**Metro and 911 Address Point Specification**

**Comparison Document**

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**Context and Background.** The stakeholder organizations of the MetroGIS collaborative began to develop a data specification for address points in 2004. The specification was developed via the MetroGIS Address Point Workgroup and has been based largely on the Federal Geographic Data Committee address point standard. The metro address point specification has modified slightly since its initial creation, with the last revision occurring in 2015; this was to add the Positional Accuracy Indicator attribute and to make other minor modifications.

With the successful creation of this address point specification, the Metropolitan Council agreed to fund and to manage the contract for the development of an Address Point Editor tool; this tool was intended to help addressing authorities create address points in the metro address point specification. As of July 2016, the Metro Address Editor Tool is in its third iteration (Version 3.0). The tool is in use by numerous MetroGIS stakeholder organizations and is freely available to all government agencies in the State of Minnesota for the creation of address points. One of the benefits of this tool is that the resulting data is in the Metro Address Point Specification. Details about acquiring and using this tool and documents related to the Metro Address Point Specification can be found on the MetroGIS website here: <http://www.metrogis.org/projects/address-point-editor.aspx>

**Metro Specification and NextGen 911 Specification Comparison Overview.**

While the metro regional stakeholders have developed an address data specification to meet their core needs, at present, there is no statewide specification or approved statewide standard for address points in Minnesota. The NextGen 911 user community has a strong business need for consuming standardized address point data produced by the authoritative sources. During 2015-2016, the 911 stakeholder community in Minnesota has developed a data specification of its own for address points to meet its specific business needs to satisfy NextGen 911 use cases and requirements. The emerging 911 address point specification derives a great deal of its structure and content from the National Emergency Number Association (NENA) address point standard, which itself remains in development.

A possible ideal “endgame solution” would be the development of a Minnesota statewide address point specification that would meet a wide range of stakeholder needs, including those of the 911 community. Ideally, this would entail the combination of the attributes in the existing metro specification and those in the developing 911 specification; this ‘hybrid’ would ideally be able to meet all the core needs of the data producer and data consumer community and could be a candidate for approval as a statewide address point standard. Arrival at this statewide specification would require the involvement and consensus of a wide range of data producer and data consumer stakeholder individuals and agencies.

**How to use this document:**

Throughout this document, information relating to:

* The ***metro specification*** is in shown in ***blue***
* The ***911 specification*** is shown in ***red***
* Any information related to an ***action or decision*** is shown in ***purple***
* Attributes where the two specifications ***align*** are shown in ***green***

**Links to other resources:**

Please also refer to the companion Excel spread sheet prepared to accompany this document: **Metro\_911\_Comparison.xls**

This document and the Comparison spreadsheet are available from the **metrogis.org** website here:

<http://metrogis.org/projects/address-point-aggregation.aspx>

Path to resources on the **metrogis.org** website:

**metrogis.org** **> Projects**

**>> Address Point Aggregation**

**[Data Specifications (subheading)]**

**Identification Elements:**

**ADD\_ID\_NAT**

Name: **National Address Unique Identifier**

Database name: **ADD\_ID\_NAT**

Type: **Text**

Width: **60**

FGDC Equivalent: **2.3.1.1, 2.4.1.1**

Purpose: Nationally unique address identifier

Inclusion: **Mandatory**

Notes: **Not needed by 911**

Review/Action: **No action needed (see UNIQUE\_ID)**

**ADD\_ID\_LOC**

Name: **Local Address Unique Identifier**

Database name: **ADD\_ID\_LOC**

Type: **Text**

Width: **50**

FGDC Equivalent: **2.4.1.1**

Purpose: Local address unique identifier

Inclusion: **Mandatory**

Notes: **Not needed by 911**

Review/Action: **No action needed (see UNIQUE\_ID)**

**UNIQUE\_ID**

Name: **Unique Identifier**

Database name: **UNIQUE\_ID**

Type: **Text**

Width: **100**

FGDC Equivalent:  **(N/A)**

Purpose: Unique ID for the address

Inclusion: **Mandatory**

Notes: **No equivalent in Metro Specification**

Review/Action: **Determination of which unique ID approach can meet the needs of both local and 911 uses;**

**Do CAD systems in use by local partners and stakeholders require a certain kind of address point unique ID such as a 36-character GUID?**

**Address Number Elements:**

**ANUMBERPRE**

Name: **Address Number Prefix**

Database name: **ANUMBERPRE**

Type: **Text**

Width: **6, 15**

FGDC Equivalent: 2.2.1.1

Purpose: Address Number Prefix

Inclusion: **Mandatory, Conditional**

Example: **N6W2** 3001 Blue Mountain Road

Notes: **Shared need for this attribute**

Review/Action: **Determination if a shared field width is warranted**

**ANUMBER**

Name: **Address Number**

Database name: **ANUMBER**

Type: **Integer**

Width: **10, 6**

FGDC Equivalent: 2.2.1.2

Purpose: Address Number

Inclusion: **Mandatory, Mandatory**

Example: **1500** Skylark Lane

Notes: **Shared need for this attribute**

Review/Action: **Determination if a shared field width is warranted**

**Determine the need for rules, best practices, exceptions, etc.**

**for address numbers**

**ANUMBERSUF**

Name: **Address Number Suffix**

Database name: **ANUMBERSUF**

Type: **Text**

Width: **6, 15**

FGDC Equivalent: 2.2.1.3

Purpose: Address Number Suffix

Inclusion: **Mandatory, Conditional**

Example: 797 **B** Wilson Street

18 **½** Taylor Street

Notes: **Shared need for this attribute**

Review/Action: **Determination if a shared field width is warranted**

**ANUMBERSEP**

Name: **Address Separator Element**

Database name: **ANUMBERSEP**

Type: **Text**

Width: **1**

FGDC Equivalent: 2.2.2.4 *(formerly 2.2.1.4)*

Purpose: Accommodate separation symbols such as "@", "&", "-", "/"

Example: 61**-**64 Johnson Boulevard

Inclusion: **Mandatory**

Notes: **No equivalent in 911 Specification**

**Metro specification will maintain ANUMBERSEP its specification to align with the Federal standard, however, its usage is rare.**

Review/Action: **Determination of need for a field to potentially accommodate the needs and uses of ST\_PRE\_SEP *and* ANUMBERSEP**

**ST\_PRE\_MOD**

Name: **Street Pre Modifier**

Database name: **ST\_PRE\_MOD**

Type: **Text**

Width: **10, 15**

FGDC Equivalent: 2.2.2.1

Purpose: Word or phrase that precedes the street name (rare)

Inclusion: **Mandatory, Optional**

Example: 333 ***Old*** North First Street

Notes: **Shared need for this attribute**

Review/Action: **Opportunity for a shared domain (?); MRCC and NG9-1-1 do not have domains**

**ST\_PRE\_DIR**

Name: **Street Pre Directional**

Database name: **ST\_PRE\_DIR**

Type: **Text**

Width: **9**

FGDC Equivalent: 2.2.2.2

Purpose: Street Name Pre Directional; precedes the street name

Inclusion: **Mandatory, Conditional**

Example: 4321 ***North*** Main Street

Notes: **Shared need for this attribute**

Review/Action: **Potential to use the domain created for the MRCC**

**Existing MRCC Domain ‘Address\_Direction’**

**ST\_PRE\_TYP**

Name: **Street Pre Type**

Database name: **ST\_PRE\_TYP**

Type: **Text**

Width: **24, 25**

FGDC Equivalent: 2.2.2.3

Purpose: Street Name Pre Type; precedes the street name

Inclusion: **Mandatory, Conditional**

Example: 1500 ***Highway*** 52

Notes: **Shared need for this attribute**

Review/Action: **Decide to make the column width the same (if needed);**

**Potential to develop a shared domain of values; MRCC does not currently use a domain; NG9-1-1 will build domain based on local values**

**ST\_PRE\_SEP**

Name: **Street Name Pre-Type Separator**

Database name: **ST\_PRE\_SEP**

Type: **Text**

Width: **20**

FGDC Equivalent: (N/A)

Purpose: Unique ID for the address

Inclusion: **Optional**

Examples: Avenue ***of the*** Americas, Circle ***in the*** Woods

Loop ***at the*** Park, Avenida ***de los*** Olivadados

Rue ***des*** Étoiles

Notes: **No equivalent in metro specification**

Review/Action: **Determination of need for this in the metro specification**

**ST\_NAME**

Name: **Street Name**

Database name: **ST\_NAME**

Type: **Text**

Width: **42, 60**

FGDC Equivalent: 2.2.2.5

Purpose: Name of street

Inclusion: **Mandatory, Mandatory**

Notes: **Shared need for this attribute**

Review/Action: **Decide to make the column width the same (if needed);**

**ST\_POS\_TYP**

Name: **Street Post Type**

Database name: **ST\_POS\_TYP**

Type: **Text**

Width: **12, 15**

FGDC Equivalent: 2.2.2.6

Purpose: Street Post Type

Inclusion: **Mandatory, Conditional**

Example: 1500 Skylark ***Lane,*** 2200 Fillmore ***Street*** Northeast

Notes: **Shared need for this attribute**

Review/Action: **Decide to make the column width the same (if needed);**

**Potential to use the domain created for the MRCC**

**Existing MRCC domain: ‘Address\_PostType’**

**ST\_POS\_DIR**

Name: **Street Post Directional**

Database name: **ST\_POS\_DIR**

Type: **Text**

Width: **9**

FGDC Equivalent: 2.2.2.7

Inclusion: **Mandatory, Conditional**

Purpose: Street Name Post Directional

2200 Fillmore Street ***Northeast***

Notes: **Shared need for this attribute**

Review/Action: **Potential to use the domain created for the MRCC**

**Existing MRCC Domain: ‘Address\_Direction’**

**ST\_POS\_MOD**

Name: **Street Post Modifier**

Database name: **ST\_POS\_MOD**

Type: **Text**

Width: **12, 12**

FGDC Equivalent: 2.2.2.8

Inclusion: **Mandatory, Conditional**

Purpose: Additional description after the street name and type (rare)

Example: 4321 Central Avenue ***Extension***

Notes: **Shared need for this attribute**

Review/Action: **No action needed**

**Subtype Elements:**

Within the draft national standard, the two sub-address elements (SUB\_TYPE and SUB\_ID) are formatted as repeating pairs because some addresses have multiple sub-address types. This is easy to do in an XML schema, but in a database requires a related table. Because MetroGIS will have implementations that use flat files without related tables (e.g. shape files), it was decided to include two sets of sub-address elements. Additional sub-address information should be put into the Location Description field.

**SUB\_TYPE**

Name: **Sub-address Type**

Database name: **SUB\_TYPE**

Type: **Text**

Width: **12, 75**

FGDC Equivalent: 2.2.4.1

Inclusion: **Mandatory, Optional**

Purpose: Accommodate sub-address level information

Examples: ***Apartment*** 17C, ***Building*** 6, ***Tower*** B, ***Floor*** 2, ***Suite*** 1040, etc.

Notes: **911 Specification has identified the need for sub-address types such as BUILDING, FLOOR, UNIT, ROOM and SEAT with a width of 75**

Review/Action: **Use of SUB\_TYPE and SUB\_ID seems appropriate to use for BUILDING, FLOOR, UNIT, ROOM, SEAT as needed by 911, as well as the categories needed (APARTMENT, TOWER, SUITE, etc.); at this time NG9-1-1 will accept MetroGIS’s use of SUB\_TYPE and SUB\_ID as additional fields in the NG9-1-1 schema; ADDITIONAL DISCUSSION REQUIRED: the relationship between SUB\_TYPE and NG9-1-1’s sub-address type categories will need to be developed**

**SUB\_ID**

Name: **Sub-address Identifier**

Database name: **SUB\_ID**

Type: **Text**

Width: **12, 75**

FGDC Equivalent: 2.2.4.2

Purpose: Accommodate sub-address level information

Inclusion: **Mandatory, Conditional**

Examples: Apartment ***17C***, Building ***6***, Tower ***B***, Floor ***2***, Suite ***1040***, etc.

Notes: **911 Specification has identified the need for sub-address types such as BUILDING, FLOOR, UNIT, ROOM and SEAT with a width of 75**

Review/Action: **Use of SUB\_TYPE and SUB\_ID seems appropriate to use for BUILDING, FLOOR, UNIT, ROOM, SEAT as needed by 911, as well as the categories needed (APARTMENT, TOWER, SUITE, etc.); at this time NG9-1-1 will accept MetroGIS’s use of SUB\_TYPE and SUB\_ID as additional fields in the NG9-1-1 schema; ADDITIONAL DISCUSSION REQUIRED: the relationship between SUB\_TYPE and NG9-1-1’s sub-address type categories will need to be developed**

**Larger Area Elements:**

**MUNI\_NAME, CITY**

Name: **Municipal Jurisdiction Name, City Name**

Database name: **MUNI\_NAME, CITY**

Type: **Text**

Width: **30, 100**

FGDC Equivalent: 2.2.6.1, 2.2.6.2

Purpose: Name of city, township or unorganized territory

Inclusion: **Mandatory, Mandatory**

Examples: Blackberry Township

Two Harbors

Upper Red Lake Unorganized Territory

Notes: **Shared need for this attribute**

Review/Action: **Agree to use MRCC domain “Legal\_CTU\_Name”**

**Is a common database name (MUNI\_NAME or CITY) needed?**

**MUNI\_CODE**

Name: **Municipal Jurisdiction Code**

Database name: **MUNI\_CODE**

Type: **Text**

Width: **8**

FGDC Equivalent: (N/A)

Purpose: GNIS Code of city, township or unorganized territory

Inclusion: **Mandatory, (Use Metro Value)**

Examples: **0663402** (Albert Lea, township)

**2393902** (Albert Lea, city)

Notes: **Shared need for this attribute**

Review/Action: **Agree to use MRCC domain “City\_GNIS\_Codes”**

**USPS\_PLACE, POSTCOMM**

Name: **USPS Place Name, Postal Community Name**

Database name: **USPS\_PLACE, POSTCOMM**

Type: **Text**

Width: **30, 40**

FGDC Equivalent: 2.2.6.1, 2.2.6.2

Purpose: Name given by the U.S. Postal Service to the post office from which mail is delivered to the address. In many instances this will differ from the name of the city or township in which the address is physically located.

Inclusion: **Optional, Optional**

Notes: **Shared need for this attribute**

Review/Action: **Development of a domain of values to meet the need(s).**

**Note: The MRCC effort is weighing the merits of adding a Postal Community attribute to its data specification. There is an opportunity to develop a shared domain of Postal Community values between the address and road centerline specifications.**

**CO\_CODE**

Name: **County Code**

Database name: **CO\_CODE**

Type: **Text**

Width: **3**

FGDC Equivalent: 2.3.8.6

Purpose: Three character ANSI (formerly FIPS) code for the county in which the address resides

Inclusion: **Mandatory, (Use Metro Value)**

Examples: **003** (Anoka County)

**139** (Scott County)

Notes: **Shared need for this attribute**

Review/Action: **Agree to use MRCC domain “County\_FIPS”**

**CO\_NAME, COUNTY**

Name: **County Name**

Database name: **CO\_NAME, COUNTY**

Type: **Text**

Width: **20, 40**

FGDC Equivalent: 2.2.6.1

Purpose: Name of county in which the address resides

Inclusion: **Mandatory, Mandatory**

Examples: **Anoka**

**Scott**

Notes: **Shared need for this attribute**

Review/Action: **Agree to use first name of county;**

**Caps lower case;**

**Without ‘County’ appended to it;**

**STATE\_CODE, STATE**

Name: **State Code, State**

Database name: **STATE\_CODE, STATE**

Type: **Text**

Width: **2**

FGDC Equivalent: 2.2.6.3, 2.3.8.6

Purpose: Names of U.S. States (and state equivalents, ‘Puerto Rico, ‘Wake Island’, etc.)

Inclusion: **Mandatory, Mandatory**

Notes: **Shared need for this attribute**

FDGC indicates this can be spelled out or represented with a two character USPS or ANSI abbreviation. **MetroGIS has specify the two character code to remove ambiguity.**

Review/Action: **This will always be “MN” in our database and is therefore unnecessary, however, we will include it so as to make a standard that could also be used for things like parcel owners, etc. that may reside out-of-state.**

**ZIP, POSTAL CODE**

Name: **Zip Code, Postal Code**

Database name: **ZIP**

Type: **Text**

Width: **5, 7**

FGDC Equivalent: 2.2.6.3\* (\*Error in federal document, it *should* be 2.2.6.4)

Purpose: A system of 5-digit codes that identifies the individual Post Office or metropolitan area delivery station associated with an address.

Inclusion: **Mandatory, Conditional**

Examples: **55418 (United States)**

**P7C 5K4 (Canada)**

Notes: **Shared need for this attribute**

Review/Action: **NG9-1-1 needs field width of 7 for inclusion of Canadian postal codes;**

**Decide to make the column width the same (if needed);**

**ZIP Plus 4**

Name: **Zip Plus 4**

Database name: **ZIP4**

Type: **Text**

Width: **4**

FGDC Equivalent: 2.2.6.4\* (\*Error in federal document, it *should* be 2.2.6.5)

Purpose: A 4-digit extension of the 5-digit ZIP Code (preceded by a hyphen) that, in conjunction with the ZIP code, identifies a specific range of the USPS delivery addresses. This element is optional.

Inclusion: **Optional, Optional**

Examples: **0348**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**Additional Attributes:**

**LOC\_DESC, ADD\_LOC**

Name: **Location Description, Additional Location**

Database name: **LOC\_DESC, ADD\_LOC**

Type: **Text**

Width: **40, 225**

FGDC Equivalent: 2.3.7.8

Purpose: A text description providing more detail on how to identify or find the addressed feature.

Inclusion: **Optional, Optional**

Examples: **“Red house at intersection”**

**“400 yards west of water tank”**

Notes: **Shared need for this attribute**

Review/Action: **Determine if a shared column width is needed; NG9-1-1 recommends increasing MetroGIS field width to accommodate more detailed descriptions**

**LANDMARK**

Name: **Landmark Name, Complete Landmark Name**

Database name: **LANDMARK**

Type: **Text**

Width: **40, 150**

FGDC Equivalent: 2.2.5.1

Purpose: The name of a relatively permanent feature of the landscape that has recognizable identity within a particular cultural context.

Inclusion: **Optional, Conditional**

Notes: **Shared need for this attribute**

Review/Action: **In the metro specification, any individual address could represent multiple landmarks, thus we will just include one primary landmark name here.**

**Determine if a shared column width is needed; NG9-1-1 recommends increasing MetroGIS field width to accommodate more detailed landmark identifications**

**RESIDENCE**

Name: **Residence**

Database name: **RESIDENCE**

Type: **Text**

Width: **10**

FGDC Equivalent: (N/A)

Purpose: To identify if an address has a residence or living quarters. This also includes multi-use addresses that include a residence when no other address for that residence exists in the database. This data element is **not** intended to indicate whether the residence is currently occupied. Thus apartment units would be included whether they are occupied or vacant.

Inclusion: **Optional, (Use Metro Value)**

Example: **Yes**, **No** or **Unknown**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**MAILABLE**

Name: **Mailable**

Database name: **MAILABLE**

Type: **Text**

Width: **10**

FGDC Equivalent: 2.3.7.9

Purpose: Identifies whether an address receives USPS mail delivery (that is, the address is occupiable, and the USPS provides on-premises USPS mail delivery to it). For example, an address for a cell tower or park with no mailbox would not be a mailable address.

Inclusion: **Optional, (Use Metro Value)**

Example: **Yes**, **No** or **Unknown**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**STATUS**

Name: **Lifecycle Status**

Database name: **STATUS**

Type: **Text**

Width: **10**

FGDC Equivalent: (N/A)

Purpose: The lifecycle status of the address

Inclusion: **Optional, (Use Metro Value)**

Example: **Active**, **Proposed** or **Retired**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**PIN**

Name: **Parcel Unique Identifier**

Database name: **PIN**

Type: **Text**

Width: **17**

FGDC Equivalent: 2.2.3.2, 2.4.1.2.3, 2.5.20 and 2.5.21

Purpose: The primary permanent identifier, as defined by the address parcel identifier source, for a parcel that includes the land or feature identified by an address.

Inclusion: **Optional**

Examples: **003-273123230001**

**123-222922330206**

This element will follow the MetroGIS Regional Parcel Dataset format for parcel ID

Notes: **911 has no business need for this attribute**

Review/Action: **(n/a)**

**LONGITUDE**

Name: **Longitude**

Database name: **STATUS**

Type: **Real**

Width: **(Double)**

FGDC Equivalent: 2.3.2.3

Purpose: The longitude of the address location, in decimal degrees, WGS84 datum.

Inclusion: **Mandatory, Optional**

Example: **-93.090650**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**LATITUDE**

Name: **Longitude**

Database name: **STATUS**

Type: **Real**

Width: **(Double)**

FGDC Equivalent: 2.3.2.4

Purpose: The latitude of the address location, in decimal degrees, WGS84 datum.

Inclusion: **Mandatory, Optional**

Example: **44.947924**

Notes: **Shared need for this attribute**

Review/Action: **(n/a)**

**POSI\_ACCU, PLACEMENT­­­**

Name: **Positional Accuracy Indicator, Placement Methods**

Database name: **POSI\_ACCU, PLACEMENT**

Type: **Text**

Width: **2, 25**

FGDC Equivalent: (n/a)

Purpose: A code that indicates the positional accuracy description;

Inclusion: **Optional, Mandatory**

Examples: *(see table below)*

Notes: **Shared need for this attribute**

**The metro stakeholders developed and adopted a domain of values in 2015 (See table below); also see below for NG9-1-1 domain values**

Review/Action: **Opportunity to create a shared domain of values to meet the needs of both the metro and 911 users**

**Current values in the metro address point specification:**

|  |  |
| --- | --- |
| **CODE** | **VALUE** |
| 0 | *Unknown* |
| 1 | *Parcel polygon centroid or random placement* |
| 2 | *Aligned to doorstep based on aerial photo* |
| 3 | *Placed on correct building, but necessarily on doorstep* |
| 4 | *Placed over portion of building in which the unit exists* |
| 5 | *Driveway entrance from road* |
| 6 | *Preliminary location for new address created without aid of parcel boundaries, air photo, etc.* |
| 7 | *Preliminary location created based on digital pre-final plat* |
| 99 | *Other (Please provide documentation of other situations)* |

**Current values in the NG9-1-1 address point specification:**

* Building Entrance
* Geocoding
* Parcel
* Preliminary
* Property Access
* Structure
* Site
* Unknown

**ADIRSOURCE, SOURCE**

Name: **Address Direct Source, Source of Data**

Database name: **ADIRSOURCE, SOURCE**

Type: **Text**

Width: **40, 75**

FGDC Equivalent: (n/a)

Purpose: Source from whom the data provider obtained the address, or with whom the data provider validated the address; NG9-1-1 defines this field as the Agency that is responsible for submitting the given record, usually the name of the 9-1-1 GIS Authority (e.g. DAKOTA).

Inclusion: **Optional, Mandatory**

Examples: Planning and Zoning Dept.

Fire Dept.

Public Works Dept.

DAKOTA

ISANTI

Notes: **For MetroGIS purposes, this field can be used to indicate the department within a city that supplied the address; NG9-1-1 has different use – please see above; SOURCE is a mandatory field for NG9-1-1**

Review/Action: **Determine if a shared column width is needed**

**Opportunity to create a shared domain**

**Agree on common definition or separate attributes; make mandatory**

**AAUTHORITY**

Name: **Address Authority**

Database name: **AAUTHORITY**

Type: **Text**

Width: **40**

FGDC Equivalent: 2.3.1.2

Purpose: The name of the authority (e.g. municipality, addressing agency or authority) that created or has jurisdiction over the creation, alteration, or retirement of an address.

Inclusion: **Mandatory, Mandatory**

Notes: **Shared need for this attribute**

Entities other than cities and counties might be possible here

e.g. (Colleges and universities, 3M, Mdewakanton Sioux Community, etc.

Review/Action: **Opportunity to create a shared domain**

**EDIT\_ORG**

Name: **Editing Organization**

Database name: **EDIT\_ORG**

Type: **Text**

Width: **40**

FGDC Equivalent: (n/a)

Purpose: Organization responsible for making the last edit to the address

Inclusion: **Optional, Mandatory**

Example: Dakota County

Notes: **Shared need for this attribute**

Review/Action: **n/a**

**UPDATEDATE, EDITED\_DT**

Name: **Update Date, Date Updated**

Database name: **UPDATEDATE, EDITED\_DT**

Type: **Date**

Width: **8, n/a**

FGDC Equivalent: (n/a)

Purpose: Date of most recent edit of the address point.

Inclusion: **Mandatory, Mandatory**

Examples: 02/11/2014

Notes: **Shared need for this attribute**.

This should preferably be filled by the editing application whenever there is an edit. It should use the standard MM/DD/YYYY format. Note, this element is not part of the National Standard

Review/Action: **Determine if a shared column width is needed;**

**Opportunity to create a shared best practice for handling date; MRCC and NG9-1-1 are using MM/DD/YYYY format (Esri default date setting with HH:MM:SS optional)**

**COMMENTS**

Name: **COMMENTS**

Database name: **Comments**

Type: **Text**

Width: **254**

FGDC Equivalent: (n/a)

Purpose: Text for additional comments on the address point

Inclusion: **Optional**

Notes: **Shared need for this attribute**

A field for free form comments as deemed useful by the address authority.

Review/Action: **(n/a)**

**NOC\_GEO**

Name: **Not Centerline Geo-codable**

Database name: **NOC\_GEO**

Type: **Text**

Width: **7**

FGDC Equivalent: (n/a)

Purpose: Indicate that an address point is not geo-codable from its adjacent road centerline; this would relate to special addresses or legacy addresses which require special handling for MSAG creation

Inclusion: **Mandatory**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders and their PSAPs?**

**ACT\_DATE**

Name: **Effective Date**

Database name: **ACT\_DATE**

Type: **Date**

Width: **n/a**

FGDC Equivalent: (n/a)

Purpose: Indicate the active date of the assignment of the address point

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders?**

**Agree on format?**

**RET\_DATE**

Name: **Expiration (Retired) Date**

Database name: **RET\_DATE**

Type: **Date**

Width: **n/a**

FGDC Equivalent: (n/a)

Purpose: Indicate the expiration or retirement date of an address point

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders?**

**Agree on format?**

**COUNTRY**

Name: **Country (Nation)**

Database name: **COUNTRY**

Type: **Text**

Width: **2**

FGDC Equivalent: (n/a)

Purpose: Sovereign nation in which the address point resides.

Inclusion: **Optional**

Notes: **Does not exist in the metro specification;**

Review/Action: **NG9-1-1 will append this to the data**

**ESN**

Name: **Emergency Service Number**

Database name: **ESN**

Type: **Text**

Width: **5**

FGDC Equivalent: (n/a)

Purpose: Emergency service number.

Inclusion: **Mandatory**

Notes: **Does not exist in the metro specification;** MRCC and NG9-1-1 agreed not to maintain a domain for this field; no leading zeros

Review/Action: **Need to add field into metro specification**

**MSAG\_C**

Name: **Master Street Address Guide Community**

Database name: **MSAG\_C**

Type: **Text**

Width: **30**

FGDC Equivalent: (n/a)

Purpose: Master Street Address Guide Community

Inclusion: **Mandatory**

Notes: **Does not exist in the metro specification;**

Review/Action: **Add field into metro specification**

**Use the domain created for the MRCC “MSAG\_Domain”**

**LANDMKPART**

Name: **Landmark Name Part**

Database name: **MSAG\_C**

Type: **Text**

Width: **150**

FGDC Equivalent: (n/a)

Purpose: Descriptive detail of a part of a landmark

Inclusion: **Optional**

Notes: **Does not exist in the metro specification;**

Review/Action: **(n/a)**

**ADDDATAURI**

Name: **Additional Data Uniform Resource Identifier**

Database name: **ADDDATAURI**

Type: **Text**

Width: **254**

FGDC Equivalent: (n/a)

Purpose: Uniform Resource Identifier relevant to the address point.

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**MILEPOST**

Name: **Milepost**

Database name: **MILEPOST**

Type: **Text**

Width: **150**

FGDC Equivalent: (n/a)

Purpose: Milepost

Inclusion: **Optional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**PLACE\_TYPE**

Name: **Place Type**

Database name: **PLACE\_TYPE**

Type: **Text**

Width: **50**

FGDC Equivalent: (n/a)

Purpose: The type of feature located by the address. Examples: AIRPORT, BANK, CAFÉ, CLUB, OFFICE, HOTEL

Inclusion: **Optional**

Notes: **Does not exist in the metro specification;**

**Per NENA RFC 4589 (**[**http://tools.ietf.org/rfc/rfc4589.txt**](http://tools.ietf.org/rfc/rfc4589.txt)**)**

**is the Registry of Location Types**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**ELEVATION**

Name: **Elevation**

Database name: **ELEVATION**

Type: **Long Integer**

Width: **6**

FGDC Equivalent: (n/a)

Purpose: The elevation, given in meters above mean sea level, associated with the site/structure address.

Inclusion: **Optional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**LST\_PREDIR**

Name: **Legacy Street Prefix Directional**

Database name: **LST\_PREDIR**

Type: **Text**

Width: **2**

FGDC Equivalent: (n/a)

Purpose: Street Prefix Directional (abbreviated)

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**LST\_NAME**

Name: **Legacy Street Name**

Database name: **LST\_NAME**

Type: **Text**

Width: **75**

FGDC Equivalent: (n/a)

Purpose: Street Name (may contain abbreviations as used in the MSAG)

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**LST\_POSTYP**

Name: **Legacy Street Post Type**

Database name: **LST\_POSTYP**

Type: **Text**

Width: **10**

FGDC Equivalent: (n/a)

Purpose: Street Post Type (abbreviated)

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**

**LST\_POSDIR**

Name: **Legacy Street Post Directional**

Database name: **LST\_POSDIR**

Type: **Text**

Width: **10**

FGDC Equivalent: (n/a)

Purpose: Street Post Directional (abbreviated)

Inclusion: **Conditional**

Notes: **Does not exist in the metro specification;**

Review/Action: **Would this attribute be valuable and useful to the metro stakeholders or their PSAPs?**