

Road Centerlines FINAL Editable Transportation FS Data Dictionary

This is a data dictionary create by Yavapai County for Enterprise Geodatabase for Editable Road Centerlines.

1. SPATIAL REFERENCE OF THE DATASET –
 - Nad1983 State Plane Arizona Central 0202 Feet Intl.
2. XY DOMAIN OF THE DATASET – This is the maximum area that the geometric features will cover.
 - MinX=-17,746,700.00
 - MaxX=2,955,100,119,028.67
 - MinY=-44,067,300.00
 - MaxY=2,955,073,798,428.67
3. XY TOLERANCE OF THE DATASET – Minimum distance between coordinate before they are considered equal
 - 0.00328083989501312 foot
4. Z TOLERANCE OF THE DATASET
 - Not Applicable.
5. M TOLERANCE OF THE DATASET
 - Not Applicable.

DATABASE INSTANCE: **CASA**

FEATURE DATASET NAME: **Transportation**

REPLICATION: **Yes, Casa to Terra One-way**

HOSTED AGOL FEATURE LAYER: **Copy but not editable**

Features defined in this document:

Road Centerlines

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Road Centerlines Field List (Required fields for all data maintainers) | [Back to top of document](#)

Field Name	Alias Name	Type	Length	Precision	Allow Null	Default Value	Domain	Attribute Rule
OBJECTID	OBJECTID	OID	4	10	No	None		
LST_PREDIR	LST_PREDIR	String	2	0	Yes	None	ygAddrDirection	
LST_NAME	LST_NAME	String	75	0	Yes	None		
LST_TYP	LST_TYP	String	4	0	Yes	None		
LST_POSDIR	LST_POSDIR	String	2	0	Yes	None	ygAddrDirection	
LFULLST_NAME	LFULLST_NAME	String	84	0	Yes	None		
LFULLST_ALIAS	LFULLST_ALIAS	String	184	0	Yes	None		
LEGAL_NAME	LEGAL_NAME	String	60	0	Yes	None		
STD_NAME	STD_NAME	String	60	0	Yes	None		STD_NAME
EXTERNALSTREETKEY	EXTERNALSTREETKEY	String	36	0	Yes	YAV0		
CITYCODE	CITYCODE	String	4	0	Yes	YAV		
SEGMENTID	SEGMENTID	Long Integer	4	10	Yes	0		
NGUID	NGUID	String	512	0	Yes	None	NG911Master	
RCL_NGUID	RCL_NGUID	String	254	0	Yes	None		RCL_NGUID
CNTYROADNUM	CNTYROADNUM	Small Integer	2	5	Yes	0		
SHARE_PUBLIC	SHARE_PUBLIC	String	4	0	Yes	YES	ygRCLSharePublic	
ST_OWNER	ST_OWNER	Small Integer	2	5	Yes	None	ygRCLStOwner	
ST_SURFACE	ST_SURFACE	Small Integer	2	5	Yes	0	ygRCLStSurface	
FUNC_CLASS	FUNC_CLASS	Small Integer	2	5	Yes	7	ygRCLFuncClasses	
ROADCLASS	ROADCLASS	String	24	0	Yes	None	ygRCLRoadClasses	
ST_PREMOD	ST_PREMOD	String	15	0	Yes	None		
ST_PREDIR	ST_PREDIR	String	10	0	Yes	None		
ST_PRETYP	ST_PRETYP	String	50	0	Yes	None		
ST_PRESEP	ST_PRESEP	String	20	0	Yes	None		
ST_NAME	ST_NAME	String	254	0	Yes	None		
ST_POSTYP	ST_POSTYP	String	50	0	Yes	None		
ST_POSDIR	ST_POSDIR	String	10	0	Yes	None		
ST_POSMOD	ST_POSMOD	String	25	0	Yes	None		
FROMADDR_L	FROMADDR_L	Long	6	10	Yes	None		
TOADDR_L	TOADDR_L	Long	6	10	Yes	None		
FROMADDR_R	FROMADDR_R	Long	6	10	Yes	None		
TOADDR_R	TOADDR_R	Long	6	10	Yes	None		
PARITY_L	PARITY_L	String	1	0	Yes	None	ygRCLParity	Left & Right Parity
PARITY_R	PARITY_R	String	1	0	Yes	None	ygRCLParity	Left & Right Parity

Commented [AP1]: In the Road Centerlines Editable attribute table Fields view and the Excel schema report, there is no default value specified for this field. Please review and decide what you want.

Commented [BB2R1]: I have updated the feature class default value for FUNC_CLASS = 7 (Local Road)

Commented [AP3]: The domain specified here differs from the one specified in the FUNC_CLASS field description (below). In the Excel schema report, there are three distinct domains with "FuncClass" or "FuncntClass" in their names. Please review them all and decide which domain applies here, in the field description, and in the Road Centerlines Editable attribute table (Fields view).

Commented [BB4R3]: All domains for this new feature class should start with ygRCL when I changed them. Older domains were left in the database until we could archive the old street feature class.

Commented [AP5]: The length value entered for this field varies across this table, the Excel schema report, and the Road Centerlines Editable attribute table (Fields view, Length field). Here, it's 6. In the schema report, it's 4. In the RCE attribute table (Fields view, Length field), there is no value entered. Please decide what you want, standardize across the sources, and update the field description (below).

Commented [BB6R5]: Based on NENA GIS Data Model, STA-006.2a-2022, the address range should be 6 characters long. Because ESRI Long field types do not show a length, but the output schema report shows a different value, it would appear to be an error but could it be an issue with a File Geodatabases verse Enterprise Geodatabase?

Commented [AP7]: The length value entered for this field varies across this table, the Excel schema report, and the Road Centerlines Editable attribute table (Fields view, Length field). Here, it's 6. In the schema report, it's 4. In the RCE attribute table (Fields view, Length field), there is no value entered. Please decide what you want, standardize across the sources, and update the field description (below).

Commented [BB8R7]: I think this is a limitation between what ESRI field types provide and what NENA standards do not align. There is no way to create a LONG field type [... [1]

Commented [AP9]: The length value entered for this field varies across this table, the Excel schema report, and the Road Centerlines Editable attribute table (Fields view, Length field). Here, it's 6. In the schema report, it's 4. I [... [2]

Commented [BB10R9]: I think this is a limitation between what ESRI field types provide and what NENA standards do not align. There is no way to create a LONG field type [... [3]

Commented [AP11]: The length value entered for this field varies across this table, the Excel schema report, and the Road Centerlines Editable attribute table (Fields view, Length field). Here, it's 6. In the schema report, it's 4. I [... [4]

Commented [BB12R11]: I think this is a limitation between what ESRI field types provide and what NENA standards do not align. There is no way to create a LONG field type [... [5]

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Field Name	Alias Name	Type	Length	Precision	Allow Null	Default Value	Domain	Attribute Rule
INCMUNI_L	INCMUNI_L	String	100	0	Yes	None		
INCMUNI_R	INCMUNI_R	String	100	0	Yes	None		
POSTCODE_L	POSTCODE_L	String	7	0	Yes	None		Left & Right Postal Code
POSTCODE_R	POSTCODE_R	String	7	0	Yes	None		Left & Right Postal Code
POSTCOMM_L	POSTCOMM_L	String	40	0	Yes	None		Left & Right Postal Community
POSTCOMM_R	POSTCOMM_R	String	40	0	Yes	None		Left & Right Postal Community
NBRHDCOM_L	NBRHDCOM_L	String	100	0	Yes	None		
NBRHDCOM_R	NBRHDCOM_R	String	100	0	Yes	None		
UNINCCOM_L	UNINCCOM_L	String	100	0	Yes	None		
UNINCCOM_R	UNINCCOM_R	String	100	0	Yes	None		
COUNTY_L	COUNTY_L	String	100	0	Yes	YAVAPAI COUNTY		
COUNTY_R	COUNTY_R	String	100	0	Yes	YAVAPAI COUNTY		
STATE_L	STATE_L	String	2	0	Yes	AZ		
STATE_R	STATE_R	String	2	0	Yes	AZ		
COUNTRY_L	COUNTRY_L	String	2	0	Yes	US		
COUNTRY_R	COUNTRY_R	String	2	0	Yes	US		
MSAGCOMM_L	MSAGCOMM_L	String	30	0	Yes	None	ygRCLMsagCommunity	Left & Right MSAG
MSAGCOMM_R	MSAGCOMM_R	String	30	0	Yes	None	ygRCLMsagCommunity	Left & Right MSAG
ESN_L	ESN_L	String	5	0	Yes	None	ygRCLESN	Left & Right ESN
ESN_R	ESN_R	String	5	0	Yes	None	ygRCLESN	Left & Right ESN
VALID_L	VALID_L	String	1	0	Yes	None		Left Valid
VALID_R	VALID_R	String	1	0	Yes	None		Right Valid
ADNUMPRE_L	ADNUMPRE_L	String	15	0	Yes	None		
ADNUMPRE_R	ADNUMPRE_R	String	15	0	Yes	None		
ONEWAY	ONEWAY	String	2	0	Yes	B	ygRCLOneWay	
SPEEDLIMIT	SPEEDLIMIT	Small Integer	3	0	Yes	25		
LRS_FIX	LRS_FIX	String	6	0	Yes	None		
DISCRPAGID	DISCRPAGID	String	100	0	Yes	None		
DATEUPDATE	DATEUPDATE	Date	8	0	Yes	None		
EFFECTIVE	EFFECTIVE	Date	8	0	Yes	None		
EXPIRE	EXPIRE	Date	8	0	Yes	None		
LOCATEINFORMATION	Locate Information	String	400	0	Yes	None		

Commented [AP13]: Why do the domains start with "yg" please?

Commented [BB14R13]: When we look at all the domains in a geodatabase, you can find the Yavapai Government domains (yg).

Commented [AP15]: The Excel schema report and the RCE attribute table (Fields view) indicate the data type for this field is string (text). But here and in the field description, it states "integer" or "small integer." Please review, decide what data type you want, and edit across sources accordingly. Thx.

Commented [AP16]: In the Road Centerlines Editable attribute table (Fields view), there is a default value for this field. However, this same value is not in the Excel schema report, this table, nor the field description (below). Should there be a default value or no? If so, what should it be? In the RCE table, it's "yavapai911.az.gov."

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Field Name	Alias Name	Type	Length	Precision	Allow Null	Default Value	Domain	Attribute Rule
DATASOURCE	DATASOURCE	String	60	0	Yes	None		
EDITCOMMENT	Editcomment	String	200	0	Yes	None		
CREATED_USER	Created_user	String	255	0	Yes	None		
CREATED_DATE	created_date	Date	8	0	Yes	None		
LAST_EDITED_USER	last_edited_user	String	255	0	Yes	None		
LAST_EDITED_DATE	last_edited_date	Date	8	0	Yes	None		
GLOBALID	GlobalID	GlobalID	38	0	No	None		

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FIELD DETAILS

OBJECTID

Type: Esri internal unique, non-null integer using 32-bit value. A system-managed value that uniquely identifies a record or feature. More commonly known as an item ID or OID.

Length: 4

Precision: 10

Alias: OBJECTID

Field name meaning: object identifier (ID)

Description: The object ID is a 32-bit number used to uniquely identify a feature or table row in a geodatabase and across geodatabases. The values are unique to each feature class or table but are not unique to the entire database.

Current valid values: {multiple values too many to list}

Default value: none

Null values allowed? no

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

LST_PREDIR

Type: text

Length: 2

Precision: 0

Alias: LST_PREDIR

Field name meaning: legacy street name pre directional

Description: This field defines the direction the road has been assigned in the County Address/911 office. This field is not part of the legal name but must be added for geocoding. This field was renamed to identify it is the legacy field that is a US Postal Service (USPS) standard, not the Next Generation 911 (NG911) field.

Current valid values: DR, N, S, E, W

Default value: none

Null values allowed? yes

Domain name: ygAddrDirection

Domain values: N, S, E, W

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

LST_NAME

Type: text

Length: 75

Precision: 0

Alias: LST_NAME

Field name meaning: legacy street name

Description: This field is the common street name as it is known to the public. This is only the street name without any street direction or street type. This field was renamed to identify it is the legacy field that is US Postal Standard, not the Next Generation 911 field.

Current valid values: {multiple values too many to list}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

LST_TYP

Type: text

Length: 4

Precision: 0

Alias: LST_TYP

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Commented [AP17]: The possible domain values listed in the schema report don't match all the values listed as options via the Select By Attributes tool for this field in the Road Centerlines Editable feature class.

Commented [BB18R17]: There are Errors in the data. Cannot control this. But we have to write code to find these errors.

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Field name meaning: legacy street name type

Description: This is used to identify the street type abbreviation as defined by the US Postal Service Publication 28. This field was renamed to identify it is the legacy field that is US Postal Standard, not the Next Generation 911 field.

Current valid values: ACCS, ALY, AVE, BLVD, BND, CIR, CNRD, CRDR, CRK, CRST, CT, CUT, CV, CYN, DR, DRAW, DRW, DRWY, EAST, END, FRK, FTRD, FWY, HDWY, HL, HLW, HOLW, HTS, HVN, HWY, JCT, KNL, LN, LOOP, LPRD, LPTR, NOOK, PARK, PASS, PATH, PKWY, PL, PLZ, PT, PWKY, RAMP, RD, RDG, ROW, RST, RUN, SPUR, ST, STAC, TER, TNOT, TRL, TRPK, VIA, VIS, VW, WAY, XING

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

LST_POSDIR

Type: text

Length: 2

Precision: 0

Alias: LST_POSDIR

Field name meaning: legacy street name post directional

Description: This field defines the direction the road has been assigned in the County Address/911 office. This field was renamed to identify it is the legacy field that is US Postal Service (USPS) standard, not the Next Generation 911 (NG911) field.

Current valid values: NB, N, S, SB, E, W

Default value: none

Null values allowed? yes

Domain name: ygAddrDirection

Domain values: N S E W

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

LFULLST_NAME

Type: text

Length: 84

Precision: 0

Alias: LFULLST_NAME

Field name meaning: legacy full street name

Description: This street field is a concatenation of the legacy street common-name fields: {LST_PREDIR + LST_NAME + LST_TYP + LST_POSDIR}. In the Yavapai County ArcGIS Enterprise geodatabase, an attribute rule is applied to automatically calculate the field's value.

Current valid values: {multiple values too many to list all values} (e.g., W Gurley St, E Gurley St)

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

LFULLST_ALIAS

Type: text

Length: 184

Precision: 0

Alias: LFULLST_ALIAS

Field name meaning: legacy full street name alias

Description: An alternate full street name value which may be a multi-modal value such as Sheldon Rd and State Route 89 in Prescott. In certain cases, the value is a locally known name such as Walnut Grove Rd or Wagoner Rd.

Current valid values: {multiple values too many to list all values}

Default value: none

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Commented [AP19]: If there are so many possible values associated with the LST_TYP field, but the values are defined, constrained and not limitless, why don't we have a domain description for this field?

Commented [AP20R19]: I modified the possible values list here to reflect what values are available for selection via Select By Attributes for the LST_TYP field in the Road Centerlines Editable attribute table in Pro.

Commented [BB21R19]: There could always be more values. We did not want to create a domain for all the options originally. We also had different incorporated GIS data with values that did not match Postal Standards. We had planned using the domain from the State. The Master Tables messed things up.... Master tables ugh!

Commented [AP22]: The possible domain values listed in the schema report don't match all the values listed as options via the Select By Attributes tool for this field in the Road Centerlines Editable feature class.

Commented [BB23R22]: I don't know who put in some of those odd directions, we don't have NW, NE, SW, SE that we have ever seen in the County.

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Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

LEGAL_NAME

Type: text

Length: 60

Precision: 0

Alias: LEGAL_NAME

Field name meaning: legal name

Description: This field is a complete legal street name reflecting how the street is referred to in a legal recorded document (e.g., map and plat, land survey, or resolution passed by the Yavapai County Board of Supervisors [BOS]). This field was originally populated using the street name and street type values found in the original Arc/Info Coverage ROADINV which was maintained by the Yavapai County Public Works Department. The values in this field will be different from those in the **Full Street Name (LFullSt_Name)** field when legally the road was recorded with a different spelling or type than what the public commonly uses. This field will be blank if a value was never legally recorded by the county, but it might be a legal street according to a different agency such as the US Forest Service (USFS), an incorporated city or town, or a private development. This field does not meet USPS postal standards.

Current valid values: {multiple values too many to list all values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

STD_NAME

Type: text

Length: 60

Precision: 0

Alias: STD_NAME

Field name meaning: standard name

Description: This field contains a complete standard name which should match the address street name like the legal recorded name but *without* punctuation (e.g., apostrophes, hyphens, periods, slashes, commas). This field is populated using street pre modifier, street pre separator, street pre type, street name, street post type, and street post modifier values. [The values in this field are different from the **Full Street Name (LFullSt_Name)** field values because the values here should not have a pre-directional value.]

Current valid values: {multiple values too many to list all values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: STD_NAME

Requires field data maintainers outside Yavapai County? NO

EXTERNALSTREETKEY

Type: text

Length: 36

Precision: 0

Alias: EXTERNALSTREETKEY

Field name meaning: external street key

Description: This field is for Prescott Regional Dispatch Center's TriTech CAD 911 Records Management Software. This is a combination string field of {CITYCODE + SEGMENTID}. [The city code value in this field should be close to matching both incorporated left/right (INCMUNI_L / INCMUNI_R) values.]

Current valid values: {multiple values too many to list all values}

Default value: YAV0

Null values allowed? yes

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Commented [AP24]: Write out the actual name of the Full Street Name field.

Commented [AP25]: Write out the actual name of the Full Street Name field.

Commented [AP26]: What's the difference b/t a pre modifier and a pre directional? I'm not sure whether this field contains pre-directional values, pre-modifier values, both, or neither.

Commented [AP27]: What do you mean "...this field should be close to matching both..."? Should it match or not?

Commented [BB28R27]: The incorporated GIS does not have a CITYCODE, this is something the County came up with to separate out who was who. The CITYCODE was not standardized between Address data and Road data.

Commented [AP29R27]: This particular comment applies to the EXTERNALSTREETKEY field. I noticed the same language and therefore applied the same question (comment) to the CITYCODE field description, too (below).

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Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

CITYCODE

Type: text

Length: 4

Precision: 0

Alias: CITYCODE

Field name meaning: City Code

Description: This field is for Prescott Regional Dispatch Center's TriTech CAD 911 Records Management Software. The city code value should be close to matching both incorporated left/right (INCMUNI_L / INCMUNI_R) values.

Current valid values: CAV, CHI, CLK, CNF, COC, COT, DH, JER, LAP, MAR, MOH, PNF, PRE, PV, SED, WIC, YAN, YAV

Default value: YAV

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

SEGMENTID

Type: long integer

Precision: 10

Alias: SEGMENTID

Field name meaning: segment identifier

Description: This field contains a unique number for Yavapai County data. (An integer-based field is preferable to a text-based field for assigning and sorting unique numeric values. However, the National Emergency Number Association (NENA) Next Generation 911 database schema recommends a **text** field for segment ID.) It is recommended that whenever a split occurs to a street that changes the spatial extent of a segment that data maintainers assign new ID values to both segments resulting from the split. It would be helpful for other GIS data maintainers to have their own unique IDs for this field. There has been no coordination among Yavapai County area towns and cities for data maintainers to avoid assigning the same numeric values to this field across different incorporated jurisdictions.

One option for Yavapai County data maintainers managing this field is that when you are amalgamating data, combine values from data sources to create a unique key using the data source plus the populated SEGMENTID field values. Another option would be to append a census-designated place code to the unique ID value in this field and store the combined value in a text-based SEGMENTID field.

Current valid values: 1 to 69598

Default value: 0

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

NGUID

Type: text

Length: 512

Precision: 0

Alias: NGUID

Field name meaning: local Yavapai County master table unique identifier

Description: master table unique value which will be a domain of the NG911Master

Current valid values: {multiple values too many to list all values}

Default value: none

Null values allowed? yes

Domain name: NG911Master

Domain values: {multiple values too many to list all values}

Each allowable value is a text description associated with a domain code. See the following examples:

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Commented [AP30]: What do you mean "...this field should be close to matching both...?" Should it match or not?

Commented [BB31R30]: There is NO domain for the CITYCODE, therefore there is no rule that an area must match the values to the Incorporated Municipal values. There is no domain for the INCMUNI field either maybe I should just take the paragraph out.

Commented [AP32]: Consider recommending an exact method which GIS data maintainers should use to populate this field. It should be a method that data maintainers can implement consistently within- and across YC area towns, cities.

Commented [BB33R32]: We do not have the authority to implement any consistent method to each data maintainers.

Commented [AP34R32]: Maybe we should hash this out w/ area towns/cities in an NG911 meeting and establish standards for this field which everyone agrees to? Is this an impossible ideal?

Commented [AP35]: Please review and ensure this conveys what you mean. In addition, please decide whether we need to keep this info. in this field description. I think the field description should contain requirements specifying how data maintainers should populate this field, not suggestions. Suggestions leave the options open-ended and allow data maintainers to populate the field via different methods which can cause problems with the data.

Commented [BB36R35]: Some of this data came from NENA documentation therefore it was a suggestion how to manage the unique id value using census designated place code. I provided because it had some value but I see it would be ok to remove.

Commented [AP37]: What does NGUID stand for?

Commented [AP38]: What do you mean by this? Do you mean to say the NG911Master domain that applies to the NGUID field has the same rules and allows for the same record values as the NGFULLST_NAME field's domain? Something else?

Commented [BB39R38]: This is an old description. There use to be NGFULLST_NAME field but it no longer exists.

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- NGYAV1: HILLTOP ROAD, YAVAPAI UNINCORPORATED
- NGCAV288: WEST DORSET LANE, CAMP VERDE
- NGYAV2731: WEST DOUBLE BAR A RANCH ROAD, YAVAPAI UNINCORPORATED

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

RCL_NGUID

Type: text

Length: 254

Precision: 0

Alias: RCL_NGUID

Field name meaning: road centerline NENA globally unique identifier

Description: This field contains the road centerline (RCL) NENA globally unique ID (NGUID a.k.a. primary key) for each record in a GIS data layer. Each record in the GIS data layer **MUST** have a globally unique ID. When coalescing data from other local 9-1-1 authorities into the Emergency Call Routing Function (ECRF) and Location Validation Function (LVF), this unique ID **MUST** continue to have only one occurrence. Additional details on how to construct the RCL_NGUID can be found in section 3.6 NENA globally unique IDs, (NENA-STA-006.2-2022, Standards for GIS Data Model) (NGUID).

Current valid values: {multiple values too many to list all values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: RCL_NGUID

Requires field data maintainers outside Yavapai County? NO

CNTYROADNUM

Type: short integer

Length: 2

Precision: 5

Alias: CNTYROADNUM

Field name meaning: county road number

Description: This field contains a unique number assigned to one or more county-maintained segments which is used to relate multiple segments together as a specific route using linear referencing. This is the primary field link between road centerlines and the Public Works county-maintained route system. This field was renamed from ROUTEID in the previous field names. Other agencies will not have this field and do not need it.

Current valid values: 0...11306

Default value: 0

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

SHARE_PUBLIC

Type: text

Length: 4

Precision: 0

Alias: SHARE_PUBLIC

Field name meaning: share road segment to public

Description: This field defines a road that may or may not be legally recorded as an easement which may or may not be for public use but has been marked to be shown on public maps. This field is used to mark any street segment to display on any public map. This field also helps us use definition queries to filter out unnamed roads and prevent them from being processed in our data exports for 1Data Gateway. All segments that are a YES (share to public) and NO (do not share to public) are exported to a Next Generation 911 (NG911) NENA-formatted centerline feature class.

Current valid values: YES, NO, SPEC, UNR

Default value: YES = share to public, transfer to NG911

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Commented [AP40]: I edited this text to specify "RCL_NGUID" with related words; your original description refers only to the properties of NGUID which is the same field as the one above. What distinguishes the RCL_NGUID from the NGUID field? Where is the NENA documentation for this field, please?

Commented [BB41R40]: Changed the NGUID field description. The problem is that Andy used the field NGUID which is a field in NENA standards but his field is not a NENA field. More explaining is needed by showing you the EXTERNALSTREETKEY value verses the NGUID value from the master tables.

Commented [BB42R40]: References for ECRF and LVF: [https://kb.nena.org/wiki/ECRF_\(Emergency_Call_Routing_Function\)](https://kb.nena.org/wiki/ECRF_(Emergency_Call_Routing_Function)), [https://kb.nena.org/wiki/LVF_\(Location_Validation_Function\)](https://kb.nena.org/wiki/LVF_(Location_Validation_Function)), https://cdn.ymaws.com/www.nena.org/resource/resmgr/standards/NENA-STA-010.3f-2021_i3_Stan.pdf, https://cdn.ymaws.com/www.nena.org/resource/resmgr/standards/nena-inf-027.1-2018_lvfconsi.pdf, https://cdn.ymaws.com/www.nena.org/resource/resmgr/standards/NENA-INF-028.2-2023_GIS_Data.pdf (page 10, Stewardship of GIS data used by the LVF and ECRF)

Commented [AP43]: I don't have a way of checking whether this is accurate for each field description (i.e., whether this should state YES or NO for requiring external data maintainers). Please review this for every field description and edit accordingly.

Commented [BB44R43]: I have but this if a field is REQUIRED for outside data maintainer's, we don't really have a way to ENFORCE it.

Commented [AP45]: "Text" or "string?" See my related comment above.

Commented [BB46R45]: TEXT is what ESRI uses. Anything with String will be changed to TEXT.

Road Centerlines FINAL Editable Transportation FS Data Dictionary

Null values allowed? yes

Domain name: ygRCLSharePublic

Domain values:

- YES = share to public, transfer to 911 (similar to active = 1)
- NO = do not share to public, do not transfer to 911 (similar to active = 0)
- SPEC = special do not share to public, transfer to 911 (similar to active = 2)
- UNR = unnamed road not for public, do not transfer to 911 (similar to active = 0)

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

ST_OWNER

Type: short integer

Length: 2?

Precision: 5

Alias: ST_OWNER

Field name meaning: street ownership

Description: This field contains information about ownership for road maintenance or ownership of a right-of-way. The values in this field could be simplified more from what the values were before the 2025 Yavapai County road-centerlines schema change but for some Yavapai County functions it is helpful to see specific federal road ownerships separated out of the data. For private easements, the property owners are either responsible for ownership or there is an uncertain ownership status. There may be a rare unknown ownership value which may be in dispute or is unclear.

The roads outside of Yavapai County are included for visual comparison in mapping but can be excluded from the data if needed. This field should not be used for legal purposes because the values are generally assigned by parcel ownership or other data sources which may not be valid or could change over time.

Default value: none

Null values allowed? yes

Domain name: ygRCLStOwner

Domain values:

- 0 = FEDERAL INTERSTATE. Primary roads are limited-access highways that connect to other roads only at interchanges and not at at-grade intersections.
- 1 = FEDERAL HIGHWAY. A federally controlled road with a federal highway number (e.g., US-89 [a.k.a. Hwy 89]).
- 2 = FEDERAL OTHER. A federally controlled road that does NOT have a federal highway number (e.g., not US ###).
- 3 = FOREST SERVICE ROAD. A road that is controlled by a branch of the United States Forest Service (USFS) which may or may not have a USFS road number.
- 4 = BUREAU OF LAND MANAGEMENT. A road that is controlled by the Bureau of Land Management (BLM) which may or may not have a BLM road number.
- 5 = STATE HIGHWAY. A state-controlled road with a state highway number (e.g., AZ-260 [a.k.a. Hwy 260]).
- 6 = STATE OTHER. A state-controlled road that does NOT have a state highway number (e.g., not an exit ramp, but could be a frontage road maintained by the state, or a road in a state park).
- 7 = COUNTY DEDICATED PUBLIC RD. A public road to which the county holds fee title (owns) the rights-of-way and maintains the road.
- 8 = COUNTY PRIVATE. A public road that has been named but is not managed by Yavapai County under any surface maintenance.
- 9 = COUNTY PRIVATE. A documented or undocumented easement on private land which exists on the ground.
- 12 = INCORPORATED CITY/TOWN. A road that falls within an incorporated annexed boundary. This does not mean that the incorporated agency maintains the road surface; it still could be a state highway or a private road.
- 98 = OUTSIDE YAVAPAI COUNTY. Any road that is outside Yavapai County that is NOT a highway (e.g., not state, federal, or interstate) and was included in Yavapai County data for reference only. We do not want this road segment to be passed into the NG911 system but it may appear on a public web application.
- 99 = UNKNOWN

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

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Commented [AP47]: In the Excel schema report for the Road Centerlines Editable feature class, there are two similar domains listed in the Domain sheet: ygRCLSharePublic and ygRCLSharePublic_1. I think ygRCLSharePublic_1 is an older domain b/c it supposedly allows 3 values instead of 4 (the current field description contains 4 values). However, I'm not sure. Please review this and fix the schema, Excel report, and this document where needed.

Commented [AP48R47]: Also, in the Excel schema report's Field sheet and in the Road Centerlines Editable feature class attribute table, this domain isn't listed in the Domain column (field) for SHARE_PUBLIC.

Commented [BB49R47]: Correct, I have fixed this missing domain. It was also not associated in the feature class.

Commented [AP50]: Why are the YES and UNR values both equivalent to active = 1? They don't have the same translated meaning nor the same end result.

Commented [BB51R50]: Changed. The ACTIVE Field translation is subjective based on several field values so it was not a clear translation into this new system and ACTIVE is not included in this data so we just have to use some common sense to manage the SHARE_PUBLIC values.

Commented [AP52]: There is a length of 2 for this field specified in the table at the beginning of this report and in the Excel schema report but not in the Road Centerlines Editable attribute table (Fields view, Length field). Please decide what you want here.

Commented [AP53]: What do you mean "simplified more?"

Commented [BB54R53]: The values from before are simplified into what we choose for the new values. I w... [6]

Commented [AP55]: I reworded what you had written here to be consistent with what I think you mean to sta... [7]

Commented [AP56]: This used to be 99. In the current Road Centerlines Editable attribute table and Excel sch... [8]

Commented [AP57]: This used to be a value for PRIVATE but is now different. Please describe accordingly.

Commented [BB58R57]: fixed

Commented [AP59]: I edited and updated all allowed values (number, text equivalency) and value descriptio... [9]

Commented [BB60R59]: I have cleaned up the domain values to match the information in the database domain.

Commented [AP61R59]: Where do you get the domain value descriptions for this field from? They're not in t... [10]

Commented [AP62R59]: We require a description for 0 = Federal Interstate.

Commented [BB63R59]: Primary roads are limited-access highways that connect to other roads only at ... [11]

Commented [AP64R59]: Do you want to add a description for 99 = UNKNOWN? It may be obvious ... [12]

Road Centerlines FINAL Editable Transportation FS Data Dictionary

ST_SURFACE

Type: short integer

Precision: 5

Alias: ST_SURFACE

Field name meaning: street surface treatment type

Description: This field identifies streets by the surface treatment type. This field may not always be up to date.

Current field values: 0, 1, 2, 3, 4, 5

Default value: none

Null values allowed? yes

Domain name: ygRCLStSurface

Domain values:

- 0 = PAVED. A hard-topped road (e.g., asphalt or concrete).
- 1 = IMPROVED UNPAVED. A graded road with improved surface (e.g., abs, gravel, chipseal over dirt).
- 2 = UNIMPROVED UNPAVED. An un-graded road without an improved surface (usually called a dirt road).
- 3 = UNDEFINED. The surface type is not known; it is unclear or it has not been evaluated.
- 4 = CURRENTLY UNKNOWN. A road with a surface which is not known, and which requires an update with verification.
- 5 = NOT CONSTRUCTED. A planned road that has not been constructed (e.g., not built).

Attribute rule: N/A

Required field data maintainers outside the County? Optional, if you can that would be great.

FUNC_CLASS

Type: short integer

Precision: 5

Alias: FUNC_CLASS

Field name meaning: Federal Highway Administration (FHWA) functional class

Description: This field should match Federal Highway Administration functional class values (e.g., interstate, other freeways or express ways, principal arterials, minor arterials, major collectors, minor collectors, and local). Yavapai County data maintainers added this field to meet Highway Performance Monitoring System (HPMS) standards, but this field is not used for compatibility with the NENA GIS Data Model (NENA-STA-006) field schema.

Current field values: 1, 2, 3, 4, 5, 6, 7, 8

Default value: none

Null values allowed? yes

Domain name: ygFuncClass

Domain values:

- 1 = INTERSTATE
- 2 = OTHER FREEWAYS OR EXPRESSWAYS
- 3 = OTHER PRINCIPAL ARTERIAL
- 4 = MINOR ARTERIAL
- 5 = MAJOR COLLECTOR
- 6 = MINOR COLLECTOR
- 7 = LOCAL ROAD
- 8 = NOT DEFINED

Source: http://www.fhwa.dot.gov/planning/processes/statewide/related/highway_functional_classifications/section00.cfm

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

ROADCLASS

Type: text

Length: 24

Precision: 0

Alias: ROADCLASS

Field name meaning: census NENA functional class

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Commented [AP65]: What exactly do you mean to convey here?

Commented [BB66R65]: I wonder if I copied it from some other data dictionary. It does not make sense to me either.

Commented [AP67]: The default value here was listed as 3 but in the Road Centerlines Editable attribute table and the Excel schema report, there is no default value specified.

Commented [BB68R67]: No default value for this field.

Commented [AP69]: Add domain value description here.

Commented [BB70R69]: done

Commented [AP71]: There is no length specified for this field in the Road Centerlines Editable attribute table Fields view (Length field).

Commented [AP72]: In the Road Centerlines Editable attribute table (Fields view) and the Excel schema report, there is no default value specified for this field. However, there is in the table at the top of this report. Please review and decide what you want.

Commented [AP73]: See my comment in the table (above) about the domains in the Excel schema report for the FUNC_CLASS field. I think you probably want the ygRCLFuncClass domain here but I'm not sure.

Commented [AP74]: Do you want "text" or "string" here? See my related comments on this topic elsewhere in this document.

Commented [BB75R74]: Text

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Description: The MAF/TIGER Feature Class Code (MTFCC) is a five-digit code assigned by the US Census Bureau used to classify and describe geographic objects or features. This aligns to the NENA GIS Data Model (NENA-STA-006) field ROADCLASS which is post-processed using a Yavapai Python script to match the NENA schema. This functional class is used in NENA 911 guidelines.

Current values: S1100, S1200, S1400, S1500, S1630, S1640, S1710, S1720, S1730, S1740, S1780, S1820, S1830

Default value: none

Null values allowed? yes

Domain name: ygRCLRoadClass

Domain values:

- S1100. Primary
- S1200. Secondary
- S1400. Local
- S1500. Vehicular trail
- S1630. Ramp
- S1640. Service drive
- S1710. Walkway/pedestrian trail
- S1720. Stairway
- S1730. Alley
- S1740. Private
- S1780. Parking lot
- S1820. Bike path or trail
- S1830. Bridle path

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

ST_PREMOD

Type: text

Length: 15

Precision: 0

Alias: ST_PREMOD

Field name meaning: street name pre modifier

Description: The street name pre modifier is a word or phrase in a complete street name that

- precedes and modifies the street name but is separated from it by a street name pre type or a street and pre directional or both, or
- is placed outside the street name so that the street name can be used in creating a sorted (alphabetical or alphanumeric) list of street names.

For example, for the road name Old School Rd, the word Old is a pre modifier. Other examples of pre modifier are: 'The', 'Alternate', 'Bypass', and 'Old'. This field derives from the National Emergency Number Association (NENA) Next Generation 911 (NG911) database schema. When processing the county-wide NENA formatted centerlines, data maintainers will remove this field from the editable data and add it back in using the YC master tables.

Current field values: {blank}, EAST, EL, OLD, WEST

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_PREDIR

Type: text

Length: 10

Precision: 0

Alias: ST_PREDIR

Field name meaning: street name pre directional

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Commented [AP76]: In the Excel schema report Domain sheet, there are several domains which appear to be related to the ROADCLASS field: ygRCLRoadClass, ygRCLRoadClassNG911, and MTFCC_CODE,. Are these all in use?

Commented [BB77R76]: only ygRCLRoadCenterline is left in the Casa Enterprise Geodatabase now. Had to wait to delete the old editable Street centerlines before we could delete the old domains.

Commented [AP78]: Is this accurate?

Commented [BB79R78]: If it was up to me, it would not be done this way. This is why I wanted the GIS road centerlines separated from the Master tables. I don't want to rely on another database to function to have good GIS road centerline data.

Commented [AP80]: In the Road Centerlines Editable attribute table, these are the only values I see available as selectable options for this field. Is this the whole range of values you expect in the table? Given what you have written in the field description, I would expect there to be more value choices.

Commented [BB81R80]: Yes, there should be a lot more, the values in the dictionary should only be an example subset for every field. I don't really want to rename the header from Current field values to A subset of field values then having to explain what subset or how it was formed.

Commented [AP82R80]: So, I don't see any more values than what I listed here available in the Road Centerlines Editable attribute table for this field. If you expect there to be more available, the RCE feature class requires editing.

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Description: A word preceding the street name that indicates the direction of the road from an arbitrary starting point or line or the sector where it is located. Data maintainers derived this field from the National Emergency Number

Association (NENA) Next Generation 911 (NG911) database schema.

Current valid values: {blank}, EAST, NORTH, SOUTH, WEST

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_PRETYP

Type: text

Length: 50

Precision: 0

Alias: ST_PRETYP

Field name meaning: street name pre type

Description: A word or phrase that follows the street name and identifies a type of thoroughfare in a complete street name. Data maintainers derived this field from the National Emergency Number Association (NENA) Next Generation 911 (NG911) database schema. For more details, please see the CLDXF Standard, NENA-STA-004 [4].

Current valid values: {blank}, AVENIDA, CALLE, CALLE TAZA, CAMINO, CANYON, CASA, CORTE, COUNTY ROAD, HIGHWAY, MOUNTAIN, OLD HIGHWAY, ORO, PASEO, RANCH, RANCHO, RIO, ROAD, RUE, STATE HIGHWAY, STATE ROUTE, UNITED STATES FOREST SERVICE ROAD, UNITED STATES HIGHWAY, VALLE, VIA, VISTA

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_PRESEP

Type: text

Length: 20

Precision: 0

Alias: ST_PRESEP

Field name meaning: street name pre separator

Field Description: A preposition or prepositional phrase between the street name pre type and the street name. This element is defined in the CLDXF Standard NENA-STA-004 [4] as a US-specific extension of PIDF-LO per RFC 6848 [7]. Data maintainers derived this field from the National Emergency Number Association (NENA) Next Generation 911 (NG911) database schema. Examples of pre separator are: 'of the', 'de las', 'in the', 'at the' (e.g., Avenue of the Americas, Alameda de las Pulgas, Rue des Etoiles). Such naming constructions are rare in English.

Current field values: {blank}, BELLA, DE, DE LA, DEL, EL, TRES

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_NAME

Type: text

Length: 254

Precision: 0

Alias: ST_NAME

Field name meaning: street name

Description: This field contains the official name of a road usually defined by the lowest jurisdictional authority (e.g., city). The street name does not include any street types, directionals, or modifiers. **This element is a conditional element**

Commented [AP83]: In the Road Centerlines Editable attribute table, these are the only values I see available as selectable options for this field. Is this the whole range of values you expect in the table? Is "9246J" supposed to be there? Given what you have written in the field description, I would expect there to be more value choices and no "9246J."

Commented [BB84R83]: 9246J is an error. This is a Forest Service Road and no other forest service road has this a ST_PRESEP value.

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(feature or field) Data maintainers derived this field from the National Emergency Number Association (NENA) Next Generation 911 (NG911) database schema. For more details, please see the CLDXF Standard, NENA-STA-004.

Current valid values: {multiple values too many to list all values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_POSTYP

Type: text

Length: 50

Precision: 0

Alias: ST_POSTYP

Field name meaning: street name post type

Description: The values in this field are a word or phrase that follows the street name and identifies a type of thoroughfare in a complete street name. Data maintainers derived this field from the National Emergency Number Association (NENA) Next Generation 911 (NG911) database schema. When processing the county-wide NENA formatted centerlines, data maintainers remove this field from the editable data and add it back in later using the YC master tables.

Current field values: {blank}, ACCESS ROAD, ALLEY, AVENUE, BEND, BOULEVARD, BROOK, CANYON, CIRCLE, CIRCLE DRIVE, CLIFF, CONNECTOR ROAD, CORNER, COURT, COVE, CREEK, CRESCENT, CREST, CROSSING, CUTOFF, DRAW, DRIVE, DRIVEWAY, END, EXTENSION, FORK, FREEWAY, FRONTAGE ROAD, GLEN, HAVEN, HEIGHTS, HIDEAWAY, HIGHWAY, HILL, HOLLOW, JUNCTION, KNOLL, LANE, LOOP, LOOP ROAD, LOOP TRAIL, MEADOW, NOOK, PARK ... {many more values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_POSDIR

Type: text

Length: 10

Precision: 0

Alias: ST_POSDIR

Field name meaning: street name post directional

Description: An abbreviation following the Alias Legacy Street Name element that indicates the direction taken by the road from an arbitrary starting point or line, or the sector where it is located

Current field values: {blank}, EAST, NB, NORTH, SB, SOUTH, WEST

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

ST_POSMOD

Type: text

Length: 25

Precision: 0

Alias: ST_POSMOD

Field name meaning: street name post modifier

Description: The street name post modifier is a word or phrase in a complete street name that follows and modifies the street name. Examples of post modifier are: 'Extended', 'Extension', 'Access Road', and 'Westbound.' Data maintainers derived this field from the National Emergency Number Association (NENA) Next

Commented [AP85]: What do you mean by "element" and what do you mean in stating this is a "conditional element?"

Commented [BB86R85]: This is a copy from NENA documentation. An element is something that would be a feature or a field to NENA.

Commented [AP87]: I separated this text out from the original field description. As far as I can tell, we don't need this content in here. But maybe you have some reason for including this info. in the first place?

Commented [BB88R87]: This information was copied from NENA documentation.

Commented [AP89R87]: Okay, but why include this extra info. here w/ this particular field description? I'm confused b/c LST_TYP refers to something distinct from ST_POSTYP, correct? We have legacy fields described near the beginning of this document.

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Generation 911 (NG911) database schema. When processing the county-wide NENA formatted centerlines, data maintainers remove this field from the editable data and add it back in later using the YC master tables.
Current field values: {blank}, EASTBOUND, NORTHBOUND, SLIP, SOUTHBOUND, SPUR, WESTBOUND
Default value: none
Null values allowed? yes
Domain name: N/A
Attribute rule: N/A
Requires field data maintainers outside Yavapai County? NO

FROMADDR_L

Type: long integer
Length: 6
Precision: 10
Alias: FROMADDR_L
Field name meaning: left FROM address

Description: This field defines the **starting** left-side address range along a street segment. The values in the range are potential address values in a chain of street segments. These values are not limited to only current address values on the segment and the street segments either before or after. Data maintainers must not create or leave gaps in the values for this field from one starting range to the end range of the connecting street segment. The direction of the street is defined by the direction in which the address ranges increase. This field aligns with the NENA GIS Data Model (NENA-STA-006). This is a required field for the AZ State 9-1-1 change detection process.

Current field values: 0 to 67602
Default value: 0

Null values allowed? yes
Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

TOADDR_L

Type: long integer
Length: 6
Precision: 10
Alias: TOADDR_L

Field name meaning: left TO address

Description: This field defines the **ending** left-side address range along a street segment. The values in the range are potential address values in a chain of street segments. These values are not limited to only current address values on the segment and the street segments either before or after. Data maintainers must not create or leave gaps in the values for this field from one starting range to the end range of the connecting street segment. The direction of the street is defined by the direction in which the address ranges increase. This field aligns with the NENA GIS Data Model (NENA-STA-006). This is a required field for the AZ State 9-1-1 change detection process.

Current field values: 0 to 90100

Default value: 0
Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

FROMADDR_R

Type: long integer
Length: 6
Precision: 10
Alias: FROMADDR_R

Field name meaning: right FROM address

Description: This field defines the **starting** right-side address range along a street segment. The values in the range are potential address values in a chain of street segments. These values are not limited to only current address values on the segment and the street segments either before or after. Data maintainers must not create or leave gaps in the values for

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Commented [AP90]: See my comment for this field in the table above re: the length values.

Commented [BB91R90]: When my computer froze up, I was in the middle of replacing Length with Precision. so both fields were left.

Commented [AP92]: See my comment for this field in the table above re: the length values.

Commented [BB93R92]: I think that there is a error in the data. We will need to review the schema.

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this field from one starting range to the end range of the connecting street segment. The direction of the street is defined by the direction in which the address ranges increase. This field aligns with the NENA GIS Data Model (NENA-STA-006). This is a required field for the AZ State 9-1-1 change detection process.

Current field values: 0 to 67601

Field default value: 0

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

TOADDR_R

Type: long integer

Length: 6

Precision: 10

Alias: TOADDR_R

Field name meaning: right TO address

Description: This field defines the **ending** right-side address range along a street segment. The values in the range are potential address values in a chain of street segments. These values are not limited to only current address values on the segment and the street segments either before or after. Data maintainers must not create or leave gaps in the values for this field from one starting range to the end range of the connecting street segment. The direction of the street is defined by the direction in which the address ranges increase. This field aligns with the NENA GIS Data Model (NENA-STA-006). This is a required field for the AZ State 9-1-1 change detection process.

Current field values: 0 to 68101

Field default value: 0

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

PARITY_L

Type: text

Length: 1

Precision: 0

Alias: PARITY_L

Field name meaning: parity left

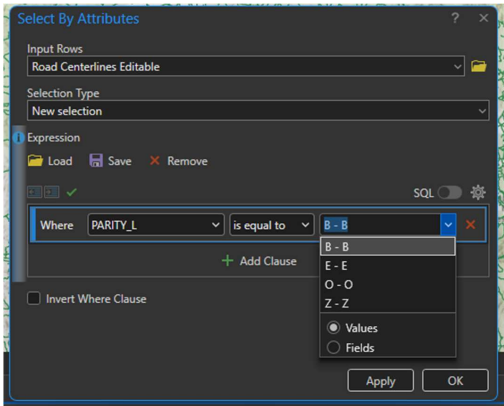
Description: This field describes numerical address-range parity for street address ranges on the left side of a street. Valid entries for this field are EVEN (E), ODD (O), BOTH (B), or ZERO (Z) (if the address range is 0 to 0). This field is an addition to the SIDE field used in other systems. Data maintainers use this field in the All Roads Network of Linear Referenced Data (ARNOLD) for the State of AZ. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.

Commented [AP94]: See my comment for this field in the table above re: the length values.

Commented [BB95R94]: I think that there is a error in the data. We will need to review the schema.

Road Centerlines FINAL Editable Transportation FS Data Dictionary

Current field values: E, O, B, Z



Default value: none
Null values allowed? yes
Domain name: ygRCLParity
Attribute rule: Left & Right Parity
Requires field data maintainers outside Yavapai County? YES

PARITY_R

Type: text
Length: 1
Precision: 0
Alias: PARITY_R
Field name meaning: parity right
Description: This field describes numerical address-range parity for street address ranges on the right side of a street. Valid entries for this field are EVEN (E), ODD (O), BOTH (B), or ZERO (Z) (if the address range is 0 to 0). This field is an addition to the SIDE field used in other systems. Data maintainers use this field in the All Roads Network of Linear Referenced Data (ARNOLD) for the State of AZ. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.
Current field values: E, O, B, Z
Default value: none
Null values allowed? yes
Domain name: ygRCLParity
Attribute rule: Left & Right Parity
Requires field data maintainers outside Yavapai County? YES

INCMUNI_L

Type: text
Length: 100
Precision: 0
Alias: INCMUNI_L
Field name meaning: incorporated municipality left
Description: This field contains names of incorporated communities where a street is located and included in the community on the left side of the street. Per Federal Geographic Data Committee (FGDC) standards, data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.

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Commented [AP96]: In the Road Centerlines Editable attribute table Select By Attributes tool, the values for this field are listed as "B - B," "O - O," "E - E," and "Z - Z." Why? Using these values in the tool filters the field to the right parity value (e.g., B, O, E, or Z) but why are they listed like this? I think it can confuse end users. See screenshot I added to the field description (and pls delete when done with it).

Commented [AP97]: The prior description didn't specify what the "L" in "INCMUNI_L" refers to so I edited this. Please review and ensure what I wrote is accurate.

Commented [BB98R97]: I think it always is unclear but I don't want to create a document that is so long that someone does not have to understand the system, they should use the County data dictionary for reference after having some understanding of the system.

Road Centerlines FINAL Editable Transportation FS Data Dictionary

Current field values: CAMP VERDE, CHINO VALLEY, CLARKDALE, CORNVILLE, COTTONWOOD, DEWEY HUMBOLDT, DEWEY-HUMBOLDT, JEROME, PEORIA, PRESCOTT, PRESCOTT VALLEY, SEDONA, UNINCORPORATED, WICKENBURG, YAVAPAI APACHE NATION

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

INCMUNI_R

Type: text

Length: 100

Precision: 0

Alias: INCMUNI_R

Field name meaning: incorporated municipality right

Description: This field contains names of incorporated communities where a street is located and included in the community on the right side of the street. Per Federal Geographic Data Committee (FGDC) standards, data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.

Current field values: CAMP VERDE, CHINO VALLEY, CLARKDALE, CORNVILLE, COTTONWOOD, DEWEY HUMBOLDT, DEWEY-HUMBOLDT, JEROME, PEORIA, PRESCOTT, PRESCOTT VALLEY, SEDONA, UNINCORPORATED, WICKENBURG, YAVAPAI APACHE NATION

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

POSTCODE_L

Type: text

Length: 7

Precision: 0

Alias: POSTCODE_L

Field name meaning: postal code left

Description: This is the "best guess" zip code value applicable to the left side of a road where the center of a street segment is located. Because much of Yavapai County is rural, the US Postal Service (USPS) has not officially defined zip code boundaries for the county. Yavapai County GIS has a zip code polygon feature you can use for assistance in identifying a "best guess" zip code for a street segment. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: 85262, 85324, 85332, 85342, 85362, 85390, 86001, 86004, 86005, 86017, 86018, 86024, 86046, 86301, 86303, 86305, 86313, 86314, 86315, 86320, 86321, 86322, 86323, 86324, 86325, 86326, 86327, 86329, 86331, 86332, 86333, 86334, 86335, 86336, 86337, 86338, 86343, 86351, 86406

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: Left & Right Postal Code

Requires field data maintainers outside Yavapai County? YES

POSTCODE_R

Type: text

Length: 7

Precision: 0

Alias: POSTCODE_R

Field name meaning: postal code right

Commented [AP99]: This reflects ALL current values available for this field in the Road Centerlines Editable attribute table. Please review and ensure these are what you expect.

Commented [BB100R99]: I changed UNKNOWN to UNINCORPORATED

Commented [AP101]: The prior description didn't specify what the "R" in "INCMUNI_R" refers to so I edited this. Please review and ensure what I wrote is accurate.

Commented [BB102R101]: I think it always is unclear but I don't want to create a document that is so long that someone does not have to understand the system, they should use the County data dictionary for reference after having some understanding of the system.

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Description: This is the “best guess” zip code value applicable to the right side of a road where the center of a street segment is located. Because much of Yavapai County is rural, the US Postal Service (USPS) has not officially defined zip code boundaries for the county. Yavapai County GIS has a zip code polygon feature you can use for assistance in identifying a “best guess” zip code for a street segment. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: 85262, 85324, 85332, 85342, 85362, 85390, 86001, 86004, 86005, 86017, 86018, 86024, 86046, 86301, 86303, 86305, 86313, 86314, 86315, 86320, 86321, 86322, 86323, 86324, 86325, 86326, 86327, 86329, 86331, 86332, 86333, 86334, 86335, 86336, 86337, 86338, 86343, 86351, 86406

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: Left & Right Postal Code

Requires field data maintainers outside Yavapai County? YES

POSTCOMM_L

Type: text

Length: 40

Precision: 0

Alias: POSTCOMM_L

Field name meaning: postal community left

Description: This field contains the postal community name for the left side of a street segment where mail is delivered.

The data is populated from the Yavapai County zip code polygon feature class which does not exactly match the USPS zip code data. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: AGUILA, ASH FORK, BAGDAD, BLACK CANYON CITY, CAMP VERDE, CHINO VALLEY, CLARKDALE, CLEATOR, CONGRESS, CORDES LAKES, CORNVILLE, COTTONWOOD, CROWN KING, DEWEY, FLAGSTAFF, GROOM CREEK, HAPPY JACK, HIGHLAND PINES, HILLSIDE, HUMBOLDT, JEROME, KINGMAN, KIRKLAND, LAKE HAVASU CITY, LAKE MONTEZUMA, MAYER, MCGUIREVILLE, MORRISTOWN, OUT OF COUNTY, PAULDEN, PEACH SPRINGS, PEEPLES VALLEY, PEORIA, PINEWOOD, PRESCOTT, PRESCOTT VALLEY, RIMROCK, SALOME, SCOTTSDALE, SEDONA, SELIGMAN, SKULL VALLEY, UNKNOWN, WICKENBURG, WIKIEUP, WILHOIT, WILLIAMS, YARNELL

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: Left & Right Postal Community

Requires field data maintainers outside Yavapai County? YES

POSTCOMM_R

Type: text

Field Length: 40

Precision: 0

Alias: POSTCOMM_R

Field name meaning: postal community right

Description: This field contains the postal community name for the right side of a street segment where mail is delivered.

The data is populated from the Yavapai County zip code polygon feature class which does not exactly match the USPS zip code data. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: AGUILA, ASH FORK, BAGDAD, BLACK CANYON CITY, CAMP VERDE, CHINO VALLEY, CLARKDALE, CLEATOR, CONGRESS, CORDES LAKES, CORNVILLE, COTTONWOOD, CROWN KING, DEWEY, FLAGSTAFF, GROOM CREEK, HAPPY JACK, HIGHLAND PINES, HILLSIDE, HUMBOLDT, JEROME, KINGMAN, KIRKLAND, LAKE HAVASU CITY, LAKE MONTEZUMA, MAYER, MCGUIREVILLE, MORRISTOWN, OUT OF COUNTY, PAULDEN, PEACH SPRINGS, PEEPLES VALLEY, PEORIA, PINEWOOD, PRESCOTT, PRESCOTT VALLEY, RIMROCK, SALOME, SCOTTSDALE, SEDONA, SELIGMAN, SKULL VALLEY, UNKNOWN, WICKENBURG, WIKIEUP, WILHOIT, WILLIAMS, YARNELL

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: Left & Right Postal Community

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Road Centerlines FINAL Editable Transportation FS Data Dictionary

Requires field data maintainers outside Yavapai County? YES

NBRHDCOM_L

Type: text

Length: 100

Precision: 0

Alias: NBRHDCOM_L

Field name meaning: neighborhood community left

Description: This field contains the neighborhood community name for the left side of a road segment. This field allows for multiple types of community identifications such as census-designated places, unincorporated areas, neighborhoods, and/or subdivisions. Neighborhoods should not overlap. Legitimate gaps are permissive. This field is intended for use in the National Emergency Number Association (NENA) Next Generation 911 database schema. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: {multiple values, too many to list}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

NBRHDCOM_R

Type: text

Length: 100

Precision: 0

Alias: NBRHDCOM_R

Field name meaning: neighborhood community right

Description: This field contains the neighborhood community name for the right side of a road segment. This field allows for multiple types of community identifications such as census-designated places, unincorporated areas, neighborhoods, and/or subdivisions. Neighborhoods should not overlap. Legitimate gaps are permissive. This field is intended for use in the National Emergency Number Association (NENA) Next Generation 911 database schema. This field spelling and field type align with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: {multiple values, too many to list}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

UNINCCOM_L

Type: text

Length: 100

Precision: 0

Alias: UNINCCOM_L

Field name meaning: unincorporated community left

Description: This field contains the unincorporated community name for the left side of a road segment. Valid values include names of unincorporated communities with the relevant street segment inside them. Per Federal Geographic Data Committee (FGDC) standards, data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values. This field spelling, type, and length align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.

Current field values: ASH FORK, COCONINO COUNTY, DEWEY-HUMBOLDT, DRAKE, LA PAZ COUNTY, LAKE MONTEZUMA, MOHAVE COUNTY, NATIONAL FOREST, PRESCOTT NATIONAL FOREST, TONTO NATIONAL FOREST, WILLIAMSON VALLEY, Yavapai

Default value: none

Null values allowed? yes

Domain name: ygUnIncMuni

Commented [AP103]: This list contains all current values available for selection in the Road Centerlines Editable attribute table. I don't think this list makes sense. Please review and edit as needed.

Commented [AP104]: There is no domain listed for this field in the table at the top of this document, the RCE attribute table (Fields view), or the Excel schema report. Why is there a domain listed here? Please review and decide whether a domain applies to this field.

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Road Centerlines FINAL Editable Transportation FS Data Dictionary

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

UNINCCOM_R

Type: text

Length: 100

Precision: 0

Alias: UNINCCOM_R

Field name meaning: unincorporated community right

Description: This field contains the unincorporated community name for the right side of a road segment. Valid values include names of unincorporated communities with the relevant street segment inside them. Per Federal Geographic Data Committee (FGDC) standards, data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values. This field spelling, type, and length align with the NENA GIS Data Model (NENA-STA-006) schema. This is a required field for the AZ State 9-1-1 change detection process.

Current field values: COCONINO COUNTY, DEWEY-HUMBOLDT, DRAKE, LA PAZ COUNTY, LAKE MONTEZUMA, MOHAVE COUNTY, NATIONAL FOREST, PRESCOTT NATIONAL FOREST, TONTO NATIONAL FOREST, VERDE VILLAGE, WILLIAMSON VALLEY, Yavapai

Default value: none

Null values allowed? yes

Domain name: ygUnIncMuni

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

COUNTY_L

Type: text

Length: 100

Precision: 0

Alias: COUNTY_L

Field name meaning: county left

Description: This field contains the county name for the left side of a road segment inside it. This is a NENA field required for AZ State 1Spatial Validation.

Current field values: COCONINO COUNTY, LA PAZ COUNTY, MARICOPA COUNTY, MOHAVE COUNTY, YAVAPAI COUNTY

Default value: YAVAPAI COUNTY

Null values allowed? yes

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

COUNTY_R

Type: text

Length: 100

Precision: 0

Alias: COUNTY_R

Field name meaning: county right

Description: This field contains the county name for the right side of a road segment inside it. This is a NENA field required for AZ State 1Spatial Validation.

Current field values: COCONINO COUNTY, LA PAZ COUNTY, MARICOPA COUNTY, MOHAVE COUNTY, YAVAPAI COUNTY

Default value: YAVAPAI COUNTY

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

Commented [AP105]: This list contains all current values available for selection in the Road Centerlines Editable attribute table. I don't think this list makes sense. Please review and edit as needed.

Commented [AP106]: There is no domain listed for this field in the table at the top of this document, the RCE attribute table (Fields view), or the Excel schema report. Why is there a domain listed here? Please review and decide whether a domain applies to this field.

Road Centerlines FINAL Editable Transportation FS Data Dictionary

STATE_L

Type: text

Length: 2

Precision: 0

Alias: STATE_L

Field name meaning: state or equivalent left

Description: This field contains the state name for the left side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation.

Current field values: AZ

Default value: AZ

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

STATE_R

Type: text

Length: 2

Precision: 0

Alias: STATE_R

Field name meaning: state or equivalent right

Description: This field contains the state name for the right side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation.

Current field values: AZ

Default value: AZ

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

COUNTRY_L

Type: text

Length: 2

Precision: 0

Alias: COUNTRY_L

Field name meaning: country or equivalent left

Description: This field contains the country name for the left side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation.

Current field values: US

Default value: US

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

COUNTRY_R

Type: text

Length: 2

Precision: 0

Alias: COUNTRY_R

Field name meaning: country or equivalent right

Description: This field contains the country name for the right side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation.

Current field values: US

Default value: US

Null values allowed? yes

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Road Centerlines FINAL Editable Transportation FS Data Dictionary

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

MSAGCOMM_L

Type: text

Length: 30

Precision: 0

Alias: MSAGCOMM_L

Field name meaning: Master Street Address Guide (MSAG) community name left

Description: This field contains an area defined by the State 911 office as the Master Street Address Guide (MSAG) community name for the left side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation. This field aligns with the NENA GIS Data Model (NENA-STA-006) schema. Data maintainers are uncertain how the community boundaries are defined for any particular area, but the boundaries relate to what community the presiding phone company sets as a name for each address record in the MSAG table. Data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values.

Current field values: AGUILA, ASH FORK, BAGDAD, BLACK CANYON CITY, CAMP VERDE, CASTLE HOT SPRINGS, CHERRY, CHINO VALLEY, CLARKDALE, CLEATOR, COCONINO COUNTY, CONGRESS, CORDES LAKES, CORNVILLE, COTTONWOOD, CROWN KING, DEWEY, DEWEY-HUMBOLDT, GROOM CREEK, HILLSIDE, HUMBOLDT, JEROME, KINGMAN, KIRKLAND, LAKE MONTEZUMA, MARICOPA COUNTY, MAYER, MCGUIREVILLE, OUT OF COUNTY, PAULDEN, PEACH SPRINGS, PEEPLES VALLEY, PINEWOOD, PRESCOTT, PRESCOTT VALLEY, RIMROCK, SEDONA, SELIGMAN, SKULL VALLEY, SPRING VALLEY, STANTON, WALKER, WICKENBURG, WILHOIT, YARNELL, YAVAPAI INDIAN RESERVATION

Default value: none

Null values allowed? yes

Domain name: ygRCLMmsgCommunity

Attribute rule: Left & Right MSAG

Requires field data maintainers outside Yavapai County? Optional, if you can use the County MSAG Community polygon data hosted in NENA Administrative Boundaries.

https://services1.arcgis.com/BajuNXbtZNiBKfKx/arcgis/rest/services/NENA_Administrative_Boundaries/FeatureServer

MSAGCOMM_R

Type: text

Length: 30

Precision: 0

Alias: MSAGCOMM_R

Field name meaning: Master Street Address Guide (MSAG) community name right

Description: This field contains an area defined by the State 911 office as the Master Street Address Guide (MSAG) community name for the right side of a contained road segment. This is a NENA field required for AZ State 1 Spatial Validation. This field aligns with the NENA GIS Data Model (NENA-STA-006) schema. Data maintainers are uncertain how the community boundaries are defined for any particular area, but the boundaries relate to what community the presiding phone company sets as a name for each address record in the MSAG table. Data maintainers should ensure they populate text-containing fields like this one with values that are fully spelled out to avoid problems with end users trying to understand abbreviated values.

Current field values: AGUILA, ASH FORK, BAGDAD, BLACK CANYON CITY, CAMP VERDE, CASTLE HOT SPRINGS, CHERRY, CHINO VALLEY, CLARKDALE, CLEATOR, COCONINO COUNTY, CONGRESS, CORDES LAKES, CORNVILLE, COTTONWOOD, CROWN KING, DEWEY, DEWEY-HUMBOLDT, GROOM CREEK, HILLSIDE, HUMBOLDT, JEROME, KINGMAN, KIRKLAND, LAKE MONTEZUMA, MARICOPA COUNTY, MAYER, MCGUIREVILLE, OUT OF COUNTY, PAULDEN, PEACH SPRINGS, PEEPLES VALLEY, PINEWOOD, PRESCOTT, PRESCOTT VALLEY, RIMROCK, SEDONA, SELIGMAN, SKULL VALLEY, SPRING VALLEY, STANTON, WALKER, WICKENBURG, WILHOIT, YARNELL, YAVAPAI INDIAN RESERVATION

Default value: none

Null values allowed? yes

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<https://yavapai.sharepoint.com/sites/GIS/Shared%20Documents/Documentation/Data%20Dictionaries/Road%20Centerlines%20FINAL%20Transportation%20FD%20Data%20Dictionary.docx?web=1>

Commented [AP107]: I notice it is the case that more than one field in this data dictionary and RCE attribute table allows values of both "DEWEY" and "DEWEY-HUMBOLDT." Why, please?

Commented [AP108]: I updated this list to reflect all the values currently available for selection (Select By Attributes) in this field in the Road Centerlines Editable attribute table. Please review and ensure these values are what you expect to see here.

Commented [AP109]: I notice it is the case that more than one field in this data dictionary and RCE attribute table allows values of both "DEWEY" and "DEWEY-HUMBOLDT." Why, please?

Commented [AP110]: I updated this list to reflect all the values currently available for selection (Select By Attributes) in this field in the Road Centerlines Editable attribute table. Please review and ensure these values are what you expect to see here.

Road Centerlines FINAL Editable Transportation FS Data Dictionary

Domain name: ygRCLMsagCommunity

Attribute rule: Left & Right MSAG

Requires field data maintainers outside Yavapai County? ? Optional, if you can use the County MSAG

Community polygon data hosted in NENA Administrative Boundaries.

https://services1.arcgis.com/BajuNXbtZNiBKfKx/arcgis/rest/services/NENA_Administrative_Boundaries/FeatureServer

ESN_L

Type: text

Length: 5

Precision: 0

Alias: ESN_L

Field name meaning: emergency service number (ESN) left

Description: This field contains values for emergency service numbers (ESNs) which represent one or more State-911-office-defined emergency service zones (ESZs) on the left side of a road segment. The ESNs help data users identify areas where police, fire, and emergency medical service (EMS) providers respond to incidents. In and around incorporated areas, the ESN boundary is defined by the physical incorporated boundary of the city where they have their own police and/or fire departments. This is a conditional NENA field required for AZ State Spatial Validation. This field aligns with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: {multiple values too many to list}

(Please use the Yavapai County ESZ polygon feature class to determine what ESN values you should assign to each street segment.)

Default value: none

Null values allowed? yes

Domain name: ygRCLESN

Attribute rule: Left & Right ESN

Requires field data maintainers outside Yavapai County? NO

ESN_R

Type: text

Length: 5

Precision: 0

Alias: ESN_R

Field name meaning: emergency service number (ESN) right

Description: This field contains values for emergency service numbers (ESNs) which represent one or more State-911-office-defined emergency service zones (ESZs) on the right side of a road segment. The ESNs help data users identify areas where police, fire, and emergency medical service (EMS) providers respond to incidents. In and around incorporated areas, the ESN boundary is defined by the physical incorporated boundary of the city where they have their own police and/or fire departments. This is a conditional NENA field required for AZ State Spatial Validation. This field aligns with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: {multiple values too many to list}

(Please use the Yavapai County ESZ polygon feature class to determine what ESN values you should assign to each street segment.)

Default value: none

Null values allowed? yes

Domain name: ygRCLESN

Attribute rule: Left & Right ESN

Requires field data maintainers outside Yavapai County? NO

VALID_L

Type: text

Length: 1

Precision: 0

Alias: VALID_L

Field name meaning: validation left

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Commented [AP111]: Question, please: It appears we don't distinguish b/t Administrative ESNs and Routing ESNs in our NG911 data. Do you know why?

[ESN \(Emergency Service Number\) - NENA Knowledge Base](#)

Commented [AP112]: Question, please: It appears we don't distinguish b/t Administrative ESNs and Routing ESNs in our NG911 data. Do you know why?

[ESN \(Emergency Service Number\) - NENA Knowledge Base](#)

Road Centerlines FINAL Editable Transportation FS Data Dictionary

Description: This field contains values which indicate if the address range on the left side of a road segment (relative to the FROM node) should be used for civic location validation. If any address number within the address range on the left side of the road segment should be considered by the NENA location validation function (LVF) to be valid, data maintainers may enter a value of "Y" in this field. If the address number for a road segment should *only* be validated using the Yavapai County SiteStructureAddressPoint layer, data maintainers may enter a value of "N" in this field. If there is no value present in this field, data maintainers should assume the field contains a value of "Y." This is a conditional NENA field required for AZ State 1Spatial Validation.

Current field values: Y, N

Default value: none

Null values allowed? Yes

Domain name: N/A

Attribute rule: Left Valid

Requires field data maintainers outside Yavapai County? NO

VALID_R

Type: text

Length: 1

Precision: 0

Alias: VALID_R

Field name meaning: validation right

Description: This field contains values which indicate if the address range on the right side of a road segment (relative to the FROM node) should be used for civic location validation. If any address number within the address range on the right side of the road segment should be considered by the NENA location validation function (LVF) to be valid, data maintainers may enter a value of "Y" in this field. If the address number for a road segment should *only* be validated using the Yavapai County SiteStructureAddressPoint layer, data maintainers may enter a value of "N" in this field. If there is no value present in this field, data maintainers should assume the field contains a value of "Y." This is a conditional NENA field required for AZ State 1Spatial Validation.

Current field values: Y, N

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: Right Valid

Requires field data maintainers outside Yavapai County? NO

ADNUMPRE_L

Type: text

Length: 15

Precision: 0

Alias: ADNUMPRE_L

Field name meaning: address number prefix left

Description: This field contains values for an additional code on the left side of the road segment (relative to the FROM node). This is a NENA non-required field not necessary for AZ State 1Spatial Validation.

Current field values: N/A

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

ADNUMPRE_R

Type: text

Length: 15

Precision: 0

Alias: ADNUMPRE_R

Field name meaning: address number prefix right

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Commented [AP113]: Please review and ensure this information is correct.

Commented [AP114]: You had "N" written here; I updated it to "none." The table at the top of this document, the Excel schema report, and the RCE attribute table (Fields view) do not contain a default value for this field. Please review and decide what you want here.

Commented [AP115]: You had "N" written here; I updated it to "none." The table at the top of this document, the Excel schema report, and the RCE attribute table (Fields view) do not contain a default value for this field. Please review and decide what you want here.

Commented [AP116]: Is this correct?

Commented [AP117]: What is this field for? What values might it contain? Why does it exist? In the RCE attribute table, there are no values listed as options for populating this field.

Commented [AP118]: Is this correct?

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Description: This field contains values for an additional code on the right side of the road segment (relative to the FROM node). This is a NENA non-required field not necessary for AZ State 1Spatial Validation.

Current field values: N/A

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

ONEWAY

Type: text

Length: 5

Alias: ONEWAY

Field name meaning: one-way direction

Description: This field contains values which indicate whether a road segment has traffic controls limiting the flow of traffic to one direction. Data maintainers typically use this field in network analysis but can use it in a visual display on a map or 911 dispatching system. This is a conditional NENA field required for AZ State 1Spatial Validation. This field aligns with the NENA GIS Data Model (NENA-STA-006) schema.

Current field values: B, FN, TN

Default value: B

Null values allowed? yes

Domain name: ygRCLOneWay

Domain values:

- B = BOTH directions
- FT = FROM-TO node oneway
- TF = TO-FROM node oneway

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

SPEEDLIMIT

Type: integer

Length: 3

Precision: 0

Alias: SPEEDLIMIT

Field name meaning: speed limit

Description: This field contains values indicating the set speed limit for a street segment. If the street is a private driveway, data maintainers should set the speed limit value to one (1). If the speed limit is not known but you wish to update the value in the future, set the value to one (1) (the minimum speed limit required for AZ State 9-1-1 1Spatial 1Data Gateway Validation). This field aligns with the NENA GIS Data Model (NENA-STA-006) schema. This is a conditional NENA field required for AZ State 1Spatial Validation.

Current field values: 1, 5, 10, 15, 20, 25, 30, 35, 36, 40, 45, 50, 55, 65, 75

Default value: 25

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

LRS_FIX

Type: text

Length: 6

Precision: 0

Alias: LRS_FIX

Field name meaning: linear referencing system fix

Commented [AP119]: What is this field for? What values might it contain? Why does it exist? In the RCE attribute table, there are no values listed as options for populating this field.

Commented [AP120]: The Excel schema report and the RCE attribute table (Fields view) indicate the data type for this field is string (text). But here and in the table above, it states "integer" or "small integer." Please review, decide what data type you want, and edit across sources accordingly. Thx.

Commented [AP121]: Please review. Some of these values don't make sense.

Commented [AP122]: Is this correct?

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Description: This is a special field designated by the Arizona Department of Transportation (ADOT) to prevent or eliminate street bifurcations. A bifurcation is an intersection point where three or more arcs of segments with the same name (or Routeld) meet and produce a "fork" in the road. This field also provides a way to designate parallel carriageways uniquely in cases where dual carriage representations have the same basic naming attributes – and they need to remain the same for other business purposes. For more information, review Centerline Unification source documentation at

http://azhighwaydata.com/atispolicyunify/#Topics/Primer_LrsFix.htm?TocPath=Guidelines%2520and%2520Primers%25207C%2012

Current field values: {multiple values too many to list}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? YES

DISCRPAGID

Type: text

Length: 100

Precision: 0

Alias: DISCRPAGID

Field name meaning: discrepancy report agency identification (ID)

Description: This is a NENA data model required field. If data maintainers discover a discrepancy in the data, an agency will receive a discrepancy report (DR) and will take responsibility for ensuring discrepancy resolution. The agency presiding over this may or may not be the same as the 9-1-1 authority. This field MUST be represented by a domain name that is an agency identifier as defined in the NENA Master Glossary of 9-1-1 Terminology, NENA-ADM-000 [1].

Current field values: YAVAPAI911.AZ.GOV

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

DATEUPDATE

Type: date

Length: 8

Precision: 0

Alias: DATEUPDATE

Field name meaning: date of data update

Description: This field contains the date and time that a record is created or last-modified. This is a NENA data model required field. Data maintainers MUST populate values in this field when modifying road centerline attributes, geometry, or both.

Current field values: {acceptable date values}

Default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? NO

EFFECTIVE

Type: date

Length: 8

Precision: 0

Alias: EFFECTIVE

Field name meaning: effective date

Commented [AP123]: Please confirm this meaning is an accurate description of what the letters in the field name represent. I can't find this field in online NENA documentation.

[Search results for "DISCRPAGID" - NENA Knowledge Base](#)

Commented [AP124]: Please review this field description and ensure it's accurate. Why don't we have a domain for this field?

Commented [AP125]: In the Road Centerlines Editable attribute table (Fields view), there is a default value for this field. However, this same value is not in the Excel schema report, this field description, nor the table at the beginning of this report. Should there be a default value or no? If so, what should it be? In the RCE table, it's "yavapai911.az.gov."

Commented [AP126]: The field description specifies this field requires a domain name w/ an agency identifier. Why don't we have a domain, then?

Commented [AP127]: Since this field is a date data type, I don't think it accepts datetime values. Correct? If so, let's specify only date in the description.

Commented [AP128]: In the Road Centerlines Editable attribute table, this field contains no values across all records; they're all <Null>....why?

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Description: This field contains the date and time that a record is scheduled to take effect. Data maintainers should only use this field when they know the date and time of a change. For example, the date and time an annexation takes effect. This is a local field only; NENA does not require it.

Current field values: 7/30/2025 7:20:26 PM

Field default value: none

Null values allowed? yes

Domain name: N/A

Attribute rule: N/A

Requires field data maintainers outside Yavapai County? Optional, if you can that would be great.

Commented [AP129]: Do you mean just date or date and time (datetime)? The field type is only date.

Commented [AP130]: Date and time or just date?

Commented [AP131]: Date and time or just date?

Commented [AP132]: In the Road Centerlines Editable attribute table, there is only a single datetime value allowed in this field. This same datetime value populates most of the records for this field...why? This appears to be an error.

EXPIRE

Field Type: Date

Field Length: 8

Field Alias: Expire

Field Description: Local field added, not required by NENA. The date and time when the information in the record is no longer considered valid. This field is used when the time and date of a change is known. For example, the time and date an annexation takes effect and the previous boundary is retired.

Current valid values:

Field default value: 0

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

LOCATEINFORMATION

Field Type: Text

Field Length: 400

Field Alias: Locate Information

Field Description: Free form field to note information about this segment. "Officially Named on 06-01-2025". Local field added, not required by NENA.

Current valid values: (too many values)

Field default value: 0

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

DATESOURCE

Field Type: Text

Field Length: 60

Field Alias: Datasource

Field Description: Local field added, not required by NENA. Name where data was from; another agency; digital data from unknown source, overhead digitizing imagery.

Current valid values: (describe a range such as first and last or min and max if too many values)

Field default value: 0

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

Created_user

Field Type: Text

Field Length: 255

Field Alias: created_user

Field Description: This is an Editor Tracking field to capture county employee number who digitized or added the line into the GIS system. This field is calculated by Editor Tracking. The County has begun to use "Editor Tracking" which the GIS software maintains who edits and dates when edits are done with a database time.

Current field values: {inside the County the values are the employee's number, outside the county it can be anything the editors want to use}

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Field default value: {user employee number logged onto the computer using GIS desktop software when the street is created}

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

Created_date

Field Type: Date

Field Length: n/a

Field Alias: created_date

Field Description: This is an Editor Tracking field to capture the date that is known when the GIS street segment was entered into the system. In the case of a data conversion, this data could be the date when the data was first converted from one format into another. This field is calculated by "Editor Tracking" which the GIS software maintains who edits and dates when edits are recommended in UTC time standards.

Current field values: 1/30/2006 to current date

Field default value: {today's date and time in UTC when a feature is added into the GIS feature class}

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

Last_edited_user

Field Type: Text

Field Length: 255

Field Alias: last_edited_user

Field Description: This is an Editor Tracking field to capture field is a county employee number who edited or updated attributes to the street segment last. The County has begun to use "Editor Tracking" which the GIS software maintains who edits and dates when edits are done with a database time.

Current field values: {inside the County the values are the employee's number, outside the county it can be anything the editors want to use}

Field default value: {user employee number logged onto the computer when the edit was made}

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

Last_edited_date

Field Type: Date

Field Length: n/a

Field Alias: last_edited_date

Field Description: This is an Editor Tracking field to capture the date that the street segment was last spatially edited or attributes were edited. The County has begun to use "Editor Tracking" which the GIS software maintains who edits and dates when edits are done in UTC time standards.

Current field values: 10/25/2008 to the current date

Field default value: {today's date when a feature is edited into the GIS feature class}

Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

GlobalID

Field Type: Global ID

Field Length: 38

Field Alias: GlobalID

Field Description: ESRI GlobalIDs uniquely identify a feature or table row in a geodatabase and across geodatabases. The values are always unique because of how the id is formed, from a time pattern, a clock sequence and a unique node (server). The values in this field are required and are not editable.

Current Values:

Field default value:

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Domain name: N/A

Attribute Rule: N/A

Requires field data maintainers outside Yavapai County? NO

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