



**Town of Firestone
Board of Trustees
Work Session Meeting**

July 15, 2020
7:30 PM
Virtual Meeting
2 Park Avenue
Firestone, CO 80504

1. ACCESS INFORMATION

1.a. Town of Firestone is inviting you to a scheduled Zoom meeting.

Topic: 07-15-2020 Board of Trustees Work Session
Time: Jul 15, 2020 07:30 PM Mountain Time (US and Canada)

Join Zoom Meeting

<https://us02web.zoom.us/j/88498308602?pwd=NDRidVZyVIBKOEQ5Q2ZUVFIRbW5OZz09>

Meeting ID: 884 9830 8602

Password: 533974

One tap mobile

+13462487799,,88498308602#,,,0#,,533974# US (Houston)

+16699009128,,88498308602#,,,0#,,533974# US (San Jose)

Dial by your location

+1 346 248 7799 US (Houston)

+1 669 900 9128 US (San Jose)

+1 253 215 8782 US (Tacoma)

+1 312 626 6799 US (Chicago)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)

Meeting ID: 884 9830 8602

Password: 533974

Find your local number: <https://us02web.zoom.us/u/ki8su5pRU>

2. CALL TO ORDER

3. PLEDGE OF ALLEGIANCE

4. DISCUSSION ITEMS

4.a. Parks, Open Space and Trails Master Plan Presentation and Discussion

5. ADJOURNMENT

* Individuals that desire to address the Board of Trustees are requested to sign up at the table at the entrance to the meeting room. Each individual will be provided an opportunity to speak (limited to two minutes) during Public Comment. Maximum time permitted for all Public Comment is 30 minutes.

If you need special assistance in order to participate in a Board of Trustees meeting, please contact the Town Clerk's Office at 303-833-3291 in advance of the meeting to make arrangements. A forty-eight-hour notice is requested.

**AGENDA INFORMATION
MEMORANDUM**

**FIRESTONE
TOWN BOARD OF TRUSTEES**



AIM#: 4.a

DISCUSSION ITEMS

Meeting Date: July 15, 2020

Initiated By:

Dept:

AGENDA TITLE

Parks, Open Space and Trails Master Plan Presentation and Discussion

SUMMARY

HISTORY AND PREVIOUS BOARD ACTION

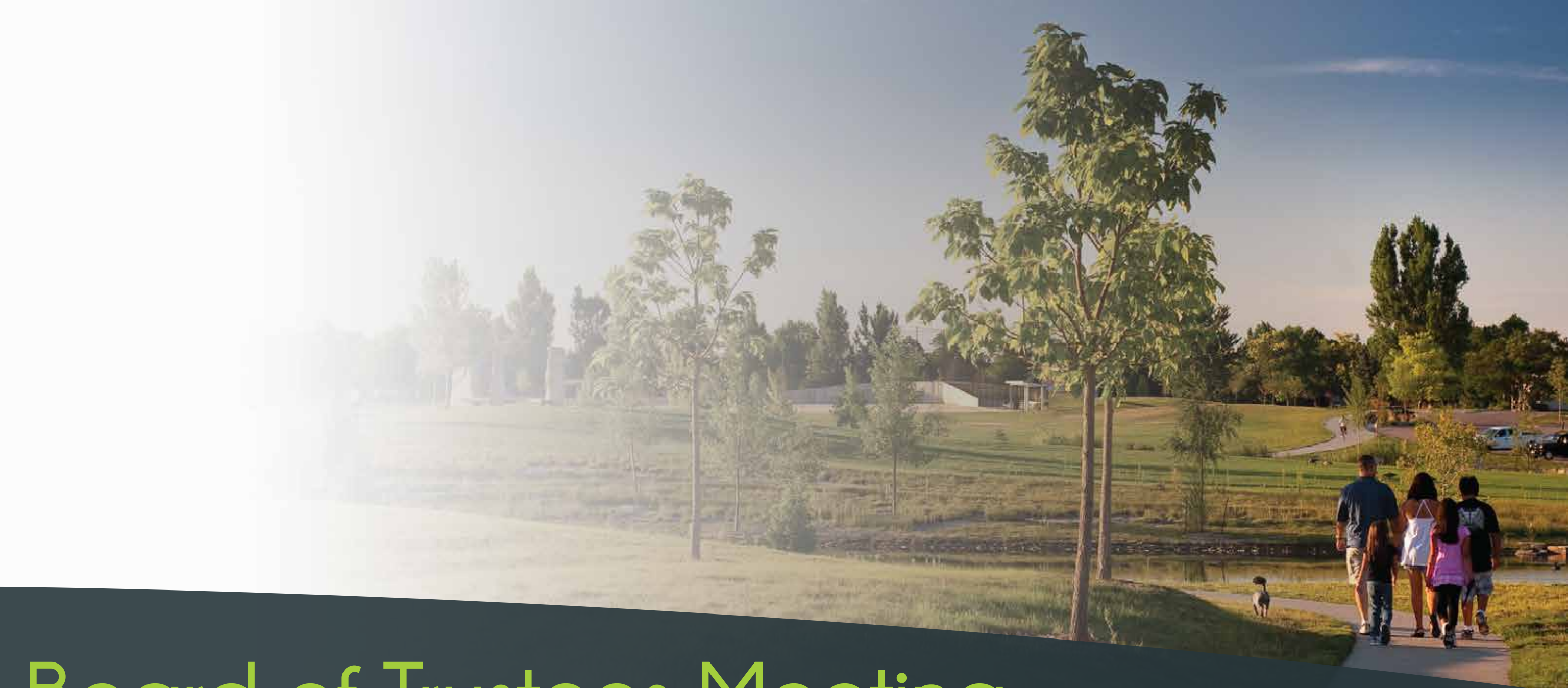
RECOMMENDATION

ALTERNATIVES

ATTACHMENTS

1. BoT Mtg Presentation

FINANCIAL CONSIDERATIONS



Board of Trustees Meeting

Town of Firestone Parks, Open Space & Trails Master Plan
June 24, 2020



DESIGN
CONCEPTS

Our Team



We thank you for participating!

Presentation Agenda

- 1) Inventory & Level of Service Analysis
- 2) Community Survey
- 3) Capital Improvement Plan

Agenda

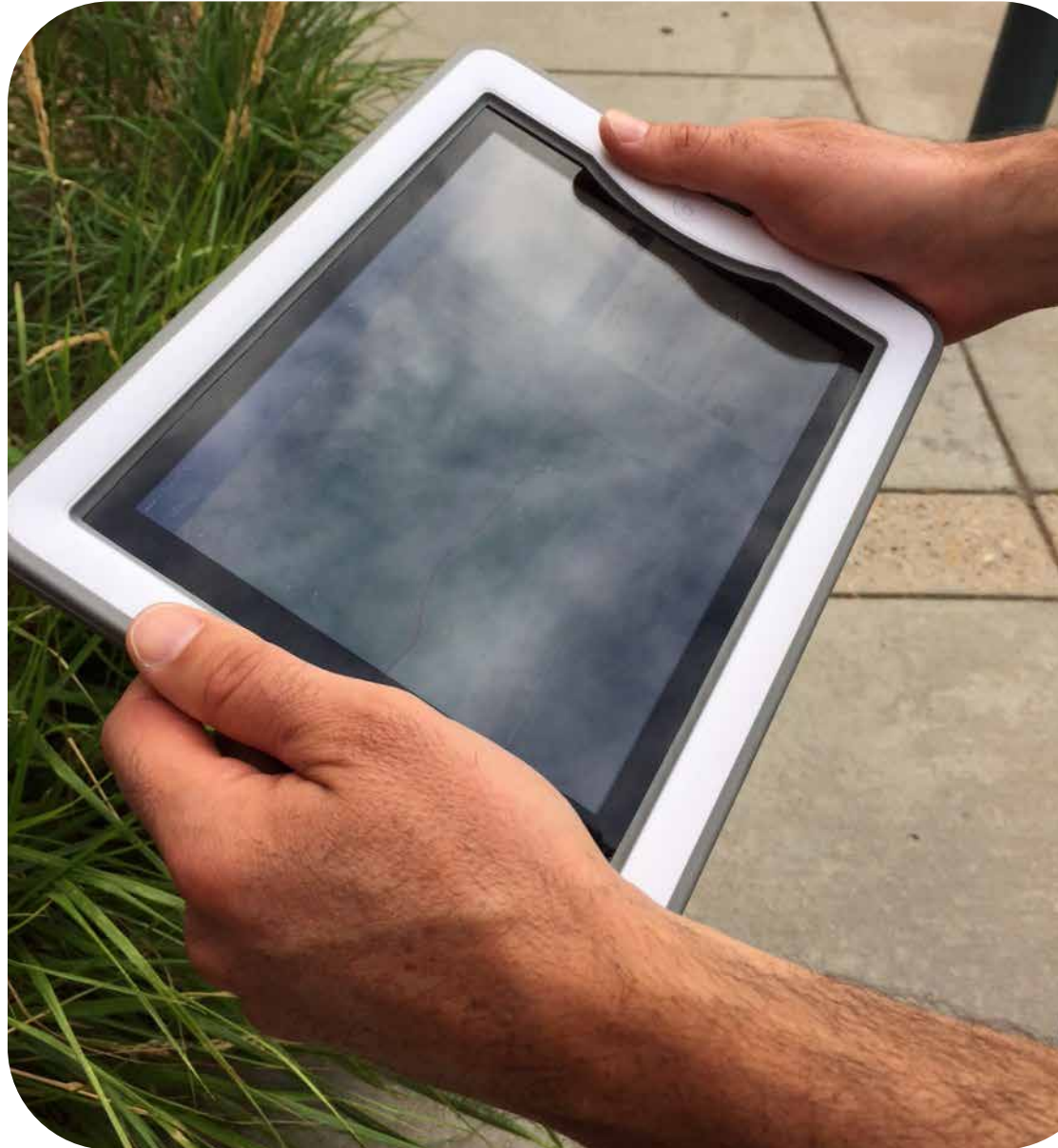


GRASP[®] Methodology



Inventory & Analysis

Inventory



Component – a recreational asset that allows people to exercise, socialize, and maintain a healthy physical, mental, and social well being such as playgrounds, shelters, courts, paths, and other features

GRASP® Scoring:

1 = Below Expectations

2 = Meets Expectations

3 = Exceeds Expectations

All components and sites scored based on component type, condition, functionality, site design, ambiance and quality

Inventory



This playground would be minimally valued (2.2 GRASP® Value), based on the undeveloped site and lack of amenities



A more inviting site with identical equipment at a location with various amenities and desirable site qualities, would be valued 3.5 times higher (7.8 GRASP® Value)

Inventory



The 2019 Town of Firestone includes the following:

164 Total Components

37 Total Trail Miles

31 Town Park Lands

15 HOA Parks

4 School Properties

1 State Park

Assessment

Firestone park land system:

- Historic community w/ character and favorable geography, mountain vistas, mature tree canopy, and various open water bodies
- Park land system sites well distributed
- Broad range of options, variety of experiences
- Developing trail system clearly a priority, highlighted by Firestone Trail



Level of Service Analysis

GRASP® Level of Service Analysis evaluates how parks, open space and trails in the Town of Firestone serve the community:

“General Access”

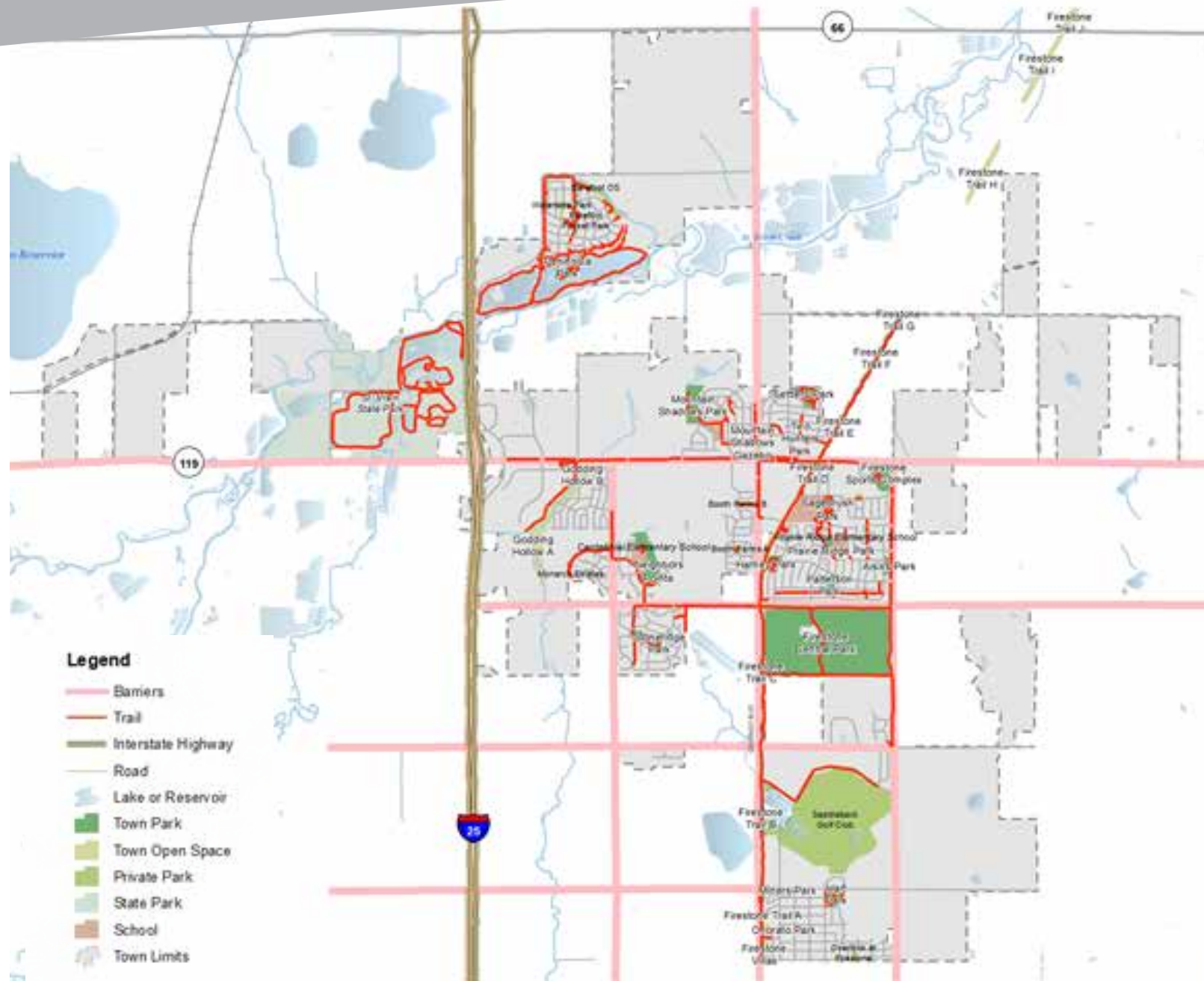
- Includes outdoor sites and trails
- One mile service areas with one-half mile premium

“Walkable Access”

- Includes outdoor sites and trails
- One-half mile service areas or a ten minute walk
- Barriers (highways, major roads) limit service areas



Walkable Access



“Barriers” limit service areas and include highways and major roads

- US Interstate 25 (I-25)
- Colorado Boulevard
- State Highway 119/Firestone Boulevard
- Sable Avenue
- Pine Cone Avenue
- Grant Avenue (west of Colorado Blvd)
- Birch Street
- Frontier Street

One-half mile service areas equate to a ten minute walk for people

Level of Service Analysis

“Datasets” studied:

- All Park Lands
- Town Park Lands
- Non-Town Park Lands
- Sports Fields
- Trails



Level of Service Analysis

“Threshold Value”

- Minimum standard target for service
- 67.2 GRASP Value
- Equivalent to service provided at:

Onorato Park

Patterson Park



Level of Service Analysis

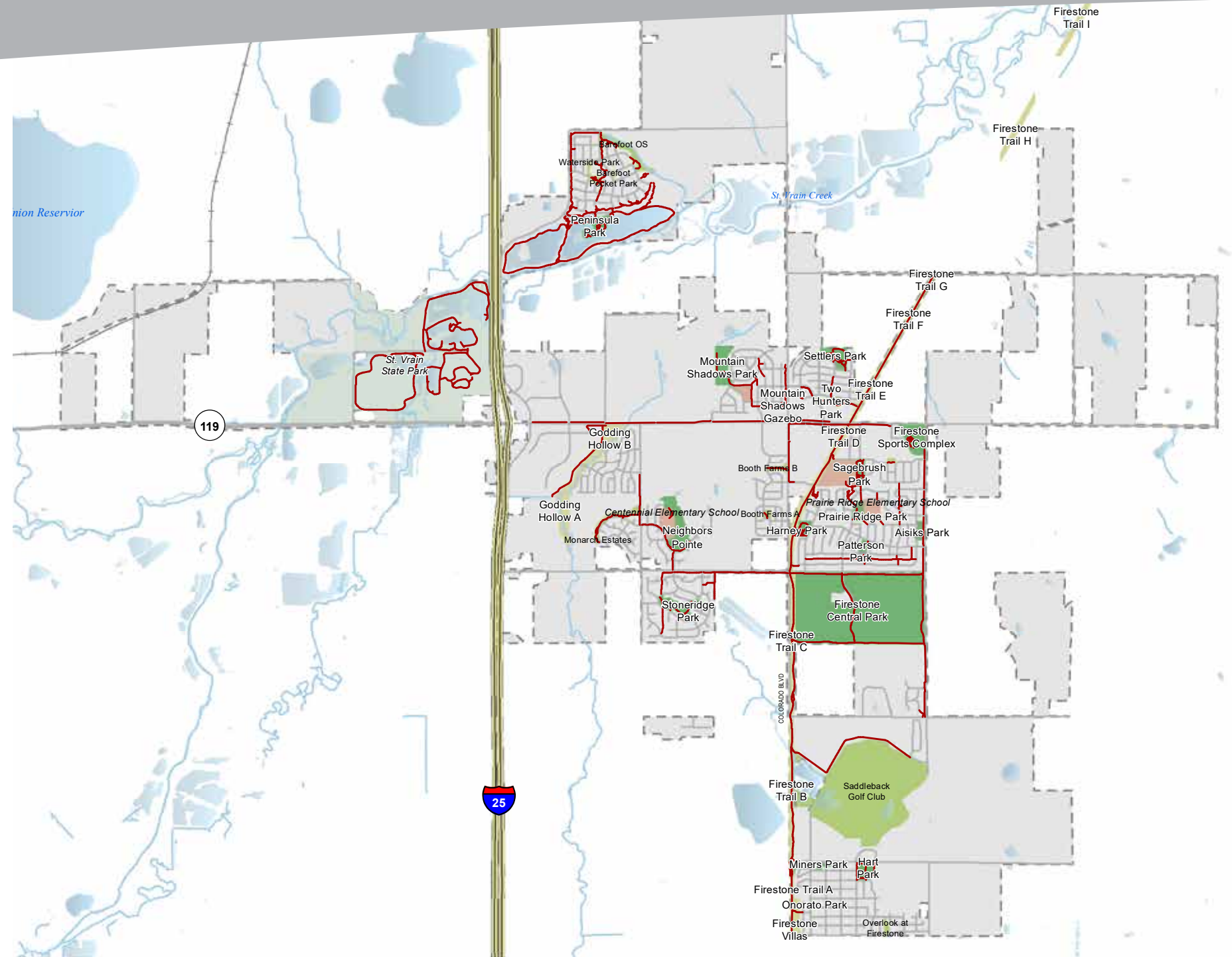


Level of Service Analysis



Study Area

Analysis includes park lands within Town Limits



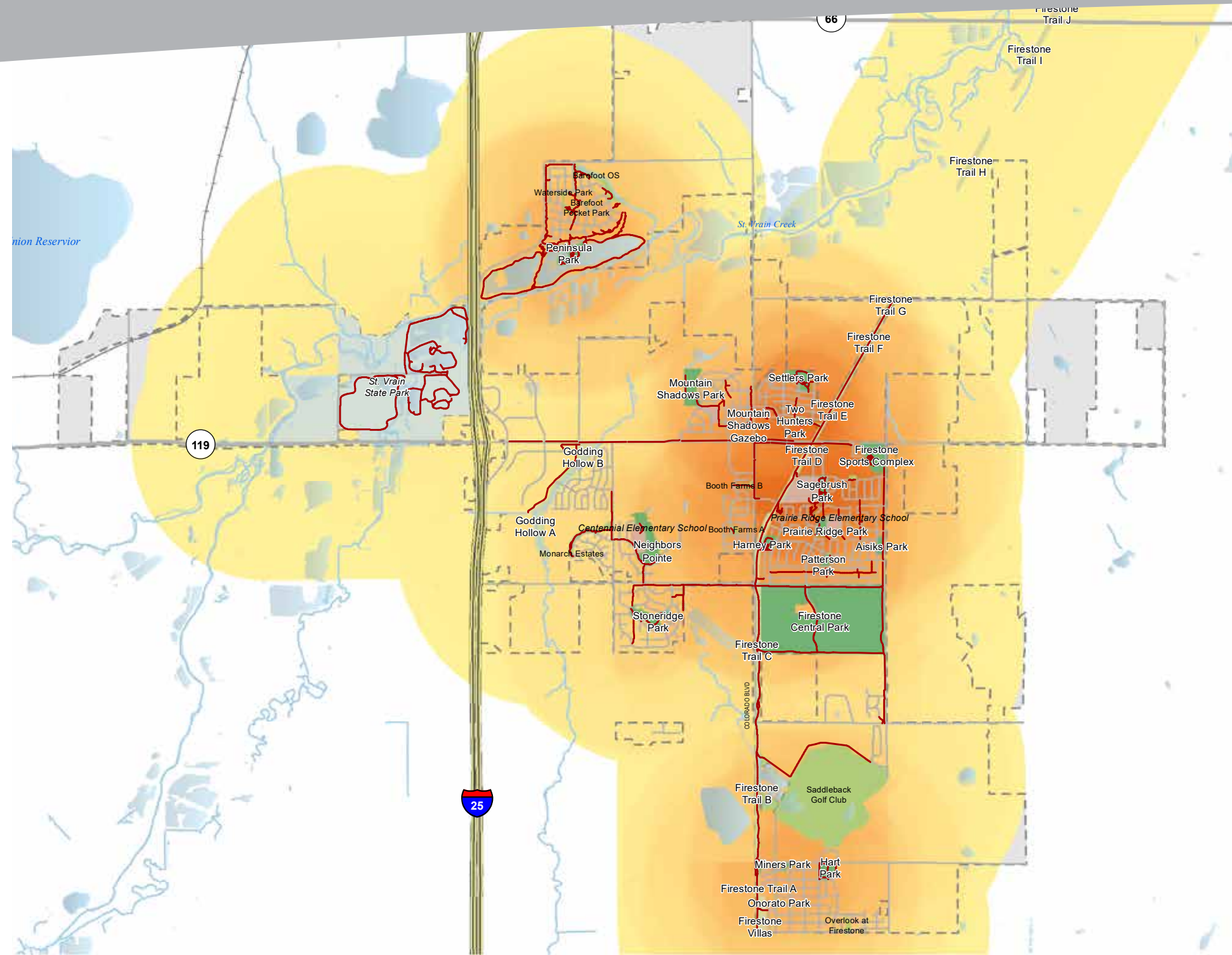
General Access: All Park Lands

“Heat map” shows hot spots in higher and lower service levels

Good distribution of park
lands in developed parts
of Town

Greatest service concentration north of Central Park

Lesser concentrations
exist around Town Hall
and Barefoot Lakes

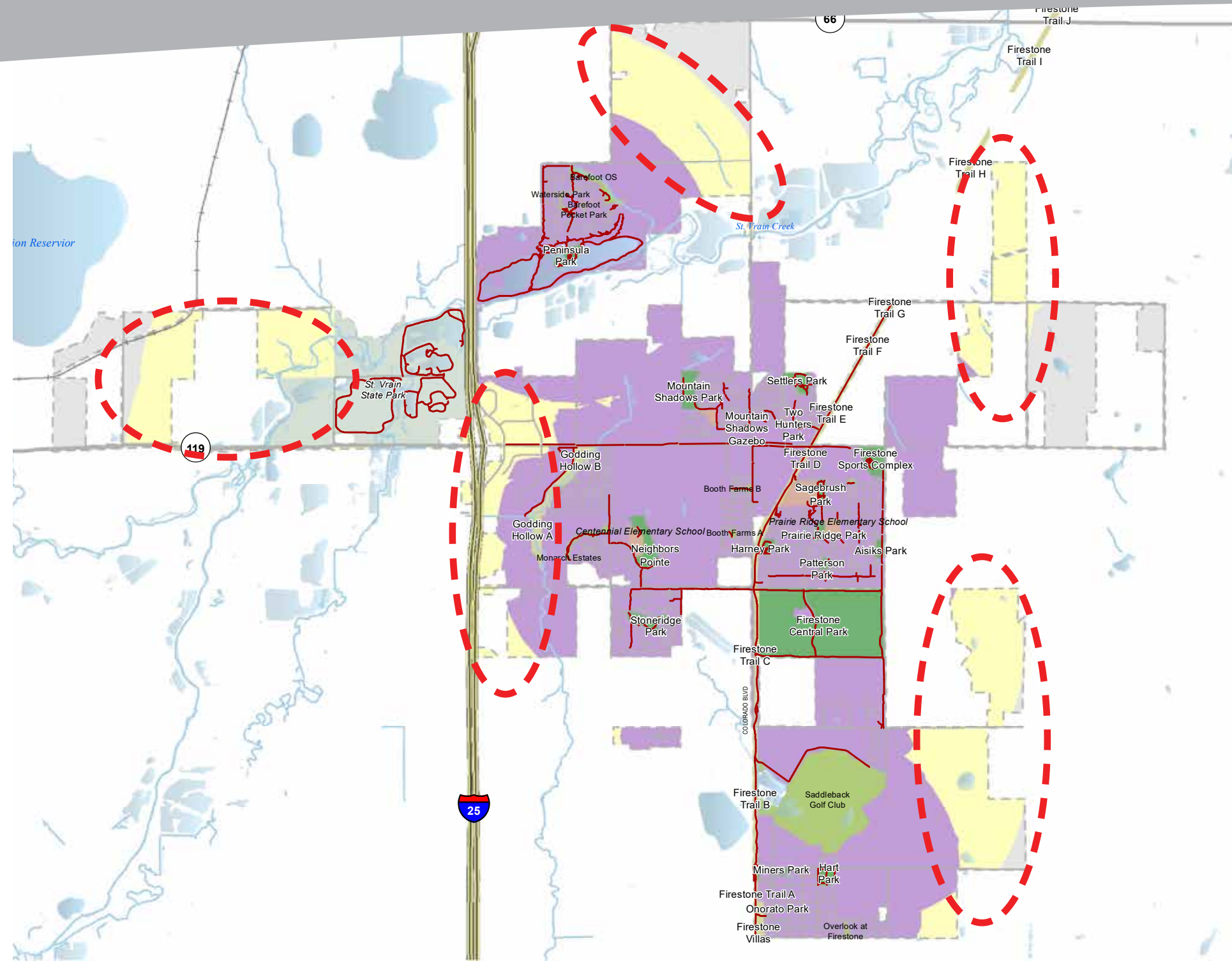


General Access: All Park Lands

“Threshold map” shows minimum standard and identifies gap areas

66% of City acres meet threshold value

Most service gaps exist at the outskirts of town west of St. Vrain State Park, north of the Barefoot Lakes, along the eastern edge of Firestone, and in the commercial zone

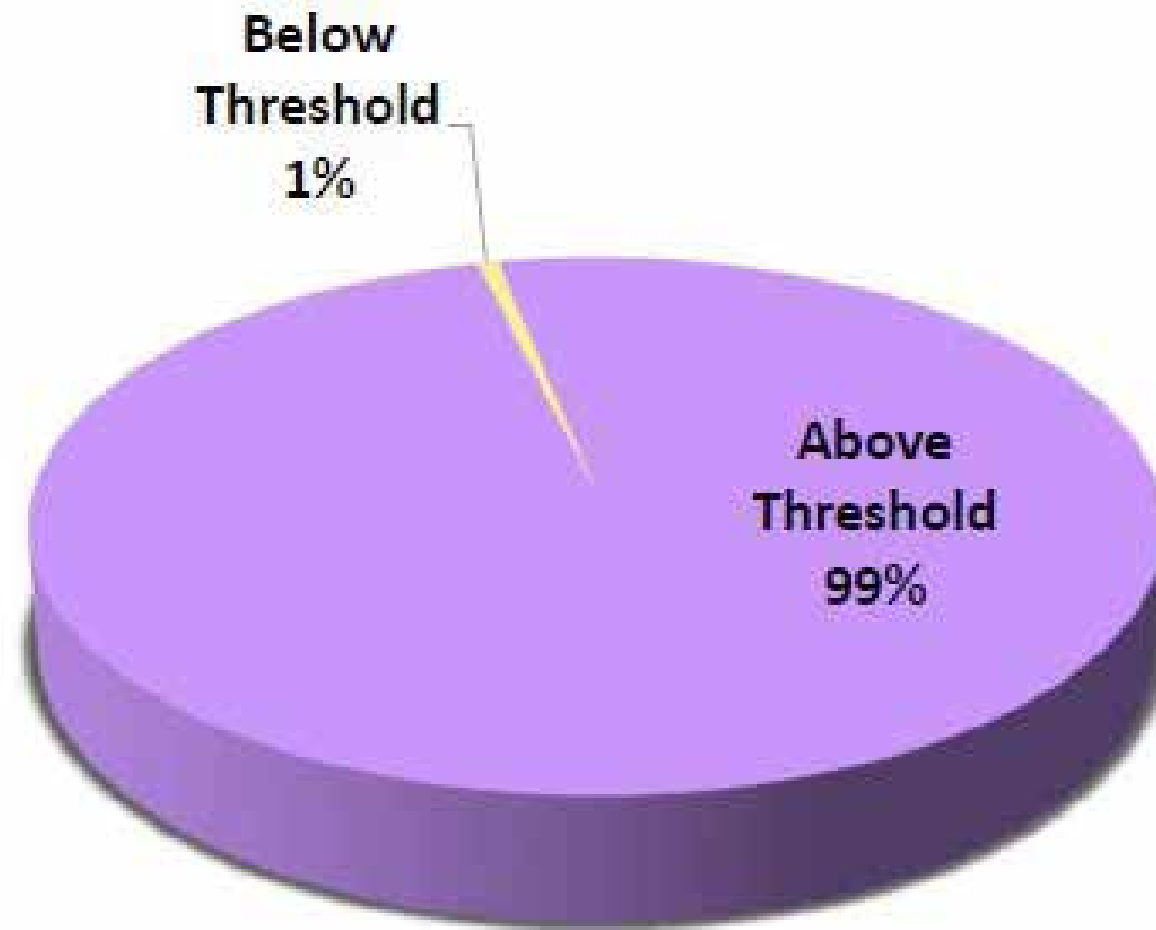


General Access: All Park Lands

Exceptional service for General Access to All Park Lands

99% of residents live within a mile of a park land that meets or exceeds the minimum standard

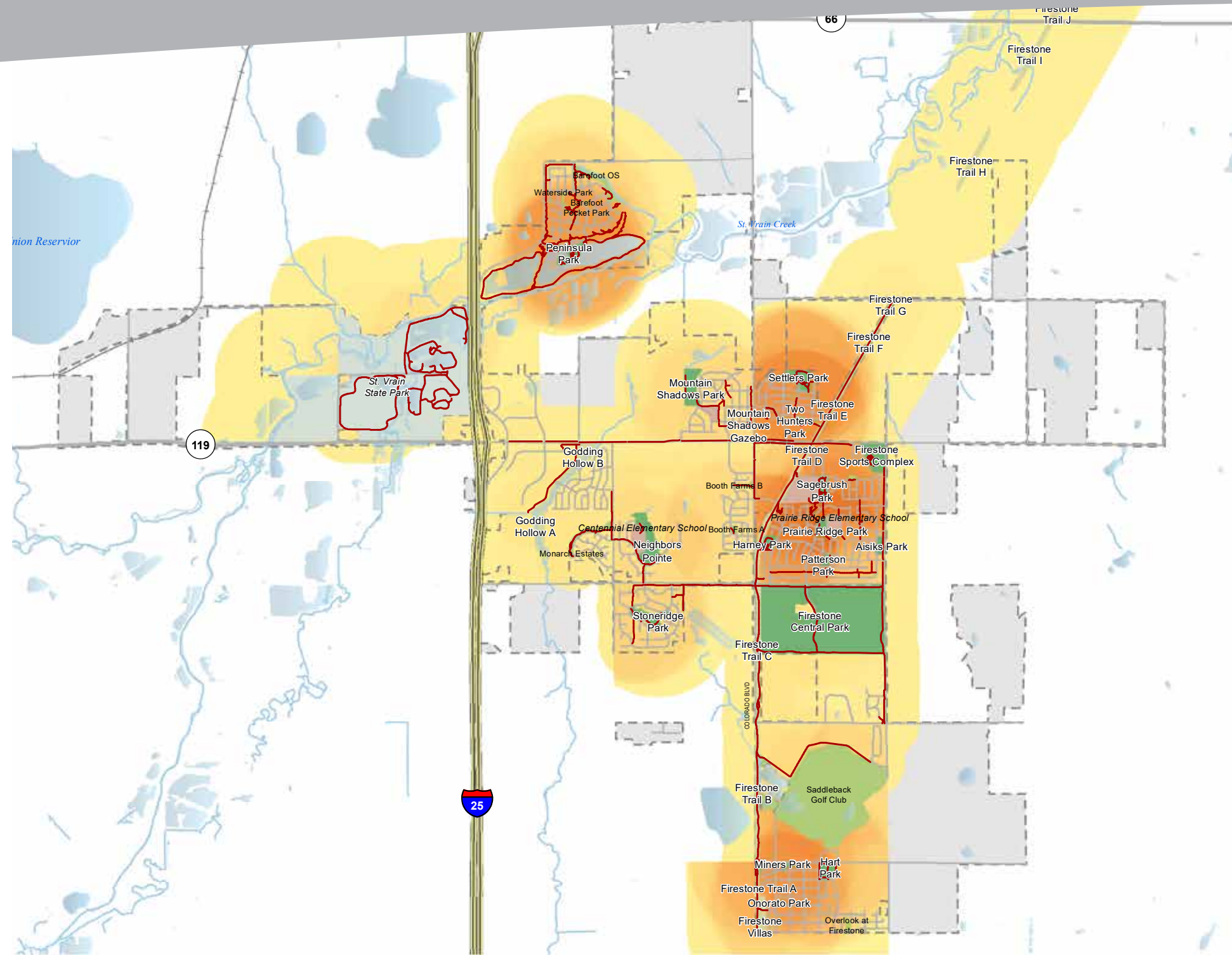
<1% Town residents are below the threshold



Walkable Access: All Park Lands

67% of City within a 10-minute walk of at least one park land opportunity, including most developed areas

“Pockets” of higher service exist around Onorato Park, Prairie Ridge Park, Settlers Park, and Peninsula Park

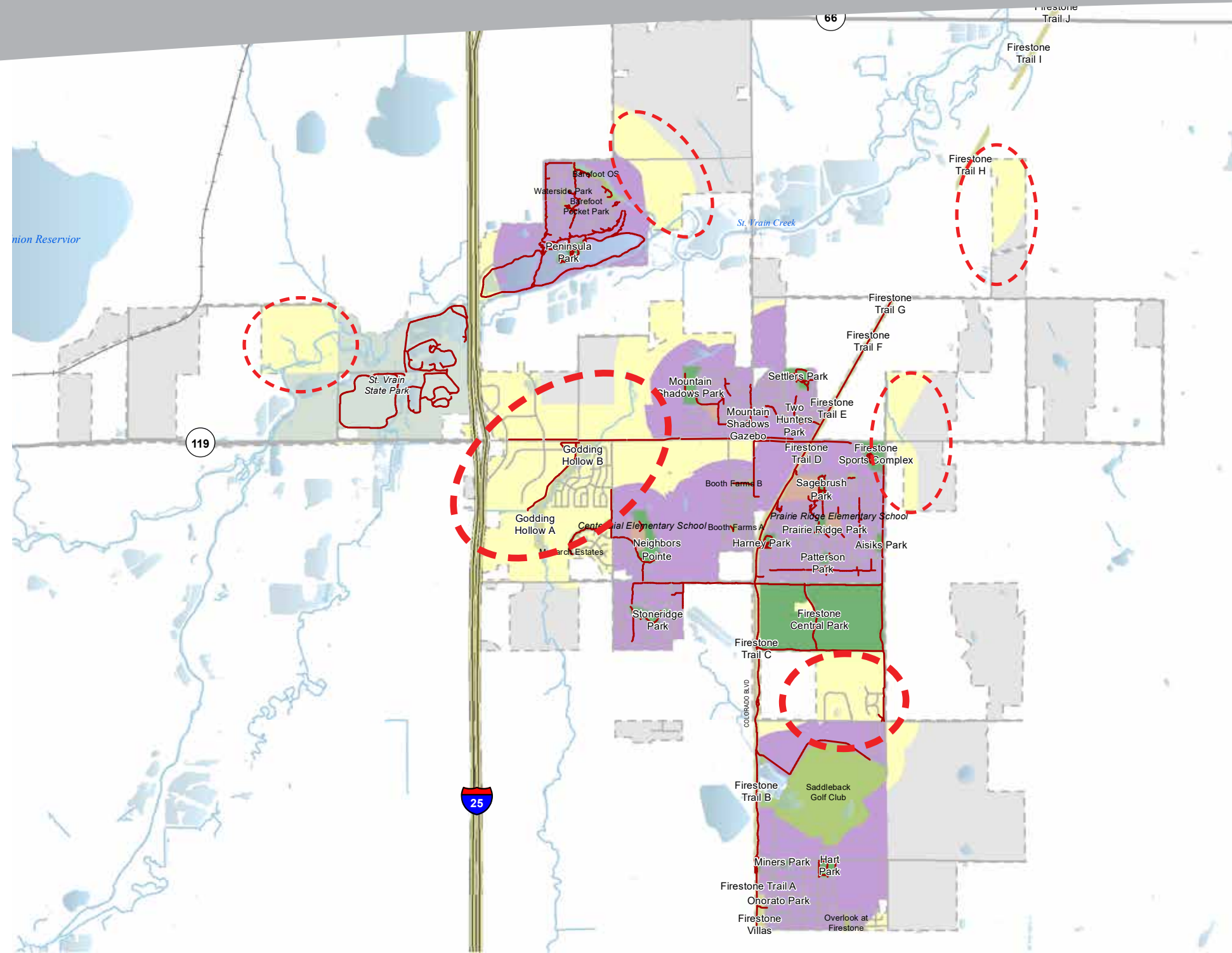


Walkable Access: All Park Lands

36% of Town acreage meets minimum standard threshold

Gap areas at Eagle Crest neighborhood and the Owl Lake neighborhood

Most other gaps identified for walkable access are in undeveloped, industrial, or commercial areas as indicated by land use

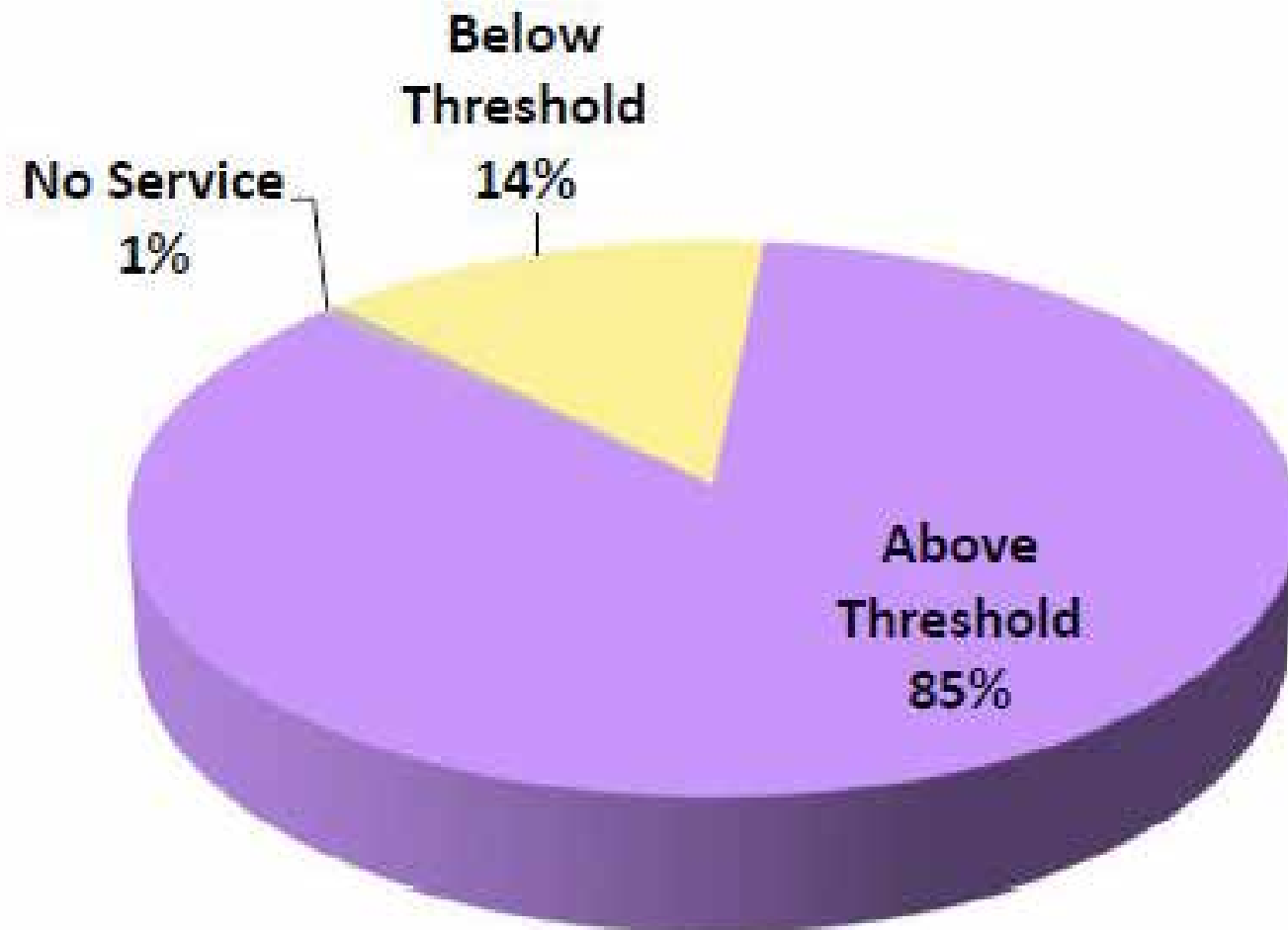


Walkable Access: All Park Lands

Upon examination of population data above threshold walkable service exists where 85% of residents actually live

14% Town residents have walkable access to at least one park site

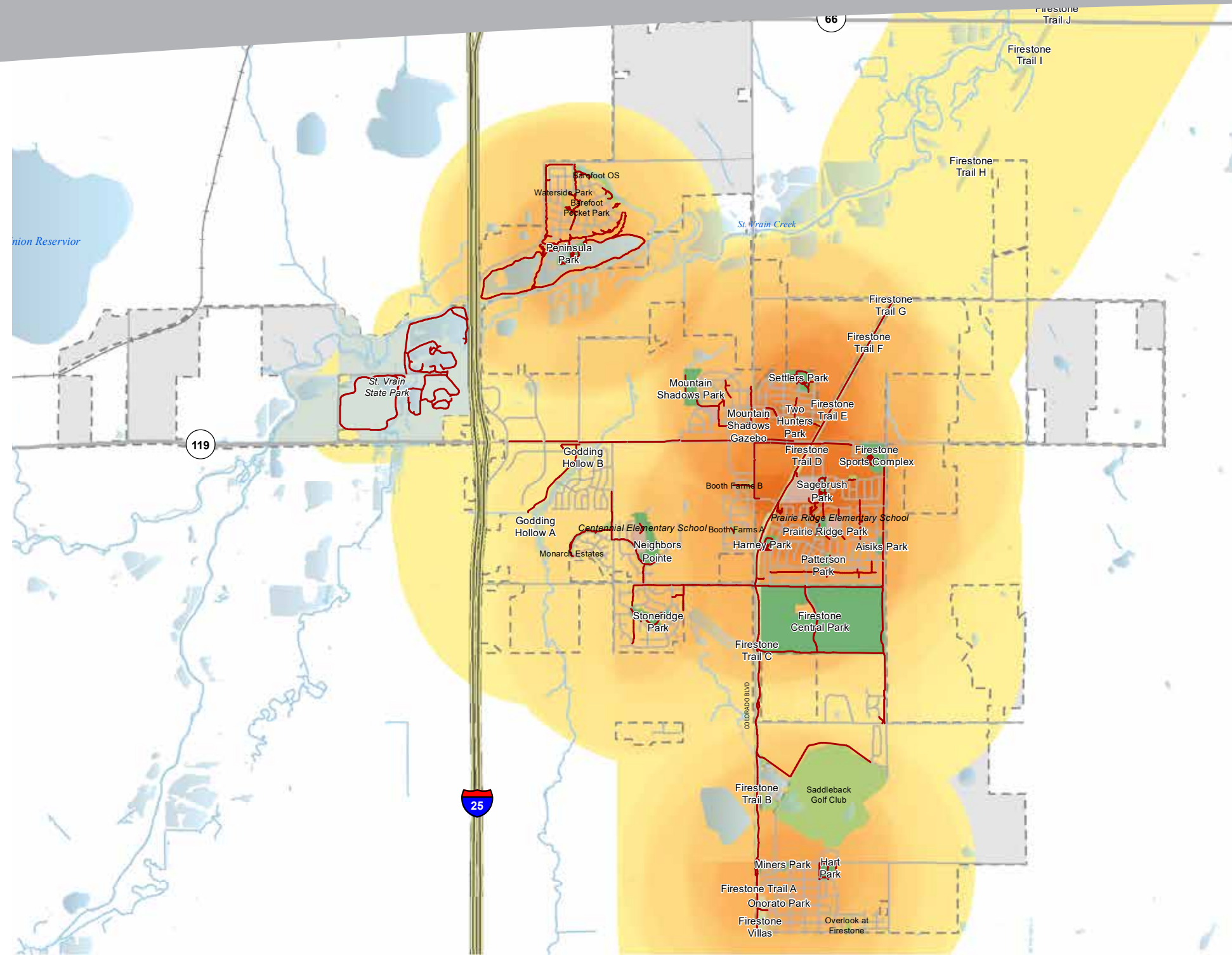
<1% Town residents have no service



General Access: Town Park Lands

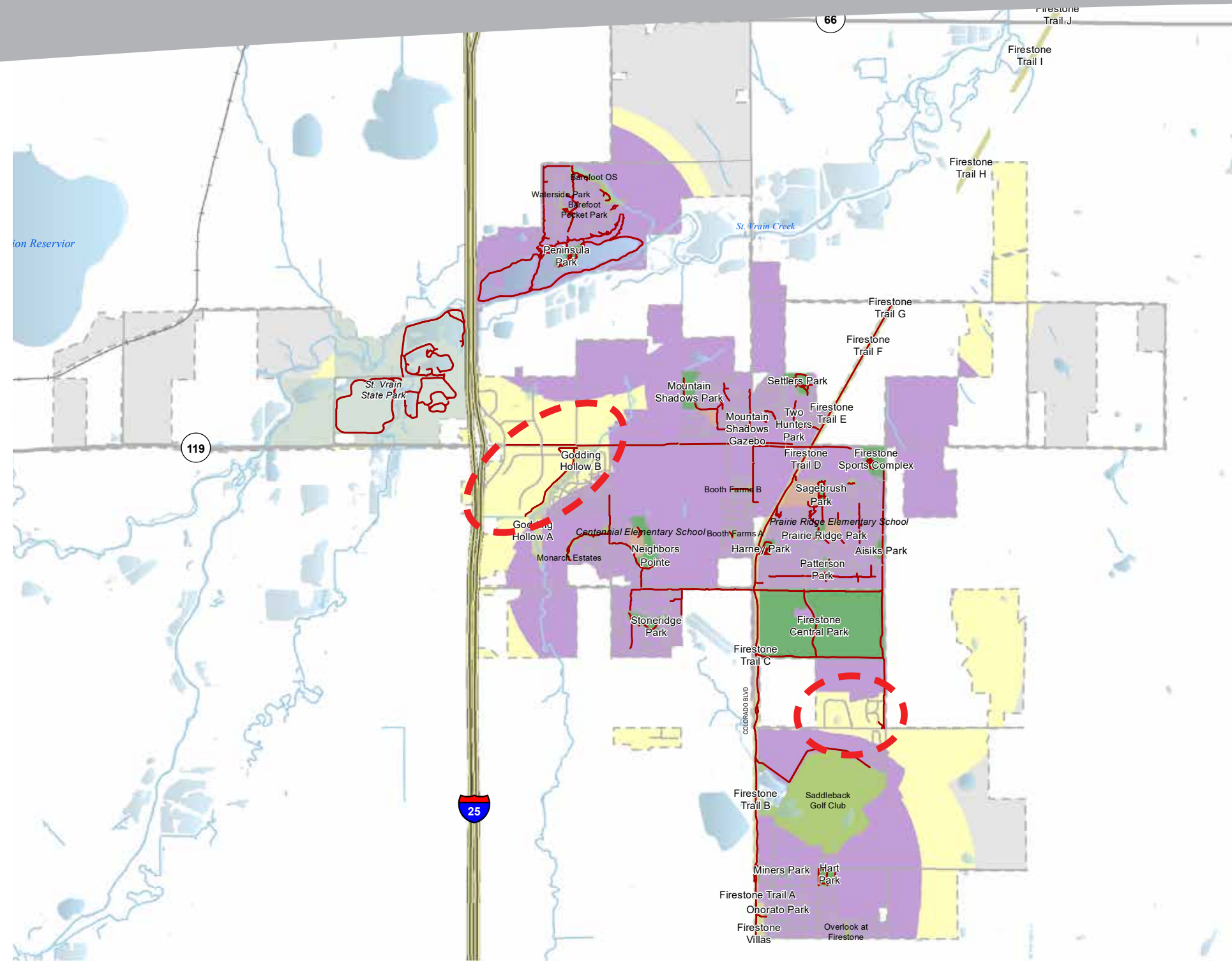
Analysis of Town park
land dataset only

Similar coverage as last
analysis with hot spots in
similar ares



General Access: Town Park Lands

Gap areas limited to
part of Eagle Crest
and subdivisions
around Owl Lake

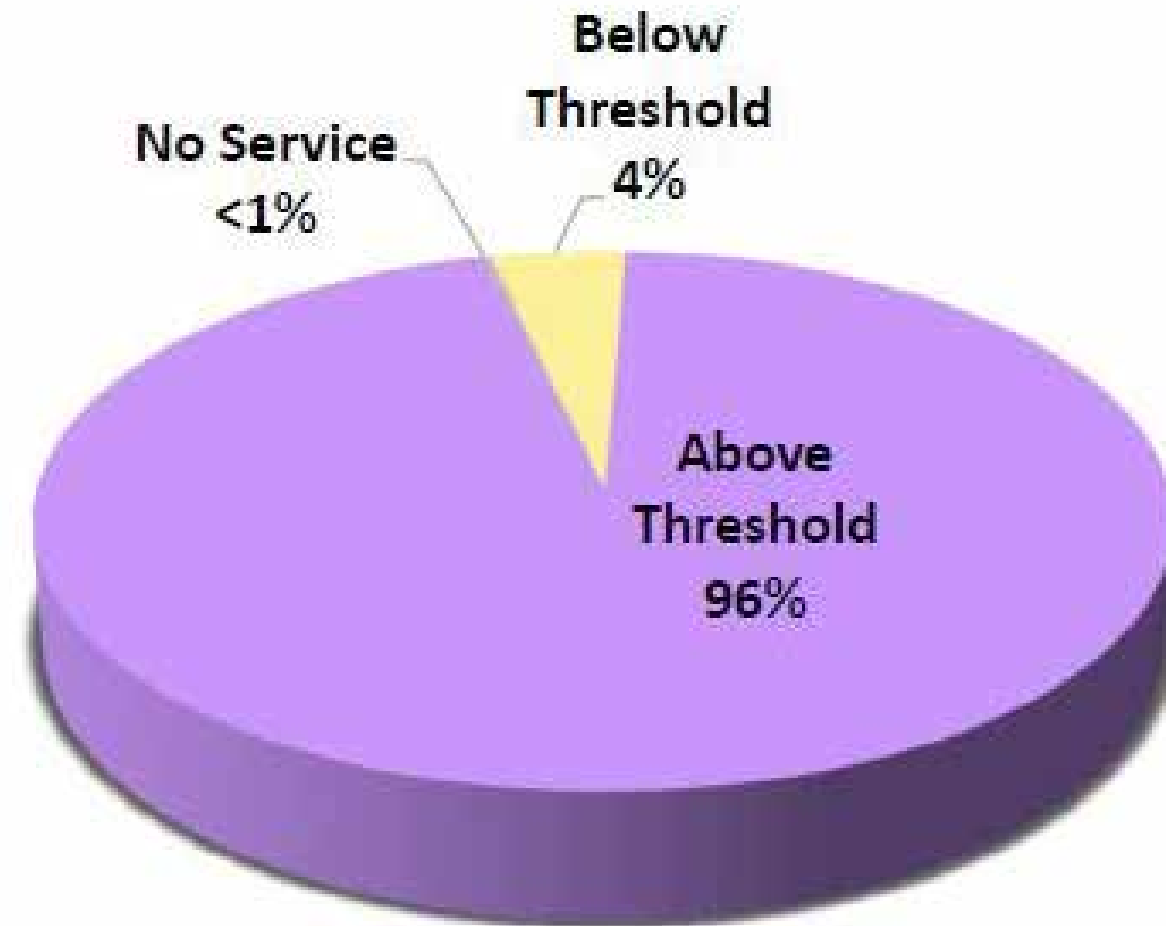


General Access: Town Park Lands

96% of the Town population is served by above threshold park lands

99% access to at least one Town park property or amenity

<1% with no service

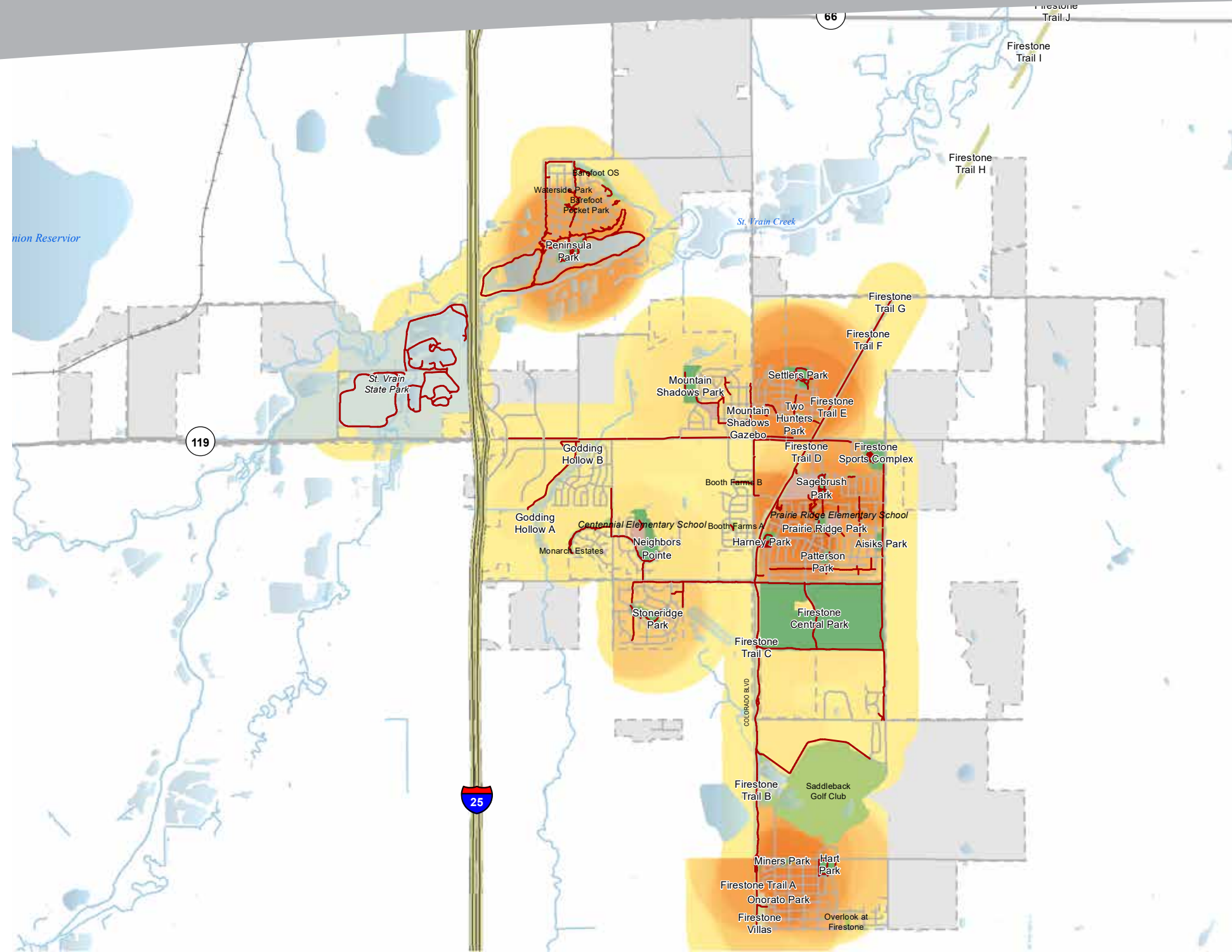


Walkable Access: Town Park Lands

Major hot spot around Settlers Park and Prairie Ridge Park

Minor concentrations near Peninsula Park and Onorato Park

98% of the population has walkable access to a Town park site

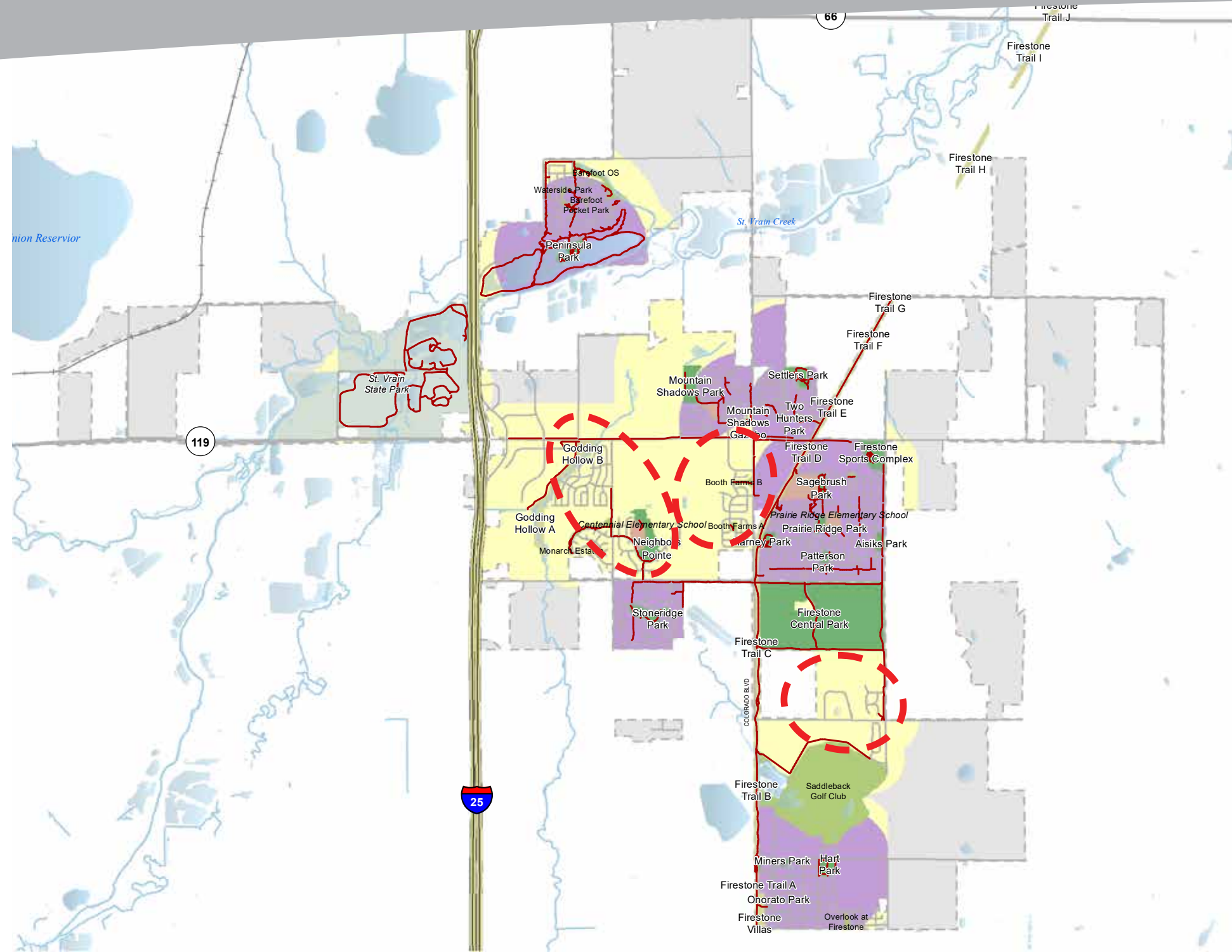


Walkable Access: Town Park Lands

Residential gaps emerge around Neighbors Pointe Park, Godding Hollow, and Mountain Shadows Park

Opportunity to add site improvements to boost service levels in these areas

Other areas of Town are well served by Town park lands

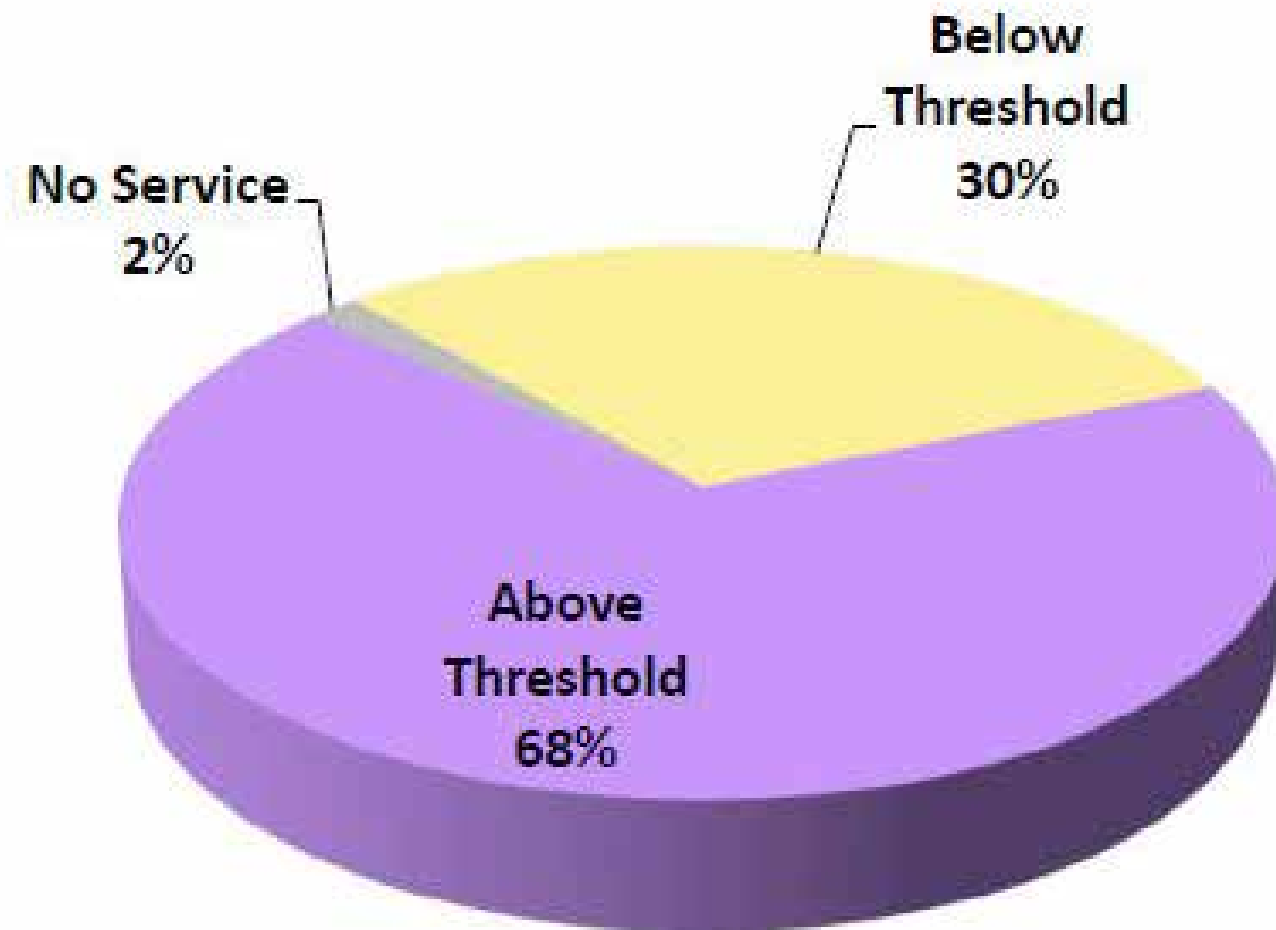


Walkable Access: Town Park Lands

More than 2/3 of residents (68%) have walkable access to minimum standard

30% population with walkable access to at least one Town park or amenity

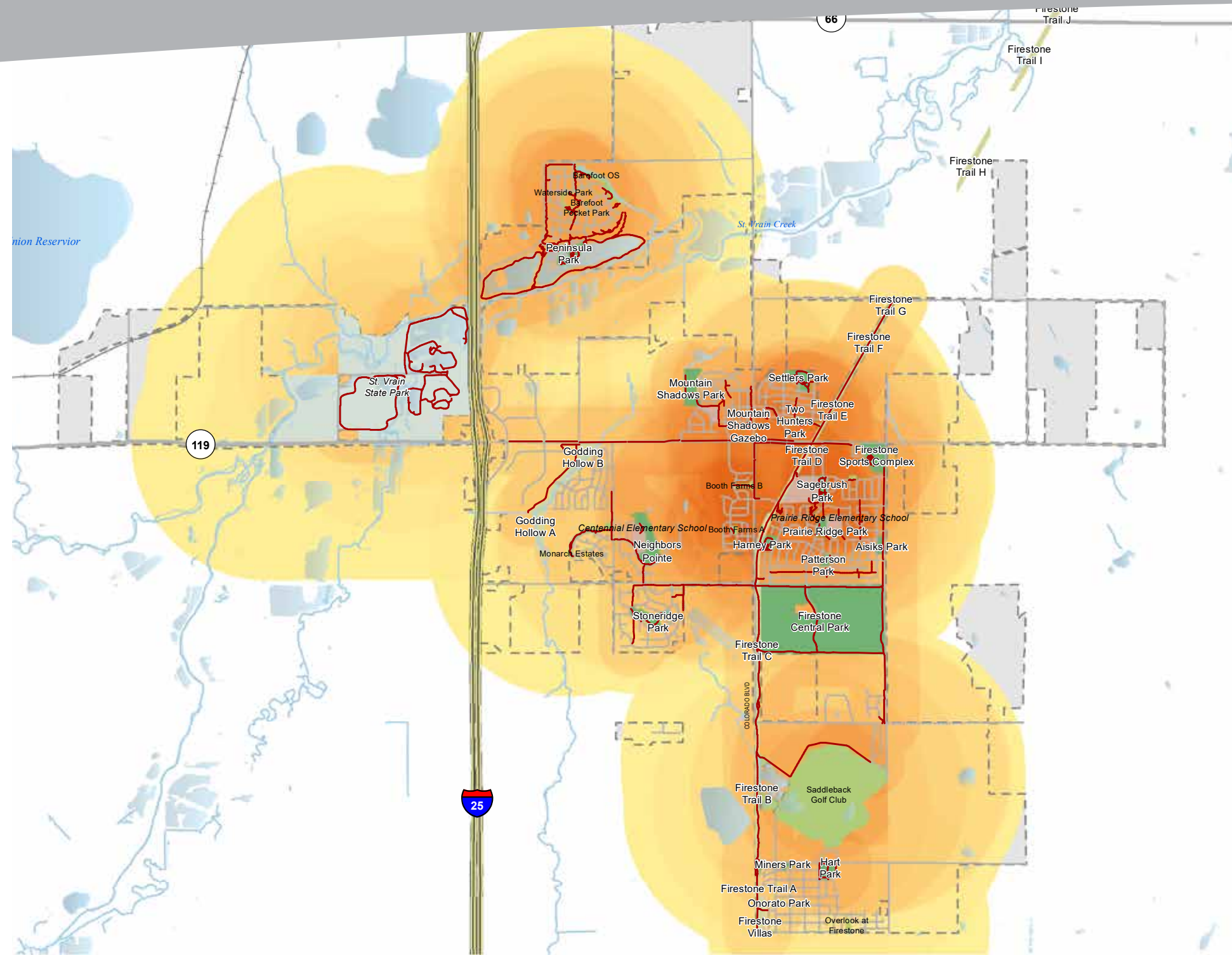
2% residents with no service



General Access: Non-Town Park Lands

Analysis of HOA parks, schools, St. Vrain State Park, and Saddleback Golf Course

Similar hot spots as Town service study

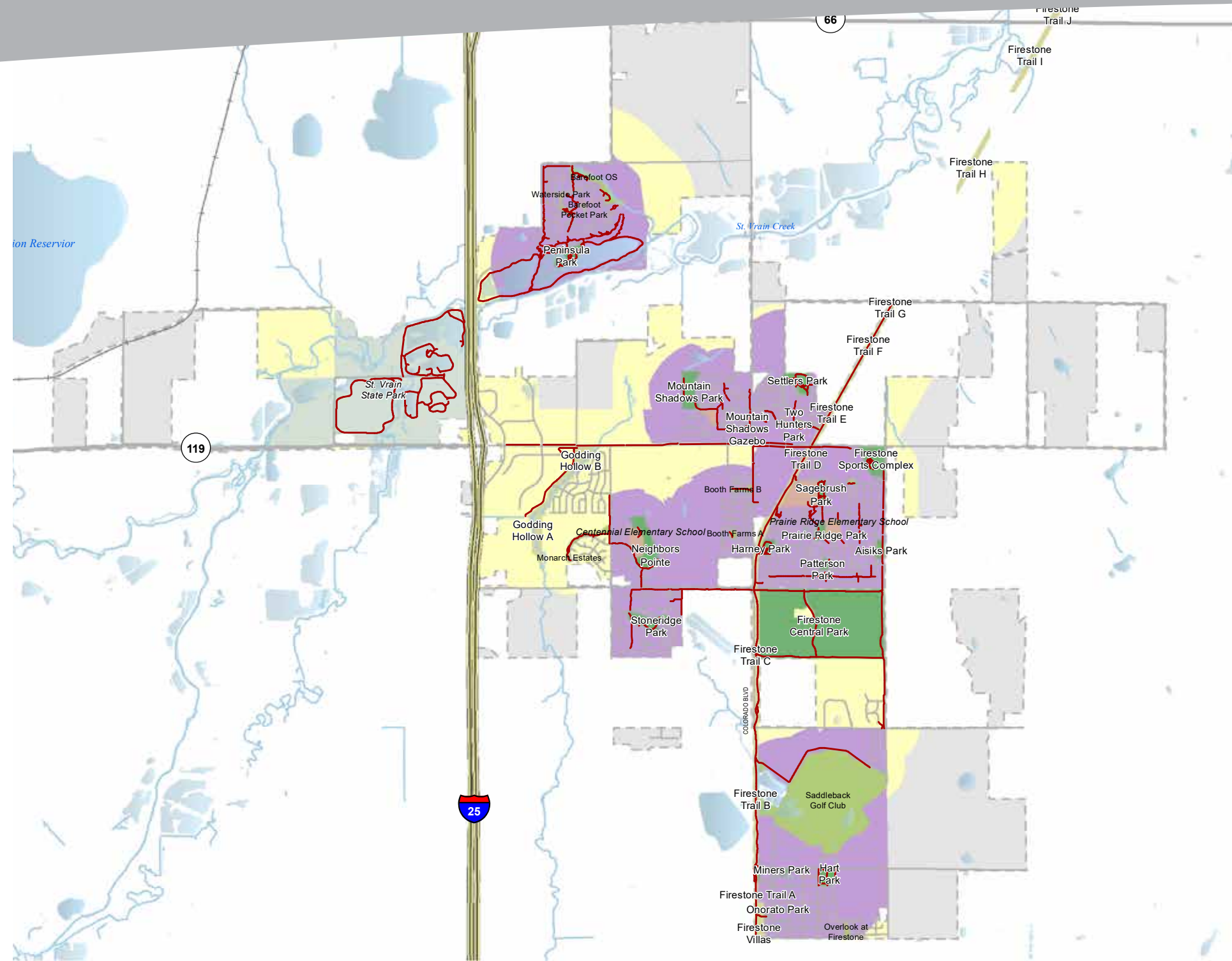


General Access: Non-Town Park Lands

Very similar gap areas
and threshold patterns to
Town-property service

Reflects close proximity
of Town and Non-Town
park lands

Lower overall value of
Non-Town sites

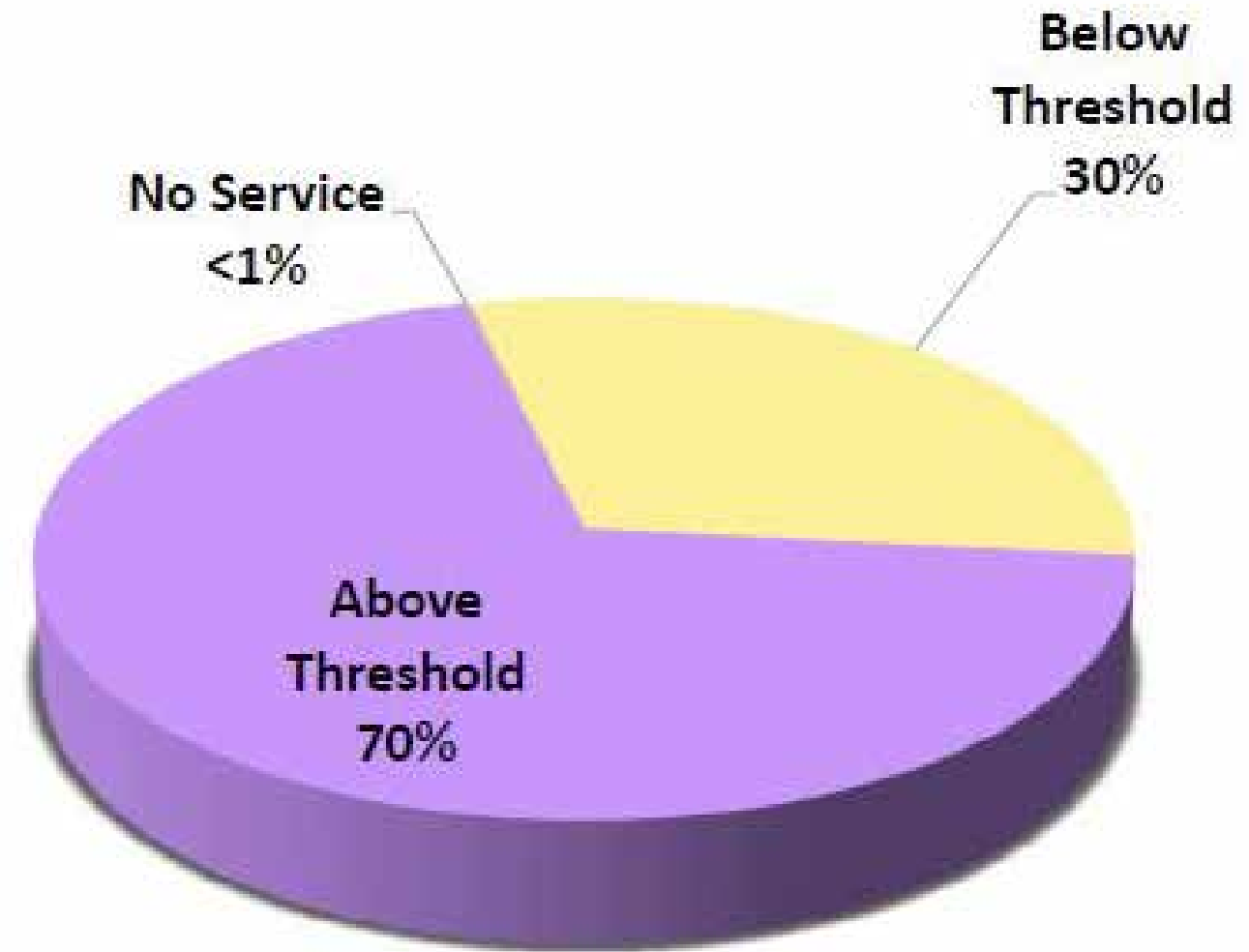


General Access: Non-Town Park Lands

70% above threshold

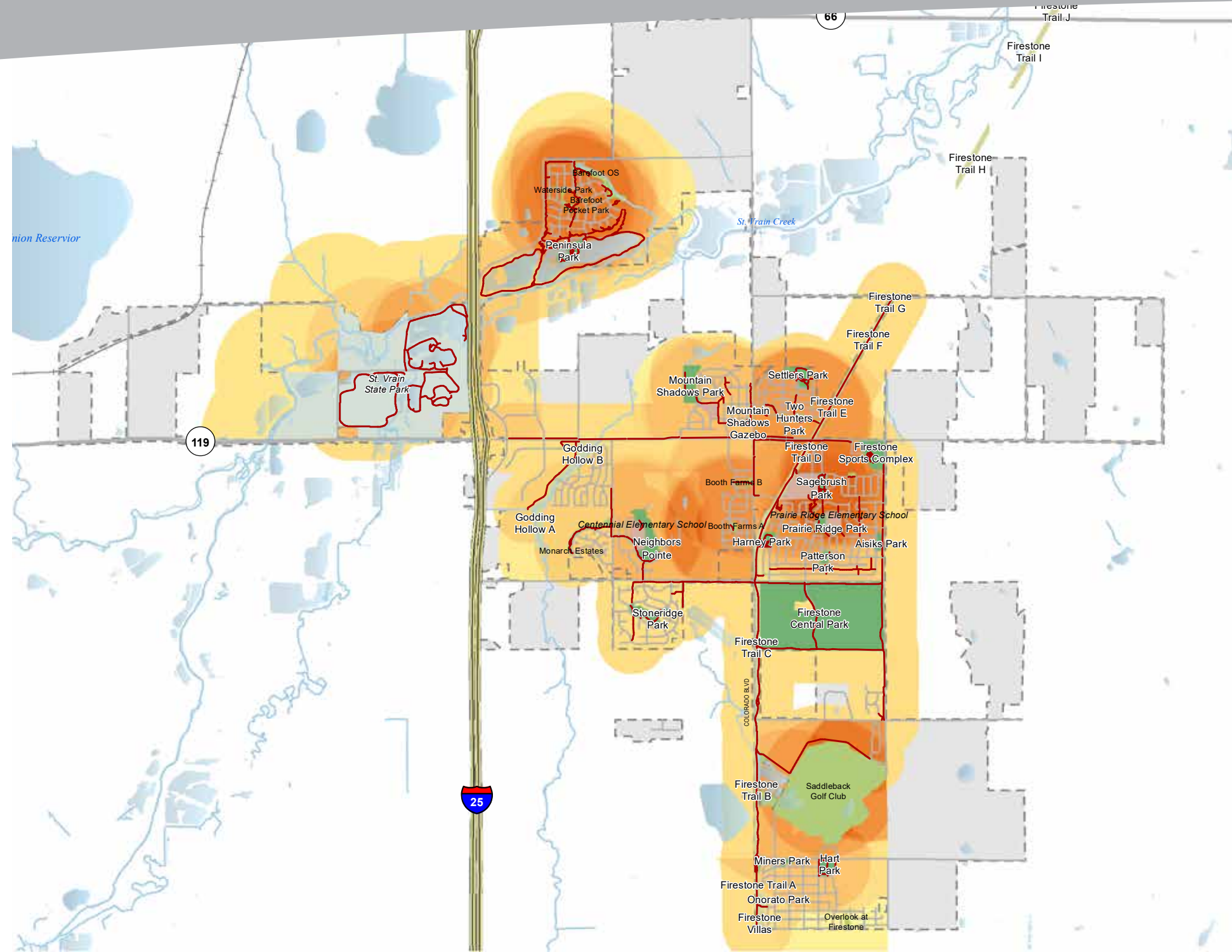
30% with lesser access

<1% with no service



Walkable Access: Non-Town Park Lands

Lowest coverages of all datasets analyzed

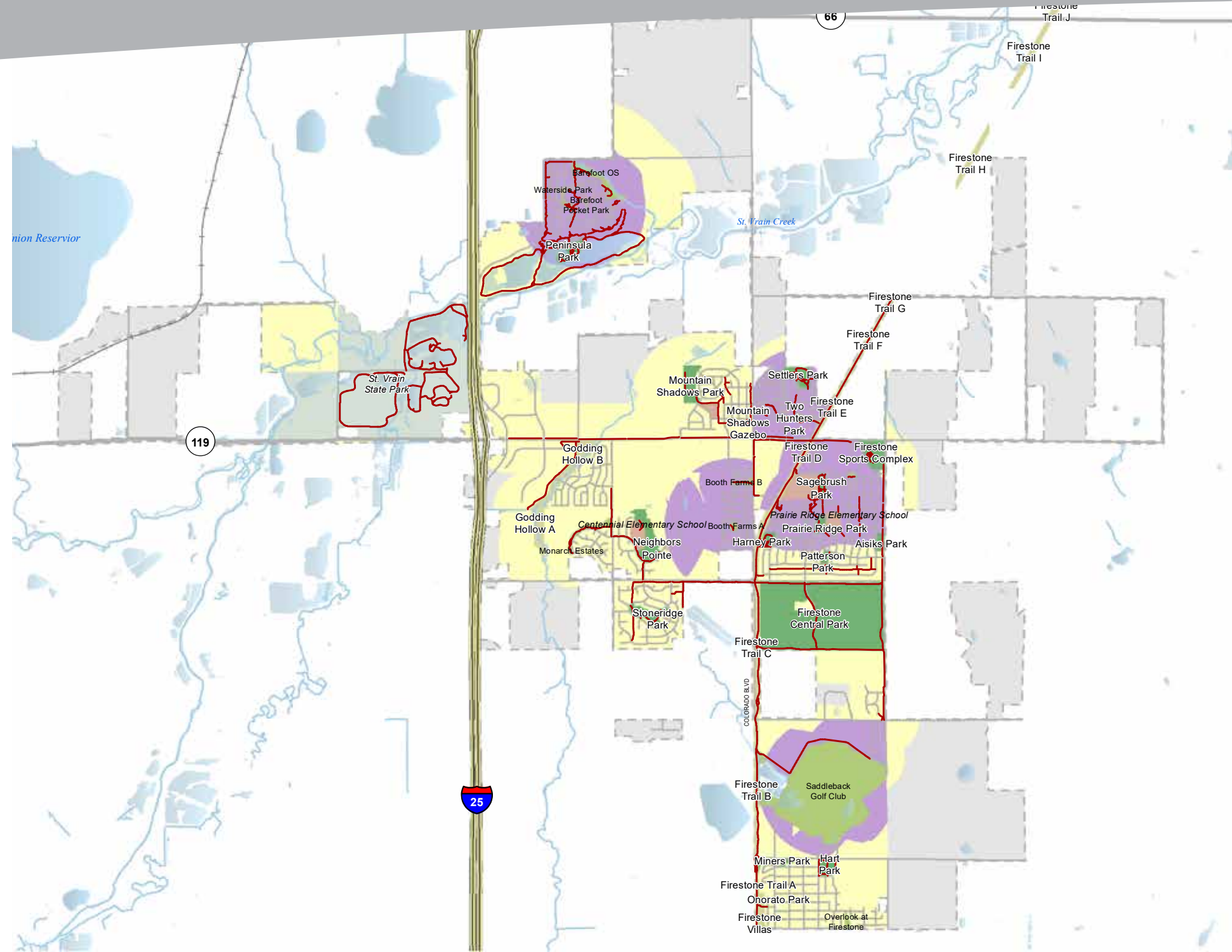


Walkable Access: Non-Town Park Lands

Lowest scoring of all analyses

More numerous gap areas than prior analyses discussed

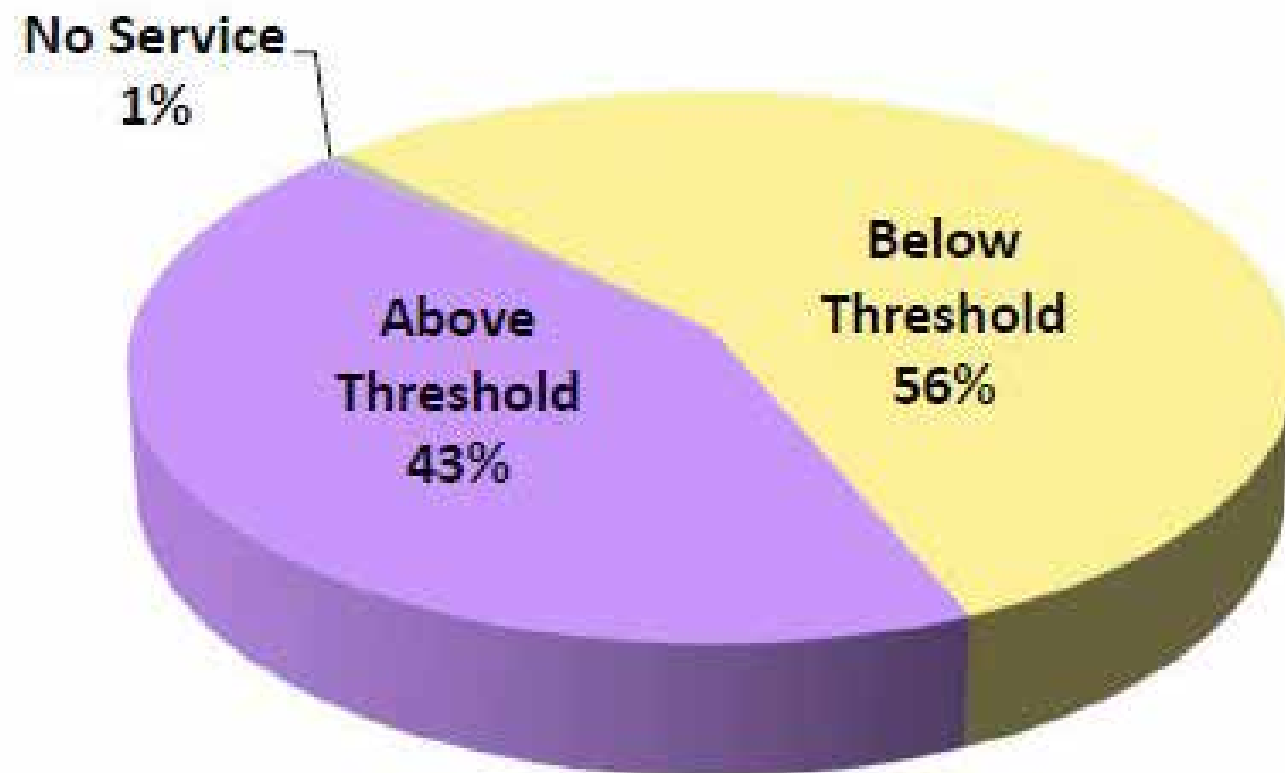
Gap areas more extensive



Walkable Access: Non-Town Park Lands

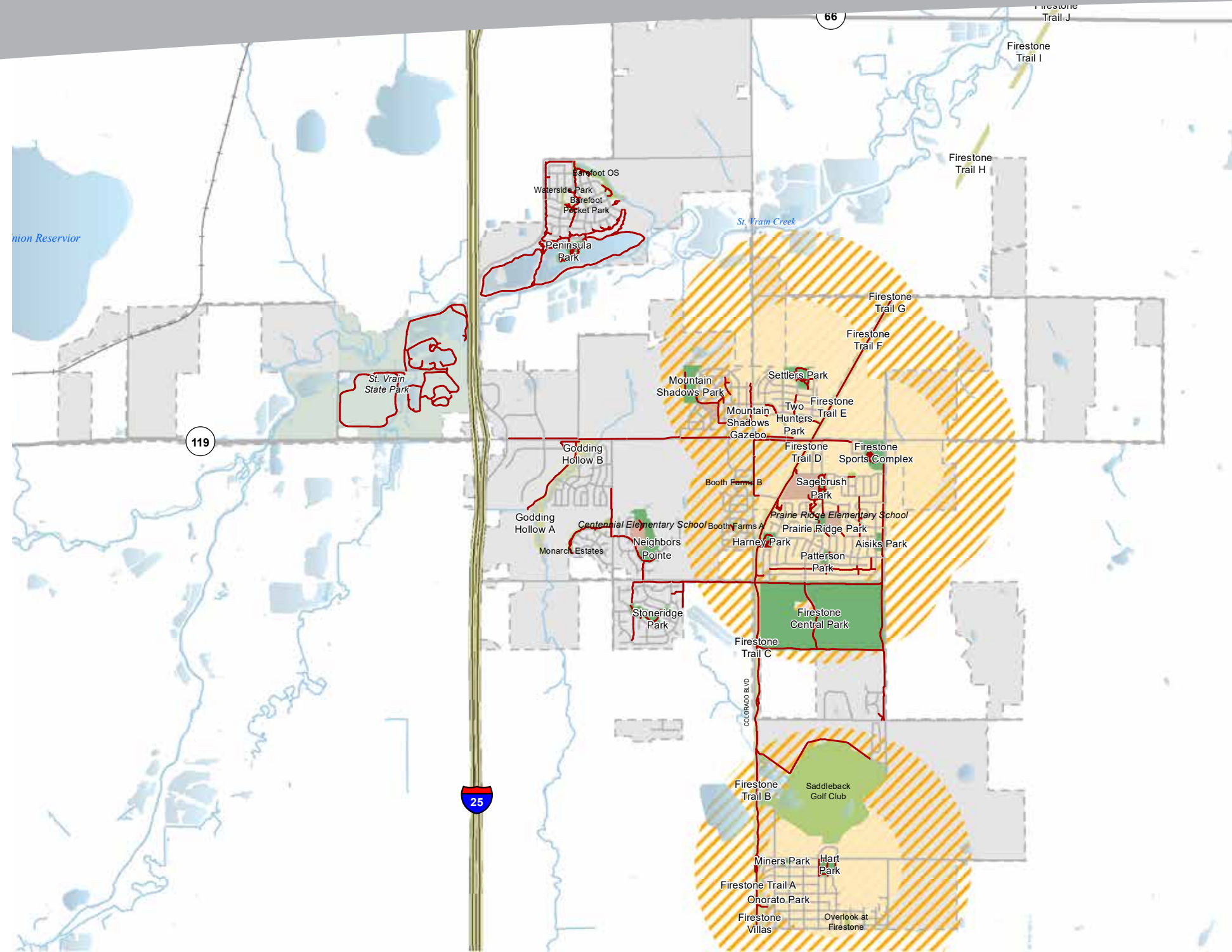
Less than half residents have access to the minimum standard threshold

Non-Town park lands do not drive service in Firestone



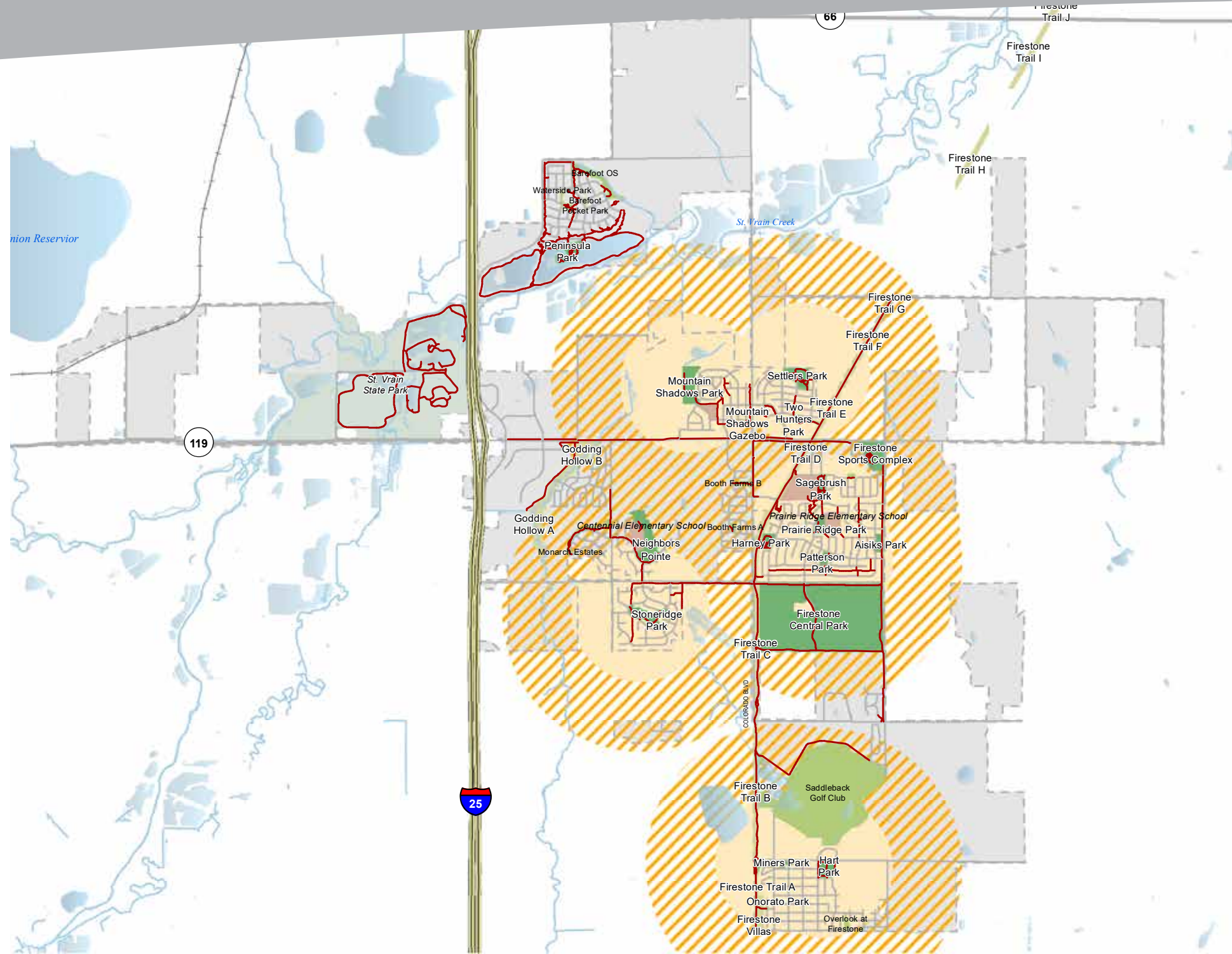
Sports Fields: Diamonds

Service areas of 1 mile
and ½ mile for reference



Sports Fields: Rectangles

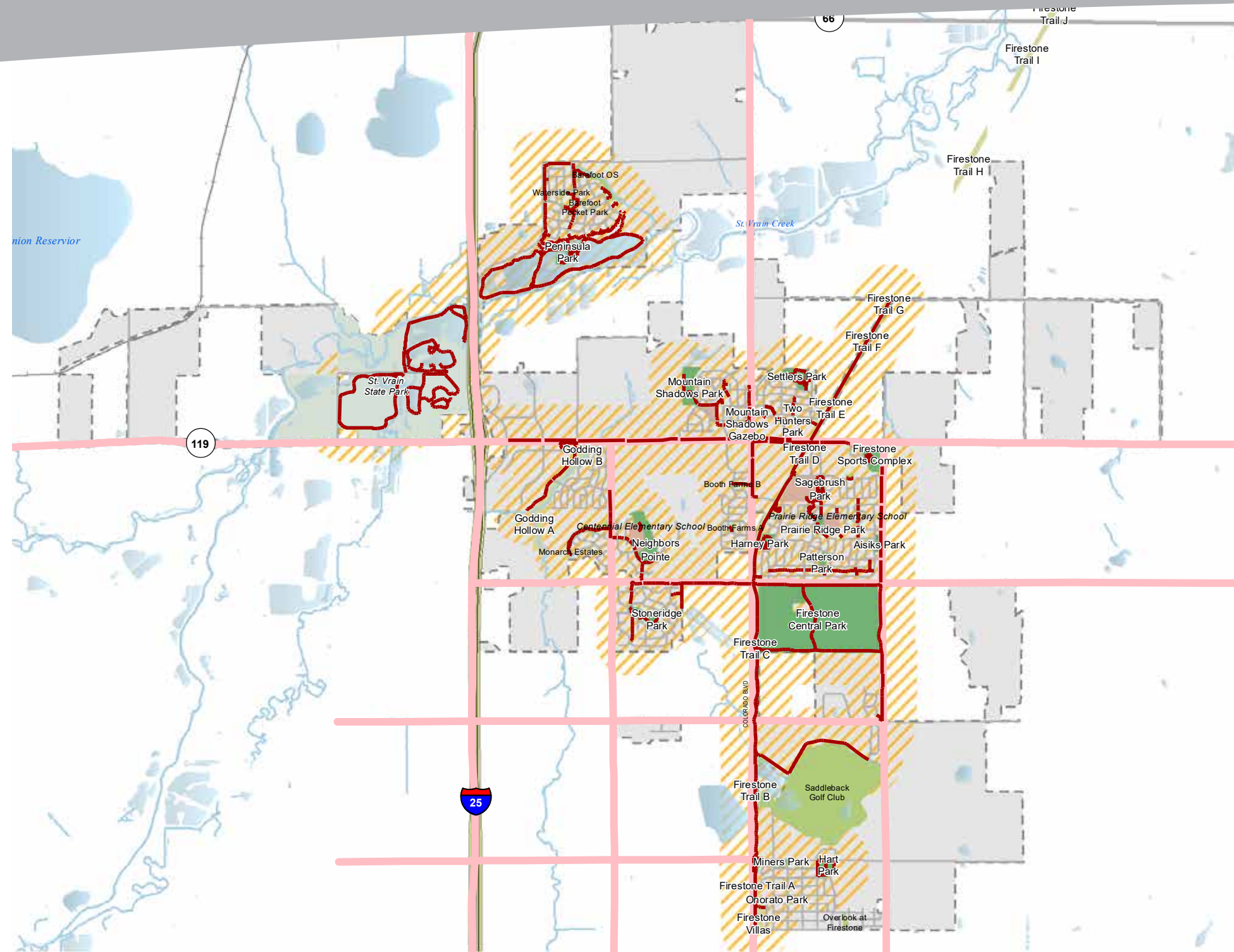
Service areas of 1 mile
and ½ mile for reference



Trails

Service areas of 1/4 mile
for all trails

Barriers shown for reference



Level of Service Summary



High quality, well-distributed park lands

Nearly all residents have excellent General Access and Walkable Access in analysis of All Park Lands

Town park lands are higher quality and more available to residents than Non-Town properties

Barriers do not significantly limit walkable access in Firestone

2/3 of residents have walkability above the minimum standard

Residential gaps near Neighbors Point Park, Godding Hollow, Mountain Shadows Park, and in Booth Farms

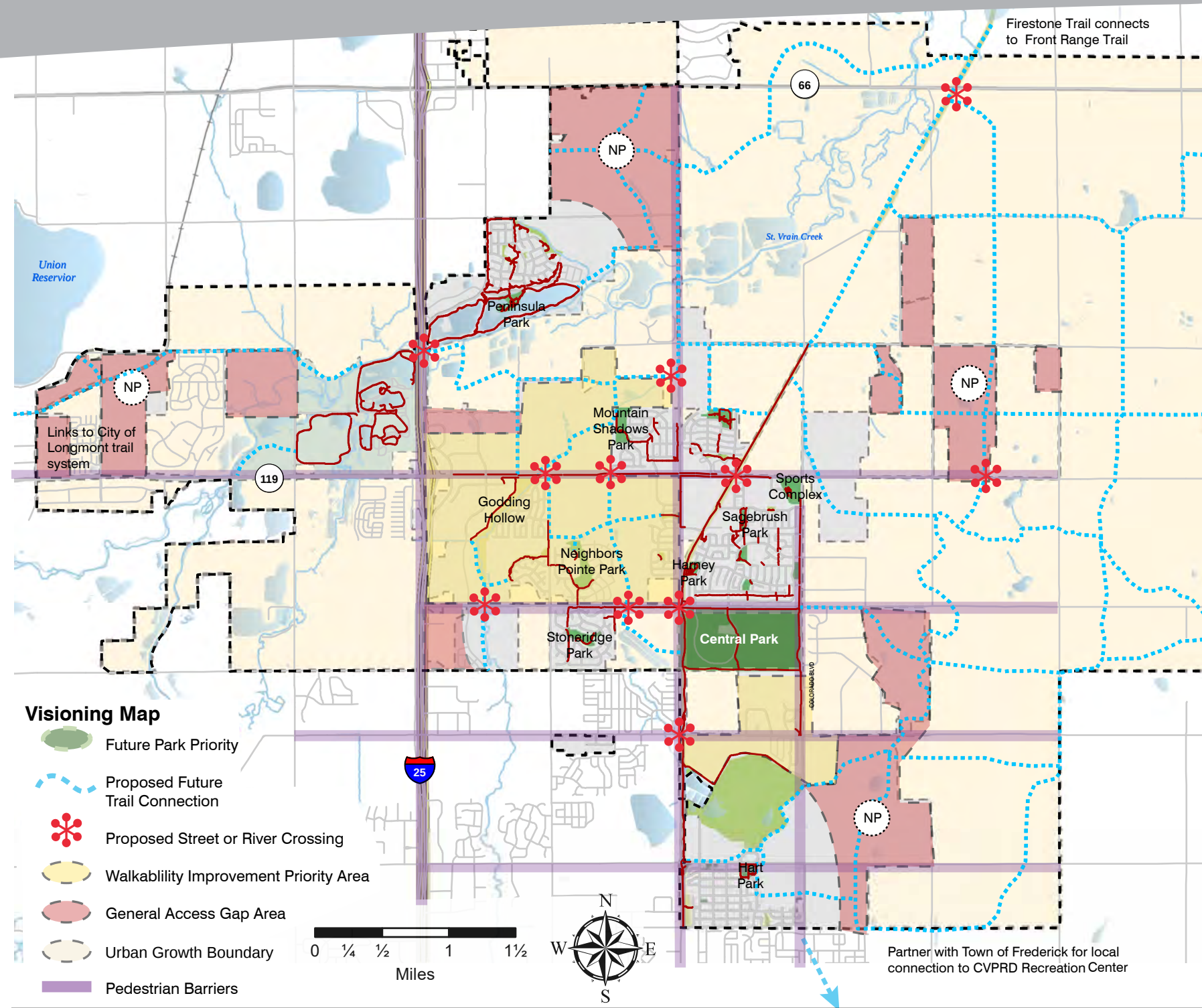
High standards, good distribution of park lands, and a maturing trail system w/ central spine, serve residents well

Visioning Recommendations

Recommendations include focus on extent of Urban Growth Boundary:

- Priorities for park development
- Proposed future trails
- Proposed pedestrian crossings
- Walkability improvement focus areas
- General access gap areas

Based on Town Park Land analyses





Public Research Group conducted a community survey for the Town of Firestone Parks, Open Space & Trails in the autumn 2019.

The purpose of the survey was to gather resident opinions to help set priorities for the future development of parks, open space and trails.

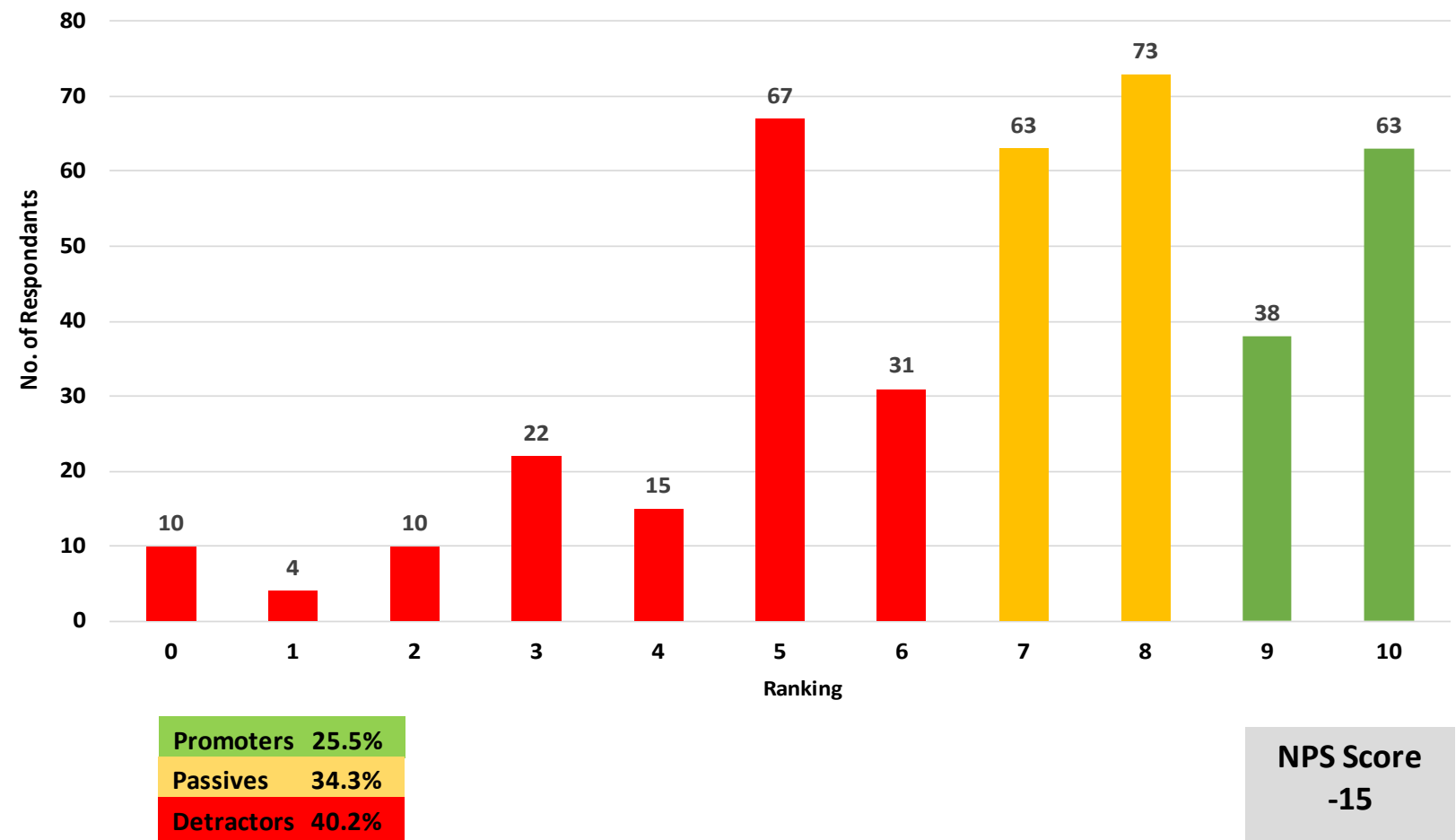
The survey was designed to obtain statistically valid results from households in the Town of Firestone.

Community Survey

Community Survey

How likely would you be to recommend the Town of Firestone parks, open spaces and trails to a friend or family member?

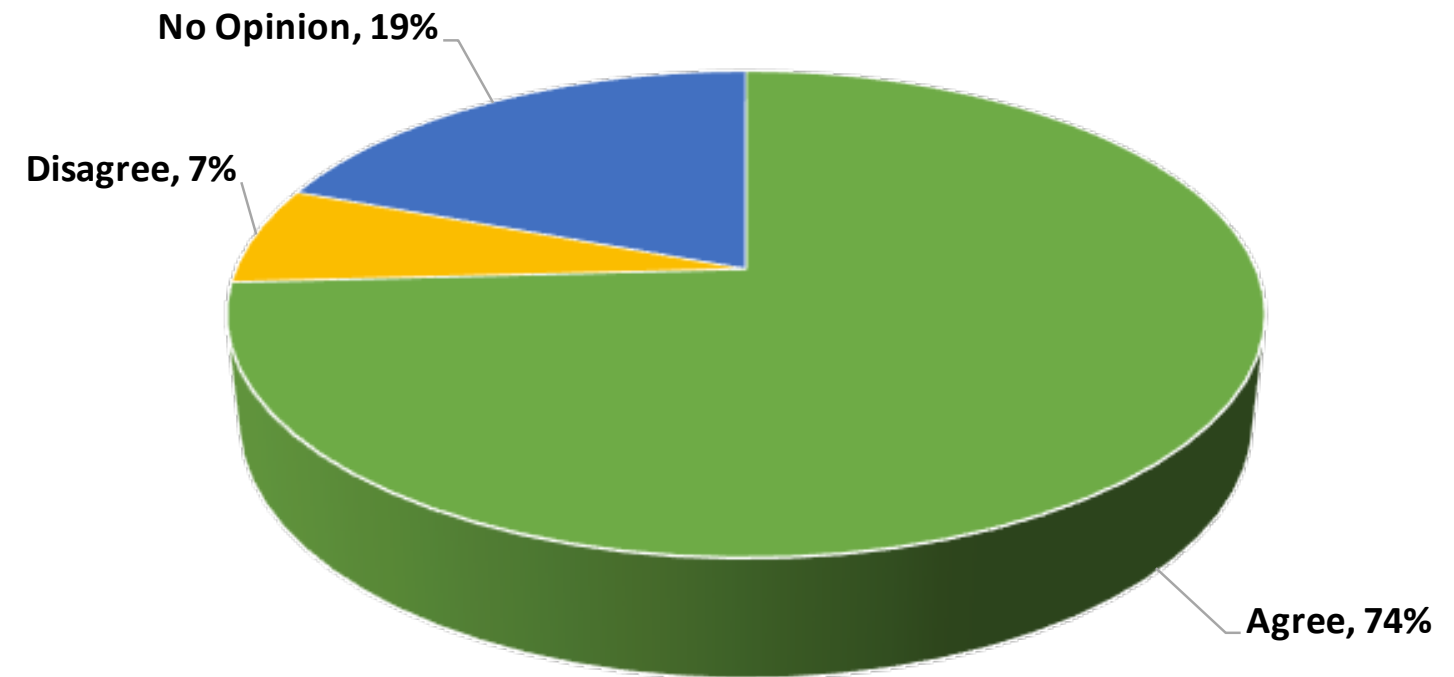
This is a measure of customer satisfaction and loyalty to the Town's parks, open spaces and trails. The Net Promoter Score (NPS) system was used with NPS scores are measured and reported with a number from -100 to +100. A positive score is desirable. Given the NPS range of -100 to +100, a "positive" score or NPS above 0 is considered "Good", +50 is "Excellent, and above 70 is considered "World Class." The Town of Firestone had a score of -15, which is considered a poor score and indicates that work needs to be done to gain a positive customer satisfaction in the future.



Community Survey

Do you agree that the Town of Firestone parks, open spaces and trails contributes to your quality of life?

The majority of respondents agreed at 74%, followed by no opinion at 19% and disagree at 7%.

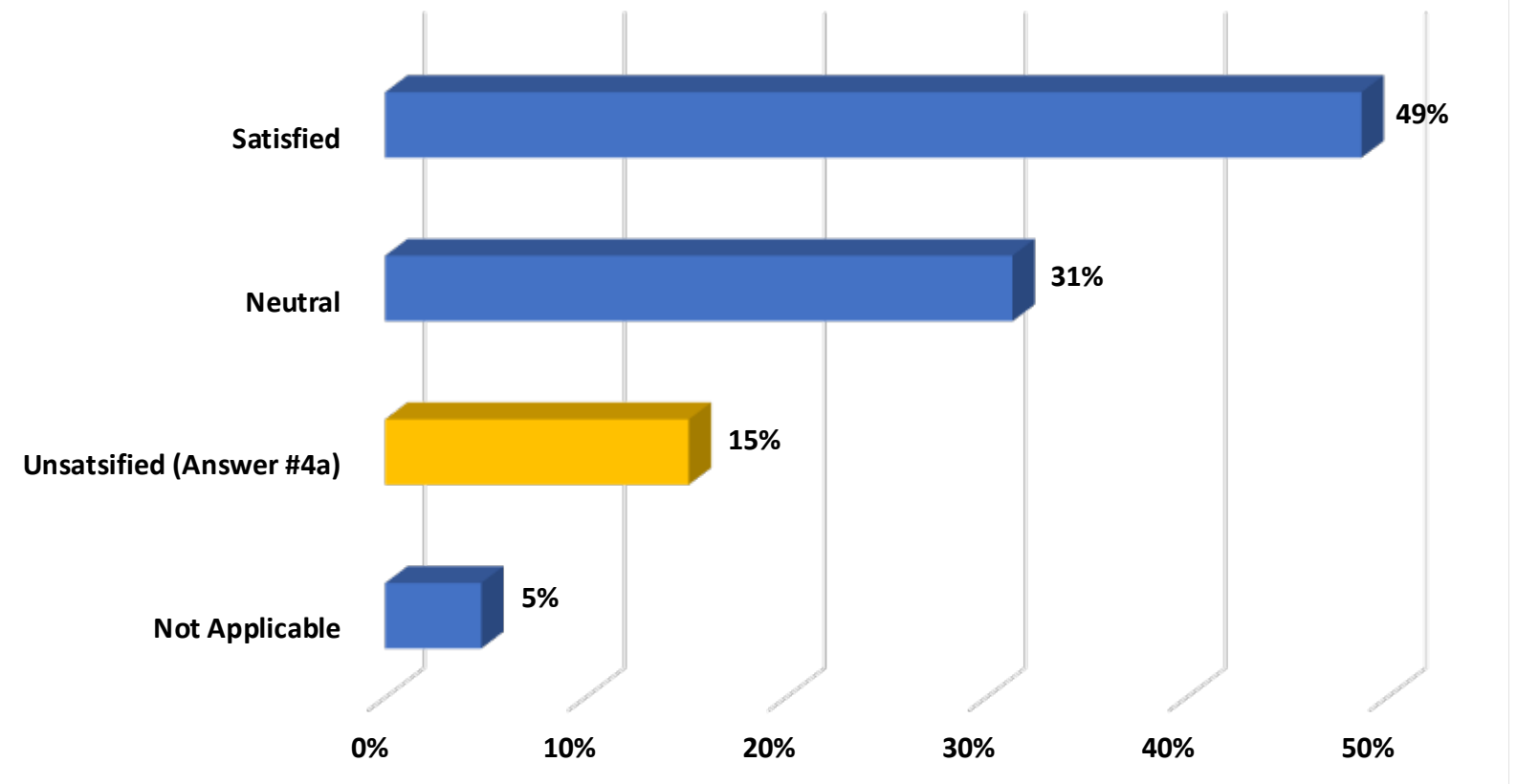


Community Survey

How would you rate your overall satisfaction with the parks, open spaces and trails of the Town of Firestone?

A majority of respondents are satisfied with the Town of Firestone at 49% followed by neutral at 31%, unsatisfied at 15% and not applicable at 5%. In review of our comparable research data in the field, the typical average is 55% as satisfied with less than 10% unsatisfied.

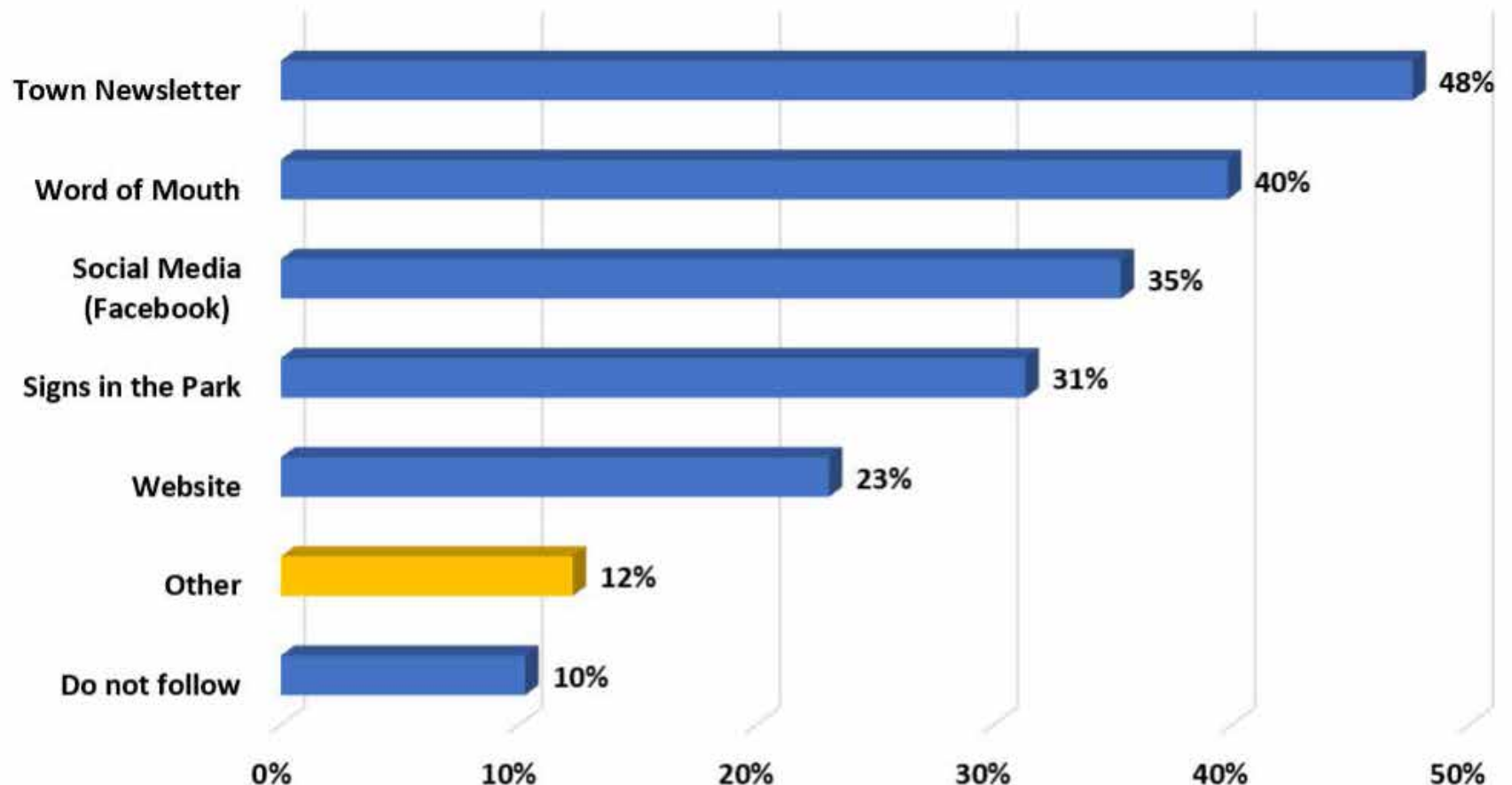
4: How would you rate your overall satisfaction with the parks, open spaces and trails of the Town of Firestone?



Community Survey

How do you learn about what is happening with the Town of Firestone parks, open spaces and trails?

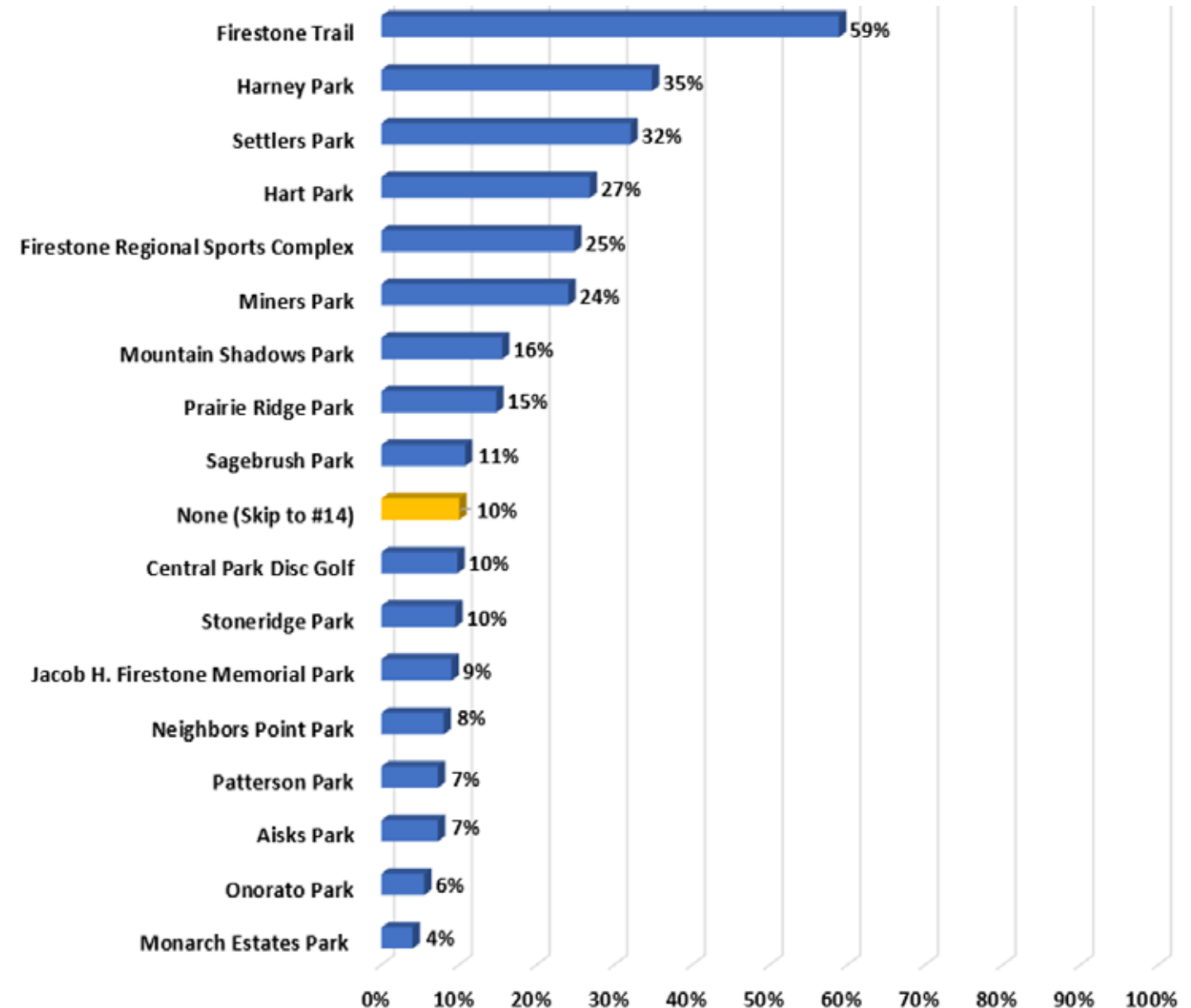
The majority of respondents learn about what is happening through the town newsletter at 48%, followed by word of mouth at 40% and social media at 35%. Some common “other” responses included the Nextdoor app, the Carbon Valley Consumer Report and ads attached to the water bill.



Community Survey

Which of the following parks and/or trails do you or other members of your household use?

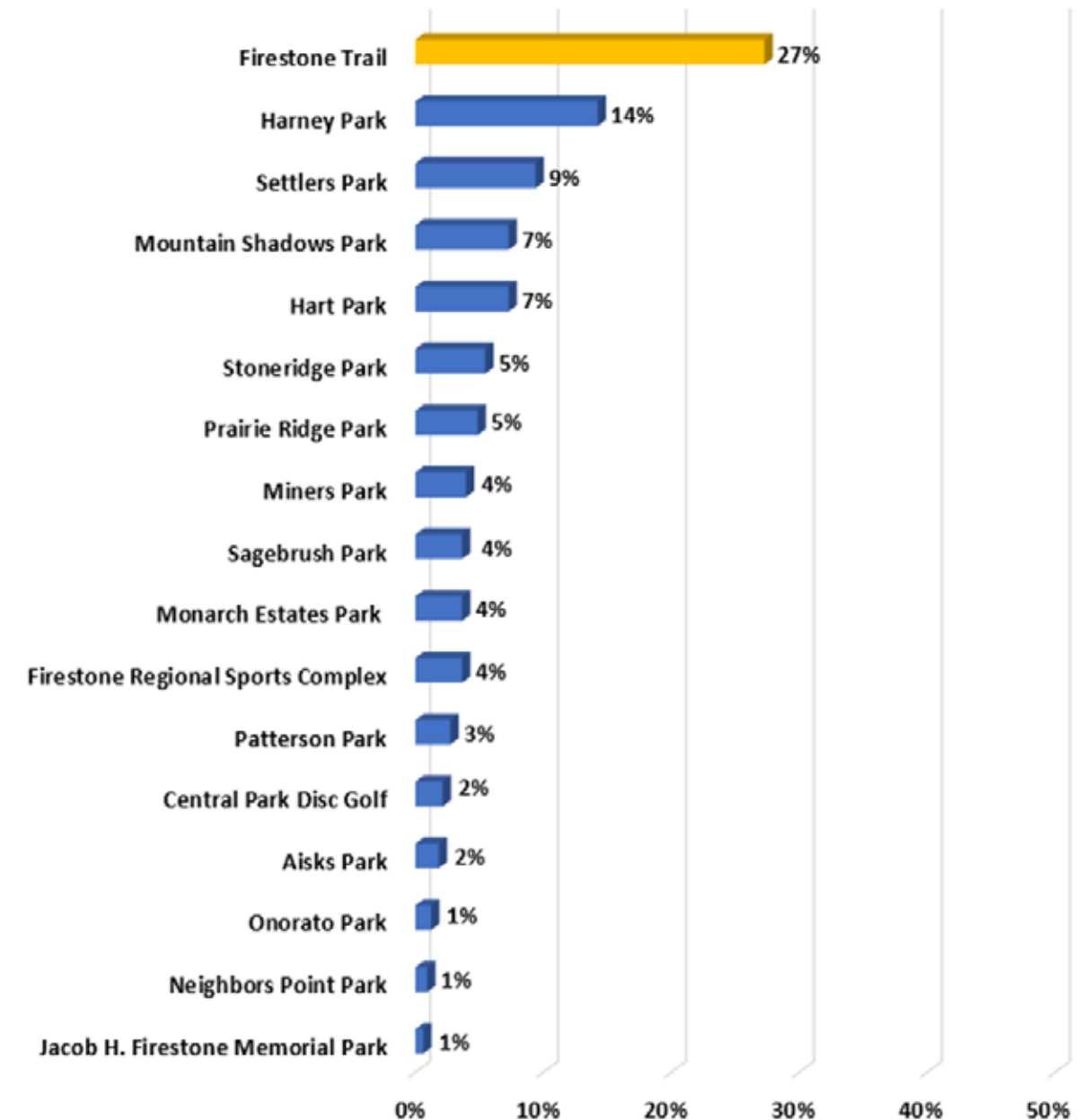
The majority of respondents used Firestone Trails at 59%, followed by Harney Park at 35% and Settlers Park at 32%..



Community Survey

Which park or trail do you most often visit from the list above?

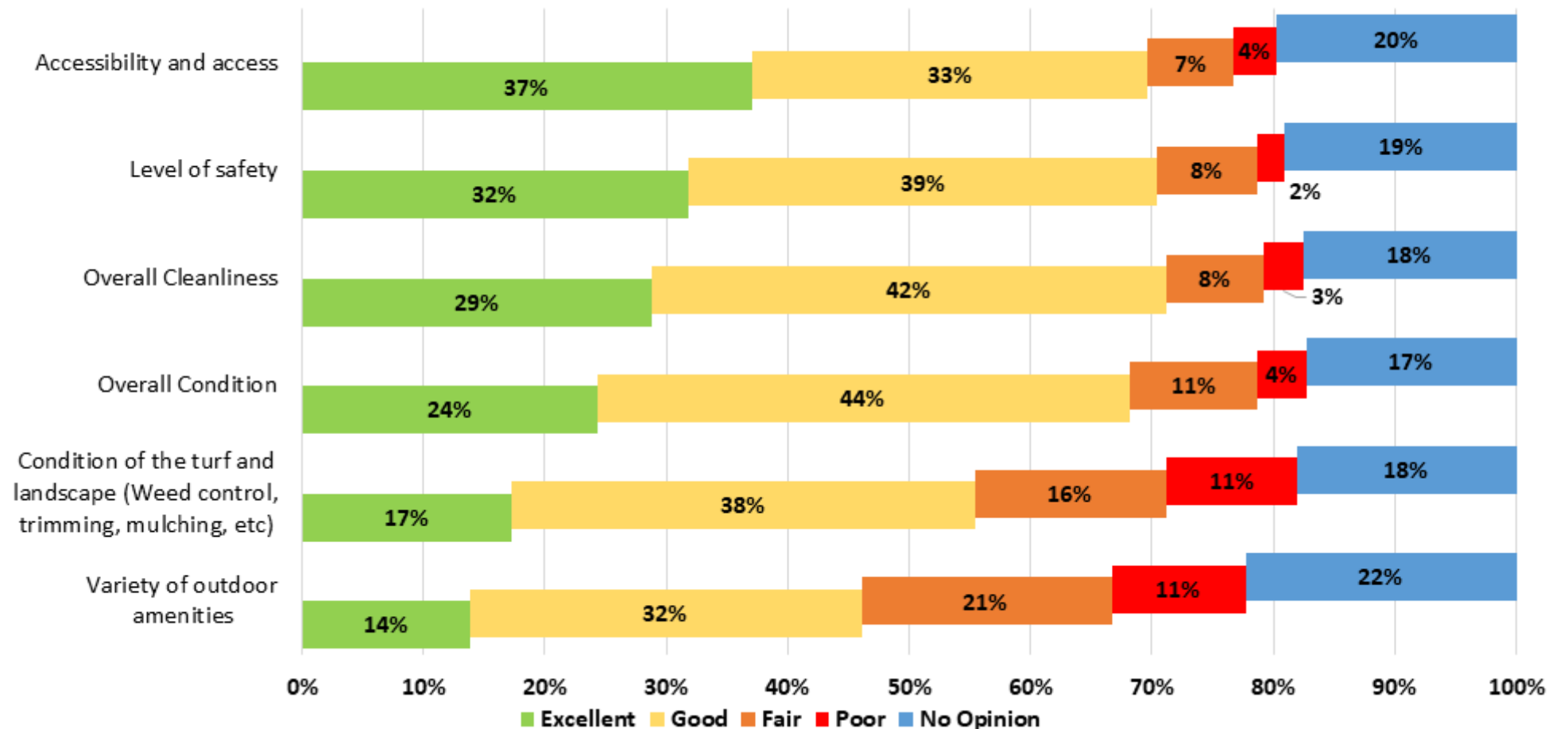
The majority of respondents used Firestone Trail at 27%, followed by Harney Park at 14% and Settlers Park at 9%.



Community Survey

Please rate your feelings about that park or trail for you and your household.

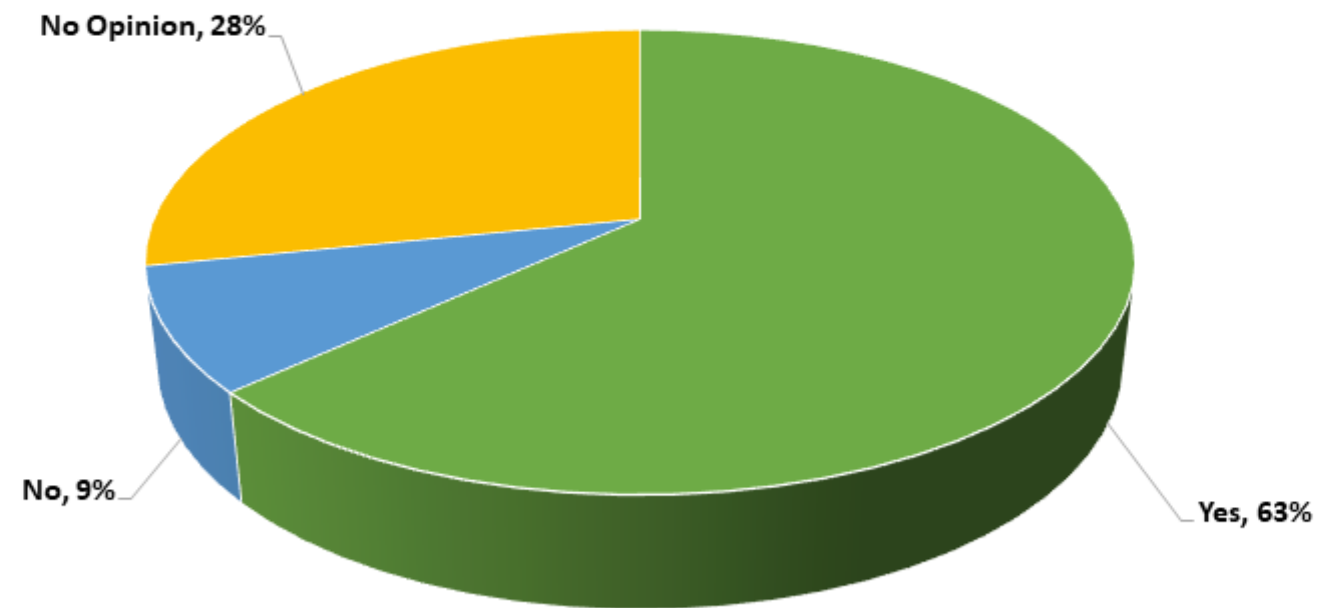
The top three factors that respondents chose on their feelings about their park or trail include accessibility and access at 37%, level of safety at 32% and overall cleanliness at 29%. The variety of outdoor amenities scored the lowest as many of the parks have the basic park elements such as playgrounds but lack signature design elements that make each space unique.



Community Survey

Should the Town of Firestone implement sustainable practices and green initiatives in our parks for the future?

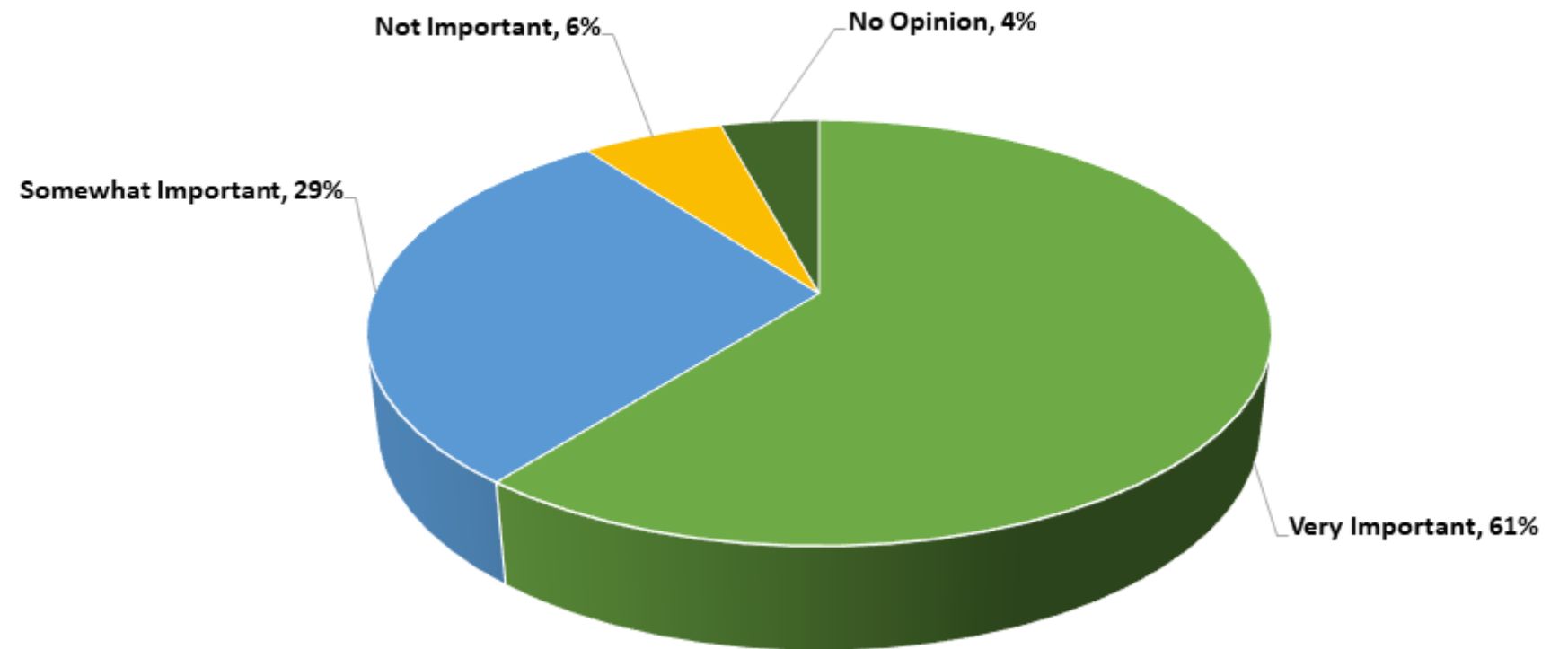
A majority of respondents agreed that the Town should implement sustainable practices and green initiatives at 63%, followed by no opinion at 28% and no at 9%.



Community Survey

How important are our parks, open spaces and trails in providing opportunities to increase health benefits by connecting with the outdoors for you and your household?

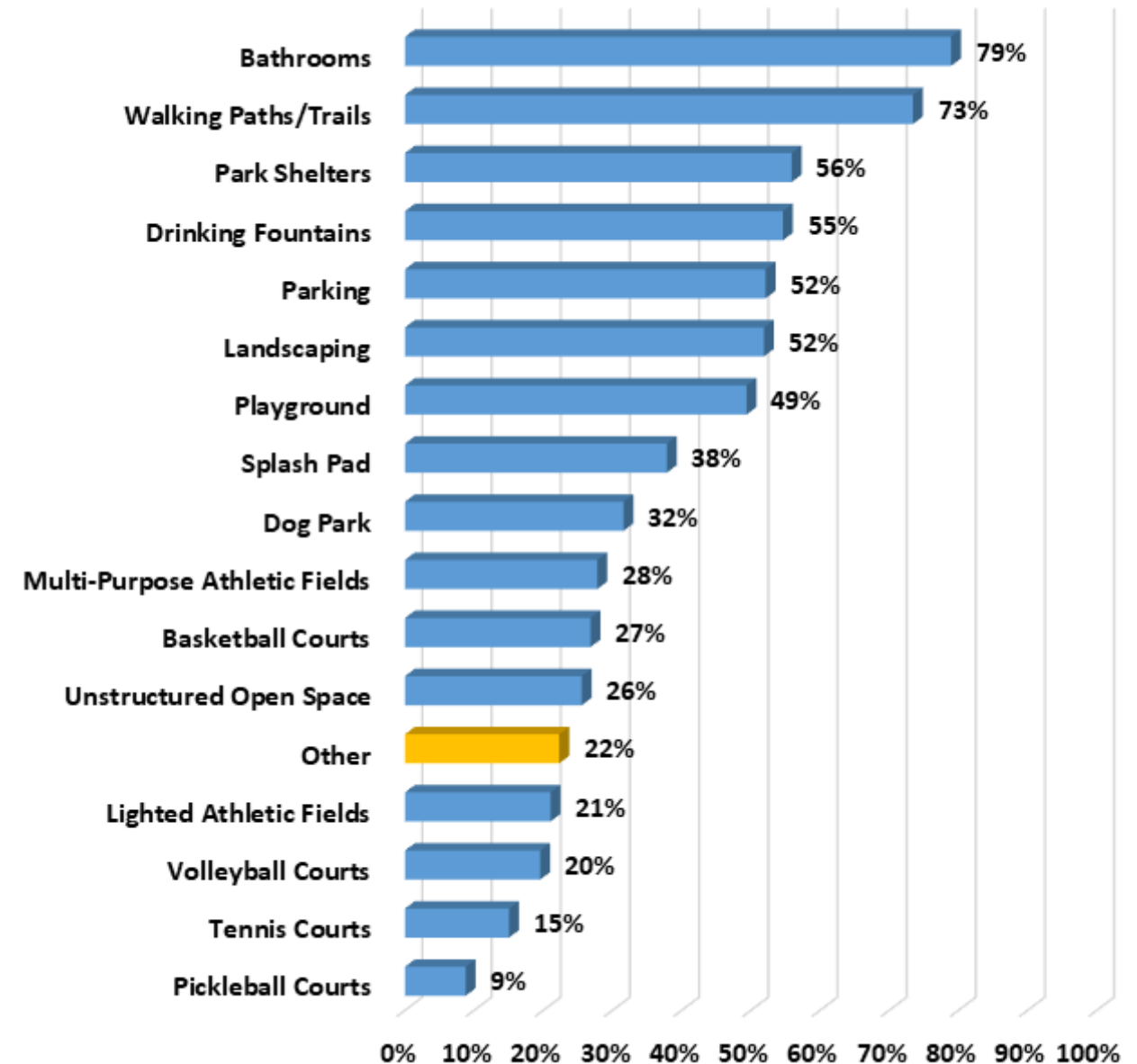
The majority of respondents found the parks, open spaces and trail as very important to their health at 61%, somewhat important at 29%, not important at 6% and no opinion at 4%.



Community Survey

What amenities would be important to you in the development of Central Park?
(Check all that apply)

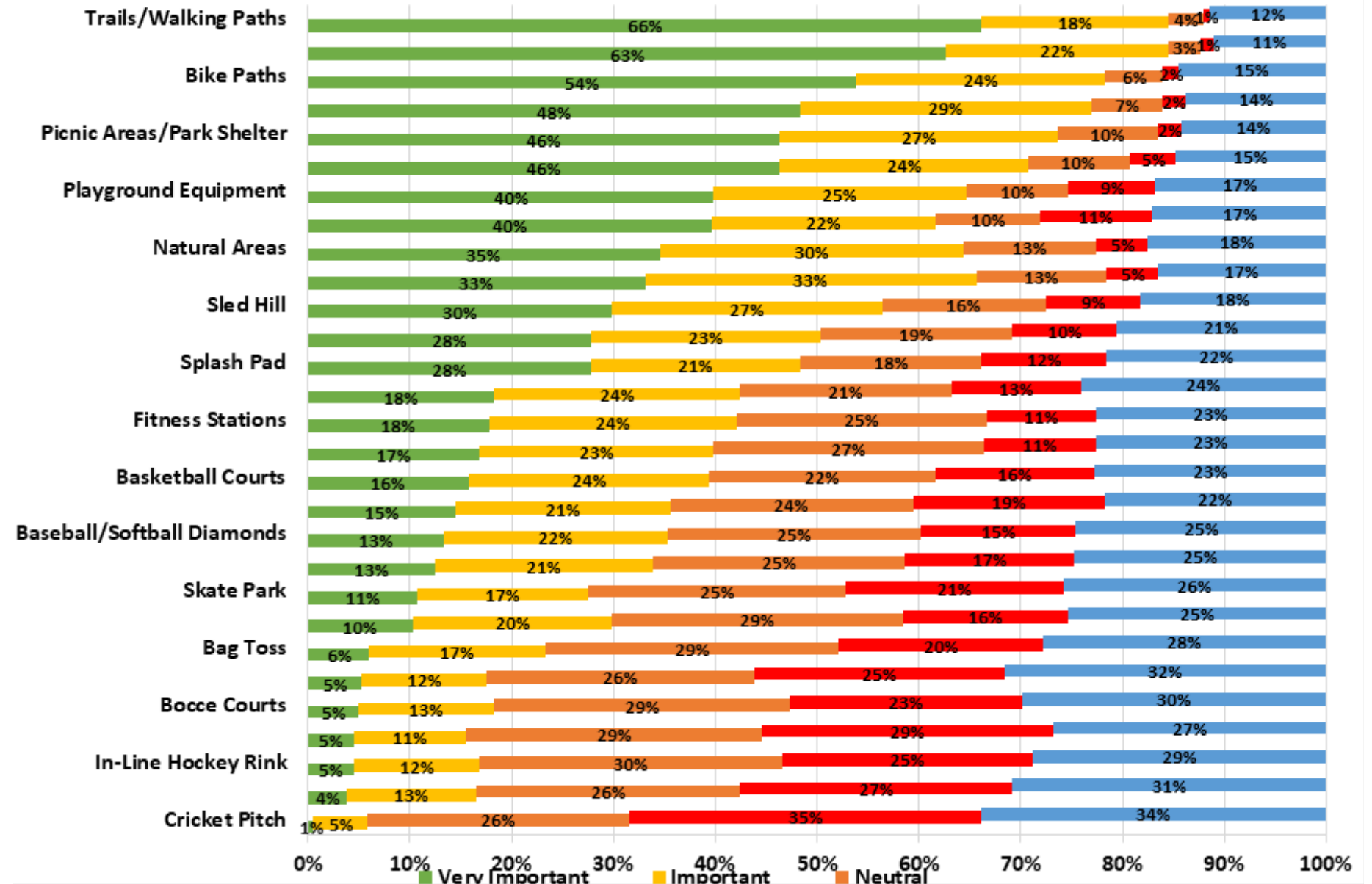
A majority of respondents said that bathrooms were important to Central Park's development at 79%, followed by walking paths/trails at 73% and park shelters at 56%. The "other" responses included similar responses such as a swimming pool, ice rink, a recreation center and accessible fitness equipment and parking.



Community Survey

Please rate the following park amenities that are important for you and your household.

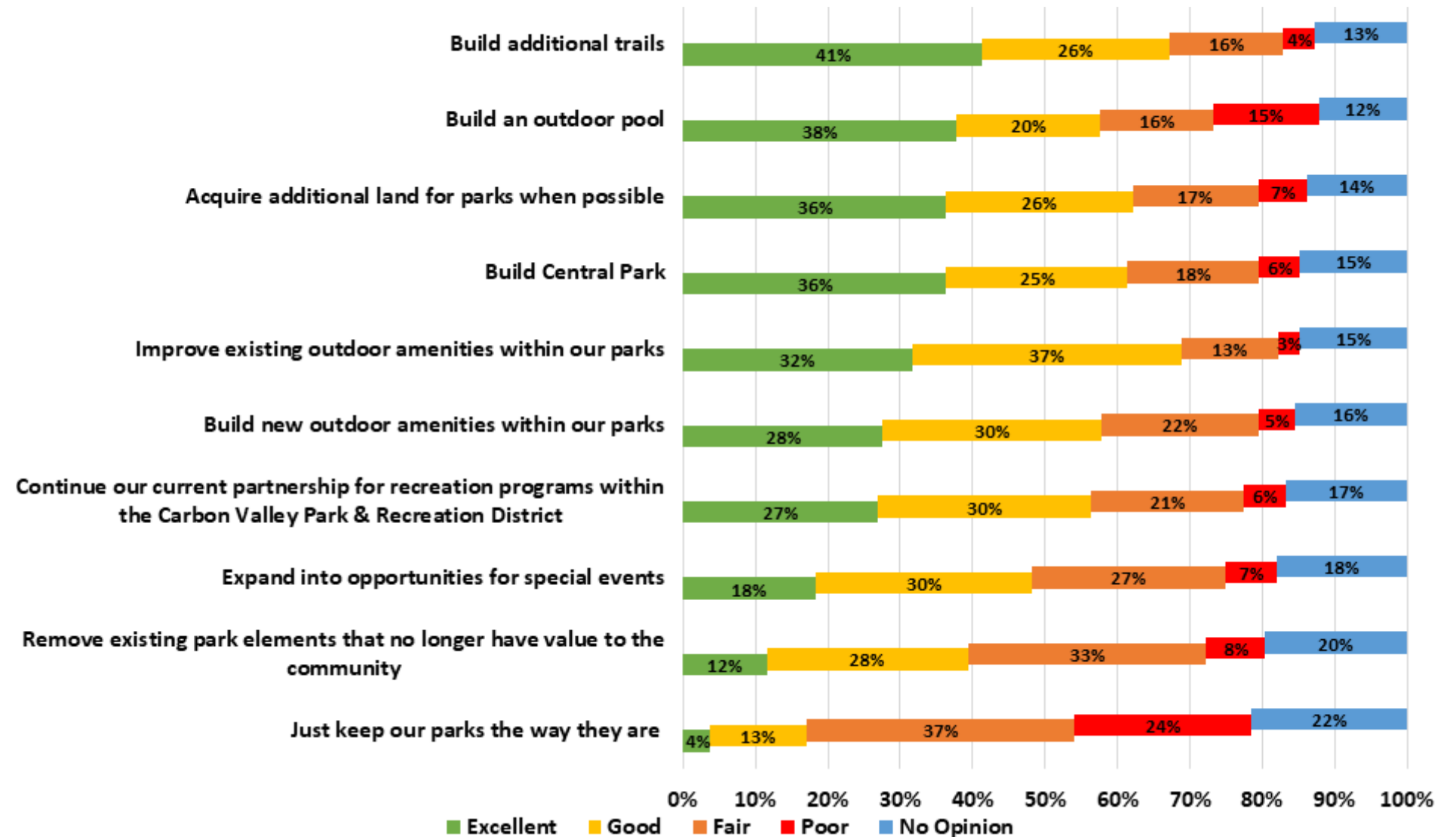
The top three amenities that respondents found important to them were trails/walking paths at 66%, restrooms at 63% and bike paths at 54%. Pathways are clearly important to the community.



Community Survey

Please rate each of the following Town of Firestone possible priorities which would be important to you and your household.

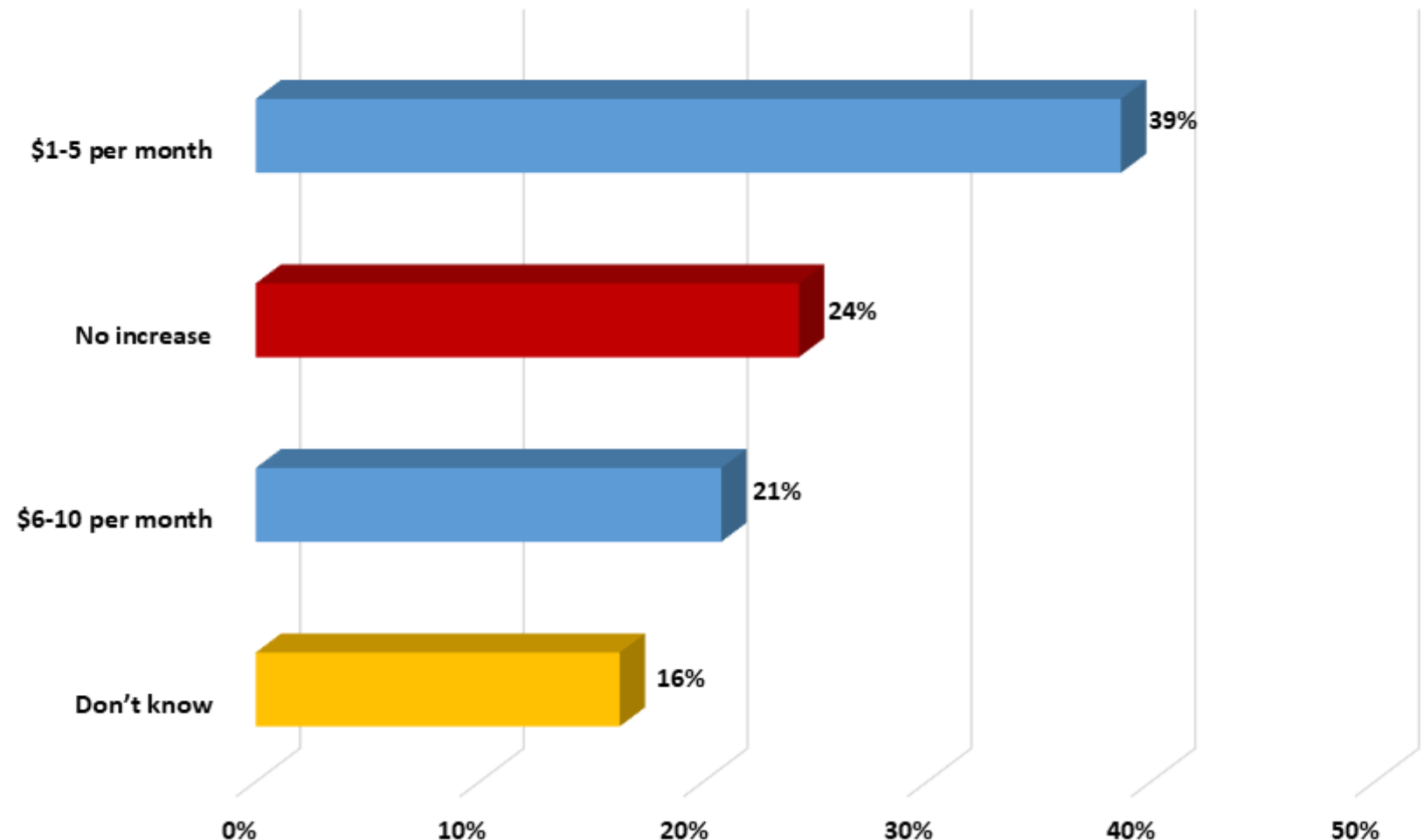
The top three possible priorities that respondents found important to them include building additional trails at 41%, building an outdoor pool at 38% and building Central Park at 36%.



Community Survey

How much of a tax increase would you be willing to pay to fund the costs to continue to renovate, operate and maintain our parks, open spaces and trails?

The majority of respondents would support a tax increase to fund parks, open spaces and trails with an additional \$1-5 per month at 39%, followed by no increase at 24%, an additional \$6-10 per month at 21% and don't know at 16%. In summary, 60% of the survey respondents favored some type of tax increase.





Capital Improvement Plan

Capital Improvement Plan

Costs estimated in 2020 construction dollars

Annual inflation rate of 7% included after 2020

13% contingency included for design and engineering



Capital Improvement Plan

General improvements include:

- New portolet and plumbed restroom facilities
- Firestone Trail lighting and site furnishings
- Enhanced user access and circulation
- Landscape improvements
- Equipment replacement (shelters, playgrounds, etc)
- Wayfinding signage system wide



Capital Improvement Plan

Build out of Central Park allocated to begin budget year 2025:

- Estimated construction costs based on \$300,000 per acre
- 200 acres of the site developed



Capital Improvement Plan

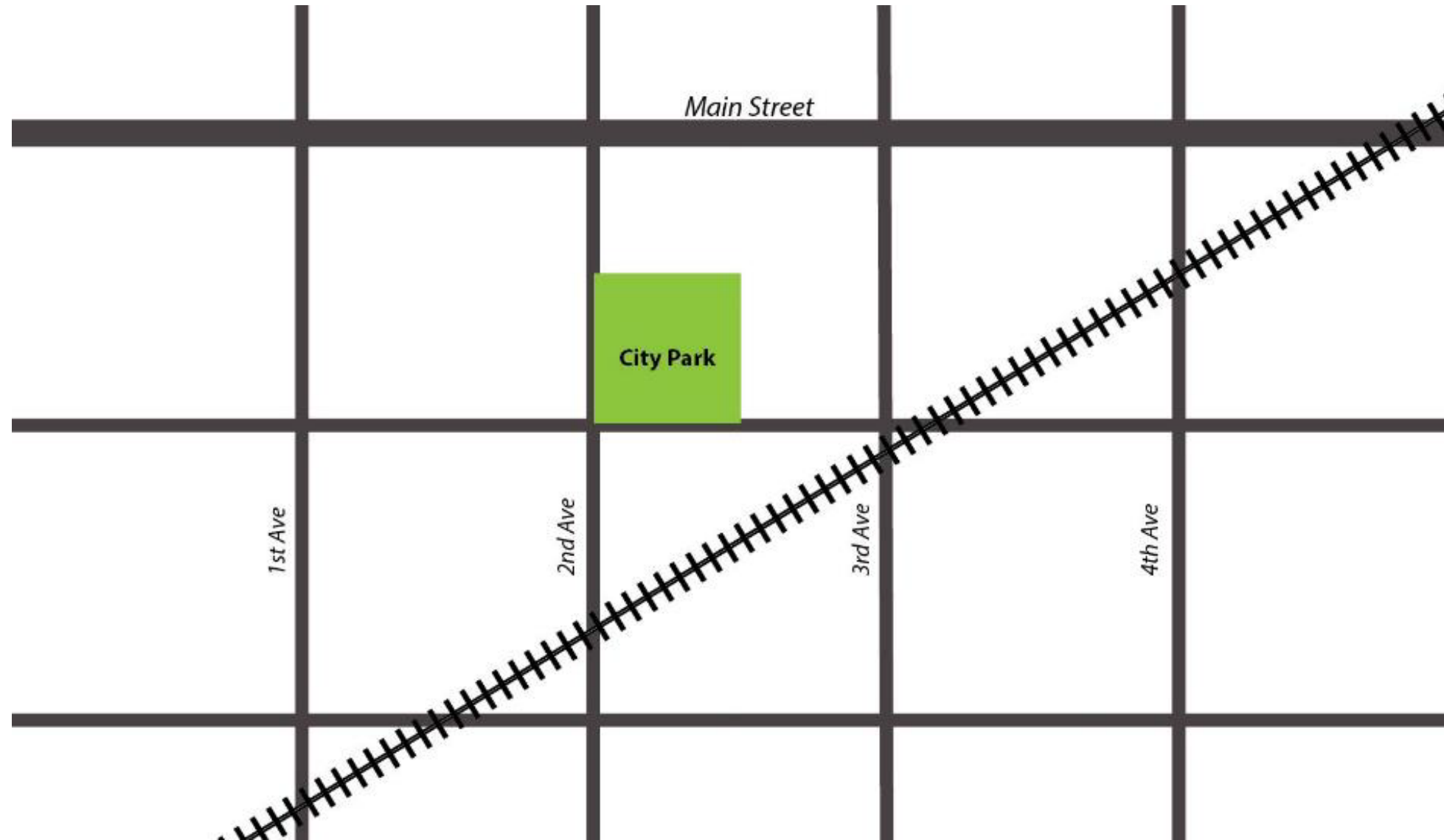
Approved 2020 Capital Improvement Budget:	\$ 410,000
Estimated 2021 Capital Improvement Budget:	\$ 1,039,800
Estimated 2022 Capital Improvement Budget:	\$ 1,677,000
Estimated 2023 Capital Improvement Budget:	\$ 1,758,000
Estimated 2024 Capital Improvement Budget:	\$ 1,524,000
Estimated 2025 Capital Improvement Budget:	\$30,588,000
Estimated 2026+ Capital Improvement Budget:	\$60,732,000





DESIGN
CONCEPTS

Thank you!

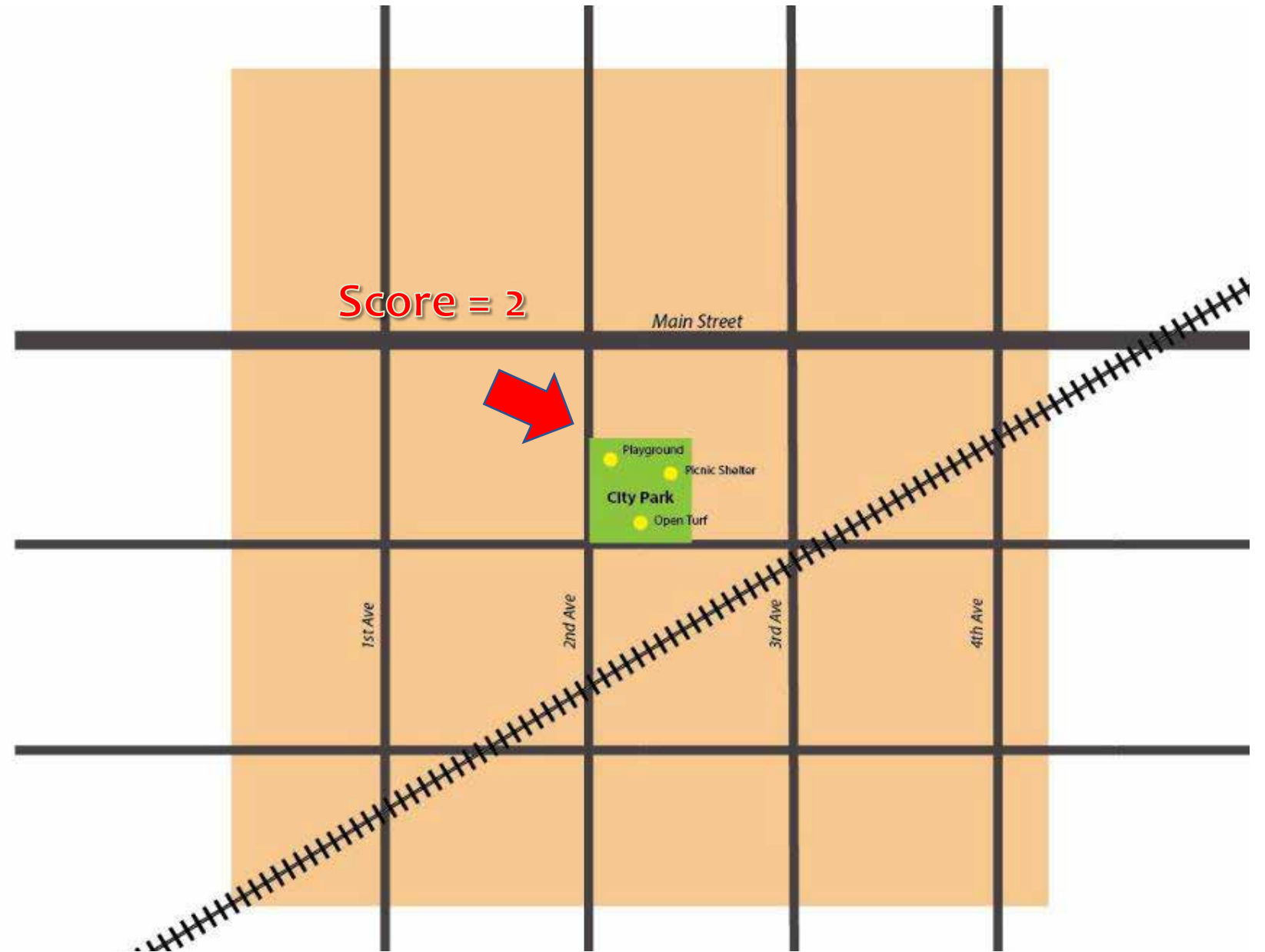


GRASP® Analysis Summary

Each outdoor facility site
buffered to a one mile
service area

Site gets base score of “2”

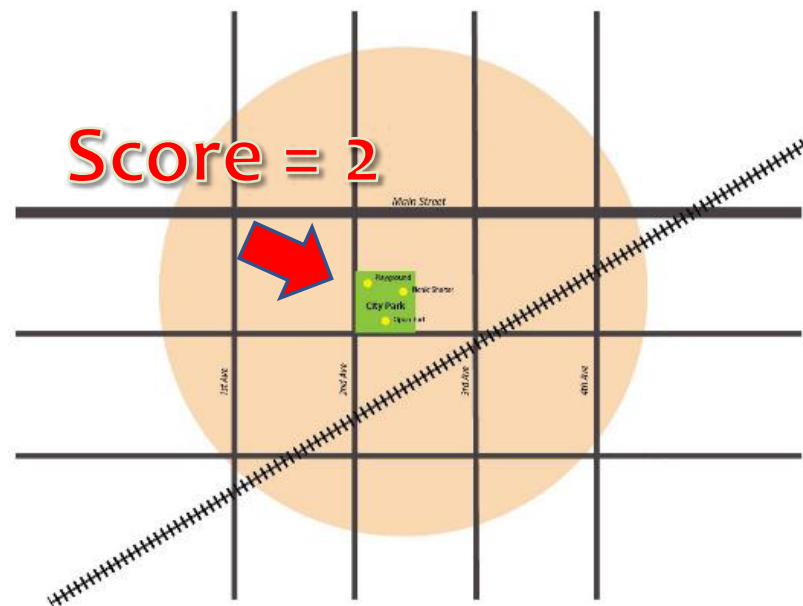
Score applied to entire
service area



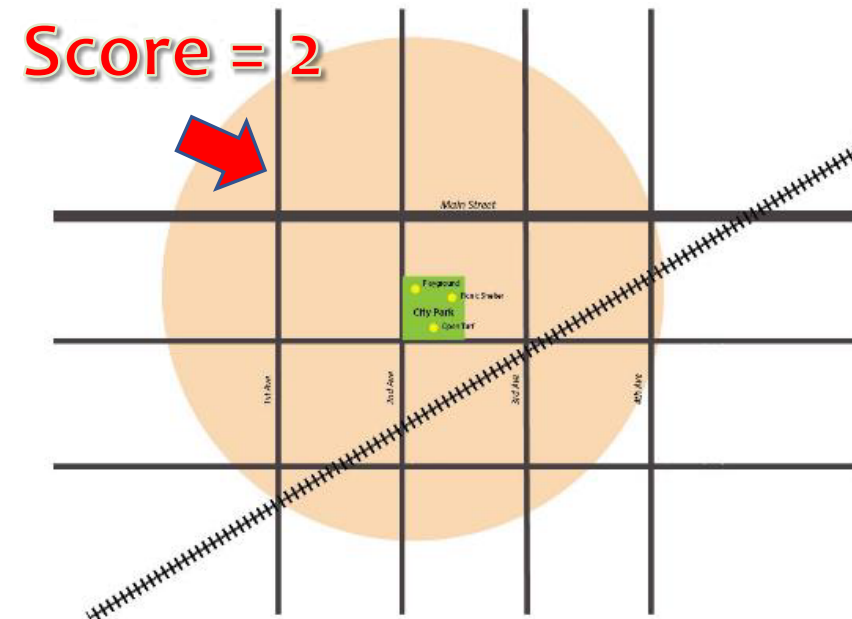
GRASP® Analysis Summary

Scores also applied to each
component buffer

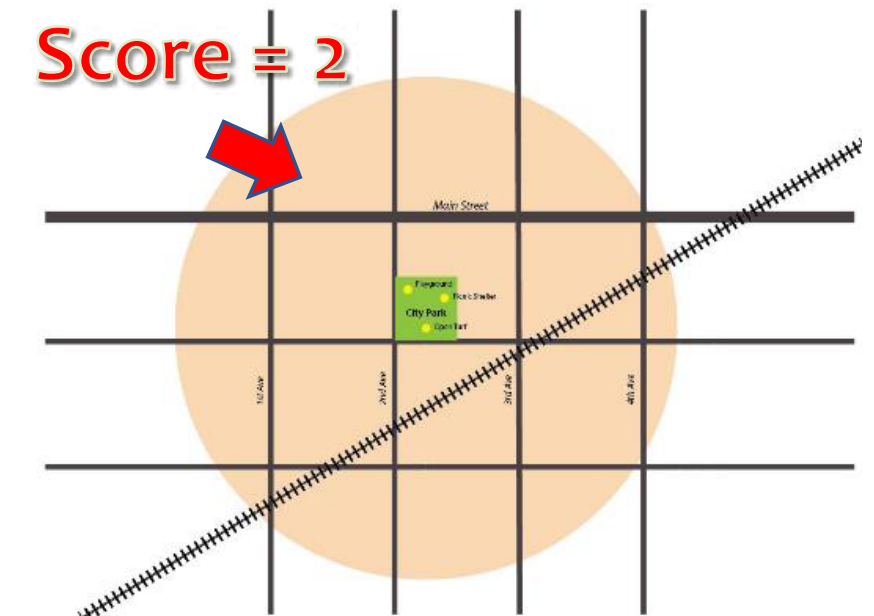
OPEN TURF



PICNIC SHELTER



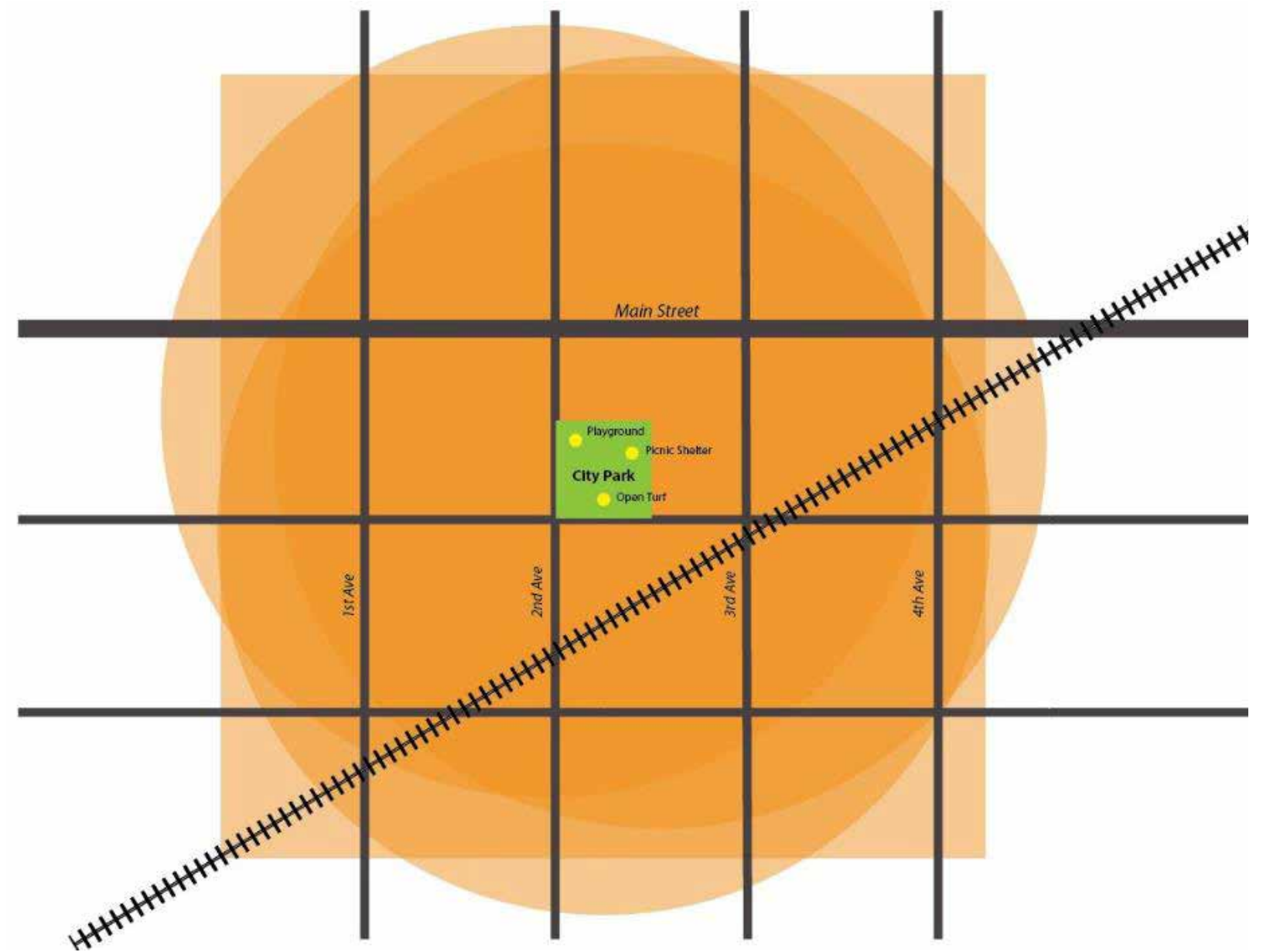
PLAYGROUND



All component scores for a site are cumulative

GRASP score across study area created by these buffer overlays – varies depending on location

Higher scores shown darker, lower scores shown lighter

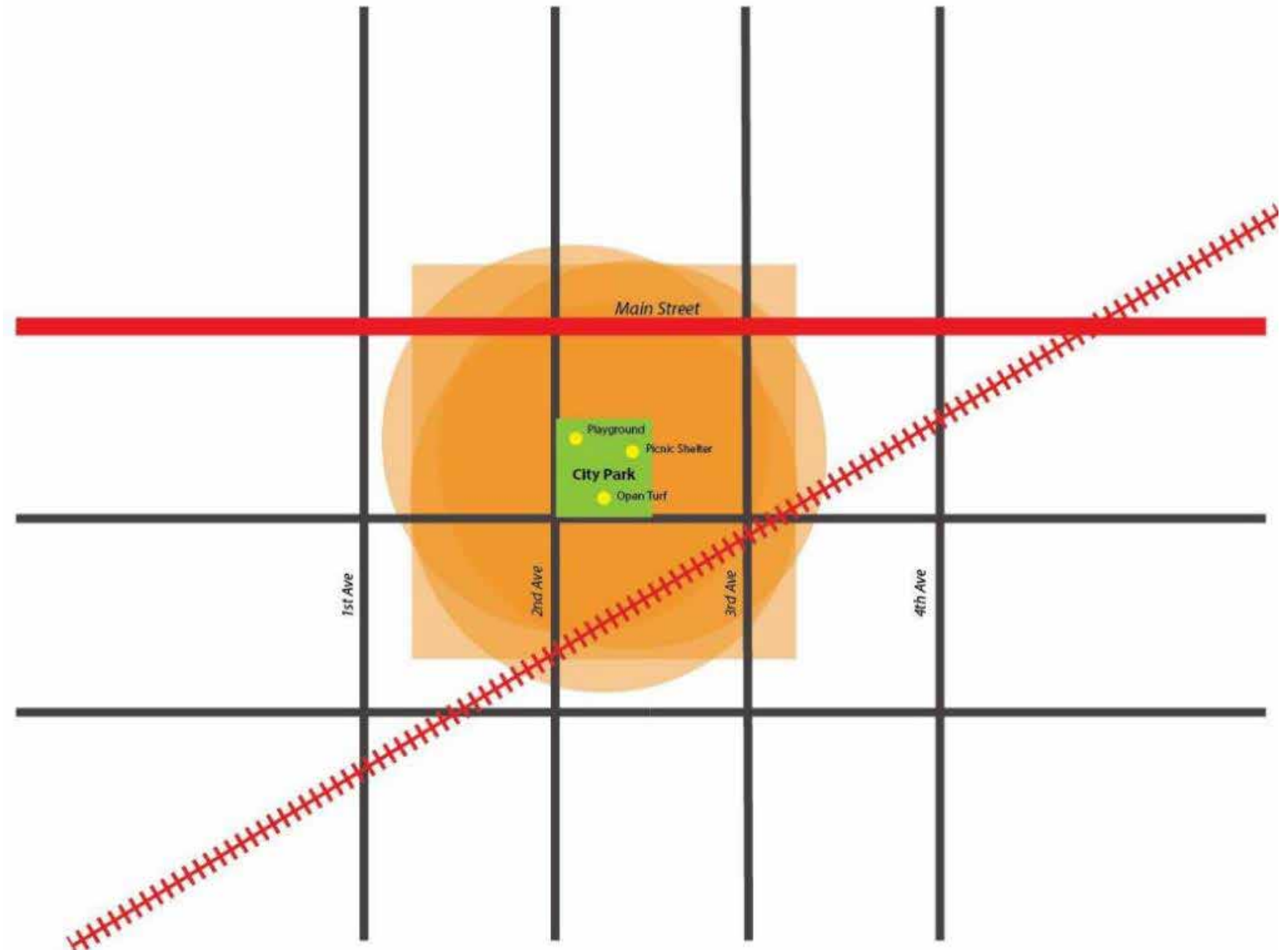


GRASP® Analysis Summary

Walkable access map uses
1/2 mile ONLY

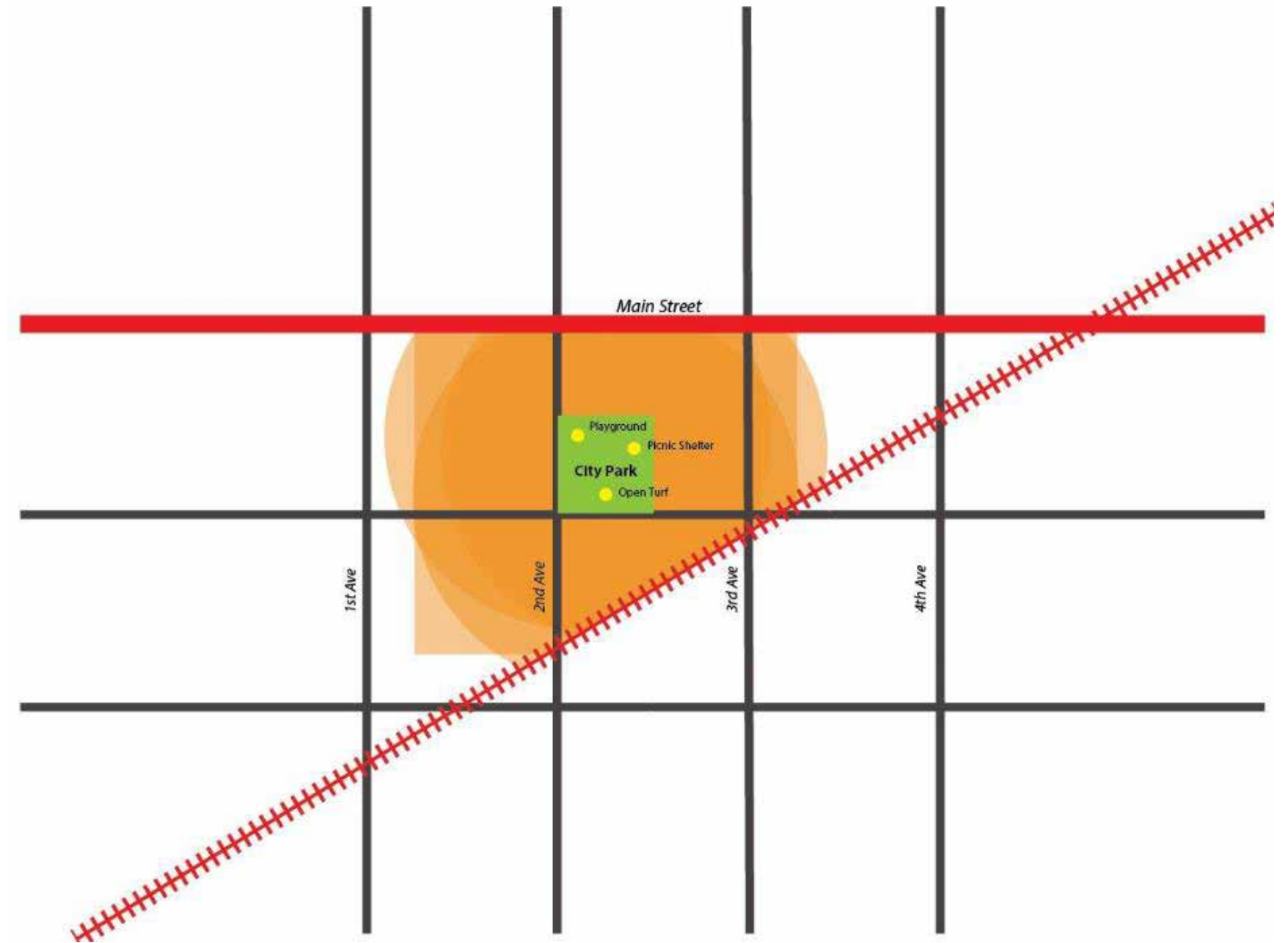
Barriers applied for
walkability analysis

Based on premise that
such barriers impede
walkability



GRASP® Analysis Summary

Walkable service areas
cut-off at barriers such
as major roads and
railroads

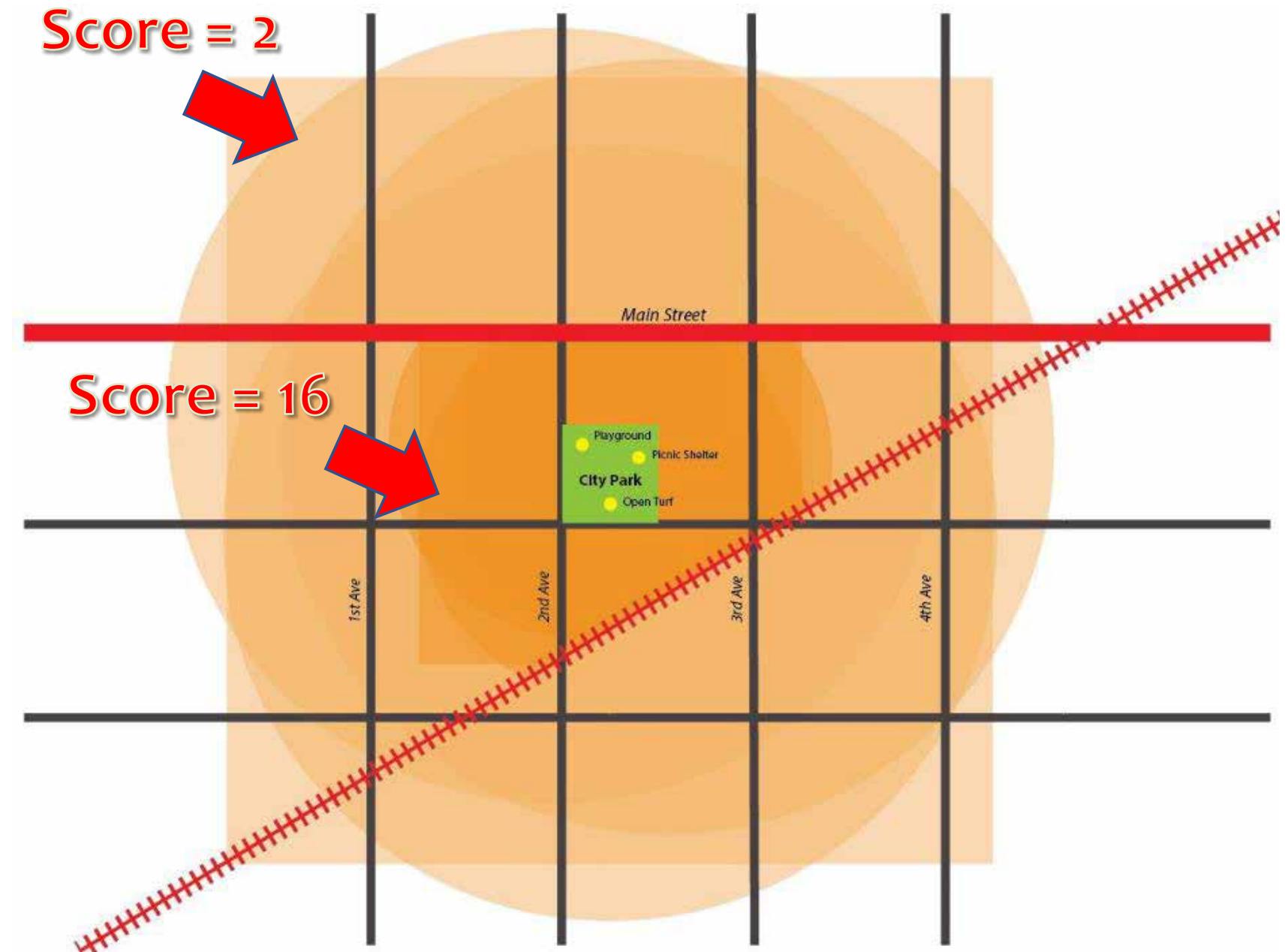


GRASP® Analysis Summary

Neighborhood
access map uses
both 1 mile + 1/3
mile service buffers

Higher scores shown
in darker tones

Lower scores shown
in lighter tones



GRASP® Analysis Summary

Multiple sites within any area impact the level of service by generating even darker shades



GRASP® Analysis Summary