

Metadata provided by PADOT.

Highlighted data sets represent those that are publicly available, with less attribution. The PADOT version is also presented.

Attributes common among data sets may only be described once.

| Dataset/Associated Attributes | Attribute Descriptions |
|---|--|
| XPASDA_RMSSEG (Publicly Available) | |
| ACCESS_CTRL | Access control code |
| CTY_CODE | County code |
| SRBB_CUR_AADT | Current annual average daily traffic |
| DISTRICT_NO | PennDOT engineering district number |
| DIVSR_TYPE | Type of barrier or median on divided road segment |
| DIVSR_WIDTH | Width of divisor in feet |
| FAC_TYPE | One-way indicator |
| JURIS | Jurisdiction or road ownership |
| LANE_CNT | Number of lanes on segment. Does not include turning lanes, passing lanes |
| NHS_IND | National Highway System code |
| NLF_CNTL_BGN | Distance from start of NLF to segment begin point |
| NLF_CNTL_END | Distance from start of NLF to segment end point |
| NLF_ID | Network linear feature id. |
| SEG_LENGTH_FEET | Road segment length in feet |
| SEG_NO | Segment number |
| SIDE_IND | Right/left side indicator |
| STREET_NAME | Street name |
| ST_RT_NO | State route number |
| SURF_TYPE | Surface type |
| TOLL_CODE | Toll indicator |
| TOTAL_WIDTH | Total paved width measurement from edge of pavement to edge of pavement, including any parking lanes |
| TRAF_RT_NO | Traffic route number |
| TRAF_RT_NO_PREFIX | Traffic route number prefix, such as US and PA |
| TRAF_RT_NO_SUFFIX | Traffic route number suffix |
| YR_BUILT | Year built |
| YR_RESURF | Year of last resurfacing |
| RMS_NLF_CONTROL | |
| COMMENT1 | |
| COMMENT2 | |
| CTY_CODE | PennDOT County Code NOT the Commonwealth's |
| CUM_OFFSET_BGN | Distance from start of route to segment begin |
| CUM_OFFSET_END | Distance from start of route to segment end point |
| DESC_BGN | Description of begin point |
| DESC_END | Description of end point |
| DISTRICT_NO | PennDOT Engineering District number |
| DIV_BEG_OFF | |
| DIV_END_OFF | |
| GEOMETRY | GEOMETRY (Oracle Spatial Data Object) |
| JURIS | Jurisdiction or road ownership |
| LENGTH_SOURCE | |
| LINE_SEG_ID | |
| MAPID | MGE map ID |
| MSLINK | MGE link ID |
| NLF_DISTANCE_BGN | |
| NLF_DISTANCE_END | |
| NLF_DISTANCE_END | |
| NLF_ID | Network linear feature id. |
| RECORD_UPDATE | Date of last update, formatted MM/DD/YY |
| SEG_LENGTH_FEET | Road segment length in feet |
| SIDE_IND | Side Indicator |
| ST_RT_NO | State Route Number |
| SUB_ROUTE | Sequential numbering of discontinuous sections |
| UPDATE_CODE | |
| UPDATE_FLAG | Add, change,delete record indicator |
| RMSGDRAIL | |
| CTY_CODE | PennDOT County Code |
| CUM_OFFSET_BGN_T1 | Distance from start of route to segment point |
| CUM_OFFSET_END_T1 | Distance from start of route to segment point |
| DISTRICT_NO | PennDOT |
| GDRAIL_FUNC_BGN | Guardrail begin function code |
| GDRAIL_FUNC_END | Guardrail end function |
| GDRAIL_HGT_CODE | Guardrail height code |
| GDRAIL_SIDE_IND | Guardrail system side |
| GDRAIL_SRVY_DATE | Guardrail system type |
| GDRAIL_TRTMT_DATA | Guardrail system treatment group |
| GDRAIL_TYPE_BGN | Guardrail begin type |
| GDRAIL_TYPE_END | Guardrail end type code |
| GEOMETRY | Oracle Spatial Data |
| JURIS | Jurisdiction or road |
| MAPID | |
| MSLINK | MGE link ID |
| NLF_CNTL_BGN | Distance in feet from start of NLF to segment |
| NLF_CNTL_END | Distance in feet from start of NLF to segment |
| NLF_ID | Network linear feature identifier for use in dynamic segmentation. |
| OFFSET_BGN | Offset at attribute start |
| OFFSET_END | Offset at attribute end |
| RECORD_UPDATE | Date the record was last updated |
| SEG_BGN | Segment number at attribute start point |
| SEG_END | Segment number at attribute end point |
| SEG_LENGTH_FEET | Road segment length |
| SEG_PT_BGN | Concatenated SEG_BGN + OFFSET_BGN |

| Dataset/Associated Attributes | Attribute Descriptions |
|-------------------------------|--|
| RMSSEG (PADOT) | |
| ACCESS_CTRL | Access control code |
| ACCESS_TANDEM_TRLR | Truck route network indicator |
| ATTR_UPDATE | Date of last update, formatted |
| BGN_DESC | Begin terminus disc description |
| BUS_PLAN_NETWORK | BUSINESS PLANNING NETWORK |
| COND_DATE | Pavement survey date, formatted |
| CUM_OFFSET_BGN_T1 | Distance from start of route to segment point |
| CUM_OFFSET_END_T1 | |
| CUR_AADT | Current annual average daily traffic |
| DIR_IND | Directional indicator |
| DISTRICT_NO | PennDOT Engineering District |
| DISTRICT_SPECIAL | Special purpose variable |
| DIVSR_TYPE | Type of barrier or median |
| DIVSR_WIDTH | Width of divisor in feet |
| END_DESC | |
| EXP_WAY_NETWORK | EXPRESSWAY NETWORK |
| FAC_TYPE | One-way indicator |
| FRICTN_COEFF | Condition friction coefficient |
| FRICTN_DATE | Condition friction date, formatted |
| FRICTN_INDX | Condition friction index number |
| GDRAIL_CYCLE | Guardrail survey cycle |
| GEOMETRY | |
| GOVT_LVL_CTRL | Government agency responsible |
| GRAPHIC_LENGTH | not used |
| HOV_LANES | HOV Operations |
| HPMS_DIVSR_TYPE | HPMS divisor types |
| HPMS_SAMP_CNT | |
| INTERST_NETWORK_INDX | |
| IS_STRUCTURE | This identifies sections completely on a structure or tunnel or causeway |
| JURIS | |
| KEY_UPDATE | Date of last update, formatted |
| LANE_CNT | Number of lanes Does not include turning lanes, passing |
| MAINT_RESPON_IND | Maintenance responsibility. |
| MAPID | |
| MILE_POINT | |
| MSLINK | |
| NHPN_IND | National Highway Planning Network indicator (Y / N). |
| NHS_IND | National Highway System code |
| NLF_CNTL_BGN | Distance in feet from start of NLF to segment begin point |
| NLF_CNTL_END | Distance in feet from start of NLF to segment end point |
| NLF_ID | Network linear feature id. |
| NORM_ADMIN_BGN | Beginning segment/offset of RMSADMIN record related to this segment |
| NORM_SHLD_BGN | |
| NORM_TRAFF_BGN | Beginning segment/offset of RMSTRAFFIC record related to this |
| OVERALL_PVMNT_IDX | Overall pavement index |
| PA_BYWAY_IND | PA Scenic Byway Indicator. |
| PAR_SEG_IND | Indicates carriage-way for divided highway segments |
| PARK_LANE | Parking lane indicator |
| PAVMT_CYCLE | Pavement survey cycle |
| PVMNT_COND_RATE | not used |
| ROUGH_INDX | International roughness index |
| ROUTE_DIR | Route direction: B, E, N, O, S, W |
| SEG_LENGTH_FEET | |
| SEG_NO | |
| SEG_STATUS | Segment status - open or under construction |
| SEQ_NO | Sequence number |
| SIDE_IND | Right / Left side indicator |
| ST_RT_NO | State route number |
| STREET_NAME | |
| STREET_NAME2 | Primary alternate street name |
| STREET_NAME3 | |
| SUB_ROUTE | Sequential numbering of discontinuous sections |
| SURF_TYPE | |
| TANDEM_TRLR_TRK | Truck / Parking network indicator |
| TOLL_CODE | Toll indicator |
| TOTAL_WIDTH | Total paved width of roadway |
| TRAF_RT_NO | Traffic route number |
| TRAF_RT_NO_PREFIX | Traffic route prefix, such as US and PA |
| TRAF_RT_NO_PREFIX | Primary alternate traffic route |
| TRAF_RT_NO_SUFFIX | Secondary alternate traffic route |
| TRAF_RT_NO_SUFFIX | Traffic route number suffix |
| TRAF_RT_NO_SUFFIX2 | Primary alternate traffic route |
| TRAF_RT_NO_SUFFIX3 | Secondary alternate traffic route |
| TRAF_RT_NO2 | TRAF_RT_NO2 |
| TRAF_RT_NO3 | |
| TRT_TYPE_NETWORK | Treatment Type Network |
| TRXN_FLAG | not used |
| URBAN_RURAL | Urban/rural code |
| X_VALUE_BGN | not used |
| X_VALUE_END | not used |
| Y_VALUE_BGN | not used |
| Y_VALUE_END | not used |
| YR_BUILT | Year built, formatted (YYYY) |

SEG_PT_END Concatenated SEG_END
SIDE_IND Right/left side indicator

XPASDA_RMSADMIN (Publicly Available)

CTY_CODE County code
FED_AID_SYS Federal-Aid System code
FUNC_CLS Federal functional class code
JURIS Jurisdiction or road ownership
OFFSET_BGN Offset at attribute start point
OFFSET_END Offset at attribute end point
SEG_BGN Segment number at attribute start point
SEG_END Segment number at attribute end point
SEG_LENGTH_FEET Road segment length in feet
SIDE_IND Right/left side indicator
ST_RT_NO State route number

RMSPAVEMENT

CTY_CODE County code
County code PennDOT County Code NOT the Commonwealth's
SRAO_CTY_CODE
CUM_OFFSET_BGN_T1 Distance from start of route to segment point
CUM_OFFSET_END_T1 Distance from start of route to segment point
DISTRICT_NO Oracle Spatial Data
GEOMETRY Jurisdiction code
JURIS
MAPID
MSLINK
NLF_CNTL_BGN Distance in feet from start of NLF
NLF_CNTL_END Distance from start of NLF to segment begin point
NLF_ID Network linear feature identifier
OFFSET_BGN Offset at attribute start point
OFFSET_END Offset at attribute end point
PARK_LANE Parking lane
PVMNT_DESIGN_CBR California bearing ratio: load bearing capacity of pavement sub-base
PVMNT_DESIGN_LIFE Number of years the pavement is designed to last
RECORD_UPDATE Date of last update
SEG_BGN Segment number at start point
SEG_END Segment number at attribute end point
SEG_LENGTH_FEET Road segment length
SEG_PT_BGN Concatenated SEG_BGN + OFFSET_BGN
SEG_PT_END Concatenated SEG_BGN + OFFSET_END
SEQ_NO Sequence number
SIDE_IND Right/left side indicator
ST_RT_NO State route
SURE_TYFE Pavement surface
THRU_LANE_CNT number of through lanes
TOTAL_PVMNT_WIDTH Total pavement measurement from edge of pavement including any parking
TURN_LANE Turning lane(s)

RMSPOSTED

CTY_CODE PennDOT County
CUM_OFFSET_BGN Total distance in feet from the beginning of the route in the county
CUM_OFFSET_END Distance from start of route to segment end
DISTRICT_NO PennDOT
EFFECT_DATE Effective date
GEOMETRY Oracle Spatial Data
JURIS Jurisdiction or road ownership
MAPID MGE map ID
MONTH_FROM Beginning month of seasonal limit
MONTH_TO Ending month of seasonal limit
MSLINK MGE link ID
NLF_CNTL_BGN Distance in feet from start of NLF to segment begin point
NLF_CNTL_END Distance in feet from start of NLF to segment end point
NLF_ID Network linear
OFFSET_BGN Offset at attribute
OFFSET_END Offset at attribute end
RECORD_UPDATE Date the record was last updated
SEASONAL_IND Seasonal restriction
SEG_BGN Segment number at attribute start point
SEG_END Segment number at attribute end point
SEG_LENGTH_FEET Road segment length
SEG_PT_BGN Concatenated SEG_BGN + OFFSET_BGN
SEG_PT_END SEG_END + OFFSET_END
SIDE_IND Right/left side indicator
ST_RT_NO
WEIGHT_LIMIT_TONS Posted weight limit

RMSSHLD

COND_DATE Pavement survey date
CTY_CODE PennDOT County number
CUM_OFFSET_BGN_T1 Total distance in feet from the beginning
CUM_OFFSET_END_T1
CURRENT_PAVE_WIDTH Actual shoulder width
CURRENT_SHLD_TYPE Actual shoulder type
DISTRICT_NO
GEOMETRY
JURIS Jurisdiction or road ownership
MAPID MGE map ID
MSLINK MGE link ID

YR_RESURF Year of last resurfacing, formatted

RMSADMIN (PADOT)

CTY_CODE
CUM_OFFSET_BGN_T1 Total distance in feet from the beginning of the route in the county to the begin point of the attribute record.
CUM_OFFSET_END_T1 Total distance in feet from the beginning of the route in the county to the end point of the attribute record
DISTRICT_NO
FED_AID_SYS NOT ON FEDERAL AID, FEDERAL AID, (NHS) OTHER FEDERAL AID
FED_AID_SYS_STATUS FEDERAL AID SYSTEM OPEN TO TRAFFIC- FEDERAL AID NOT YET BUILT OR NOT OPEN TO TRAFFIC- FEDERAL AID OPEN TO TRAFFIC
FED_AID_URBAN_AREA RURAL, SMALL URBAN (Pop. 5,000 - 49,999), URBANIZED (Pop. 50,000 - 199,999), URBANIZED (Pop.200,000 or more)
FED_ID Federal identification code
FUNC_CLS Federal functional class code
JURIS Jurisdiction code
MAINT_FUNC_CLS (Maintenance function class)
MAPID (MGE map ID)
MSLINK MGE link ID
NLF_CNTL_BGN Distance from start of NLF to segment begin point
NLF_CNTL_END Distance in feet from start of NLF to segment end point
NLF_ID LF_ID is a unique control number internally assigned to represent a single contiguous section of a route within a county.
OFFSET_BGN Offset at start point
OFFSET_END Offset at attribute end point
POST_BOND_IND
RECORD_UPDATE Date the record was last updated
SEG_BGN Segment number at attribute start point
SEG_END Segment number at end point
SEG_LENGTH_FEET Road segment length in feet
SEG_PT_BGN Concatenated SEG_BGN + OFFSET_BGN
SEG_PT_END Concatenated SEG_END + OFFSET_END
SEQ_NO
SIDE_IND Right/left side indicator based on even or odd segment number
SPEED_LIMIT
ST_RT_NO

| | |
|--------------------|---|
| NLF_CNTL_BGN | Distance in feet from start of NLF to begin point |
| NLF_CNTL_END | |
| NLF_ID | Network linear feature identifier for use in dynamic segmentation |
| OFFSET_BGN | Offset at attribute start point |
| OFFSET_END | Offset at attribute end point |
| RECORD_DATE | |
| SEG_BGN | Segment number at attribute start point |
| SEG_END | Segment number at attribute end point |
| SEG_LENGTH_FEET | Road segment length in feet |
| SEG_PT_BGN | Road segment length in feet |
| SEG_PT_END | Concatenated SEG_END + OFFSET_END |
| SEQ_NO | Sequence number for ordering segments |
| SHLD_BLDUP | Shoulder build up |
| SHLD_DETR | Shoulder deterioration |
| SHLD_DROP_OFF | Shoulder drop-off |
| SHLD_LANE_SEPR | Shoulder lane separator condition |
| SHLD_PAVE_WIDTH | Shoulder width as recorded during |
| SHLD_SIDE_IND | Shoulder side indicator |
| SHLD_SLOPE | |
| SHLD_TOTAL_WIDTH | Width of the shoulder to the nearest |
| SHLD_TRMT_DATA | |
| SHLD_TYPE | Shoulder type as recorded during survey |
| SIDE_IND | |
| ST_RT_NO | State route number of roadway. |
| RMSTRAFFIC | |
| ADLF_TRK_BASE | Base Average Daily Load |
| ADLF_TRK_CUR | Current average Daily Load Flexible pavement quality |
| ADLR_TRK_BASE | Current average Daily Load Flexible pavement quality. |
| ADLR_TRK_CUR | Rigid pavement quality. |
| ADTT_BASE | Base truck AADT |
| ADTT_CUR | Current annualized average truck AADT |
| BASE_ADT | Base AADT |
| BASE_ADT_YR | Base ADT year |
| BASE_YR_CLS_CNT | ase year class count |
| CTY_CODE | |
| CUM_OFFSET_BGN_T1 | Total distance in feet from the beginning of the route |
| CUM_OFFSET_END_T1 | |
| CUR_AADT | Current annual average |
| D_FACTOR | Directional traffic split. |
| DIR_IND | Directional indicator |
| DISTRICT_NO | PennDOT |
| DLY_TRK_VMT | Daily truck vehicle miles |
| DLY_VMT | Daily vehicle miles traveled |
| DUR_CLS_CNT | Duration of class count |
| GEOMETRY | |
| K_FACTOR | Ratio of Design Hour Values (DHV) to Annual Average Daily Traffic (AADT) |
| MAPID | |
| MSLINK | |
| NLF_CNTL_BGN | Distance in feet from start |
| NLF_CNTL_END | |
| NLF_ID | Network linear feature |
| OFFSET_BGN | Offset at attribute start |
| OFFSET_END | Offset at attribute end |
| RAW_CNT_HIST_DATE | Raw count date |
| RECORD_UPDATE | Date the record was last updated |
| RMSTRAFFIC_LRS_KEY | Index key for linking to RMSTRAFFIC_VE H08 or RMSTRAFFIC_VE |
| SEG_BGN | Segment number at attribute start point |
| SEG_LENGTH_FEET | Road segment length in feet |
| SEG_PT_BGN | Concatenated SEG_BGN +OFFSET_BGN |
| SEG_PT_END | Concatenated SEG_END +OFFSET_END |
| SEQ_NO | |
| SIDE_IND | Right/left side indicator |
| ST_RT_NO | |
| T_FACTOR | Truck factor. Calculated by dividing the number of trucks in the highest hour by the number of vehicles in the highest hour and multiplying by 100. |
| TRAFF_PATT_GRP | Traffic pattern group |
| TRK_PCT | Truck percent |
| TYPE_OF_CNT | Type of count |
| VOL_CNT_DATE | Volume count date; Date |
| VOL_CNT_KEY | Volume count key; usually the county, route, segment, and offset associated with the actual count. |
| WKDY_TRK_BASE | Base weekday truck volume |
| WKDY_TRK_CUR | Current weekday truck |
| RMSTRHIST | |
| ADLF_TRK_BASE | Base Average Daily Load Flexible |
| ADLR_TRK_BASE | Base Average Daily Load Rigid pavement |
| ADTT_BASE | Base truck AADT |
| BASE_ADT | Base truck AADT |
| BASE_ADT_YR | |
| CTY_CODE | PennDOT County |
| CUM_OFFSET_BGN_T1 | Total distance in feet |
| CUM_OFFSET_END_T1 | |
| D_FACTOR | Directional traffic split |
| DIR_IND | Directional indicator |
| DISTRICT_NO | |
| DLY_TRK_VMT | Daily truck vehicle |
| DLY_VMT | Daily vehicle miles |
| DUR_CLS_CNT | Duration of class count |
| JURIS | |

| | |
|-------------------|---|
| K_FACTOR | Ratio of Design Hour |
| MSLINK | |
| NLF_CNTL_BGN | Distance in feet from |
| NLF_CNTL_END | Distance in feet from start of NLF to segment begin point |
| NLF_ID | Network linear feature |
| OFFSET_BGN | Offset at attribute |
| OFFSET_END | Offset at attribute end |
| RAW_CNT_DATE | Raw count date. Date |
| RAW_CNT_KEY | Raw count key |
| RECORD_UPDATE | Date the record was last updated |
| RMSTRHIST_LRS_KEY | none |
| SEG_BGN | Segment number at attribute start point |
| SEG_END | |
| SEG_LENGTH_FEET | |
| SEG_PT_BGN | Concatenated SEG_BGN + OFFSET_BGN |
| SEG_PT_END | Concatenated SEG_END + OFFSET_END |
| SEQ_NO | |
| SIDE_IND | Right/left side indicator based on even or odd segment |
| ST_RT_NO | State route number of |
| T_FACTOR | Truck factor. |
| TRAFF_PATT_GRP | Traffic pattern group |
| TRK_PCT | Truck percent |
| TYPE_OF_CNT | |
| WKDY_TRK_BASE | Base weekday truck |

| | |
|-------------------|---|
| TMSSTATION | |
| AGENCY_CODE | Agency responsible to collect traffic data |
| CLASS_REQD_IND | Indicates if vehicle classification counts are required |
| CONTROL_COUNT_IND | Site is on the state control count program |
| CTY_CODE | PennDOT County Code |
| CUM_OFFSET_T1 | Distance from start of route |
| CYCLE_YEAR | Count cycle year |
| DISTRICT_NO | |
| DURATION | Length of time |
| EQUIP_CNT | Number of related equipment records |
| FREQ_CYCLE | Count frequency |
| FUNCTN_CNT | Number of related function |
| GEOMETRY | |
| JURIS | |
| LOCATION_FLAG | |
| MAP_SITE_IND | Indicator for map |
| MAPID | |
| MSLINK | |
| NLF_CNTL | Distance from start of NLF to attribute location |
| NLF_ID | Network linear feature id |
| SCHEDULE | How often a TMS count |
| SEG_NO | |
| SEG_OFFSET | |
| SEG_PT | Concatenated SEG_NO + SEG_OFFSET |
| SEQ_NO | |
| SIDE_IND | |
| ST_RT_NO | Side Indicator |
| TMS_PROGRAM_IND | Count program type |
| TMS_SITE_NO | Traffic monitoring site |
| TMS_SITE_STATUS | Scheduling status |
| X_VALUE | |
| Y_VALUE | |