

Metadata and data provided by the NYSDOT.

Dataset/Associated Attributes

Roadway Inventory

Attribute	Description
GIS_ID	Unique MiPoint used in GIS for Dynamic Segmentation using the MiPoint/Roads feature class
Reg	NYS Dept. of Transportation (NYSDOT) Region number
County	Name of the county
DOT_ID	A computer system ID used by NYSDOT as a unique reference for a particular route or road
Route	Route number for State routes. May be displayed as one concatenated field or in up to four components: Signing, Number, Suffix, and Qualifier.
Signng	The type of signing on State routing routes. May be Interstate (I), US, or NY. Reference routes have no signing route signing.
Number	The numeric component of a route designation.
Suffix	The alpha suffix component of a route number (most routes have no suffix).
Qualifier	Route Signing Qualifier. An additional qualifier on a route number designation that distinguishes it as a distinct route. Qualifiers include Alternate, Business, Bypass, Spur, and similar designations. US 62 Business is the only route officially recognized as having a "Qualifier" in New York State.
Coll#	County Road number
Name	Road name
From	Description of the beginning of a segment of road
To	Description of the end of a segment of road
Cs_Cnt	Number of counties traversed since the beginning of the route; only relevant for State routes: all others have a county order of "1"
Begin	Milepoint of the beginning of a route road (each route begins at "0" within a county)
End	Milepoint of the end of a route or road; for the first (or only) segment of a road, the end MP is equal to the length of the segment
Length	Length of a route/road segment to the hundredth of a mile
Muni_Code	NYSDOT code representing a municipality
Muni_Type	Type of municipality (town, city, village) in which the road segment is located
Municipality	Name of the municipality
Maintenance_Jurisdiction	Entity/agency responsible for maintenance of the segment of road
Owning_Jurisdiction	Entity/agency which owns the segment of road
FC	Functional Classification - a means by which roads are classified according to the type of service they provide
FAP	Designates a roadway segment on the Federal-Aid Primary system as it existed in June 1991. Although generally obsolete, the FAP still governs selected trucking and other regulations. This is a static system and does not change.
NHS	National Highway System, a system of nationally significant roads as designated by NYSDOT and the Federal Highway Administration (FHWA)
Stratnet	Strategic Highway Network & Spine/Road connectors - includes all Interstates and other designated roadways
UAC	Urban Area Code. Urban areas are designated by the US Census Bureau based on population density. The actual boundaries of the designated urban area may be adjusted for transportation purposes.
UAC_Desc	Name of the Urban Area
HPMS_UAC	Urban Area Code used for HPMS until 2009. May differ from the Census designated UAC.
MPO	Metropolitan Planning Organization; each large Urban Area is required to have an MPO (a transportation planning group) which does the transportation planning for a designated Metropolitan Planning Area (MPA).
Owning_Number	Identifies routes/roads that share the same pavement such as an overlay of two State routes or a State route on a county road or city street
Overlap	To prevent double counting the road mileage, overlaps are ranked in a hierarchy, overlap pieces with a rank higher than 1 are not counted in mileage totals
Overlap_ID	Not yet utilized. Will be used to designate the component streets of a overlap.
HPMS	Segment used as statistical samples for reporting to the Federal Highway Administration via the Highway Performance Monitoring System
SH_No	State Highway number - a NYSDOT designation for a specific segment of state-owned pavement
Ref_Marker	Reference Marker: small roadside signs used to mark a particular location along a highway. Used as a fixed point reference to a specific location, such as for accident reporting.
Lanes	Number of lanes in the highway segment
Point	Width of the pavement (in feet) contained within the sum of the travel lanes. Does not include shoulders.
Point	Type of pavement: A-Alphalt, O-Overlay, C-Concrete, U-Unpaved
SHB_Width	Width of the right shoulder (in the direction of increasing mileposts) in feet
Roadside_Type	Description of the area along/next to the roadway, including the shoulder
Med_Width	Width of the median area in the center of a roadway
Med_Type	Type of median in the center of a roadway
One_Way	Divided highway
Acc_Cnt	One way street
ByWay	Trest of access control
Toll	Roadways designated by the FHWA as a National Scenic Byway
Toll_Facility	Toll highway or bridge
Plwy	Name of the facility for which a toll is collected
Grouped	Legally designated as a Parkway
Spce_Rd	Indicates a record which flows total mileage in a category but not necessarily individual streets
Dist	Designates a service road alongside another major highway
CC_Ba	Discontinuous - indicates a road or road which is not continuous
Station_Number	Continuous Counter station number - locations at which traffic count data is collected continuously
ADT_Actual	Federal FHW's codes for the selected county; a county code is required to make the traffic count station number unique
ADT_91	Traffic count station number
ADT_current_year	Annual Average of Daily Traffic based on the last count taken on the roadway segment
TR_Ba	Year of the count from which the ADT was estimated
Speed_Limit	An estimate of ADT for the last full calendar year ("current year"). These numbers are typically generated in late Spring/early Summer for the prior calendar year.
Bridge	Name of the Indian Reservation in which the roadway segment is located, if any
Feature_Number	Truck route designation
Entr_Bridges	Posted Speed Limit
How	Bridge Identification Number (BIN) for a bridge located on the roadway segment
How_Lanes	Identifies whether a Bridge carries the road segment (feature=1) or is over or under the roadway segment (feature=1). For Bridge Feature=1, the segment length(s) approximates the length of the bridge. For Feature=1, the bridge is assumed to cross the roadway segment at the end milepoint of the segment.
RE_Cross	Denotes whether more than one bridge is present
Tr_Cross	High Occupancy Vehicle restrictions in effect
Ramp_Entr	Number of HOV lanes
Ramp_Exit	Railroad crossing (assumed to cross at the end milepoint of the segment)
Roadway_Type	Intended to denote wear a designated trail crosses a roadway (not utilized at this time)
Ramp_Interchange_Code	A ramp entering/intersecting with the roadway, located at the end milepoint of the segment
Ramp_Alpha_Suffix	A ramp for traffic exiting/leaving the roadway, located at the end milepoint of the segment
Ramp_Org_DOT_ID	Route (state system roadway), Road Ramp
Ramp_Org_Cs_Order	An 11 character code representing an interchange code is used for a ramp designation (total of 12 characters). Each ramp is also assigned a unique, six digit DOT ID.
Ramp_Org_MP	A single letter suffix attached to the interchange code is used for a ramp designation (total of 12 characters). Each ramp is also assigned a unique, six digit DOT ID.
Ramp_Dest_DOT_ID	DOT ID for the roadway from which the ramp begins
Ramp_Dest_Cs_Order	County Order of the roadway segment on the roadway from which the ramp begins
Ramp_Dest_MP	Milepoint on the roadway from which the ramp begins
Segment_Type	DOT ID for the roadway at which the ramp ends
	County Order of the roadway segment on the roadway at which the ramp ends
	Milepoint on the roadway from the ramp ends
	Normal, Temporary, Dummy. Normal is the actual highway data. Temporary and Dummy segments are system designations to assist data maintenance. A Temporary segment may be created when road editing is not yet complete. A Dummy segment is used to represent the length of a gap in a roadway, whether it is a physical gap or just a discontinuity in the roadway designation.

Pavement Data Extract

Data Dictionary

Attribute	Description
Record Identification	contains unique record identifiers
GIS code	combined route designation
BEG_END	measurement at the beginning and end of the segment
Length	length of individual segment
Surf score	surface distress rating of current yr rating
Dom Dist1 DomDist2	contain dominant distresses for the current year
GIS_CENT	E score collects the coordinates at the end milepoint
DTSTAMP	the date and time record at the mile end milepoint
DIR	the direction data was collected, "p" primary north or east, "R" reverse
ITE signing	identifies type of route
Rd_suffx	Reg, Caltra numeric unique identifiers
Reg_Co	the region numbers
Co_order	2 digit code identification system
Reg_Desc	referenced landmark location in association with begin mile point
End_Desc	referenced location with association with end mile point segment
Ref_Marker	small green signs positioned along the roadside
SH_No	the state highway number in compact section of highway origin build
Residency	asphalt maintenance responsibility
Dir	roadway configuration, undivided or divided
Total Lanes	lanes present on the roadway in both directions
Primary Lanes	number of lanes in the primary direction of travel
Total Pav Width	sum of the width in feet for all travel lanes in the primary direction
Pav Type	describes the type of pavement structure for the segment
Pav Layer Thickness	the total pavement layer above the subbase in inches
Last Overlay	thickness of the last overlay
PB Binder	the performance graded binder type shown, asphalt mix
Base	additional materials used between pavement layer
Subbase	codes describing the underlying structure of the underlying pavement
Roadside Type	type of surface immediately outside the edge of the paved shoulder
Paved SHOULDER WIDTH	width of the immediate paved area on the shoulder
Med	type of median description
Med_Width	width of the median
terrain	code describing the topographical nature of the surrounding landforms
Area	Area type code describes the extent of the land development in the area
Cur	type of community the highway passes
Passing	actual passing sight distance in ft
Pass	availability of passing along the roadway
NHS	National Highway System's codes
ACC	access codes for the entrance control for the road
FC	Functional classification
JUR	jurisdiction code the ownership of the road
Class no	A numeric designation for its overlapped routes
Overlap	codes identifies the segment of a lower hierarchy route that overlap a higher level class
Yr scored	Yr in which the pavement surface distress rating survey
Crack Seal yr	latest crack sealment performed
Work Type	codes that describe the type of work done on the pavement
SS 1	surface course of the last yr
SS 2	surface rating from two yrs ago