

Allegheny County Address Management

Addressing Data Model

Purpose

The purpose of the document is to define the formatting for the addressing database features.

Street Dictionary

This is the list of all valid street names by Municipality in Allegheny County

The centerline and address points tables are built based upon this table. There cannot be a street name assigned to a centerline or point that is not in this table.

Field Name	Alias	Type	Width	Description	Domain
OBJECTID		int		ESRI Unique ID	
STREET_ID		int		Blank field	
DUP_STREET_ID		int		Blank field	
FEATURE_KEY		int		Blank field	
METAPHONE		T	50	Blank field	
ST_PREMODIFIER		T	12	The field is empty and is held for future use	
ST_PREFIX		T	2	Street direction preceding the street name	PREFIX
ST_PRETYPE		T	12	The field is empty and is held for future use	
ST_NAME		T	50	The legal street name assigned by the municipality	
ST_TYPE		T	8	The type of street following the street name. This is defined by and limited to the list in USPS Publication 28	TYPE
ST_SUFFIX		T	2	Street direction following the street name	SUFFIX
ST_POSTMODIFIER		T	12	A word that follows the street name and is not a street type and direction. It will also follow these 2 entries. This is an empty field in our database but can include extension, Overpass, and Connector	
MUNICIPALITY		T	50	Name of municipality where address is located.	MUNICIPALITY
COUNTY		T	50	Name of county where address is located.	COUNTY
STATE		T	2	Name of state where address is located.	
STATUS		T	20	Status of use of the address	STREETSTATUS

Address Management – Addressing Data Model

Field Name	Alias	Type	Width	Description	Domain
ALIAS_ONLY		T	1	Blank field	
COMMENT		T	2000	User comments as to the creation or change of characteristics of the street	
EDIT_DATE		DATE	7	Edit Date	
EDIT_USER		T	50	Edit User – Active Directory user	
ENFORCE_VALIDATION		T	1	Blank field	
GlobalID		Unique id		ESRI Unique ID	

Following is a list of standards re: street names.

1. Numbered streets will be in number format, not spelled out.
2. Street Directions – N, S, E, W, NE, NW, SE, SW
 - Streets that have both a N/S or E/W in them are considered to have directions.
 - Streets with a direction do not have the direction spelled out.
 - Streets that have the words North, South, East, or West as part of their street name and not necessarily a direction must be spelled out.
 Ex: West Liberty Ave – there is no coinciding East part of Liberty Ave, therefore West Liberty is the street name and W is not the direction of the street.
3. Common Spacing and Spelling Restrictions –
 - Saint will be spelled out
 - Fort will be spelled out
 - Mount will be spelled out
 - O'Donnell or O Donnell will be ODonnell – no apostrophy – no space
 - Mc Kane will be McKane – no space
 - De Mare will be DeMare – no space
 - La Clair will be LaClair – no space
 - Mac Donald will be MacDonald – no space
 - Le Clair will be LeClair – no space
 - Heights will be spelled out if in the street name
 - State Route (followed by appropriate number) should always be spelled out. Do not use Rte or SR or Route.
 - US Route (followed by the appropriate number) should always be spelled as such. Do not use US Hwy or United States Hwy/Rt
 - Interstates should be Just I(route number) – ie I376. Interstate should not be spelled out and there are no dashes.
 - Street Names should not be abbreviated – ex Penna or PA for Pennsylvania
4. Street types are defined by a table in the database to match accepted extensions of both NENA & USPS

Address Points

These are individual address points for all addresses in Allegheny County. Name fields are populated from the Street Dictionary.

Field Name	Alias	Type	Width	Description	Domain Name
OBJECTID		Long		ESRI Unique ID	
SHAPE					
FEATURE_KEY		Long		Blank field	
ADDRESS_ID		Long		Unique Id for each address point. This joins to other tables	
PARENT_ID		Long		Unique id for of the point that a feature is linked to for those that are a 'sub-unit' address_type	
STREET_ID		Long		Unique id of Street Dictionary record that the Address point is created from.	
DUP_STREET_ID		Long			
ADDRESS_TYPE		Short		Type of Building/site	ADDRESSTYPE
STATUS		T	20	Status of use of the address	ADDRESSTATUS
ADDR_NUM_PREFIX		T	12	Used when an address point may have a range. This field would include the first number in the range. It must also include the dash. Ie: 100-	
ADDR_NUM		T	12	Primary numeric identifier	
ADDR_NUM_SUFFIX		T	12	Secondary text identifier which can include ½, A, B	
ST_PREMODIFIER		T	12	The field is empty and is held for future use	
ST_PREFIX		T	2	Street direction preceding the street name	PREFIX
ST_PRETYPE		T	12	The field is empty and is held for future use	
ST_NAME		T	50	The legal street name assigned by the municipality	
ST_TYPE		T	8	The type of street following the street name. This is defined by and limited to the list in USPS Publication 28	TYPE
ST_SUFFIX		T	2	Street direction following the street name	SUFFIX
ST_POSTMODIFIER		T	12	A word that follows the street name and is not a street type and direction. It will also follow these 2 entries. This is and empty field in our database but can include extension, Overpass, and Connector	
UNIT_TYPE		T	12	Type of unit associated with the address.	UNITTYPE

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Field Name	Alias	Type	Width	Description	Domain Name
UNIT		T	12	Unit number associated with the address.	
FLOOR		T	12	Floor number	
MUNICIPALITY		T	50	Name of municipality where address is located.	MUNICIPALITY
COUNTY		T	50	Name of county where address is located.	COUNTY
STATE		T	2	Name of state where address is located.	
ZIP_CODE		T	10	US Postal Service zipcode where address is located.	ZIPCODE
ZIP_CODE4		T	4		
COMMENT		T	2000		
EDIT_DATE		Date			
EDIT_USER		T	50		
SOURCE		T	30	Source of the update	SOURCE
EXP_FLAG	ERROR_CODE	T	5	Error Code that defines problems with the address meeting NENA standards.	EXP_FLAG
FULL_ADDRESS		T	128	All address fields combined into one full address.	
ENFORCE_VALIDATION		T	1	Blank field	
SOURCE_ID		Long			
GlobalID		Unique ID	38	ESRI Unique ID	

Centerlines

These are individual line segments with all address ranges in Allegheny County. Name fields are populated from the Street Dictionary.

Field Name	Alias	Type	Width	Description	Domain Name
OBJECTID		Long		ESRI Unique ID	
FEATURE_KEY		Long		Unique identifier for table	
L_STREET_ID		Long		Blank field	
R_STREET_ID		Long		Blank field	
L_DUP_STREET_ID		Long		Blank field	
R_DUP_STREET_ID		Long		Blank field	
CAD_LLO		Long		Theoretical low address range on left side of street from low to high number. Theoretical address ranges contain addresses that may be	

Address Management – Addressing Data Model

Field Name	Alias	Type	Width	Description	Domain Name
				assigned at some point, but don't yet exist on that street segment. This is also used for geocoding/location purposes. (1)	
CAD_LHI		Long		Theoretical high address range on left side of street from low to high number. Theoretical address ranges contain addresses that may be assigned at some point, but don't yet exist on that street segment. This is also used for geocoding/location purposes. (1)	
CAD_RLO		Long		Theoretical low address range on right side of street from low to high number. Theoretical address ranges contain addresses that may be assigned at some point, but don't yet exist on that street segment. This is also used for geocoding/location purposes. (1)	
CAD_RHI		Long		Theoretical high address range on right side of street from low to high number. Theoretical address ranges contain addresses that may be assigned at some point, but don't yet exist on that street segment. This is also used for geocoding/location purposes. (1)	
LLO		Long		Actual low address range on left side of street from low to high number. Actual address ranges contain only the range of addresses that physically exist on that street segment. (1)	
LHI		Long		Actual high address range on left side of street from low to high number. Actual address ranges contain only the range of addresses that physically exist on that street segment. (1)	
RLO		Long		Actual low address range on right side of street from low to high number. Actual address ranges contain only the range of addresses that physically exist on that street segment. (1)	
RHI		Long		Actual high address range on right side of street from low to high number. Actual address	

Address Management – Addressing Data Model

Field Name	Alias	Type	Width	Description	Domain Name
				ranges contain only the range of addresses that physically exist on that street segment. (1)	
ST_PREMODIFIER		T	12	The field is empty and is held for future use	
ST_PREFIX		T	2	Street direction preceding the street name	PREFIX
ST_PRETYPE		T	12	The field is empty and is held for future use	
ST_NAME		T	50	The legal street name assigned by the municipality	
ST_TYPE		T	8	The type of street following the street name. This is defined by and limited to the list in USPS Publication 28	TYPE
ST_SUFFIX		T	2	Street direction following the street name	SUFFIX
ST_POSTMODIFIER		T	12	A word that follows the street name and is not a street type and direction. It will also follow these 2 entries. This is an empty field in our database but can include extension, Overpass, and Connector	
LMUNI		T	50	Name of municipality on left side of street where centerline is located.	MUNICIPALITY
RMUNI		T	50	Name of municipality on right side of street where centerline is located.	MUNICIPALITY
LCOUNTY		T	50	Name of county on left side of street where centerline is located.	COUNTY
RCOUNTY		T	50	Name of county on right side of street where centerline is located.	COUNTY
LSTATE		T	2	Name of state on left side of street where centerline is located.	
RSTATE		T	2	Name of state on right side of street where centerline is located.	
L_ZIP		T	10	Zip code on left side of street where centerline is located.	ZIPCODE
R_ZIP		T	10	Zip code on right side of street where centerline is located.	ZIPCODE
EDIT_DATE		DATE			
EDIT_USER		T	50		
F_NODE		DOUBLE		From node – not used	
T_NODE		DOUBLE		To node – not used	
FCC	CLASS	T	5	This series of codes provides more detailed information on the classification of the line segment. This allows for	CLASS

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Field Name	Alias	Type	Width	Description	Domain Name
				removal of unnecessary records to be removed for street lists or for coding of maps.	
SPEED		SHORT		Speed allowed on street. In this database, this was pulled from another source. It is currently NOT maintained.	
F_ZLEV		LONG		From z elevation – not used	
T_ZLEV		LONG		To z elevation – not used	
ONEWAY		T	5	Defines if segment is one way and then in which direction the segment, which is also the direction of the addresses from low to high.	ONEWAY
LAR		T	1	Limited Access Roadway – these are interstates and us highways that require a ramp to access	
LARDIR		T	2	Defines if LAR is one way and then in which direction of the segment, which is also the direction of the addresses from low to high.	ONEWAY
A1	CL_ERROR1	T	75	This code documents errors and problems with the centerlines as well as reasons for centerlines being drawn the way they are based on errors and problems.	CL_ERROR
A2	CL_ERROR2	T	75	This code documents errors and problems with the centerlines as well as reasons for centerlines being drawn the way they are based on errors and problems.	CL_ERROR
DYNAMAPID		T	25		
FULL_NAME		T	128	All address fields combined into one full address.	
CAD_A1	PARITY_LEFT	T	75	Left Parity – specifies if the left side of the street is odd, even, or both	PARITY
CAD_A2	PARITY_RIGHT	T	75	Right Parity– specifies if the right side of the street is odd, even, or both	PARITY
P_OVR_L		T	8	Override CAD Police Zone	
P_OVR_R		T	8	Override CAD Police Zone	
F_OVR_L		T	8	Override CAD Fire Zone	
F_OVR_R		T	8	Override CAD Fire Zone	
E_OVR_L		T	8	Override CAD EMS Zone	
E_OVR_R		T	8	Override CAD EMS Zone	
CAD2		T	8	Exception for PEMA Upload and CAD Upload	
ENFORCE_VALIDATION		T	1		

Address Management – Addressing Data Model

Field Name	Alias	Type	Width	Description	Domain Name
SOURCE_ID	ROUTE_NO	INT		Route number for labeling	
GlobalID		Unique ID			
SHAPE					

Alias Street Name

Field Name	Type	Width	Description	Domain Name
OBJECTID	int			
CENTERLINE_FEATURE_KEY	int		Unique Feature_Key from Centerline table	
STREET_ID	int		Street_ID from Street Dictionary	
GlobalID	Unique ID			
ST_PREFIX	T	2	Street direction preceding the street name	PREFIX
ST_PRETYPE	T	12	The field is empty and is held for future use	
ST_NAME	T	50	The legal street name assigned by the municipality	
ST_TYPE	T	8	The type of street following the street name. This is defined by and limited to the list in USPS Publication 28	TYPE
ST_SUFFIX	T	2	Street direction following the street name	SUFFIX
ST_POSTMODIFIER	T	12	A word that follows the street name and is not a street type and direction. It will also follow these 2 entries. This is an empty field in our database but can include extension, Overpass, and Connector	
FULL_ALIAS_NAME	T	300	Full name of Alias	
MUNICIPALITY	T	50	Name of municipality where address is located.	MUNICIPALITY

An example of a street alias follows.

State Route 51– Coraopolis is also known as Route 51. Multiple sources may use either format, so the alias is setup for every record in the Street Dictionary with that name.

Landmarks

Field Name	Type	Width	Description	Description
OBJECTID	Int			
ADDRESS_ID	Int		Unique identifier from address point file that will join	
LANDMARK	Text	100	Name of building, site, and business associated with the specific address that the address_id links to. These are also commonly referred to as points of interest or common places.	
GlobalID	Unique ID			
CLASS	Text		Class of landmark	LANDMARK CLASS
TYPE	Text	50	Type within the class	LANDMARK TYPE
PUB	Text	50	If data will be published to public and if there is a duplication upon 1 point	PUBLISH

The landmarks table joins to the address point table using the Address_ID field. This will join landmark names to individual address points.

This is a one to many join where there may be more than 1 landmark per address point.

Domains

ADDRESSTYPE

Code	Description	Definition
0	Situs	Undetermined or unverified type - default from original dataset with no type
2	Unit	A unit in a strip mall or townhouses/apartments under 1 parcel with separate doors
1	Building	An individual structure
3	Sub-Unit	A unit in an apartment building where there is only 1 entry door to the building and apartments are all accessed internally.
4	Multi	An address point that serves as the address for multiple doors. This occurs when there is a commercial door and an apartment door that share the same address and there are not going to be 2 points.
5	Site	Parks, parking lots, mile markers, green areas, apartment complex, shopping center, retention ponds
6	Utility	Gas, electric, water buildings – sites, cell towers
7	Bldg Shell	A point that is the primary address of building, but includes units. This can be a point that has multiple sub-unit addresses or multiple unit addresses. These are codes as such to differentiate them for geocoding purposes

ADDRESSTATUS

Code	Description	Details
ACTIVE	Active	All valid addresses within the addressing database are active. This is the default.
RETIRE	Retired	Currently not used.cc
PRELIMINARY	Preliminary	An address assigned at the preliminary phases of a subdivision plan. Typically a corner lot where 2 addresses are initially assigned and one will be determined once construction starts.
DISPUTED	Disputed	An address obtained without municipality approval or in conflict with other data sources
DEMOLISH	Demolished	An active address that has a demolition permit. The address will be deleted once the demolition is complete
911ONLY	911 Only	An address this is only assigned for 911 purposes and is not used for anything other than 911 response
TEMPORARY	Temporary	An address used for temporary purposes. This can include construction trailers or tents for gatherings
UNUSED	Used Comm Unit	An address for a commercial unit that is no longer is use, but may be used in the future again

COUNTY

Code	Description
BEAVER	BEAVER COUNTY
BUTLER	BUTLER COUNTY
WASHINGTON	WASHINGTON COUNTY
WESTMORELAND	WESTMORELAND COUNTY
ALLEGHENY	ALLEGHENY COUNTY

MUNICIPALITY

Code	Description
ALEPPO	ALEPPO TOWNSHIP
ASPINWALL	ASPINWALL BOROUGH
AVALON	AVALON BOROUGH
BALDWIN BORO	BALDWIN BOROUGH
BALDWIN TOWNSHIP	BALDWIN TOWNSHIP
BEAVER COUNTY	BEAVER COUNTY
BELL ACRES	BELL ACRES BOROUGH
BELLEVUE	BELLEVUE BOROUGH
BEN AVON	BEN AVON BOROUGH
BEN AVON HEIGHTS	BEN AVON HEIGHTS BOROUGH
BETHEL PARK	BETHEL PARK MUNICIPALITY
BLAWNOX	BLAWNOX BOROUGH
BRACKENRIDGE	BRACKENRIDGE BOROUGH
BRADDOCK	BRADDOCK BOROUGH
BRADDOCK HILLS	BRADDOCK HILLS BOROUGH
BRADFORD WOODS	BRADFORD WOODS BOROUGH
BRENTWOOD	BRENTWOOD BOROUGH
BRIDGEVILLE	BRIDGEVILLE BOROUGH
BUTLER COUNTY	BUTLER COUNTY
CARNEGIE	CARNEGIE BOROUGH
CASTLE SHANNON	CASTLE SHANNON BOROUGH
CHALFANT	CHALFANT BOROUGH
CHESWICK	CHESWICK BOROUGH
CHURCHILL	CHURCHILL BOROUGH
CLAIRTON	CLAIRTON
COLLIER	COLLIER TOWNSHIP
CORAOPOLIS	CORAOPOLIS BOROUGH
CRAFTON	CRAFTON BOROUGH

Code	Description
CRESCENT	CRESCENT TOWNSHIP
DORMONT	DORMONT BOROUGH
DRAVOSBURG	DRAVOSBURG BOROUGH
DUQUESNE	DUQUESNE
EAST DEER	EAST DEER TOWNSHIP
EAST MCKEESPORT	EAST MCKEESPORT BOROUGH
EAST PITTSBURGH	EAST PITTSBURGH BOROUGH
EDGEWOOD	EDGEWOOD BOROUGH
EDGEWORTH	EDGEWORTH BOROUGH
ELIZABETH BORO	ELIZABETH BOROUGH
ELIZABETH TOWNSHIP	ELIZABETH TOWNSHIP
EMSWORTH	EMSWORTH BOROUGH
ETNA	ETNA BOROUGH
FAWN	FAWN TOWNSHIP
FINDLAY	FINDLAY TOWNSHIP
FOREST HILLS	FOREST HILLS BOROUGH
FORWARD	FORWARD TOWNSHIP
FOX CHAPEL	FOX CHAPEL BOROUGH
FRANKLIN PARK	FRANKLIN PARK BOROUGH
FRAZER	FRAZER TOWNSHIP
GLASSPORT	GLASSPORT BOROUGH
GLENFIELD	GLENFIELD BOROUGH
GREEN TREE	GREEN TREE BOROUGH
HAMPTON	HAMPTON TOWNSHIP
HARMAR	HARMAR TOWNSHIP
HARRISON	HARRISON TOWNSHIP
HAYSVILLE	HAYSVILLE BOROUGH
HEIDELBERG	HEIDELBERG BOROUGH
HOMESTEAD	HOMESTEAD BOROUGH
INDIANA	INDIANA TOWNSHIP

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Code	Description
INGRAM	INGRAM BOROUGH
JEFFERSON HILLS	JEFFERSON HILLS BOROUGH
KENNEDY	KENNEDY TOWNSHIP
KILBUCK	KILBUCK TOWNSHIP
LEET	LEET TOWNSHIP
LEETSDALE	LEETSDALE BOROUGH
LIBERTY	LIBERTY BOROUGH
LINCOLN	LINCOLN BOROUGH
MARSHALL	MARSHALL TOWNSHIP
MCCANDLESS	MCCANDLESS TOWNSHIP
MCDONALD	MCDONALD BOROUGH
MCKEES ROCKS	MCKEES ROCKS BOROUGH
MCKEESPORT	MCKEESPORT
MILLVALE	MILLVALE BOROUGH
MONROEVILLE	MONROEVILLE MUNICIPALITY
MOON	MOON TOWNSHIP
MT LEBANON	MOUNT LEBANON
MT OLIVER	MOUNT OLIVER BOROUGH
MUNHALL	MUNHALL BOROUGH
NEVILLE	NEVILLE TOWNSHIP
NORTH BRADDOCK	NORTH BRADDOCK BOROUGH
NORTH FAYETTE	NORTH FAYETTE TOWNSHIP
NORTH VERSAILLES	NORTH VERSAILLES TOWNSHIP
OAKDALE	OAKDALE BOROUGH
OAKMONT	OAKMONT BOROUGH
OHARA	OHARA TOWNSHIP
OHIO	OHIO TOWNSHIP
OSBORNE	OSBORNE BOROUGH
PENN HILLS	PENN HILLS MUNICIPALITY
PENNSBURY VILLAGE	PENNSBURY VILLAGE BOROUGH
PINE	PINE TOWNSHIP
PITCAIRN	PITCAIRN BOROUGH
PITTSBURGH	PITTSBURGH
PLEASANT HILLS	PLEASANT HILLS BOROUGH
PLUM	PLUM BOROUGH
PORT VUE	PORT VUE BOROUGH
RANKIN	RANKIN BOROUGH
RESERVE	RESERVE TOWNSHIP
RICHLAND	RICHLAND TOWNSHIP
ROBINSON	ROBINSON TOWNSHIP

Code	Description
ROSS	ROSS TOWNSHIP
ROSSLYN FARMS	ROSSLYN FARMS BOROUGH
SCOTT	SCOTT TOWNSHIP
SEWICKLEY	SEWICKLEY BOROUGH
SEWICKLEY HEIGHTS	SEWICKLEY HEIGHTS BOROUGH
SEWICKLEY HILLS	SEWICKLEY HILLS BOROUGH
SHALER	SHALER TOWNSHIP
SHARPSBURG	SHARPSBURG BOROUGH
SOUTH FAYETTE	SOUTH FAYETTE TOWNSHIP
SOUTH PARK	SOUTH PARK TOWNSHIP
SOUTH VERSAILLES	SOUTH VERSAILLES BOROUGH
SPRINGDALE BORO	SPRINGDALE BOROUGH
SPRINGDALE TOWNSHIP	SPRINGDALE TOWNSHIP
STOWE	STOWE TOWNSHIP
SWISSVALE	SWISSVALE BOROUGH
TARENTUM	TARENTUM BOROUGH
THORNBURG	THORNBURG BOROUGH
TRAFFORD	TRAFFORD BOROUGH
TURTLE CREEK	TURTLE CREEK BOROUGH
UPPER ST CLAIR	UPPER ST CLAIR TOWNSHIP
VERONA	VERONA BOROUGH
VERSAILLES	VERSAILLES BOROUGH
WALL	WALL BOROUGH
WASHINGTON COUNTY	WASHINGTON COUNTY
WEST DEER	WEST DEER TOWNSHIP
WEST ELIZABETH	WEST ELIZABETH BOROUGH
WEST HOMESTEAD	WEST HOMESTEAD BOROUGH
WEST MIFFLIN	WEST MIFFLIN BOROUGH
WEST VIEW	WEST VIEW BOROUGH
WESTMORELAND COUNTY	WESTMORELAND COUNTY
WHITAKER	WHITAKER BOROUGH
WHITE OAK	WHITE OAK BOROUGH
WHITEHALL	WHITEHALL BOROUGH
WILKINS	WILKINS TOWNSHIP
WILKINSBURG	WILKINSBURG BOROUGH
WILMERDING	WILMERDING BOROUGH

SOURCE

The source is listed to help clarify where address data was obtained from.

If the source is EAMS, there will typically be comments as to where exactly the data was reviewed, or if nothing, it was simply moving or shifting a point and then checking the address and documenting building/unit/situs.

Code	Description	Details
CITY	CITY	City of Pittsburgh
DCSGIS	DCSGIS	Part of Conversion source
GDR	GDR	Part of Conversion source
ACES-911	ACES-911	Allegheny County 911
ACHD	ACHD	Allegheny County Health Department
DBMS	DBMS	Allegheny County 911 Database Management System
DHS	DHS	Allegheny County Department of Human Services
DRE	DRE	Allegheny County Department of Real Estate
EAMS	EAMS	Allegheny County Address Management
ELECTIONS	ELECTIONS	Allegheny County Elections
MUNICIPALITY	MUNICIPALITY	Municipality
OPA	OPA	Property Assessments
SSA	SSA	Part of Conversion source
STATE	STATE	State of PA
USPS	USPS	US Post Office

STREETTYPE

The streettype designations for those in the USPS Publication 28.

Code	Description
ALY	ALLEY
AVE	AVENUE
BLVD	BOULEVARD
BRG	BRIDGE
BYP	BYPASS
CIR	CIRCLE
CMNS	COMMONS
CRES	CRESCENT
CT	COURT
CTR	CENTER
DR	DRIVE
ESTS	ESTATES
EXPY	EXPRESSWAY
EXT	EXTENSION

Code	Description
GRN	GREEN
HBR	HARBOR
HL	HILLS
HTS	HEIGHTS
HWY	HIGHWAY
IS	ISLAND
KNL	KNOLL
KNLS	KNOLLS
LN	LANE
LNDG	LANDING
LOOP	LOOP
MALL	MALL
MEWS	MEWS
MNR	MANOR
OVAL	OVAL

Code	Description
PARK	PARK
PATH	PATH
PIKE	PIKE
PKWY	PARKWAY
PL	PLACE
PLZ	PLAZA
PT	POINT
RAMP	RAMP
RD	ROAD
RDG	RIDGE
RIV	RIVER
ROW	ROW
RUN	RUN
SPUR	SPUR
SQ	SQUARE

Address Management – Addressing Data Model

Code	Description
ST	STREET
TER	TERRACE
TPKE	TURNPIKE
TRCE	TRACE

Code	Description
TRL	TRAIL
VLG	VILLAGE
VW	VIEW
WALK	WALK

Code	Description
WAY	WAY
XING	CROSSING

PREFIX

Code	Description
E	East
N	North
S	South
W	West
NE	Northeast
NW	Northwest
SE	Southeast
SW	Southwest

SUFFIX

Code	Description
E	East
N	North
NE	Northeast
NW	Northwest
S	South
SE	Southeast
SW	Southwest
W	West
EXT	Extension

POSTMODIFIER

Code	Description
EB	Eastbound
NB	Northbound
SB	Southbound
WB	Westbound
EXT	Extension
OVER	Overpass
Conn	Connector

UNITTYPE

Description	Abbreviation
Apartment	APT
Basement	BSMT**
Building	BLDG
Department	DEPT
Floor	FL
Front	FRNT**
Hanger	HNGR
Key	KEY
Lobby	LBBY**
Lot	LOT
Lower	LOWR**
Office	OFC**
Penthouse	PH**
Pier	PIER
Rear	REAR**
Room	RM
Side	SIDE**
Slip	SLIP
Space	SPC
Stop	STOP
Suite	STE
Trailer	TRLR
Unit	UNIT
Upper	UPPR**

** Does not require a number.

ZIPCODE

Zip	Name
15003	AMBRIDGE
15005	BADEN
15006	BAIRDFORD
15007	BAKERSTOWN
15014	BRACKENRIDGE
15015	BRADFORDWOODS

Zip	Name
15017	BRIDGEVILLE
15018	BUENA VISTA
15020	BUNOLA
15024	CHESWICK
15025	CLAIRTON
15026	CLINTON

Zip	Name
15028	COULTERS
15030	CREIGHTON
15031	CUDDY
15034	DRAVOSBURG
15035	EAST MCKEESPORT
15037	ELIZABETH

Address Management – Addressing Data Model

Zip	Name
15044	GIBSONIA
15045	GLASSPORT
15046	CRESCENT
15047	GREENOCK
15049	HARWICK
15051	INDIANOLA
15056	LEETSDALE
15057	MC DONALD
15063	MONONGAHELA
15064	MORGAN
15065	NATRONA HEIGHTS
15068	NEW KENSINGTON
15071	OAKDALE
15075	RURAL RIDGE
15076	RUSSELLTON
15082	STURGEON
15083	SUTERSVILLE
15084	TARENTUM
15085	TRAFFORD
15086	WARRENDALE
15088	WEST ELIZABETH
15089	WEST NEWTON
15090	WEXFORD
15101	ALLISON PARK
15102	BETHEL PARK
15104	BRADDOCK
15106	CARNEGIE
15108	CORAOPOLIS
15110	DUQUESNE
15112	EAST PITTSBURGH
15116	GLENSHAW
15120	HOMESTEAD
15122	WEST MIFFLIN
15126	IMPERIAL
15129	SOUTH PARK
15131	MCKEESPORT
15132	MCKEESPORT
15133	MCKEESPORT
15135	MCKEESPORT
15136	MCKEES ROCKS
15137	NORTH VERSAILLES

Zip	Name
15139	OAKMONT
15140	PITCAIRN
15142	PRESTO
15143	SEWICKLEY
15144	SPRINGDALE
15145	TURTLE CREEK
15146	MONROEVILLE
15147	VERONA
15148	WILMERDING
15201	PITTSBURGH
15202	PITTSBURGH
15203	PITTSBURGH
15204	PITTSBURGH
15205	PITTSBURGH
15206	PITTSBURGH
15207	PITTSBURGH
15208	PITTSBURGH
15209	PITTSBURGH
15210	PITTSBURGH
15211	PITTSBURGH
15212	PITTSBURGH
15213	PITTSBURGH
15214	PITTSBURGH
15215	PITTSBURGH
15216	PITTSBURGH
15217	PITTSBURGH
15218	PITTSBURGH
15219	PITTSBURGH
15220	PITTSBURGH
15221	PITTSBURGH
15222	PITTSBURGH
15223	PITTSBURGH
15224	PITTSBURGH
15225	PITTSBURGH
15226	PITTSBURGH
15228	PITTSBURGH
15229	PITTSBURGH
15232	PITTSBURGH
15233	PITTSBURGH
15234	PITTSBURGH
15235	PITTSBURGH

Zip	Name
15236	PITTSBURGH
15237	PITTSBURGH
15238	PITTSBURGH
15239	PITTSBURGH
15241	PITTSBURGH
15243	PITTSBURGH
15260	PITTSBURGH
15261	PITTSBURGH
15275	PITTSBURGH
15276	PITTSBURGH
15282	PITTSBURGH
15290	PITTSBURGH
15321	CECIL
15332	FINLEYVILLE
15642	IRWIN
15668	MURRYSVILLE
16046	MARS
16055	SARVER
16056	SAXONBURG
16059	VALENCIA

ONEWAY

Code	Description
TF	Traffic flow is allowed only in the to-from direction of segment, which is also the direction of the addresses from low to high.
FT	Traffic flow is allowed only in the from-to direction of segment, which is also the direction of the addresses from high to low.
B	Traffic flow is in both directions

PARITY

Code	Description	Details
O	Odd	Odd numbers on this side of the street
E	Even	Even numbers on this side of the street
B	Both	Even and Odd numbers on this side of the street
Z	Zero	Zero numbers on this side of the street

ERRORCODE - EXP_FLAG

This code documents when there is a problem with an address that doesn't fit into or meeting NENA standards or may cause an issue for 911 or other addressing systems.

Code	Description	Details
ACM	Address Crosses Municipalities	The address (probably one site) exists in 2 different municipalities, so must be documented for 911 purposes.
AIS	Address on Incorrect Street	Address should be on a different street. Ex: the address is a street at the rear of the house, but the access to the house is on the street in the front.
ALI	Name Problem	Old code from vendor that converted data. This is being investigated to correct to a valid code
AOO	Address Out of Order	The address is running out of order with the houses around it. The address should be corrected, but most likely cannot without requiring multiple address corrections. This will cause an issue for GPS and 911 location.
AOR	Address Out of Range	The address is in a completely different range than the other houses on the street. This should be a priority for the municipality to correct. This will cause an issue for GPS and 911 location.
DUP	Duplicate Address	There is more than one house/property using the same address. This will cause a problem for 911 and should be a priority for the municipality to correct.
MUL	Multiple Buildings per Address	There is more than 1 building using the same address, but this is typically on a commercial property where there is only 1 parcel and the municipality only assigned one address. This typically will not be corrected by the municipality, but is necessary to know for 911.
PAR	Address on Incorrect Side	Addresses run even on one side, odd on the other. In this case an even number is on the odd side of the street or visa versa. This will cause an issue for GPS and 911 location.
PDR	Address on Private Drive	House is on a private road/drive, but the address uses the main road address and the only way to the property is via the

Address Management – Addressing GIS Data Model

Code	Description	Details
		private road. This address should probably have a new address on the private drive.
RNG	Range Problem	Old code from vendor that converted data. This is being investigated to correct to a valid code
MPA	Mixed Parity on Whole Street	The whole street was designed with addresses incorrectly in numerical order down one side of the street without using odd and even on different sides.
NU	Address Needs Unit Number	This is mostly for strip malls where the municipality only assigned one address. We must create individual points for each door for 911. We then document this error to know they should have Suites or Units

CLASS - FCC

This code provides more detailed information on the classification of the line segment. This list represents all classes. These fall in line, but are not exactly matching with Census Bureau CFCC codes.

Code	Description	Details
A11	Interstate	Typically divided highways and limited access roads that are part of the interstate highway system
A21	US Route	US Route as defined by Penn Dot
A31	Secondary State Road	State Route as defined by Penn Dot as secondary. These typically do not have a primary route number or route signs on the roadway. These are often only 2 lane roads
A32	Primary State Road	State Route as defined by Penn Dot as primary.. These have primary route numbers and route signage
A33	State Road – County Bridge	State Route as defined by Penn Dot, segment is a County maintained bridge, based on Allegheny County Public Works
A41	Local Road	All roads maintained by the local municipality
A42	County Road	County road, based on Allegheny County Public Works
A43	Local Road -County Bridge	Local road, segment is a County maintained bridge, based on Allegheny County Public Works
A51	Vehicular Trail	
A61	Cul-de-sac	Part of Local Road
A62	Traffic Circle	
A63	State Access Ramp	Ramp to Limited Access Roads
A63A	County Access Ramp	Ramp to a County Road
A63B	Local Access Ramp	Ramp to a Local Road
A64	Service Road	
A71	Walkway	
A72	Stairway	

Address Management – Addressing GIS Data Model

Code	Description	Details
A73	Alley	Local Road that typically has no addresses on it and defined as alley by local municipality maps
A74	Private Road	Road not maintained by local municipality, but used for addressing purposes and named
A99	Trail - Path	
H10	River	

CLERROR – A1 & A2

This code documents errors and problems with the centerlines as well as reasons for centerlines being drawn the way they are based on errors and problems.

Code	Description	Details
SNC	Street Name Conflict	There are inconsistencies in the spelling of the street name and the County has not received a verification from the local jurisdiction
SARP	Segments split for address range problems	Segment has been split because there are address ranges on the street that are not consistent and therefore the street has been split to allow for better location on geocoding
SMB	Segments split for municipal break	Segment has been split because of a municipal boundary or different addresses used by different municipalities splitting down the centerline
SZC	Segments split for zip code	Segment has been split because of a zip code break not at an intersection
SB	Segments split for bridge	Segment has been split for a bridge. This allows for the name of the bridge to be added as an Alias
SSNC	Segments split for street name change	Segment has been split because the street name has changed, but not at an intersection.
SS	Segments split for stairs	Segment has been split to show a break from a street to stairway
MPWS	Addresses assigned incorrectly - mixed parity on whole street	The entire street segment has mixed parity. The whole segment should be re-addressed.
MAWS	Addresses assigned incorrectly - mixed addresses on whole street	The entire street segment has mixed addresses, either mixed parity or completely different addresses. The whole segment should be re-addressed.
SCLS	Segments split for class change	Segment has been split to change road class- ie local road to private road

LANDMARK CLASS

This code defines the primary breakout of the landmark definitions.

Code	Class
0	Commercial
1	Education
2	Emergency
3	Government
4	Industrial
5	Communication
6	Public Attraction
7	Medical
8	Transportation
9	Residential
10	Utility

LANDMARK TYPE

This code is a breakdown of the classes into further detail. An example is included for further clarification when necessary.

Class	Type	Example
Commercial	Apparel Store	clothing, shoe stores - any kind
Commercial	Auto Parts Store	
Commercial	Auto Repair	
Commercial	Auto Sales	
Commercial	Bank-Financial	
Commercial	Bar	includes nightclubs, distillery, winery, brewery
Commercial	Big Box Store	walmart, kmart, cosco, sams, target, tractor supply
Commercial	Bowling Alley	
Commercial	Cafe	café, coffee shop, bakery
Commercial	Car Wash	
Commercial	Construction	
Commercial	Convenience Store	7 eleven, get go
Commercial	Department Store	macy's jc penney, kohls
Commercial	Discount Store	dollar tree, dollar general, big lots
Commercial	Electronics Store	best buy, staples, game stop, The Exchange
Commercial	Entertainment Venue	Bowling alley, theater, indoor activity
Commercial	Florist	
Commercial	Funeral Home	
Commercial	Furniture Store	
Commercial	Gas Station	
Commercial	Grocery Store	small markets, ethnic markets
Commercial	Gym-Fitness	
Commercial	Home Goods Store	michaels, hobby lobby, joanne fabric, at home
Commercial	Home Improvement Store	include small and big, paint stores - carpet stores, kitchen and bath
Commercial	Home Maintenance	electrician- plumber-hvac - painter - contractor - landscaper - greenhouse, maid services
Commercial	Hotel-Motel	
Commercial	Jeweler	
Commercial	Laundry-Dry Cleaner	
Commercial	Liquor Store-Beer Distributor	
Commercial	Medical Supplies	
Commercial	Medical Support	
Commercial	Other Commercial	
Commercial	Pet Care	vet, pet store, kennel, pet grooming
Commercial	Pharmacy	walgreens, rite aid, cvs
Commercial	Professional Agency	engineer, accountant, Real Estate Agency, Insurance Agency, Lawyer

Address Management – Addressing GIS Data Model

Class	Type	Example
Commercial	Restaurant	
Commercial	Retail	
Commercial	Salon-Spa	barber
Commercial	Storage	
Communication	Cell Tower	
Communication	Communication Tower	
Communication	Radio-TV Broadcast Facility	
Education	Child Care	
Education	College-University	
Education	Early Childhood School	
Education	Educational Facility	School garages, admin bldgs
Education	Elementary School	
Education	High School	
Education	High School Athletic Facility	
Education	Intermediate School	
Education	Middle School	
Education	Private School	
Education	University Athletic Facility	
Education	University Parking	
Education	University Residential Facility	
Emergency	Emergency Response Facility	911 Center
Emergency	EMS	
Emergency	Fire Department	
Emergency	Other Emergency	
Emergency	Police Department	
Government	County Government Facility	
Government	Federal Government Facility	
Government	Infrastructure	Bridge -Dam - Tunnel
Government	Municipal Government Facility	
Government	Post Office	
Government	State Government Facility	
Industrial	Industrial Facility	
Industrial	Maintenance Yard	
Industrial	Manufacturing	
Industrial	Other Industrial	
Industrial	Warehouse	
Medical	Dentist Office	
Medical	Doctors Office	
Medical	Eye Care	
Medical	Hospital	
Medical	Medical Care	private facilities, nursing that provide care
Medical	Medical Testing	labor, quest, radiology labs

Address Management – Addressing GIS Data Model

Class	Type	Example
Medical	Nursing Home	assisted living
Medical	Other Medical	
Medical	Physical Therapy	physical rehab
Medical	Rehabilitation Facility	long term rehabilitation facility- for disabled
Medical	Treatment Facility	alcohol rehab
Medical	Urgent Care Clinic	
Public Attraction	Athletic Field	
Public Attraction	Baseball Field	
Public Attraction	Cemetery	
Public Attraction	Community Center	
Public Attraction	Community Garden	
Public Attraction	Conservation Area	
Public Attraction	Cultural Attraction	Museum, Symphony, art gallery
Public Attraction	Football Field	
Public Attraction	Golf Course	includes country club
Public Attraction	Green Space	
Public Attraction	Historic Site	
Public Attraction	Lake	
Public Attraction	Library	
Public Attraction	Mall-Shopping Center	Robinson Town Centre, Robinson Mall, Pine Tree Shoppes
Public Attraction	Monument-Statue	
Public Attraction	Non Profit	food bank, homeless shelters, soup kitchen
Public Attraction	Office Park-Building	vista industrial park, county office bulding - or corporate offices - Oxford Center
Public Attraction	Other Public Attraction	
Public Attraction	Outdoor Entertainment Venue	
Public Attraction	Park	
Public Attraction	Park Facility	restrooms, shelters, stages
Public Attraction	Place of Worship	
Public Attraction	Playground	
Public Attraction	Pool	
Public Attraction	Soccer Field	
Public Attraction	Social Club	elks, vfw
Public Attraction	Sports Arena-Stadium	
Public Attraction	Sports Complex	
Public Attraction	Trail	
Residential	Apartment -Condo Complex	
Residential	Farm	
Residential	Mobile Home Park	
Residential	Planned Community	
Residential	Senior-Retirement Housing	
Transportation	Airport	

Address Management – Addressing GIS Data Model

Class	Type	Example
Transportation	Airport Facility	
Transportation	Bus-Light Rail Station-Stop	
Transportation	Highway Facility	
Transportation	Maintenance Building	
Transportation	Marina-Boat Dock	
Transportation	Other Transportation	
Transportation	Park & Ride	
Transportation	Parking Lot-Garage	
Transportation	Railroad Facility	
Transportation	Ramp	
Transportation	Toll Plaza	
Utility	Electric Facility	
Utility	Gas Facility	
Utility	Oil Facility	
Utility	Other Utility	
Utility	Phone Facility	
Utility	Sewer Facility	
Utility	Water Facility	

PUBLISH

Code	Definition
Yes	Publish Publicly
No	For County USE Only
Dup	Duplicated format of name, used for purposes of map printing, as to not label a facility more than one time
BMO	Base Map Only

Definitions –

- EAMS – Enterprise Address Management System
- NENA – National Emergency Number Association
- USPS – United States Postal Service