



# MAPS

---

## IV. Maps

The following maps depict proposed future corridors across the borough. For this update, six townships were added to the study area to accommodate growth in those areas. Thirty-nine new corridors were added to the 2023 Roads Plan. Table 3 summarizes the corridors and the rationale for their inclusion. Some of the corridors overlap with constructed roads. In these instances, the constructed road does not have ROW and, thus, is included in the 2023 Roads Plan. Additionally, several of the corridors established in the original 1991 Roads Plan were slightly rerouted because of more accurate topographical information. Figure 14 presents the 2023 Roads Plan study area location.

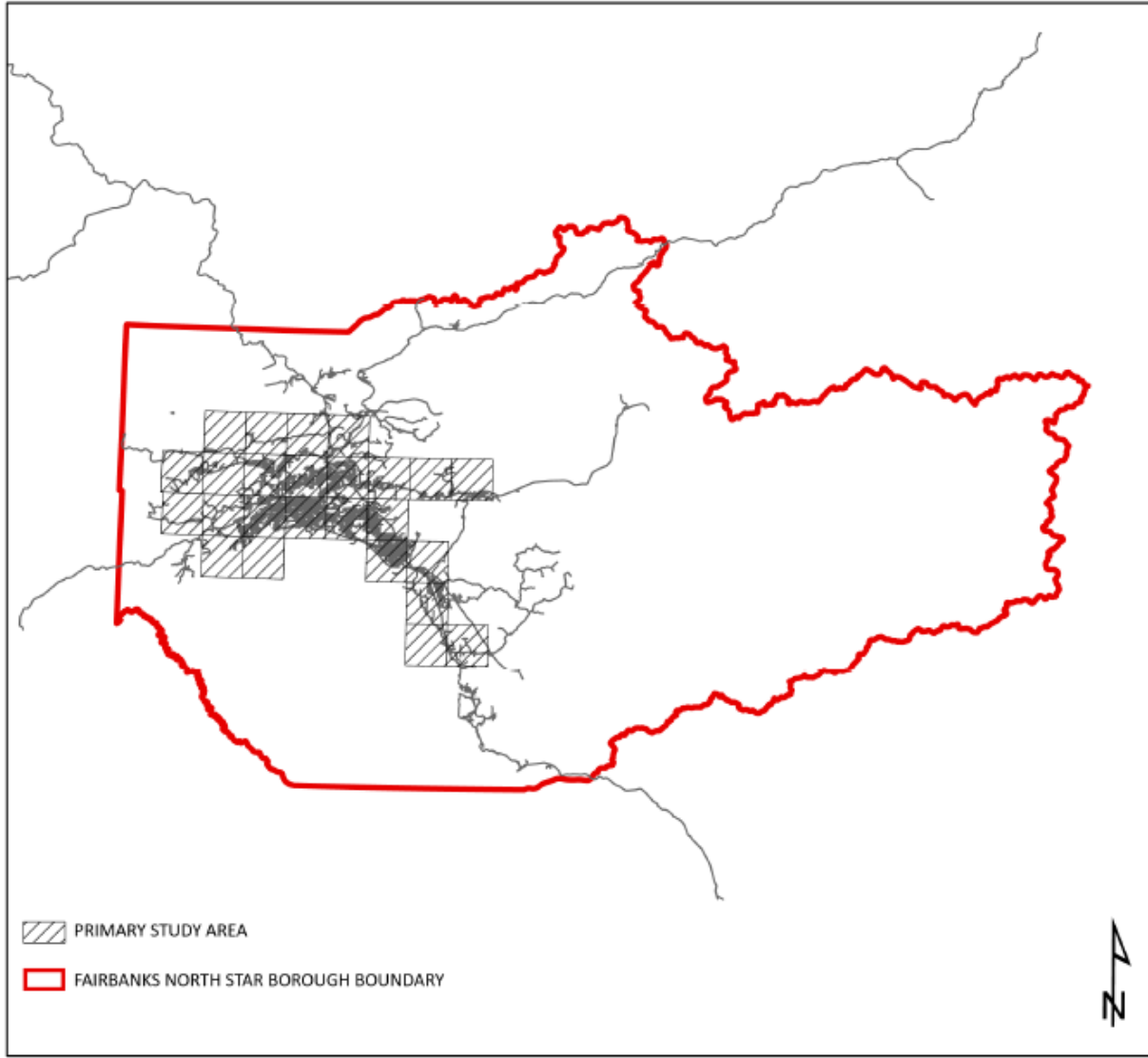
### Important points to remember about how the Roads Plan is implemented:

- Road corridors in the plan **will only be dedicated on private property at the time that landowners subdivide**. If land never subdivides, a road corridor shown in the Roads Plan maps may never actually be built.
- The subdivision process **allows for some flexibility in road alignment and design if the alternative corridor achieves the same goals as the connection identified in the Roads Plan**. Developers work closely with the FNSB's platting division to identify the optimal alignment of subdivision streets.
- The Roads Plan is intended to encourage and support the FNSB and developers working together to develop a road system that protects the **health, safety, and well-being** of the community as it continues to grow.
- Certain areas of public land have been used as open space but could be subdivided and developed in the future depending on the owner. **The intention of this plan is not to advocate for the subdivision and sale of large publicly owned tracts, but to plan a logical, well-connected road network in the event that future subdivision and development of such areas do occur. The development of these areas depends heavily on the base zoning, FNSB Comprehensive Plan, and plans/goals of the owning agencies.**

*Table 3: New road corridors added in the 2023 Roads Plan.*

New Corridor No. <sup>15</sup>	Rationale
204	New access to Murphy Dome Rd from the Frenchman stub
205	Old Murphy Dome Rd needs ROW
213	New access to Ester Dome area
214	Connects Old Ridge Rd to Old Nenana Highway
217	Connects two subdivisions and provides alternate access
228	Provides new access to large parcels via Desperation subdivision
232	Replaces Corridors #29 and #30
234	Provides additional access to Adit stub, large parcels, and Old Murphy Dome Rd
243	Provides alternate access and connects to platted road stubs at Chad St and Ridgemont Dr
251	Connects Musk Ox subdivision to Ski Boot Hill
254	Provides alternate access to Spinach Creek
256	Provides additional access via Winchester Rd stub to Old Murphy Dome Rd
272	Provides new access to large parcels south of Murphy Dome Rd
274	Provides alternate access via existing platted road stubs
275	Provides access to parcels via Birch Hollow stub
281	Provides access to parcels via Hawkeye Downs stub
282	Provides alternate access to subdivision
309	Connects Smallwood Trail to Hopper Creek Dr
310	Obtains ROW along Amanita Rd
314	Creates a Misty Fjords Ct to Chena Valley View Ln connection using stub
331	Extends newly platted road east for connection between Esro Rd and Amanita Rd
349	Extends Corridor #51 to Chena Hot Springs Rd via Heritage Hills
357	Creates a loop with Bates St to provide new access
358	Connects Steese Highway to Elliot Highway via Corridor #301 and Silver Fox
361	Creates a loop from Corridor #57 to avoid a long cul-de-sac
362	Connects John Cole Rd to Hopper Creek Dr and Smallwood area
369	Connects Chief John Dr and Reschaven stubs
379	Connects Fiddle Way to Becker Ridge Rd
384	Connects Moosewood Cir to Birch Knoll Rd
386	Extends Peede Rd to Corridor #125
387	Connects Sebaugh Rd to Joline Ave across an SLE
404	Connects Amanita to Hopper Creek Dr stub
405	Connects Johnson Rd to Grieme Rd
407	Replaces Corridor #48 and #56 with a consolidated Golden Morn to Bennett connection

<sup>15</sup> Corridor numbers were assigned at the beginning of the project and many corridors have since been removed by the project Steering Committee.



*Figure 14: 2023 Roads Plan study area location shown within the FNSB boundary.*



# Fairbanks North Star Borough Comprehensive Roads Plan

## What is functional classification?

**Functional classification** is *grouping streets and highways into categories according to the type of service that they provide*. All roads help the traveler move across the network, called *mobility*, and reach specific destinations, referred to as *access*.

## What are the functional class categories?

The three standard road categories are *arterial*, *collector*, and *local*. Arterials and collectors are also often broken down into *major* and *minor* subcategories, with different implications for roadway design. For example, direct lot access is limited on *major collector* and higher roads. In addition, FNSB Code Title 17 provides guidelines for functional classifications based upon how many lots are served within subdivision.

**Arterial.** The highest category, these roads are designed to move travelers quickly and efficiently with higher mobility and speeds, and with few stops, turns, and intersections. Arterials in the FNSB are generally managed by the Alaska DOT&PF. *Example: the Johansen Expressway in Fairbanks. Meant for high speed and through traffic.*

**Major Collector.** These roads collect and distribute traffic from minor collectors and channel it onto the arterial system. *Examples: N. Cowles in Fairbanks and Bradway Road in North Pole. Connects subdivisions and commercial areas.*

**Minor Collector.** These roads collect and distribute traffic from local streets and channel it onto the major collector and arterial system. *Examples: Wilcox Avenue in Fairbanks and Davis Blvd. in North Pole. Typically serves over 40 lots.*

**Future Study.** These roads are desirable connections but will require additional research before they will be officially included in the Roads Plan as a major or minor collector. *Examples: Corridor 382 in the 2022 update, which connects Two Rivers and North Pole, and Corridor 121 that would require a bridge over the Chena River to connect Roland and Dale Roads.*

**Local.** The lowest category, these roads typically have slower speeds and capacity since their main purpose is to provide access to properties such as homes and businesses. Local roads are determined by the subdivision design in the platting process. *Examples: Your friendly neighborhood streets. Typically serves 40 or fewer lots.*

In general, *collector* and *local* roads are established through the FNSB's subdivision process. The FNSB Roads Plan Future Corridors map series identifies the planned locations for *major* and *minor collector* roads within the Roads Plan study area. *Local* road locations are determined during the platting process by the subdivision design. The Roads Plan maps also identify several corridors as *future study*, meaning that they are desirable connections but will require additional research before they can be officially included as a *collector* road.

## What is the purpose of functional classification?

The broad purpose of functional classification is *to develop an orderly road network, balancing the needs for access and mobility to promote safe and efficient travel*. At a more detailed level, different functional classification systems serve slightly different purposes. The purpose of the FNSB functional classification system is to guide the design of subdivision streets and access to local properties.

## How does the borough use functional classification?

FNSB uses Functional Classification for *three separate and distinct purposes during the subdivision process*. *Access control policies* on roadway facilities depend upon their classification. Higher order roads have more restrictive access control. Based on a road's functional classification there are varying *design standards*. Finally, for a road to be included in the road plan it must be a *collector road or above*.

## Future Corridors Map Index

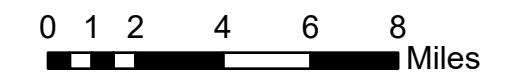
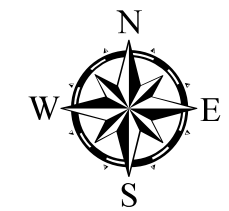
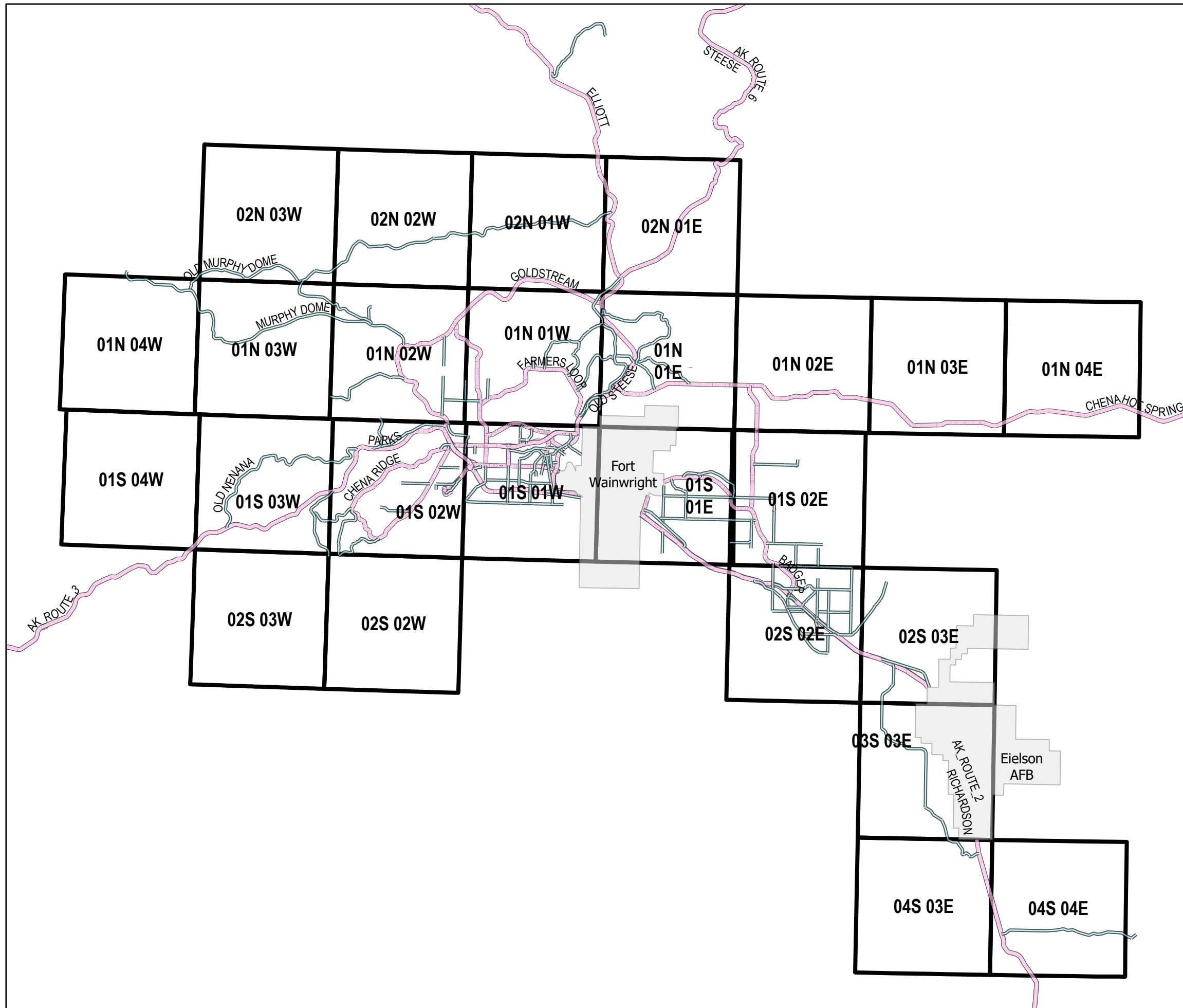
Corridor No.	Page(s)	Corridor No.	Page(s)	Corridor No.	Page(s)	Corridor No.	Page(s)	Corridor No.	Page(s)
4	31	85	37	156	45	262	31	355	45
12	31	86	38	158	46	263	31	357	45, 46
13	30, 29, 34	88	39	159	46	265	36	358	32
15	30, 35	89	39	161	46	272	33	359	37
18	29, 34	90	40	162	50	273	30, 35	360	43
20	34	91	40	163	50	274	36	361	40
21	34	93	40	164	50	275	36	362	38
22	35	94	40	165	50	278	37	365	42
23	36	96	39	167	50	279	36	369	49
24	36	97	39	171	50	281	36	370	42
28	37	98	40	172	50	282	36	372	30, 35
31	36	99	39	173	50	287	31	373	29
32	37	100	40	174	50	293	30	374	29
34	36	101	42	180	31	301	32	375	35
35	36	102	42	181	31	305	37	377	43
36	36	113	45	183	32	309	38	379	43
39	36	115	46	190	46, 45	310	37	382	47, 51
40	39	118	46	191	34	314	38	383	37
42	36	119	46	193	38	317	40	384	37
43	37	120	46	194	38	318	40	386	46
44	38, 37	121	43	195	45, 46	319	39	387	52
45	38	122	46	196	45, 46	320	39	388	46, 50
46	38	124	45	204	34	322	39	389	46, 50
47	38	125	46	205	29	323	40	390	46, 50
51	39	129	43	207	31	324	40	397	42
53	39	133	45	208	31	325	40	399	43
57	40	134	45	209	31	327	40	402	42
62	40	136	45	213	34, 42	331	37	404	37, 38
64	35	137	45	214	42	334	32	405	54
65	37	138	45	217	35	335	37	406	43
66	36	139	46	228	29	336	37	407	37
70	38	140	46	232	34	337	38		
71	38	141	46	234	31	338	39		
72	35	143	46	243	36	339	39		
73	35	144	46	250	43	342	46		
75	36	145	46	251	36	343	46		
76	40	148	45, 46	254	34	349	39		
79	38	153	43	255	34	350	45, 46		
81	36	154	43	256	33	352	37		

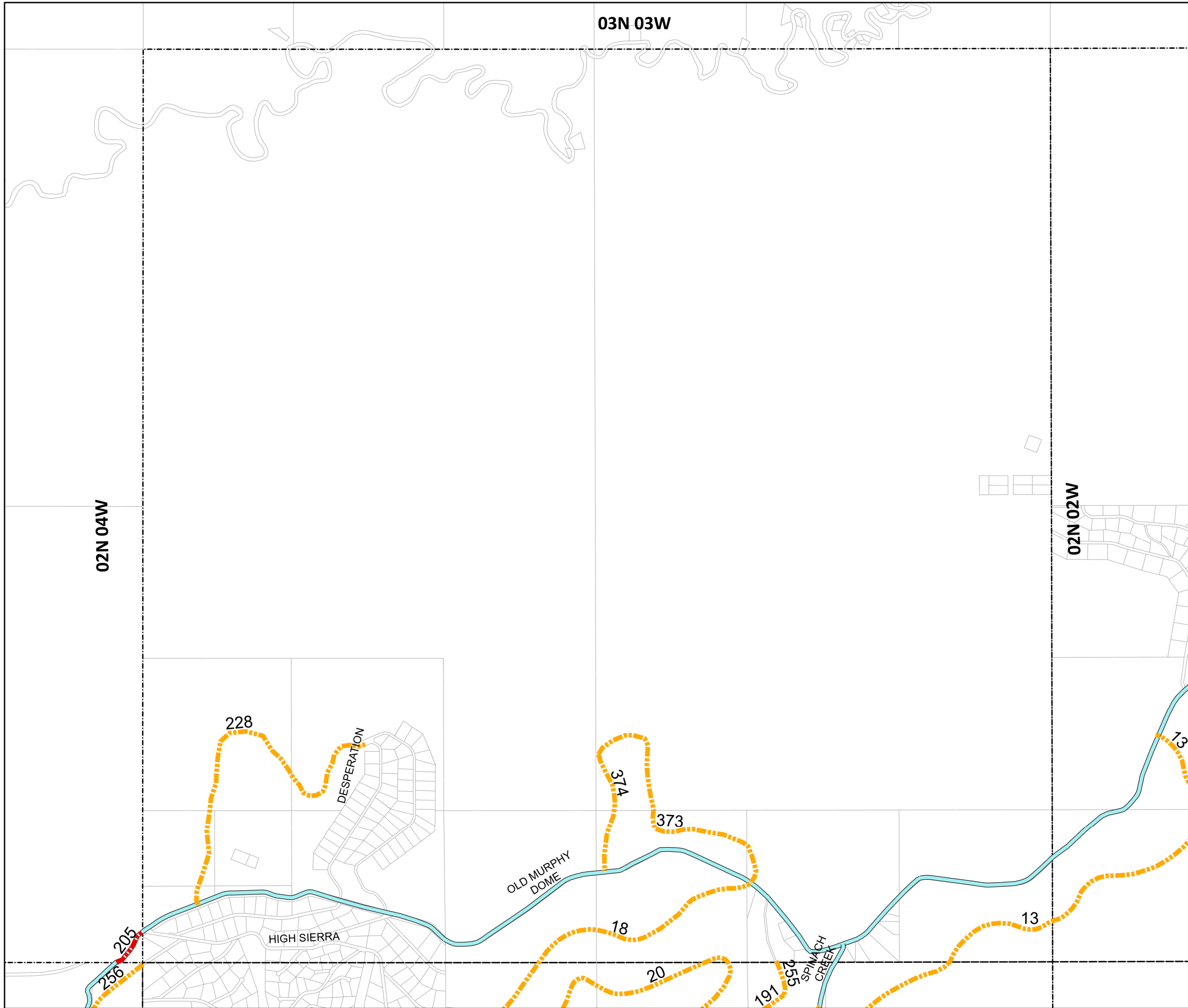


# Comprehensive Roads Plan

April 2024

## Map Key










# Comprehensive Roads Plan

April 2024

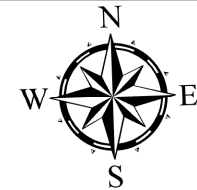
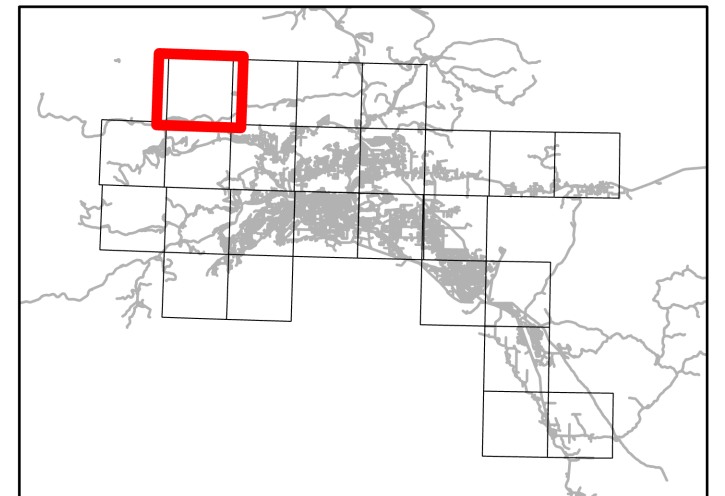
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



02N 03W



03N 02W



# Comprehensive Roads Plan

April 2024

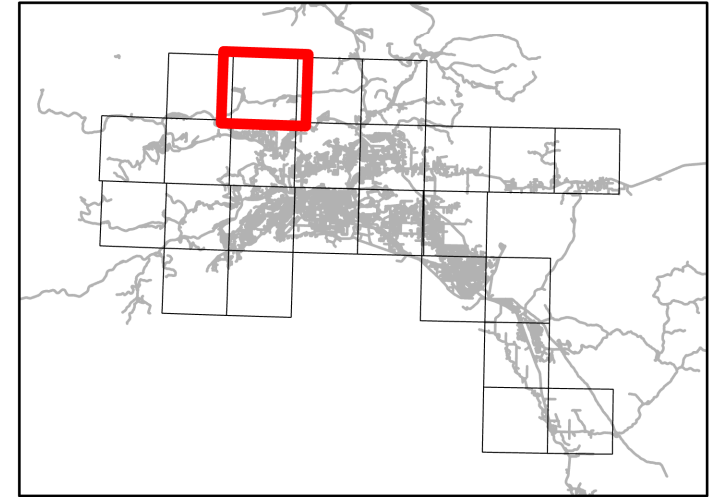
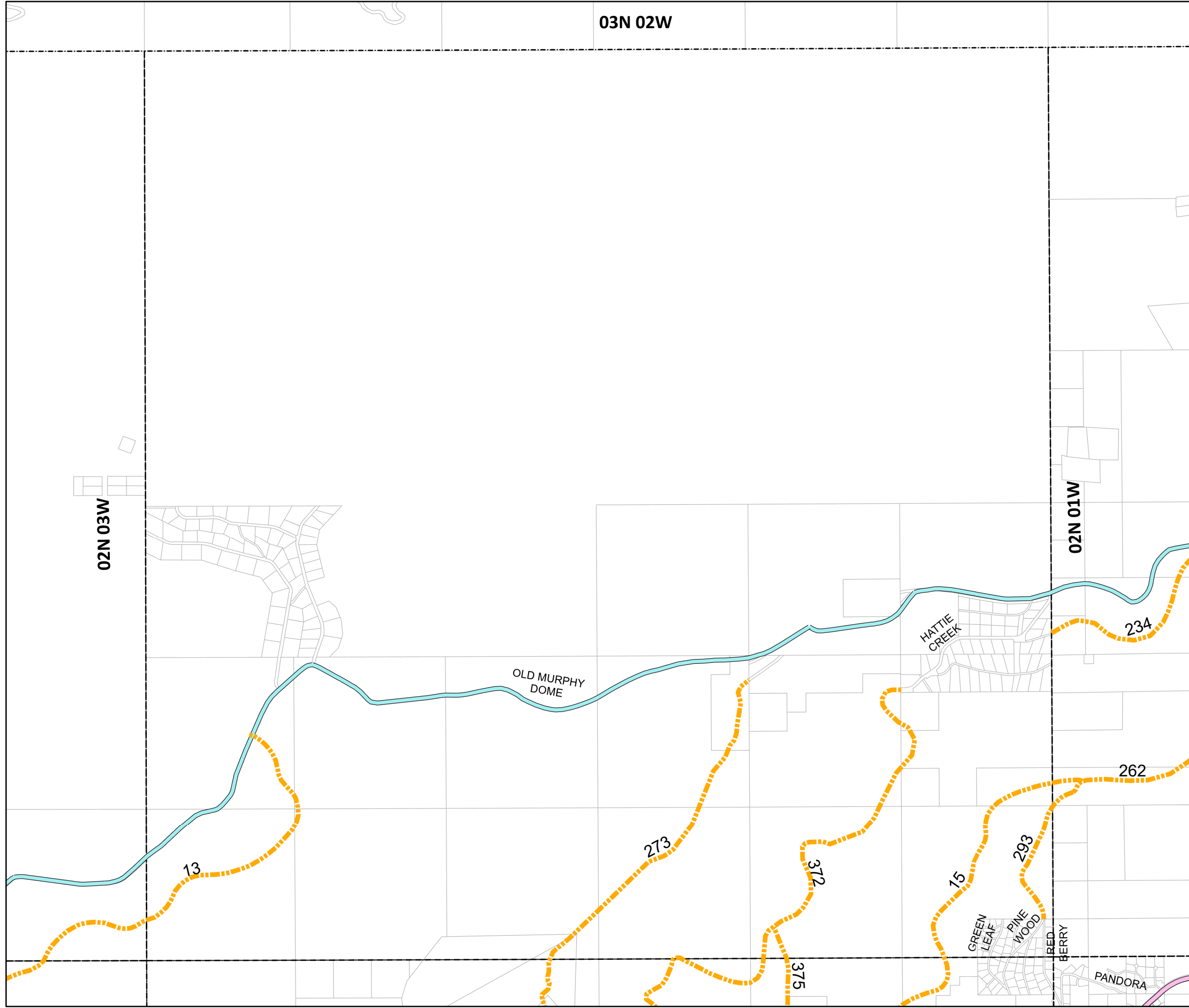
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

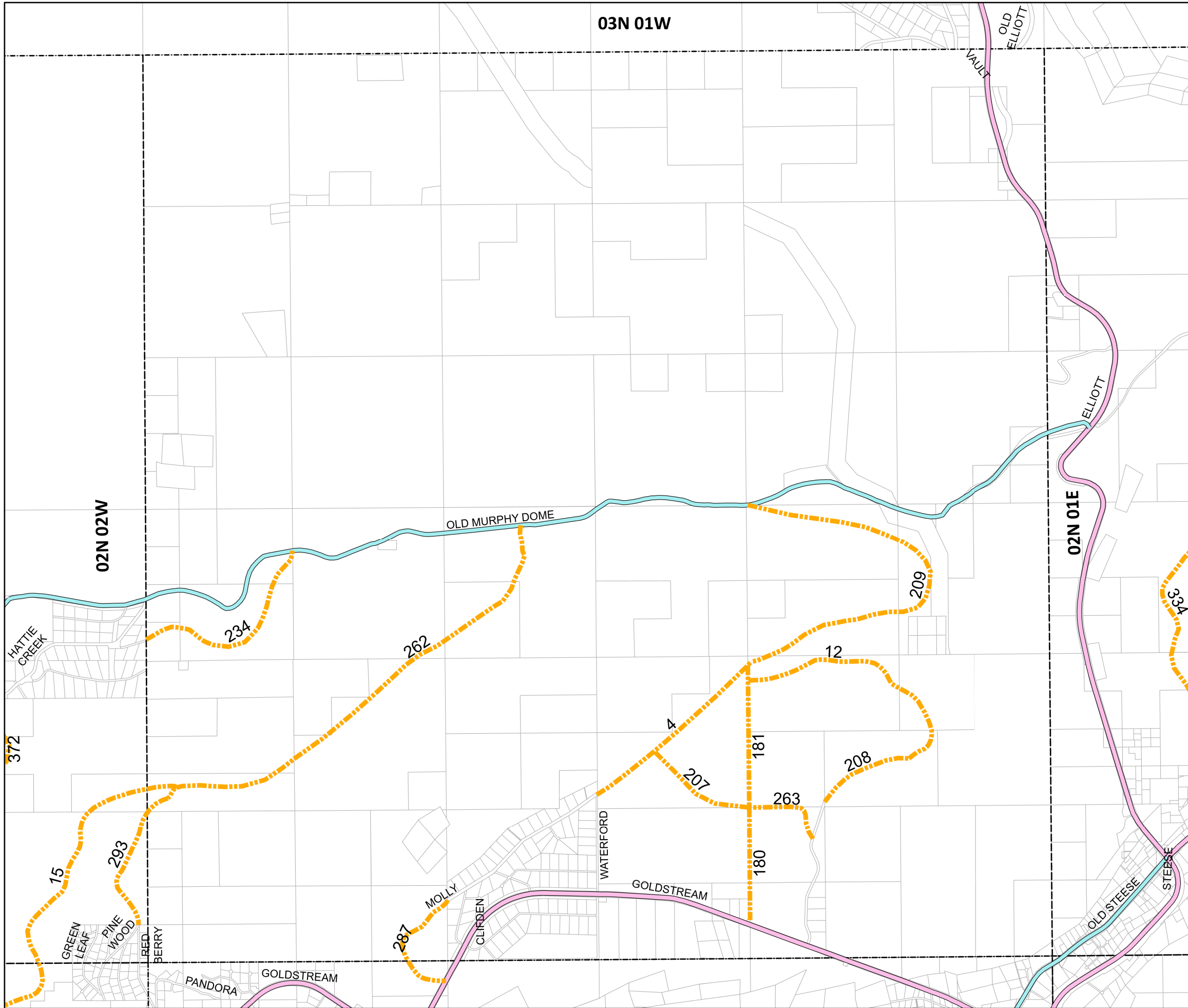
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





02N 02W






# Comprehensive Roads Plan

April 2024

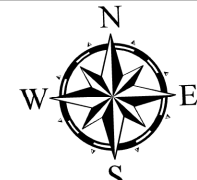
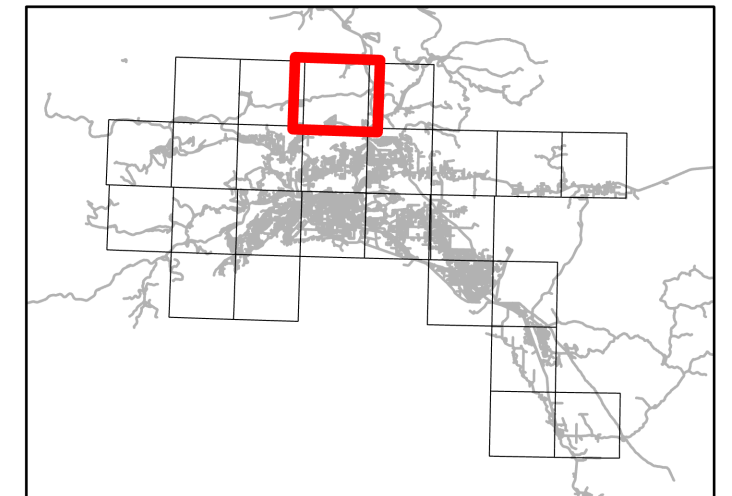
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

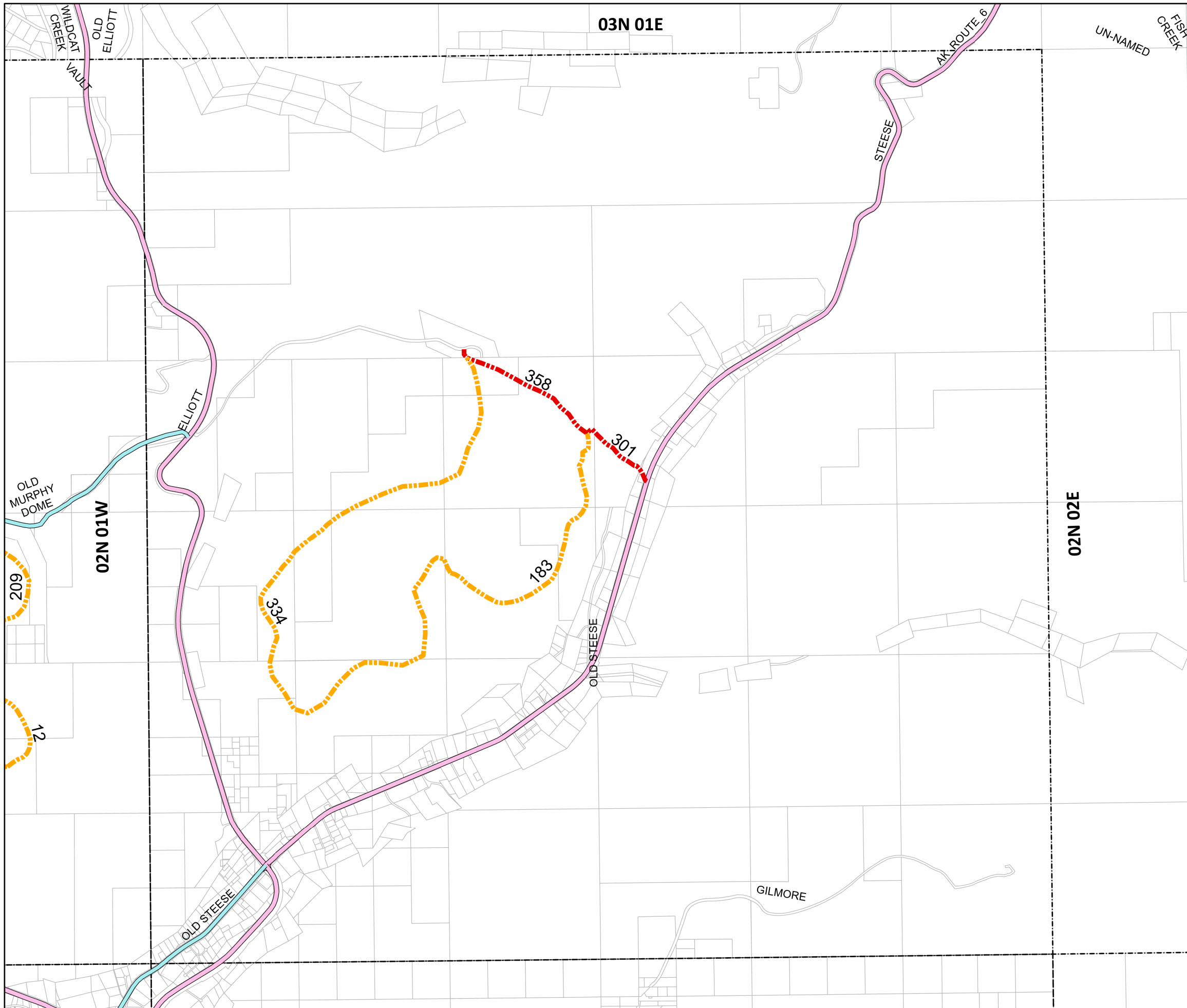
## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





02N 01W






# Comprehensive Roads Plan

April 2024

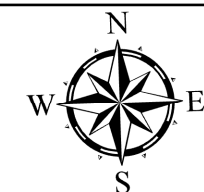
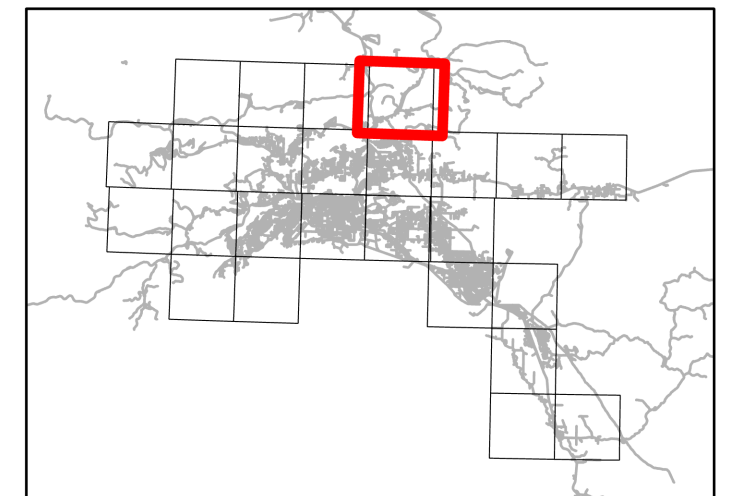
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





02N 01E






# Comprehensive Roads Plan

April 2024

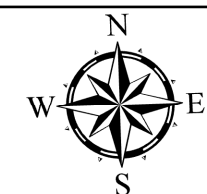
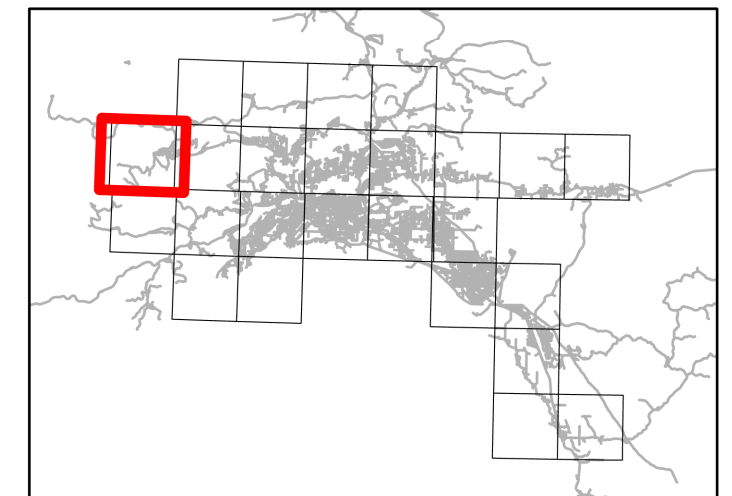
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

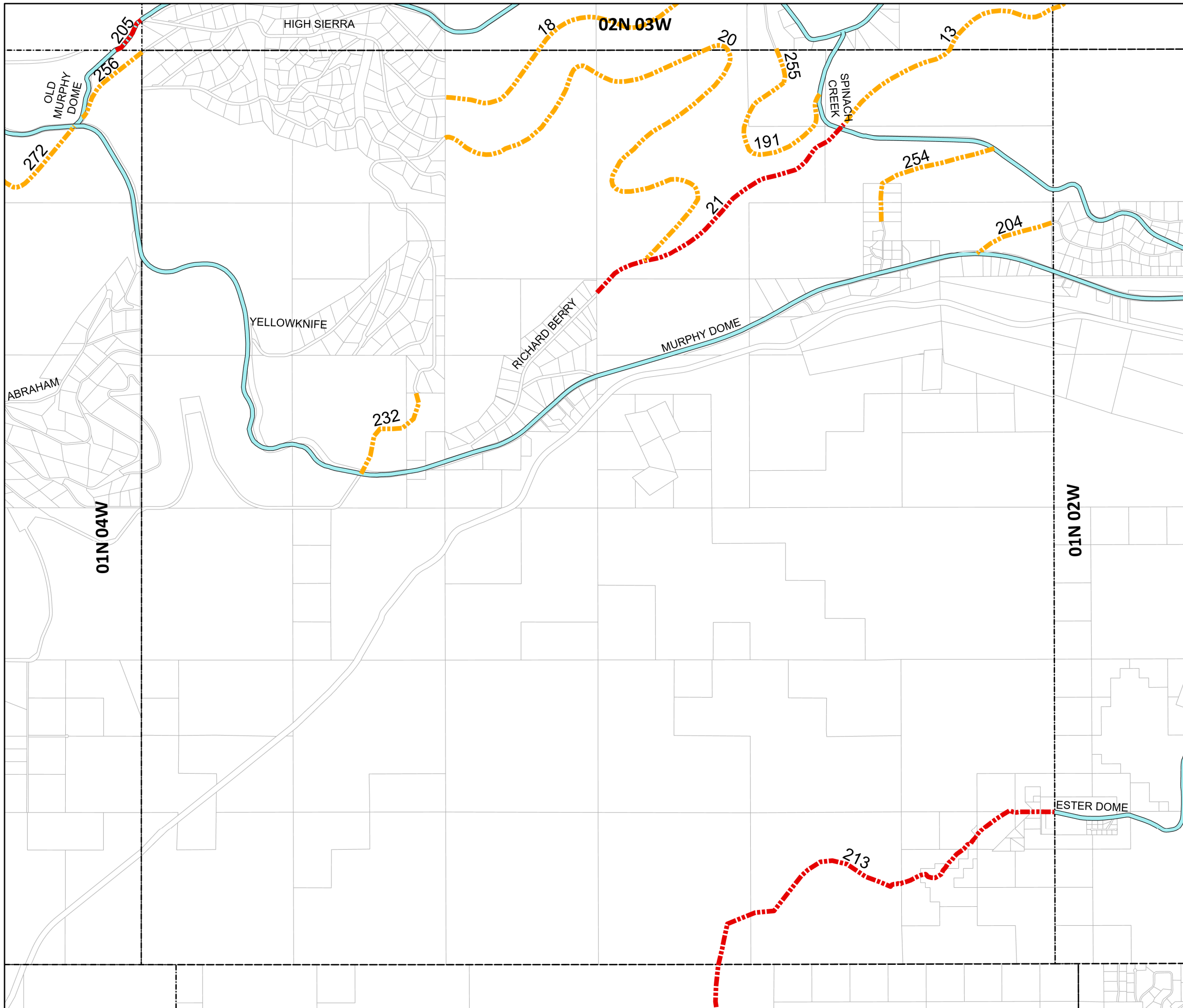
## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 04W



# Comprehensive Roads Plan

April 2024

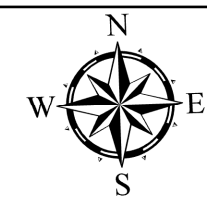
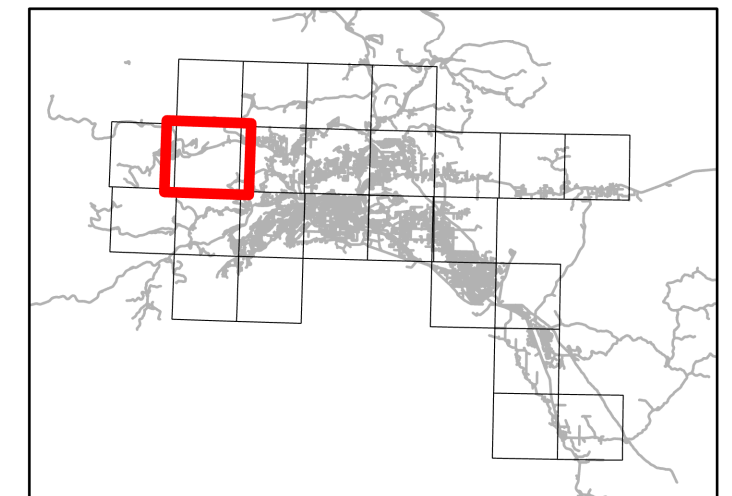
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

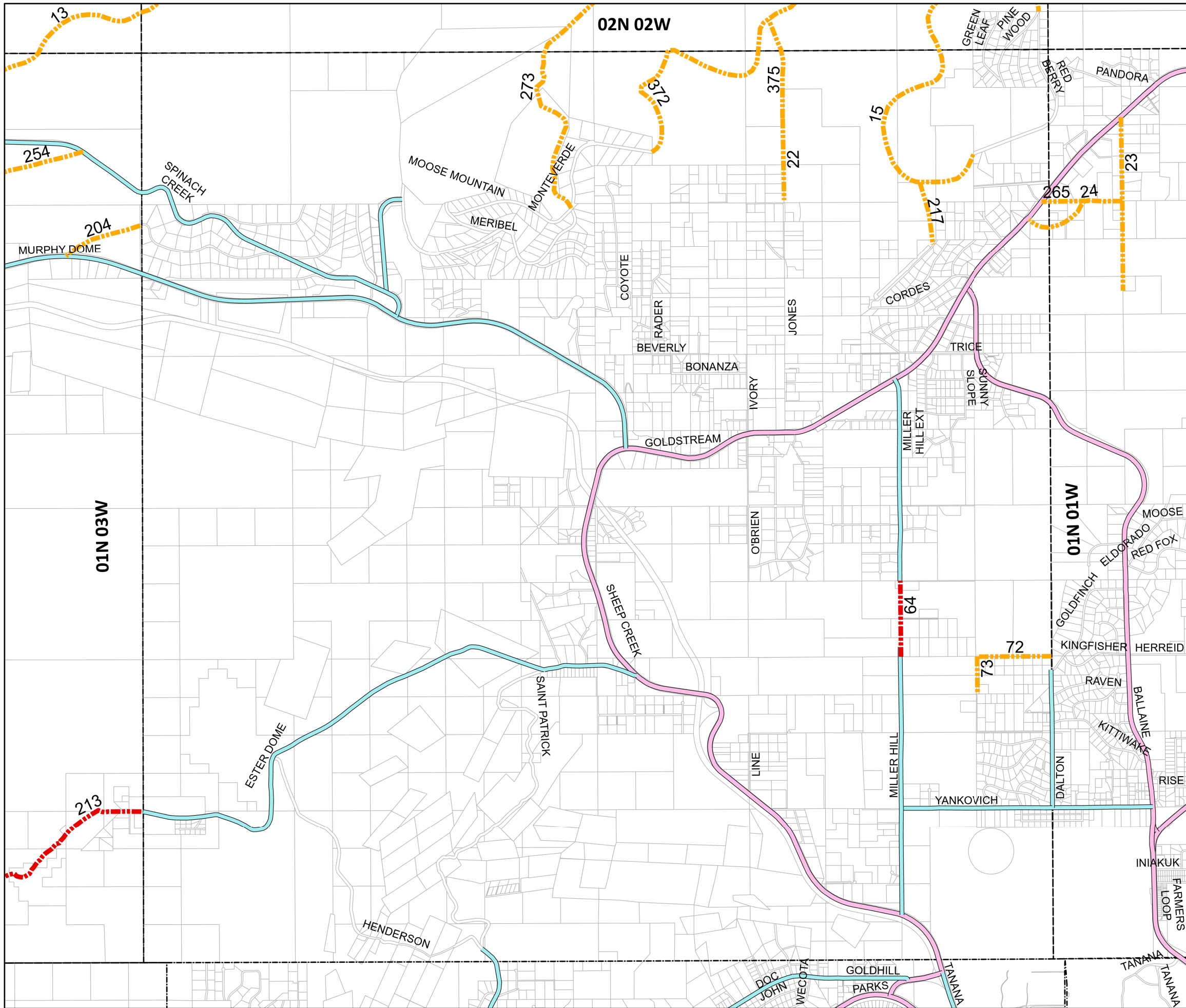
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 03W



# Comprehensive Roads Plan

April 2024

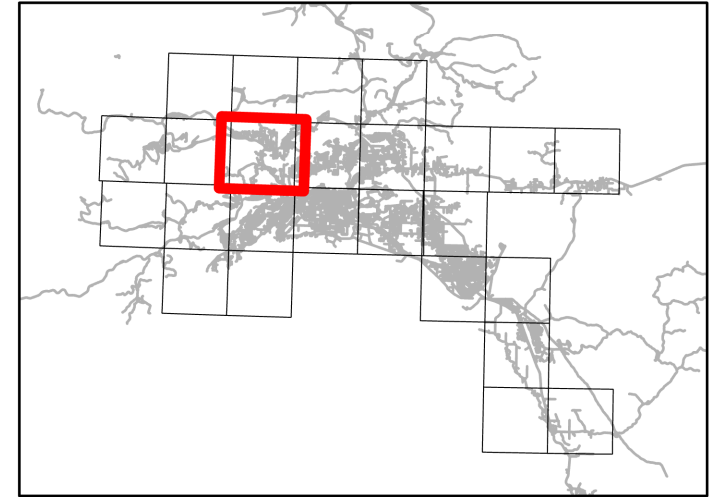
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

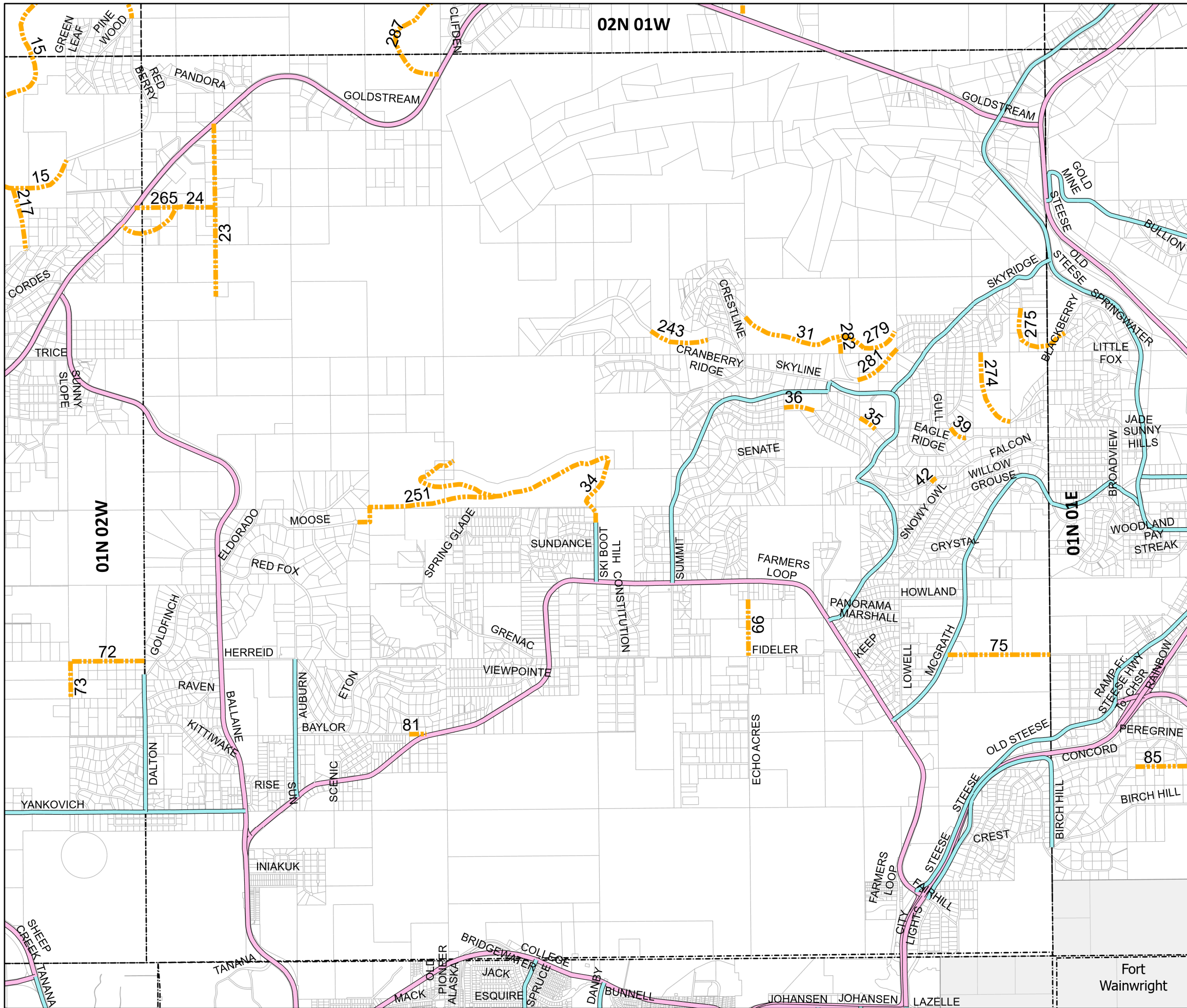
## Future Road Corridors

- - - MAJOR COLLECTOR
- - - MINOR COLLECTOR
- - - FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 02W



# Comprehensive Roads Plan

April 2024

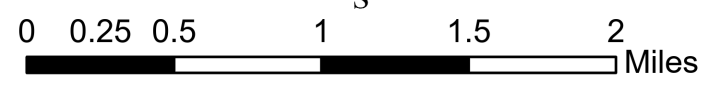
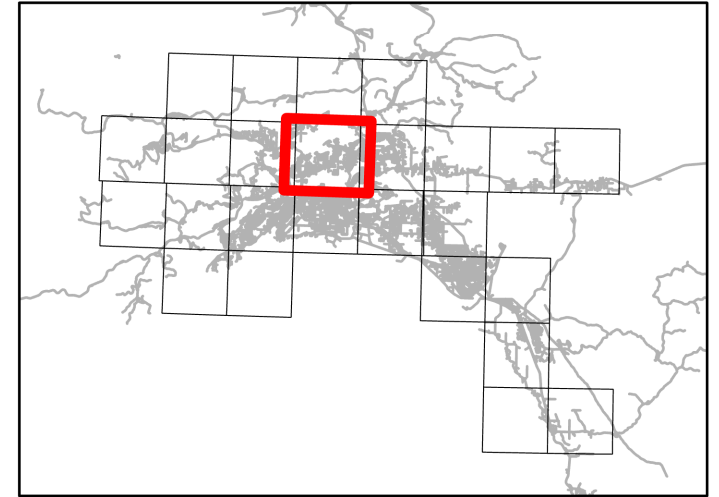
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

- - - MAJOR COLLECTOR
- - - MINOR COLLECTOR
- - - FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 01W



# Comprehensive Roads Plan

April 2024

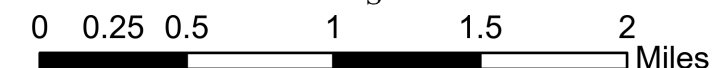
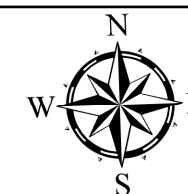
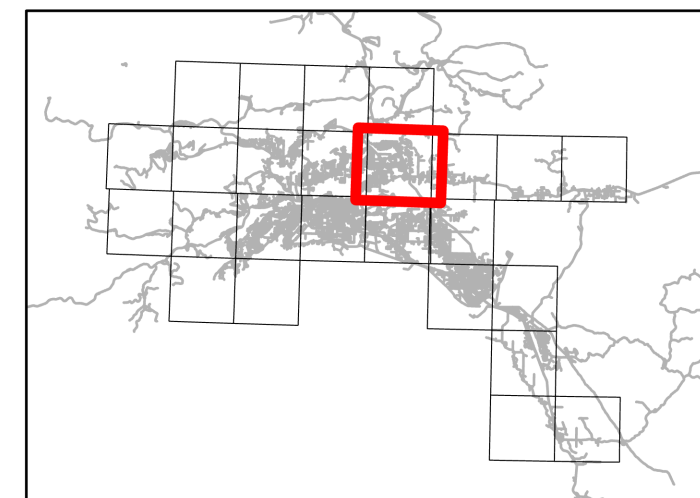
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

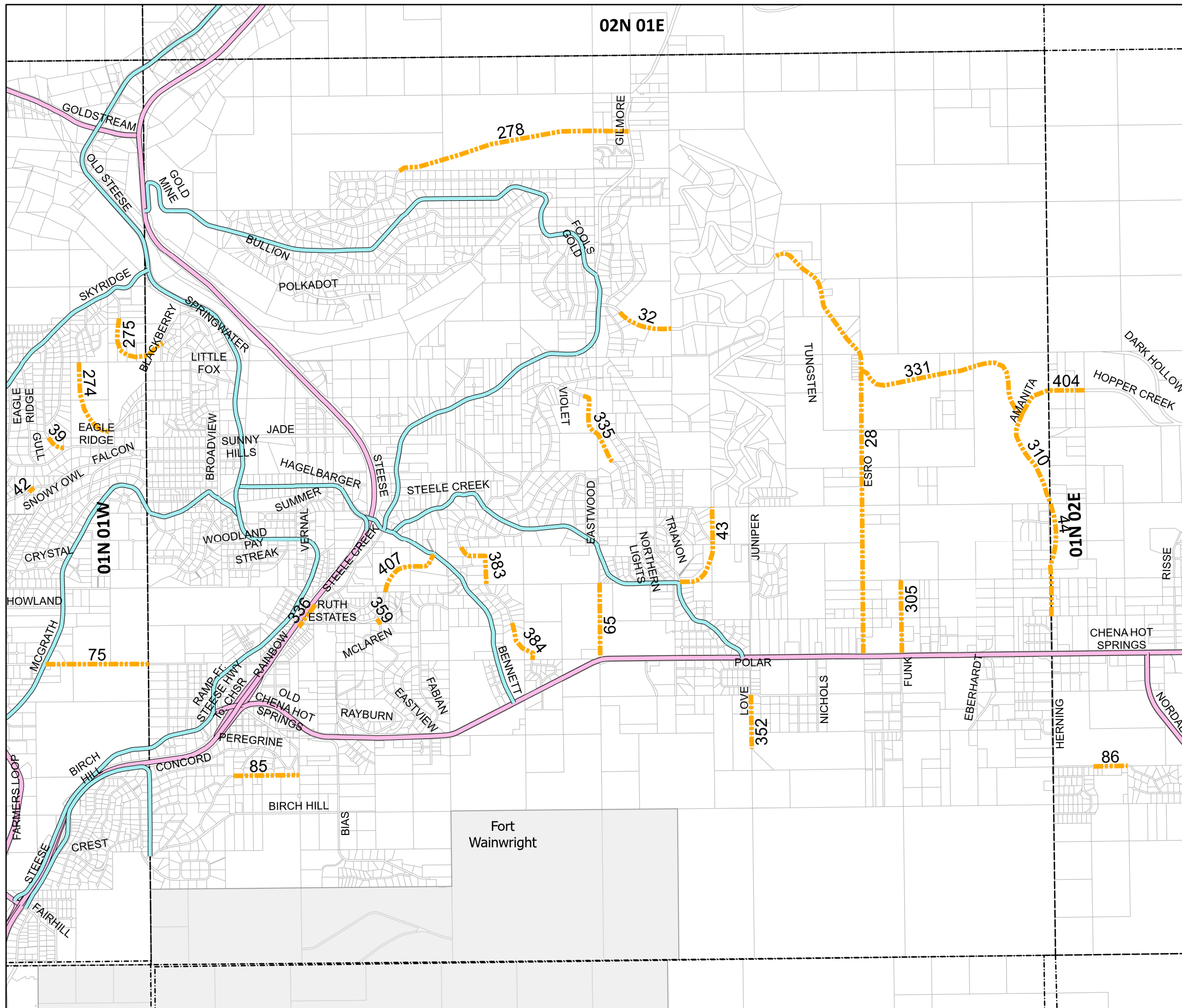
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

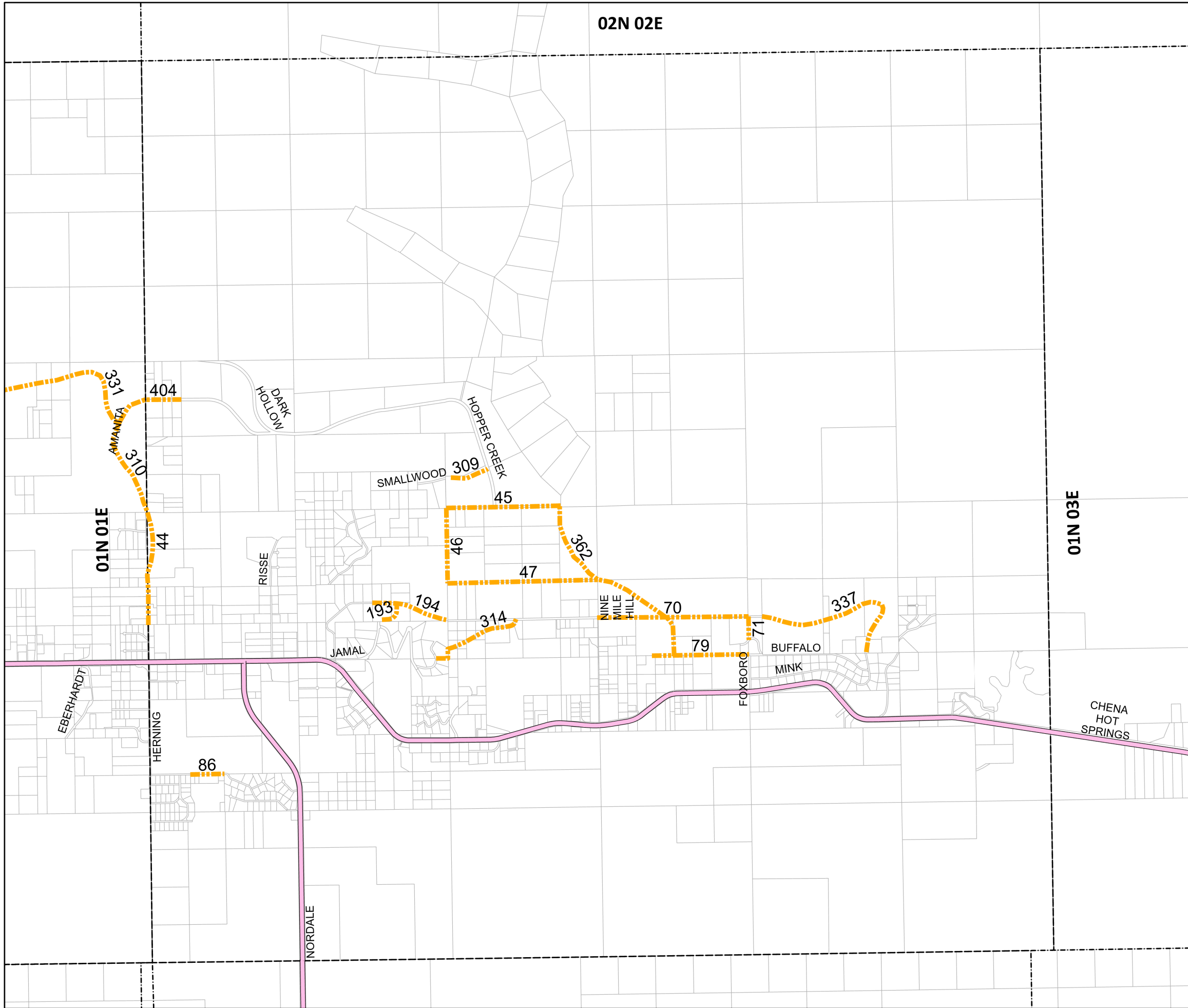
New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 01E







# Comprehensive Roads Plan

April 2024

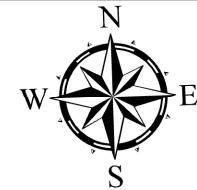
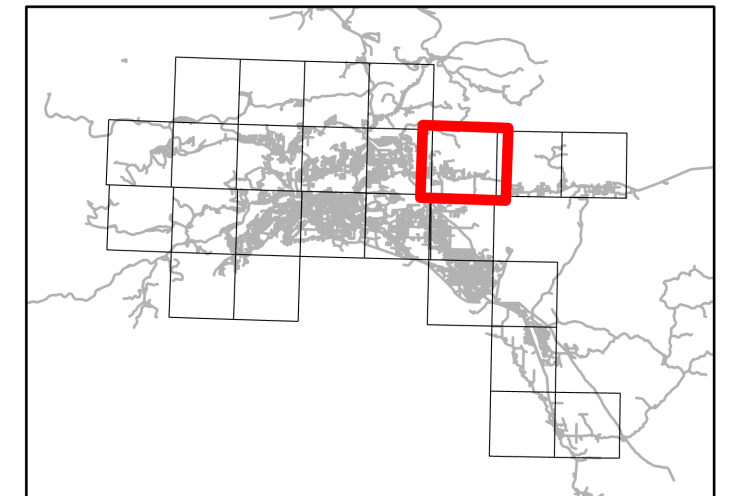
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way

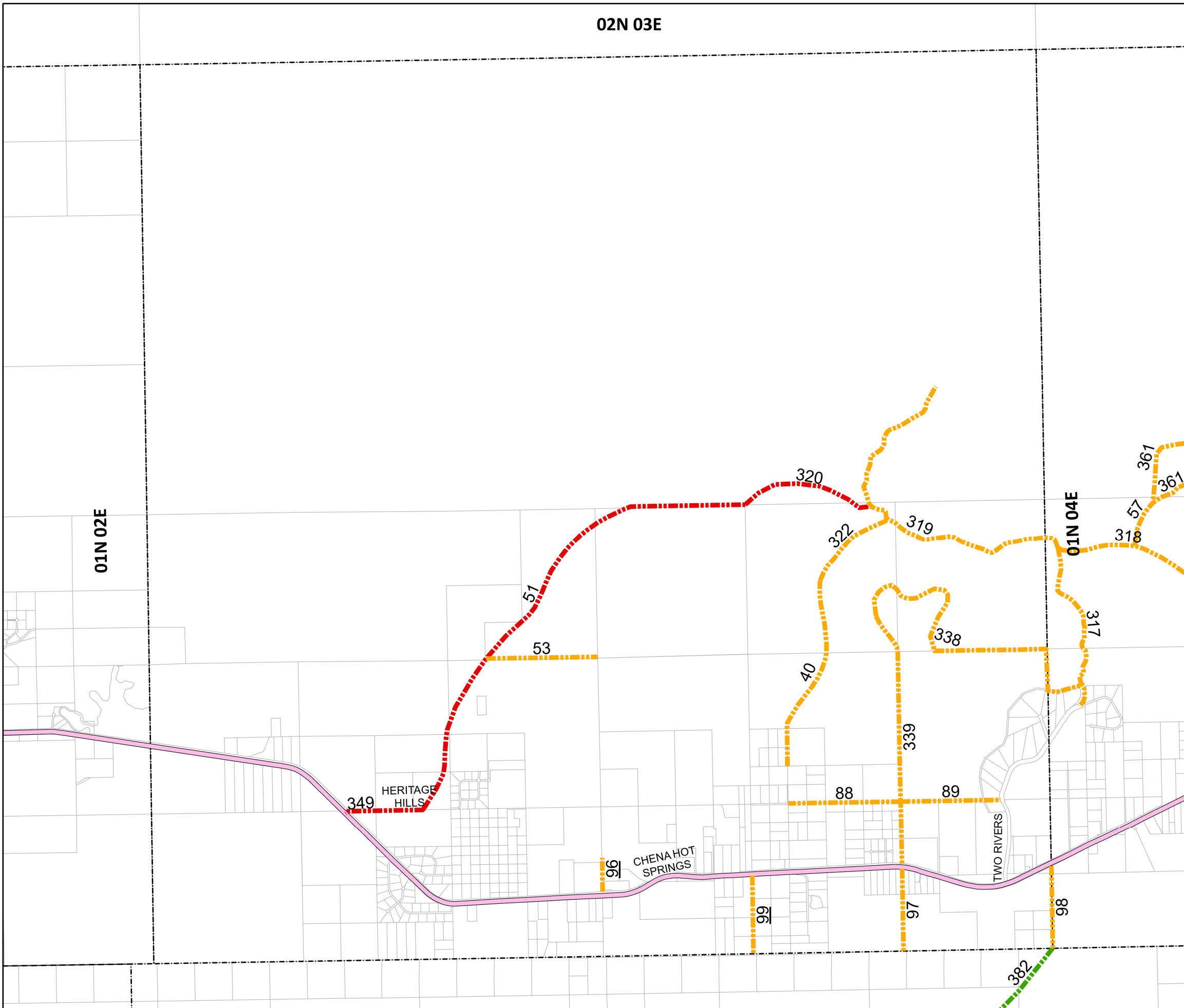


01N 02E

02N 03E

01N 02E



01N 04E






# Comprehensive Roads Plan

April 2024

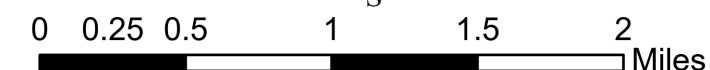
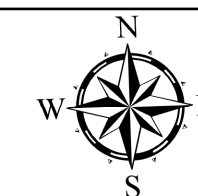
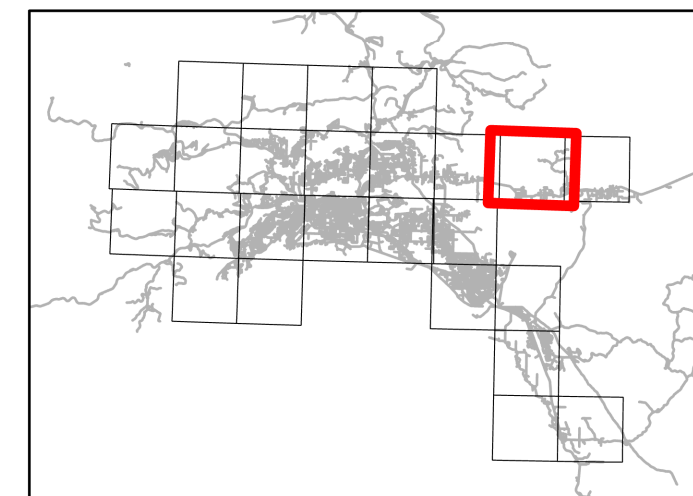
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

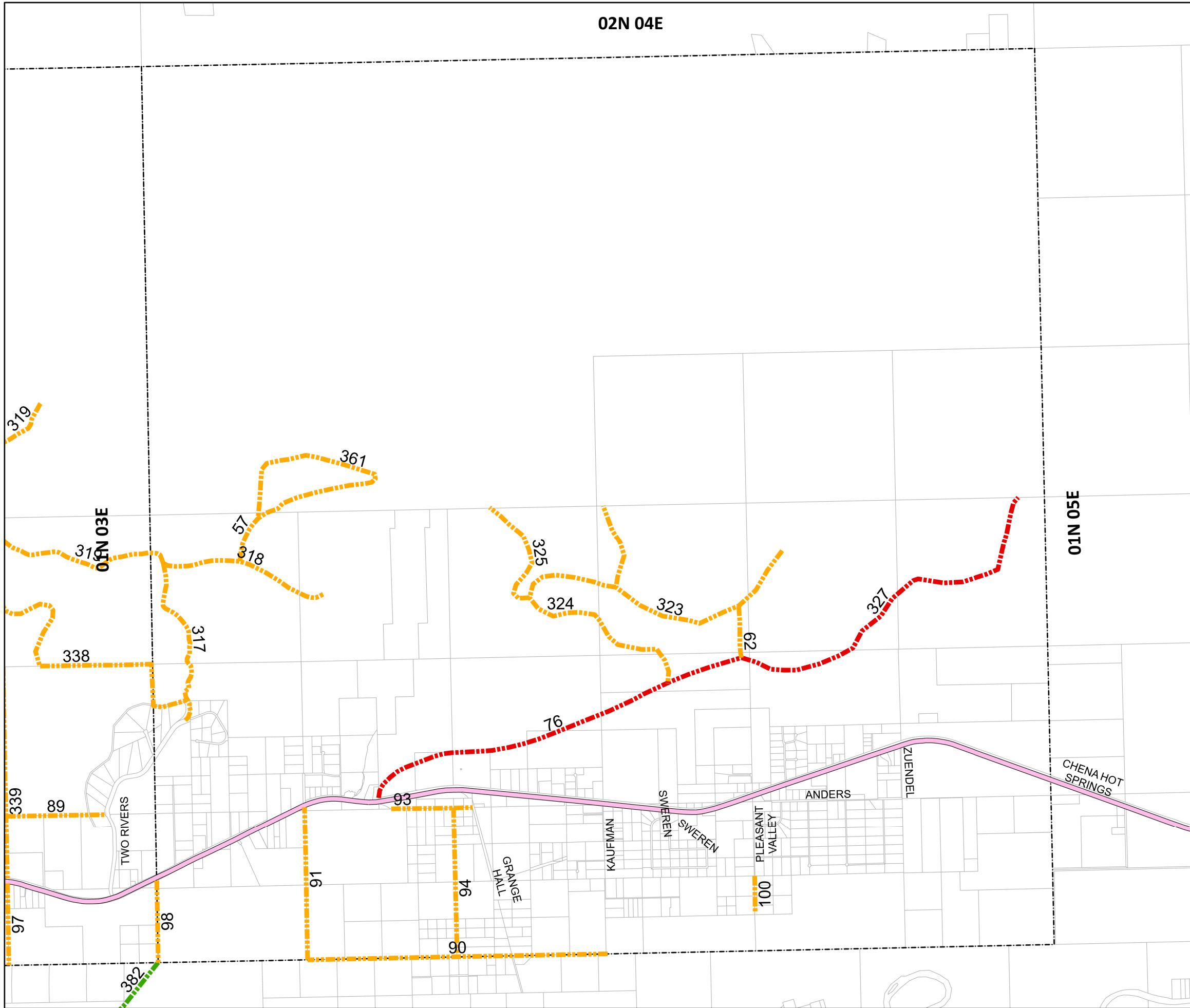
## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01N 03E



# Comprehensive Roads Plan

April 2024

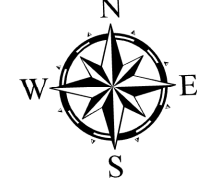
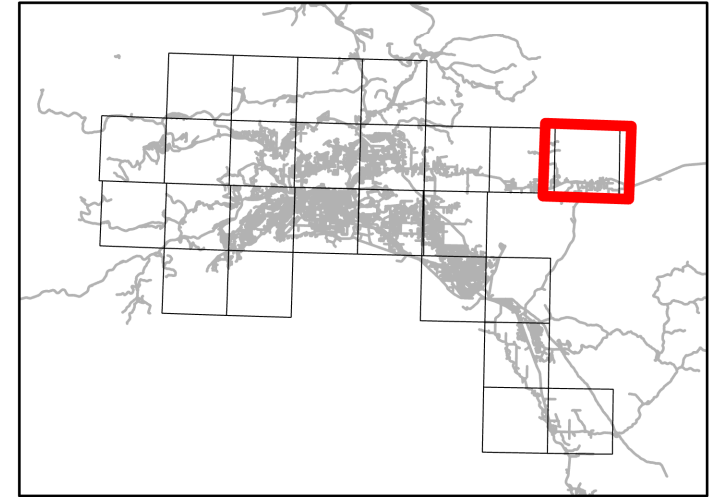
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

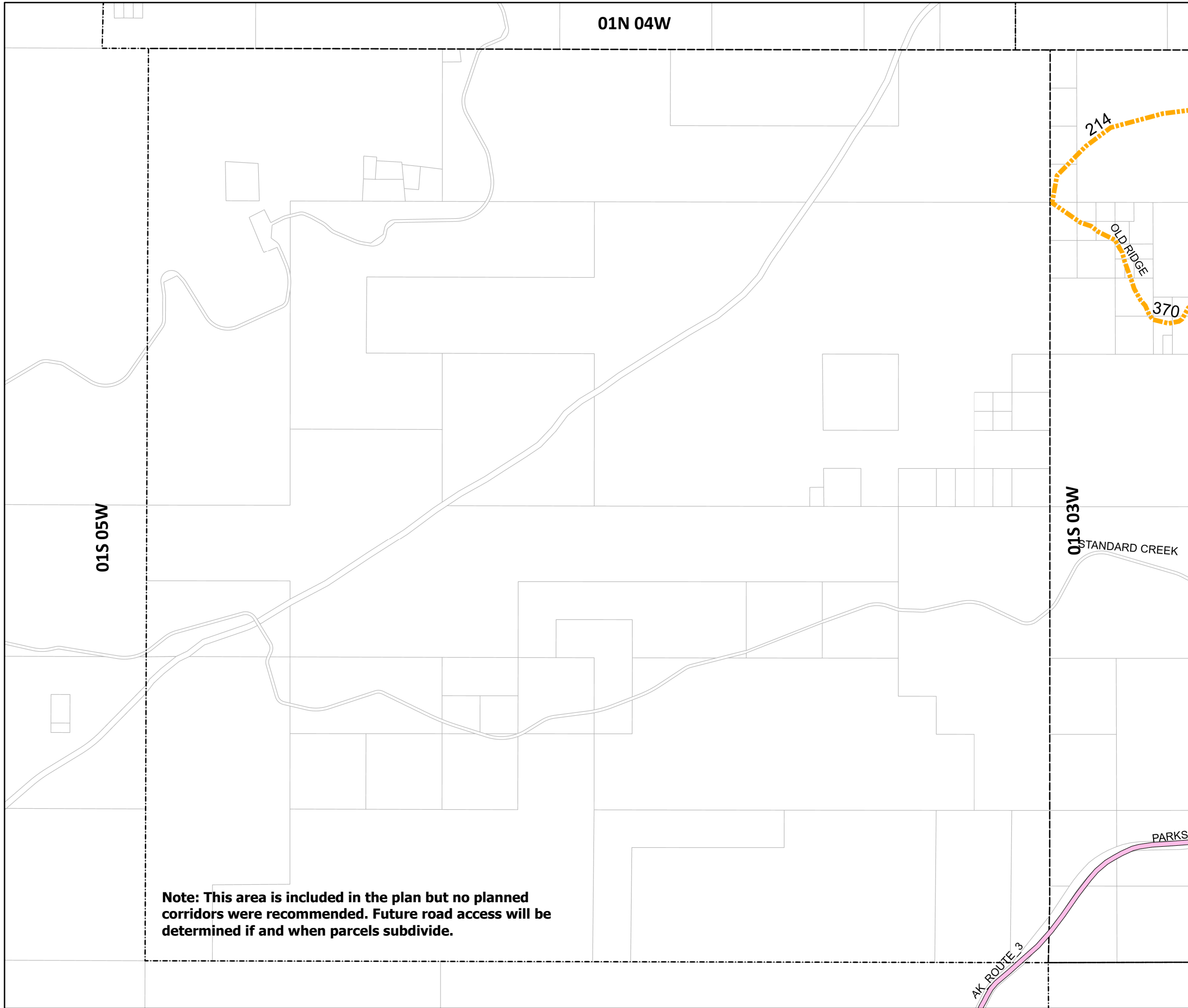
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





01N 04E






# Comprehensive Roads Plan

April 2024

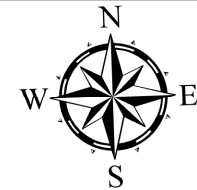
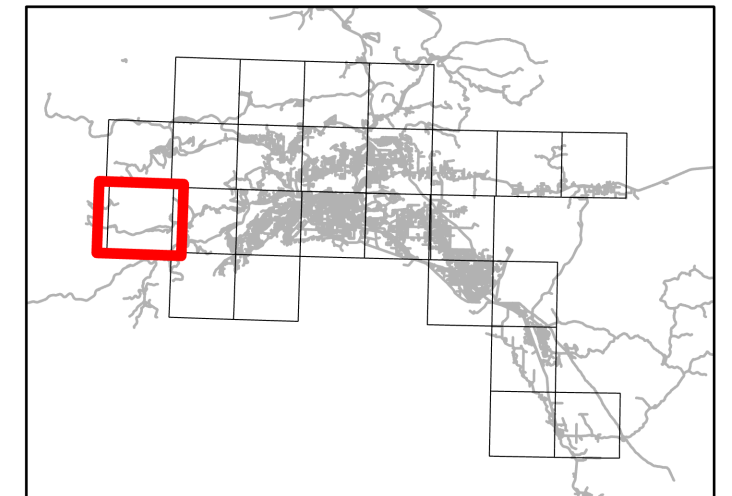
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The planned roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 04W



# Comprehensive Roads Plan

April 2024

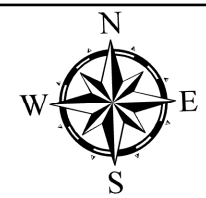
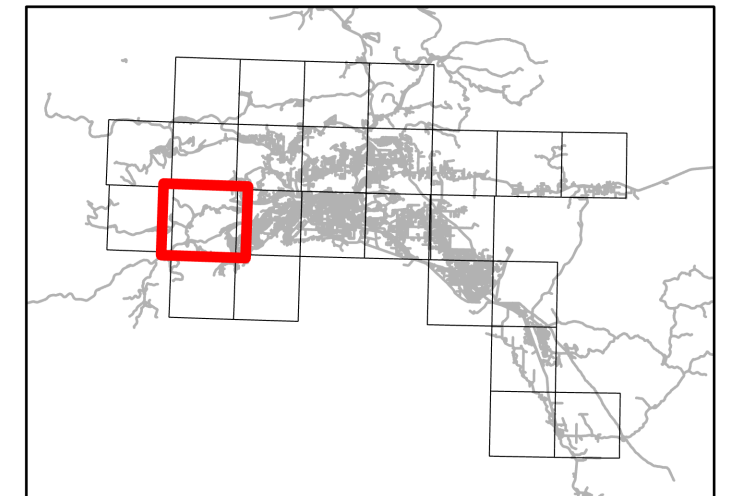
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

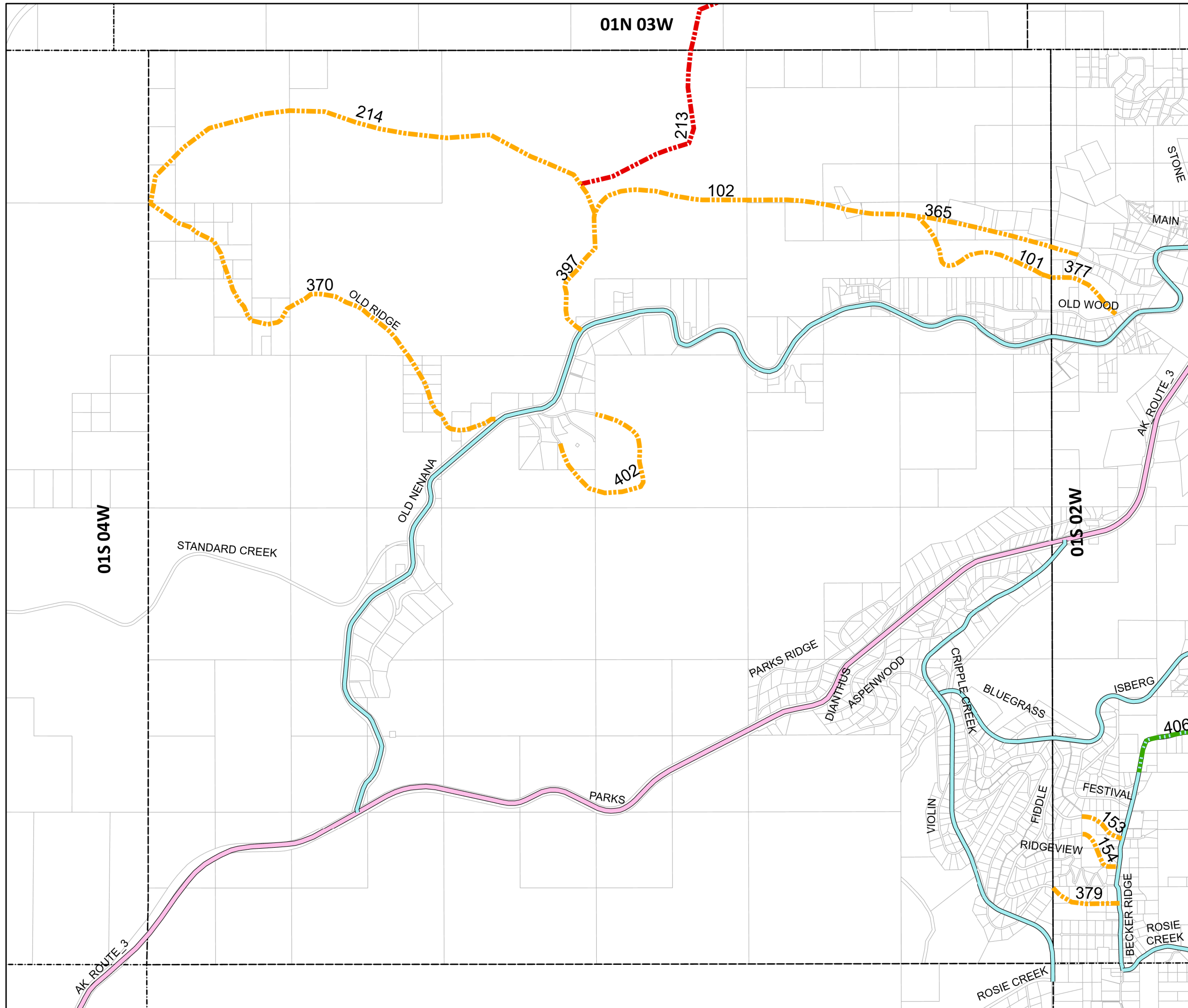
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 03W





# Comprehensive Roads Plan

April 2024

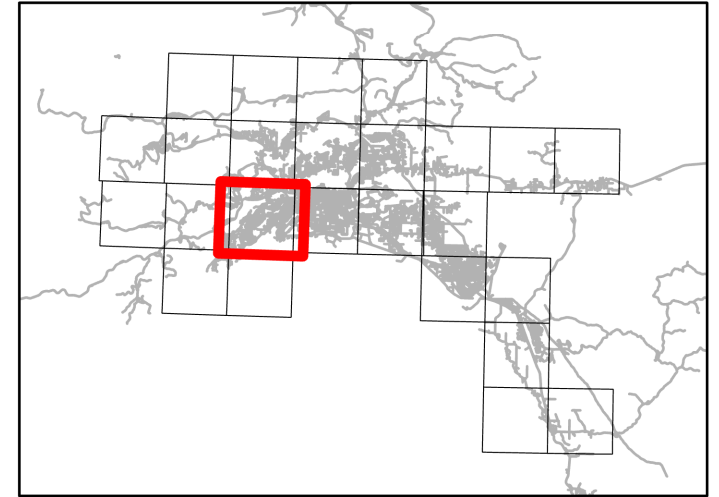
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

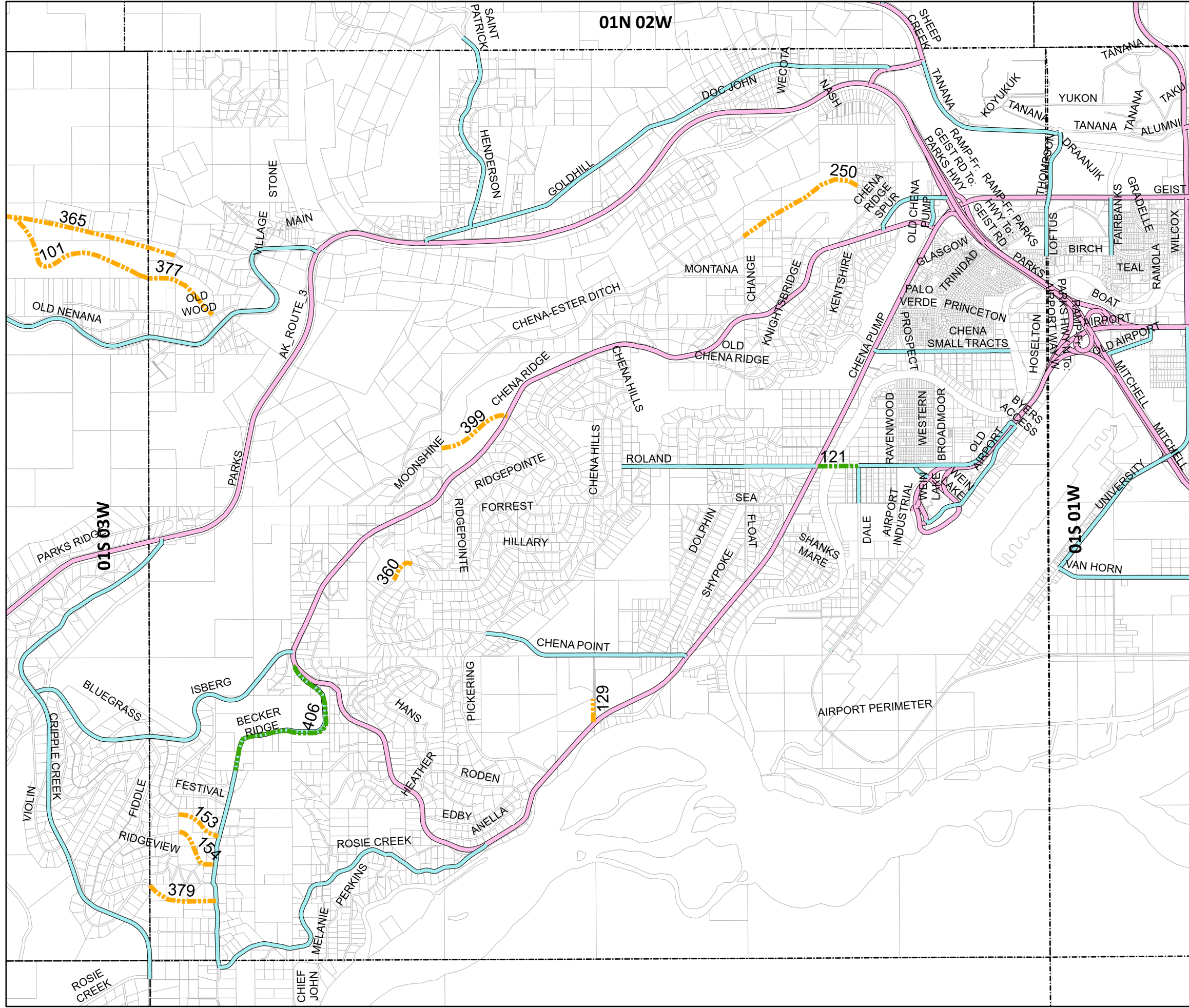
## Future Road Corridors

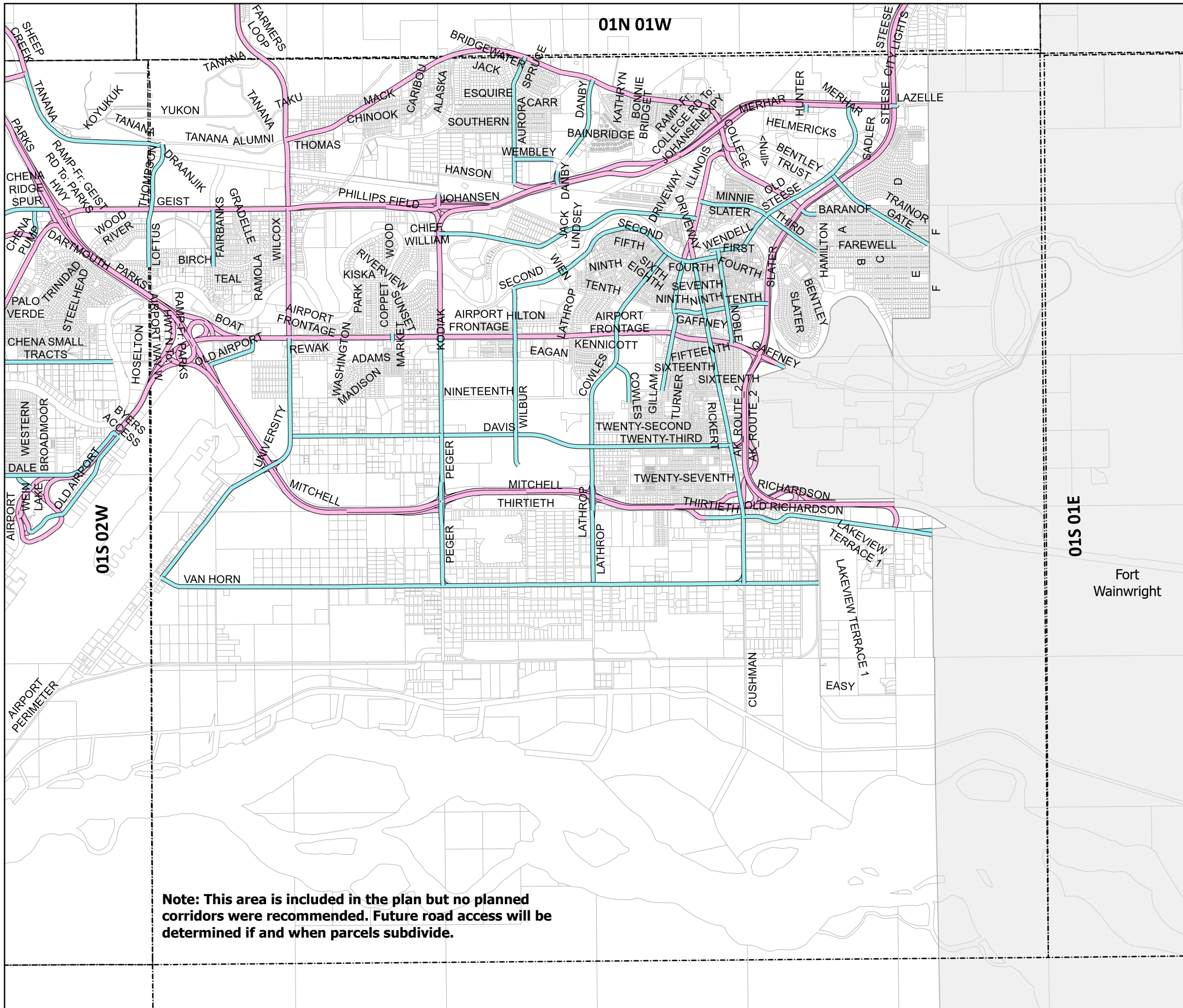
- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 02W





**Note:** This area is included in the plan but no planned corridors were recommended. Future road access will be determined if and when parcels subdivide.



# Comprehensive Roads Plan

April 2024

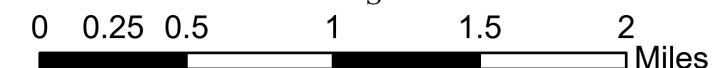
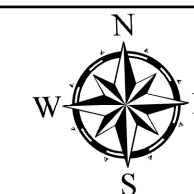
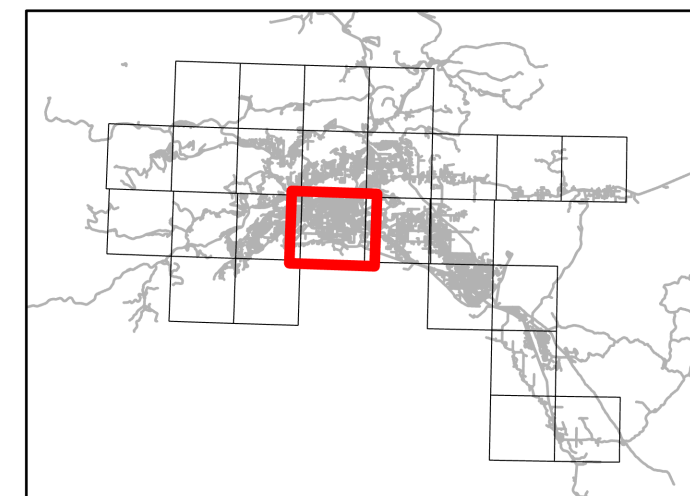
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

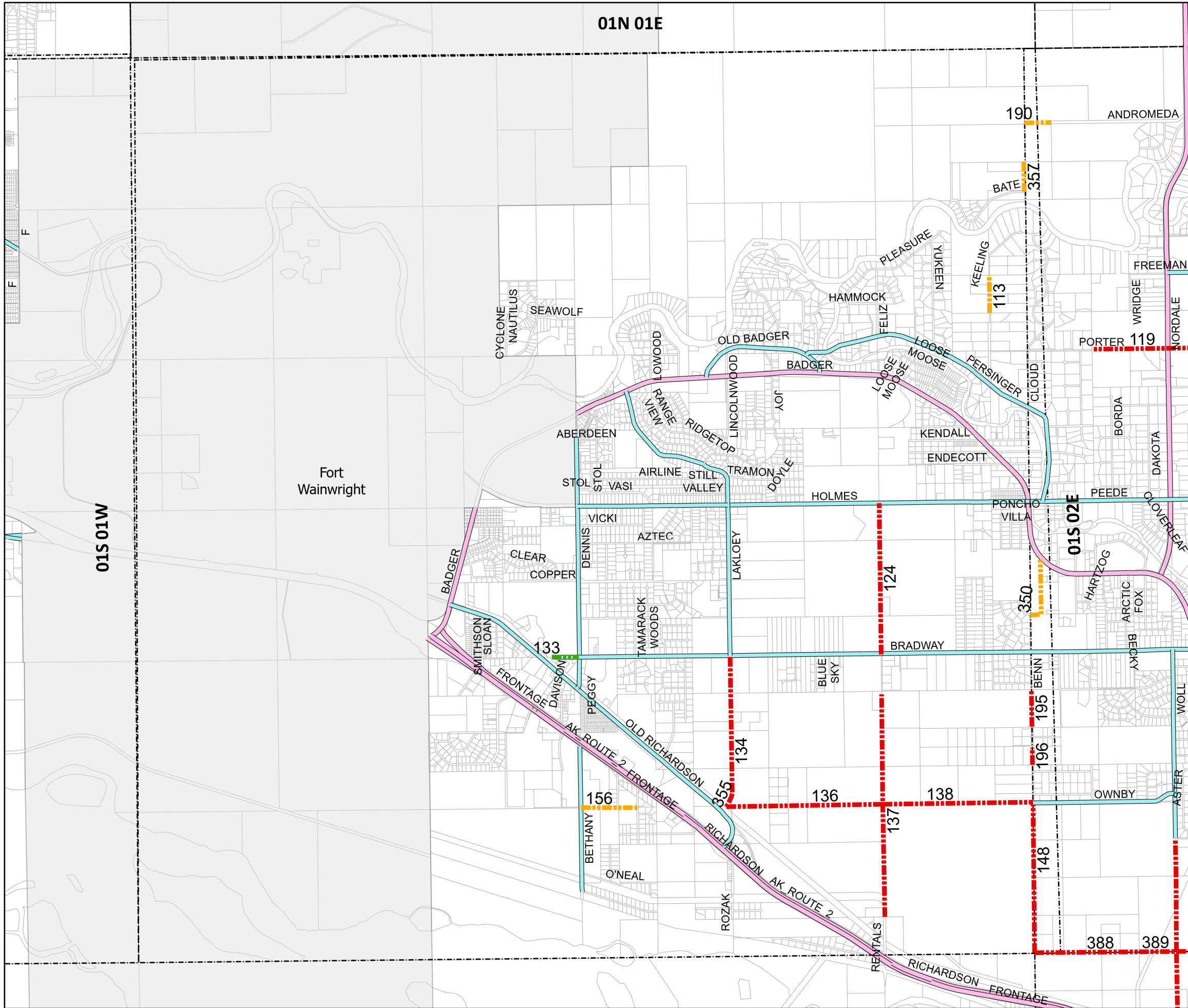
## Future Road Corridors

- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 01W



# Comprehensive Roads Plan

April 2024

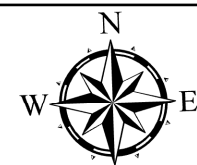
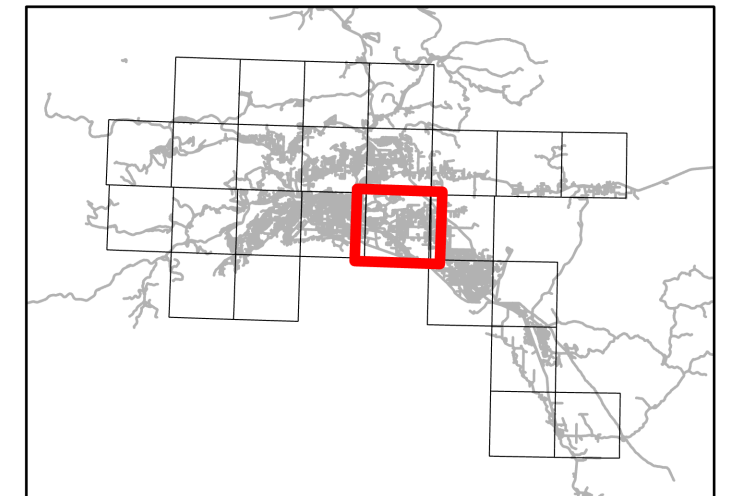
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

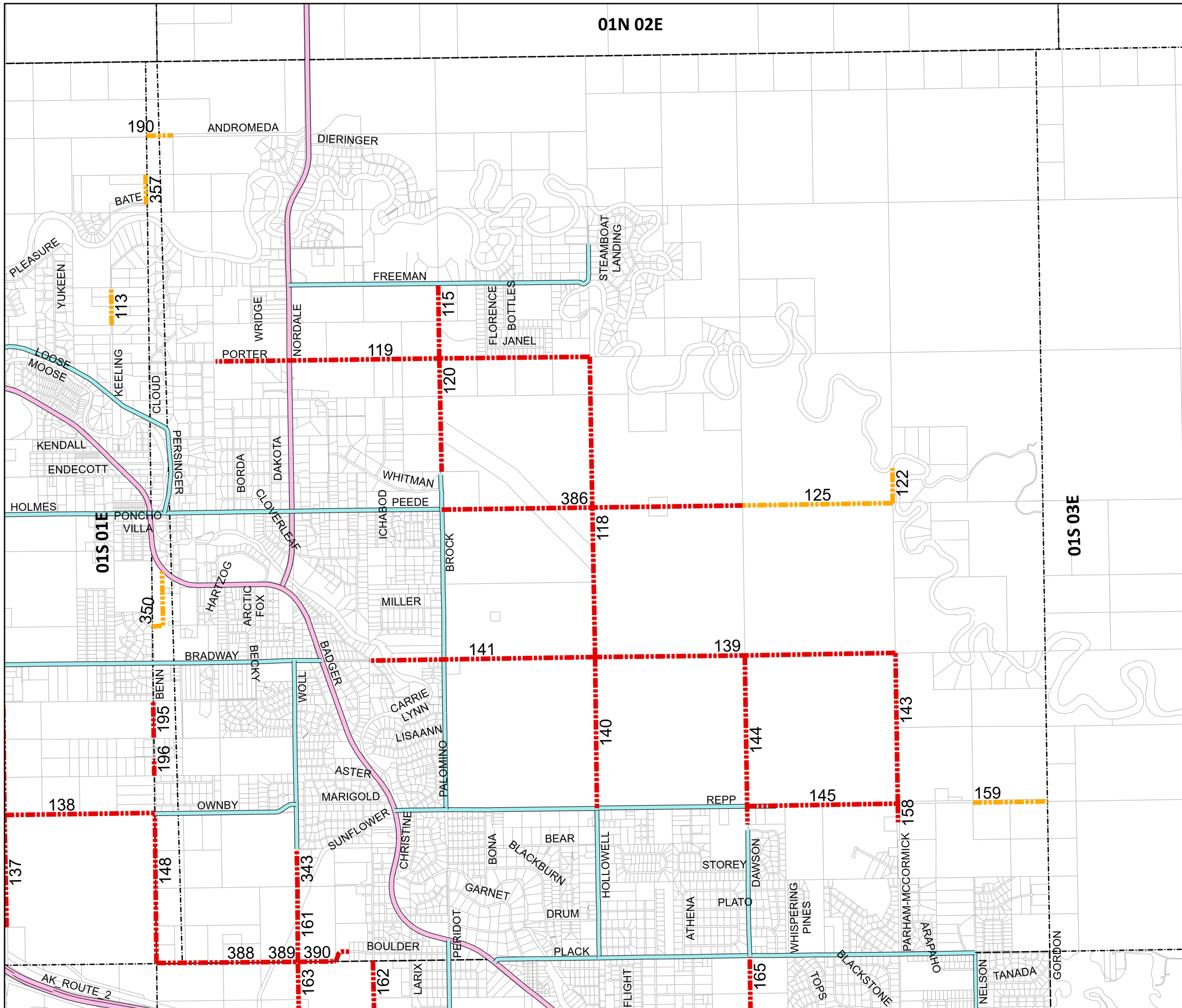
- - - MAJOR COLLECTOR
- - - MINOR COLLECTOR
- - - FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 01E





# Comprehensive Roads Plan

April 2024

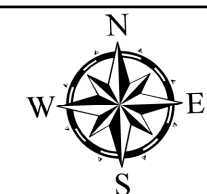
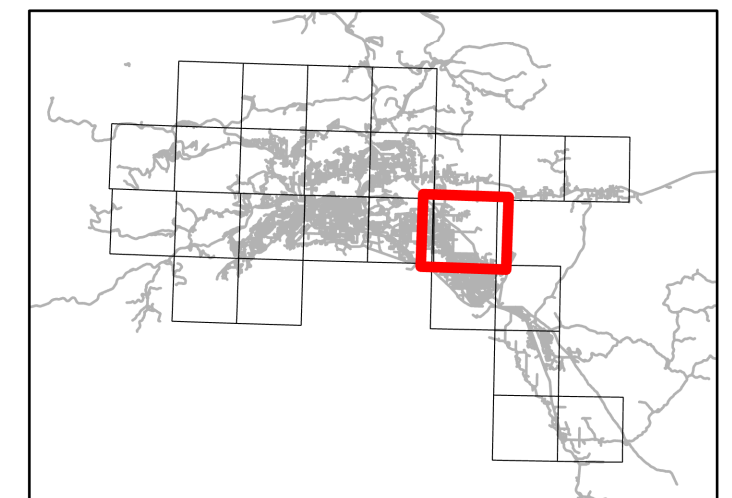
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

- - - MAJOR COLLECTOR
- - - MINOR COLLECTOR
- - - FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



01S 02E



# Comprehensive Roads Plan

April 2024

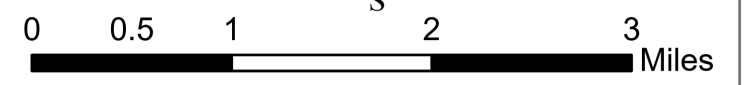
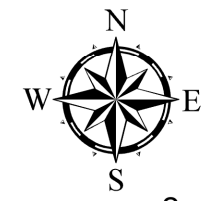
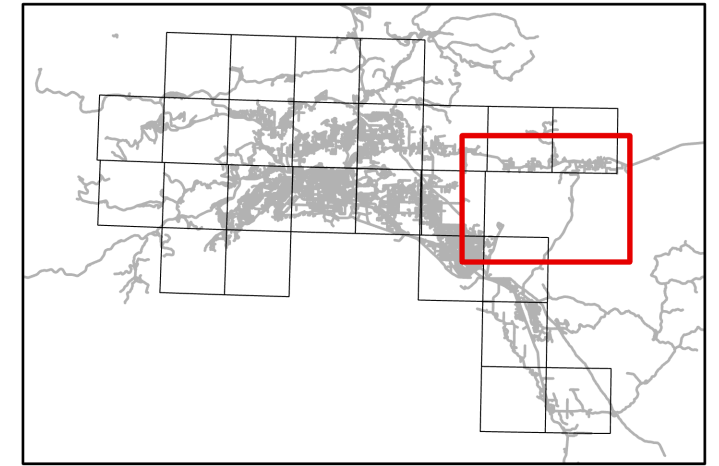
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

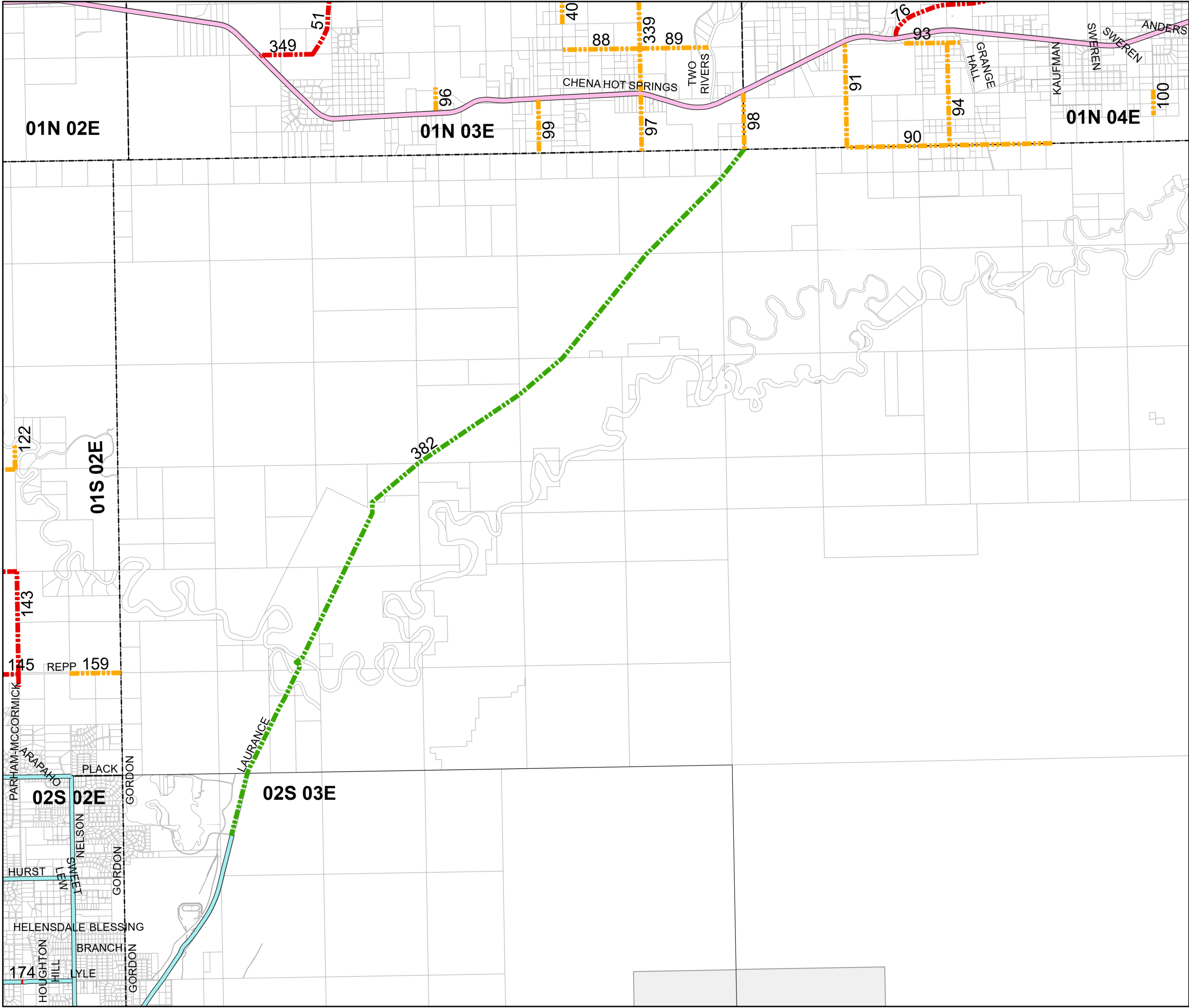
## Future Road Corridors

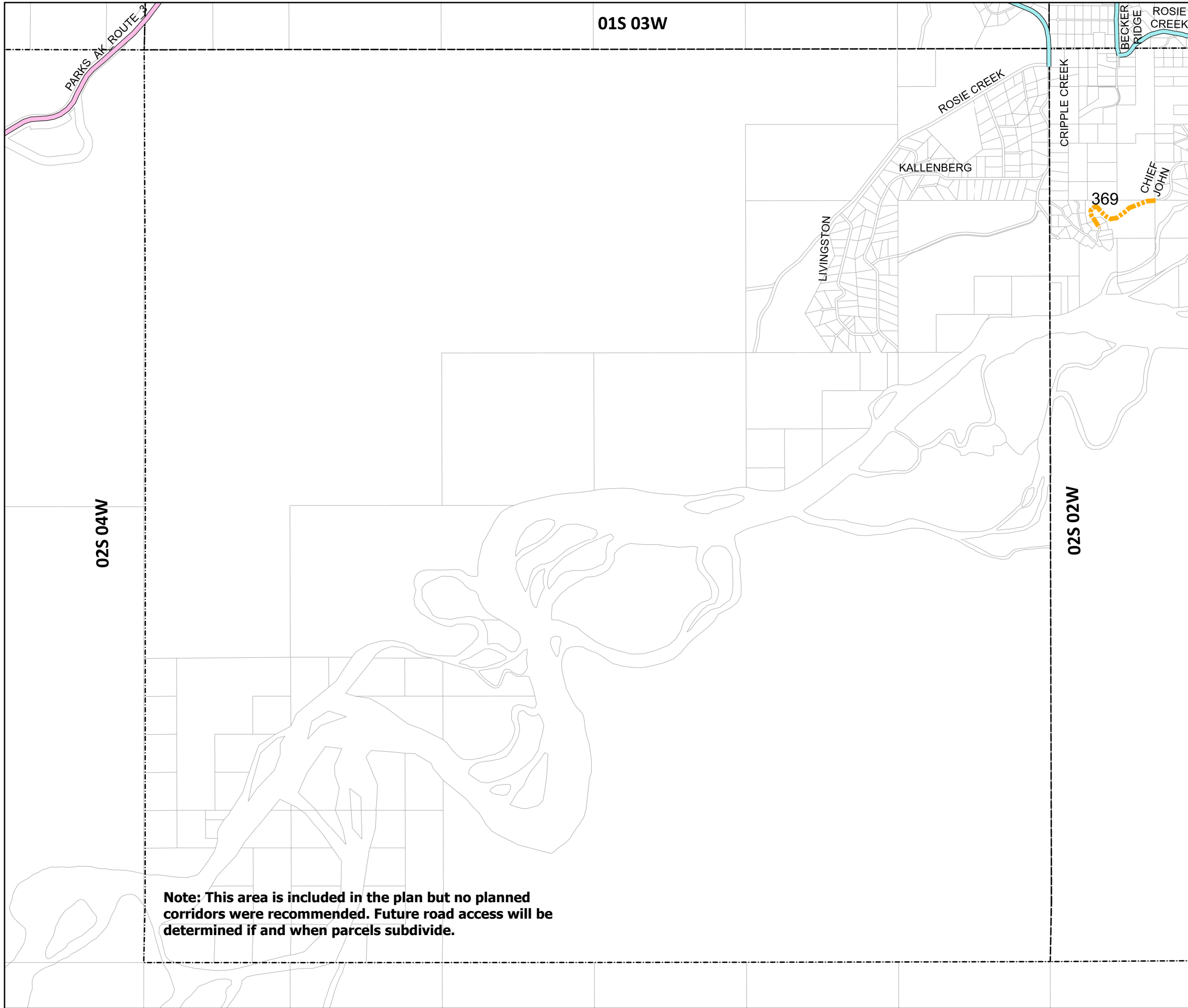
- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



Future Study, Outside of Project Area










# Comprehensive Roads Plan

April 2024

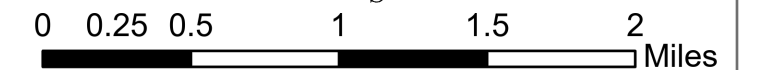
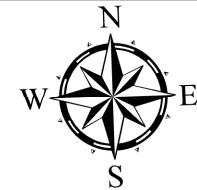
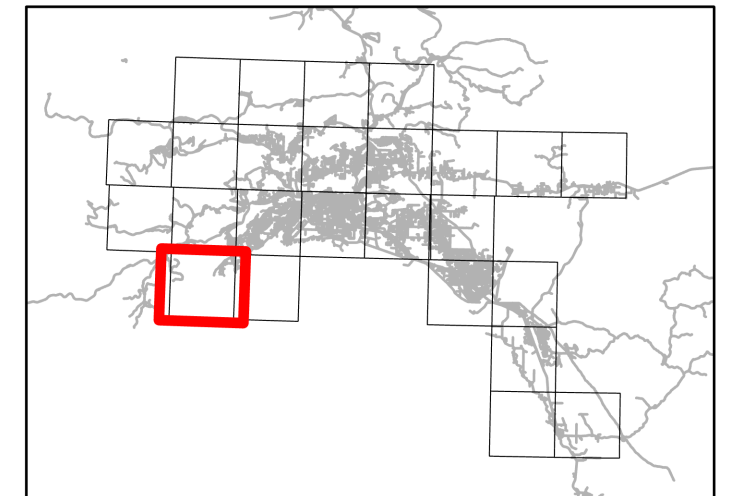
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

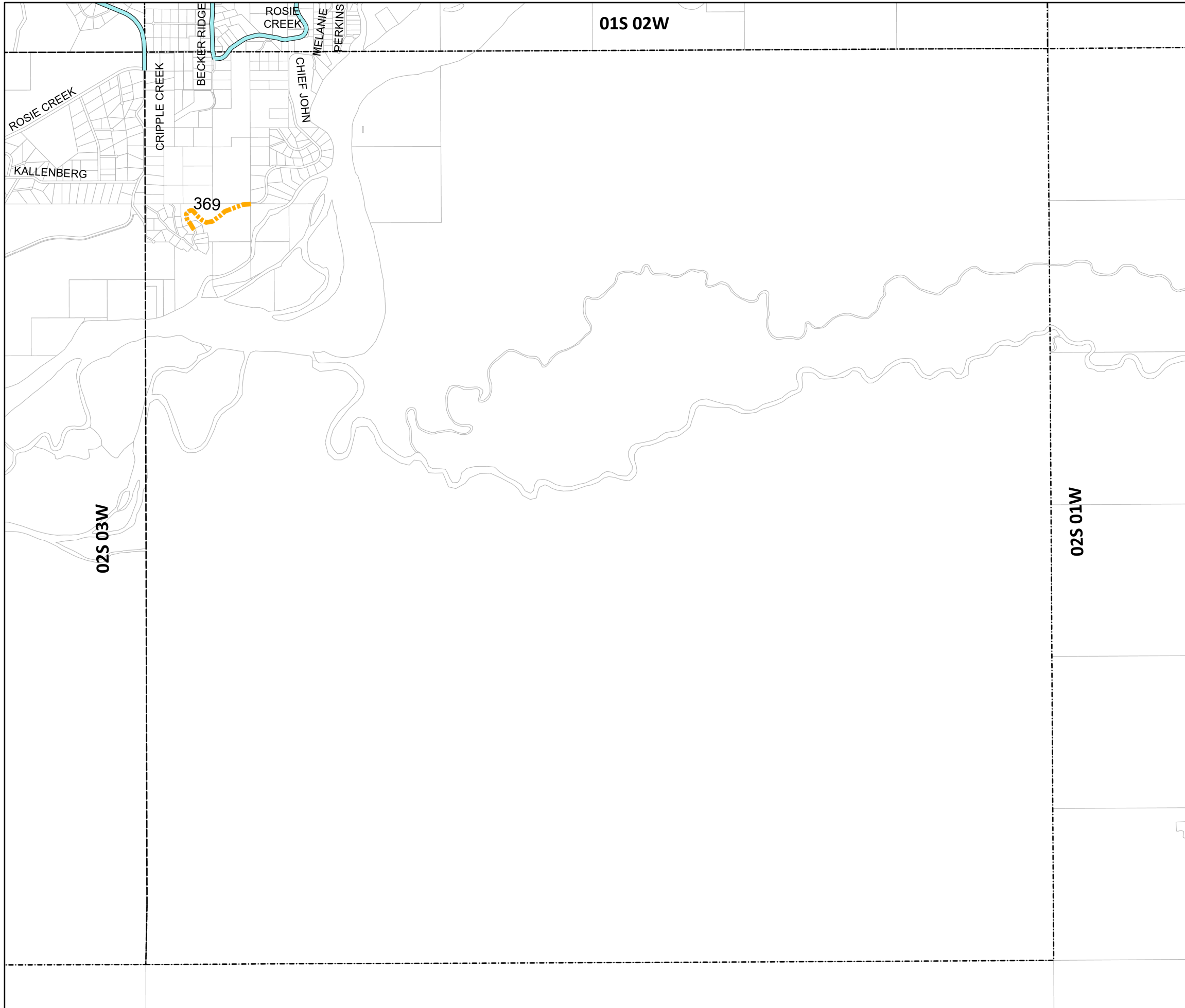
## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





02S 03W






# Comprehensive Roads Plan

April 2024

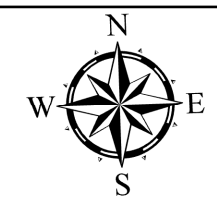
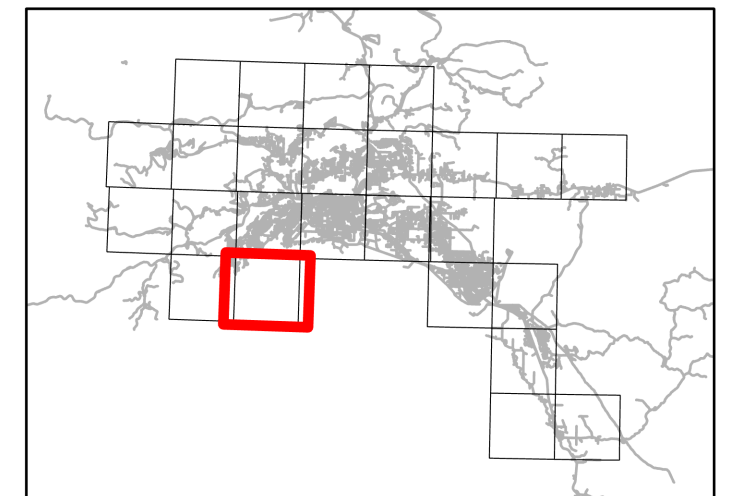
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



02S 02W



# Comprehensive Roads Plan

April 2024

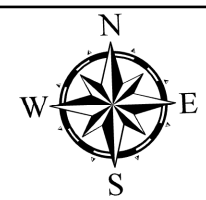
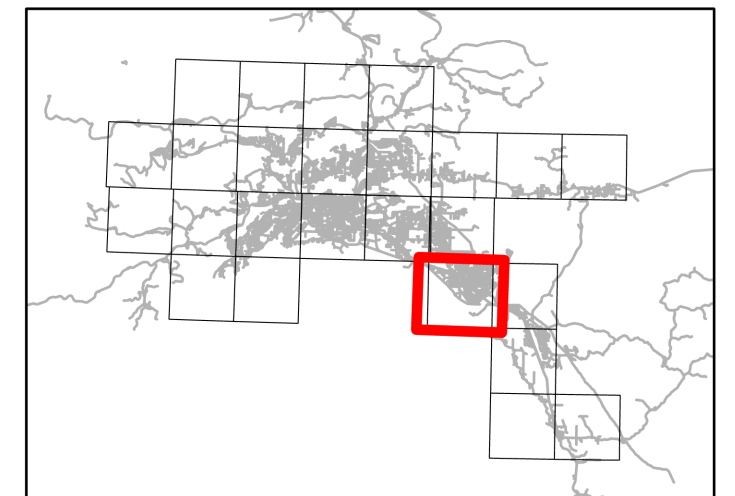
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

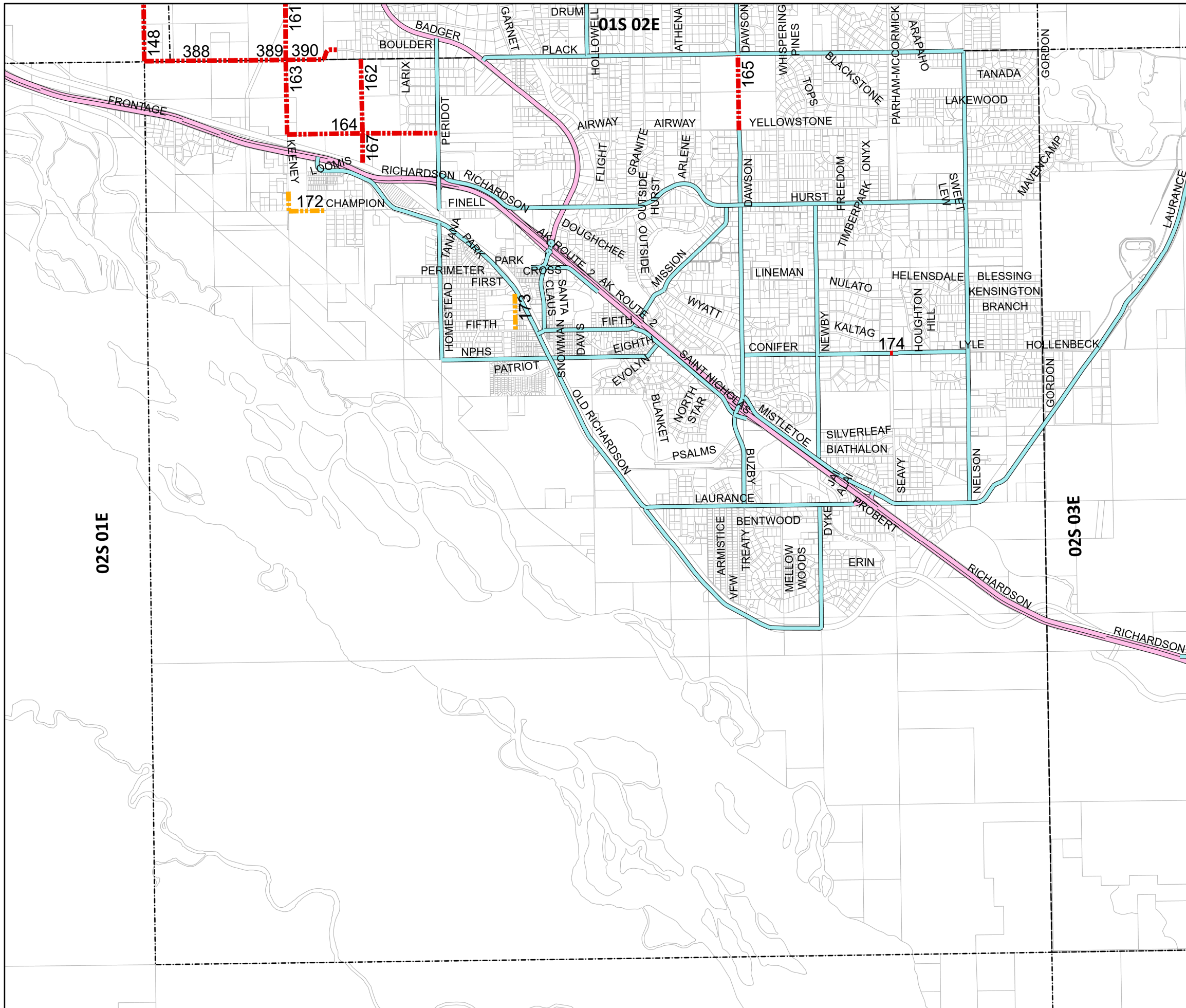
## Future Road Corridors

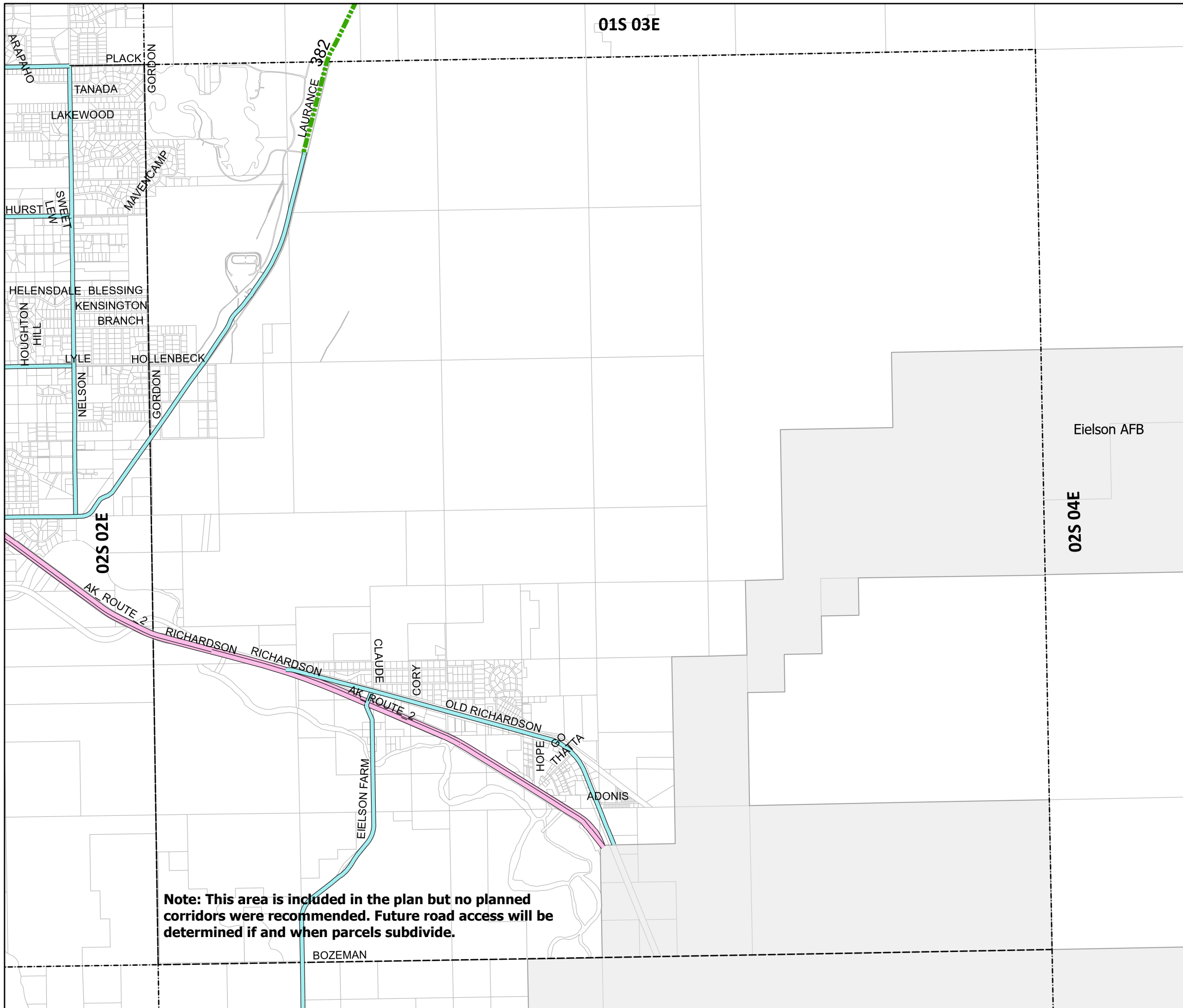
- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



02S 02E





# Comprehensive Roads Plan

April 2024

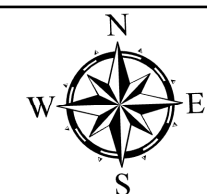
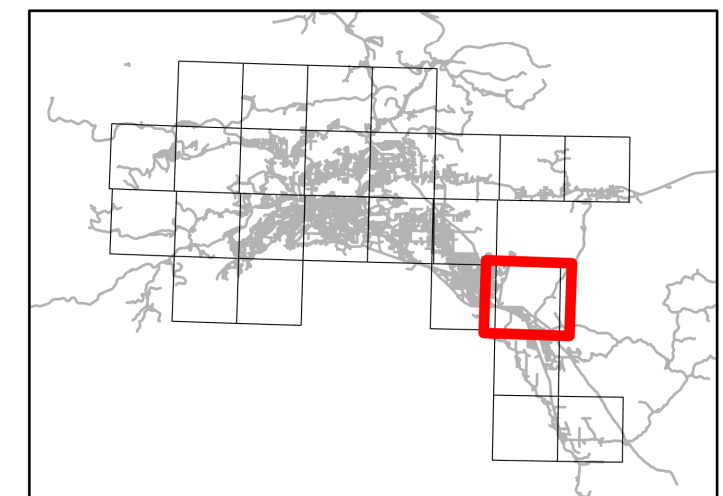
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

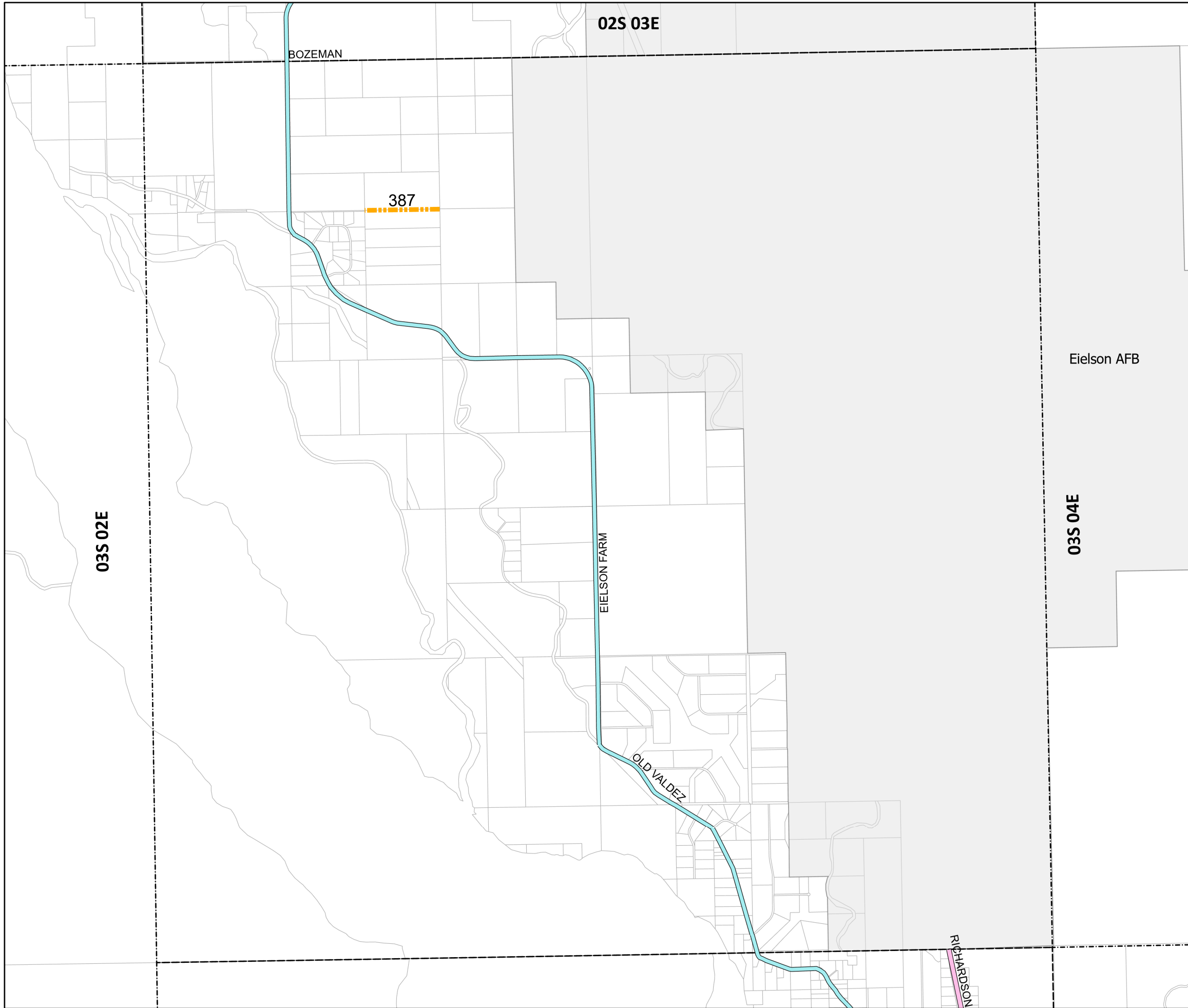
## Future Road Corridors

- - - MAJOR COLLECTOR
- - - MINOR COLLECTOR
- - - FUTURE STUDY

New corridors are classified as to their future function. The planned roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way





02S 03E






# Comprehensive Roads Plan

April 2024

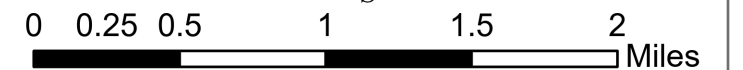
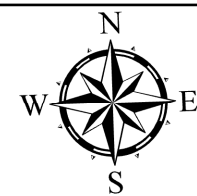
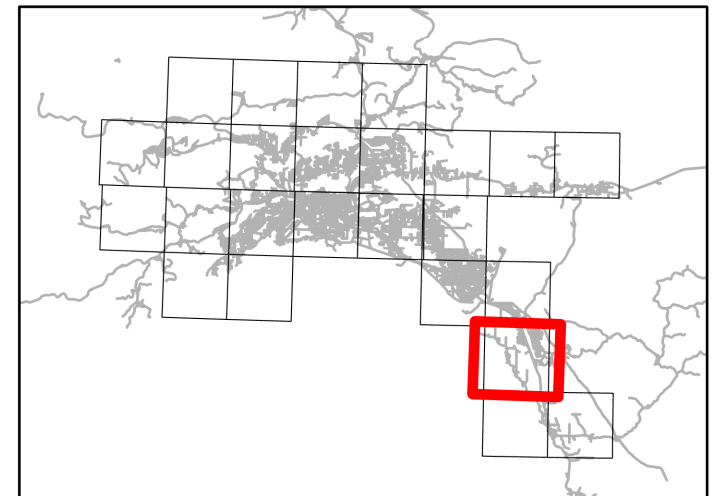
## Roadway Classification

-  EXISTING ARTERIAL
-  EXISTING MAJOR COLLECTOR

## Future Road Corridors

-  MAJOR COLLECTOR
-  MINOR COLLECTOR
-  FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



03S 03E

03S 03E

Eielson AFB

OLD VALDEZ LOOP

OLD RICHARDSON

RICHARDSON

JOHNSON

AK ROUTE 2

04S 02E

**Note: This area is included in the plan but no planned corridors were recommended. Future road access will be determined if and when parcels subdivide.**



# Comprehensive Roads Plan

April 2024

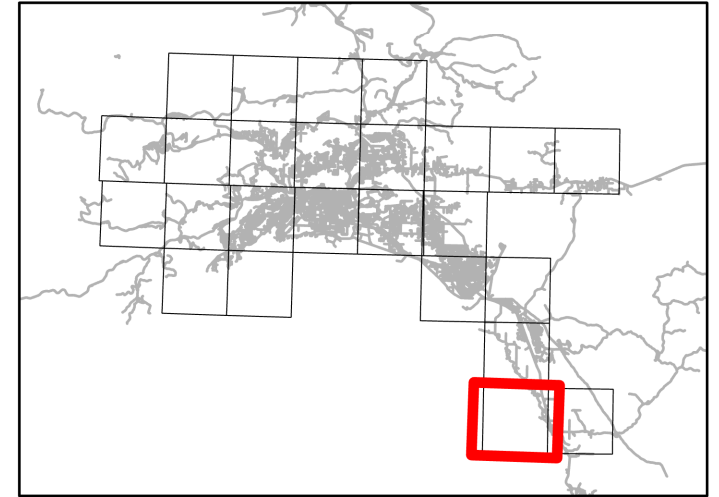
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

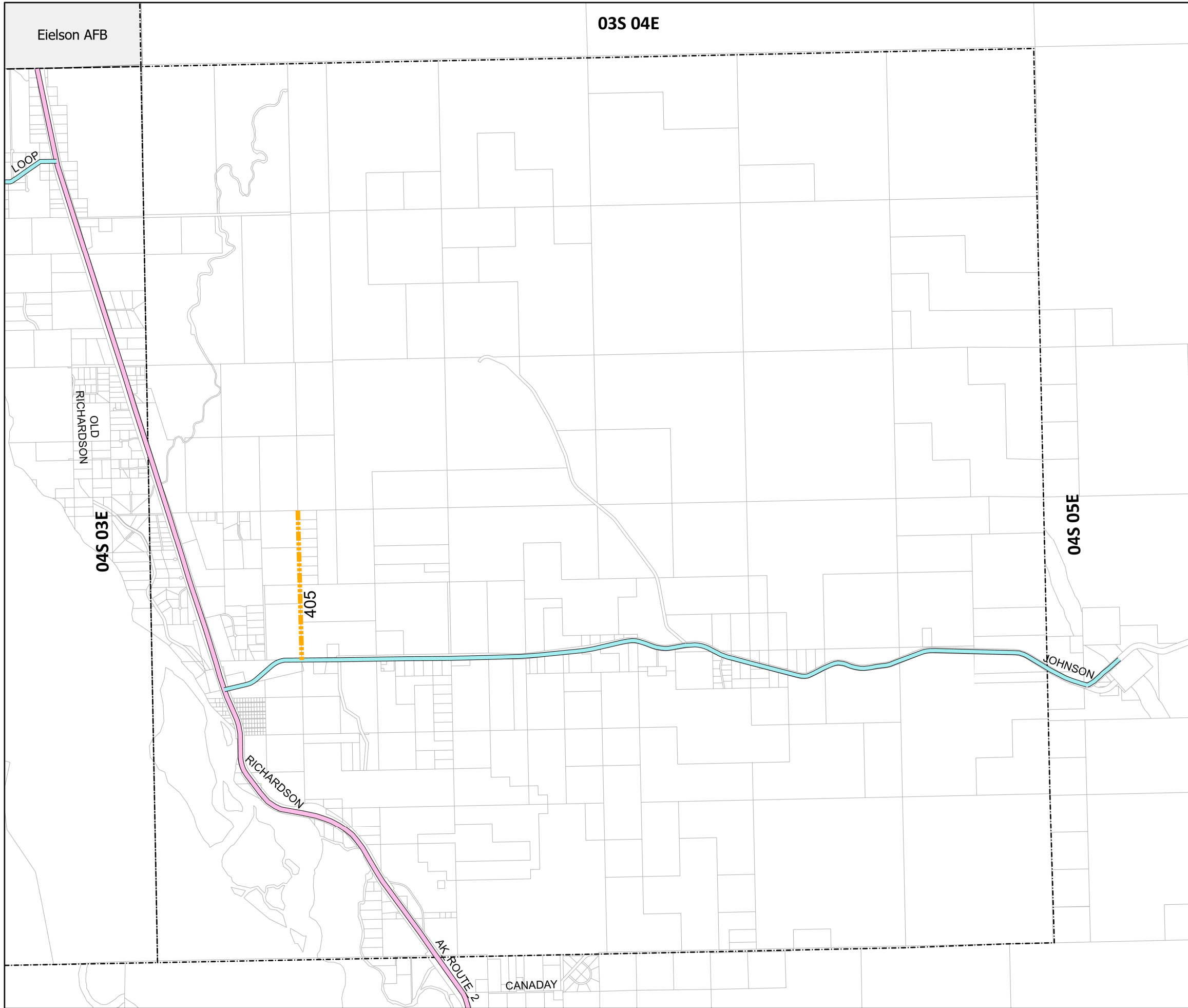
- MAJOR COLLECTOR
- MINOR COLLECTOR
- FUTURE STUDY

New corridors are classified as to their future function. The planned roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



04S 03E





# Comprehensive Roads Plan

April 2024

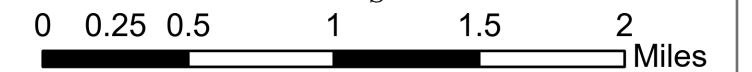
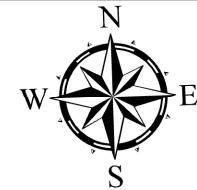
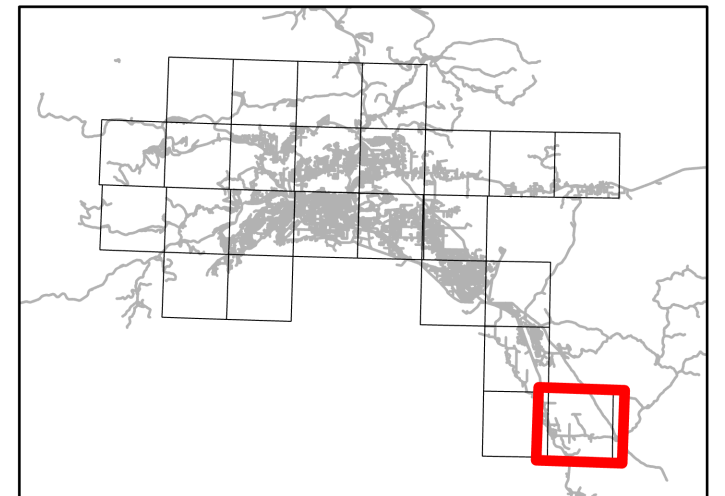
## Roadway Classification

- EXISTING ARTERIAL
- EXISTING MAJOR COLLECTOR

## Future Road Corridors

- - - - MAJOR COLLECTOR
- - - - MINOR COLLECTOR
- - - - FUTURE STUDY

New corridors are classified as to their future function. The platted roadway may or may not be constructed at this time. Areas with a new corridor overlapping a constructed roadway indicate where public right-of-way



04S 04E