

MASTER ADDRESS REPOSITORY (MAR)

Data Dictionary



Office of the Chief Technology Officer



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Introduction:

The Master Address Repository (MAR) is a complicated and widely accessed database that is increasingly being accessed by many DC Government applications. For such a widely used databases, it is important to have high quality documentation readily accessible. As a result, this document contains the table definitions for the most important views, tables and feature classes within the MAR which are listed below:

- MARBBA.VW_ADDRESS
- DCGIS.AddressPt
- MARDBA.VW_ADDRESSUNIT
- MARDBA.VW_ADDRESSALIAS
- MARDBA.VW_BLOCK
- MARDBA.VW_INTERSECTION
- MARDBA.VW_STREETALIAS
- MARDBA.SSL_XREF_MAR

The MAR Website is located at:

<http://octo.dc.gov/service/master-address-repository>

Some of the data described in this document is available for download at the OCTO Data Catalog:

<http://beta.dcgis.opendata.arcgis.com/>

For technical support regarding MAR issues please contact dcgis@dc.gov.

Address View

Description: Stores the addresses. Over 140,000 addresses and their associated geographies.

Source: MARDBA.VW_ADDRESS

Field Name	Full Field Name	Definition	Comments	Example or All Values
ADDRESS_ID	Address Identifier	Number	Unique Address Identifier. Key field.	302001
ROADWAYSEGID	Roadway Segment Identifier	Number	Values from DDOT Street Spatial Database.	3633
STATUS	Status	Text, 15	Lifecycle Status of an address.	'ACTIVE' - 'ASSIGNED' - 'TEMPORARY' - 'RETIRE' - 'MISTAKE'
SSL	Square, Suffix, Lot	Text, 12	Property Identifier.	'1201 0017'
TYPE	Address Type	Text, 20	Address Type For locations without an address Number the value will be 'PLACE' and for locations with an address Number the value will be 'ADDRESS'	'ADDRESS' - 'PLACE'
ENTRANCETYPE	Entrance Type	Text, 15	Not used. All values are the same.	OFFICIAL
ADDRNUM	Address Number	Number	Street Number	1225
ADDRNUMSUFFIX	Address Number Suffix	Text, 6	Street Number Suffix	1/2
STNAME	Street Name	Text, 30		NEW YORK
STREET_TYPE	Street Type	Text 50		AVENUE
QUADRANT	Quadrant	Text, 2	All addresses in DC must have a Quadrant value	'NW' - 'NE' - 'SE' - 'SW'
CITY	City	Text 20		WASHINGTON
STATE	State	Text, 2		DC
FULLADDRESS	Full Address	Text, 255	Concatenation of ADDRNUM, ADDRNUMSUFFIX, STNAME, STREET_TYPE, QUADRANT	1225 NEW YORK AVENUE NW
XCOORD	X Coordinates	Number	Maryland State Plane NAD 1983 Meters	393840.52
YCOORD	Y Coordinates	Number	Maryland State Plane NAD 1983 Meters	137607.99
METADATA_ID	Metadata Identifier	Number	Metadata Identifier	79682
NATIONAL_GRID	National Grid	Text, 18	National Grid Coordinated	18S UH 25235 99754
ANC	Advisory Neighborhood Commission	Text, 25	Current ANC.	ANC 4C
ANC_2002	Advisory Neighborhood Commission 2002	Text, 25		ANC 4C
ANC_2012	Advisory	Text, 25		ANC5C

	Neighborhood Commission 2012			
PSA	Police Service Areas	Text, 35	Smallest Policing Area	Police Service Area 707
WARD	Ward	Text, 25	Current Ward.	Ward 7
WARD_2002	Ward 2002	Text, 25		Ward 7
WARD_2012	Ward 2012	Text, 25		Ward 8
NBHD_ACTION	Neighborhood Action	Text, 1		[OBSOLETE]
CLUSTER_	Cluter	Text, 25		Cluster 8
POLDIST	Police District	Text, 40		Police District - First District
ROC	Regional Operation Command	Text, 50	Obsolete. No longer in use by MPD.	'NA'
CENSUS_TRACT	Census Tract	Text, 35	Comprises of 1 or more Census Block Groups.	005800
CENSUS_BLOCK	Census Block	Text, 35	Smallest Census Area	005800 1024
CENSUS_BLOCKGROUP	Census Block Group	Text, 35	Comprises of 1 or more Census Blocks	005800 1
VOTE_PRCNCT	Voting Precinct	Text, 25		Precinct 78
SQUARE	Square	Text, 4		0819
SUFFIX	Suffix	Text, 4		E
LOT	Lot	Text, 4		2001
SMD	Single Member District	Text, 10	Current Single Member District	SMD 6C01
SMD_2002	Single Member District 2002	Text, 10		SMD 6C01
SMD_2012	Single Member District 2012	Text, 10		SMD 6C02
HOTPSOT	Hot Spot	Text, 50	Obsolete. No longer in use.	NA
NEWCOMMCANDIDATE		Text, 50		Barry Farm
FOCUS_IMPROVEMENT_AREA	Focus Improvement Area	Text, 100	Obsolete. No longer in use.	NA
ZIPCODE	Zipcode	Number	US Postal Service Zipcode (5 digit)	20012
HAS_SSL	Has Squar Suffix Lot	Text, 1	Has Property information	Y/N
HAS_ALIAS	Has Alias Name	Text, 1	Has Place Name	Y/N
HAS_CONDO_UNIT	Has Condominium Unit	Text, 1	Has residential condo unit associated with it.	Y/N
HAS_RES_UNIT	Has Residential Unit	Text, 1	Has residential units associated with it.	Y/N
OBJECTID_12	Object Identifier 12	Number	Not in Use	1
LATITUDE	Latitude	Number		38.853

LONGITUDE	Longitude	Number		-77.013
STREETVIEWURL	Streetview URL	Text, 200	Web Url to Google Maps Street View	http://maps.google.com/maps?z=16&layer=c&cbll=38.86949213,-76.9549506&cbp=11,337.611512246756,,0,2.09
ACTIVE_RES_UNIT_COUNT	Active Residential Unit Count	Number	The number of residential units whose status = 'ACTIVE' which are associated with the address.	2
RES_TYPE	Residential Type	Text, 20		'RESIDENTIAL' - 'MIXED USE' - 'NON RESIDENTIAL'

AddressPt Feature Class

Description: A featureclass based on the address records which has geometry. Available in the DCGISCentral SDE.

Source: DCGIS.AddressPt

Field Name	Full Field Name	Definition	Comments	Example
OBJECTID	Object Identifier	Object ID		576
OBJECTID_12	Object Identifier 12	Object ID		514
SITE_ADDRESS_PK	Site Address Primary Key.	Number	Same values as ADDRESS_ID	302001
ADDRESS_ID	Addresses Identifier	Text, 6	Unique Address Identifier. Key field.	298532
ROADWAYSEGID	Roadway Segment Identifier. Comes from DDOT Street Spatial Database. Should be a street, no alleys, driveways or ramps.	Number	Roadway Segment Identifier. Comes from DDOT Street Spatial Database. Needs to be a named street..	3633
STATUS	Status	Text, 8	Lifecycle Status	'ACTIVE' - 'ASSIGNED' - 'TEMPORARY' - 'RETIRE' - 'MISTAKE'
SSL	SQUARE, SUFFIX, LOT	Text, 12	Property Identifier	'0819 2001'
TYPE_	Address Type. For locations without an address Number the value will be 'PLACE' and for locations with an address Number the value will be 'ADDRESS'	Text, 20	For locations without an address Number the value will be 'PLACE' and for locations with an address number the value will be 'ADDRESS'	'PLACE' - 'ADDRESS'
ENTRANCETYPE	Entrance Type. Not used. All are same value	Text, 15	Not used. All are same value	OFFICIAL
ADDRNUM	Address Number	Number	Street Number	1225
ADDRNUMSUFFIX	Address Number Suffix	Text, 6	Street Number Suffix	1/2
STNAME	Street Name	Text, 30		NEW YORK
STREET_TYPE	Street Type	Text 50		AVENUE
QUADRANT	Quadrant	Text, 2	All addresses in DC must have a Quadrant value.	'NW' - 'NE' - 'SE' - 'SW'

CITY	City Name	Text 20		WASHINGTON
STATE	State Name	Text, 2		DC
FULLADDRESS	Full Address	Text, 255	Concatenation of ADDRNUM, ADDRNUMSUFFIX, STNAME, STREET_TYPE, QUADRANT	'1225 NEW YORK AVENUE NW'
SQUARE	Square	Text, 4		0819
SUFFIX	Suffix	Text, 4		E
LOT	Lot	Text, 4		2001
NATIONAL_GRID	National Grid	Text, 18		18S UH 25235 99754
ZIPCODE4	Zip Code +4	Text, 4	Zip Code Extension - Not In Use	Null
XCOORD	X Coordinates	Number	Maryland State Plane NAD 1983 Meters	393840.52
YCOORD	Y Coordinates	Number	Maryland State Plane NAD 1983 Meters	137607.99
STATUS_ID	Status Identifier	Number	1 to 1 relationship with STATUS field.	2
METADATA_ID	Meta Data Identifier	Number		69125
OBJECTID_1	Object Identifier 1	Number		1
ASSESSMENT_NBHD	Assessment Neighborhood	Text, 50		Petworth
ASSESSMENT_SUBNBHD	Assessment Sub Neighborhood	Text, 99		042 A Petworth
CFSA_NAME	Child and Family Service Agency Name Area	Text, 50		Edgewood/Brookland
HOTSPOT	Hot Spot (police)	Text, 50	Obsolete. No longer in use.	NA
CLUSTER_	Neighborhood Cluster	Text, 25	Neighborhood Cluster	Cluster 17
POLDIST	Police District	Text, 40	Police District	Police District - Seventh District
ROC	Regional Operation Command	Text, 50	Obsolete. No longer in use.	NA
PSA	Police Service Area	Text, 35	Smallest Policing Area	Police Service Area 707
SMD	Single Member District	Text, 10		SMD 8D04
CENSUS_TRACT	Census Tract	Text, 35		007302
VOTE_PRCNCT	Voting Precinct	Text, 25		Precinct 46
WARD	Current Ward	Text, 6		Ward 8
ZIPCODE	Zip Code	Number	5 digit Zip Code. The MAR does not store Zip +4 values.	20016
ANC	Advisory Neighborhood Commission	Text, 25		ANC 4C
NEWCOMMSELECT06	New Community Selected 2006	Text, 50		North West One
NECOMMCANDIDATE	New Community Candidate	Text, 50		Barry Farm

CENSUS_BLOCK	Census Block	Text, 35		001200 2003
CENSUS_BLOCKGROUP	Census Block Group	Text, 35		001200 2
FOCUS_IMPROVEMENT_AREA	Focus Improvement Area	Text, 100	Obsolete. No longer in use.	NA
SHAPE	Point	SHAPE	Point Geometry	
SE_ANNO_CAD_DATA	Oracle Spatial Info	Blob		
LATITUDE	Latitude	Number		38.853
LONGITUDE	Longitude	Number		-77.013
ACTIVE_RES_UNIT_COUNT	Active Residential Unit Count	Number	The number of Residential Unit whose status = 'ACTIVE' associated with it in the Residential Unit table	45
RES_TYPE	Residential Type	Text, 20		'RESIDENTIAL 'MIXED USE' OR 'NON RESIDENTIAL'
ACTIVE_RES_OCCUPANCY_COUNT	Active Residential Occupancy Count	Number	The number of housing units at this address. Use this value for determining number of housing units at a full address,	45
WARD_2002	Ward 2002	Text, 25		Ward 6
WARD_2012	Ward 2012	Text, 25		Ward 2
ANC_2002	Advisory Neighborhood Commission 2002	Text, 25		ANC 4C
ANC_2012	Advisory Neighborhood Commission 2012	Text, 25		ANC 4D
SMD_2002	Single Member District 2002	Text, 10		SMD 8D04
SMD_2012	Single Member District 2012	Text, 10		SMD 8D05

Residential Units View

Description: Contains apartment numbers for housing units within condo and apartment buildings. These units have unit numbers such as 101, A, 1.

Source: MARDBA.VW_ADDRESSUNIT

Field Name	Full Field Name	Definition	Comments	Example
UNIT_ID	Unit Identifier	Number	Unique Key Identifier	123465
ADDRESS_ID	Address Identifier	Number	Links to Address Table.	226161
FULLADDRESS	Full Address	Text, 255		101 15TH STREET NE
SSL	Square Suffix Lot	Text, 12	Property Identifier	2130 2001
STATUS	Unit Status	Text, 15	The lifecycle status of the unit.	'ACTIVE' - 'ASSIGNED' - 'TEMPORARY' - 'RETIRE' 'MISTAKE'
UNITNUM	Unit Number	Text, 10	Apartment Number or Condo Number	101, A, B
UNIT_TYPE	Unit Types	Text, 10		'CONDO' - 'RENTAL'
CONDO_BK	Condo Book Number	Number	Will be null for rental units.	31
CONDO_PG	Condo Page Number	Number	Will be null for rental units	101
METADATA_ID	Metadata Identifier	Number		3154403

Address Alias View

Description: Stores place names. Example include: Museums, Historical Sites, Building Numbers on Military Sites, Names of Buildings on Universities, Metro Station Entrances, Traffic Circles, Names of condo / Apartments buildings, DC Government named buildings, Federal Buildings, Cultural Sites. Monuments & Statues, Police & Fire Stations, Embassies. Note: There is a separate table where each alias name is categorized. Each alias record can be categorized in multiple categories.

Source: MARDBA.VW_ADDRESSALIAS

Field Name	Full Field Name	Definition	Comments	Example
ADDDRALIAS_ID	Alias Identifier	Number	Alias Unique Identifier. Key Field.	532
ADDRESS_ID	Address Identifier	Number		302110
STATUS	Status	Text, 15		ACTIVE
ALIASTYPE	Alias Type	Text, 20	Not meaningful. Not Being Actively Maintained	BUILDING NAME
ALIASNAME	Alias Name	Text, 2000	Place Name	WHITE HOUSE
ADDRNUM	Address Number	Number	Street Number	301
ADDRNUMSUFFIX	Address Number Suffix	Text, 6	Street Number Suffix	1/2
STNAME	Street Name	Text, 30		35TH
STTYPE	Street Type	Text, 50		STREET
STQUAD	Street Quadrant	Text, 255		SE
FULLADDRESS	Full Address	Text, 255		301 1/2 35TH STREET SE
METADATA_ID	Metadata Identifier	Number		797

Block View

Description: Stores information about blocks. Blocks are defined as from one street intersection to the next one. This table is based on information in DDOT's Street Spatial Database (SSD).

Source: MARDBA.VW_BLOCK

Field Name	Full Field Name	Definition	Comments	Example
MARID	MAR Identifier	Number	Unique Identifier.. Key Field	800042
STREETSEGID	Street Segment Identifier	Number	Sourced from DDOT.	1991
INTERSECTION1ID	Intersection 1 Identifier	Number	The From Intersection Identifier. Sourced from DDOT.	423
INTERSECTION2ID	Intersection 2 Identifier	Number	The To Intersection Identifier. Sourced from DDOT.	8675
ONSTREETID	On Street Identifier	Number	Sourced from DDOT.	104244
FROMSTREETID	From Street Identifier	Number	Sourced from DDOT.	103010
TOSTREETID	To Street Identifier	Number	Sourced from DDOT.	945010
THEORANGELL	Theoretical Range Left Low	Number		2400
THEORANGELH	Theoretical Range Left High	Number		2498
THEORANGERL	Theoretical Range Right Low	Number		2401
THEORANGERH	Theoretical Range Right High	Number		2499
ACTUALRANGELL	Actual Range Left Low	Number		2400
ACTUALRANGELH	Actual Range Left High	Number		2480
ACTUALRANGERL	Actual Range Right Low	Number		2401
ACTUALRANGERH	Actual Range Right High	Number		2451
CENTROIDX	Centroid X	Number	Maryland State Plane, NAD 1983 Meters	399361.115773
CENTROIDY	Centroid Y	Number	Maryland State Plane, NAD 1983 Meters	137856.784861
EXTENTMINX	Extent Minimum X	Number	Maryland State Plane, NAD 1983 Meters	399226.950013
EXTENTMINY	Extent Minimum Y	Number	Maryland State Plane, NAD 1983 Meters	137843.270877
EXTENTMAXX	Extent Maximum X	Number	Maryland State Plane, NAD 1983 Meters	399489.486621
EXTENTMAXY	Extent Maximum Y	Number	Maryland State Plane, NAD	137857.039997

			1983 Meters	
FULLBLOCK	Full Block	Text, 1021	Full Block Name based on its cross streets	O STREET NE FROM 1ST STREET NE TO 2ND STREET NE
LOWER_RANGE	Lower Range	Number	Lowest Theoretical Address Value in Range	2401
HIGHER_RANGE	Higher Range	Number	Highest Theoretical Address Value in Range	2499
BLOCKNAME	Block Name	Text, 421	Block Name bases on its Theoretical Address Range	1 - 99 BLOCK OF O STREET NE
ONSTNAME	On Street Name	Text, 30		NORTH CAPITAL
ONSTTYPE	On Street Type	Text, 50		STREET
ONSTQUAD	On Street Quadrant	Text, 250		BN
ONSTREETDISPLAY	On Street Display Name	Text, 337		NORTH CAPITAL STREET BN
FROMSTNAME	From Street Name	Text, 30		O
FROMSTTYPE	From Street Type	Text, 50		STREET
FROMSTQUAD	From Street Quadrant	Text, 250		NE
FROMSTREETDISPLAY	From Street Display Name	Text, 337		O STREET NE
TOSTNAME	To Street Name	Text, 30		1ST
TOSTTYPE	To Street Type	Text, 50		STREET
TOSTQUAD	To Street Quadrant	Text, 250		NE
TOSTREETDISPLAY	To Street Display Name	Text, 337		1ST STREET NE
NATIONALGRID	National Grid	Text, 20		18S UJ 25948 08546

Intersection View

Description: Stores information about intersections. Intersections are defined as from when two or more streets form a junction (at grade or not at grade). It also includes overpasses, underpasses, ramps and named alley intersections. This table is based on information in DDOT’s Street Spatial Database (SSD).

Source: MARDBA.VW_INTERSECTION

Field Name	Full Field Name	Definition	Comments	Example
MARID	MAR Identifier	Number	Unique for a location.	900101
INTERSECTIONID	Intersection Identifier	Number	From DDOT	10101
STREET1ID	Street 1 Identifier	Number		100220
STREET2ID	Street 2 Identifier	Number		131010
ST1NAME	Street 1 Name	Text, 30		22ND
ST1TYPE	Street 1 Name	Text, 50		STREET
ST1QUAD	Street 1 Quadrant	Text, 255		NW
FULLSTREET1DISPLAY	Full Street 1 Display Name	Text, 337		22ND STREET NW
ST2NAME	Street 2 Name	Text, 30		L
ST2TYPE	Street 2 Type	Text, 50		STREET
ST2QUAD	Street 2 Quadrant	Text, 255		NW
FULLSTREET2DISPLAY	Full Street 2 Display	Text, 337		L STREET NW
FULLINTERSECTION	Full Intersection	Text, 679	Full Intersection Name.	22ND STREET NW AND L STREET NW
REFX	Reference X	Number	Maryland State Plane NAD 1983 Meters	395763.26415402
REFY	Reference Y	Number	Maryland State Plane NAD 1983 Meters	136512.33762811
NATIONALGRID	National Grid	Text, 20		18S UJ 22321 07281
STREET1SEGID	Street Segment 1 Identifier	Number	Not Using. Do Not Update	3323
STREET2SEGID	Street Segment 2 Identifier	Number	Not Using. Do Not Update	9632
NODEID	Node Identifier	Number	From DDOT	40
TYPE	Type of Intersection	Text, 50	Regular intersections are at grade and are not ramps or alleys.	'REGULAR' - 'OVERPASS' - 'UNDERPASS' - 'RAMP' - 'ALLEY'
SOURCE	Source	Text, 25	Data Source for Intersection	'DDOT' - 'DCGIS'
LATITUDE	Latitude	Number		38.853
LONGITUDE	Longitude	Number		-77.013

Street Name Alias View

Description: Contains abbreviated, misspelled and alternative names for streets.

Source: MARDBA.VW_STREETALIAS

Field Name	Full Field Name	Definition	Comments	Example
STCODEALIAS_ID	Street Code Alias Identifier	Number	Key Field	Street Code
STATUS	Status	Text, 15	Alias Status	ACTIVE
ALIASTYPE	Alias Type	Text, 15	The Type of Alias	'ALTERNATE NAME' - 'ABBREVIATION' - 'OTHER' - 'MISPELLING'
ALIASNAME	Alias Name	Text, 40	Alternative Street Name	CONN
ALIASSTTYPE	Alias Street Type	Text, 50	Alternative Street Type	AVENUE
FULLALIASDISPLAY	Full Alias Display	Text, 91	Full Alternative Street Name	'CONN AVE'
STCODE	Street Code	Text, 5	From DDOT Street Spatial Database	0020
STCODENAME	Street Code Name	Text, 26		'Kenyon St.'
STREET_NAME	Street Name	Text, 30	Official Street Name	CONNECTICUT
STREET_TYPE	Street Type	Text, 50	Official Street Type	AVENUE
METADATA_ID	Metadata Identifier	Number		797

Address / SSL Cross Reference Table

Description: Stores the complicated many to many relationship between addresses and SSLs (property).

Source: MARDBA.SSL_XREF_MAR

Field Name	Full Field Name	Definition	Comments	Examples
SSL	Square, Suffix, Lot	Text, 12	Property Identifier	'1231 0021'
ADDRESS_ID	Address Identifier	Number	Links to Address Table	301218
SQUARE	Square	Text, 4	Property Square	1231
SUFFIX	Suffix	Text, 4	Property Suffix	E
LOT	Lot	Text, 4	Property Lot	0021
COL	Common Ownership Layer	Text, 1	In Common Ownership Layer?	Y/N
PARCEL	Parcel	Text, 4	Parcel	0231
RESERVATION	Reservation	Text, 4	Reservation	0001
LOT_TYPE	Lot Type	Text, 15	Property Lot Type	'RECORD LOT' - 'PARCEL' 'TAX LOT' - 'RESERVATION' - 'CONDO'