious example research question to demonstrate how the variables can be requested and how the variables can be linked across the files.

A graduate student is interested in exploring signalized intersection crashes involving women in Maine. Specifically, they are interested in injury severity at different types of intersections and under different conditions.

The HSIS Laboratory will work with the student to structure a data request that includes variables that will provide insight into the student's request questions, variables to link the relevant files together, and flexibility to add external data in any subsequent phases of the study. The following is the structure of their request:

Roadway Variables

- Route ID (*linkable to the Route ID variable in the Crash file*).
- Begin/End Milepost (*linkable to the Milepost variable in the Crash file*).
- Roadway Class.
- Functional Class.
- Average Median Type.
- Median Width.
- Major/Minor Through Lanes.
- Major/Minor Left Turn Lanes.
- Major/Minor Right Turn Lanes.
- Major/Minor Center Turn Lanes.
- Factored AADT.
- County.

Intersection Node Variables

- Major/Minor Route ID (*linkable to the Route ID variable in the Crash and Road file*).
- Intersection Angle (Major Angle and Minor Angle).
- Signalized Indicator.
- Urban Leg Count.
- Rural Leg Count.
- One Way Leg Count.
- Major/Minor Median Type.
- Major/Minor Left Turn Count.
- Major/Minor Right Turn Count.
- Major/Minor Factored AADT.

Crash Variables

- Route ID (*linkable to the Route ID variable in the Roadway and Intersection Node files*).
- Milepost (*necessary for linking crashes to the Roadway file in GIS*).
- Crash ID (*linkable to the Crash ID variable in the Unit and Person file*).
- Crash Date.
- Number of A/B/C/Fatal Injuries.
- First Harmful Event Location.
- Light Condition.
- Surface Condition.
- Traffic Control Device.

Unit Variables

- Crash ID (*linkable to the Crash ID variable in the Crash file*).
- Unit ID (*linkable to the Unit ID variable in the Person file*).
- Unit Type.

Person Variables

- Crash ID (*linkable to the Crash ID variable in the Crash and Unit files*).
- Unit ID (*linkable to the Unit Number variable in the Unit file*).
- Person Age.
- Person Sex.
- Physical Condition.

The analyst does not request any information from the Interchange file. A few things to note about their request:

- There are several variables that are recorded in more than one file. The variable, *County*, is an example; it is in several. Since the request involves several linkable files, the variable is only included once in the Roadway file.
- There are also variables in the student's request that record similar information. For example, the Intersection Node file includes a variable, *Signalized Indicator*, that may seem redundant with the *Traffic Control Device* variable in the Crash file that defined the request as only crashes at signalized intersections. However, these data represent different sources, such as the officer reporting the crash at the scene in the case of the Crash file, and internal MaineDOT records in the case of the Intersection Node file. The student could request both variables to confirm that the location was signalized.
- When merging the files, the student should note that the Crash, Unit, Person, and Roadway files contain different numbers of observations or rows. The Crash file contains one observation per crash (e.g., a unique case number on each row), while the Unit file contains an observation for each vehicle involved in the crash. If more than one

vehicle is involved in a crash, there will be more than one row associated with the same *Crash ID*. Additionally, the Roadway file contains an observation or row for each road segment. Some segments may have multiple crashes associated with it while others may not have any.

Available Data

Table 1 provides a summary of all variables currently available in HSIS for the seven files. Attributes and fields have evolved since the introduction of Maine into the HSIS data system, and users should carefully consider these changes during the data collection research process.

Table 1. Summary of Maine HSIS Variables by Data File.

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
AADT	AADT	Roadway
AADT_TYPE_DESCR	AADT TYPE	Roadway
ACCESS_CONTROL_DESCR	ACCESS CONTROL	Roadway
AGENCY_DESCR	AGENCY OWNER	Roadway
MEDIAN_AVERAGE_WIDTH	AVERAGE MEDIAN WIDTH	Roadway
BEGIN_SECTION_MP	BEGIN MILEPOST	Roadway
CENTER_TURN_LANE_COUNT	CENTER TURN LANE COUNT	Roadway
CENTER_TURN_LANE_WIDTH	CENTER TURN LANE WIDTH	Roadway
COUNTY_NAME	COUNTY NAME	Roadway
NATIONAL_TRUCK_NETWORK_DESCR	DESIGNATED TRUCK ROUTE	Roadway
ELEMENT_ID	ELEMENT ID	Roadway
ELEMENT_LENGTH	ELEMENT LENGTH	Roadway
END_SECTION_MP	END MILEPOST	Roadway
FACTORED_AADT	FACTORED AADT	Roadway
FACTORED_YEAR	FACTORED AADT YEAR	Roadway
FEDERAL_FUNCTIONAL_CLASS_DESCR	FUNCTIONAL CLASS	Roadway
JURISDICTION_ABBREVIATION	JURISDICTION ABBREVIATION	Roadway
JURISDICTION_CODE	JURISDICTION CODE	Roadway
LEFT_SHOULDER_TYPE_DESCR	LEFT SHOULDER TYPE	Roadway
LEFT_SHOULDER_WIDTH	LEFT SHOULDER WIDTH	Roadway
LEFT_TURN_LANE_COUNT	LEFT TURN LANE COUNT	Roadway
LEFT_TURN_LANE_WIDTH	LEFT TURN LANE WIDTH	Roadway
MEDIAN_TYPE_DESCR	MEDIAN TYPE	Roadway

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
MPO	METROPOLITAN PLANNING ORGANIZATION	Roadway
NHS DESCRIPTOR	NHS_TYPE_DESCR	Roadway
THRU_LANE_COUNT	NUMBER OF THROUGH LANES	Roadway
OFFICIAL_MILES	OFFICIAL MILES INDICATOR	Roadway
ONE_WAY_DESCR	ONE WAY INDICATOR	Roadway
RAMP	RAMP_DESCR	Roadway
RIGHT_SHOULDER_TYPE_DESCR	RIGHT SHOULDER TYPE	Roadway
RIGHT_SHOULDER_WIDTH	RIGHT SHOULDER WIDTH	Roadway
RIGHT_TURN_LANE_COUNT	RIGHT TURN LANE COUNT	Roadway
RIGHT_TURN_LANE_WIDTH	RIGHT TURN LANE WIDTH	Roadway
RODWYCLS	ROADWAY CLASS	Roadway
PRIMARY_ROUTE_NUMBER	ROUTE ID	Roadway
ROUTE_TYPE	ROUTE TYPE	Roadway
STATE_URBAN_RURAL_DESCR	RURAL/URBAN CODE	Roadway
OWNER_DESCR	SEGMENT OWNER TYPE	Roadway
SPEEDSRC	SPEED LIMIT SOURCE	Roadway
STATE_DESIG_TYPE_DESCR	STATE HIGHWAY DESIGN	Roadway
STRATEGIC_HIGHWAY_NETWORK_DESC	STRATEGIC HIGHWAY	Roadway
STREETNAME	STREET NAME	Roadway
LANE_SURFACE_TYPE_DESCR	SURFACE TYPE	Roadway
THRU_LANE_WIDTH	THROUGH LANE WIDTH	Roadway
TOWN_CODE	TOWN CODE	Roadway
TRUCK_LANE_COUNT	TRUCK LANE COUNT	Roadway
AADT_YEAR	YEAR OF CURRENT AADT	Roadway
ALLROUTES	ALL NODE-INVOLVED ROUTES	Intersection Node
COUNTY1	COUNTY NAME 1	Intersection Node
COUNTY2	COUNTY NAME 2	Intersection Node
ELEMENT_CNT	ELEMENT COUNT	Intersection Node
MAJOR_MINOR_FAADT_DIF	FACTORED AADT DIFFERENCE	Intersection Node
FERRY_NODE	FERRY NODE INDICATOR	Intersection Node
HIGHWAY_NODE	HIGHWAY NODE INDICATOR	Intersection Node

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
MAJOR_MINOR_ANGLE_DIF	INTERSECTION ANGLE DIFFERENCE	Intersection Node
LATITUDE	LATITUDE	Intersection Node
OTHER_LEG_CENTER_TURN_COUNT	LEG CENTER TURN LANE COUNT	Intersection Node
OTHER_LEG_LEFT_TURN_COUNT	LEG LEFT TURN LANE COUNT	Intersection Node
NUM_LEGS_WITH_LEFT_TURN	LEGS WITH A LEFT TURN LANE	Intersection Node
LONGITUDE	LONGITUDE	Intersection Node
LEG_ANGLE_MAJOR	MAJOR ANGLE	Intersection Node
MEDIAN_AVG_WIDTH_MAJOR	MAJOR AVERAGE MEDIAN WIDTH	Intersection Node
MAJOR_LEG_CENTER_TURN_COUNT	MAJOR CENTER TURN LANE	Intersection Node
TRLNWDCTR_MAJOR	MAJOR CENTER TURN LANE WIDTH	Intersection Node
CNTYNAME_MAJOR	MAJOR COUNTY NAME	Intersection Node
FAADT_MAJOR	MAJOR FACTORED AADT	Intersection Node
FEDFUNCCLS_MAJOR	MAJOR FEDERAL FUNCTIONAL CLASS	Intersection Node
SHLDTYPELT_MAJOR	MAJOR LEFT SHOULDER TYPE	Intersection Node
SHLDWDTHLT_MAJOR	MAJOR LEFT SHOULDER WIDTH	Intersection Node
MAJOR_LEG_LEFT_TURN_COUNT	MAJOR LEFT TURN LANE COUNT	Intersection Node
TRLNWDLT_MAJOR	MAJOR LEFT TURN LANE WIDTH	Intersection Node
MREG_NAME_MAJOR	MAJOR MAINEDOT REGION NAME	Intersection Node
MEDIAN_TYPE_DECODE_MAJOR	MAJOR MEDIAN TYPE	Intersection Node
NUM_LANE_MAJOR	MAJOR NUMBER OF LANES	Intersection Node
JURISDICTION_MAJOR	MAJOR OWNING JURISDICTION	Intersection Node
SHLDPAVED_MAJOR	MAJOR PAVED SHOULDER WIDTH	Intersection Node

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
SHLDTYPERT_MAJOR	MAJOR RIGHT SHOULDER TYPE	Intersection Node
SHLDWDTHRT_MAJOR	MAJOR RIGHT SHOULDER WIDTH	Intersection Node
RTTURN_NUM_MAJOR	MAJOR RIGHT TURN LANE COUNT	Intersection Node
TRLNWDRT_MAJOR	MAJOR RIGHT TURN LANE WIDTH	Intersection Node
ROUTE_MAJOR	MAJOR ROUTE ID	Intersection Node
STRTNAME_MAJOR	MAJOR STREET NAME	Intersection Node
SURFTY_MAJOR	MAJOR SURFACE TYPE	Intersection Node
THRULNWDTH_MAJOR	MAJOR THROUGH LANE WIDTH	Intersection Node
THRULN_MAJOR	MAJOR THROUGH LANES	Intersection Node
PAVED_TOTAL_MAJOR	MAJOR TOTAL PAVED WIDTH	Intersection Node
SHLDWIDTHTOTAL_MAJOR	MAJOR TOTAL SHOULDER WIDTH	Intersection Node
WIDTH_TOTAL_MAJOR	MAJOR TOTAL WIDTH	Intersection Node
TOWNNAME_MAJOR	MAJOR TOWN NAME	Intersection Node
CLLNWDTRK_MAJOR	MAJOR TRUCK LANE WIDTH	Intersection Node
TRK_CLI_LN_MAJOR	MAJOR TRUCK LANES	Intersection Node
LEG_ANGLE_MINOR	MINOR ANGLE	Intersection Node
MEDIAN_AVG_WIDTH_MINOR	MINOR AVERAGE MEDIAN WIDTH	Intersection Node
MINOR_LEG_CENTER_TURN_COUNT	MINOR CENTER TURN LANE	Intersection Node
TRLNWDCTR_MINOR	MINOR CENTER TURN LANE WIDTH	Intersection Node
CNTYNAME_MINOR	MINOR COUNTY NAME	Intersection Node
FAADT_MINOR	MINOR FACTORED AADT	Intersection Node
FEDFUNCCLS_MINOR	MINOR FEDERAL FUNCTIONAL CLASS	Intersection Node

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
SHLDTYPELT_MINOR	MINOR LEFT SHOULDER TYPE	Intersection Node
SHLDWTHLT_MINOR	MINOR LEFT SHOULDER WIDTH	Intersection Node
MINOR_LEG_LEFT_TURN_COUNT	MINOR LEFT TURN LANE COUNT	Intersection Node
TRLNWDLT_MINOR	MINOR LEFT TURN LANE WIDTH	Intersection Node
MREG_NAME_MINOR	MINOR MAINE DOT REGION NAME	Intersection Node
MEDIAN_TYPE_DECODE_MINOR	MINOR MEDIAN TYPE	Intersection Node
NUM_LANES_MINOR	MINOR NUMBER OF LANES	Intersection Node
JURISDICTION_MINOR	MINOR OWNING JURISDICTION	Intersection Node
SHLDPAVED_MINOR	MINOR PAVED SHOULDER WIDTH	Intersection Node
SHLDTYPERT_MINOR	MINOR RIGHT SHOULDER TYPE	Intersection Node
SHLDWDTHRT_MINOR	MINOR RIGHT SHOULDER WIDTH	Intersection Node
RTURN_NUM_MINOR	MINOR RIGHT TURN LANE COUNT	Intersection Node
TRLNWDRT_MINOR	MINOR RIGHT TURN LANE WIDTH	Intersection Node
ROUTE_MINOR	MINOR ROUTE ID	Intersection Node
STRTNAME_MINOR	MINOR STREET NAME	Intersection Node
SURFTY_MINOR	MINOR SURFACE TYPE	Intersection Node
THRULNWDTH_MINOR	MINOR THROUGH LANE WIDTH	Intersection Node
THRLN_MINOR	MINOR THROUGH LANES	Intersection Node
PAVED_TOTAL_MINOR	MINOR TOTAL PAVED WIDTH	Intersection Node
SHLDWIDTHTOTAL_MINOR	MINOR TOTAL SHOULDER WIDTH	Intersection Node
TRAVEL_TOTAL_MINOR	MINOR TOTAL TRAVEL WIDTH	Intersection Node
WIDTH_TOTAL_MINOR	MINOR TOTAL WIDTH	Intersection Node

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
TOWNNAME_MINOR	MINOR TOWN NAME	Intersection Node
CLLNWDTRK_MINOR	MINOR TRUCK LANE WIDTH	Intersection Node
TRK_CLI_LN_MINOR	MINOR TRUCK LANES	Intersection Node
NODE_MPO	MPO	Intersection Node
NODE_NHS	NHS	Intersection Node
NODE_DESCR	NODE DESCRIPTION	Intersection Node
NODE_ID	NODE ID	Intersection Node
NODE_MP	NODE PRIMARY ROUTE MILEPOST	Intersection Node
NODE_MPS	NODE PRIMARY ROUTE MILEPOST	Intersection Node
SUM_INCNT	NUMBER OF ENTERING LEGS	Intersection Node
SUM_OTCNT	NUMBER OF EXISTING LEGS	Intersection Node
ONEWAY_COUNT	ONE WAY LEG COUNT	Intersection Node
PRIRTECODE	PRIMARY ROUTE ID	Intersection Node
RAIL_NODE	RAIL NODE INDICATOR	Intersection Node
REGIONNAME1	REGION NAME 1	Intersection Node
REGIONNAME2	REGION NAME 2	Intersection Node
FURB_RURAL_COUNT	RURAL LEG COUNT (FEDERAL)	Intersection Node
SURB_RURAL_COUNT	RURAL LEG COUNT (STATE)	Intersection Node
SIGNALIZED	SIGNALIZED INDICATOR	Intersection Node
EXIT_TEXT	EXIT LABEL	Interchange
EXIT_NUM	EXIT NUMBER	Interchange
RTEDESIGN	INTERSTATE ROUTE DESIGNATION	Interchange
LAT	LATITUDE	Interchange
LONG_	LONGITUDE	Interchange

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
OLDEXITNUM	OLD EXIT NUMBER	Interchange
OLD_ROUTE	OLD INTERSTATE ROUTE DESIGNATION	Interchange
CONTRIB_CIRC_ROAD1_DESCR	ROAD CIRCUMSTANCES 1	Interchange
CONTRIB_CIRC_ROAD2_DESCR	ROAD CIRCUMSTANCES 2	Interchange
COUNTY_NAME	COUNTY NAME	Crash
ACCIDENT_DATE	CRASH DATE	Crash
ACCIDENT_HOUR	CRASH HOUR	Crash
MDOTID	CRASH ID	Crash
TYPE_OF_LOCATION_DESCR	CRASH LOCATION	Crash
TYPE_OF_CRASH_DESCR	CRASH TYPE	Crash
ACCIDENT_YEAR	CRASH YEAR	Crash
ACCIDENT_DAY_OF_WEEK	DAY OF WEEK	Crash
CONTRIB_CIRC_ENV1_DESCR	ENVIRONMENTAL CIRCUMSTANCE 1	Crash
CONTRIB_CIRC_ENV2_DESCR	ENVIRONMENTAL CIRCUMSTANCE 2	Crash
LOC_FIRST_HARMFUL_EVENT_DESCR	FIRST HARMFUL EVENT LOCATION	Crash
REPORTING_AGENCY_DESCR	INVESTIGATING AGENCY	Crash
LIGHT_CONDITION_DESCR	LIGHT CONDITION	Crash
LOCATION_TYPE	LOCATION TYPE	Crash
PRIMARY_ROUTE_MP	MILEPOST	Crash
NO_OF_A_INJ	NUMBER OF A INJURIES	Crash
NO_OF_B_INJ	NUMBER OF B INJURIES	Crash
NO_OF_C_INJ	NUMBER OF C INJURIES	Crash
NO_OF_K_INJ	NUMBER OF FATALITIES	Crash
NO_OF_NON_INJ	NUMBER OF NON-INJURED	Crash
ROAD_GRADE_DESCR	ROAD GRADE	Crash
RODWYCLS	ROADWAY CLASS	Crash
PRIMARY_ROUTE_NUMBER	ROUTE ID	Crash
INJURY_SEVERITY	SEVERITY	Crash
ROAD_SURF_COND_DESCR	SURFACE CONDITION	Crash
TRAFFIC_CONTROL_DEVICE_DESCR	TRAFFIC CONTROL DEVICE	Crash
WEATHER_CONDITION_DESCR	WEATHER CONDITION	Crash
WORKZONE_LOCATION_DESCR	WORK ZONE CRASH LOCATION	Crash
WORKZONE_TYPE_DESCR	WORK ZONE TYPE	Crash
PRECRASH_ACTIONS_DESCR	ACTION PRIOR TO CRASH	Unit
CNTRIB_CIRCUM_DESCR	CONTRIBUTING CIRCUMSTANCES	Unit
MDOTID	CRASH ID	Unit

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
MOST_HARMFUL_EVENT_DESCR	MOST HARMFUL EVENT	Unit
SEQ_OF_EVENTS1_DESCR	SEQUENCE OF EVENTS 1	Unit
SEQ_OF_EVENTS2_DESCR	SEQUENCE OF EVENTS 2	Unit
SEQ_OF_EVENTS3_DESCR	SEQUENCE OF EVENTS 3	Unit
SEQ_OF_EVENTS4_DESCR	SEQUENCE OF EVENTS 4	Unit
SPECIAL_FUNC_VEHICLE_DESCR	SPECIAL VEHICLE USE	Unit
UNIT_ID	UNIT ID	Unit
UNIT_TYPE_DESCR	UNIT TYPE	Unit
VEHICLE_CONFIG_DESCR	VEHICLE CONFIGURATION	Unit
BUS_USE_DESCR	BUS TYPE	Commercial Vehicle
CARGO_BODYTYPE_DESCR	CARGO BODY TYPE	Commercial Vehicle
CARGO_CODE_DESCR	CARGO AMOUNT	Commercial Vehicle
CARRIER_TYPE_DESCR	CARRIER TYPE	Commercial Vehicle
COMMODITY_DESCR	COMMODITY DESCRIPTION	Commercial Vehicle
MDOTID	CRASH ID	Commercial Vehicle
HAZMAT_CLASS_DESCR	HAZMAT CLASS	Commercial Vehicle
HAZMAT_RELEASED	HAZMAT RELEASED	Commercial Vehicle
UNIT_ID	UNIT ID	Commercial Vehicle
BICYCLIST_MANEUVERS_DESCR	BIKE MANEUVER	Person
MDOTID	CRASH ID	Person
DRIVER_ACTION1_DESCR	DRIVER ACTION 1	Person
DRIVER_ACTION2_DESCR	DRIVER ACTION 2	Person
DRIVER_DISTRACTED_DESCR	DRIVER DISTRACTION	Person
NONMOTOR_ACT_PRIOR_DESCR	NON-MOTORIST ACTION PRIOR	Person
NONMOTOR_LOCATION_DESCR	NON-MOTORIST LOCATION	Person
NONMOTOR_ACT1_TIME_OF_DESCR	PEDESTRIAN ACTION 1	Person
NONMOTOR_ACT2_TIME_OF_DESCR	PEDESTRIAN ACTION 2	Person
PEDESTRIAN_MANEUVERS_DESCR	PEDESTRIAN MANEUVER	Person
PERSON_AGE	PERSON AGE	Person
PERSON_SEX_DESCR	PERSON SEX	Person
COND_TIME_OF_CRASH_DESCR	PHYSICAL CONDITION	Person

VARIABLE NAME	VARIABLE DESCRIPTION	DATA FILE
SEAT_POSITION_SEAT_DESCR	SEAT POSITION	Person
UNIT_ID	UNIT ID	Person

Roadway File

AADT

Variable Name: AADT

Definition: Unfactored AADT. Factored AADT are traffic counts adjusted according to a factor applied to locations of similar context (e.g., '900').

Field Type: Numeric.

AADT Type

Variable Name: AADT_TYPE_DESCR

Definition: Method unfactored AADT was obtained (e.g., 'Estimated count').

Field Type: Text.

Access Control

Variable Name: ACCESS_CONTROL_DESCR

Definition: Level of access control on the road segment. Full access indicates that the segment is only accessible via freeway interchange ramps (e.g., 'Full').

Field Type: Text.

Agency Owner

Variable Name: AGENCY_DESCR

Definition: Ownership agency associated with the road segment ('MDOT').

Field Type: Text.

Average Median Width

Variable Name: MEDIAN_AVERAGE_WIDTH

Definition: Average median width in feet for the segment (e.g., '10').

Field Type: Numeric.

Begin Milepost

Variable Name: BEGIN_SECTION_MP

Definition: The calculated beginning milepost of the segment. This variable, along with the *End Milepost* and *Route ID*, can be used to link the road data to the Crash and Intersection Node files (e.g., '525.89').

Field Type: Numeric.

Center Turn Lane Count

Variable Name: CENTER_TURN_LANE_COUNT

Definition: Total number of center turn lanes (e.g., '1').

Field Type: Numeric.

Center Turn Lane Width

Variable Name: CENTER_TURN_LANE_WIDTH

Definition: Width of center turn lane in feet. (e.g., '12').

Field Type: Numeric.

County Name

Variable Name: COUNTY_NAME

Definition: County in which the road segment is located (e.g., 'Cumberland').

Field Type: Text.

Designated Truck Route

Variable Name: NATIONAL_TRUCK_NETWORK_DESCR

Definition: Indicator that the roadway segment was designated as a truck route by the national truck network program-1982 (e.g., 'Part of the national network for trucks').

Field Type: Text.

Element ID

Variable Name: ELEMENT_ID

Definition: Unique ID associated with a link element. Multiple segments can comprise an element (e.g., '3107770').

Field Type: Numeric.

Element Length

Variable Name: ELEMENT_LENGTH

Definition: Length of the element in miles. Multiple segments can comprise an element (e.g., '0.31').

Field Type: Numeric.

End Milepost

Variable Name: END_SECTION_MP

Definition: The calculated ending milepost of the segment. This variable, along with the *Begin Milepost* and *Route ID*, can be used to link the road data to the Crash and Intersection Node files (e.g., '525.89').

Field Type: Numeric.

Factored AADT

Variable Name: FACTORED_AADT

Definition: Factored AADT. Factored AADT are traffic counts adjusted according to a factor applied to locations of similar context (e.g., '691').

Field Type: Numeric.

Factored AADT Year

Variable Name: FACTORED_YEAR

Definition: Year associated with the factored estimate of AADT (e.g., '2021').

Field Type: Numeric.

Functional Class

Variable Name: FEDERAL_FUNCTIONAL_CLASS_DESCR

Definition: Federal functional class of the road segment (e.g., 'Interstate').

Field Type: Text.

Jurisdiction Abbreviation

Variable Name: JURISDICTION_ABBREVIATION

Definition: Jurisdictional ownership associated with the road segment (abbreviation).

Field Type: Coded.

'STHW'	State Highway
'STAI'	State Aid Highway
'TNWY'	Townway
'TOLL'	Toll Highway
'SPKY'	Seasonal Parkway
'TNWS'	Townway Summer
'TNWW'	Townway Winter

'OTHR' Other

Jurisdiction Code

Variable Name: JURISDICTION_CODE

Definition: Jurisdictional ownership associated with the road segment (coded).

Field Type: Coded.

1 State Highway
2 State Aid
3 Townway
4 Toll
5 Seasonal
6 Reservation
7 Southbound or Westbound Lanes
8 Southbound Toll
9 Townway Seasonal

Left Shoulder Type

Variable Name: LEFT_SHOULDER_TYPE_DESCR

Definition: The type of shoulder material or design on the left side (i.e., in the direction of increasing mileposts) of the segment (e.g., 'Gravel').

Field Type: Text.

Left Shoulder Width

Variable Name: LEFT_SHOULDER_WIDTH

Definition: Width of the shoulder on the left side (i.e., in the direction of increasing mileposts) of the segment in feet (e.g., '2').

Field Type: Numeric.

Left Turn Lane Count

Variable Name: LEFT_TURN_LANE_COUNT

Definition: Total number of left turn lanes (e.g., '1').

Field Type: Numeric.

Left Turn Lane Width

Variable Name: LEFT_TURN_LANE_WIDTH

Definition: Total width of the left turn lanes combined in feet (e.g., '12').

Field Type: Numeric.

Median Type

SAS Name: MEDIAN_TYPE_DESCR

Definition: Type of median that exists on the road segment (e.g., 'Curbed').

Field Type: Text.

Metropolitan Planning Organization

Variable Name: MPO

Definition: Metropolitan planning organization (MPO) in which the segment is located.

Field Type: Coded.

'ATRC'	Androscoggin Transportation Resource Center
'BACTS'	Bangor Area Comprehensive Transportation System
'KACTS East'	Kittery Area Comprehensive Transportation System East
'KACTS West'	Kittery Area Comprehensive Transportation System West
'PACTS'	Portland Area Comprehensive Transportation System

NHS Descriptor

Variable Name: NHS_TYPE_DESCR

Definition: Type of National Highway System (NHS) connector if applicable. More information on the NHS can be found at FHWA's Office of Planning, Environment, & Realty (e.g., 'Airport').

Field Type: Text.

Number of Through Lanes

Variable Name: THRU_LANE_COUNT

Definition: Total number of thru lanes only (e.g., '2').

Field Type: Numeric.

Official Miles Indicator

Variable Name: OFFICIAL_MILES

Definition: Indicates whether this segment is counted as official mileage for the purposes of the Highway Performance Monitoring System (excludes south and west bound lanes, ramps, etc.)

Field Type: Coded.

'N'	No
'Y'	Yes

One Way Indicator

Variable Name: ONE_WAY_DESCR

Definition: Indicates traffic operation is one way, as well as direction of travel along the segment (e.g., 'One way in direction of element').

Field Type: Text.

Ramp

Variable Name: RAMP_DESCR

Definition: Indicator that segment is a ramp (e.g., 'Ramp').

Field Type: Text.

Right Shoulder Type

Variable Name: RIGHT_SHOULDER_TYPE_DESCR

Definition: The type of shoulder material or design on right side (i.e., in the direction of increasing mileposts) of the segment (e.g., 'Curb Present').

Field Type: Text.

Right Shoulder Width

Variable Name: RIGHT_SHOULDER_WIDTH

Definition: Width of the shoulder on the right side (i.e., in the direction of increasing mileposts) of the segment in feet (e.g., '2').

Field Type: Numeric.

Right Turn Lane Count

Variable Name: RIGHT_TURN_LANE_COUNT

Definition: Total number of right turn lanes (e.g., '1').

Field Type: Numeric.

Right Turn Lane Width

Variable Name: RIGHT_TURN_LANE_WIDTH

Definition: Total width of right turn lanes on the segment in feet (e.g., '12').

Field Type: Numeric.

Roadway Class*

Variable Name: RODWYCLS

Definition: Roadway Class. This variable is developed by the HSIS Laboratory for the purposes of readily classifying roadway data. This variable is a combination of the *Number of Lanes*, *Median Type*, and *Functional Class* variables, and Census Urban Places data (e.g., Rural 2 Lane Roads).

Field Type: Text.

Values:

Urban Freeways
Urban Freeways Less than 4 Lanes
Urban 2 Lane Roads
Urban Multilane Divided Non-Freeway
Urban Multilane Undivided Non-Freeway
Rural Freeways
Rural Freeways Less than 4 Lanes
Rural 2-Lane Roads
Rural Multilane Divided Non-Freeway
Rural Multilane Undivided Non-Freeway
Others

* Variable created or edited by HSIS Lab

Route ID

Variable Name: PRIMARY_ROUTE_NUMBER

Definition: Route ID for the primary route on this segment. This variable, along with the *Begin Milepost* and *End Milepost* variables, can be used to link the Roadway file to the Crash and Intersection Node files (e.g., '0001X').

Field Type: Text.

Route Type

Variable Name: ROUTE_TYPE

Definition: Route type for the primary route on this segment.

Field Type: Coded.

'I'	Inventory Road
'N'	Numbered Route

Rural/Urban Code

Variable Name: STATE_URBAN_RURAL_DESCR

Definition: Rural-Urban identification of the roadway segment based on State classification (e.g., 'Rural').

Field Type: Text.

Segment Owner Type

Variable Name: OWNER_DESCR

Definition: The level of government or jurisdiction that owns the road segment (e.g., 'Federal').

Field Type: Text.

Speed Limit Source

Variable Name: SPEEDSRC

Definition: Denotes if the posted speed value is a posted speed zone or derived based on a default speed table value (e.g., 'Posted').

Field Type: Text.

State Highway Design

Variable Name: STATE_DESIG_TYPE_DESCR

Definition: Type of State highway road segment designation if applicable (e.g., 'State Highway').

Field Type: Text.

Strategic Highway

Variable Name: STRATEGIC_HIGHWAY_NETWORK_DESC

Definition: Code defining the type of segment if it is part of the Strategic Highway Network (STRAHNET). More information on STRAHNET can be found here (e.g., 'Primary').

Field Type: Text.

Street Name

Variable Name: STREETNAME

Definition: Common street name associated with the road segment (e.g., 'Elm St').

Field Type: Text.

Surface Type

Variable Name: LANE_SURFACE_TYPE_DESCR

Definition: Type of surface of the segment travel area (e.g., 'Flexible').

Field Type: Text.

Through Lane Width

Variable Name: THRU_LANE_WIDTH

Definition: Total paved surface width in feet associated with through lanes (e.g., '12').

Field Type: Numeric.

Town Code

Variable Name: TOWN_CODE

Definition: Town identified by standard geographic code as defined by the state planning office.

Field Type: Coded.

1010	Auburn
1020	Durham
1030	Greene
1040	Leeds
1050	Lewiston
1060	Lisbon
1070	Boothbay
1080	Livermore Falls
1090	Mechanic Falls
1100	Exeter
1110	Poland
1120	Sabattus
1130	Wales
1140	Turner
3010	Allagash
3020	Amity
3030	Ashland
3040	Bancroft
3050	Hanover
3060	Blaine
3070	Bridgewater
3080	Caribou
3090	Cary Plt
3100	Castle Hill
3110	Caswell
3120	Chapman
3130	Crystal
3140	Cyr Plt
3150	Dyer Brook
3160	E Twp
3170	Eagle Lake
3180	Easton
3190	Fort Fairfield
3200	Fort Kent
3210	Frenchville
3220	Garfield Plt
3230	Frenchboro
3240	Grand Isle
3250	Hamlin
3260	Hammond
3270	Haynesville
3280	Beals
3290	Hodgdon
3300	Houlton
3310	Island Falls
3320	Limestone
3330	Holden
3340	Littleton
3350	Ludlow
3360	Macwahoc Plt
3370	Madawaska
3380	Mapleton
3390	Mars Hill
3400	Dixmont
3410	Merrill
3420	Glenburn
3430	Moro Plt
3440	Nashville Plt
3450	New Canada
3460	New Limerick
3470	Argyle Twp
3480	Corinth
3490	Orient
3500	Matinicus Isle Plt
3510	Perham
3520	Portage Lake
3530	Presque Isle
3540	Reed Plt
3550	Saint Agatha
3560	Coplin Plt
3570	Marshfield
3580	Sherman
3590	Smyrna
3600	Belmont
3610	Van Buren
3620	Magalloway Plt
3630	Northport
3640	Washburn
3650	Westfield
3660	Forest Twp
3670	Cherryfield
3680	Winterville Plt
3690	Enfield
3802	Connor Twp
3805	Cranberry Isles
3806	Molunkus Twp
3807	Highland Plt
3809	Atkinson

3811	Andover West Surplus Twp
3813	TA R2 WELS
3815	C Surplus
3816	Drew Plt
3821	T7 R5 WELS
3823	Columbia Falls
3826	Athens
3833	T11 R4 WELS
3868	Harrington
3880	Charlotte
3889	Grindstone Twp
3898	Marion Twp
3899	Cross Lake Twp
5010	Baldwin
5020	Bridgton
5030	Brunswick
5040	Cape Elizabeth
5050	Casco
5055	Chebeague Island
5060	Cumberland
5070	Falmouth
5080	Freeport
5085	Appleton
5090	Gorham
5100	Gray
5110	Harpswell
5120	Harrison
5125	Long A Twp
5130	Naples
5140	New Gloucester
5150	North Yarmouth
5170	Portland
5180	New Portland
5190	Raymond
5200	Scarborough
5210	Milbridge
5220	South Portland
5230	Standish
5240	Westbrook
5250	Windham
5260	Yarmouth
7010	Avon
7018	Carrabassett Valley
7020	Alna
7030	Burnham
7040	Saint Francis
7050	Dallas Plt
7060	Eustis
7070	Farmington
7080	Industry
7090	Jay
7100	Kingfield
7110	Byron
7120	New Sharon
7130	New Vineyard
7140	Howland
7150	Rangeley
7160	Rangeley Plt
7170	Sandy River Plt
7180	Strong
7190	Temple
7200	Weld
7210	Wilton
7801	Alder Stream Twp
7803	Chain of Ponds Twp
7804	Coburn Gore
7805	Township D
7807	Township E
7808	Freeman Twp
7811	Jim Pond Twp
7813	Kingman Twp
7818	Blanchard Twp
7820	Lang Twp
7826	Chesuncook Twp
7827	Dennistown Plt
7828	Elliottsville Twp
9010	Amherst
9020	Aurora
9030	Bar Harbor
9040	Blue Hill
9050	Brooklin
9060	Brooksville
9070	Bucksport
9080	Castine
9090	Eastbrook
9100	Dedham
9110	Buckfield
9120	Forkstown Twp

9130	Ellsworth
9140	Franklin
9150	Gouldsboro
9160	Dead River Twp
9170	Hancock
9180	Freedom
9190	Glenwood Plt
9200	Mariaville
9210	Mount Desert
9220	Orland
9230	Lexington Twp
9240	Adamstown Twp
9250	Edinburg
9260	Sedgwick
9270	Kingsbury Plt
9280	Ogunquit
9290	Penobscot
9300	Sullivan
9310	Greenbush
9320	Swans Island
9330	Tremont
9340	Edmunds Twp
9350	Chester
9360	Waltham
9370	Winter Harbor
9801	Hibberts Gore
9803	T4 Indian Purchase Twp
9804	Fletchers Landing Twp
9805	Grand Falls Twp
9806	Lambert Lake Twp
9808	Hebron
9809	Mercer
9810	Carrying Place Twp
11010	Albion
11020	Augusta
11030	Belgrade
11040	Benton
11050	Chelsea
11060	China
11070	Clinton
11080	Alexander
11090	Fayette
11100	Gardiner
11110	Hallowell
11120	Litchfield
11130	Manchester
11140	Monmouth
11150	Canton
11160	Oakland
11170	Pittston
11180	Randolph
11190	Readfield
11200	Peru
11210	Sidney
11220	Machias
11230	Vienna
11240	Waterville
11250	Plymouth
11260	West Gardiner
11270	West Bath
11280	Winslow
11290	Winthrop
11801	Unity Twp
13010	Caratunk
13020	Camden
13030	Cushing
13040	Bremen
13050	Hope
13060	Forest City Twp
13070	Oxbow Plt
13080	Cooper
13090	Dayton
13100	Rockland
13110	Rockport
13120	Rome
13130	Cambridge
13140	Thomaston
13150	Union
13160	Vinalhaven
13170	Warren
13180	Abbot
13803	Muscle Ridge Shoals Twp
15010	Carthage
15020	Livermore
15030	Boothbay Harbor
15040	Friendship
15050	Bristol
15060	Damariscotta

15070	Dresden
15080	Edgecomb
15090	Jefferson
15100	Monhegan Island Plt
15110	Newcastle
15120	Indian Twp Res
15130	Concord Twp
15140	South Bristol
15150	Southport
15160	Waldoboro
15170	Westport Island
15180	Whitefield
15190	Wiscasset
15801	T3 ND
17010	Alton
17020	Bethel
17030	Brownfield
17040	Deer Isle
17050	Madrid Twp
17060	Denmark
17070	Mount Vernon
17080	Dixfield
17090	Fryeburg
17100	Gilead
17110	Greenwood
17120	Benedicta Twp
17130	Hartford
17140	T22 MD
17150	Alfred
17160	Bradley
17170	Lovell
17180	T7 SD
17190	Mexico
17200	Newry
17210	Norway
17217	Linneus
17220	Norridgewock
17230	Paris
17240	Saint George
17250	Albany Twp
17260	Harmony
17270	Rumford
17280	Arrowsic
17290	Stow
17300	Frye Island
17310	Sweden
17320	Batchelders Grant Twp
17330	Eastport
17340	West Paris
17350	Woodstock
17801	Codyville Plt
17802	Porter
17803	Andover North Surplus
17804	Moxie Gore
17805	Pleasant Point
17807	T5 R9 WELS
17808	Grafton Twp
17809	Lower Cupsuptic Twp
17811	Mason Twp
17812	Milton Twp
17817	Big Lake Twp
17818	Lake View Plt
19010	Andover
19020	Bangor
19030	Bradford
19040	Lincoln Plt
19050	Brewer
19060	Burlington
19070	Carmel
19080	Carroll Plt
19090	Charleston
19100	Verona Island
19110	Clifton
19120	Corinna
19130	Limerick
19140	Dexter
19150	Masardis
19160	T1 R5 WELS
19170	East Millinocket
19180	Eddington
19190	Stonington
19200	Woodland
19210	Etna
19220	Minot
19230	Garland
19240	Monticello
19250	T9 SD
19260	Surry

19270	Greenfield Twp
19280	Hampden
19290	Hermon
19300	Otisfield
19310	Phillips
19320	Hudson
19330	Kenduskeag
19340	Lagrange
19350	Lakeville
19360	Lee
19370	Levant
19380	Lincoln
19390	Indian Island
19400	Mattawamkeag
19410	Maxfield
19420	Medway
19430	Milford
19440	Millinocket
19450	Mount Chase
19460	Newburgh
19470	Newport
19480	Old Town
19490	Orono
19500	Bowdoin
19510	Passadumkeag
19520	Patten
19530	Wayne
19540	Mattamiscontis Twp
19550	Seboeis Plt
19560	Springfield
19570	Stacyville
19580	Stetson
19590	Veazie
19600	Webster Plt
19610	Winn
19620	Taunton & Raynham Acad. Gr.
19630	Lowell
19801	New Sweden
19802	Madawaska Lake Twp
19803	Herseytown Twp
19806	Mayfield Twp
19807	Wade
19808	Osborn
19809	Long Island
19810	Prentiss Twp T7 R3 NBPP
19811	Harfords Point Twp
19812	Mount Katahdin Twp
19814	T3 R10 WELS
19815	T1 R6 WELS
19816	Great Pond
19817	T2 R8 NWP
19819	Starks
19827	Summit Twp
19828	Berry Twp
19829	Katahdin Iron Works Twp
19830	T6 R7 WELS
19831	T3 Indian Purchase Twp
21010	Washington
21020	Silver Ridge Twp
21030	Barnard Twp
21037	Beaver Cove
21040	Perkins Twp
21050	Bowerbank
21060	Brownville
21070	Dover-Foxcroft
21080	Isle Au Haut
21090	Greenville
21100	Guilford
21110	Sorrento
21120	TA R7 WELS
21130	Medford
21140	Milo
21150	Monson
21160	Parkman
21170	Sangerville
21180	Sebec
21190	Salem Twp
21200	Ripley
21210	Willimantic
21801	Big Moose Twp
21804	TD R2 WELS
21805	Cove Point Twp
21809	Centerville Twp
21811	Soldiertown Twp T2 R7 WELS
21812	Perkins Twp Swan Island
21815	Lily Bay Twp
21816	Moosehead Junction Twp
21818	T5 R7 WELS

21819	Nesourdnahunk Twp
21821	Orneville Twp
21826	Carrying Place Town Twp
21827	Pleasant Ridge Plt
21833	Frenchtown Twp
21837	T2 R9 WELS
21838	T2 R10 WELS
21841	Township C
21845	T17 R4 WELS
21847	T4 R10 WELS
21853	Ebeemee Twp
21854	Tomhegan Twp
23010	Brookton Twp
23020	Bath
23030	Orrington
23040	Bowdoinham
23050	Georgetown
23060	Phippsburg
23070	Richmond
23080	Topsham
23090	Windsor
23100	Woolwich
23801	T32 MD
25010	Anson
25020	Princeton
25030	Bingham
25040	Brighton Plt
25050	South Thomaston
25060	Canaan
25070	Sumner
25080	Cornville
25090	Washington Twp
25100	Detroit
25110	Embden
25120	Fairfield
25130	Roxbury
25140	Baring Plt
25150	North Yarmouth Acad. Gr. Twp
25160	Jackman
25170	Madison
25180	T28 MD
25190	Moose River
25200	Moscow
25210	Pownal
25220	Oxford
25230	Palmyra
25240	Pittsfield
25250	Williamsburg Twp
25260	Wellington
25270	Lyman
25280	Skowhegan
25290	Smithfield
25300	Solon
25310	T2 R9 NWP
25320	Jackson
25330	Johnson Mountain Twp
25803	Woodville
25815	Greenlaw Chopping Twp
25818	Somerville
25819	Misery Gore Twp
25829	West Forks Plt
25831	Shirley
25833	Long Pond Twp
25835	T6 R8 WELS
25837	T1 R8 WELS
25838	Upper Molunkus Twp
25839	Parlin Pond Twp
25844	Rockwood Strip T1 R1 NBKP
25849	Sandwich Acad. Gr. Twp
25850	Sandy Bay Twp
25851	Sapling Twp
25857	Township 6 North of Weld
25860	T6 R6 WELS
25861	T3 R4 BKP WKR
27010	Belfast
27020	Stockholm
27030	Addison
27040	Chesterville
27050	Danforth
27060	Islesboro
27070	Lamoine
27080	North Haven
27090	Knox
27100	Liberty
27110	East Machias
27120	Monroe
27130	Montville
27140	Beddington

27150	Wallagrass
27160	Palermo
27170	Brooks
27180	Searsmont
27190	Searsport
27200	Stockton Springs
27210	Swanville
27220	Dennysville
27230	Troy
27240	Unity
27250	Waldo
27260	Winterport
29010	Devereaux Twp
29020	Farmingdale
29030	Baileyville
29040	Hartland
29050	Grand Lake Stream Plt
29060	Morrill
29070	Calais
29080	T1 R9 WELS
29090	T15 R6 WELS
29100	Weston
29110	Otis
29120	Columbia
29130	T8 R5 WELS
29140	The Forks Plt
29150	Crawford
29160	Cutler
29170	Frankfort
29180	Deblois
29190	T30 MD BPP
29200	Lincolnville
29210	Waterford
29220	Hersey
29230	Sebago
29240	Jonesboro
29250	Jonesport
29260	Lubec
29270	Vassalboro
29280	Machiasport
29290	Saint John Plt
29300	Meddybemps
29310	T14 R6 WELS
29320	Northfield
29330	Cathance Township
29340	Riley Twp
29350	Pembroke
29360	Limington
29370	T9 R5 WELS
29380	Robbinston
29390	Roque Bluffs
29400	Steuben
29410	Talmadge
29420	Topsfield
29430	Vanceboro
29440	Waite
29450	Wesley
29460	Whiting
29470	Whitneyville
29480	Upton
29801	Stoneham
29802	Prospect
29804	Trenton
29805	Westmanland
29806	Wyman Twp
29808	Kossuth Twp
29809	T10 SD
29810	T4 R9 NWP
29811	Trescott Twp
29815	T8 R3 NBPP
29816	T8 R4 NBPP
29818	T5 R8 WELS
29822	T24 MD BPP
29824	T26 ED BPP
29825	Trout Brook Twp
29826	Thorndike
29827	Day Block Twp
29832	Nobleboro
31010	Acton
31020	Hiram
31030	Arundel
31040	Berwick
31050	Biddeford
31060	Buxton
31070	Cornish
31080	Owls Head
31090	Eliot
31100	Hollis

31110	Kennebunk	31200	Old Orchard Beach
31120	Kennebunkport	31210	Parsonsfield
31130	Kittery	31220	Saco
31140	Lebanon	31230	Sanford
31150	Oakfield	31240	Shapleigh
31160	Perry	31250	South Berwick
31170	Saint Albans	31260	Waterboro
31180	Newfield	31270	Wells
31190	North Berwick	31280	York
31197	Southwest Harbor		

Truck Lane Count

Variable Name: TRUCK_LANE_COUNT

Definition: Total number of truck climbing lanes on the segment.

Field Type: Numeric.

Year of Current AADT

Variable Name: AADT_YEAR

Definition: Year associated with the unfactored AADT.

Field Type: Numeric.

Intersection Node File

All Node-Involved Routes

Variable Name: ALLROUTES

Definition: A comma-delimited list of all routes involved at the node (e.g., '0197X,H4830,P04100').

Field Type: Text.

County Name 1

Variable Name: COUNTY1

County Name 2

Variable Name: COUNTY2

Definition: County associated with the intersection node. If node falls along a county border, a second county applies (e.g., 'ANDROSCOGGIN').

Field Type: Text.

Element Count

Variable Name: ELEMENT_CNT

Definition: Number of centerlines associated with Maine's LRS that intersect the node in GIS (e.g., '5').

Field Type: Numeric.

Factored AADT Difference

Variable Name: MAJOR_MINOR_FAADT_DIF

Definition: Factored AADT difference between major and minor legs. Factored AADT are traffic counts adjusted according to a factor applied to locations of similar context. This variable is null if major and minor leg information is unavailable. (e.g., '3721').

Field Type: Numeric.

Ferry Node Indicator

Variable Name: FERRY_NODE

Definition: An indicator that the node is part of the Ferry System.

Field Type: Coded.

'Y'	Yes
'N'	No

Highway Node Indicator

Variable Name: HIGHWAY_NODE

Definition: An indicator that the node is part of the Highway System. Nodes with a value of 'N' are not part of the public road system.

Field Type: Coded.

'Y'	Yes
'N'	No

Intersection Angle Difference

Variable Name: MAJOR_MINOR_ANGLE_DIF

Definition: Difference in degrees between major and minor approach legs. This variable is null if major and minor leg information is unavailable. (e.g., '58').

Field Type: Numeric.

Latitude

Variable Name: LATITUDE

Definition: The latitude of the node (e.g., '44.11216').

Field Type: Numeric.

Leg Center Turn Lane Count

Variable Name: OTHER_LEG_CENTER_TURN_COUNT

Definition: Number of two-way center turn lanes on any approach legs that are not considered 'major' or 'minor' approaches (e.g., '0').

Field Type: Numeric.

Leg Left Turn Lane Count

Variable Name: OTHER_LEG_LEFT_TURN_COUNT

Definition: Number of left turn lanes on any approach legs that are not considered 'major' or 'minor' approaches (e.g., '0').

Field Type: Numeric.

Legs with a Left Turn Lane

Variable Name: NUM_LEGS_WITH_LEFT_TURN

Definition: Total number of approach legs with a left turn lane (e.g., '2').

Field Type: Numeric.

Longitude

Variable Name: LONGITUDE

Definition: The longitude of the node (e.g., '-70.110153').

Field Type: Numeric.

Major Angle

Variable Name: LEG_ANGLE_MAJOR

Definition: Bearing in degrees (0-360) of the major leg, where 90 degrees is due north and 270 degrees is due south (e.g., '211').

Field Type: Numeric.

Major Average Median Width

Variable Name: MEDIAN_AVG_WIDTH_MAJOR

Definition: Average width of the median on the major leg in feet (e.g., '8').

Field Type: Numeric.

Major Center Turn Lane

Variable Name: MAJOR_LEG_CENTER_TURN_COUNT

Definition: Number of center turn lanes on the major leg (e.g., '1').

Field Type: Numeric.

Major Center Turn Lane Width

Variable Name: TRLNWDCTR_MAJOR

Definition: Total width of the center turn lanes on the major leg in feet (e.g., '16').

Field Type: Numeric.

Major County Name

Variable Name: CNTYNAME_MAJOR

Definition: County in which the major leg is located (e.g., 'Androscoggin').

Field Type: Text.

Major Factored AADT

Variable Name: FAADT_MAJOR

Definition: Factored AADT at the major leg. Factored AADT are traffic counts adjusted according to a factor applied to locations of similar context (e.g., '7820').

Field Type: Numeric.

Major Federal Functional Class

Variable Name: FEDFUNCCLS_MAJOR

Definition: Federal functional class associated with the major leg (e.g., 'Minor Arterial').

Field Type: Text.

Major Left Shoulder Type

Variable Name: SHLDTYPELT_MAJOR

Definition: Type of shoulder associated with the left side (i.e., in the direction of increasing mileposts) of the major leg (e.g., 'Paved').

Field Type: Text.

Major Left Shoulder Width

Variable Name: SHLDWDTHLT_MAJOR

Definition: Width of the shoulder on the left side (i.e., in the direction of increasing mileposts) of the major leg in feet (e.g., '4').

Field Type: Numeric.

Major Left Turn Lane Count

Variable Name: MAJOR_LEG_LEFT_TURN_COUNT

Definition: Number of left turn lanes on the major legs. This is the sum of all left turn lanes on major approaches (e.g., '1').

Field Type: Numeric.

Major Left Turn Lane Width

Variable Name: TRLNWDLT_MAJOR

Definition: Total width of left turn lane(s) on the major leg in feet (e.g., '12').

Field Type: Numeric.

Major MaineDOT Region Name

Variable Name: MREG_NAME_MAJOR

Definition: MaineDOT Region associated with the major leg (e.g., 'Southern').

Field Type: Text.

Major Median Type

Variable Name: MEDIAN_TYPE_DECODE_MAJOR

Definition: Type of median on the major leg (e.g., 'Positive barrier').

Field Type: Text.

Major Number of Lanes

Variable Name: NUM_LANES_MAJOR

Definition: Average number of lanes on a major leg (e.g., '4').

Field Type: Numeric.

Major Owning Jurisdiction

Variable Name: JURISDICTN_MAJOR

Definition: Type of jurisdictional ownership associated with the major leg (e.g., 'State hwy').

Field Type: Text.

Major Paved Shoulder Width

Variable Name: SHLDPAVED_MAJOR

Definition: Total width of the paved shoulder on the major leg in feet. This represents the sum of both sides of the road (e.g., '8').

Field Type: Numeric.

Major Right Shoulder Type

Variable Name: SHLDTYPERT_MAJOR

Definition: Type of shoulder on the right side (i.e., in the direction of increasing mileposts) of the major leg (e.g., 'Curb present').

Field Type: Text.

Major Right Shoulder Width

Variable Name: SHLDWDTHRT_MAJOR

Definition: Width of the shoulder on the right side (i.e., in the direction of increasing mileposts) of the major leg in feet (e.g., '4').

Field Type: Numeric.

Major Right Turn Lane Count

Variable Name: RTTURN_NUM_MAJOR

Definition: Number of right turn lanes on the major leg. This is the sum of all right turn lanes on major approaches (e.g., '1').

Field Type: Numeric.

Major Right Turn Lane Width

Variable Name: TRLNWDRT_MAJOR

Definition: Total width of the right turn lane(s) on the major leg in feet (e.g., '20').

Field Type: Numeric.

Major Route ID

Variable Name: ROUTE_MAJOR

Definition: *Route ID* of the major leg (e.g., '0126X').

Field Type: Text.

Major Street Name

Variable Name: STRTNAME_MAJOR

Definition: Common street name of the major leg (e.g., 'SABATTUS RD').

Field Type: Text.

Major Surface Type

Variable Name: SURFTY_MAJOR

Definition: Surface type on the major leg (e.g., 'Flexible').

Field Type: Text.

Major Through Lane Width

Variable Name: THRULNWDTH_MAJOR

Definition: Total width of the through lanes on the major leg in feet (e.g., '36').

Field Type: Numeric.

Major Through Lanes

Variable Name: THRULN_MAJOR

Definition: Total number of through lanes on the major leg (e.g., '3').

Field Type: Numeric.

Major Total Paved Width

Variable Name: PAVED_TOTAL_MAJOR

Definition: Total width of paved surface on the major leg in feet (e.g., '44').

Field Type: Numeric.

Major Total Shoulder Width

Variable Name: SHLDWIDTHTOTAL_MAJOR

Definition: Total combined (i.e., both sides of the road) width of the shoulder (paved or not) on the major leg in feet (e.g., '8').

Field Type: Numeric.

Major Total Travel Width

Variable Name: TRAVEL_TOTAL_MAJOR

Definition: Total width of the travel lanes (paved or not) on the major leg in feet (e.g., '36').

Field Type: Numeric.

Major Total Width

Variable Name: WIDTH_TOTAL_MAJOR

Definition: Total width of travel lanes and shoulders (paved or not) on the major leg in feet (e.g., '44').

Field Type: Numeric.

Major Town Name

Variable Name: TOWNNAME_MAJOR

Definition: Town associated with the major approach leg (e.g., 'Sabattus').

Field Type: Text.

Major Truck Lane Width

Variable Name: CLLNWDTRK_MAJOR

Definition: Width of the truck lane(s) on the major leg in feet (e.g., '24').

Field Type: Numeric.

Major Truck Lanes

Variable Name: TRK_CLI_LN_MAJOR

Definition: Total number of truck climbing lanes on the major leg (e.g., '1').

Field Type: Numeric.

Minor Angle

Variable Name: LEG_ANGLE_MINOR

Definition: Bearing in degrees (0-360) of the minor leg, where 90 degrees is due north and 270 degrees is due south (e.g., '211').

Field Type: Numeric.

Minor Average Median Width

Variable Name: MEDIAN_AVG_WIDTH_MINOR

Definition: Average width of the median on the minor leg in feet (e.g., '8').

Field Type: Numeric.

Minor Center Turn Lane

Variable Name: MINOR_LEG_CENTER_TURN_COUNT

Definition: Number of center turn lanes on the minor leg (e.g., '1').

Field Type: Numeric.

Minor Center Turn Lane Width

Variable Name: TRLNWDCTR_MINOR

Definition: Total width of the center turn lanes on the minor leg in feet (e.g., '12').

Field Type: Numeric.

Minor County Name

Variable Name: CNTYNAME_MINOR

Definition: County in which the minor leg is located (e.g., 'Androscoggin').

Field Type: Text.

Minor Factored AADT

Variable Name: FAADT_MINOR

Definition: Factored AADT at the minor leg. Factored AADT are traffic counts adjusted according to a factor applied to locations of similar context (e.g., '915').

Field Type: Numeric.

Minor Federal Functional Class

Variable Name: FEDFUNCCLS_MINOR

Definition: Federal functional class associated with the minor leg (e.g., 'Local').

Field Type: Text.

Minor Left Shoulder Type

Variable Name: SHLDTYPELT_MINOR

Definition: *Definition*: Type of shoulder associated with the left side (i.e., in the direction of increasing mileposts) of the minor leg (e.g., 'Gravel').

Field Type: Text.

Minor Left Shoulder Width

Variable Name: SHLDWDTHLT_MINOR

Definition: Width of the shoulder on the left side of the minor leg in feet (e.g., '2').

Field Type: Numeric.

Minor Left Turn Lane Count

Variable Name: MINOR_LEG_LEFT_TURN_COUNT

Definition: Number of left turn lanes on the minor legs. This is the sum of all left turn lanes on minor approaches (e.g., '0').

Field Type: Numeric.

Minor Left Turn Lane Width

Variable Name: TRLNWDLT_MINOR

Definition: Width of the shoulder on the left side (i.e., in the direction of increasing mileposts) of the minor leg in feet (e.g., '12').

Field Type: Numeric.

Minor Maine DOT Region Name

Variable Name: MREG_NAME_MINOR

Definition: MaineDOT Region associated with the minor leg (e.g., 'Southern').

Field Type: Text.

Minor Median Type

Variable Name: MEDIAN_TYPE_DECODE_MINOR

Definition: Type of median on the minor leg (e.g., 'Curbed').

Field Type: Text.

Minor Number of Lanes

Variable Name: NUM_LANES_MINOR

Definition: Average number of lanes on a minor leg (e.g., '2').

Field Type: Numeric.

Minor Owning Jurisdiction

Variable Name: JURISDICTN_MINOR

Definition: Type of jurisdictional ownership associated with the minor leg (e.g., 'Townway')

Field Type: Text.

Minor Paved Shoulder Width

Variable Name: SHLDPAVED_MINOR

Definition: Total width of the paved shoulder on the minor leg in feet. This represents the sum of both sides of the road (e.g., '0').

Field Type: Numeric.

Minor Right Shoulder Type

Variable Name: SHLDTYPERT_MINOR

Definition: Type of shoulder on the right side (i.e., in the direction of increasing mileposts) of the minor leg (e.g., 'No shoulder').

Field Type: Text.

Minor Right Shoulder Width

Variable Name: SHLDWDTHRT_MINOR

Definition: Width of the shoulder on the right side (i.e., in the direction of increasing mileposts) of the minor leg in feet (e.g., '2').

Field Type: Numeric.

Minor Right Turn Lane Count

Variable Name: RTTURN_NUM_MINOR

Definition: Number of right turn lanes on the minor leg. This is the sum of all right turn lanes on minor approaches (e.g., '1').

Field Type: Numeric.

Minor Right Turn Lane Width

Variable Name: TRLNWDRT_MINOR

Definition: Total width of the right turn lane(s) on the minor leg in feet (e.g., '10').

Field Type: Numeric.

Minor Route ID

Variable Name: ROUTE_MINOR

Definition: *Route ID* of the minor leg(s) (e.g., '0140014,3209306').

Field Type: Text.

Minor Street Name

Variable Name: STRTNAME_MINOR

Definition: Common street name of the minor leg (e.g., 'MAIN ST').

Field Type: Text.

Minor Surface Type

Variable Name: SURFTY_MINOR

Definition: Surface type on the minor leg (e.g., 'Gravel').

Field Type: Text.

Minor Through Lane Width

Variable Name: THRULNWDTH_MINOR

Definition: Total width of the through lanes on the minor leg in feet (e.g., '16').

Field Type: Numeric.

Minor Through Lanes

Variable Name: THRULN_MINOR

Definition: Total number of through lanes on the minor leg (e.g., '1').

Field Type: Numeric.

Minor Total Paved Width

Variable Name: PAVED_TOTAL_MINOR

Definition: Total width of paved surface on the minor leg in feet (e.g., '24').

Field Type: Numeric.

Minor Total Shoulder Width

Variable Name: SHLDWIDTHTOTAL_MINOR

Definition: Total combined (i.e., both sides of the road) width of the shoulder (paved or not) on the minor leg in feet (e.g., '4').

Field Type: Numeric.

Minor Total Travel Width

Variable Name: TRAVEL_TOTAL_MINOR

Definition: Total width of the travel lanes (paved or not) on the minor leg in feet (e.g., '24').

Field Type: Numeric.

Minor Total Width

Variable Name: WIDTH_TOTAL_MINOR

Definition: Total width of travel lanes and shoulders (paved or not) on the minor leg in feet (e.g., '28').

Field Type: Numeric.

Minor Town Name

Variable Name: TOWNNAME_MINOR

Definition: Town associated with the minor approach leg (e.g., 'Sabattus').

Field Type: Text.

Minor Truck Lane Width

Variable Name: CLLNWDTRK_MINOR

Definition: Width of the truck lane(s) on the minor leg in feet (e.g., '12').

Field Type: Numeric.

Minor Truck Lanes

Variable Name: TRK_CLI_LN_MINOR

Definition: Total number of truck climbing lanes on the minor leg (e.g., '1').

Field Type: Numeric.

Intersection Node File

MPO

Variable Name: NODE_MPO

Definition: The MPO in which the node is located.

Field Type: Coded.

'ATRC'	Androscoggin Transportation Resource Center
'BACTS'	Bangor Area Comprehensive Transportation System
'KACTS EAST'	Kittery Area Comprehensive Transportation System East
'KACTS WEST'	Kittery Area Comprehensive Transportation System West
'PACTS'	Portland Area Comprehensive Transportation System

NHS

Variable Name: NODE_NHS

Definition: Indicator that the node is part of the NHS. More information on the NHS can be found at FHWA's Office of Planning, Environment, & Realty.

Field Type: Coded.

'Y'	Yes
'N'	No

Node Description

Variable Name: NODE_DESCR

Definition: Description of the node that includes the road name(s) intersecting the node (e.g., 'Int of CLARKS POND RD JOHN ROBERTS RD').

Field Type: Text.

Node ID

Variable Name: NODE_ID

Definition: Unique ID of the node (e.g., '67654').

Field Type: Numeric.

Node Primary Route Milepost

Variable Name: NODE_MP

Definition: The milepost associated with the primary (i.e., 'major') route. This will match NODE_MPS in most cases; however, there are instances where a node will have multiple mile points (i.e., a road intersecting itself), and this column will include just one of the primary route mile points (e.g., '5.47').

Field Type: Numeric.

Node Primary Route Milepost

Variable Name: NODE_MPS

Definition: A complete list of mileposts associated with the primary (i.e., 'major') route. If the node is self-intersecting such as a cul de sac or a loop rood, then this variable will list out the different primary route mile points associated to the node (e.g., '5.47').

Field Type: Numeric.

Number of Entering Legs

Variable Name: SUM_INCNT

Definition: Number of approach legs with traffic entering the intersection node. An approach leg with two-way traffic will count toward entering and exiting approach legs (e.g., '4').

Field Type: Numeric.

Number of Exiting Legs

Variable Name: SUM_OUTCNT

Definition: Number of approach legs with traffic exiting the intersection node. An approach leg with two-way traffic will count toward entering and exiting approach legs (e.g., '4').

Field Type: Numeric.

One Way Leg Count

Variable Name: ONEWAY_COUNT

Definition: Number of intersection approach legs coded as one way (e.g., '2').

Field Type: Numeric.

Primary Route ID

Variable Name: PRIRTECODE

Definition: The primary *Route ID* (i.e., 'major' *Route ID*) associated with the node. This includes Route IDs for alternate modes, such as railroad, ferry, and trail links, that are not available in HSIS (e.g., '0126X').

Field Type: Text.

Rail Node Indicator

Variable Name: RAIL_NODE

Definition: An indicator that the node is part of the Railroad System.

Field Type: Coded.

'Y'	Yes
'N'	No

Region Name 1

Variable Name: REGIONNAME1

Region Name 2

Variable Name: REGIONNAME2

Definition: The name of the Maine DOT region in which the node is located. If node falls along a region border, a second region applies (e.g., 'SOUTHERN').

Field Type: Text.

Rural Leg Count (Federal)

Variable Name: FURB_RURAL_COUNT

Definition: The number of legs at the intersection with a rural classification using Federal designation (e.g., '3').

Field Type: Numeric.

Rural Leg Count (State)

Variable Name: SURB_RURAL_COUNT

Definition: The number of legs at the intersection with a rural classification using the State's designation (e.g., '3').

Field Type: Numeric.

Signalized Indicator

Variable Name: SIGNALIZED

Definition: Indicator that the node represents a signalized intersection.

Field Type: Coded.

"Y'	Yes
'N'	No

Town Name 1

Variable Name: TOWN1

Town Name 2

Variable Name: TOWN2

Definition: The name of the town in which the node is located. If node falls along a town border, a second town applies (e.g., 'SABATTUS').

Field Type: Text.

Trail Node Indicator

Variable Name: TRAIL_NODE

Definition: An indicator that the node is part of the Trail System.

Field Type: Coded.

"Y'	Yes
'N'	No

Type of Signal

Variable Name: SIGNAL_BEACON

Definition: The type of signal at the node, if applicable (e.g., 'Beacon').

Field Type: Text.

Urban Leg Count (Federal)

Variable Name: FURB_URBAN_COUNT

Definition: The number of legs at the intersection with an urban classification using Federal designation (e.g., 4).

Field Type: Numeric.

Urban Leg Count (State)

Variable Name: SURB_URBAN_COUNT

Definition: The number of legs at the intersection with a rural classification using the State's designation (e.g., '4').

Field Type: Numeric.

Urbanized (Federal)

Variable Name: FEDERAL_URBANIZED

Definition: Indicator that node is in an urbanized area according to Federal designation.

Field Type: Coded.

"Y'	Yes
'N'	No

Urbanized (State)

Variable Name: STATE_URBANIZED

Definition: Indicator that node is in an urbanized area according to Sate designation.

Field Type: Coded.

"Y'	Yes
'N'	No

Interchange File

Exit Label

Variable Name: EXIT_TEXT

Definition: Concatenation of the *Exit Number* with the word 'Exit' to represent to common name (e.g., 'Exit 124').

Field Type: Text.

Exit Number

Variable Name: EXIT_NUM

Definition: The formal exit number noted on signage. This is associated with mileage on the applicable interstate or freeway; however, it is not the *Milepost* associated with the *Route ID* for locational purposes (e.g., '124').

Field Type: Numeric.

Interstate Route Designation

Variable Name: RTDESIGN

Definition: The interstate or freeway associated with the interchange (e.g., 'I95').

Field Type: Text.

Latitude

Variable Name: LAT

Definition: Latitude of the interchange point (e.g., '44.4531524').

Field Type: Numeric.

Longitude

Variable Name: LONG_

Definition: Longitude of the interchange point (e.g., '-69.71633883').

Field Type: Numeric.

Old Exit Number

Variable Name: OLDEXITNUM

Definition: Old exit number prior to change to mile point designation. This represents a sequential system regardless of mile point location (e.g., '31').

Field Type: Numeric.

Old Interstate Route Designation

Variable Name: OLD_ROUTE

Definition: Old interstate route number prior to I-295, I-95, and I-495 changes (e.g., 'I495').

Field Type: Text.

Crash File

County Name

Variable Name: COUNTY_NAME

Definition: Name of the county in which the crash occurred (e.g., 'Hancock').

Field Type: Text.

Crash Date

Variable Name: ACCIDENT_DATE

Definition: Date when the crash occurred (MM/DD/YYYY).

Field Type: Date.

Crash Hour

Variable Name: ACCIDENT_HOUR

Definition: Hour of day when the crash occurred on a 24-hour clock.

Field Type: Numeric.

Crash ID

Variable Name: MDOTID

Definition: Unique ID of the crash that is used to link to the Commercial, Person, and Unit files (e.g., '2020-2139').

Field Type: Text.

Crash Location

Variable Name: TYPE_OF_LOCATION_DESCR

Definition: Characterization of the crash location (e.g., 'Straight Road')

Field Type: Text.

Crash Type

Variable Name: TYPE_OF_CRASH_DESCR

Definition: The characterization of the type of collision that occurred in the crash (e.g., 'Rear End / Sideswipe').

Field Type: Text.

Crash File

Crash Year

Variable Name: ACCIDENT_YEAR

Definition: Year that the crash occurred (e.g., '2020').

Field Type: Numeric.

Day of Week

Variable Name: ACCIDENT_DAY_OF_WEEK

Definition: Day of week when the crash occurred (e.g., 'Monday').

Field Type: Text.

Environmental Circumstance 1

Variable Name: CONTRIB_CIRC_ENV1_DESCR

Environmental Circumstance 2

Variable Name: CONTRIB_CIRC_ENV2_DESCR

Definition: Environmental condition that contributed to the crash if applicable. If there are multiple environmental contributing circumstances, the first one is recorded in the Circumstance 1 variable, the second in the Circumstance 2 variable (e.g., 'Weather Conditions').

Field Type: Text.

First Harmful Event Location

Variable Name: LOC_FIRST_HARMFUL_EVENT_DESCR

Definition: Location of the first harmful event when the crash occurred (e.g., 'On Roadway').

Field Type: Text.

Investigating Agency

Variable Name: REPORTING_AGENCY_DESCR

Definition: The agency or police department that was responsible for reporting and investigating the crash (e.g., 'Portland Police Department').

Field Type: Text.

Light Condition

Variable Name: LIGHT_CONDITION_DESCR

Definition: The type/level of light that existed at the time of the crash (e.g., 'Daylight').

Field Type: Text.

Location Type

Variable Name: LOCATION_TYPE

Definition: Indicator that the crash occurred on a segment (ELEMENT) or an intersection (NODE) (e.g., 'ELEMENT').

Field Type: Text.

Milepost

Variable Name: PRIMARY_ROUTE_MP

Definition: Milepost of the crash. This can be used to link the crash to Roadway and Intersection Node files (e.g., '0.03')

Field Type: Numeric.

Number of A Injuries

Variable Name: NO_OF_A_INJ

Definition: Total number of suspected serious (A) injuries in the crash (e.g., '1').

Field Type: Numeric.

Number of B Injuries

Variable Name: NO_OF_B_INJ

Definition: Total number of suspected minor (B) injuries in the crash (e.g., '1').

Field Type: Numeric.

Number of C Injuries

Variable Name: NO_OF_C_INJ

Definition: Total number of possible (C) injuries in the crash (e.g., '1').

Field Type: Numeric.

Number of Fatalities

Variable Name: NO_OF_K_INJ

Definition: Total number of persons killed in the crash (e.g., '1').

Field Type: Numeric.

Number of Non-Injured

Variable Name: NO_OF_NON_INJ

Definition: Total number of persons present but uninjured in the crash (e.g., '3')

Field Type: Numeric.

Route ID

Variable Name: PRIMARY_ROUTE_NUMBER

Definition: Route ID for the primary route on which the crash occurred. This variable, along with *Milepost* variable, can be used to link the Crash file to the Roadway and Intersection Node files (e.g., '0001X').

Field Type: Text.

Road Circumstances 1

Variable Name: CONTRIB_CIRC_ROAD1_DESCR

Road Circumstances 2

Variable Name: CONTRIB_CIRC_ROAD2_DESCR

Definition: Road condition that contributed to the crash if applicable. If there are multiple contributing circumstances, the first one is recorded in the Road 1 variable, the second in the Road 2 variable (e.g., 'Obstruction in Roadway').

Field Type: Text.

Road Grade

Variable Name: ROAD_GRADE_DESCR

Definition: Vertical grade characterization of roadway where the crash occurred (e.g., 'On Grade').

Field Type: Text.

Roadway Class*

Variable Name: RODWYCLS

Definition: Roadway Class. This variable is developed by the HSIS Laboratory for the purposes of readily classifying roadway data. This variable is a combination of the *Number of Lanes*, *Median Type*, and *Functional Class* variables, and Census Urban Places data (e.g., Rural 2 Lane Roads).

Field Type: Text.

* Variable created or edited by HSIS Lab

Values:

Urban Freeways
Urban Freeways Less than 4 Lanes
Urban 2 Lane Roads
Urban Multilane Divided Non-Freeway
Urban Multilane Undivided Non-Freeway
Rural Freeways
Rural Freeways Less than 4 Lanes
Rural 2-Lane Roads
Rural Multilane Divided Non-Freeway
Rural Multilane Undivided Non-Freeway
Others

Severity

Variable Name: INJURY_LEVEL

Definition: The highest severity of the crash on the KABCO scale.

Field Type: Coded.

'K'	'Fatal'
'A'	'Suspected Serious Injury'
'B'	'Suspected Minor Injury'
'C'	'Possible Injury'
'PD'	'Property Damage Only'

Surface Condition

Variable Name: ROAD_SURF_COND_DESCR

Definition: The condition of the road surface where the crash occurred (e.g., 'Wet').

Field Type: Text.

Traffic Control Device

Variable Name: TRAFFIC_CONTROL_DEVICE_DESCR

Definition: Traffic control device present where the crash occurred (e.g., 'Traffic Signals (Stop & Go)').

Field Type: Text.

Weather Condition

Variable Name: WEATHER_CONDITION_DESCR

Definition: Weather conditions when the crash occurred (e.g., 'Cloudy').

Field Type: Text.

Work Zone Crash Location

Variable Name: WORKZONE_LOCATION_DESCR

Definition: Description of the work zone location if applicable (e.g., 'Activity Area').

Field Type: Text.

Work Zone Type

Variable Name: WORKZONE_TYPE_DESCR

Definition: Description of the work zone if applicable. (e.g., 'Lane Closure').

Field Type: Text.

Unit File

Action Prior to Crash

Variable Name: PRECRASH_ACTIONS_DESCR

Definition: Unit's action prior to crash occurring (e.g., 'Making left turn').

Field Type: Text.

Contributing Circumstances

Variable Name: CNTRIB_CIRCUM_DESCR

Definition: General note of the contributing circumstances associated with the unit (e.g., 'Brakes').

Field Type: Text.

Crash ID

Variable Name: MDOTID

Definition: Unique ID of the crash that is used to link to the Commercial, Crash, and Person files (e.g., '2020-2139').

Field Type: Text.

Most Harmful Event

Variable Name: MOST_HARMFUL_EVENT_DESCR

Definition: Most harmful event associated with the unit participating in the crash (e.g., 'Motor Vehicle in Transport').

Field Type: Text.

Sequence of Events 1

Variable Name: SEQ_OF_EVENTS1_DESCR

Sequence of Events 2

Variable Name: SEQ_OF_EVENTS2_DESCR

Sequence of Events 3

Variable Name: SEQ_OF_EVENTS3_DESCR

Sequence of Events 4

Variable Name: SEQ_OF_EVENTS4_DESCR

Definition: Description of each event in the crash sequence for this unit (e.g., 'Went Off Roadway Right').

Field Type: Text.

Special Vehicle Use

Variable Name: SPECIAL_FUNC_VEHICLE_DESCR

Definition: Special circumstances or use associated with the unit (e.g., 'Military').

Field Type: Text.

Unit ID

Variable Name: UNIT_ID

Definition: The unique ID of the unit in the crash. This variable is used to link this file to the Commercial and Person files (e.g., '2').

Field Type: Numeric.

Unit Type

Variable Name: UNIT_TYPE_DESCR

Definition: Type of vehicle or non-motorized unit involved in the crash (e.g., 'Passenger Car').

Field Type: Text.

Vehicle Configuration

Variable Name: VEHICLE_CONFIG_DESCR

Definition: Special configuration type associated with vehicle (if applicable). This typically applies to trucks, buses, or other commercial (i.e., non-passenger) vehicles (e.g., 'Single-Unit Truck (2 axles, 6 tires)').

Field Type: Text.

Commercial Vehicle File

Bus Type

Variable Name: BUS_USE_DESCR

Definition: Indicator that a bus was involved in the crash, and if so, what type (e.g., 'Transit').

Field Type: Text.

Cargo Body Type

Variable Name: CARGO_BODYTYPE_DESCR

Definition: Vehicle body type involved in the crash (e.g., 'Van/Enclosed Box').

Field Type: Text.

Cargo Amount

Variable Name: CARGO_CODE_DESCR

Definition: Indicator of the general amount of cargo present on the commercial vehicle (e.g., 'Loaded').

Field Type: Text.

Carrier Type

Variable Name: CARRIER_TYPE_DESCR

Definition: General type of commercial carrier that was involved in the crash (e.g., 'Interstate Carrier').

Field Type: Text.

Commodity Description

Variable Name: COMMODITY_DESCR

Definition: General description of the commodity or cargo that the vehicle was carrying during the time of the crash (e.g., 'Forest Products').

Field Type: Text.

Crash ID

Variable Name: MDOTID

Definition: Unique ID of the crash that is used to link to the Crash, Person, and Vehicle files (e.g., '2020-2139').

Field Type: Text.

Hazmat Class

Variable Name: HAZMAT_CLASS_DESCR

Definition: The type of hazardous material that the vehicle was transporting (null if not applicable, e.g., 'Flammable Liquids').

Field Type: Text.

Hazmat Released

Variable Name: HAZMAT_RELEASED

Definition: Indicator that hazardous material was released from the vehicle (e.g., 'Yes').

Field Type: Text.

Unit ID

Variable Name: UNIT_ID

Definition: The unique ID of the vehicle as a single unit in the crash. This variable is used to link this file to the Unit and Person files (e.g., '2').

Field Type: Numeric.

Person File

Bike Maneuver

Variable Name: BICYCLIST_MANEUVERS_DESCR

Definition: Indicator of the bicyclist action at the time of the crash (null if not applicable; e.g., 'Bicycle – Riding Across Traffic').

Field Type: Text.

Crash ID

Variable Name: MDOTID

Definition: Unique ID of the crash that is used to link this file to the Commercial, Crash, and Unit files (e.g., '2020-2139').

Field Type: Text.

Driver Action 1

Variable Name: DRIVER_ACTION1_DESCR

Driver Action 2

Variable Name: DRIVER_ACTION2_DESCR

Definition: Indicator of a driver-related contributing action if applicable (e.g., 'Followed Too Closely').

Field Type: Text.

Driver Distraction

Variable Name: DRIVER_DISTRACTED_DESCR

Definition: Indicator that the driver was distracted; this also includes the type of distraction if applicable (e.g., 'Other Activity, Electronic Device').

Field Type: Text.

Non-Motorist Action Prior

Variable Name: NONMOTOR_ACT_PRIOR_DESCR

Definition: Pedestrian or other non-motorist action prior to the time of collision (e.g., 'Walking/Cycling on Sidewalk').

Field Type: Text.

Non-Motorist Location

Variable Name: NONMOTOR_LOCATION_DESCR

Definition: Pedestrian or other non-motorist location at the time of the crash (e.g., 'Intersection – Marked Crosswalk').

Field Type: Text.

Pedestrian Action 1

Variable Name: NONMOTOR_ACT1_TIME_OF_DESCR

Pedestrian Action 2

Variable Name: NONMOTOR_ACT2_TIME_OF_DESCR

Definition: Indicator of the non-motorist (i.e., bicyclist or pedestrian) action at the time of the crash (null if not applicable; e.g., 'Dart/Dash').

Field Type: Text.

Pedestrian Maneuver

Variable Name: PEDESTRIAN_MANEUVERS_DESCR

Definition: Indicator of the pedestrian action at the time of the crash. This is different than the *Non-Motorist Action Prior* variable, as it is not intended to be used as a contributing circumstance (e.g., 'Crossing With Signal').

Field Type: Text.

Person Age

Variable Name: PERSON_AGE

Definition: The age of the person involved in the crash.

Field Type: Numeric.

Person Sex

Variable Name: PERSON_SEX_DESCR

Definition: Sex of the person involved in the crash (e.g., 'Male').

Field Type: Text.

Physical Condition

Variable Name: COND_TIME_OF_CRASH_DESCR

Definition: Physical condition of the person involved in the crash when the crash occurred (e.g., 'Asleep or Fatigued').

Field Type: Text.

Seat Position

Variable Name: SEAT_POSITION_SEAT_DESCR

Definition: Seating position of the person in the applicable vehicle (null if not applicable to a non-motorist; e.g., 'Left (driver for most vehicles').

Field Type: Text.

Unit ID

Variable Name: UNIT_ID

Definition: The unique ID of the unit in the crash. This variable is used to link this file to the Commercial and Unit files (e.g., '2').

Field Type: Numeric.

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File	Variable Name	Variable	Description of Change	Year of Change
Accident/ Crash	ACC_DATE	Date of accident	Variable name changed to "ACCIDENT_DATE"	2016
Accident/ Crash	WEEKDAY	Day of week	Variable name changed to "ACCIDENT_DAY_OF_WEEK"	2016
Accident/ Crash	HOUR	Hour of accident	Variable name changed to "ACCIDENT_HOUR"	2016
Accident/ Crash	YEAR	Year of accident	Variable name changed to "ACCIDENT_YEAR"	2016
Accident/ Crash	B_LINK	Link = both nodes (mod)	Variable discontinued	2007
Accident/ Crash	C_HNODE	High node	Variable discontinued	2007
Accident/ Crash	C_LINK	Link – both nodes	Variable discontinued	2007
Accident/ Crash	C_LNODE	Low node	Variable discontinued	2007
Accident/ Crash	ENVCONT1	Environment contributing circumstance 1	Variable added Variable name changed to "CONTRIB_CIRC_ENV1_DESCR" Code change from categorical (number) to text	2011 2016 2016
Accident/ Crash	ENVCONT2	Environment contributing circumstance 2	Variable added Variable name changed to "CONTRIB_CIRC_ENV2_DESCR" Code change from categorical (number) to text	2011 2016 2016
Accident/ Crash	ROADCONT1	Contributing Circumstances of the road 1	Variable added Variable name changed to "CONTRIB_CIRC_ROAD1_DESCR" Code change from categorical (number) to text	2011 2016 2016
Accident/ Crash	ROADCONT2	Contributing Circumstances of the road 2	Variable added Variable name changed to "CONTRIB_CIRC_ROAD2_DESCR" Code change from categorical (number) to text	2011 2016 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Accident/ Crash	COUNTY	Maine county key	Variable name changed to "COUNTY_NAME"	2016
Accident/ Crash	CRASH_COST	Cost of crash	Variable added Variable name changed from "CRASH_COST" to "CRSH_COST" Variable discontinued	2007 2015 2016
Accident/ Crash	CRASH_LINK	Crash link	Variable added Variable name changed from "CRASH_LINK" to "CRSH_LINK" Variable discontinued	2007 2015 2016
Accident/ Crash	CRASH_OFFSET	Crash offset	Variable added Variable name changed from "CRASH_OFFSET" to "CRSH_OFFSET" Variable name changed from "CRSH_OFFSET" to "CRASH_OFFSET"	2007 2015 2016
Accident/ Crash	DAYMTH	Day of month	Variable discontinued	2009
Accident/ Crash	LIGHT	Light condition	Variable name changed to "LIGHT_CONDITION_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	LOC_HARM	First harmful event location	Variable added Variable name changed to "LOC_FIRST_HARMFUL_EVENT_ DESCR"	2011 2016
Accident/ Crash	LOC_TYP	Link or node	Variable added Variable name changed to "LOCATION_TYPE"	2007 2016
Accident/ Crash	CASENO	Accident case number	Variable name changed to "MDOTID"	2016
Accident/ Crash	MILEPOST	Distance from low node	Variable discontinued	2006
Accident/ Crash	MONTH	Month of acc	Variable discontinued	2007
Accident/ Crash	TOTAINJ	Number A injuries in crash	Variable name changed to "NO_OF_A_INJ"	2016

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File	Variable Name	Variable	Description of Change	Year of Change
Accident/ Crash	TOTBINJ	Number B injuries in crash	Variable name changed to "NO_OF_B_INJ"	2016
Accident/ Crash	TOTCINJ	Number C injuries in crash	Variable name changed to "NO_OF_C_INJ"	2016
Accident/ Crash	TOT_KILL	Number persons killed in crash	Variable name changed to "NO_OF_K_INJ"	2016
Accident/ Crash	TOT_NON	Number non-injuries in crash	Variable name changed to "NO_OF_NON_INJ"	2016
Accident/ Crash	NONINT	Non-intersection node acc	Variable discontinued	2011
Accident/ Crash	NUMVEHS	Single or multi vehicle crash	Variable discontinued	2011
Accident/ Crash	OBJECT1	Fixed objects struck	Variable discontinued	2007
Accident/ Crash	OBJSTRK	Object struck	Variable created Variable discontinued	2007 2011
Accident/ Crash	OFFSET	Milepost of crash that is used to link the crash to the Linear Referencing System	Variable created Variable name changed to "PRIMARY_ROUTE_MP"	2007 2016
Accident/ Crash	RD_CHAR1	Road character	Variable discontinued	2011
Accident/ Crash	RDCONSTR	Road construction	Variable discontinued	2011
Accident/ Crash	AGENCY	Invest. agency	Variable name changed to "REPORTING_AGENCY_DESCR"	2016
Accident/ Crash	ROADGRADE	Road grade	Variable added Variable name changed to "ROAD_GRADE_DESC" Code change from categorical (number) to text	2011 2016 2016
Accident/ Crash	RDSURF	Surface condition	Variable name changed to "ROAD_SURF_COND_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	RODWYCLS	Roadway classification	Variable discontinued	2016
Accident/ Crash	SEGMENT_ID	Segment id	Variable created Variable discontinued	2007 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Accident/ Crash	SEGMNODEID	Segment node id	Variable created Variable discontinued	2007 2016
Accident/ Crash	SEGMOFFSET	Segment offset	Variable created Variable discontinued	2007 2016
Accident/ Crash	SEVERITY	Accident severity	Variable discontinued	2016
Accident/ Crash	SPDLMT	Speed limit	Variable discontinued	2011
Accident/ Crash	TINIS_LINK_ID	TINIS link ID	Variable created Variable discontinued	2007 2011
Accident/ Crash	TINIS_LOCTYP	TINIS location type	Variable created Variable discontinued	2007 2011
Accident/ Crash	TINIS_NODE_ID	TINIS node ID	Variable created Variable discontinued	2007 2011
Accident/ Crash	TRF_CTRL	Traffic control	Variable name changed to "TRAFFIC_CONTROL_DEVICE_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	ACCTYPE	Type of accident	Variable name changed to "TYPE_OF_CRASH_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	LOC_TYPE	Location type	Variable name changed to "TYPE_OF_LOCATION_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	WEATHER	Weather – atmosphere	Variable name changed to "WEATHER_CONDITION_DESCR" Code change from categorical (number) to text	2016 2016
Accident/ Crash	WZ_LOC	Work zone crash location	Variable name changed to "WORKZONE_LOCATION_DESCR" Code change from categorical (number) to text	2016 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Accident/ Crash	WZ_AREA	Work zone type	Variable name changed to "WORKZONE_TYPE_DESCR" Code change from categorical (number) to text	2016 2016
Occupant/ Person	BIK_MANU	Bike maneuver	Variable created Variable name changed to "BICYCLIST_MANEUVERS_DESCR" Code change from categorical (number) to text	2011 2016 2016
Occupant/ Person	PHYSCOND	Physical condition of occupant	Variable created Variable discontinued Variable name changed to "COND_TIME_OF_CRASH_DESCR" Code change from categorical (number) to text	2011 2015 2016 2016
Occupant/ Person	DRV_ACTN1	Driver action1	Variable created Variable discontinued Variable name changed to "DRIVER_ACTION1_DESCR" Code change from categorical (number) to text	2011 2015 2016 2016
Occupant/ Person	DRV_ACTN2	Driver action2	Variable created Variable discontinued Variable name changed to "DRIVER_ACTION2_DESCR" Code change from categorical (number) to text	2011 2015 2016 2016
Occupant/ Person	DRV_DISTRACT	Driver distraction	Variable created Variable discontinued Variable name changed to "DRIVER_DISTRACTED_DESCR" Code change from categorical (number) to text	2011 2015 2016 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Occupant/ Person	CASENO	Accident case number	Variable name changed to "MDOTID"	2016
Occupant/ Person	PEDACT_PRIOR	Pedestrian action prior to accident	Variable created Variable discontinued Variable name changed to "NONMOTOR_ACT_PRIOR_DESCR"	2011 2015 2016
Occupant/ Person	PEDACT1	Pedestrian action 1	Variable created Variable discontinued Variable name changed to "NONMOTOR_ACT1_TIME_OF_DESCR"	2011 2015 2016
Occupant/ Person	PEDACT2	Pedestrian action 2	Variable created Variable discontinued Variable name changed to "NONMOTOR_ACT2_TIME_OF_DESCR"	2011 2015 2016
Occupant/ Person	PED_LOC	Pedestrian location	Variable created Variable discontinued Variable name changed to "NONMOTOR_LOCATION_DESCR"	2011 2015 2016
Occupant/ Person	PED_MANU	Pedestrian maneuver	Variable created Variable discontinued Variable name changed to "PEDESTRIAN_MANEUVERS_DESCR"	2011 2015 2016
Occupant/ Person	AGE	Occupant age	Variable name changed to "PERSON_AGE"	2016
Occupant/ Person	SEX	Occupant sex	Variable name changed to "PERSON_SEX_DESCR"	2016
Occupant/ Person	SEATPOS	Seat position	Variable name changed to "SEAT_POSITION_SEAT_DESCR"	2016
Occupant/ Person	VEHNO	Vehicle number	Variable name changed to "UNIT_ID"	2016
Roadway	A_HNODE	Highnode of link	Variable discontinued	2007
Roadway	A_LINK	Link = both nodes	Variable discontinued	2007

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	A_LNODE	Low node of link	Variable discontinued	2007
Roadway	AADT	Annual avg daily traffic	Variable missing	2011-2013
Roadway	AADT_TYP	AADT type (ext. or actual)	Variable missing Variable name changed to "AADT_TYPE_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	AADT_YR	Year of current AADT	Variable missing Variable name changed to "AADT_YEAR" Code change from categorical (number) to text	2013 2016 2016
Roadway	AADTC	AADT capacity	Variable discontinued	2016
Roadway	ACCESS	Access control	Variable missing Variable name changed to "ACCESS_CONTROL_DESCR" Code change from categorical (number) to text	2011-2015 2016 2016
Roadway	JRSD_AGENY	Segment owner	Variable created Variable missing Variable name changed to "AGENCY_DESCR" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	PRIM_BMP	Primary route begin milepost	Variable created Variable missing "BEGIN_SECTION_MP"	2007 2013 2016
Roadway	BEGMP	Position where sub-link begins	Variable discontinued	2016
Roadway	C_RESERV	Public land use type	Variable missing Variable discontinued	2011-2013 2016
Roadway	TRNLNCTR	No of center turning lanes	Variable created Variable missing Variable name changed to "CENTER_TURN_LANE_COUNT"	2007 2011-2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	TRLNWDCTR	Center turn lane width	Variable created Variable missing Variable name changed to "CENTER_TURN_LANE_WIDTH"	2007 2011-2013 2016
Roadway	COUNTY	Maine county key	Variable missing Variable name changed to "COUNTY_NAME" Code change from categorical (number) to text	2013 2016 2016
Roadway	DEFHWAY	Defense highway	Missing Variable discontinued	2011-2013 2016
Roadway	DIVIDED_INV	Divided inventory section	Variable added Variable discontinued	2007 2016
Roadway	SEGMENT_ID	Segment ID	Variable created Variable missing Variable name changed to "ELEMENT_ID"	2007 2013 2016
Roadway	SEG_LNG	Sub-link length in miles	Variable missing Variable name changed to "ELEMENT_LENGTH"	2013 2016
Roadway	PRIM_EMP	Primary route end milepost	Variable created Variable missing Variable name changed to "END_SECTION_MP"	2007 2013 2016
Roadway	ENDMP	Position where sub-link ends	Variable discontinued	2016
Roadway	AADTF_YR	Year of factored AADT	Variable missing Variable name changed to "FACTOR_YEAR"	2011-2013 2016
Roadway	AADTF	Factored AADT	Variable missing Variable name changed to "FACTORED_AADT"	2011-2013 2016
Roadway	FED_AID	Federal aid designation	Variable missing Variable discontinued	2011-2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	FUNC_CLS	Functional class	Variable missing Variable name changed to "FEDERAL_FUNCTIONAL_CLASS_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	RURURB	Rural / urban code	Variable missing Variable name changed to "FEDERAL_URBAN_RURAL_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	FIFTY5	Posted 55/65 mph zone	Variable discontinued	1998
Roadway	HPMS1	Hpms section indicator	Variable discontinued	2016
Roadway	INV_CNTL	Route type indicator	Variable discontinued	2007
Roadway	IRI	International roughness index	Variable missing Variable discontinued	2011-2013 2016
Roadway	JURISABBR	Jurisdiction abbreviation	Variable created Variable missing Variable name changed to "JURISDICTION_ABBREVIATION"	2007 2013 2016
Roadway	JURIS	Jurisdiction code	Variable missing Variable name changed to "JURISDICTION_CODE" Code change from categorical (number) to text	2013 2016 2016
Roadway	SURF_TYP	Surface type	Variable missing Variable name changed to "LANE_SURFACE_TYPE_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	LSHL_TYP	Left shoulder type	Variable missing Variable name changed to "LEFT_SHOULDER_TYPE_DESCR" Code change from categorical (number) to text	2011-2015 2016 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	LSHLDWID	Left shoulder width	Variable missing Variable name changed to "LEFT_SHOULDER_WIDTH"	2011-2013 2016
Roadway	LTTURN_NUM	No of left turn lanes	Variable created Variable missing Variable name changed to "LEFT_TURN_LANE_COUNT"	2007 2011-2013 2016
Roadway	TRLNWDLT	Left turn lane width	Variable created Variable missing Variable name changed to "LEFT_TURN_LANE_WIDTH"	2007 2011-2013 2016
Roadway	LENGTH	Official sub-link mileage	Variable created Variable discontinued	1995 2007
Roadway	LOS_PKHR	Peak hour level of service	Variable missing Variable discontinued	2011-2013 2016
Roadway	AVGMEDWID	Average median width	Variable created Variable missing Variable name changed to "MEDIAN_AVERAGE_WIDTH"	2007 2011-2013 2016
Roadway	MED_BARRIER	Median barrier	Variable created Variable missing Variable name changed to "MEDIAN_TYPE_DESCR" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	MPO	Metropolitan planning organization	Variable created Variable missing	2007 2013
Roadway	MVMT	Million vehicle miles travelled	Variable discontinued	2011

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	TRK_RTE	Designated truck route	Variable missing Variable name changed to "NATIONAL_TRUCK_NETWORK_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	NHS	National highway system	Variable discontinued	2014
Roadway	C_NHS_CONNECTOR	NHS connector status	Variable created Variable missing Variable name changed to "NHS_TYPE_DESCR" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	NO_LANES	Number of lanes	Variable discontinued	2016
Roadway	OFFIC_MILES	Office miles indicator	Variable created Variable missing Variable name changed to "OFFICIAL_MILES"	2007 2013 2016
Roadway	ONEWAY	One-way indicator	Variable missing Variable name changed to "ONE_WAY_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	JRSD_OWNER	Segment owner type	Variable created Variable missing Variable name changed to "OWNER_DESCR"	2007 2011-2013 2016
Roadway	PCR	Pavement condition rating	Variable missing Variable discontinued	2013 2016
Roadway	POP_GRP	Town population	Variable missing Variable discontinued	2011-2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	PRIRTECODE	Priority route code	Variable created Variable missing Variable name changed to "PRIMARY_ROUTE_NUMBER"	2007 2013 2016
Roadway	PROBLEM	Distance problem flag	Variable discontinued	2007
Roadway	RAMP	Ramp	Variable missing Variable name changed to "RAMP_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	RSHL_TYP	Right shoulder type	Variable created Variable missing Variable name changed to "RIGHT_SHOULDER_TYPE_DESCR" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	RSHLDWID	Right shoulder width	Variable missing Variable name changed to "RIGHT_SHOULDER_WIDTH"	2011-2013 2016
Roadway	RTTURN_NUM	Number of right turning lanes	Variable created Variable missing Variable name changed to "RIGHT_TURN_LANE_COUNT"	2007 2011-2013 2016
Roadway	TRLNWDRT	Right turn lane width	Variable created Variable missing Variable name changed to "RIGHT_TURN_LANE_WIDTH"	2007 2011-2013 2016
Roadway	THRUTYPERD	Through road type	Variable created Variable missing Variable name changed to "ROADWAY_TYPE_DESCR"	2007 2013 2016
Roadway	RODWYCLS	Roadway classification	Variable missing Variable discontinued	2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	PRIRTENAME	Priority route name	Variable created Variable missing Variable name changed to "ROUTE_NAME"	2007 2013 2016
Roadway	PRIRTETYPE	Priority route type	Variable created Variable missing Variable name changed to "ROUTE_TYPE" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	RTE_NBR	Route or inventory number	Variable discontinued	2007
Roadway	RTE_TYPE	State highway designation num	Variable discontinued	2007
Roadway	RUTLT	Rut left	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	RUTRT	Rut right	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	S_FUNC	State functional class	Variable discontinued	2007
Roadway	SPEED_AVG	Average speed	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	SPEED_PKHR	Estimated peak hour speed	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	SPEEDSRC	Speed limit source	Variable created Variable missing Variable name changed to "SPEEDSRC"	2007 2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	SPEEDZN_ID	Speed zone identification	Variable created Variable missing Variable discontinued	2007 2013 2016
Roadway	STHYDSG	State highway design	Variable created Variable missing Variable name changed to "STATE_DESIG_TYPE_DESCR" Code change from categorical (number) to text	2007 2013 2016 2016
Roadway	RURURB	Rural / urban code	Variable missing Variable name changed to "STATE_URBAN_RURAL_DESCR" Code change from categorical (number) to text	2013 2016 2016
Roadway	C_STR_HIGH	Strategic highway network designation	Variable created Variable missing Variable name changed to "STRATEGIC_HIGHWAY_NETWORK_DESC" Code change from categorical (number) to text	2007 2011-2013 2016 2016
Roadway	STR_NAME	Street name	Variable missing Variable name changed to "STREETNAME"	2013 2016
Roadway	SUBLINK	Sequence within link	Variable discontinued	2007
Roadway	THRULN	Through lanes	Variable created Variable missing Variable name changed to "THRU_LANE_COUNT"	2007 2013 2016
Roadway	THRULNWDTH	Through lane width	Variable created Variable missing Variable name changed to "THRU_LANE_WIDTH"	2007 2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	THRUTOHI	Through lanes to high node	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	THRUTOLO	Through lanes to low node	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	SURF_WD	Surface width	Variable missing Variable name changed to "TOTAL_PAVEMENT_WIDTH"	2011-2013 2016
Roadway	TOWNCD	Town code	Variable created Variable missing Variable name changed to "TOWN_CODE"	2001 2013 2016
Roadway	TRNLNRT	Right turn lanes side of road	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	TRNLNSLT	Left turn lanes side of road	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	TRK_CLI_LN	No of truck climbing lanes	Variable created Variable missing Variable name changed to "TRUCK_LANE_COUNT"	2007 2011-2013 2016
Roadway	TY_ACCCTRL	Accident control	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Roadway	YRCONST	Year re constructed	Variable created Variable missing Variable discontinued	2007 2011-2013 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Roadway	YRRESURF	Year resurfaced	Variable created Variable missing Variable discontinued	2007 2011-2013 2016
Vehicle/ Unit	CONTRIB	Contribution circumstances	Variables "CONTRIB1" and "CONTRIB2" replaced by CONTRIB Variable name changed to "CNTRIB_CIRCUM_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	CASENO	Acc case number	Variable name changed to "MDOTID"	2016
Vehicle/ Unit	MOSTHARM	Most harmful event	Variable created Variable name changed to "MOST_HARMFUL_EVENT_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	MISCACT1	Action prior to accident	Variable name changed to "PRECRASH_ACTIONS_DESCR" Code change from categorical (number) to text	2016 2016
Vehicle/ Unit	EVENT1	Sequence of events 1	Variable created Variable name changed to "SEQ_OF_EVENTS1_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	EVENT2	Sequence of events 2	Variable created Variable name changed to "SEQ_OF_EVENTS2_DESCR" Code change from categorical (number) to text	2011 2016 2016

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File	Variable Name	Variable	Description of Change	Year of Change
Vehicle/ Unit	EVENT3	Sequence of events 3	Variable created Variable name changed to "SEQ_OF_EVENTS3_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	EVENT4	Sequence of events 4	Variable created Variable name changed to "SEQ_OF_EVENTS4_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	VEH_USE	Special function vehicle	Variable created Variable name changed to "SPECIAL_FUNC_VEHICLE_DESCR" Code change from categorical (number) to text	2011 2016 2016
Vehicle/ Unit	VEHNO	Vehicle number	Variable name changed to "UNIT_ID"	2016
Vehicle/ Unit	UNIT_TYPE	Vehicle type	Variable name changed to "UNIT_TYPE_DESCR" Code change from categorical (number) to text	2016 2016
Vehicle/ Unit	VEH_CONF	Vehicle configuration	Variable created Variable name changed to "VEHICLE_CONFIG_DESCR" Code change from categorical (number) to text	2011 2016 2016