# Kansas Department of Transportation

Collector App Model Diagram, full version.
Portions of this model are implemented for the 2018-2019 Collector App.
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For more details and documentation, contact KDOT Transportation Planning 785-296-4899

## Railroad Crossing Feature Dataset

- + Cantilever
- + CrossbuckAssembly
- + Mast
- + RailCrossing

notes

Railroad Crossing Subtype

- 1 Railroad: Active crossbuck only
- 2 Active: Flashing lights with gates
- 3 Active: Flashing lights, no gates
- 4 Active: crossbuck only
- 5 Active: flashing lights, gates, or crossbuck
- 6 Private Crossing - Non Public Road
- 7 Grade Separated - Rail Over Road Bridge
- 8 Grade Separated - Road over Rail Bridge
- 9 Not Actively Used

Railroad Crossing Feature Dataset

Railroad Crossing Subtype

Zoning values according to FRA requirements

Contains attribute information related to the railroad, adjacent tracks, railroad safety appurtenances, and roadway approaches. Used for reporting to USDOT Federal Railroad Authority (FRA) and modeled after the U.S. DOT-FRA Crossing Inventory Form 6180-71 (rev 3.15).

For more information see
http://safetydata.fra.dot.gov/OfficeofSafety/publicsite/FormPub.aspx

Railroad Crossing Material

Lighting type

Railroad Crossing Mast
Add one point and complete attribution for Mast with Lights, Gates, and/or Cantilever Structure Support at Railroad Crossing.
If the crossing has a train-activated warning device (flashing lights [cantilevered or mast mounted] and/or gates), enter the Mast point for each of these vertical structures defined as masts.
Used for reporting to USDOT Federal Railroad Authority (FRA) and modeled after the U.S. DOT-FRA Crossing Inventory Form 6180-71 (rev 3.15).

Railroad Crossing flashing light lens size

Cantilever Structures at Railroad Crossings

## Feature Dataset: Roadway

- + Crosswalk
- + Gate
- + Junctions
- + Median
- + MedianCrosswer
- + ParkingLanes
- + PavMarking
- + RumbleStripLongitudinal
- + RumbleStripTransverse
- + ThroughLanes
- + TurnLaneLeft
- + TurnLaneRight

notes

Feature Dataset for collecting attributes about features in the roadway or features defining characteristics about the legal traveled way.

Feature Dataset for Signs and Traffic Signals

Feature Dataset for Collector information pertaining to storm water management and drainage assets

## Feature Dataset: Roadside

- + HighwayExit
- + ImpactAttenuator
- + RefPost
- + Obstruction
- + WAP
- + CurbAndGutter
- + Fencing
- + UtilityLocates
- + Wall
- + Guardrail
- + PavedShoulder
- + Lighting
- + RoadsideMarker
- + Obstruction
- + Permit
- + Perm8_linear
- + Sidewalk
- + UnpavedShoulder

Feature Dataset for Collecting attributes about features in the roadside or features defining characteristics about the legal traveled way.

## Domains

- + dArtificialPathFCode
- + dCanalDitchFCode
- + dCoastlineFCode
- + dConnectorFCode
- + dCrossingChannelization
- + dCurbPresence
- + dCurbType
- + dInvtroFlowDirections
- + dPipelineFCode
- + dRefernetMethod
- + dResolution
- + dRouteMeasureUnits
- + dStreamRiverFCode
- + dTrafficSignalType
- + dWallComposition
- + dWallOrientation
- + dWallType
- + dHighWaterMarkType
- + dHWMQuality
- + dIntersectionCrossingSignals
- + dIntersectionRailIntersection
- + dAccessVolume
- + dAdminisrtationOwner
- + dAlignment
- + dAspmph
- + dAuxiliaryLaneType
- + dCityNum
- + dCityNum2Application
- + dCondition
- + dCrossingMaterials
- + dCrossingStatus
- + dCrossingType
- + dCrossingUseType
- + dDirection
- + dDistrict
- + dDNSPhone
- + dFencingMaterial
- + dFencingTYpe
- + dFlashTypeLensSize
- + dFlashTypeOther
- + dFunClass
- + dGateType
- + dGateInterest
- + dGuardRailEndTerminal
- + dImpactAttenuationDevices
- + dIntersectionTrafficControl
- + dIntersectionSignalType
- + dLeftRight
- + dLeftTurnLaneType
- + dLeftTurnProhibition
- + dLighting
- + dMedianCrossoverTurnType
- + dMedianType
- + dMedianTypePMS
- + dNHS
- + dPavementMarking
- + dNumberOfLanes
- + dPermitTypes
- + dPostType
- + dPositions
- + dRailroadAdmo
- + dRangeO_100
- + dRangeO_12
- + dRangeO_18
- + dRangeO_2
- + dRangeO_4
- + dRangeO_5
- + dRangeO_50
- + dRangeO_500
- + dRangeO_6
- + dRangeO_8
- + dRangeO_90
- + dRange10_220
- + dRangeLatitude
- + dRangeLongitude
- + dReflector
- + dRightTurnChannelization
- + dRightTurnOnRedProhibition
- + dRumbleStripShape
- + dRumbleStripMakerType
- + dRumbleStripType
- + dSignalRestriction
- + dShoulderType
- + dSides
- + dSignCodeInfo
- + dSignCodeOther
- + dSignCodeRegulatory
- + dSignCodeWarning
- + dSignalType
- + dSourceCit
- + dSpeedLim
- + dSpeedReg
- + dSteerLeftKing
- + dSteerRightKing
- + dSurfaceType
- + dSwDeviceCondition
- + dSwDrainType
- + dSwErosionControlBMP
- + dSwSediментControl
- + dTemanType
- + dTrackType
- + dTumLaneType
- + dUrbanRural
- + dUtilityB11Color
- + dUtilityB11Size
- + dWideningObstacleType
- + dYesNo
- + dZoning
- + sCrossingSubtype

## Signs

- + dAbbreviation
- + dIntersectionID
- + Signs_Information
- + Signs_Other
- + Signs_Regulatory
- + Signs_Warning
- + Traffic_Signal

notes

Feature Dataset for Signs and Traffic Signals