Purpose

The purpose of the procedure is to define the formatting for street addressing standards in the EAMS system to meet NENA and USPS address standards.

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	Req'd	Type	Width	Description	Domain
OBJECTID	yes	int		ESRI Unique ID	
STREET_ID	no	int		Address One -Unique identifier to join to other tables.	
DUP_STREET_ID	no	int		Not used for our purposes	
FEATURE_KEY	no	int		Unique identifier for table	
METAPHONE	no	T	50	Software assigned sound abbreviation	
ST_PREMODIFIER	no	T	12	The field is empty and is held for future use	
ST_PREFIX	no	T	2	Street direction preceding the street name	PREFIX
ST_PRETYPE	no	T	12	The field is empty and is held for future use	
ST_NAME	no	T	50	The legal street name assigned by the municipality	
ST_TYPE	no	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	no	T	2	Street direction following the street name	SUFFIX
ST_POSTMODIFIER	no	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	
MUNICIPALITY	no	T	50	Name of municipality where address is located.	MUNICIPALITY
COUNTY	no	T	50	Name of county where address is located.	COUNTY
STATE	no	T	2	Name of state where address is located.	

STATUS	no	T	20	Status of use of the address	ADDRESSSTATUS
ALIAS_ONLY	no	T	1	Defines if the street name is only an alias and not to be used as the primary name of a street. If checked, it is an alias only.	
COMMENT	no	T	2000	User comments as to the creation or change of characteristics of the street	
EDIT_DATE	no	DATE	7	Edit Date	
EDIT_USER	no	T	50	Edit User – Active Directory user	
ENFORCE_VALIDATION	no	T	1	Checked if Address One validation rules are to be enforced. Defaults to 'Y'	
GlobalID	yes	Unique id		ESRI Unique ID	

Following are 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	Type	Width	Description	Domain Name
OBJECTID	Long		ESRI Unique ID	
SHAPE				
FEATURE_KEY	Long		Unique identifier for table	
ADDRESS_ID	Long		Unique Id for each address point. This joins to other tables	
PARENT_ID	Long			
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	ADDRESSSTATUS
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
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
EXP_FLAG	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	Checked if Address One validation rules are to be enforced. Defaults to 'Y'	
SOURCE_ID	Long			
GlobalID	T	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.

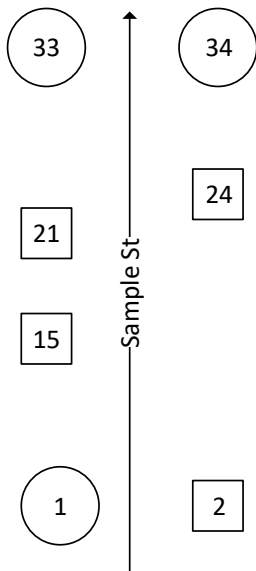| Field Name	Type	Width	Description	Domain Name
OBJECTID	Long		ESRI Unique ID	
FEATURE_KEY	Long		Unique identifier for table	
L_STREET_ID	Long		Unique id of Street Dictionary record that the centerline is created from.	
R_STREET_ID	Long		Unique id of Street Dictionary record that the centerline is created from.	
L_DUP_STREET_ID	Long			
R_DUP_STREET_ID	Long			
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 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 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	T	5	This series of codes provides more detailed information on the classification of the line segment. This allows for removal of unnecessary records to be removed for street lists or for coding of maps.	CLASS
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	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	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	ID from Source data – not used	
FULL_NAME	T	128	All address fields combined into one full address.	
CAD_A1	T	75	CAD name alias	
CAD_A2	T	75	CAD name alias	
P_OVR_L	T	8	CAD Police Zone	
P_OVR_R	T	8	CAD Police Zone	
F_OVR_L	T	8	CAD Fire Zone	
F_OVR_R	T	8	CAD Fire Zone	
E_OVR_L	T	8	CAD EMS Zone	
E_OVR_R	T	8	CAD EMS Zone	
CAD2	T	8		
ENFORCE_VALIDATION	T	1		
SOURCE_ID	INT			

GlobalID	uniqueidentifier			
Shape	geometr			

(1)

In the example shown. The squares are actual addresses. The circles are the last and first possible addresses on the street that don't have existing houses.

The actual addresses are as follows
LLO -15
LHI – 21
RLO - 2
RHI – 24

The theoretical address are as follows
CAD_LLO -1
CAD_LHI – 33
CAD_RLO - 2
CADRHI – 34

Segment Aliases

Field Name	Req'd	Type	Width	Description
RID	yes	int		
FEATURE_KEY	no	int		Unique Feature_Key from Centerline table
STREET_ID	no	int		Street_ID from Street Dictionary
GlobalID	yes	Unique identifier		

Segment_Aliases is a relationship class where alias that joins the street centerline table and the Street Dictionary to get alias street names for segments of the centerline file.

The segment alias table joins to the street centerline table and the Street Dictionary to get alias street names added to segments of the centerline file.

- The segment alias table is joined to the centerline table via the feature_key field.

- Then the Street Dictionary is joined to the centerline table (which now has the segment alias fields) via the street_id field of the segment alias to add the additional street name fields from the Street Dictionary to the centerline.

- The join must include multiple fields from the dictionary table as it does not include a full name.

An example of a segment alias follows.

5th Ave – Coraopolis is also known as State Route 51. The alias of State Route 51 in the dictionary is joined to the 5th Ave centerline segment using this table.

This is considered a segment alias because there are sections of Main St that may not actually be State Route 51

Street Aliases

Field Name	Req'd	Type	Width	Description
OBJECTID	Y	Int		
STREET_ID	N	Int		Street_ID from Street Dictionary
ALIAS_STREET_ID	N	int		Alias_Street_ID from Street Dictionary
GlobalID	Y	Unique identifier		

The street alias table joins to the street centerline table and the Street Dictionary together to get alias street names added to segments in the centerline file.

-

- The Street Alias table is joined to the Centerline table via the Street_ID field.

- Then Street Dictionary is joined to the centerline table (which now has the street alias fields) via the alias_street_id field of the segment alias to add the additional street name fields from the Street Dictionary to the centerline.

- The join must include multiple fields from the dictionary table as it does not include a full name.

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	Req'd	Type	Width	Description
OBJECTID	Y	Int		
ADDRESS_ID	N	Int		Unique identifier from address point file that will join
LANDMARK	N	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	Y	Unique identifier		

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	A site with no building or a site with multiple buildings that share the same address
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.

COUNTY

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

MUNICIPALITY

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

Code	Description	Code	Description
EAST PITTSBURGH	EAST PITTSBURGH BOROUGH	MT OLIVER	MOUNT OLIVER BOROUGH
EDGEWOOD	EDGEWOOD BOROUGH	MUNHALL	MUNHALL BOROUGH
EDGEWORTH	EDGEWORTH BOROUGH	NEVILLE	NEVILLE TOWNSHIP
ELIZABETH BORO	ELIZABETH BOROUGH	NORTH BRADDOCK	NORTH BRADDOCK BOROUGH
ELIZABETH TOWNSHIP	ELIZABETH TOWNSHIP	NORTH FAYETTE	NORTH FAYETTE TOWNSHIP
EMSWORTH	EMSWORTH BOROUGH	NORTH VERSAILLES	NORTH VERSAILLES TOWNSHIP
ETNA	ETNA BOROUGH	OAKDALE	OAKDALE BOROUGH
FAWN	FAWN TOWNSHIP	OAKMONT	OAKMONT BOROUGH
FINDLAY	FINDLAY TOWNSHIP	OHARA	OHARA TOWNSHIP
FOREST HILLS	FOREST HILLS BOROUGH	OHIO	OHIO TOWNSHIP
FORWARD	FORWARD TOWNSHIP	OSBORNE	OSBORNE BOROUGH
FOX CHAPEL	FOX CHAPEL BOROUGH	PENN HILLS	PENN HILLS MUNICIPALITY
FRANKLIN PARK	FRANKLIN PARK BOROUGH	PENNSBURY VILLAGE	PENNSBURY VILLAGE BOROUGH
FRAZER	FRAZER TOWNSHIP	PINE	PINE TOWNSHIP
GLASSPORT	GLASSPORT BOROUGH	PITCAIRN	PITCAIRN BOROUGH
GLENFIELD	GLENFIELD BOROUGH	PITTSBURGH	PITTSBURGH
GREEN TREE	GREEN TREE BOROUGH	PLEASANT HILLS	PLEASANT HILLS BOROUGH
HAMPTON	HAMPTON TOWNSHIP	PLUM	PLUM BOROUGH
HARMAR	HARMAR TOWNSHIP	PORT VUE	PORT VUE BOROUGH
HARRISON	HARRISON TOWNSHIP	RANKIN	RANKIN BOROUGH
HAYSVILLE	HAYSVILLE BOROUGH	RESERVE	RESERVE TOWNSHIP
HEIDELBERG	HEIDELBERG BOROUGH	RICHLAND	RICHLAND TOWNSHIP
HOMESTEAD	HOMESTEAD BOROUGH	ROBINSON	ROBINSON TOWNSHIP
INDIANA	INDIANA TOWNSHIP	ROSS	ROSS TOWNSHIP
INGRAM	INGRAM BOROUGH	ROSSLYN FARMS	ROSSLYN FARMS BOROUGH
JEFFERSON HILLS	JEFFERSON HILLS BOROUGH	SCOTT	SCOTT TOWNSHIP
KENNEDY	KENNEDY TOWNSHIP	SEWICKLEY	SEWICKLEY BOROUGH
KILBUCK	KILBUCK TOWNSHIP	SEWICKLEY HEIGHTS	SEWICKLEY HEIGHTS BOROUGH
LEET	LEET TOWNSHIP	SEWICKLEY HILLS	SEWICKLEY HILLS BOROUGH
LEETSDALE	LEETSDALE BOROUGH	SHALER	SHALER TOWNSHIP
LIBERTY	LIBERTY BOROUGH	SHARPSBURG	SHARPSBURG BOROUGH
LINCOLN	LINCOLN BOROUGH	SOUTH FAYETTE	SOUTH FAYETTE TOWNSHIP
MARSHALL	MARSHALL TOWNSHIP	SOUTH PARK	SOUTH PARK TOWNSHIP
MCCANDLESS	MCCANDLESS TOWNSHIP	SOUTH VERSAILLES	SOUTH VERSAILLES BOROUGH
MCDONALD	MCDONALD BOROUGH	SPRINGDALE BORO	SPRINGDALE BOROUGH
MCKEES ROCKS	MCKEES ROCKS BOROUGH	SPRINGDALE TOWNSHIP	SPRINGDALE TOWNSHIP
MCKEESPORT	MCKEESPORT	STOWE	STOWE TOWNSHIP
MILLVALE	MILLVALE BOROUGH	SWISSVALE	SWISSVALE BOROUGH
MONROEVILLE	MONROEVILLE MUNICIPALITY		
MOON	MOON TOWNSHIP		
MT LEBANON	MOUNT LEBANON		

Code	Description
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

Code	Description
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
MUNICPALITY	MUNICPALITY	Municipality
OPA	OPA	Property Assessments
SSA	SSA	Part of Conversion source
STATE	STATE	State of PA
USPS	USPS	US Post Office

ADDRESSSTATUS

The addressstatus is primarily ACTIVE. Only when there is an issue with a point is there a different status.

Code	Description	Details
ACTIVE	Active	An active address that is used in our system
RETIRED	Retired	A previous address that will be removed once a building is demolished and new construction starts on new addresses on the same site
DISPUTED	Disputed	An address obtained from 911 without municipality verification or in conflict with other data sources
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.

STREETTYPE

The streettype designations for those in the USPS Publication 28.

Suffix	Abbreviation	Suffix	Abbreviation	Suffix	Abbreviation
ALLEY	ALY	CIRCLES	CIRS	ESTATE	EST
ANEX	ANX	CLIFF	CLF	ESTATES	ESTS
ARCADE	ARC	CLIFFS	CLFS	EXPRESSWAY	EXPY
AVENUE	AVE	CLUB	CLB	EXTENSION	EXT
BAYOU	BYU	COMMON	CMN	EXTENSIONS	EXTS
BEACH	BCH	COMMONS	CMNS	FALL	FALL
BEND	BND	CORNER	COR	FALLS	FALLS
BLUFF	BLF	CORNERS	CORS	FERRY	FRY
BLUFFS	BLFS	COURSE	CRSE	FIELD	FLD
BOTTOM	BTM	COURT	CT	FIELDS	FLDS
BOULEVARD	BLVD	COURTS	CTS	FLAT	FLT
BRANCH	BR	COVE	CV	FLATS	FLTS
BRIDGE	BRG	COVES	CVS	FORD	FRD
BROOK	BRK	CREEK	CRK	FORDS	FRDS
BROOKS	BRKS	CRESCENT	CRES	FOREST	FRST
BURG	BG	CREST	CRST	FORGE	FRG
BURGS	BGS	CROSSING	XING	FORGES	FRGS
BYPASS	BYP	CROSSROAD	XRD	FORK	FRK
CAMP	CP	CROSSROADS	XRDS	FORKS	FRKS
CANYON	CYN	CURVE	CURV	FORT	FT
CAPE	CPE	DALE	DL	FREEWAY	FWY
CAUSEWAY	CSWY	DAM	DM	GARDEN	GDN
CENTER	CTR	DIVIDE	DV	GARDENS	GDNS
CENTERS	CTRS	DRIVE	DR	GATEWAY	GTWY
CIRCLE	CIR	DRIVES	DRS	GLEN	GLN

Suffix	Abbreviation	Suffix	Abbreviation	Suffix	Abbreviation
GLENS	GLNS	MEWS	MEWS	ROUTE	RTE
GREEN	GRN	MILL	ML	ROW	ROW
GREENS	GRNS	MILLS	MLS	RUE	RUE
GROVE	GRV	MISSION	MSN	RUN	RUN
GROVES	GRVS	MOTORWAY	MTWY	SHOAL	SHL
HARBOR	HBR	MOUNT	MT	SHOALS	SHLS
HARBORS	HBRS	MOUNTAIN	MTN	SHORE	SHR
HAVEN	HVN	MOUNTAINS	MTNS	SHORES	SHRS
HEIGHTS	HTS	NECK	NCK	SKYWAY	SKWY
HIGHWAY	HWY	ORCHARD	ORCH	SPRING	SPG
HILL	HL	OVAL	OVAL	SPRINGS	SPGS
HILLS	HLS	OVERPASS	OPAS	SPUR	SPUR
HOLLOW	HOLW	PARK	PARK	SPURS	SPUR
HOLLOWS	HOLWS	PARKS	PARK	SQUARE	SQ
INLET	INLT	PARKWAY	PKWY	SQUARES	SQS
ISLAND	IS	PARKWAYS	PKWY	STATION	STA
ISLANDS	ISS	PASS	PASS	STRAND	STRN
ISLE	ISLE	PASSAGE	PSGE	STRAVENUE	STRA
ISLES	ISLES	PATH	PATH	STREAM	STRM
JUNCTION	JCT	PATHS	PATHS	STREET	ST
JUNCTIONS	JCTS	PIKE	PIKE	STREETS	STS
KEY	KY	PINE	PNE	SUMMIT	SMT
KEYS	KYS	PINES	PNES	TERRACE	TER
KNOLL	KNL	PLACE	PL	THROUGHWAY	TRWY
KNOLLS	KNLS	PLAIN	PLN	TRACE	TRCE
LAKE	LK	PLAINS	PLNS	TRACK	TRAK
LAKES	LKS	PLAZA	PLZ	TRAFFICWAY	TRFY
LAND	LAND	POINT	PT	TRAIL	TRL
LANDING	LNDG	POINTS	PTS	TRAILER	TRLR
LANE	LN	PORT	PRT	TUNNEL	TUNL
LIGHT	LGT	PORTS	PRTS	TURNPIKE	TPKE
LIGHTS	LGTS	PRAIRIE	PR	UNDERPASS	UPAS
LOAF	LF	RADIAL	RADL	UNION	UN
LOCK	LCK	RAMP	RAMP	UNIONS	UNS
LOCKS	LCKS	RANCH	RNCH	VALLEY	VLY
LODGE	LDG	RAPID	RPD	VALLEYS	VLYS
LOOP	LOOP	RAPIDS	RPDS	VIADUCT	VIA
LOOPS	LOOPS	REST	RST	VIEW	VW
MALL	MALL	RIDGE	RDG	VIEWS	VWS
MANOR	MNR	RIDGES	RDGS	VILLAGE	VLG
MANORS	MNRS	RIVER	RIV	VILLAGES	VLGS
MEADOW	MDW	ROAD	RD	VILLE	VL
MEADOWS	MDWS	ROADS	RDS	VISTA	VIS

Suffix	Abbreviation
WALK	WALK
WALKS	WALK
WALL	WALL

Suffix	Abbreviation
WAY	WAY
WAYS	WAYS
WELL	WL

Suffix	Abbreviation
WELLS	WLS

ZIPCODE

ZIP	NAME
15101	ALLISON PARK
15003	AMBRIDGE
15005	BADEN
15006	BAIRDFORD
15007	BAKERSTOWN
15102	BETHEL PARK
15014	BRACKENRIDGE
15104	BRADDOCK
15015	BRADFORDWOODS
15017	BRIDGEVILLE
15018	BUENA VISTA
15020	BUNOLA
15106	CARNEGIE
15321	CECIL
15024	CHESWICK
15025	CLAIRTON
15026	CLINTON
15108	CORAOPOLIS
15028	COULTERS
15030	CREIGHTON
15046	CRESCENT
15031	CUDDY
15034	DRAVOSBURG
15110	DUQUESNE
15035	EAST MC KEESPORT
15112	EAST PITTSBURGH
15037	ELIZABETH
15332	FINLEYVILLE
16229	FREEPORT
15044	GIBSONIA
15045	GLASSPORT
15116	GLENSHAW
15047	GREENOCK

ZIP	NAME
15049	HARWICK
15120	HOMESTEAD
15126	IMPERIAL
15051	INDIANOLA
15642	IRWIN
15056	LEETSDALE
16046	MARS
15057	MC DONALD
15136	MC KEES ROCKS
15131	MCKEESPORT
15132	MCKEESPORT
15133	MCKEESPORT
15135	MCKEESPORT
15063	MONONGAHELA
15146	MONROEVILLE
15064	MORGAN
15668	MURRYSVILLE
15065	NATRONA HEIGHTS
15068	NEW KENSINGTON
15137	NORTH VERSAILLES
15071	OAKDALE
15139	OAKMONT
15140	PITCAIRN
15201	PITTSBURGH
15203	PITTSBURGH
15206	PITTSBURGH
15207	PITTSBURGH
15208	PITTSBURGH
15209	PITTSBURGH
15210	PITTSBURGH
15211	PITTSBURGH
15212	PITTSBURGH
15213	PITTSBURGH

ZIP	NAME
15214	PITTSBURGH
15217	PITTSBURGH
15218	PITTSBURGH
15219	PITTSBURGH
15220	PITTSBURGH
15221	PITTSBURGH
15222	PITTSBURGH
15224	PITTSBURGH
15225	PITTSBURGH
15226	PITTSBURGH
15232	PITTSBURGH
15233	PITTSBURGH
15236	PITTSBURGH
15239	PITTSBURGH
15241	PITTSBURGH
15243	PITTSBURGH
15261	PITTSBURGH
15275	PITTSBURGH
15290	PITTSBURGH
15238	PITTSBURGH
15223	PITTSBURGH
15215	PITTSBURGH
15229	PITTSBURGH
15282	PITTSBURGH
15276	PITTSBURGH
15205	PITTSBURGH
15202	PITTSBURGH
15237	PITTSBURGH
15235	PITTSBURGH
15204	PITTSBURGH
15216	PITTSBURGH
15228	PITTSBURGH
15234	PITTSBURGH

ZIP	NAME
15142	PRESTO
15075	RURAL RIDGE
15076	RUSSELLTON
16055	SARVER
16056	SAXONBURG
15143	SEWICKLEY
15129	SOUTH PARK
15144	SPRINGDALE
15082	STURGEON
15083	SUTERSVILLE
15084	TARENTUM
15085	TRAFFORD
15145	TURTLE CREEK
16059	VALENCIA
15147	VERONA
15086	WARRENDALE
15088	WEST ELIZABETH
15122	WEST MIFFLIN
15089	WEST NEWTON
15090	WEXFORD
15148	WILMERDING

SUFFIX

Code	Description
E	East
EB	Eastbound
N	North
NB	Northbound
NE	Northeast
NW	Northwest
S	South
SB	Southbound
SE	Southeast
SW	Southwest
W	West
WB	Westbound
EXT	Extension

PREFIX

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

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.

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 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.

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
A11	Interstate
A21	US Route
A31	Secondary State Road
A32	Primary State Road
A33	State Road - County Maintained
A41	Local Road
A42	Local Road -County Maintained
A51	Vehicular Trail
A61	Cul-de-sac
A62	Traffic Circle
A63	Access Ramp
A64	Service Road
A71	Walkway
A72	Stairway
A73	Alley
A74	Private Road
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 therefor 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.

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.

LIMITED ACCESS ROADWAY

Limited access highway would be any road that has on & off ramps or is an expressway with some sort of barrier between the lanes of traffic, whether it be a jersey barrier or grass.

A limited access highway (aka controlled access) typically are those where the speed limit is 60mph or higher and a driver can only enter or exit from a specially constructed ramp.

Definitions –

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