RTCSNV Regional Bike and Sidewalk Inventory

Database Schema

Point Assets

Common Attributes

Field Name	Description	Type	Code
OBJECTID	Unique ID	Number	
ID	Unique ID	Text	
SESSION	Original collection session	Text	
ROUTE	LRS Route ID	Number	
MANDLI_BMP	Begin mile post as measured by DMI	Number	
MANDLI_EMP	End mile post as measured by DMI	Number	
BMP	Begin mile post as measured by LRS	Number	
EMP	End mile post as measured by LRS	Number	
COLL_DATE	Date of collection	Date	
BEGIN_LAT	Latitude at begin of feature	Number	
BEGIN_LONG	Longitude at begin of feature	Number	
BEGIN_ALT	Altitude at begin of feature	Number	
END_LAT	Latitude at end of feature	Number	
END_LONG	Longitude at end of feature	Number	
END_ALT	Altitude at end of feature	Number	
ORIG_ROUTE	Original route name	Text	
RVX_LINK	Hyperlink to feature in viewing platform Roadview Explorer	Text	
STREET_NAME	Local street name	Text	

Obstructions

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of obstruction	Number Text	01 Caution Tape 02 Cones 03 Construction-Sign 04 Fire Hydrant 05 Light Pole 06 Parking Meter 07 Planter 08 Sign Post 09 Tree 10 Utility Box 11 Utility Pole 12 Low Clearance 13 Other
CLEARANCE	Minimum clearance from obstruction to sidewalk boundary, in feet	Number	
HEIGHT	Minimum vertical clearance for tree obstructions, in feet	Number	

Hazards

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Sidewalk hazard type.	Number Text	01 Cracks 02 Lippage
SEVERITY (COND_CODE SEVERITY)	Severity of sidewalk hazard.	Number Text	01 Major 02 Minor

Boxes

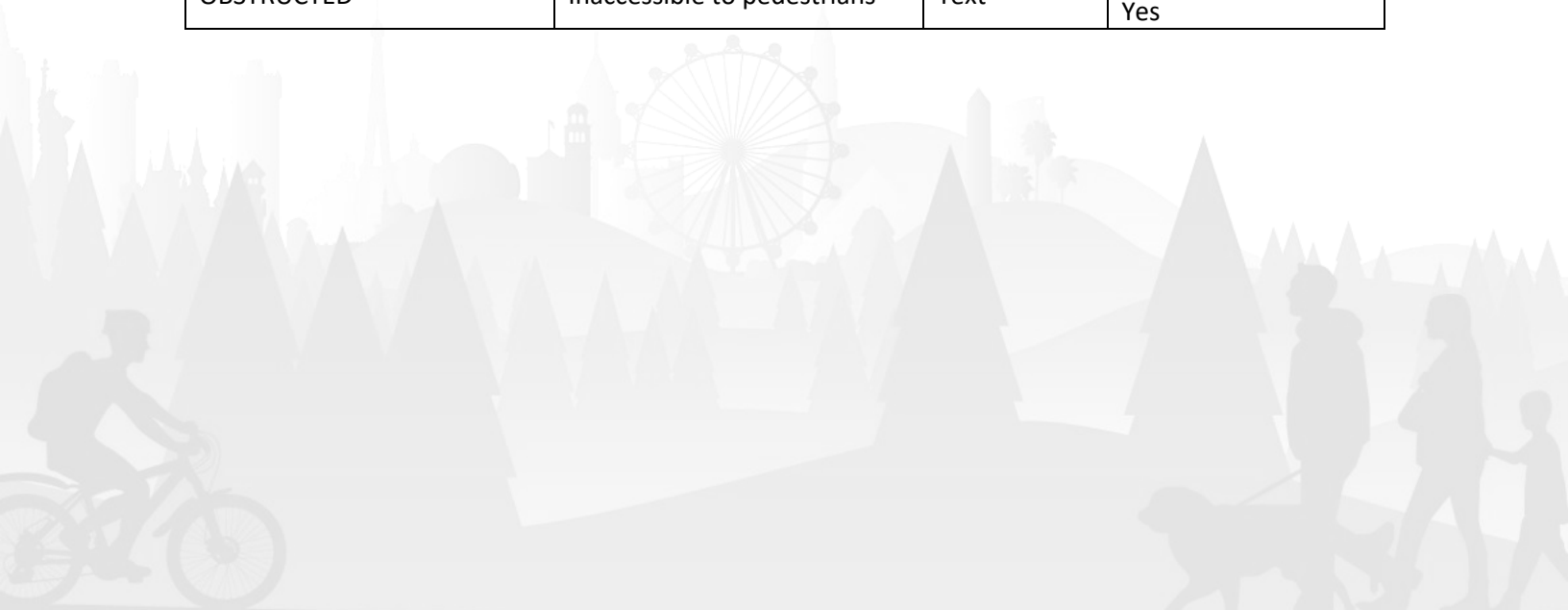| Field Name	Description	Type	Code
LENGTH	Length of box, in feet.	Number	
WIDTH	Width of box, in feet.	Number	
HAZARD	Boxes that are not flush with the sidewalk and potential tripping hazards.	Text	No Yes

Gate

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of gate that is in the path of travel for pedestrians	Number Text	01 Accessible 02 Not Accessible

Amenities

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Pedestrian sidewalk facilities that need to be tracked for maintenance and inventory purposes	Number Text	01 Bike Parking 02 Bike Share 03 Bus Station 04 Shade Structure 05 Street Furniture 06 Trash Can 07 Other

ADA Push Buttons

Field Name	Description	Type	Code
CURB_DISNTACE	Distance from the device to the curb, in feet	Number	
HEIGHT	Height from sidewalk to device, in feet	Number	
OBSTRUCTED	Inaccessible to pedestrians	Text	No Yes

ADA Ramps

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of ramp.	Number Text	01 Curb 02 Driveway 03 Island
LOCATION (LOC_CODE LOCATION)	Location of curb ramp relative to the direction of travel.	Number Text	01 Right 02 Left
CROSS_SLOPE	Cross slope of the ramp, in percent slope.	Number	
RAMP_SLOPE	Slope of the ramp, in percent slope.	Number	
RIGHT_FLARE_SLOPE	Slope of the right flare, in percent slope.	Number	
LEFT_FLARE_SLOPE	Slope of the left flare, in percent slope.	Number	
GUTTER_SLOPE	Slope of the gutter, in percent slope.	Number	
FLUSH_GUTTER	The curb ramp as a flush transition to the gutter.	Text	Yes No
RAMP_WIDTH	Width of the ramp, in feet.	Number	
DOME_PRESENCE	The ramp has a truncated dome.	Text	Yes No
CLEAR_SPACE	Space for turn at bottom of ramp.	Text	Yes No
LANDING_WIDTH	Width of the landing space, in feet	Number	
LANDING_LENGTH	Length of the landing space, in feet.	Number	
LANDING_SLOPE	Slope of the landing space, in percent slope.	Number	
RIGHT_RAMP_SLOPE	Slope of the right ramp, in percent slope.	Number	
LEFT_RAMP_SLOPE	Slope of the left ramp, in percent slope.	Number	

Intersections

Field Name	Description	Type	Code
INTERSECTION_ID	Intersection identification key, provided by NDOT	Text	
TYPE (FEAT_TYPE TYPE)	Intersection control type	Number Text	01 Light 02 Sign 03 Traffic Circle 04 Uncontrolled

Pavement Messages

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of pavement message.	Number Text	01 Bicycle 02 Right Turn Arrow 03 Left Turn Arrow 04 Through Arrow 05 Right Turn with Through Arrow 06 Left Turn with Through Arrow 07 Left and Right Turn Arrows 08 Left and Right Turn with Through Arrow 09 Stop Line 10 Yield Line 11 Shared Lane 12 Railroad Crossing 13 Merge Arrow 14 Wrong Way Arrow 15 HOV 16 Other 17 Text 18 Pedestrian Symbol
CONDITION (COND_CODE CONDITION)	Condition of pavement message	Number Text	01 Good 02 Fair 03 Poor
LEGEND	Syntax of the pavement message.	Text	

Signs

Field Name	Description	Type	Code
BACKING	Type of backing on the sign face.	Text	Extruded Flatsheet
MUTCD	MUTCD code of the sign face.	Text	
MUTCD_DESCRIPTION	MUTCD description of the sign face	Text	
LEGEND	Syntax of the sign face.	Text	
HEIGHT	Height of sign face, in inches.	Number	
WIDTH	Width of sign face, in inches.	Number	
HEIGHT_ABOVE_PAVEMENT	Height of sign vertically measured from the edge of pavement, in feet.	Number	
LOCATION (LOC_CODE LOCATION)	Location of sign face relative to direction of travel.	Number Text	01 Right 02 Left 03 Median 04 Overhead

Linear Assets

Common Attributes

Field Name	Description	Type	Code
OBJECTID	Unique ID	Number	
SESSION	Original collection session	Text	
ROUTE	LRS Route ID	Number	
MANDLI_BMP	Begin mile post as measured by DMI	Number	
MANDLI_EMP	End mile post as measured by DMI	Number	
BMP	Begin mile post as measured by LRS	Number	
EMP	End mile post as measured by LRS	Number	
COLL_DATE	Date of collection	Date	
LENGTH	Length of asset, in miles.	Number	
SHAPE_LENGTH	Length of asset, in meters	Number	
NAME	Route Name	Text	
BEGIN_LAT	Begin latitude	Number	
BEGIN_LONG	Begin longitude	Number	
BEGIN_ELEV	Begin elevation	Number	
END_LAT	End latitude	Number	
END_LONG	End longitude	Number	
END_ELEV	End elevation	Number	
ORIG_ROUTE	Original collection route	Text	
RVX_LINK	Hyperlink to feature in viewing platform Roadview Explorer	Text	
STREET_NAME	Local street name	Text	

Roadway Description

Field Name	Description	Type	Code
TYPE (TYPE_FEATURE FEATURE_DESCRIPTION)	Type of feature	Number Text	2 Right Turn Lane 3 Left Turn Lane 4 Left Shoulder 5 Two-way Left Turn Lane 6 Parking Lane 19 Thru Lane 20 Right Shoulder 21 Non-Mountable Concrete 22 Mountable Concrete 23 Painted 24 Concrete Barrier 25 Other Barrier 26 Grass Plot 28 Other Mountable 29 Other Non-Mountable 30 Bike Lane 31 Private Land in Median 32 River or Stream 40 Ditch 41 Bus Lane 42 Bike Lane Buffer 43 Bus/Bike Lane 44 Raised Island 45 Green Las Vegas Bike Lane 46 Bus Pad 47 Bus Pad/Travel Lane 48 Grass Plot w/Cable Barrier Lt. 49 Grass Plot w/Cable Barrier Rt. 50 Grass Plot w/Cable Barrier Rt. and Lt. 51 Bike Lane Protected Buffer 52 Accel Lane 53 Decel Lane 54 HOV Lane

Field Name	Description	Type	Code
			55 Crosswalk 56 Curb 57 Curb and Gutter 58 Curb, Gutter, and Sidewalk 59 Sidewalk 60 Curb and Sidewalk 61 Shared Path 62 Side Path 99 None
FEATURE_SEQUENCE	Feature Sequence	Number	
SURFACE_TYPE (FEATURE_COMPOSITION COMPOSITION_DESCRIPTION)	Surface Type	Number	05 Unpaved 15 Asphalt 18 Concrete
FEATURE_WIDTH	Feature width, in feet.	Number	
SPEED	Speed limit.	Number	
DIRECTION	Route is divided, undivided or one-way	Number	-1 0 1
CLASS	Functional class	Text	
LANES	Number of travel lanes	Number	

Roadway Segment

Field Name	Description	Type	Code
ST_NAME	Name of route	Text	
LANE_CNT	Count of lanes	Number	
PARK_WIDTH	Width of parking lane	Number	
BIKE_WIDTH	Width of bicycle lane	Number	
BUFF_WIDTH	Width of the buffer between pedestrians and traffic	Number	
LS_WIDTH	Width of left shoulder	Number	
RS_WIDTH	Width of right shoulder	Number	
SIDEWALK	Presence of sidewalk	Number	0 1
TWLT_WIDTH	Width of two way left turn lane	Number	

Road Description – Off-Road

Field Name	Description	Type	Code
FACILITY_TYPE	Type of Feature	Number Text	51 Shared 52 Side Path 53 Crosswalk
SLOPE	Slope of path, every 0.1-mile.	Number	
SURFACE_TYPE	Surface Type	Number Text	05 Unpaved 15 Asphalt 18 Concrete
WIDTH	Feature width, in inches	Number	

Sidewalk Cross Slope

Field Name	Description	Type	Code
ORIGDIRECTION	Direction of sidewalk feature	Text	N E S W
NEWDIRECTION	Direction of crossslope measurement	Text	N E S W
SECTION_LENGTH	Length of feature	Number	
STARTZ	Altitude at start of feature	Number	
ENDZ	Altitude at end of feature	Number	
RISE	Rise of feature	Number	
RUN	Run of feature	Number	
CROSSSLOPE	Cross slope of feature	Number	

Crosswalks

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of crosswalk	Number Text	01 Marked 02 Unmarked
ALIGNED	Crosswalk is aligned with ADA ramp	Text	No Yes
CONDITION (COND_CODE CONDITION)	Condition of paint.	Number Text	01 Good 02 Fair 03 Poor 04 Blank

Polygon Assets

Common Attributes

Field Name	Description	Type	Code
OBJECTID	Unique ID	Number	
ID	Unique ID	Text	
ROUTE	LRS Route ID	Number	
MANDLI_BMP	Begin mile post as measured by DMI	Number	
MANDLI_EMP	End mile post as measured by DMI	Number	
BMP	Begin mile post as measured by LRS		
EMP	End mile post as measured by LRS		
COLL_DATE	Date of Collection	Date	
BEGIN_LAT	Begin latitude	Number	
BEGIN_LONG	Begin longitude	Number	
BEGIN_ELEV	Begin elevation	Number	
END_LAT	End latitude	Number	
END_LONG	End longitude	Number	
END_ELEV	End elevation	Number	

Sidewalks

Field Name	Description	Type	Code
TYPE (FEAT_TYPE TYPE)	Type of feature	Number Text	01 Driveway 02 Parking Lot 61 Shared Path 62 Side Path 05 Unpaved
SURFACE_TYPE (SURF_CODE SURFACE_TYPE)	Surface of pavement.	Number Text	01 Asphalt 02 Concrete 03 Decomposed Granite 04 Natural 05 Other
LOCATION (LOC_CODE LOCATION)	Location of the sidewalk relative to the direction of travel.	Number Text	01 Right 02 Left
WIDTH	Feature width, in feet.	Number	
PROTECTION	Physical barrier between sidewalk and roadway.	Text	No Yes
BUFFER	Presence of a buffer from traffic	Text	No Yes
BUFFER_WIDTH	Width of buffer	Number	
SLOPE	Slope of the sidewalk, in percent slope.	Number	
CROSS_SLOPE	Cross slope of the sidewalk, in percent slope.	Number	
STATUS (STAT_CODE STATUS)	Status of the sidewalk.	Number Text	01 Present 02 Construction 03 N/A