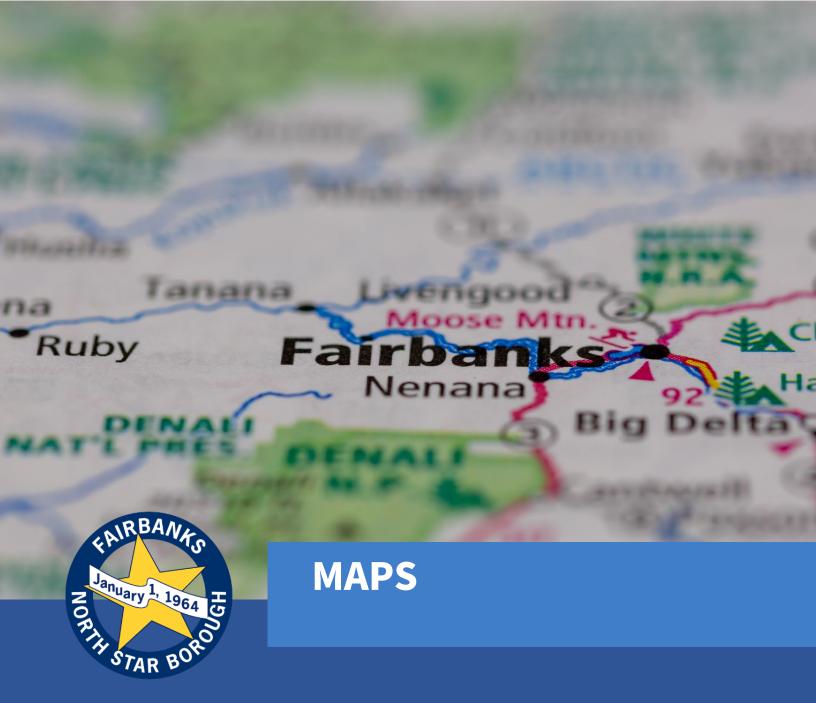


Official Maps and Policies

Department of Community Planning 907 Terminal Street, Fairbanks, AK 99709

November 2023 Final Draft





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. ¹⁵	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

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

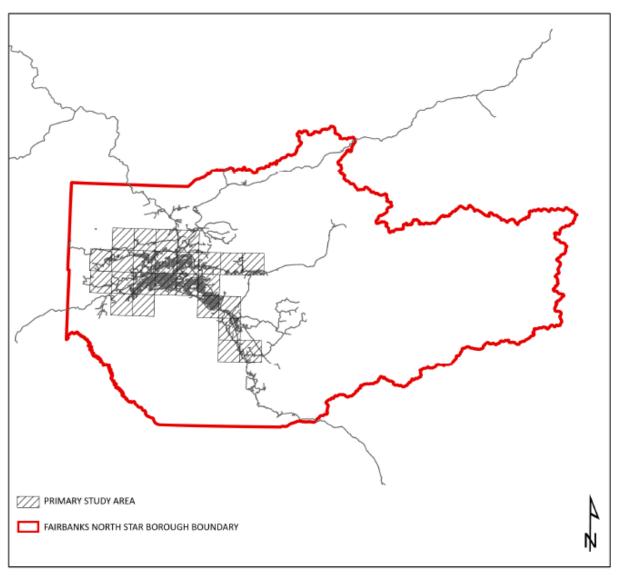


Figure 14: 2023 Roads Plan study area location shown within the FNSB boundary.

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 throught 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)
4	31
12	31
13	30, 29, 34
15	30, 35
18	29, 34
20	34
21	34
22	35
23	36
24	36
28	37
31	36
32	37
34	36
35	36
36	36
39	36
40	39
42	36
43	37
44	38, 37
45	38
46	38
47	38
48	37
51	39
53	39
56	37
57	40
62	40
64	35
65	37
66	36
68	38
70	38
71	38
72	35
73	35
75	36

Corridor	
No.	Page(s)
76	40
79	38
81	36
85	37
86	38
88	39
89	39
90	40
91	40
92	40
93	40
94	40
96	39
97	39
98	40
99	39
100	40
101	42
102	42
113	45
115	46
118	46
119	46
120	46
121	43
122	46
124	45
125	46
129	43
133	45
134	45
136	45
137	45
138	45
139	46
140	46
141	46
143	46
144	46

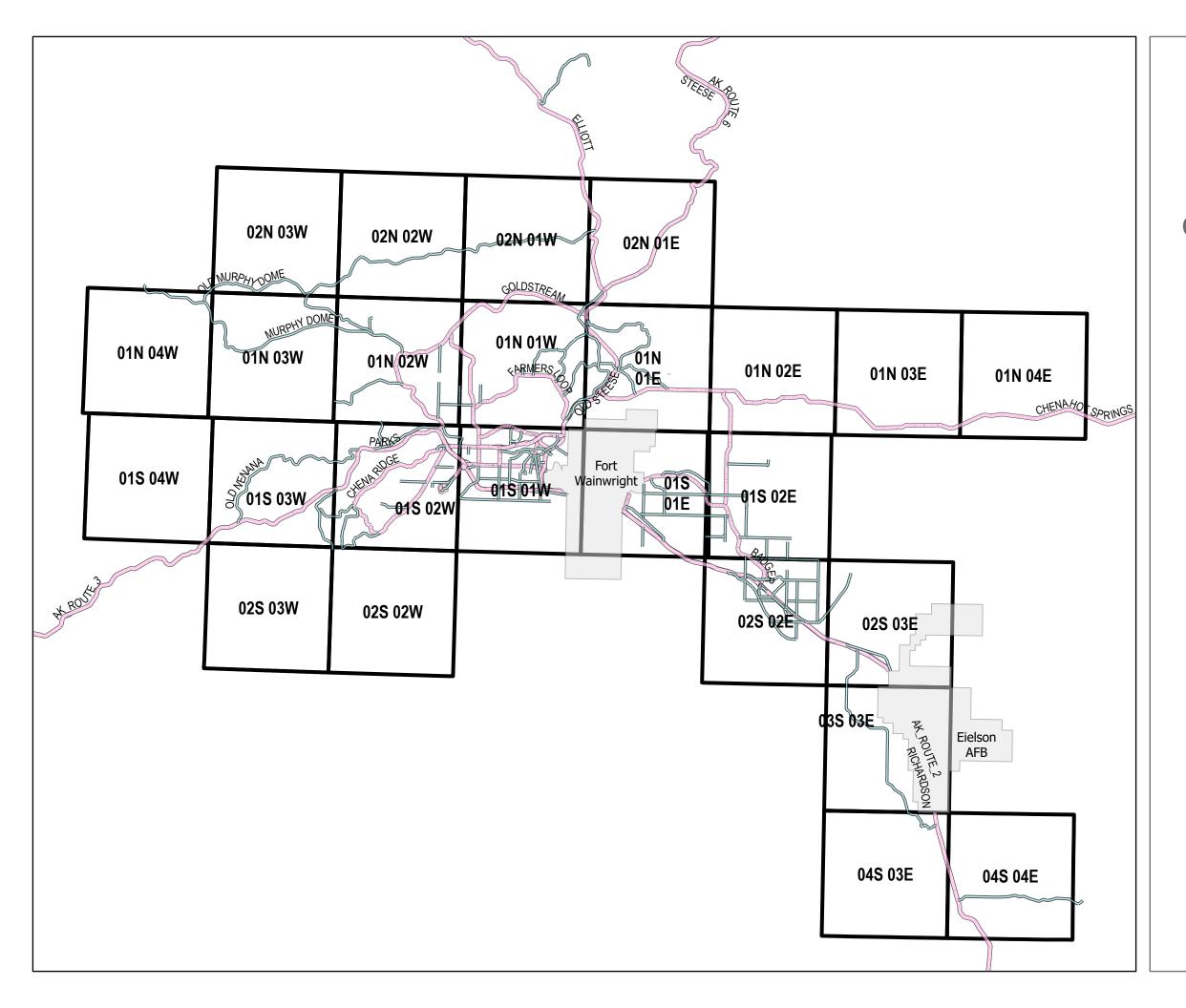
Corridor No.	Page(s)
145	46
148	45, 46
153	43
154	43
156	45
158	46
159	46
161	46
162	50
163	50
164	50
165	50
167	50
171	50
172	50
173	50
174	50
180	31
181	31
183	32
190	46, 45
191	34
193	38
194	38
195	45, 46
196	45, 46
204	34
205	29
207	31
208	31
209	31
213	34, 42
214	42
217	35
228	29
232	34
234	31
243	36
250	43

Corridor No.	Page(s)
251	36
254	34
255	34
256	33
262	31
263	31
265	36
272	33
273	30, 35
274	36
275	36
278	37
279	36
281	36
282	36
287	31
293	30
301	32
305	37
309	38
310	37
314	38
317	40
318	40
319	39
320	39
322	39
323	40
324	40
325	40
327	40
328	45
331	37
334	32
335	37
336	37
337	38
338	39

339

39

Corridor No.	Page(s)
342	46
343	46
349	39
350	45, 46
352	37
355	45
357	45, 46
358	32
359	37
360	43
361	40
362	38
365	42
369	49
370	42
372	30, 35
373	29
374	29
375	35
377	43
379	43
382	47,51
383	37
384	37
386	46
387	52
388	46, 50
389	46, 50
390	46, 50
397	42
399	43
402	42
404	37, 38
405	54
406	43





Comprehensive Roads Plan

November 2023

Map Key

