

Coded value domain					
LinearTypes					
Description	Linear event types				
Field type	String				
Split policy	Default value				
Merge policy	Default value				
Code	Description	Code	Description	Code	Description
ACCLANE	Acceleration lane	INSHLDR	Inside shoulder type	PAVETYPE	Pavement type
ADMINCLASS	Administrative class	INSHLDRWIDTH	Inside shoulder width	PROJECTID	Project identifier
ANCHORSECTION	Anchor section	MAINTJUR	Maintenance jurisdiction	PROJECTTYPE	Project type
CIVILJUR	Civil jurisdiction	MEDIAN	Median type	REVERSELANE	Reversible lane
CLIMBLANE	Climbing lane	MEDIANWIDTH	Median width	SCENICROUTE	Scenic route
DECELLANE	Deceleration lane	NAAQSID	NAAQS area identifier	SPEEDLMT	Speed limit
DIVDEDHWY	Divided highway	NHPN	NHPN segment	SPEEDLMTTRK	Truck speed limit
FAS	Federal-aid system	NHS	NHS designation	HOUSEDIST	State House district
FORESTRROUTE	Forest route name	OUTSHLDR	Outside shoulder type	SENATEDIST	State Senate district
FUNCLASS	Functional class	OUTSHLDRWIDTH	Outside shoulder width	STRUCTURETYPE	Structure type
HAZARDROUTE	Hazardous material route	OWNERTYPE	Owner type	TERRAIN	Terrain type
HWY NO	Highway number	OWNERNAME	Owner name	THRULANES	Number of through lanes
HOVLANE	HOV lane	PAVECOND	Pavement condition	TOLL	Toll facility
HPMSSAMPLE	HPMS sample section	PAVEDEPTH	Pavement depth	TRAFSEGMENT	Traffic segment
HPMSUNIVERSE	HPMS universe section	PAVELAYER	Pavement layer number	URBANAREA	Urban area name

Table Route							
Field name	Data type	Allow nulls	Default value	Domain	Pre-cision	Scale	Length
OBJECTID	Object ID						
RouteID	GUID	Yes			0		
RecordDate	Date	Yes					
RecordStatus	Short Integer	Yes	1	RecordCode	0		
EntityStatus	Short Integer	Yes	7	EntityCode	0		
ToDate	Date	Yes					
FromDate	Date	Yes	Both				
RouteType	String	Yes		RouteTypes			12
Length	Double	Yes			7	3	
FromMeasure	Double	Yes			7	3	
ToMeasure	Double	Yes			7	3	

Route

Identifier of route
Date record was created
Status of the record
Status of the event
Starting date of validity
Ending date of validity
Type of route
Official route length
Starting LRM measure
Ending LRM measure

Table PointEvent							
Field name	Data type	Allow nulls	Default value	Domain	Pre-cision	Scale	Length
OBJECTID	Object ID						
EventID	GUID	Yes			0		
RecordDate	Date	Yes					
RecordStatus	Short Integer	Yes	1	RecordCode	0		
EntityStatus	Short Integer	Yes	7	EntityCode	0		
ToDate	Date	Yes					
FromDate	Date	Yes					
RouteID	GUID	Yes			0		
AtMeasure	Double	Yes			7	3	
SideOfRoad	String	Yes		SideCode			1
OffsetReferent	Short Integer	Yes	0	Referents	0		
OffsetDistance	Short Integer	Yes	0		0		
OffsetDirection	Short Integer	Yes	0	OffsetDir	0		
EventType	String	Yes		PointTypes			16
EventValue	String	Yes					64

Point event on route

Identifier of event
Date record was created
Status of the record
Status of the event
Starting date of validity
Ending date of validity
Identifier of route
LRM measure
Side of road
Lateral offset referent
Lateral offset distance
Lateral offset direction
Type of point event
Event value

Table LinearEvent							
Field name	Data type	Allow nulls	Default value	Domain	Pre-cision	Scale	Length
OBJECTID	Object ID						
EventID	GUID	Yes			0		
RecordDate	Date	Yes					
RecordStatus	Short Integer	Yes	1	RecordCode	0		
EntityStatus	Short Integer	Yes	7	EntityCode	0		
ToDate	Date	Yes					
FromDate	Date	Yes					
RouteID	GUID	Yes			0		
FromMeasure	Double	Yes			7	3	
ToMeasure	Double	Yes			7	3	
SideOfRoad	String	Yes	B	SideCode			1
OffsetReferent	Short Integer	Yes	0	Referents	0		
OffsetDistance	Short Integer	Yes	0		0		
OffsetDirection	Short Integer	Yes	0	OffsetDir	0		
EventType	String	Yes		LinearTypes			16
EventValue	String	Yes					64

Linear event on route

Identifier of event
Date record was created
Status of the record
Status of the event
Starting date of validity
Ending date of validity
Identifier of route
Starting LRM measure
Ending LRM measure
Side of road
Lateral offset referent
Lateral offset distance
Lateral offset direction
Type of linear event
Event value

Event type metadata

Identifier of relationship
Date record was created
Status of record
Reason the update was made
Starting date of validity
Ending date of validity
Name of attribute
Meaning of attribute
Data type for the attribute
Number of characters in string attribute
Domain type for attribute
Default value
Minimum value for range domain
Maximum value for range domain
Total number of digits
Number of digits after decimal
Unit of measure for numeric attribute
Method used to compile data
Source of domain values

Table EventTypes							
Field name	Data type	Allow nulls	Default value	Domain	Pre-cision	Scale	Length
OBJECTID	Object ID						
TypeID	Long Integer	Yes			0		
RecordDate	Date	Yes					
RecordStatus	Short Integer	Yes		RecordCode	0		
EventStatus	Short Integer	Yes		EventValidity	0		
FromDate	Date	Yes					
ToDate	Date	Yes					
EventType	String	Yes					16
Meaning	String	Yes					64
DataType	String	Yes		DataCode			14
NumberOfChar	Short Integer	Yes			0		
DomainType	Short Integer	Yes		DomainCode	0		
DefaultValue	String	Yes					32
MinValue	Double	Yes			0	0	
MaxValue	Double	Yes			0	0	
Precision	Short Integer	Yes			0		
Scale	Short Integer	Yes			0		
UnitOfMeasure	String	Yes		UnitCode			6
CompilationMethod	Short Integer	Yes		MethodCode	0		
DomainSource	String	Yes					128

Coded value domain	
DomainCode	
Description	Type of domain
Field type	Short integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	Free
1	Numeric range
2	Coded values

Coded value domain	
UnitCode	
Description	Unit of measure codes
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
IN	Inch
FT	Foot (unspecified type)
US FT	US survey foot
INT FT	International foot
MI	Statute mile
KTS	Nautical mile
CM	Centimeter
M	Meter
KM	Kilometer
LAT	Latitude
LONG	Longitude
LB	Pound
TONS	US ton (2,000 lbs.)
KIP	18,000 lbs.
EACH	Each (count)

Coded value domain	
DataCode	
Description	Data type code
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
Short Integer	Short integer (2 bytes)
Long Integer	Long integer (4 bytes)
Single	Single-precision floating point
Double	Double-precision floating point
String	String of characters
Date	Date & Time
BLOB	Binary large object
GUID	Globally unique identifier
Raster	Raster image
Geometry	Vector geometry

Coded value domain	
RouteTypes	
Description	Type of route
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
ROAD	Road
RAILROAD	Railroad
WATERWAY	Navigable waterway
PATTERN	Transit pattern
OTHER	Other

Coded value domain	
SideCode	
Description	Side of road
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
L	Left side only
R	Right side only
B	Both sides & street
S	Street only
N	Both sides & not street

Coded value domain	
EventValidity	
Description	Event validity code
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	Proposed
1	Currently in use
2	Previously in use
3	Rejected

Coded value domain	
Referents	
Description	Lateral offset referent
Field type	Single Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	None
1	Edge of pavement
2	Face of curb
3	Back of curb
4	Back of sidewalk
5	Edge of right of way
6	Centerline of road
7	Centerline of ditch

Coded value domain	
MethodCode	
Description	Method of data collection
Field type	Short integer
Split policy	Default value
Merge policy	Default value
Code	Description
1	Field measurement
2	Office review
3	Consultant
4	Publication
5	Aerial photography
6	Remote sensing
7	SCADA
8	Run report
88	Other method
99	Unknown

Coded value domain	
RecordCode	
Description	Record status code
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	Work in progress
1	Proposed
2	Withdrawn
3	Rejected
4	Accepted
5	Active
6	Replaced
7	Retired

Coded value domain	
OffsetDir	
Description	Lateral offset direction
Field type	Short Integer
Split policy	Default value
Merge policy	Default value
Code	Description
0	None
1	In
2	Out
3	North
4	East
5	South
6	West
7	Toward
8	Away from

Coded value domain	
PointTypes	
Description	Lateral offset referent
Field type	String
Split policy	Default value
Merge policy	Default value
Code	Description
ANCHORPOINT	Anchor point
INTER	Intersection
RASTRUCTURE	Rest area structure
SIGN	Sign
SIGNASSMBLY	Sign assembly
STLIGHT	Street light
SURVEYMON	Survey monument
TMS	Traffic monitoring site