

Data Dictionary Overview

The Intended purpose for the data dictionary is to allow agencies to integrate with the GIS-Mo System.

If there are any county hosted apps or processes that rely on the integration of the GIS-Mo data, the authoritative source will be from the GIS-Mo data dictionary, posted on the CRAB website and will be kept up to date with any changes.

CRAB has in place a change management process as well that will notify you with appropriate time to any changes within the structure and schema of the GIS-Mo data. That will also be available on CRAB's website.

The Data Dictionary is structured to show all fields and data requirements for those fields. The Domain tables are in a separate document in a structure to be imported directly into a Geodatabase xml schema.

If you would like to request a full XML export of CRAB's Enterprise Geodatabase or have any questions please contact Cameron Cole: Cameron.Cole@crab.wa.gov or Kathy O'Shea: Kathy.Oshea@crab.wa.gov.

Asset: APPROACHES							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39			not null
RoadNumber	Road Number	Text	5	5 digit text string			not null
StateLRS	StateLRS	Text	7	Concatination of County Code and Road Number. Used a the Unique identifier in the State wide database			not null
MP	MP	numeric	(9,3)	Mile Post			not null
Jurisdiction	Jurisdiction	text	60	jurisdiction description	JurCode		not null
SideOfRoad	Side of Road	text	6	Side of road	SideOfRoad		null
Width	Width	numeric	(7,2)	Width of the approach designated from edge to edge in feet		>=0	null
ApproachType	Approach Type	text	50			'Unknown' if null	not null
Surface	Surface	text	75	surface description	MaintenanceMaterial		not null
PropertyParcelNumber	Property Parcel Number	text	50				null
PropertySubdivision	Property Subdivision	text	50				null
PropertyBlockNumber	Property Block Number	text	25				null
PropertyLotNumber	Property Lot Number	text	25				null
PropertyUse	Property Use	text	30				null
PropertyZoning	Property Zoning	text	25				null
PropertyOwner	Property Owner	text	75				null
PropertyAddress	Property Address	text	200				null
PermitNumber	Permit Number	text	40				null
PermitName	Permit Name	text	75				null
PermitAddress	Permit Address	text	75				null
LastInspection	Last Inspection	datetime2		date of most recent inspection			null
InspectionInterval	Inspection Interval	int		# of months between insp.		>=0	null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	null
DateInstalled	Date Installed	datetime2					null
DateRemoved	Date Removed	datetime2					null
InstallYear	Install Year	int		4 digit year of installation			null
OwnerID	Owner ID	text	50				null

Asset: CATTLEGUARDS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	2 digit County Code 01-39	CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	5 digit text string			Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok				Not Null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
CattleguardType	Cattleguard Type	text	15	description	CattleguardType		Not null
CattleguardBypass	Cattleguard Bypass	text	20	description	CattleguardBypass		null
CattleguardWing	Cattleguard Wing	text	10	description	cattleguardWing		null
CattleguardRail	Cattleguard Rail	text	15	description	CattleguardRail		null
CattleguardBaseMaterial	Cattleguard Material	text	30	description	CattleguardBaseMaterial		null
CattleguardFooter	Cattleguard Footer	text	20	description	CattleguardFooter		null
Barbed Wire	Barbed Wire	text	3	Is barbed wire present	Yes/No		null
CattleguardLength	Cattleguard Length (ft)	numeric	(6,2)			>=0	null
NumberOfSections	NumberOfSections	int					null
LoadCapacityRating	Load Rating	text	20				null
PlateGauge	Plate Gauge (ft)	numeric	(6,3)			>=0	null
PipeGauge	Pipe Gauge (ft)	numeric	(6,3)			>=0	null
PipeSize	Pipe Size (ft)	numeric	(6,3)			>=0	null
Spacing	Spacing	int					null
WallDepth	Wall Depth (ft)	numeric	(6,2)			>=0	null
SerialNumber	Serial Number	text	20				null
FranchiseNumber	Franchise Number	text	20				null
ModelNumber	Model Number	text	30				null
Term	Term	int					null
ExpirationDate	ExpirationDate	datetime2					null
OwnerName	Owner Name	text	50				null
OwnerAddress	Owner Address	text	200				null
OwnerPhone	Owner Phone	text	30				null
MaintainedBy	Maintained By	text	50				null
InspectionInterval	Inspection Interval (ft)	int				>=0	null
Comment	Comment (ft)	text	255			no LF/CR, tab, comma or double space	null
DateInstalled	Date Installed	datetime2				>= 1/1/1900	null
LastInspection	LastInspection	datetime2		date of most recent inspection		>= 1/1/1900	null
DateRemoved	DateRemoved	datetime2					null
InstallYear	Install Year	int		4 digit year for date installed			null
OwnerID	Owner ID	text	50				null

Asset: CLEAR ZONES							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	text	2	2 digit county number 01 - 39	CountyCode		not null
RoadNumber	Road Number	text	5	unique road number assigned by the county		leading 0's to make 5 digits	not null
StateLRS	StateLRS	text	7	concatenation of countycode + 5 digit roadnumber		concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	not null
BMP	BMP	numeric	(9,3)	beginning milepost of asset		0.000-999.999	not null
EMP	EMP	numeric	(9,3)	ending milepost of asset		0.000-999.999	not null
SideOfRoad	Side of Road	text	6	description	SideofRoad		not null
ClearZoneState	Clear Zone State	text	50	Description of shoulder and clearzone area	ClearZoneState		null
BackSlope	Back Slope	numeric	(4,1)			>=0	null
Width	Width (ft)	numeric	(6,2)			>=0	null
DateRemoved	Date Removed	datetime2					null
DateInstalled	Date Installed	datetime2				>= 1/1/1900	null
LastInspection	Last Inspection	datetime2				>= 1/1/1900	null
InspectionInterval	Inspection Interval	int				>=0	null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	null
ClearZoneSegmentID	Clear Zone Segment ID	int		For 1 to many with ClearZoneObject			null
OwnerID	Owner ID	text	50				null
AssetID	Asset ID	text	255				null
FromDate	From Date	datetime2					null
ToDate	To Date	datetime2					null

Asset: CLEAR_ZONE_OBJECT							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	text	2	2 digit county number 01 - 39	CountyCode		not null
RoadNumber	Road Number	text	5	unique road number assigned by the county		leading 0's to make 5 digits	not null
StateLRS	StateLRS	text	7	concatenation of countycode + 5 digit roadnumber		concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	not null
MP	MP	numeric	(9,3)	Milepost of object		0.000-999.999	not null
Offset	Offset	numeric	(9,2)			>=0	not null
SideOfRoad	Side of Road	text	6		SideofRoad		not null
ObjectType	Object Type	text	30	description of object type	ClearZoneObject		not null
ClearZoneSegmentID	Clear Zone Segment ID	int		Parent table for 1 to many			not null
ClearZoneObjectID	Clear Zone Object ID	int		Child table for 1 to many			not null
OwnerID	Owner ID	text	50				null
AssetID	Asset ID	text	255				null
FromDate	From Date	datetime2					null
Todate	To Date	datetime2					null

Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	2 digit county number 01 - 99			Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	unique road number assigned by the county			Not Null
StateRS	State RS	Text	7 chars - concatenation of countycode & roadnumber	concatenation of countycode + 5 digit roadnumber			Not Null
MP	MP	numeric	0.000-999.999, precision = 3	Milepost of crash			Not Null
AccidentNumber	Accident Number	Text	10 chars				NULL
Date	Date	Text	10 chars				NULL
Time	Time	Text	15 chars				NULL
DayCode	Day Code	Text	10 chars	Days of week	DaysOfWeek (needs creating)		NULL
SecondaryTrafficway	Secondary Trafficway	Text	30 chars	Name of intersecting road			NULL
JunctionRelationship	Junction Relationship	Text	35 chars	Type of Intersection	JunctionRelationship		NULL
OnOffRoadway	On Off Roadway	Text	30 chars	On or Off Roadway	OnOffRoadway		NULL
CharacterOfRoadway	Character of Roadway	Text	25 chars	Straight, Curve, etc.	CharacterOfRoadway		NULL
CharacterOfLocation	Character of Location	Text	30 chars	Intersection, Parking Lot, etc.	CharacterOfLocation		NULL
RoadCondition	Road Condition	Text	30 chars	Dry, Wet, Ice, etc.	RoadCondition		NULL
WeatherCondition	Weather Condition	Text	30 chars	Weather	WeatherCondition		NULL
LightCondition	Light Condition	Text	25 chars	Daylight, Dark, etc.	LightCondition		NULL
CollisionType	Collision Type	Text	35 chars	Description of Vehicle Actions	CollisionType		NULL
ObjectStruck	Object Struck	Text	35 chars	Description of Object Struck	ObjectStruck		NULL
InvestigatedBy	Investigated By	Text	30 chars	Agency that Responded	InvestigatedBy		NULL
HazardousMaterial	Hazardous Material	Text	30 chars	Type of Hazardous Material	HazardousMaterial		NULL
CrashSeverity	Crash Severity	Text	25 chars	Property Damage, Personal Injury, Fatal	CrashSeverity		NULL
CrashPrefixAddtl	CrashPrefixAddtl	Text	40 chars	Additional route information	CrashPrefixAddtl		NULL
FuelSpilled	Fuel Spilled	Text	3 chars	Was fuel spilled?	Yes/No	Yes/No	NULL
FireResulted	Fire Resulted	Text	3 chars	Was there a fire?	Yes/No	Yes/No	NULL
TotalVehicles	Total Vehicles	int				>= 0	NULL
TotalInjuries	Total Injuries	int				>= 0	NULL
TotalFatalities	Total Fatalities	int				>= 0	NULL
TotalEstimatedDamage	Total Estimated Damage	numeric	precision = 3	Total \$\$ of estimated damage		>= 0	NULL
V1SpecialCoding	V1 Special Coding	Text	30 chars			>= 0	NULL
V1VehicleDirectionFrom	V1 Vehicle Direction From	Text	15 chars	Vehicle Direction From			NULL
V1VehicleDirectionTo	V1 Vehicle Direction To	Text	15 chars	Vehicle Direction To			NULL
V1ContributingCircumstances	V1 Contributing Circumstances	Text	100 chars	Circumstances contributing to the crash	ContributingCircumstances		NULL
V1VehicleAction	V1 Vehicle Action	Text	30 chars	Action of the vehicle (straight, backing, slowing, etc.)	VehicleAction		NULL
V1VehicleType	V1 Vehicle Type	Text	30 chars	Type of vehicle	VehicleType		NULL
V1Sex	V1 Sex	Text	15 chars	Driver Sex (Male, Female, Not Stated)	Sex		NULL
V1DriverAge	V1 Driver Age	int		Driver Age		>= 0	NULL
V1OfficerAction	V1 Officer Action	Text	30 chars	Driver cited?	OfficerAction		NULL
V1VehicleCondition	V1 Vehicle Condition	Text	30 chars	Condition of the vehicle	VehicleCondition		NULL
V1DriverSobriety	V1 Driver Sobriety	Text	35 chars	Status of driver sobriety	DriverSobriety		NULL
V1TrafficControl	V1 Traffic Control	Text	15 chars	Signals, stop sign, etc.	TrafficControl		NULL
V2VehicleDirectionFrom	V2 Vehicle Direction From	Text	15 chars	same as V1	same as V1		NULL
V2VehicleDirectionTo	V2 Vehicle Direction To	Text	15 chars	same as V1	same as V1		NULL
V2ContributingCircumstances	V2 Contributing Circumstances	Text	100 chars	same as V1	same as V1		NULL
V2VehicleAction	V2 Vehicle Action	Text	30 chars	same as V1	same as V1		NULL
V2VehicleType	V2 Vehicle Type	Text	30 chars	same as V1	same as V1		NULL
V2Sex	V2 Sex	Text	15 chars	same as V1	same as V1		NULL
V2DriverAge	V2 Driver Age	int		same as V1	same as V1	>= 0	NULL
V2OfficerAction	V2 Officer Action	Text	30 chars	same as V1	same as V1		NULL
V2VehicleCondition	V2 Vehicle Condition	Text	30 chars	same as V1	same as V1		NULL
V2DriverSobriety	V2 Driver Sobriety	Text	35 chars	same as V1	same as V1		NULL
V2TrafficControl	V2 Traffic Control	Text	15 chars	same as V1	same as V1		NULL
V3VehicleDirectionFrom	V3 Vehicle Direction From	Text	15 chars	same as V1	same as V1		NULL
V3VehicleDirectionTo	V3 Vehicle Direction To	Text	15 chars	same as V1	same as V1		NULL
V3ContributingCircumstances	V3 Contributing Circumstances	Text	100 chars	same as V1	same as V1		NULL
V3VehicleAction	V3 Vehicle Action	Text	30 chars	same as V1	same as V1		NULL
V3VehicleType	V3 Vehicle Type	Text	30 chars	same as V1	same as V1		NULL
V3Sex	V3 Sex	Text	15 chars	same as V1	same as V1		NULL
V3DriverAge	V3 Driver Age	int		same as V1	same as V1	>= 0	NULL
V3OfficerAction	V3 Officer Action	Text	30 chars	same as V1	same as V1		NULL
V3VehicleCondition	V3 Vehicle Condition	Text	30 chars	same as V1	same as V1		NULL
V3DriverSobriety	V3 Driver Sobriety	Text	35 chars	same as V1	same as V1		NULL
V3TrafficControl	V3 Traffic Control	Text	15 chars	same as V1	same as V1		NULL
V4VehicleDirectionFrom	V4 Vehicle Direction From	Text	15 chars	same as V1	same as V1		NULL
V4VehicleDirectionTo	V4 Vehicle Direction To	Text	15 chars	same as V1	same as V1		NULL
V4ContributingCircumstances	V4 Contributing Circumstances	Text	100 chars	same as V1	same as V1		NULL
V4VehicleAction	V4 Vehicle Action	Text	30 chars	same as V1	same as V1		NULL
V4VehicleType	V4 Vehicle Type	Text	30 chars	same as V1	same as V1		NULL
V4Sex	V4 Sex	Text	15 chars	same as V1	same as V1		NULL
V4DriverAge	V4 Driver Age	int		same as V1	same as V1	>= 0	NULL
V4OfficerAction	V4 Officer Action	Text	30 chars	same as V1	same as V1		NULL
V4VehicleCondition	V4 Vehicle Condition	Text	30 chars	same as V1	same as V1		NULL
V4DriverSobriety	V4 Driver Sobriety	Text	35 chars	same as V1	same as V1		NULL
V4TrafficControl	V4 Traffic Control	Text	15 chars	same as V1	same as V1		NULL
PedCycleType	Ped Cycle Type	Text	20 chars	Pedestrian, Cyclist, Other	PedCycleType		NULL
PedCycleSex	Ped Cycle Sex	Text	15 chars	same as V1	same as V1		NULL
PedCycleAge	Ped Cycle Age	int		same as V1	same as V1	>= 0	NULL
PedCycleInjury	Ped Cycle Injury	Text	25 chars	Injury description	PedCycleInjury		NULL
PedCycleLocation	Ped Cycle Location	Text	40 chars	Location of PedCycle (roadway, etc.)	PedCycleLocation		NULL
PedCycleUsing	Ped Cycle Using	Text	25 chars	Using crosswalk, sidewalk, etc.	PedCycleUsing		NULL
PedCycleAction	Ped Cycle Action	Text	30 chars	Action of the PedCycle	PedCycleAction		NULL
PedCycleContribCircumstances	Ped Cycle Contrib Circumstances	Text	30 chars	Circumstances contributing to the crash	PedCycleContribCircumstances		NULL
PedCycleSobriety	Ped Cycle Sobriety	Text	35 chars	same as V1	DriverSobriety		NULL
PedCycleResidence	Ped Cycle Residence	Text	30 chars	Area of residence (in State, etc.)			NULL
PedCycleOccupation	Ped Cycle Occupation	Text	30 chars	Occupation of PedCyclist	PedCycleOccupation		NULL
PedCycleClothing	Ped Cycle Clothing	Text	30 chars	Dark, Light, Other	PedCycleClothing		NULL
DiagramAnalysis	Diagram Analysis	Text	100 chars				NULL
TotalPossibleInjuries	Total Possible Injuries	int		Number of possible injuries		>= 0	NULL
KeyError	Key Error	Text	100 chars				NULL
Comment	Comment	Text	255 chars				NULL
DamageThresholdMet	Damage Threshold Met	Text	3 chars	Damage threshold met?	Yes/No	Yes/No	NULL
OwnerID	Owner ID	Text	50 chars				NULL
AssetID	Asset ID	Text	255 chars				NULL
FromDate	From Date	Text					NULL
ToDate	To Date	Text					NULL

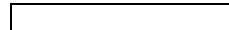
Asset: CULVERTS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	text	2	2 digit county number 01 - 39	CountyCode		not null
RoadNumber	Road Number	text	5	assigned by the county		leading 0's to make 5 digits	not null
StateLRS	StateLRS	text	7	concatenation of countycode + 5 digit roadnumber		concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	not null
MP	MP	numeric	(9,3)	milepost of asset		0.000-999.999	not null
Jurisdiction	Jurisdiction	text	60	jurisdiction description	SideofRoad		not null
SideOfRoad	Side Of Road	text	6				null
WaterwayCarried	Waterway Carried	text	25				null
CulvertName	Culvert Name	text	25	optional name assigned to culvert			null
StructureID	Structure ID	text	20	optional internal county id of structure			null
Span	Span (ft)	numeric	(6,2)			>= 0	null
Diameter	Diameter (ft)	numeric	(6,2)			>= 0	null
Length	Length (ft)	numeric	(6,2)			>= 0	null
Capacity	Capacity (cu. ft)	int				>= 0	null
Skew	Skew (degrees)	numeric	(6,2)			>= 0	null
SkewDirection	Skew Direction	text	15		SideofRoad		null
Slope	Slope (%)	numeric	(6,2)			>= 0	null
Rise	Rise (ft)	numeric	(6,2)			>= 0	null
DepthOfCover	Depth Of Cover (in)	numeric	(6,2)			>= 0	null
LastInspection	Last Inspection	datetime2		date of most recent inspection		>= 01/01/1900	null
InspectionInterval	Inspection Interval	int		number of months between inspections		> 0	null
OffsetToInlet	Offset To Inlet	numeric	(6,2)			>= 0	null
InletSide	Inlet Side	text	5				null
WaterDepth	Water Depth (ft)	numeric	(6,2)			>= 0	null
FishPassageEvaluationDate	Fish Passage Evaluation Date	datetime2				>= 01/01/1900	null
FishPassageEvaluationBy	Fish Passage Evaluation By	text	10				null
FishPassageComment	Fish Passage Comment	text	75				null
UtilitiesPresent	Utilities Present	text	3		Yes/No		null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	null
FloodEventYears	Flood Event Years	int				>= 0	null
InletElevation	Inlet Elevation (ft)	numeric	(6,3)			>= 0	null
OutletElevation	Outlet Elevation (ft)	numeric	(6,3)			>= 0	null
CulvertShape	Culvert Shape	text	25		CulvertShape	'Unknown' if null	not null
Material	Material	text	35		CulvertMaterial	'Unknown' if null	not null
Coating	Coating	text	30		CulvertCoating		null
DesignLoad	Design Load	text	25		CulvertDesignLoad		null
InletEndTreatment	Inlet End Treatment	text	30		CulvertEndTreatment		null
OutletEndTreatment	Outlet End Treatment	text	30		CulvertEndTreatment		null
FlowCharacteristics	Flow Characteristics	text	25		CulvertFlowCharacteristics		null
FishPassageCondition	Fish Passage Condition	text	25		CulvertFishPassageCondition		null
InletAttachment	Inlet Attachment	text	25		CulvertAttachment		null
OutletAttachment	Outlet Attachment	text	25		CulvertAttachment		null
FishBearingStream	Fish Bearing Stream	text	25		CulvertFishBearingStream		null
FishGravelFill	Fish Gravel Fill	text	25		CulvertFishGravelFill		null
Wetlands	Wetlands	text	30		CulvertWetlands		null
CulvertType	Culvert Type	text	25		CulvertType *needs creating		null
WRIA	WRIA	text	55		WRIACode *needs creating		null
DateInstalled	Date Installed	datetime2					null
DateRemoved	Date Removed	datetime2					null
InstallYear	Install Year	int		4 digit year for culvert installation			null
OwnerID	Owner ID	text	50				null

Asset: CURB RAMPS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
MP	MP	numeric	(9,3)				not null
SideOfRoad	Side of Road	text	15		SideofRoad		null
Jurisdiction	Jurisdiction	text	60		JurCode		not null
RampType	Ramp Type	text	100		RampType		not null
RampRun	Ramp Run (in)	int				>=0	null
RampWidth	Ramp Width (in)	int				>=0	null
RampRunningSlope	Ramp Running Slope (%)	numeric	(4,1)			>=0	null
RampCrossSlope	Ramp Cross Slope (%)	numeric	(4,1)			>=0	null
SidewalkElevChg	Sidewalk Elev Chg (in)	numeric	(4,1)			>=0	null
GutterElevChg	Gutter Elev Chg (in)	numeric	(4,1)			>=0	null
GutterRunningSlope	Gutter Running Slope (%)	numeric	(4,1)			>=0	null
GutterCrossSlope	Gutter Cross Slope(%)	numeric	(4,1)			>=0	null
DetectableWarning	Detectable Warning	text	3			Yes/No	null
VisualContrast	Visual Contrast	text	3			Yes/No	null
CanBeObstructed	Can Be Obstructed	text	3			Yes/No	null
LandingWidth	Landing Width (in)	int				>=0	null
LandingRun	Landing Run (in)	int				>=0	null
LandingRunningSlope	Landing Running Slope (%)	numeric	(4,1)			>=0	null
LandingCrossSlope	Landing Cross Slope(%)	numeric	(4,1)			>=0	null
FlareSlope	Flare Slope (%)	numeric	(4,1)			>=0	null
MarkedXwalk	Marked Xwalk	text	3			Yes/No	null
RampInXwalkMarkings	Ramp In Xwalk Markings	text	3			Yes/No	null
RampBottom4x4	Ramp Bottom 4x4	text	3			Yes/No	null
IntersectionControl	Intersection Control	text	50		IntersectionControl		null
QtrInchElevChanges	Qtr Inch Elev Changes	int				>=0	null
HalfInchHorizGaps	Half Inch Horiz Gaps	int				>=0	null
XwalkCrossSlope	Xwalk Cross Slope (%)	numeric	(4,1)			>=0	null
XwalkRunningSlope	Xwalk Running Slope (%)	numeric	(4,1)			>=0	null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	null
InspectionInterval	Inspection Interval	int				>=0	null
LastInspection	Last Inspection	datetime2					null
DateInstalled	Date Installed	datetime2					null
LastUpdate	Last Update	datetime2					null

Asset: DISTRICTS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	5 digit text string			not null
StateLRS	StateLRS	Text	7	Concatination of County Code and Road Number. Used a the Unique identifier in the State wide database			not null
BMP	BMP	numeric	(9,3)	Beginning Mile Post		0.000-999.999, precision = 3	not null
EMP	EMP	numeric	(9,3)	Ending Milepost		0.000-999.999, precision = 3	not Null
CongressionalDist	Congressional Dist	int		Congressional District			Null
LegislativeDist	Legislative Dist	int		Legislative District			Null
CommissionerDist	Commissioner Dist	text	15	Commissioner District			Null
MaintenanceDist	Maintenance Dist	text	15	Maintenance District			Null
MaintMgmtArea	Maint Mgmt Area	text	30	Maintenance Management Area			Null
SchoolDist	School Dist	text	30	School District			Null
FireDist	Fire Dist	text	15	Fire District			Null
OwnerID	OwnerID	text	50				Null
AssetID	AssetID	text	255				Null
FromDate	FromDate	datetime2					Null
ToDate	ToDate	datetime2					Null

Asset: GUARDRAILS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2		CountyCode		not null
RoadNumber	Road Number	Text	5				not null
StateLRS	StateLRS	Text	7				not null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
Jurisdiction	Jurisdiction	text	60		JurCode		Not Null
SideOfRoad	Side of Road	text	6		SideofRoad		Not Null
HazardType	Hazard Type	text	40		HazardType		Null
BeginAnchorage	Begin Anchorage	text	40		Anchorage		Null
EndAnchorage	End Anchorage	text	40		Anchorage		Null
BeginTerminal	Begin Terminal	text	50		Terminal		Null
EndTerminal	End Terminal	text	50		Terminal		Null
BeginTransition	Begin Transition	text	40		Transition		Null
EndTransition	End Transition	text	40		Transition		Null
PlacementCase	Placement Case	text	40		PlacementCase		Null
Flaring	Flaring	text	40		Flaring		Null
Post	Post	text	40		Post		Null
Rail	Rail	text	40		Rail		Null
Offset	Offset	numeric	(9, 2)			>=0	Null
Height	Height	numeric	(9, 2)			>=0	Null
PostSpacing	Post Spacing	numeric	(9, 2)			>=0	Null
Hazard	Hazard	text	40				Null
LastInspection	Last Inspection	datetime2				>= 01/01/1900	Null
InspectionInterval	Inspection Interval	int				>=0	Null
GuardrailNumber	Guardrail Number	text	40				Null
GuardrailActualLength	Guardrail Length	numeric	(6,2)			>=0	Null
Comment	Comment	Text	255			no LF/CR, tab, comma or double space	Null
DateInstalled	Date Installed	datetime2				>= 01/01/1900	Null
DateRemoved	Date Removed	datetime2				>= 01/01/1900	Null
InstallYear	Install Year	int					Null
OwnerID	Owner ID	text	50				Null

Asset: HORIZONTAL CURVES							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
Radius	Radius	numeric	(5,1)			>= 0	null
DegreeofRadius	Degrees of Radius	numeric	(4,1)			>= 0	null
LengthOfApproachTangent	Length of Approach Tangent	numeric	(4,1)			>= 0	null
GradeOfApproachTangent	Grade of Approach Tangent	numeric	(4,1)			>= 0	null
Superelevation	Superelevation	numeric	(4,1)			> =0	null
RecommendedSpeed	Recommended Speed	int				>0 and <80	null
VisualTrap	Visual Trap	text	3		Yes/No	Yes/No	null
AdvisorySigns	Advisory Signs	text	3		Yes/No	Yes/No	null
Illumination	Illumination	text	3		Yes/No	Yes/No	null
Guideposts	Guideposts	text	3		Yes/No	Yes/No	null
Approaches	Approaches	text	3		Yes/No	Yes/No	null
Comment	Comment	text	255			no commas, tabs, linefeed or double space	null
OwnerID	Owner ID	text	50				null
AssetID	Asset ID	text	255				null
FromDate	From Date	datetime2				>= 1/1/1900	null
ToDate	To Date	datetime2				>= 1/1/1900	null



Asset: Intersection Leg							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
ReferencePointNodeID		int		join to IntersectionNode			not null
RoadNumber	RoadNumber	text					not null
RoadName	RoadName	text					not null
MP	MP	numeric	(9,3)				not null
DirectionAhead	DirectionAhead	text	3				null
DirectionBack	DirectionBack	text	3				null
Priority	Priority	int		Priority of Road			null
IntersectionOffset	IntersectionOffset	int		Offset of the intersection from primary Road			null
SightDistanceType	SightDistanceType	text	20	Sufficient or Limited	SightDistance		null
AheadHeading	AheadHeading	text	3				null
BackHeading	BackHeading	text	3				null
RelID	RelID	uniqueidentifier					null
OwnerID	OwnerID						null
AssetID	AssetID						null
FromDate	FromDate						null
ToDate	ToDate						null

Asset: Intersection Node							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
ReferencePointNodeID		int		join to IntersectionLeg			
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
MP	MP	numeric	(9,3)	Milepost of Intersection Node		0.000-999.999	Not Null
NodeName	Node Name	text	250	Node Name			not null
LocationNode	Location Node	text	20				not null
IntersectionControl	Intersection Control	text	50	Intersection Control	IntersectionControl		not null
IntersectionGeometry	IntersectionGeometry	text	50	IntersectionGeometry	IntersectionGeometry		not null
OwnerID	OwnerID	text	50				null
AssetID	AssetID	text	255				null
FromDate	FromDate	datetime2					null
ToDate	ToDate	datetime2					null

Asset: RAILROADS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	County Code 01-39	CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	5 digit text string			Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	Concatination of County Code and Road Number. Used a the Unique identifier in the State wide database			Not Null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
RRCrossingNumber	RR Crossing Number	text	15	Crossing # of Railroad Crossing			Not Null
Name	Name	text	80	Railroad Name	Name		Not Null
DispatchJurisdiction	Dispatch Jurisdiction	text	80		DispatchJurisdiction		NULL
OperatingRights	Operating Rights	text	255				NULL
OwnerOfRightOfWay	Owner of Right of Way	text	50				NULL
RightOfWay	Right of Way	int				>= 0	NULL
Division	Division	text	50				NULL
Subdivision	Subdivision	text	50				NULL
Branch	Branch	text	50				NULL
StationName	Station Name	text	50				NULL
Status	Status	text	10	Open/Closed/Other/Unknown	Status		NULL
Category	Category	text	10	Public/Private/Other/Unknown	Category		NULL
RRMilepost	RR Milepost	text	10	Milepost of the railroad			NULL
TrainsPerDay	Trains Per Day	int		# of trains per day		>= 0	NULL
NumberOfTracks	Number of Tracks	int		# of tracks at this location		>= 0	NULL
PlankingType	Planking Type	text	10		PlankingType		NULL
MedianBarrier	Median Barrier	text	10		MedianBarrier		NULL
QuietZone	Quiet Zone	text	3		Yes/No	Yes/No	NULL
UnderCrossingHeight	Under Crossing Height (ft)	numeric	(6,3)			>= 0	NULL
AdequateUnderCrossingHeight	Adequate Under Crossing Height	text	3		Yes/No	Yes/No	NULL
GradeCrossing	Grade Crossing	text	20				NULL
StreetCrossing	Street Crossing	text	50				NULL
SpeedLimitFreight	Speed Limit Freight	int		Freight train speed limit		>= 0	NULL
SpeedLimitPassenger	Speed Limit Passenger	int		Passenger train speed limit		>= 0	NULL
SpeedLimitOther	Speed Limit Other	int		Other train speed limit		>= 0	NULL
ActiveWarningDevice	Active Warning Device	text	35		ActiveWarningDevice		NULL
PassiveWarningDevice	Passive Warning Device	text	35		PassiveWarningDevice		NULL
SignalCoordination	Signal Coordination	text	35		SignalCoordination		NULL
SightDistance	Sight Distance (ft)	int				>= 0	NULL
SightDistanceObstruction	Sight Distance Obstruction (ft)	text	35		SightDistanceObstruction		NULL
CrossingControlDevice	Crossing Control Device	text	35		CrossingControlDevice		NULL
PedestrianCrossing	Pedestrian Crossing	text	35		PedestrianCrossing		NULL
LaneWidthAdequate	Lane Width Adequate (ft)	text	3		Yes/No	Yes/No	NULL
BusPullOut	Bus Pull Out	text	3		Yes/No	Yes/No	NULL
EmergencyContactName	Emergency Contact Name	text	50				NULL
EmergencyContactPhone	Emergency Contact Phone	text	30				NULL
DateRemoved	Date Removed	datetime2					NULL
LastInspection	Last Inspection	datetime2				> = 1/1/1900	NULL
InspectionInterval	Inspection Interval	int				>= 0	NULL
Comment	Comment	text	255			no commas, tabs, linefeed or double space	NULL
OwnerID	Owner ID	text	50				NULL
AssetID	Asset ID	text	255				NULL
FromDate	From Date	datetime2					NULL
ToDate	To Date	datetime2					NULL

Asset: Reference Points							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	roadnumber			not null
MP	MP	numeric	(9,3)	Milepost of Reference Point		0.000-999.999	Not Null
RoadName	Road Name	text	255	Road Name			not null
Description	Description	text	255	Additional Information from Mobility			not null
OwnerID	OwnerID	text	50 chars	null			
AssetID	AssetID	text	255 chars	null			
FromDate	FromDate	datetime2		null			
ToDate	ToDate	datetime2		null			

Asset: RoadName							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
RoadName	Road Name	text	255				Not Null
OwnerID	Owner ID	text	50				Null
AssetID	Asset ID	text	255				Null
FromDate	From Date	datetime2					Null
ToDate	To Date	datetime2					Null

Asset: ROWWidths							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
WidthLeft	Width Left	numeric	(6,2)			>=0	Null
WidthRight	Width Right	numeric	(6,2)			>=0	Null
ReferenceLine	Reference Line	text	35		ROWWidthRefLine		Null
Status	Status	text	35		ROWWidthStatus		Null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	Null
OwnerID	Owner ID	text	50				Null
AssetID	Asset ID	text	255				Null
FromDate	From Date	datetime2					Null
ToDate	To Date	datetime2					Null

Asset: ShortSpanBridges							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
StructureID	Structure ID	text	8				null
StructureNumber	Structure Number	text	10	Structure # of Short Span Bridge			Not Null
StructureName	Structure Name	text	30				null
FeaturesIntersected	Features Intersected	text	30				null
ServiceOn	Service On	text	75		ServiceOn		null
YearBuilt	Year Built	int		4 digit year of Year Built			null
YearRebuilt	Year Rebuilt	int		4 digit year of Year Rebuilt			null
OperatingRatingTons	Operating Rating Tons	int				>=0	null
InventoryRatingTons	Inventory Rating Tons	int				>=0	null
LanesOn	Lanes On	int				>=0	null
LanesUnder	Lanes Under	int				>=0	null
MainSpanMaterial	Main Span Material	text	35		MainSpanMaterial		null
MainSpanDesign	Main Span Design	text	60		MainSpanDesign		null
DeckType	Deck Type	text	35		DeckType		null
DesignLoadCode	Design Load Code	text	35		DesignLoadCode		null
OutToOutWidth	Out To Out Width (ft)	numeric	(6,3)			>= 0.000	null
CurbToCurbWidth	Curb To Curb Width (ft)	numeric	(6,3)			>= 0.000	null
SidewalkCurbLeft	Sidewalk Curb Left	numeric	(6,3)			>= 0.000	null
SidewalkCurbRight	Sidewalk Curb Right	numeric	(6,3)			>= 0.000	null
StructureLength	Structure Length (ft)	numeric	(6,3)			>= 0.000	null
NBISLength	NBIS Length	numeric	(6,3)			>= 0.000	null
MinVertClearance	Min Vert Clearance	int				>=0	null
OpenClosedCode	Open Closed Code	text	1	Open or Closed	OpenCloseCode		null
InspectionInterval	Inspection Interval	int				>=0 or null	null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	null
DateInstalled	Date Installed	datetime2					null
LastInspection	Last Inspection	datetime2				>= 1/1/1900	null
OwnerID	Owner ID	text	50				null
AssetID	Asset ID	text	255				null
FromDate	From Date	datetime2					null
ToDate	To Date	datetime2					null

Asset: SignPlates							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	2 digit County Code 01-39	CountyCode		Not Null
SignCode	Sign Code	text	50	MUTCD Code	SignCode-domain needs creating		Not Null
Legend	Legend	text	100	Legend for MUTCD Code	Legend		Not Null
LegendDetail	Legend Detail	text	100	Details for legend			Null
SignColor	Sign Color	text	100	colors of plate	SignPlateColor-needs creating		Null
SignSize	Sign Size	text	50	dimensions of plate	SignPlateSize-needs creating		Null
SignHeight	Sign Height	numeric	(9,3)	height of plate		>=0	Null
MountPosition	Mount Position	text	5	position of plate on pole			Null
Orientation	Orientation	text	5		SideofRoad		Null
SheetingMaterial	Sheeting Material	text	50		SignPlateSheetingMaterial		Null
PlateMaterial	Plate Material	text	50		SignPlateMaterial		Null
BarCode	Bar Code	text	100	Bar Code of sign plate			Null
SerialNumber	Serial Number	text	75	Serial Number of sign plate			Null
ControlSign	Control Sign	text	3	Is the plate a 'control' plate?	Yes/No	Yes/No	Null
DateInstalled	Date Installed	datetime2		date the plate was installed		>=1/1/1900	Null
DateRemoved	Date Removed	datetime2				>= 1/1/1900	Null
Comment	Comment	text	255			no LF/CR, tab, comma or double space	Null
PlateCondition	Plate Condition	int					Null
InstallYear	InstallYear	int		4 digit year of DateInstalled			null

Asset: SignPosts							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	2 digit County Code 01-39	CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	unique road number assigned by the county			Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	Concatination of County Code and Road Number. Used a the Unique identifier in the State wide database			Not Null
MP	MP	numeric	(9,3)	Mile Post of asset		0.000-999.999	Not Null
Jurisdiction	Jurisdiction	text	60	Jurisdiction of asset	domain		Not Null
Offset	Offset	numeric	(9,3)				NULL
PostLength	Post Length	numeric	(9,3)				NULL
NumberOfPosts	Number of Posts	int					NULL
SignPostType	Sign Post Type	text	50		PostType		NULL
SignPostTreatment	Sign Post Treatment	text	50		PostTreatment		NULL
Comment	Comment	text	255			no LF/CR, tab, comma or double space	NULL
SideOfRoad	Side of Road	text	25		SideofRoad		NULL
PostCondition	Post Condition	int					NULL
InspectionInterval	Inspection Interval	int					NULL
LastInspection	Last Inspection	datetime2					NULL
DateInstalled	Date Installed	datetime2				> 1/1/1900	NULL
DateRemoved	Date Removed	datetime2				> 1/1/1900	NULL
OwnerID	Owner ID	text	50				NULL
PostID	Post ID	int		For 1 to many(this is the 1)			NULL
InstallYear	Install Year	int		4 digit year of DateInstalled			NULL

Asset: StormSystemNodes							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	County Code 01-39	CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	5 digit text string			Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	Concatination of County Code and Road Number. Used as the Unique identifier in the State wide database			Not Null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
Jurisdiction	Jurisdiction	text	60	jurisdiction description	JurCode		Not Null
SideOfRoad	Side of Road	text	5		SideofRoad		NULL
Offset	Offset	numeric	(9,2)				NULL
NodeID	Node ID	text	20	County defined			NULL
NodeType	Node Type	text	25		NodeType		NULL
SystemID	System ID	text	20	County defined			NULL
VaultMaterial	Vault Material	text	25		VaultMaterial		NULL
VaultDimensions	Vault Dimensions	text	20				NULL
LidMaterial	Lid Material	text	25		LidMaterial		NULL
LidDimensions	Lid Dimensions	text	20				NULL
OutletDiameter	Outlet Diameter	numeric	(8,2)			>= 0.00	NULL
OutletDepth	Outlet Depth	numeric	(8,2)			>= 0.00	NULL
OutletMaterial	Outlet Material	text	25		OutletMaterial		NULL
OutletDestinationID	Outlet Destination ID	text	20	County defined			NULL
DestinationWaterway	Destination Waterway	text	50	Description of destination			NULL
OutletLength	Outlet Length	numeric	(8,2)			>=0.00	NULL
StructureCondition	Structure Condition	int					NULL
CoverCondition	Cover Condition	int					NULL
LastInspection	Last Inspection	datetime2					NULL
InspectionInterval	Inspection Interval	int					NULL
DateRemoved	Date Removed	datetime2					NULL
WRIA	WRIA	text	2	Code for WRIA			NULL
Comment	Comment	text	255			no LF/CR, tab, comma or double space	NULL
DateInstalled	Date Installed	datetime2					NULL
InstallYear	Install Year	int		4 digit year of date installed			NULL
OwnerID	Owner ID	text	50				NULL

Asset: StormSystemInlets							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain Tables ID	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain	County Code 0-39	CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok	5 digit text string			Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok)	Concatination of County Code and Road Number. Used as the Unique identifier in the State wide database			Not Null
InletDiameter	Inlet Diameter	numeric	(8,2)			>= 0.00	null
InletDepth	Inlet Depth	numeric	(8,2)			>=0.00	null
InletMaterial	Inlet Material	text	25		InletMaterial		null
InletSource	Inlet Source	text	20	NodeID from StormSystemNodes		should be valid no	null

Asset: STREETLIGHTS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
Jurisdiction	Jurisdiction	text	60	jurisdiction description	JurCode		Not Null
PoleType	Pole Type	text	35		StreetLightPoleType		Not Null
MountType	Mount Type	text	35		StreetlightMountType		Not Null
FixtureType	Fixture Type	text	35		StreetlightFixtureType		Not Null
SideOfRoad	Side Road	text	6				Not Null
BulbType	Bulb Type	text	35		StreetlighBulbType		null
BulbWatts	Bulb Watts	int					null
OwnerCode	Owner Code	text	35		StreetlightUtilityCompany		null
OwnerIdentification	Owner Identification	text	15				null
BillingAccount	Billing Account	text	25				null
PowerProvidedBy	Power By	text	25				null
MaintainedBy	Maintained By	text	35		StreetlightUtilityCompany		null
MaintenanceRate	Maintenance Rate	numeric	(6,3)				null
ScheduleCode	Schedule Code	text	15				null
Offset	Offset	numeric	(6,2)				null
Height	Height	numeric	(6,2)				null
SerialNumber	Serial Number	text	25				null
TurnOnDate	Turn Date	datetime2					null
LastInspection	Last Inspection	datetime2					null
InspectionInterval	Inspection Interval	int					null
Comment	Comment	text	255			no comma, tab, linefeed, double space	null
DateInstalled	Date Installed	datetime2					null
DateRemoved	Date Removed	datetime2					null
InstallYear	Install Year	int					null
OwnerID	Owner ID	text	50				null

Asset: STRIPING							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	Domain		CountyCode		Not Null
RoadNumber	Road Number	Text	5 chars - leading 0's ok				Not Null
StateLRS	StateLRS	Text	7 chars - concatenation of countycode & roadnumber (leading 0's on roadnumber ok)				Not Null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
CenterLineType	Center Line Type	Text	35		LineType	'Other' if Null	Not Null
CenterLineReflect	Center Line Reflect	Text	35		Reflectorization		NULL
CenterLineDelin	Center Line Delin	Text	35		Delineation		NULL
EdgeLineType	Edge Line LineType	Text	35		LineType		NULL
EdgeLineReflect	Edge Line Reflect	Text	35		Reflectorization		NULL
EdgeLineDelin	Edge Line Delin	Text	35		Delineation		NULL
LaneLineType	Lane Line LineType	Text	35		LineType		NULL
LaneLineReflect	Lane Line Reflect	Text	35		Reflectorization		NULL
LaneLineDelin	Lane Line Delin	Text	35		Delineation		NULL
InsideEdgeLineType	Inside Edge Line Line Type	Text	35		LineType		NULL
InsideEdgeLineReflect	Inside Edge Line Line Reflect	Text	35		Reflectorization		NULL
InsideEdgeLineDelin	Inside Edge Line Line Delin	Text	35		Delineation		NULL
OtherLineType	Other Line LineType	Text	35		LineType		NULL
OtherLineReflect	Other Line Reflect	Text	35		Reflectorization		NULL
OtherLineDelin	Other Line Delin	Text	35		Delineation		NULL
LastStriping	Last Striping	datetime2					NULL
StripingInterval	Striping Interval	int					NULL
LastInspection	Last Inspection	datetime2					NULL
InspectionInterval	Inspection Interval	int					NULL
Comment	Comment	Text	255			no LF/CR, tab, comma or double space	NULL
OwnerID	Owner ID	Text	50				NULL
AssetID	Asset ID	Text	255				NULL
FromDate	From Date	DATETIME2					NULL
ToDate	To Date	DATETIME2					NULL

Asset: STRUCTURALCONDITION							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
BMP	BMP	numeric	(9,3)			0.000-999.999	Not Null
EMP	EMP	numeric	(9,3)			0.000-999.999	Not Null
RatingDate	Rating Date	datetime2				>1/1/1900	Null
Lane	Lane	text	25				Null
RemainingLife	Remaining Life	int					Null
StructuralNumber	Structural Number	int					Null
NDTIndex	NDT Index	int					Null
Comment	Comment	text	255			no commas, tabs, linefeed or double space	Null
OwnerID	Owner ID	int					Null
AssetID	Asset ID	int					Null
FromDate	From Date	datetime2					Null
ToDate	To Date	datetime2					Null

Asset: TRAFFICSTUDYSTATIONS							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
MP	MP	numeric	(9,3)	Mile Post		0.000-999.999	Not Null
Jurisdiction	Jurisdiction	text	60	jurisdiction description	JurCode		Not Null
StationID	Station ID	text	20				Null
IntersectingRoad	Intersecting Road	text	100				Null
IntersectionLeg	Intersection Leg	text	50				Null
SideOfRoad	Side of Road	text	25		SideofRoad		Null
StationType	Station Type	text	10	Temporary or Permanent	StationType		Null
Comment	Comment	text	255				Null
TrafficStudyStationID	Traffic Study Station ID	int		For 1 to many(this is the 1)			Not Null
DateInstalled	Date Installed	datetime2				>=1/1/1900	Null
DateRemoved	Date Removed	datetime2				>=1/1/1900	Null
InstallYear	Install Year	int		4 digit year of date installed			Null
OwnerID	Owner ID	text	50				Null

Asset: VERTICAL CURVES							
Field Name	Field Alias	Data Type	Field Length/Precision	Field Definition	Domain	Validation Rules	Null/Not Null
CountyCode	County Code	Text	2	2 digit County Code 01-39	CountyCode		not null
RoadNumber	Road Number	Text	5	unique road number assigned by the county			not null
StateLRS	StateLRS	Text	7	concatenation of countycode + 5 digit roadnumber			not null
BMP	BMP	numeric	(9,3)			0.000-999.999	not null
EMP	EMP	numeric	(9,3)			0.000-999.999	not null
EnteringGrade	Entering Grade	numeric	(4,1)				null
ExitingGrade	Exiting Grade	numeric	(4,1)				null
CrestOrSag	Crest or Sag	text	5		CrestOrSag		not null
Illumination	Illumination	text	3		Yes/No		null
StoppingSightDistance	Stopping Sight Distance (ft)	numeric	(4,1)				null
Comment	Comment	text	255			no comma, tab, linefeed or double space	null
AdvisorySigns	Advisory Signs	text	3		Yes/No		null
OwnerID	Owner ID	text	50				null
AssetID	Asset ID	text	255				null
FromDate	From Date	datetime2					null
ToDate	To Date	datetime2					null