

# GIS DATA DICTIONARY



REGIONAL ENTERPRISE TOWER  
425 Sixth Avenue, Suite 2500  
Pittsburgh, PA 15219-1819  
Tel (412) 391-5590  
Fax (412) 391-9160

SPC's GIS covers the counties of Allegheny, Armstrong, Beaver, Butler, Fayette, Greene, Indiana, Washington and Westmoreland. SPC uses PC ARC/INFO and ArcView GIS software. SPC uses the PA Stateplane South projection, NAD 1927, and the units are in feet.

<b>GIS Coverage</b>	<b>Coverage Type</b>	<b>Coverage Description</b>
AGSEC	- (polygon)	Agricultural Security Areas
AIRPT	- (polygon)	Airports
APARK	- (polygon)	Amusement Parks
ATTRC	- (point)	Attractions
BIKEPED	- (line)	SPC Bicycle/Pedestrian Network
BLKPTS	- (point)	US Census Block Points
CAMPG	- (polygon)	Campgrounds
CEMET	- (polygon)	Cemeteries
COUNTY	- (polygon)	County Boundary
OVER	- (polygon)	Satellite Land Cover - ALCOVERN, *S, & *E for Allegheny County
FLOOD	- (polygon)	Flood Prone Areas
ENVIQ	- (polygon)	Environmental Bio-Diversity Areas
GLAND	- (polygon)	PA State Game Lands
GOLFC	- (polygon)	Golf Courses
GROUP	- (polygon)	Census Block Group Boundaries
HISTO	- (point)	Historic Areas
HOSPI	- (polygon)	Hospitals
INDUS	- (polygon)	Industrial Parks
MAJEM	- (polygon)	Major Employers
MILIT	- (polygon)	Military Sites
MUNIC	- (polygon)	Municipal Boundaries
NETW	- (line)	SPC's Transportation Network / Major Roads
OPENS	- (polygon)	Other Open Spaces
PAHOUSE	- (polygon)	PA State Legislative/Congressional Districts
PASENATE	- (polygon)	PA State Senatorial Districts
PARKS	- (polygon)	Parks (State, County, & Local)
PNRLOTS	- (point)	Park & Ride Lots
PONDS	- (polygon)	Lakes, Ponds, and Stream Areas
PORTS	- (point)	River Terminals
PRIMEAG1	- (polygon)	Prime Agricultural Soils - *1, *2, *3
QUADS	- (polygon)	USGS quadrangle boundaries
RALRD	- (line)	Railroad Lines
RESER	- (polygon)	Forest / Environmental Reserves, State Forests
RIVER	- (polygon)	Rivers
ROADS	- (line)	Streets & Roads - ROADSN, *S, & *E for Allegheny County
RRCROSS	- (point)	Railroad Crossing Locations
SCHDIST	- (polygon)	School Districts
SCHOOL	- (point)	Schools
SEWER	- (polygon)	Sewer Service Areas
SHOPC	- (polygon)	Shopping Centers
SIGNAL	- (point)	Traffic Signals
SITES	- (point)	Historic Sites
SLOPE	- (polygon)	25% or Greater Slope
SRBRIDGE	- (point)	State owned/maintained Bridges
SRCOUNT	- (point)	Traffic Counts along State Roads from PennDOT's GIS
STRDS	- (line)	State Roads from PennDOT's GIS
STREAMS	- (line)	Hydrology - Streams, Rivers, Lakes, & Pond Boundaries
TRACT	- (polygon)	US Census Tracts
TRANSIT	- (line)	Transit Routes
TZONE	- (polygon)	Traffic Analysis Zones
UNIVS	- (polygon)	Colleges & Universities
USCONGRS	- (polygon)	US Legislative/Congressional Districts
USPTS	- (point)	USGS Place Names
WAREH	- (point)	Public Warehouses
WATER	- (polygon)	Water Service Areas
WLAND	- (polygon)	Wetlands
WSHED	- (polygon)	Watersheds
ZIPCD	- (polygon)	ZIPCodes
ZONING	- (polygon)	Zoning Districts - Allegheny County only

## STANDARD ARC/INFO ATTRIBUTES

ARC/INFO has default fields at the beginning of every coverage that **must not be edited**.

### For polygon and point coverages these fields are:

- AREA - Area of a polygon in square feet - zero for points
- PERIMETER - Perimeter of the polygon in feet - zero for points
- (cover)\_ - ARC/INFO's internal ID number
- (cover)\_ID - ARC/INFO's User ID number

### For line coverages these fields are:

- FNODE\_ - Internal ID number of the starting node - "from node"
- TNODE\_ - Internal ID number of the ending node - "to node"
- LPOLY\_ - Left polygon number
- RPOLY\_ - Right polygon number
- LENGTH - Length in feet
- (cover)\_ - ARC/INFO's internal ID number
- (cover)\_ID - ARC/INFO's User ID number

## SPC 'S STANDARD ATTRIBUTES

SPC has standard attributes for several polygon coverages that were developed by SPC. Alpha-numeric codes in three fields (LAYER, CATEGORY, & SUBCAT) help to identify between specific types of features and are outlined under SPC's GIS Layer Listing. These coverages are: AGSEC, AIRPT, APARK, ATTRC, CAMPG, CEMET, ENVIQ, FLOOD, GLAND, GOLFC, HISTO, HOSPI, INDUS, MAJEM, MILIT, OPENS, PARKS, PRAG1, RESER, SEWER, SHOPC, SITES, SLOPE, UNIVS, WAREH, WATER, WLAND, & WSHED.

### The fields are:

- LAYER - SPC Layer Code
- CATEGORY - SPC Category Code
- SUBCAT - SPC Sub-Category Code
- SEQUEN - SPC Sequence Number
- COUNTY - Census County Code
- DESCR - Description / Feature Name / Facility Name
- MAPSYM - SPC Mapping symbol
- PSEQUEN - SPC Sequence Number (LAYER + CATEGORY + SUBCAT + SEQUEN)
- LABEL - SPC Mapping label - using USGS conventions

# ATTRIBUTE DESCRIPTIONS FOR SPC'S COVERAGES

## AGSEC

Attribute descriptions

Layer = T

Category = 0 = Agricultural Security Area

Subcat = 0 = No Sub-Category

1 = PA Farm Protection Program

END OF AGSEC FILE

## AIRPT

Attribute descriptions

Layer = I

Category = 6 = Airport / Airfield

Subcat = 1 = Commercial

2 = Reliever

3 = General Aviation - Public

4 = General Aviation - Private

5 = Heliport

END OF AIRPT FILE

## APARK

Attribute descriptions

Layer = P

Category = 5 = Amusement Park

Subcat = 0 = No Sub-Category

END OF APARK FILE

## ATTRC

Attribute descriptions

Layer = H

Category = 1 = Cultural

Subcat = 0 = No Sub-Category

1 = Museum

2 = Art Gallery

3 = Zoological

4 = Library

5 = Botanical

6 = Astrological

2 = Support Facilities

1 = College/University

2 = Shopping Ctr-Regional

3 = Shopping Ctr-Other

4 = Airports-Commercial

5 = Airports-Other

6 = Hospital

3 = Recreational

1 = State Park

2 = Gameland

3 = County/Pgh Park

4 = Golf Course

5 = Private Park

6 = Sport Facility

7 = Water Orientated

8 = Caverns

9 = Trails

4 = Historic Significance

1 = Domestic/Social

2 = Govt/Education/Health

3 = Commerce/Trade

4 = Religious/Funeral

5 = Recreation/Cultural

6 = Agriculture/Subsistence

7 = Industrial

8 = Defense/Military

9 = Transportation

**ATTRC**

Attribute descriptions ( continued )

Category = 5 = Entertainment

Subcat = 1 = Theater

- 2 = Amphitheater
- 3 = Social/Resorts
- 4 = Cruise
- 5 = Overlooks
- 6 = Winery
- 7 = Arts & Crafts
- 8 = Race Track
- 9 = Amusement Park

6 = Government

- 1 = Court House/Jail
- 2 = State Police
- 3 = Fire (not available)
- 4 = EMS (not available)
- 5 = Driver's Testing Center
- 6 = Federal (misc.)
- 7 = State (misc.)
- 8 = County (misc.)

(Standard SPC Attributes)

ATTTYPE - Type of Attraction - Museum, Theater, Church, Building, etc.

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*END OF ATTRC FILE***BIKEPED**

Attribute descriptions

Layer = K

Category = 1 = Right of Way

- ROW Acquired, status unsure, may be under construction

2 = Roadway

- Existing Road used as a Bicycle/Pedestrian Facility (Link)

3 = Existing Trail

- Trail that currently exists

4 = Proposed Facility

- Possible facility in the future, seen as conceptual

Subcat = 0 = No Sub-Category

- 1 = Hiking/Pedestrian Only
- 2 = Multi-Use Facility
- 3 = Existing Roadway
- 4 = Road w/Shoulder Improvements
- 5 = Bike Lanes

SAVID - SPC Internal ID Number  
 LAYCATSUB - Old Layer, Category, & SubCat  
 IDNUM - Railroad Segment ID Number  
 LAYER - SPC Layer Code  
 CATEGORY - SPC Category Code  
 SUBCAT - SPC Sub-category Code  
 SEQUEN - SPC Sequence Number  
 COUNTY - Census County Code  
 FACILITY - Name of Bike/Ped Feature  
 SEC\_NAM - Rail-to-Trail Section  
 SR - State Route Number

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*END OF BIKEPED FILE*

**BLKPTS**

Attribute descriptions - Point represents the centroid of a 1990 Census Block.

COUNTY - Census County Code  
MCD - Census Municipality Code  
TRACT - Census Tract Number  
GROUP - Census Block Group Number  
BLOCK - Census Block Number  
TOTHU - Total Number of Housing Units  
SGLFAMUN - Number of Single Family Units  
OTHRUN - Number of "Other" Units  
VACUN - Number of Vacant Units  
OWNROCC - Number of Owner Occupied Units  
RENTOCC - Number of Renter Occupied Units  
MKTVAL - Average Market Value  
RENT - Average Rent  
TOTPOP - Total Population  
WHITEPOP - White Population  
BLACKPOP - Black Population  
OTHERPOP - Other Population  
GRPQTRPOP - Group Quarter Population  
HSLDPOP - Household Population  
TOTHSLD - Total Number of Households  
PERS\_HSLD - Persons per Household  
LANDAREA - Land Area of the Census Block  
HU\_ACRE - Housing Units per Acre  
POP\_ACRE - Population per Acre  
URCODE - Urban Area Code  
URBNAME - Urban Area Name  
ZONE - Traffic Analysis Zone Number

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*END OF BLKPTS FILE***CAMPG**

Attribute descriptions

Layer = P

Category = 8 = Camp / Campground

Subcat = 0 = No Sub-Category

1 = Federal  
2 = State  
3 = County  
4 = Municipal  
5 = Private-Non Profit  
6 = Private-Other  
7 = Public  
8 = Membership  
9 = Semi-Private

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*END OF CAMPG FILE***CEMET**

Attribute descriptions

Layer = P

Category = 6 = Cemetery

Subcat = 0 = No Sub-Category

1 = Federal  
2 = State  
3 = County  
4 = Municipal  
5 = Private-Non Profit  
6 = Private-Other  
7 = Public  
8 = Membership  
9 = Semi-Private

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*END OF CEMET FILE*

**COUNTY** Attribute descriptions

COUNTY - Census County Code  
NAME - County Name  
LAYER\_ID - SPC Layer, Category, & Sub-category code  
SQMILES - Area in square miles (Census)  
ACRES - Area in acres (Census)

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END OF COUNTY FILE

**COVER** Attribute descriptions

\* For additional information, refer to SPC's "Satellite Land Cover" tables.

GRID\_CODE - Land cover coding number  
DESCR - Type of land cover  
ACRES - Acreage of polygon  
GEN\_CODE - Generalized land cover code  
GEN\_DESCR - Generalized land cover description

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END OF COVER FILE

**ENVIQ** Attribute descriptions

Layer = M Category = 0 = Enviro Bio-Diversity Areas Subcat = 0 = No Sub-Category

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END OF ENVIQ FILE

**FLOOD** Attribute descriptions

Layer = G Category = 0 = No Category Subcat = 0 = No Sub-Category  
1 = USGS Source  
2 = HUD Source  
3 = Army Corps of Engineers

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END OF FLOOD FILE

**GLAND** Attribute descriptions

Layer = P Category = 2 = Gamelands Subcat = 0 = No Sub-Category  
1 = Federal  
2 = State  
3 = County  
4 = Municipal  
5 = Private-Non Profit  
6 = Private-Other  
7 = Public  
8 = Membership  
9 = Semi-Private

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END OF GLAND FILE

**GOLFC** Attribute descriptions

Layer = P Category = 4 = Golf Courses Subcat = 0 = No Sub-Category  
1 = Federal  
2 = State  
3 = County  
4 = Municipal  
5 = Private-Non Profit  
6 = Private-Other

**GOLFC** Attribute descriptions ( continued )

Layer = P      Category = 4 = Golf Courses      Subcat = 7 = Public  
8 = Membership  
9 = Semi-Private

NUMOFHOLES - Number of playing holes for the golf course  
TELEPHONE - Golf Course's Telephone Number

*END OF GOLFC FILE*

**GROUP** Attribute descriptions

The Current Block Group coverage was developed to identify distressed communities in the SPC Region for the Keystone Opportunity Zones program.

COUNTY - Census County Code  
TRACT - Census Tract Number  
GROUP - Census Block Number  
ID - ID = County + Tract + Group  
TOTPOP90 - Total Population - 1990 Census  
UNEMPLYRAT - Unemployment Rate  
UNEMPLY\_FG - Unemployment Flag (Y/N) if more than 150% of US rate of 6.3%  
PCTBELPOV - Percent of Population Below Poverty Level  
POVERTY\_FG - Poverty Flag (Y/N) if more than 20%  
PCTDSTHSNG - Percent distressed housing  
DSTHSNG\_FG - Distressed housing flag (Y/N) if > 20% lack complete plumbing or > 1 person /room  
MEDINC\_URB - Median family income (MFI) for Urban area  
MFI\_FG\_US - Flag (Y/N) if MFI is 80% or below US MFI of \$35,225  
MFI\_FG\_MET - Flag (Y/N) if MFI is 80% or below US Metropolitan MFI of \$37,896  
MEDINC\_RUR - MFI for rural area  
MFI\_FG\_PA - Flag (Y/N) if MFI is 80% or below PA MFI of \$34,856  
MFI\_RUR\_PA - Flag (Y/N) if MFI is 80% or below PA Rural MFI of \$16,717  
LIMIT\_FLAG - Flag (Y/N) if any of the above flags = "Y" identifies a distressed community  
URB\_OR\_RUR - Urban (U) or Rural (R) area  
FILLER - Blank filler field  
HH90 - Number of Households from 1990 Census  
POP90 - Population 1990  
DUMMY - SPC Dummy flag

*END OF GROUP FILE*

**HOSPI** Attribute descriptions

Layer = I      Category = 3 = Hospital      Subcat = 0 = No Sub-Category  
1 = General Care  
2 = Special Care

*END OF HOSPI FILE*

**INDUS** Attribute descriptions

Layer = I      Category = 2 = Industrial/Business Parks      Subcat = 0 = No Sub-Category  
1 = Industrial  
2 = Office / Business  
3 = Mixed

*END OF INDUS FILE*



**MAJEM**

Attribute descriptions - 200 + employees, and NOT in an industrial park

Layer = 1

Category = 7 = Major Employers

Subcat = 0 = No Sub-Category

- 1 = Durable Manufacturing
- 2 = Non-Durable Manufacturing
- 3 = Research & Development
- 4 = Other Non-Manufacturing
- 5 = Vacant Manufacturing
- 6 = Vacant Non-Manufacturing

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*END OF MAJEM FILE***MILIT**

Attribute descriptions

Layer = 1

Category = 5 = Military Site

Subcat = 0 = No Sub-Category

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*END OF MILIT FILE***MUNIC**

Attribute descriptions

COUNTY - Census County Code  
MCD - Census Municipality Code  
NAME - Municipality Name  
LAND - Census Land Area in Sq Km  
WATER - Census Water Area in Sq Km  
HH90 - Number of Households - 1990 Census  
POP90 - Total Population - 1990 Census  
CNTL\_ID - Census Control ID (County + MCD)  
LAYER\_ID - SPC Layer ID  
MAPSYM - SPC Mapping Symbol  
LABEL - SPC Mapping Label - using USGS conventions

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*END OF MUNIC FILE***NETW**

Attribute descriptions

FDPRE - Prefix to Street Name  
FNAME - Street Name  
FTYPE - Street Type  
FDSUF - Street Suffix  
LEFTADD1 - Segment + Offset / Street # for Geocoding, 1st on Left Side  
LEFTADD2 - Segment + Offset / Street # for Geocoding, Last on Left Side  
RGTADD1 - Segment + Offset / Street # for Geocoding, 1st on Right Side  
RGTADD2 - Segment + Offset / Street # for Geocoding, Last on Right Side  
OWNER - Owner ( 1 = state, 2 = county, 3 = local)  
NHS\_FG - National Highway System Flag ( 0 = No, 1 = Yes)  
DIV\_HWY\_FG - Divided Highway Flag ( 0 = No, 1 = Yes)  
TRANSIT\_G - Transit Flag ( 0 = No, 1 = Yes)  
COUNTY - County  
DIRECTION - Direction (1 = One way, 2 = Two way)  
LANE\_TOTAL - Total # of lanes  
LGTH\_MI - Length of Road Segment in Miles  
URB\_RUL - Urban, Rural, or Small Urban Area  
ALTNAM - Alternative Street Name  
ARANGE - Segment/Offset "Address" Range  
TRAFF\_VOL - Current Traffic Volume  
ZIPCODE - ZIPCode  
SR - State Route #  
SEG - Segment  
FUNC\_CLASS - Functional Class  
TNAME - Township Route #

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*END OF NETW FILE*

**OPENS**

Attribute descriptions

Layer = P

Category = 9 = Other Open Spaces

Subcat = 0 = No Sub-Category

1 = Federal

2 = State

3 = County

4 = Municipal

5 = Private-Non Profit

6 = Private-Other

7 = Public

8 = Membership

9 = Semi-Private

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*END OF OPENS FILE***PAHOUSE**

Attribute descriptions

Layer = C

Category = 2 = PA State Congress

Subcat = 0 = No Sub-Category

DISTNUM - PA Legislative District Number

REP\_NAME - PA Representative's Name

PARTY - Political Party Affiliation

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*END OF PAHOUSE FILE***PARKS**

Attribute descriptions

Layer = P

Category = 1 = Park / Fairgrounds

Subcat = 0 = No Sub-Category

1 = Federal

2 = State

3 = County

4 = Municipal

5 = Private-Non Profit

6 = Private-Other

7 = Public

8 = Membership

9 = Semi-Private

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*END OF PARKS FILE***PASENATE**

Attribute descriptions

Layer = C

Category = 1 = PA State Senate

Subcat = 0 = No Sub-Category

DISTNUM - PA Senatorial District Number

REP\_NAME - PA Senator's Name

PARTY - Political Party Affiliation

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*END OF PASENATE FILE***PNRLOTS**

Attribute descriptions

Layer = U

Category = 8 = Park &amp; Ride Lots

Subcat = 0 = No Sub-category

1 = PennDOT

2 = Municipal

3 = PATransit

4 = Other Transit

5 = Private-Contract

6 = Private-Other

7 = Other

IDNUM - SPC ID Number

COUNTY - Census County Code

MCD - Census Municipal Code



**PONDS**

Attribute descriptions ( continued )

\*WATER QUALITY CODES - for Hydrology coverages

WWF	- Warm Water Fishery
HQWWF	- High Quality Warm Water Fishery
CWF	- Cold Water Fishery
HQCWF	- High Quality Cold Water Fishery
TSF	- Trout Stocked Fishery
HQTSF	- High Quality Trout Stocked Fishery
EV	- Exceptional Value

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*END OF PONDS FILE***PORTS**

Attribute descriptions

Layer = E	Category = 3 = River Terminals	Subcat = 0 = No Sub-category 1 = River Terminal 2 = Private Facility 3 = Barge & Tow Company 4 = Terminal & Barge/Tow Company
COUNTY	- Census County Code	
LAYER	- SPC Layer Code	
CATEGORY	- SPC Category Code	
SUBCAT	- SPC Sub-category Code	
ID	- Terminal ID - Example: M-23.60-L (from Port of Pittsburgh) - M represents River - A=Allegheny, M=Monongahela, O=Ohio - 23.60 is Milepost from Point State Park, Pittsburgh - L is Bank of River when Traveling Downstream - L=Left, R=Right	
DESCR	- River Terminal Name, Description or Company Name	
LABEL	- SPC Mapping label - using USGS conventions	
USE	- Designation of Terminal - TERMINAL, PRIVATE, BARGE/TOW, or TERM/BARGE	
USENUM	- Terminal Code - 1 = TERMINAL, 2 = PRIVATE, 3 = BARGE/TOW, 4 = TERM/BARGE	
RAL_BRG	- Direct Rail to Barge Transfer Code (Y=Yes, Else Blank)	
TRK_BRG	- Direct Truck to Barge Transfer Code (Y=Yes, Else Blank)	
BRG_RAL	- Direct Barge to Rail Transfer Code (Y=Yes, Else Blank)	
BRG_TRK	- Direct Barge to Truck Transfer Code (Y=Yes, Else Blank)	
OPEN_STORE	- Open Area Storage Capacity in Acres	
COVR_STORE	- Covered Storage Capacity in Square Feet	
TANK_STORE	- Tank Storage Capacity in Barrels	
RAL_SIDING	- Rail Siding Flag (Y=Yes, Else Blank)	
RALSIDING1	- Rail Siding Railroad Company 1	
RALSIDING2	- Rail Siding Railroad Company 2	
RALSIDING3	- Rail Siding Railroad Company 3	
RALSIDING4	- Rail Siding Railroad Company 4	

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*END OF PORTS FILE***PRIMEAG1**

(\*1, \*2, \*3) Attribute descriptions

Layer = S	Category = 0 = Prime Agricultural Soils	Subcat = 0 = No Sub-category
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*END OF PRIMEAG1 FILE***QUADS**

Attribute descriptions

Layer = F	Category = 6 = USGS 7 1/2' Quadrangle	Subcat = 0 = No Sub-category
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COUNTY - Census County code assigned by USGS

QUAD - Name of the USGS quadrangle

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*END OF QUADS FILE*

**RALRD** Attribute descriptions

- UNIQUEID - Railroad Feature ID Number
- CNTY\_NAM - County Name
- SEG\_NO - RR Segment Number
- REGION - PennDOT Region
- RR\_NAM - RR Name
- FROM - Origin of RR Segment
- TO - Destination of RR Segment
- LIN\_NAME - RR Line Name
- STATUS - RR Line Status
- LENGTH\_GIS - Internal Length
- MILEAGE - Mileage of RR Segment
- LST\_YROP - Last year Segment was in Operation
- YR\_ABAN\_AP - Year Abandonment Applied
- DOKET\_NO - Docket Number
- YR\_ABN\_APP - Year Abandonment Approved
- YR\_TK\_REM - Year Track Removed
- RE\_OWNER - Real Estate Owner
- CONDITN - Track Condition
- RTT\_PROJ - Rails-to-Trails Project
- RTT\_STATUS - Rails-to-Trails Status
- MAPSYM - SPC Mapping Symbol

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*END OF RALRD FILE*

**RESER** Attribute descriptions

- |   |  |  |
|---|--|--|
| <ul style="list-style-type: none"> <li>Layer = P</li> </ul> | <ul style="list-style-type: none"> <li>Category = 3 = Forest Reserves</li> </ul> | <ul style="list-style-type: none"> <li>Subcat = 0 = No Sub-category</li> <li>1 = Federal</li> <li>2 = State</li> <li>3 = County</li> <li>4 = Municipal</li> <li>5 = Private-Non Profit</li> <li>6 = Private-Other</li> <li>7 = Public</li> <li>8 = Membership</li> <li>9 = Semi-Private</li> </ul> |
|---|--|--|

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*END OF RESER FILE*

**RIVER** Attribute descriptions

- MAPSYM - SPC Mapping Number
- COUNTY - Census County Code
- RIVER - River Feature Description
- LABEL - SPC Mapping Label
- ALCO - Allegheny County Flag
- ARCO - Armstrong County Flag
- BECO - Beaver County Flag
- BUCO - Butler County Flag
- FACO - Fayette County Flag
- GRCO - Greene County Flag
- INCO - Indiana County Flag
- WACO - Washington County Flag
- WECO - Westmoreland County Flag

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*END OF RIVER FILE*

**ROADS**

Attribute descriptions

RECNUM	- TIGER file Control Field
FDPRE	- Prefix to Street Name
FNAME	- Street Name
FTYPE	- Street Type
FDSUF	- Street Suffix
LEFTADD1	- First Address, Left Side of Street
LEFTADD2	- Last Address, Left Side of Street
RGTADD1	- First Address, Right Side of Street
RGTADD2	- Last Address, Right Side of Street
ZIPCOLEF	- ZIPCode, Left
ZIPCORG	- ZIPCode, Right
FMCDCCD90L	- Census Municipality Code (FIPS), Left
FMCDCCD90R	- Census Municipality Code (FIPS), Right
CTBNA90L	- Census Tract Number, Left side
CTBNA90R	- Census Tract Number, Right side
BLK90L	- Census Block Number, Left side
BLK90R	- Census Block Number, Right side
ALTNAM	- Alternative Street Name (Fdpref + Fname + Ftype + Fdsuf)
ARANGE	- Address Range
SYMBOL	- SPC Control Field
ZIPCODE	- ZIPCode
SR	- State Route Number
SEGMENT	- Segment Number
CLASS	- Functional Class
TNAME	- Township Route Number
SAVSYM	- Mapping Symbol
TZONE	- Traffic Analysis Zone
LZONE	- Left Traffic Analysis Zone
RZONE	- Right Traffic Analysis Zone
MODEL	- SPC Control Field
DBLLINE	- SPC Control Field
SAVID	- SPC Control Field

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*END OF ROADS FILE***RRCROSS**

Attribute descriptions

COUNTY	- Census County Code
LAYER	- SPC Layer Code
CATEGORY	- SPC Category Code
SUBCAT	- SPC Subcategory Code
SEQUEN	- SPC Sequence Number
CROSSID	- Master File Identifier Code
RRCODE	- Railroad Code
RRNAME	- Railroad Name
XNGCODE	- Type of Crossing Code
TYPEXNG	- Type of Crossing Name
POSXNGC	- Position of Crossing Code
POSXNGN	- Position of Crossing Name
RRDIV	- Railroad Division Name
RRSUBDIV	- Railroad Sub-Division Name
HIGHWAY	- Highway LR/SR
STRNAME	- Street Name
RR_IDENT	- Railroad Ident. Number
TMTBLCD	- Time Table Station Code
TMTBLSTA	- Time table Station Name
BRANCH	- Branch Name
MILEPOST	- Mile Post (XXXX.XX)
PVTXNGCD	- Private Crossing Use Code

**RRCROSS** Attribute descriptions ( continued )

PVTXNGNM - Private Crossing Use Name  
PVTXNGIN - Private Crossing Code  
SIGTYPE - Sign/Signal at CROSSING  
SIGDESCR - Sign/Signal Description  
DAYTHUTN - Number Daytime Through Train  
DAYSWTTN - Number Daytime Switch Train  
NITTHUTN - Number Nighttime Through Train  
NITSWTTN - Number Nighttime Switch Train  
LT1\_PDAY - Less Than 1 Train Per Day\*  
MAXTTSPD - Max Time Table Speed  
MIN\_SPD - Typical from Min Speed  
MAX\_SPD - Typical to Max Speed  
MAINTRAK - Number of Main Tracks  
OTHRTRAK - Number of Other Tracks  
OTHTKDES - Other Track Description  
RRDIFTRK - Does Another RR Operate a Separate Track\*  
RRDIFNAM - RR Code Use Diff Track  
RRSAMTRK - Does Another RR Operate the Same Track\*  
RRSAMNAM - RR Codes Using Same Track  
CBKREFR - Reflectorized Signs  
CBKNREFR - Non-Reflectorized Signs  
STDHWYSP - Standard Hwy Stop Signs  
OTHSPSGN - Other Stop Signs  
OTHRSGN1 - Other Signs-1  
DESCOTH1 - Description of Other Signs-1  
OTHRSGN2 - Other Signs-2  
DESCOTH2 - Description of Other Signs-2  
ACTR\_W - Train Activated Red & White  
ACTOTHR - Train Activated Other  
FLHOVTR - Cantil'd Flashing Over Traff  
FLHNOVTR - Cantil'd Flashing Not Over Traffic  
MASMTFLH - Mass Mounted Flashing Lights  
OTHFLHLT - Other Flashing Lights  
OTHFLDES - Description of other Flashing Lights  
TRAFSIGN - Traffic Signals  
WIGWAGS - Wigwag Signals  
BELLS - Bells  
SIGDESC - Description Non-Train Activated Signs/Signals  
NUMSIGNS - Number of Signs (above)  
COMMPOWR - Commercial Power Avail.\*  
SIGNEQUP - Is Track signal Equipped\*  
SPDSELECT - Does Xng Signal Provide Speed Selection(Y/N/?)  
TYPEDEVL - Type of Development  
HWYPAVED - Is Highway Paved\*  
RRDNSTR - Is Railroad Down a Street\*  
PAVMRKGS - Pavement Markings  
HWYNEAR - Is Highway Near Crossing  
ADVRRSIG - Advance Railroad Warning Signs  
ANGLXNG - Angle of Crossing  
XNGSURF - Crossing Surface Type  
NUMTRFLN - Number of Traffic Lanes  
TKPULOUT - Trk Pullout Lanes Present\*  
STHWYXNG - Is Crossing on State Hwy\*  
HWYSYSTM - Federal Aid Highway System  
FUNCCLAS - Functional Class of Highway  
ADDTVOLS - ADDT - Traffic Volume  
PCTTRUCK - Percent Truck Traffic

Note: Code "1" = Yes, Code "2" = No

END OF RRCROSS FILE





**SIGNAL** Attribute descriptions ( continued )

LAYER - SPC Layer Code  
 CATEGORY - SPC Category Code  
 SUBCAT - SPC Sub-category Code  
 SEQUEN - SPC Sequence Number  
 PSEQUEN - SPC Unique ID (Layer + Category + Sub-Category + Sequence Number)  
 PADT\_ID - PENNDOT ID Number  
 STATUS - Status of Signal  
 OPERATION - Type of Signal Operation  
 PERMIT - PENNDOT Permit Number  
 ISSUE\_DATE - Date Permit was Issued  
 PERM\_DATE - Date Permit was received  
 UPGD\_DATE - Date Signal was upgraded  
 TIMG\_DATE - Date Signal was last Timed  
 MCD - Municipality Name  
 MAIN\_ST - "Main" Street of Signal Location  
 MAIN\_SR - "Main" State Route of Signal Location  
 MAIN\_SEG - "Main" Segment of Signal Location  
 MAIN\_OFST - "Main" Offset of Signal Location  
 INTS\_ST - Intersecting Street Name  
 INTS\_SR - Intersecting Street State Route Number  
 INTS\_SEG - Intersecting Street Segment  
 INTS\_OFST - Intersecting Street Offset  
 SIG\_CONN - Interconnected signal number / identifier

END OF SIGNAL FILE

**SITES** Attribute descriptions

Layer = U

Category = 5 = Historic Site

Subcat = 0 = No Sub-category

- 1 = Domestic/Social
- 2 = Govt/Education/Health
- 3 = Commerce/Trade
- 4 = Religious/Funerary
- 5 = Recreation/Cultural
- 6 = Agriculture/Subsistence
- 7 = Industrial
- 8 = Defense/Military
- 9 = Transportation

END OF SITES FILE

**SLOPE** Attribute descriptions

Layer = R

Category = 0 = 25% Slope

Subcat = 0 = No Sub-category

END OF SLOPE FILE

**SRBRIDGE** Attribute descriptions

COUNTY - Census County Code  
 MCD - Census Municipality Code  
 SR - State Route Number  
 SEG - State Route Segment  
 OFFSET - State Route Offset  
 REC\_NO - SPC Database Record Number  
 PD\_DESCR - PennDOT Description of Bridge  
 LOCATION - Bridge Location Description

END OF SRBRIDGE FILE

**SRCOUNT** Attribute descriptions

ADDRESS - SR, Segment, & Offset "Address" of Count Location  
REC\_NO - SPC Record Number  
LAYER - SPC Layer Code = 'U'  
CATEGORY - SPC Category Code = 3  
SUBCAT - SPC Sub-Category Code - 1 = on State Road, 2 = on County or Local Road  
SEQUEN - SPC Sequence Number  
PSEQUEN - SPC Unique ID (Layer + Category + Sub-Category + Sequence #)  
COUNTY - Census County Code  
MAP - HPMS & Project Map Number  
F\_CLS - Functional Class  
HPMS\_ID - HPMS ID Number  
SUBD - HPMS Subdivision Number  
SR\_NO - State Route Number  
SEG - Segment #  
OFFSET - Offset  
RTE - State Route Number  
YR - Year of the Traffic Count  
DATE - Date of the Traffic Count - MM/DD/YY  
SURV\_TP - Survey Abbreviation (HPMS, PDOT, etc...)  
LANES - Number of Lanes  
OWNER - Owner of Road segment (1=PA, 2=MCD, 3=County)  
LOC\_DESC - Location Description  
STR\_NAME - Street Name  
LGTH - Length of Street Segment - Miles (HPMS)  
A24HR\_CNT - Number of Vehicles in a 24 Hour Period  
DIR - Direction of Travel on Street Segment (1=One Way, 2=Two Way)  
A8HR\_FG - Flag for an Eight Hour Count (10AM - 6PM)  
DAY\_WK - Day of The Week (1=Mon,...7=Sun)  
AM\_PK\_HR - Beginning Hour Peak Traffic - AM  
AM\_PK\_VOL - Peak Traffic Volume - AM  
PM\_PK\_HR - beginning Hour Peak Traffic - PM  
PM\_PK\_VOL - Peak Traffic Volume - PM  
FED\_ID - Federal Traffic Count ID - HPMS - Locals Only  
FED\_SEC - Federal Road Segment - HPMS - Locals Only  
ARSRCLN\_ - ArcInfo Control Field  
ARSRCLN\_ID - ArcInfo Control Field  
ARSRCLN\_SI - ArcInfo Control Field

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*END OF SRCOUNT FILE*

**STRDS** Attribute descriptions

FDPRE - Road Prefix  
FNAME - Road name (all are SR #)  
FTYPE - Road type (all are "Hwy")  
COUNTY - County code  
LEFTADD1 - 1st address, left side (segment + offset)  
LEFTADD2 - Last address, left side (segment + offset)  
SR - State Route Number  
SEGMENT - Segment #  
OFFSET\_BGN - Beginning Offset of Segment (feet)  
OFFSET\_END - Ending Offset of Segment (feet)  
SIDE\_IND - Side Indicator for "split" Highways  
YR\_BUILT - Year Road Built  
YR\_SURFACE - Year Road was Last Resurfaced  
FAC\_TYPE - Facility Type  
TOTAL\_WDTH - Pavement Width  
SURF\_TYPE - Surface Type  
LANE\_CNT - Number of Lanes

**STRDS**

Attribute descriptions ( continued )

ACCESSCTRL - Access Control Code  
TOLL\_CODE - Toll Facility Code  
STREETNAME - Local Roadway Name  
RT\_NO\_PRFX - Route Number Prefix (US or PA)  
TRAF\_RT\_NO - Route Number  
RT\_NO\_SFFX - Route Number Suffix  
NHS\_IND - National Highway System Code  
FEDAID\_SYS - Federal Aid System Code  
FUNC\_CLASS - Functional Classification  
CUR\_AADT - Current Average Annual Daily Traffic (AADT)  
ADTT\_CUR - Current Average Annual Daily Truck Traffic (AADT)  
TRK\_PCT - Percent Trucks on Roadway  
WKDYTRKCUR - Current Weekday Truck Volume  
DLY\_VMT - Daily Total Vehicle Miles Traveled (VMT)  
DLYTRKVMT - Daily Truck Vehicle Miles Traveled (VMT)  
COUNTY\_SR - County Code + SR Number  
DUP\_CODE - SPC Duplicate Flag  
SURFACE - Road Surface Type  
LENGTH\_FT - Length of GIS Road Section in Feet  
INT\_RO\_IDX - Road Roughness Index for Section  
OVR\_PV\_IDX - Overall Pavement Index Rating for Section  
COST\_DOLLS - Cost in Dollars to improve Section  
PA\_COND\_ID - State Condition Record ID Number  
ACC\_TOTAL - Total Number of Accidents along Section  
ACC\_DEATH - Total Number of Accidents along Section, with a Fatality  
ACC\_MAJOR - Total Number of Accidents along Section, considered Major  
ACC\_MEDIUM - Total Number of Accidents along Section, considered Moderate  
ACC\_MINOR - Total Number of Accidents along Section, considered Minor  
ACC\_NO\_INJ - Total Number of Accidents along Section, with no Injuries  
ACC\_UNKNOW - Total Number of Accidents along Section, of unknown conditions  
PERS\_KILL - Number of Persons Killed in Accidents along Section  
PERS\_INJUR - Number of Persons Injured in Accidents along Section  
TOT\_VEHCLS - Total Number of Vehicles Involved in Accidents along Section  
AUTOS - Total Number of Automobiles Involved in Accidents  
OTHR\_VEH - Total Number of Trucks & Other Vehicles Involved in Accidents  
FACTR\_DRVR - Driver Error was Contributing Factor in Accident  
FACTR\_SGNL - Signal or Sign was Contributing Factor in Accident  
FACTR\_ROAD - Road Condition was Contributing Factor in Accident  
FACTR\_SPED - Speed was Contributing Factor in Accident  
FACTR\_VEH - Vehicle Problem was Contributing Factor in Accident  
FACTR\_OTHR - Other Factor Contributed to Accident  
STREET\_NAM - Local Roadway Name  
CEN\_CO\_COD - Census County Code  
CEN\_MCD - Census Municipal Code  
NUM\_BRIDGE - Number of Bridges along Road Section  
BRG\_LOCATE - Bridge Location Description  
BRG1\_SFRAT - Federal Sufficiency Rating, for 1st Bridge along Section  
BRG1\_SFRNK - County Ranking of Sufficiency Rating, for 1st Bridge  
BRG1\_DFRAT - Maintenance Deficiency Points, for 1st Bridge  
BRG1\_DFRNK - County Ranking of Deficiency Points, for 1st Bridge  
BRG2\_SFRAT - Federal Sufficiency Rating, for 2nd Bridge along Section  
BRG2\_SFRNK - County Ranking of Sufficiency Rating, for 2nd Bridge  
BRG2\_DFRAT - Maintenance Deficiency Points, for 2nd Bridge  
BRG2\_DFRNK - County Ranking of Deficiency Points, for 2nd Bridge  
BRG3\_SFRAT - Federal Sufficiency Rating, for 3rd Bridge along Section  
BRG3\_SFRNK - County Ranking of Sufficiency Rating, for 3rd Bridge  
BRG3\_DFRAT - Maintenance Deficiency Points, for 3rd Bridge

**STRDS** Attribute descriptions ( continued )

- BRG3\_DFRNK - County Ranking of Deficiency Points, for 3rd Bridge
- BRG4\_SFRAT - Federal Sufficiency Rating, for 4th Bridge along Section
- BRG4\_SFRNK - County Ranking of Sufficiency Rating, for 4th Bridge
- BRG4\_DFRAT - Maintenance Deficiency Points, for 4th Bridge
- BRG4\_DFRNK - County Ranking of Deficiency Points, for 4th Bridge
- FLAG - SPC Coding Flag

*END OF STRDS FILE*

**STREAMS** Attribute descriptions

- Layer = L      Category = 7 = Hydrology      Subcat = 0 = No Sub-category
  - 1 = River
  - 2 = Lake
  - 3 = Pond / Reservoir
  - 4 = Stream - polygon
  - 5 = Stream - line
  - 6 = Island
  - 7 = Dam

- STRM\_CODE - SPC named stream coding number
- STRM\_NAME - Name of stream / pond / hydrologic feature
- SHED\_SEQ - SPC Watershed sequence number
- SHED\_NAME - Watershed name
- QUALITY - Water quality code - from PA DEP Title 25 Report - see table below\*
- ORDER - PA DEP Stream order
- DER\_DRAIN - PA DEP drainage basin code
- LAYER - SPC Layer Code
- CATEGORY - SPC Category Code
- SUBCAT - SPC Sub-category Code
- COUNTY - Census County code

\*WATER QUALITY CODES - for Hydrology coverages

- WWF - Warm Water Fishery
- HQWWF - High Quality Warm Water Fishery
- CBWF - Cold Water Fishery
- HQCBWF - High Quality Cold Water Fishery
- TSF - Trout Stocked Fishery
- HQTSF - High Quality Trout Stocked Fishery
- EV - Exceptional Value

*END OF STREAMS FILE*

**TRACT** Attribute descriptions

- COUNTY - County Number
- TRACT - Census Tract Number
- LAND - Acres of Land in Tract
- WATER - Acres of Water in Tract
- HH90 - Number of Households in Tract (1990)
- POP90 - Population of Tract (1990)
- CNTL\_ID - SPC Control ID (County + Tract)
- LAYER\_ID - Census Control Field
- TOTPOP - Total 1990 Census Population
- ABOVEPOV - Population Above the Poverty Level
- BELOWPOV - Population Below the Poverty Level
- POVCLASS - SPC Classification Field
- CLS8\_I - SPC Classification Field

**TRACT**

Attribute descriptions ( continued )

CLS8\_1 - SPC Classification Field  
 CLS9\_15 - SPC Classification Field  
 AVCLS - SPC Classification Field  
 CLS9\_4 - SPC Classification Field  
 HSLDINC - 1990 Census Household Income  
 PERCAP - 1990 Census Per Capita Income  
 PCTBELPV - Percent of 1990 Census Population Below the Poverty Level  
 POPEMP - 1990 Census Population of Employed Persons  
 POPUNEMP - 1990 Census Population of Un-Employed Persons  
 LABFORCE - 1990 Census Population of Total Labor Force (POPEMP + POPUNEMP)  
 PCTUNEMP - Percent of Un-Employed Persons, 1990 Census  
 MFIRATIO - Ratio: Median Family Income (MFI) divided by PA MFI, based on Urban or Rural  
 URB\_RURL - Tract Designation - U = Urban, R = Rural  
 BELPOVFG - Flag (\*) to Denote if 20%+ Population Below Poverty Level  
 UNEMPFG - Flag (\*) to Denote if % Un-Employed Exceeds PA Rate of 6% x 1.25  
 MFIRATFG - Flag (\*) to Denote if Ratio of Tract MFI to PA MFI is .80 or Less  
 KEYOPZN - Flag (Y/N) to Denote if Tract can be Part of a Keystone Opportunity Zone

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*END OF TRACT FILE***TRANSIT**

Attribute descriptions

SAVID - SPC Unique ID Number  
 ALTNAM - Street Name  
 FRNODE - Map Plot "From" Node  
 TONODE - Map Plot "To" Node  
 KEY\_TO\_FM - SPC key matching field (FRNODE + TONODE)  
 COUNTY - Census County Code  
 SR - State Route #  
 FUNC\_CLASS - Functional Class  
 NHS\_FG - National Highway System Flag ( 0 = No, 1 = Yes)  
 CMS\_COR - SPC Congestion Management System Corridor Code  
 DIRECTION - Direction (1 = One way, 2 = Two way)  
 LANE\_TOTAL - Total # of lanes  
 LGTH\_MI - Length of Road Segment in Miles  
 URB\_RUL - Urban, Rural, or Small Urban Area  
 ROUTES - Route Numbers Using the Current Street Segment (delimited by |)  
 PAT - Port Authority of Allegheny County flag  
 BCTA - Beaver County Transit Authority flag  
 BTA - Butler County Transit Authority flag  
 GGC - GG & C Bus Company, Inc. (Washington County) flag  
 LIMO - Airport Limousine Co., flag  
 LINCLN - Lincoln Coach (Butler County) flag  
 MCTA - Mid County Transit Authority flag  
 MMVTA - Mid Mon-Valley Transit Authority flag  
 WCTA - Westmoreland County Transit Authority flag  
 LAYER - SPC Layer Code  
 CATEGORY - SPC Category Code  
 SUBCAT - SPC Sub-Category Code  
 SAVSYM - SPC Mapping Symbol  
 NUM\_COS - Number of Transit Companies Using Segment

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*END OF TRANSIT FILE***TZONE**

Attribute descriptions

ZONE - SPC Traffic Analysis Zone Number  
 COUNTY - Census County Code (Census, 000 = Pittsburgh)  
 MCD\_CODE - Municipal Code (Census)  
 MCD\_NAME - Municipality Name or, if Pittsburgh, Neighborhood



**WAREH**

Attribute descriptions

Layer = E

Category = 8 = Warehouse/Distribution Ctr

Subcat = 0 = No Sub-category

*END OF WAREH FILE***WATER**

Attribute descriptions

Layer = D

Category = 1 = Existing Water Service  
2 = Planned Water Service

Subcat = 0 = No Sub-category

1 = Authority  
2 = Municipal  
3 = Private*END OF WATER FILE***WLAND**

Attribute descriptions

Layer = L

Category = 6 = Wetlands

Subcat = 1 = Forested

2 = Non-Forested

*END OF WLAND FILE***WSHED**

Attribute descriptions

Layer = J

Category = 0 = No Category

Subcat = 0 = No Sub-category

1 = Environmental Concerned

2 = Not an Environmental Concern

DER\_DRAIN - PA DEP drainage basin code

*END OF WSHED FILE***ZIPCD**

Attribute descriptions

ZIPCODE - ZIPCode  
 DESCR - Description  
 POSTOFFICE - Post Office Name  
 POBOXES - Non-Delivery ZIPCode Flag (8=YES, 0=NO)  
 AL - Allegheny County Flag  
 AR - Armstrong County Flag  
 BE - Beaver County Flag  
 BU - Butler County Flag  
 FA - Fayette County Flag  
 GR - Greene County Flag  
 INCO - Indiana County Flag  
 WA - Washington County Flag  
 WE - Westmoreland County Flag

*END OF ZIPCD FILE***ZONING**

- Allegheny County only Attribute descriptions

TWNSH - Census Municipal Code  
 LOCAL - Municipality Name  
 FIPS - FIPS Code  
 ZONE - Municipality's Zoning Code  
 DESC1 - Municipality's Zoning Description (Line 1)  
 DESC2 - Municipality's Zoning Description (Line 2)  
 ACRES - Acreage of Zoned Area  
 SQMI - Square Mileage of Zoned Area  
 CO\_ZONE - Allegheny County's Assigned Zoning Code  
 FIPS\_ZONE - FIPS Code + Municipality's Zoning Code  
 SPLIT - SPC Flag

**ZONING** - Allegheny County only Attribute descriptions ( continued )

NEW\_ZNCD - SPC Generalized Zoning Code:

- AG - Agriculture
- C-1 - Regional, Office, and Business Commercial
- C-2 - Neighborhood and Rural Commercial
- C-R - Mixed Use, Commercial and Residential
- CBD - Central Business District
- I - Industrial
- OSR - Open Space / Reserve
- PI - Public / Institutional
- R-1 - Low Density / Estate / Rural Residential
- R-2 - Medium Density Residential
- R-3 - Multi-family / High Density Residential
- RD - Riverfront District
- RIV - Rivers

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*END OF ZONING FILE*