



*Committed to Service*

# GARDEN CITY **Bicycle & Pedestrian Plan**

*Adopted September 23, 2020*

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# EXECUTIVE SUMMARY

The purpose of the Garden City Neighborhood Bicycle and Pedestrian Plan is to identify community priorities for future bicycle and pedestrian projects within the planning area. Projects identified in this plan promote safe, effective, and convenient walking and biking facilities for residents and visitors.

Public Input	Top Priority Projects
<p><b>Student Outreach</b></p> <p>What makes it difficult to walk and bike in the Garden City area?</p> <ol style="list-style-type: none"><li>1. Lack of lighting</li><li>2. Increased driving speeds</li><li>3. Narrow sidewalks</li><li>4. Lack of directional signage on the Greenbelt</li></ol> <p><b>Online Interactive Map</b></p> <ol style="list-style-type: none"><li>1. Increased crossing locations across the Boise River</li><li>2. Reopen and allow access along Boise River Greenbelt</li><li>3. Increased bicycle and pedestrian connectivity</li></ol>	<ol style="list-style-type: none"><li>1. Crossing: 33<sup>rd</sup> Street and Chinden Boulevard</li><li>2. Shared-Use Pathway: Greenbelt Connection, Remington Street/52nd Street</li><li>3. Crossing: 43<sup>rd</sup> Street and Chinden Boulevard</li><li>4. Low Stress Bikeway: 36<sup>th</sup> Street, Chinden Boulevard/Adams Street</li><li>5. Low Stress Bikeway: 33<sup>rd</sup> Street, Brown Street/Greenbelt</li></ol>



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# 1. INTRODUCTION

## Purpose

Ada County Highway District (ACHD) serves as the local highway jurisdiction for the cities and unincorporated areas within Ada County. In order to create effective pedestrian and bicycle plans, ACHD focuses on certain geographic areas/cities to meet specific community needs. The primary purpose of the Garden City Neighborhood Bicycle and Pedestrian Plan (the ‘Plan’) is to identify community priorities for future bicycle and pedestrian projects within the planning area. Projects identified in this plan promote safe, effective, and convenient walking and biking facilities for residents and visitors.

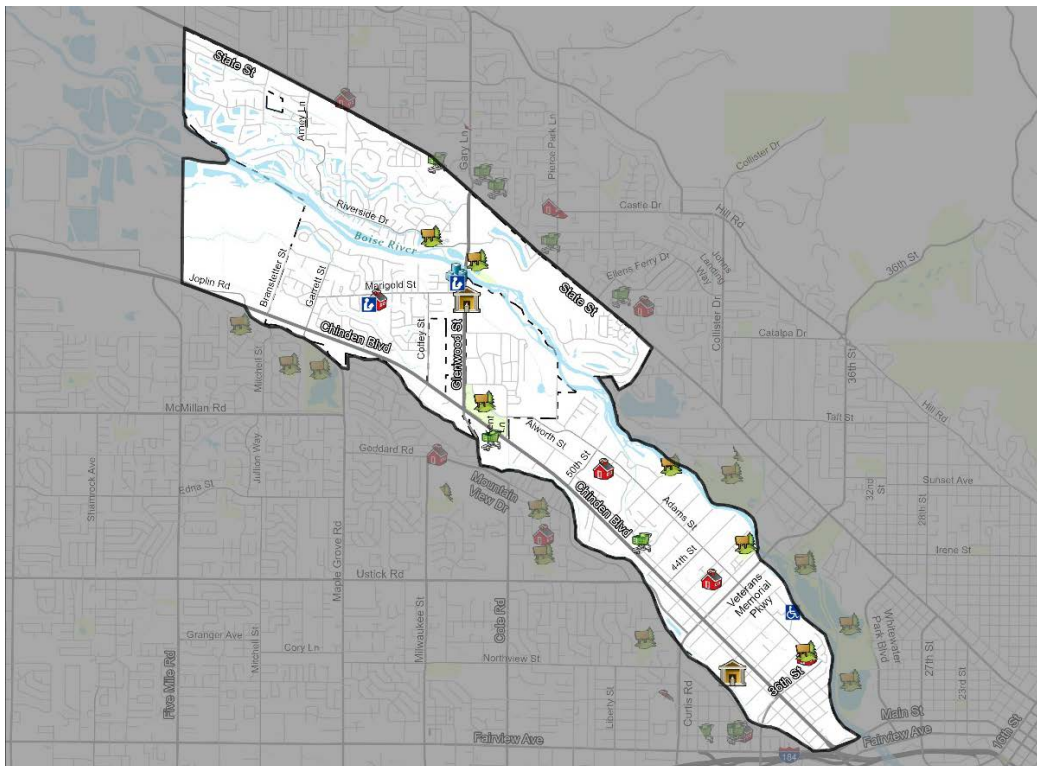
## Goals and Objectives

This Plan was developed with input from the community. Recommended improvements are designed to meet the following goals and objectives:

- Increase the safety and convenience of walking and bicycling
- Improve facilities to meet the needs of people from all age groups
- Enhance mobility to meet accessibility standards
- Create economic development opportunities and enrich the walking and bicycling environment to attract visitors

## Planning Area

The Garden City Neighborhood planning area, shown in **Figure 1-1**, is approximately 5.27 square-miles and includes the entirety of the City of Garden City.



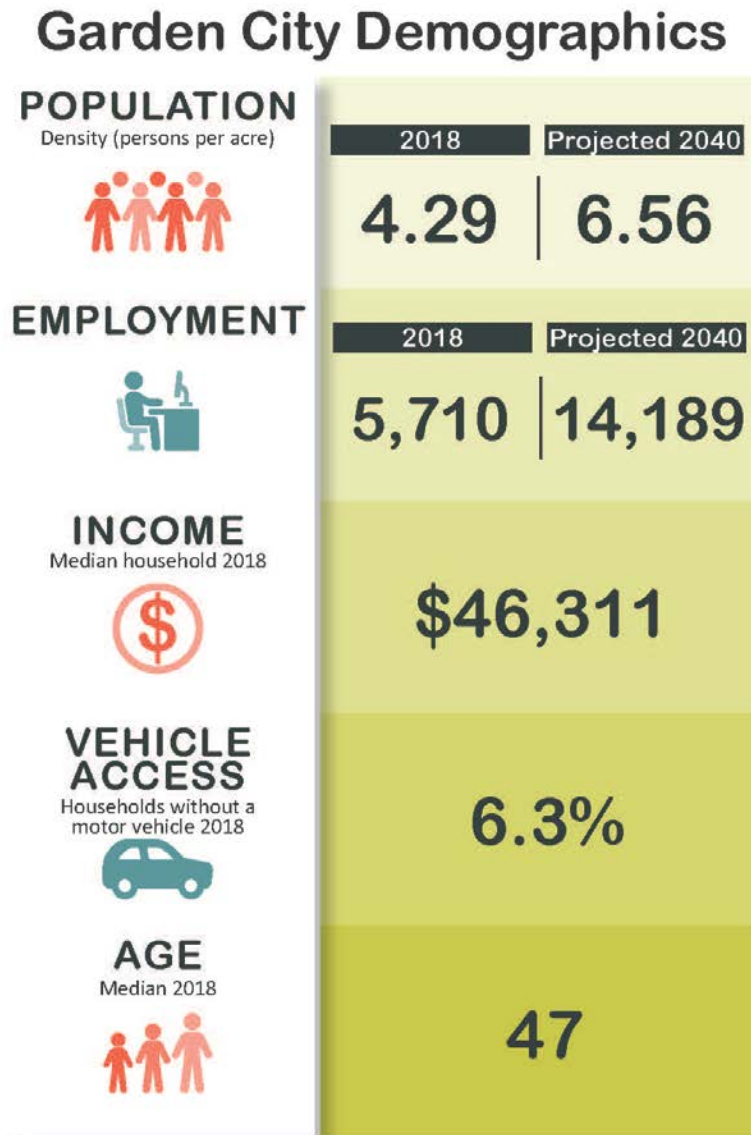
**Figure 1-1.** Garden City Neighborhood Bicycle & Pedestrian Planning Area

## 2. DEMOGRAPHICS AND EXISTING CONDITIONS

### Demographics

Relevant demographic information is shown in the Demographics Snapshot below. Current and projected population and employment projections are based on the U.S. Census and the Community Planning Association of Southwest Idaho (COMPASS). See Current Employment Density map, [Figure 2-1](#) in [Appendix A](#).

### *Demographics Snapshot*



<sup>1</sup> 2018: source: American Community Survey

<sup>2</sup> Data is approximate based on Community Planning Association (COMPASS) Traffic Analysis Zone (TAZ) locations, which do not precisely follow the planning area boundary

## Existing Conditions

A list of existing plans and planned projects in the Garden City Neighborhood planning area is included in **Appendix B**.

### Bicycle Network

A summary of the existing and planned [Roadways to Bikeways Plan (R2B) and Integrated Five Year Work Program (IFYWP)] bicycle network identified in ACHD and COMPASS Geographic Information System (GIS) inventory data is shown in **Table 2-1** below and **Figure 2-2** in **Appendix B**.

**Bicycle & Pedestrian  
Facility Types**

See Roadways to Bikeways Plan  
(2018 Addendum)

**Table 2-1. Bicycle Network**

Bicycle Facility Level	Bicycle Facility Description	Existing Miles	Additional Planned Miles
LEVEL 1	Low-Stress Bikeways/Bike Routes	7.3	0.0
LEVEL 2	Bike Lanes	3.1	2.3
LEVEL 3	Enhanced Bike Facilities	0.5	0.73
<b>Total</b>		<b>10.9</b>	<b>3.03</b>

### Pedestrian Network

A summary of the existing and planned (IFYWP) pedestrian network within the planning area, identified in ACHD and COMPASS GIS inventory data, is shown below in **Table 2-2** and **Figure 2-3** in **Appendix B**. The graphic below shows the facility gaps within the planning area. \*Sidewalk miles needed for a complete network assumes sidewalks on both sides of the street for Arterials and Collector roadways and one side of the street for Local roads.

#### Sidewalk Gap Miles



**Table 2-2. Pedestrian Network**

Roadway Type	Existing Roadway Centerline Miles	Sidewalk Miles Needed to Complete Network	Existing Sidewalk Miles	Sidewalk Gap Miles
Local	33.6	33.6	19.7	13.9
Collector	8.0	16.0	10.3	5.7
Minor Arterial	1.4	2.8	2.3	0.5
Principal Arterial	0.6	1.2	0.8	0.4
<b>Total</b>	<b>43.6</b>	<b>53.6</b>	<b>33.1</b>	<b>20.5</b>

### 3. NEEDS ANALYSIS

This section identifies pedestrian and bicycle attractors, barriers, and, most importantly, public input. The public involvement comments received during this Plan’s development provided many new ideas for improvements to the pedestrian and bicycle network within the planning area.

#### Bicycle and Pedestrian Attractors

Bicycle and pedestrian attractors that typically require consideration when identifying bicycle and pedestrian projects are listed below and identified in **Figure 3-1** in **Appendix C**. This list is non-exhaustive.




 Schools	 Retailers	 Restaurant	 Grocery	 Public
Future Public School	State and Glenwood Shopping Center	Barrel House Pub and Grill	Roots Zero Waste Market	Garden City Public Library
Anser Charter School	Surel’s Place	The Sandbar Patio	Walmart at State/Glenwood	City Hall
Vineyard Christian Academy		Push and Pour	Fred Meyer	Garden City Police Department
Pierce Park Elementary		New York Richie’s	Primo Supermarket	Ada County Fair Grounds
River Glen Junior High				

#### anchors

The primary highly visited locations/anchors that attract increased bicycle and pedestrian activity within the Garden City planning area include the Boise River Greenbelt, Ada County Fairgrounds, Plantation Country Club, Hawk’s Stadium, and the Garden City Public Library. Additionally, there are several attractors associated to the event, First Friday, including several local breweries and wineries that can be referenced on the *Garden City Artisans Pathway Map* in **Appendix C**.

#### Bicycle and Pedestrian Barriers

Bicycle and pedestrian barriers, such as lack of facilities, that require consideration when identifying bicycle and pedestrian projects are listed below and identified in **Figure 3-2** in **Appendix C**.

 High-Traffic	 High-Crash Locations	 Rivers, Creeks, Canals
Chinden Boulevard	Glenwood Street	Boise River
State Street	Chinden Boulevard	Settlers Canal
Curtis Road/Veteran’s Memorial Parkway	Curtis Road/Veteran’s Memorial Parkway	
Glenwood Street		

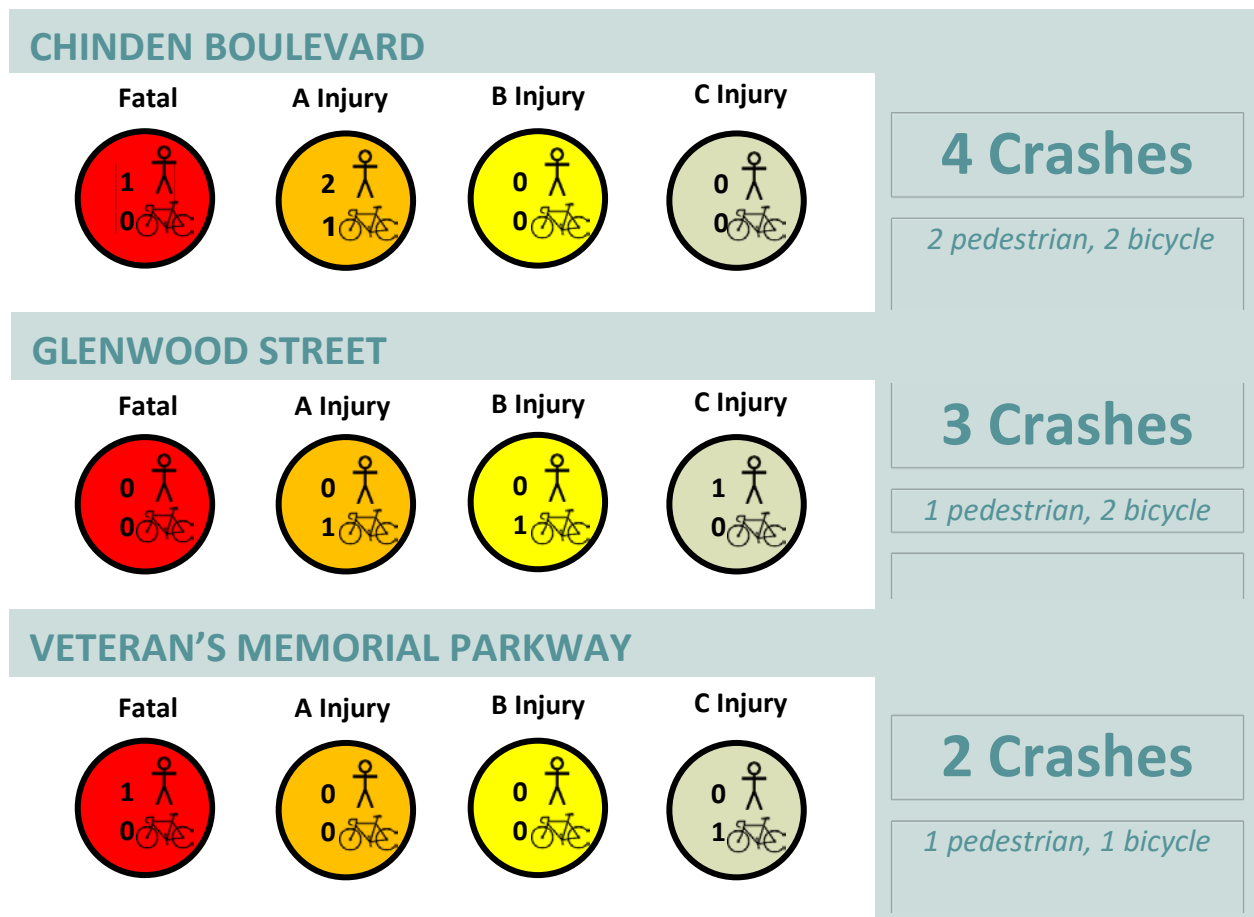


## Crash Analysis

Reported crash locations within the last five years (2014-2018) involving pedestrians and bicyclists were reviewed. Examining existing crash data and identifying historical safety patterns reveals locations where new facilities may have the most impact in preventing crashes from occurring in the future. According to crash records from the Idaho Transportation Department, 9 crashes involving bicyclists and pedestrians occurred in the planning area. Crash data showed the majority of the crashes occurring along Chinden Boulevard and Glenwood Street. Refer to **Figure 3-2** in **Appendix C**.

### Injury Types

- **Fatality** – death occurred within one month of crash
- **A Injury (Serious Injuries)** – incapacitating injury (unconscious, transported to hospital)
- **B Injury (Visible Injuries)** – visible signs of injury (cuts, broken bones)
- **C Injury (Possible Injuries)** – no visible signs of injury (whiplash, soreness)



It should be noted that the Chinden Boulevard and Glenwood Street are Idaho Transportation Department (ITD) facilities and not within ACHD's jurisdiction. ITD is partnering with Garden City to apply planning tools, to take a holistic approach at the two main State Highway's within Garden City. ITD is the lead agency sponsor for a 12-15-month corridor plan for Glenwood Street (SH-44). Garden City is the lead agency for an access management plan for Chinden Boulevard. Both partnering agencies see great value in these plans, as both agencies have been very proactive in finding solutions for all commuters on these two corridors.

## Public Input

The graphic below represents the public input process and associated outcomes. All public involvement efforts were completed within the constraints of COVID-19 restrictions set forth by the Center for Disease Control (CDC) and the State of Idaho. Refer to Public Involvement Summary in **Appendix C**.

Garden City Bicycle & Pedestrian Plan

# GARDEN CITY Bicycle & Pedestrian Plan


## Welcome Neighbors!

Below you can learn about ACHD's bicycle and pedestrian plan for Garden City and provide feedback on projects under consideration.

### Achieving Our Vision

The purpose of the Garden City Neighborhood Bicycle and Pedestrian Plan is to identify community priorities for future bicycle and pedestrian projects within the planning area.

Projects identified in this plan promote safe, effective, and convenient walking and biking facilities for residents and visitors.



### Student Outreach

**What makes it difficult to walk and bike in the Garden City area?**

1. Lack of lighting
2. Increased driving speeds
3. Narrow sidewalks
4. Lack of directional signage on the Greenbelt

### 3P Visual Online Interactive Map

**145 Comments**

1. Increased crossing locations across the Boise River
2. Increased access along Boise River Greenbelt
3. Increased bicycle and pedestrian connectivity

### Recommended Projects Survey

**Project Prioritization**

1. Crossing: 33rd Street and Chinden Boulevard
2. Shared-Use Pathway: Greenbelt Connection, Remington Street/52nd Street
3. Crossing: 43rd Street and Chinden Boulevard

**Note:** The City of Garden City has received various public requests, prior to this planning process, identifying two shared-pathway projects: 1. Pathway connection to Riverglen/Pierce Park, 2. Pathway from south side of the river through the north east quadrant of the City.

## 4. RECOMMENDED PROJECTS

### Bicycle and Pedestrian Projects

*The recommended bicycle and pedestrian projects are based on the prioritization criteria provided in ACHD's Integrated Five-Year Work Plan (IFYWP), Roadways to Bikeways Plan (2018 Addendum) and input gathered from the public.*

Project numbers in **Table 4-1** correspond with the recommended projects shown in **Figure 4-1** and **Figure 4-2**. Recommended Projects in **Table 4-1** include information to assist ACHD, the City of Garden City, and community residents when evaluating and prioritizing projects. The final treatment (i.e. striping, sharrows, wayfinding signs, etc.) for each project will be reviewed by ACHD as part of the annual project scoping process. Refer to Recommended Projects Maps, **Figure 4-1** and **Figure 4-2**.

### Bicycle Projects

**Bicycle** projects were ranked using the listed criterion in the Roadways to Bikeways Plan (2018 Addendum). The projects are ranked High, Medium or Low based on their numerical score. Each project is given a number value based on Regional Low-Stress Bikeway Network Build-Out ability, Connectivity to a Regional Low-Stress Bikeway Network, Distance to a School, Distance to Civic Facilities/Transit/Commercial Destinations and Demographic Data.

Bicycle project treatment types were determined based on the ACHD Bicycle Facility Definitions from the Roadways to Bikeways Plan (2018 Addendum).

### Pedestrian Projects

**Pedestrian** projects were ranked using the listed criterion for the Community Programs section of ACHD's IFYWP. The projects are ranked High, Medium or Low based on their numerical score. Each project is given a number value based on Average Daily Traffic, Distance to School, Existing Pedestrian Facilities, Americans with Disabilities Act Attributes, Distance to Civic Facilities/Transit/Commercial Destinations, and Demographic Data.

**Crossing** projects were ranked using the listed criterion for the Community Programs section of ACHD's IFYWP. The projects are ranked High, Medium or Low based on their numerical score. Each project is given a number value based on Average Daily Traffic, Distance to School, Crossing Distance, Speed Limits, Distance to Civic Facilities/Transit/Commercial Destinations, and Demographic Data.

ACHD will work with the School District and the city to identify safe route to school projects and review priority of these locations through the Integrated Five-Year Work Plan.

Prioritization criteria is included in **Appendix D**.

**Table 4-1. Garden City Recommended Projects**

Project ID	Project Type	Project Name	Description	Priority
<b>Bike Treatment</b>				
B1	Level 1: Low Stress Bikeway	33rd St, Brown St/Greenbelt	Provide low-stress bikeway facilities along 33rd St from Brown St to the Greenbelt	High
B2	Level 1: Low Stress Bikeway	36th St, Chinden Blvd/Adams St	Provide low-stress bikeway facilities from Chinden Blvd to Adams St, connecting the existing facilities on Orchard St to the Greenbelt	High
B3	Level 2: Bike Lanes	43rd St, Ustick Rd/Greenbelt	Provide designated bike lanes on 43rd St from Ustick Rd to the Boise Greenbelt.	Medium
B4	Level 2: Bike Lanes	Adams St, 49th St/37th St	Provide designated bike lanes on Adams St from 49th St to 37th St. A concept study is recommended for this project.	Medium
B5	Level 2: Bike Lanes	Alworth St, Kent Ln/49th St	Provide designated bike lanes on Alworth St from Kent Ln to 49th St. This project requires the center turn lane to be removed.	Low
B6	Level 1: Low Stress Bikeway	Garrett St, Chinden Blvd/Greenbelt	Provide low-stress bikeway facilities along Garrett St from Chinden Blvd to the Boise Greenbelt access on River Beach Ln. Provide way finding to on north end on Atwater Dr and River Beach Ln.	Low
B7	Level 2: Bike Lanes	Marigold St, Garrett St/Glenwood St	Upgrade existing Level 2 Bike Facilities to meet current ACHD width standards.	High
B8	Level 1: Low Stress Bikeway	Mystic Cove Road	Provide low-stress bikeway facilities along Mystic Cove Rd and the Greenbelt access points. Improve ADA facilities at Greenbelt access points.	High
B9	Level 1: Low Stress Bikeway	Reed St, Adams St/Greenbelt	Provide low-stress bikeway facilities along Reed St from Adams St to the Boise Greenbelt. Provide way finding to Heron Park and access to the Greenbelt.	Low
<b>Shared Use Pathway</b>				
P1	Shared-Use Path	Greenbelt Connection, Remington St/52nd St	Provide the remaining greenbelt link between the extension at Remington St to 52nd St. Garden City jurisdiction/project.	High
P2	Shared-Use Path	Kent Ln, Chinden Blvd/Alworth St	Provide a shared-use path on the east side of Kent Ln from Chinden Blvd to Alworth St.	High
P3	Shared-Use Path	Settlers Canal, Glenwood St/Orchard St	Provide a shared-use path along Settlers Canal. Garden City jurisdiction/project.	High
<b>Sidewalks</b>				
S1	Sidewalks	31st St, Brown St/Chinden Blvd	Sidewalks on the east side of 31st St from Brown St to Chinden Blvd.	Low
S2	Sidewalks	32nd St, Brown St/Greenbelt	Complete sidewalk gaps on the west side of 32nd St from Brown St to the Boise Greenbelt.	Low
S3	Sidewalks	33rd St, Brown St/Greenbelt	Sidewalks on both sides of 33rd St. Connects the existing greenbelt to attractions south of Chinden Blvd	High
S4	Sidewalks	34th St, Settlers Canal/Greenbelt	Complete sidewalk gaps on the east side of 34th St from Settlers Canal to the Boise Greenbelt.	Medium
S5	Sidewalks	35th St, Settlers Canal/Greenbelt	Complete sidewalk gaps on the west side of 35th St from Settlers Canal to the Boise Greenbelt.	Medium
S6	Sidewalks	37th St, Settlers Canal/Adams St	Complete sidewalk gaps on the west side of 37th St from Settlers Canal to Adams St.	Low
S7	Sidewalks	39th St, Settlers Canal/Adams St	Complete sidewalk gaps on the east side of 39th St from Settlers Canal to Adams St.	Low
S8	Sidewalks	40th St, Chinden Blvd/Greenbelt	Complete sidewalk gaps on the west side of 40th St from Chinden Blvd to the Boise Greenbelt.	Low
S9	Sidewalks	42nd St, Ustick Rd/Chinden Blvd	Sidewalk on the east side of 42nd St from Ustick Rd to Chinden Blvd.	Low
S10	Sidewalks	43rd St, Ustick Rd/Chinden Blvd	Sidewalks on both sides of 43rd St. Connects the existing sidewalks on Ustick Rd and Chinden Blvd	High
S11	Sidewalks	44th St, Stockton St/Adams St	Complete sidewalk gaps on the east side of 44th St from Stockton St to Adams St. Garden City Project.	Low
S12	Sidewalks	45th St, Chinden Blvd/Greenbelt	Complete sidewalk gaps on the west side of 45th St from Chinden Blvd to the Boise Greenbelt.	Low
S13	Sidewalks	46th St, Chinden Blvd/Adams St	Complete sidewalk gaps on the east side of 46th St from Chinden Blvd to the Adams St.	Low



Project ID	Project Type	Project Name	Description	Priority
S14	Sidewalks	46th St, Adams St/GreenBelt	Complete sidewalk gaps on the west side of 46th St from Adams St to the Boise Greenbelt.	Low
S15	Sidewalks	48th St, Canal/Adams St	Sidewalk on the south side of 48th St from the canal to Adams St.	Low
S16	Sidewalks	48th St, Chinden Blvd/Creation St	Sidewalk on the west side of 48th St from Chinden Blvd to where 48th St changes to Creation St north of Fenton St.	Low
S17	Sidewalks	52nd St, Remington St/Cody Ln	Sidewalk on east side of 52nd St from Remington St to Cody Ln.	Low
S18	Sidewalks	Apache Way, Strawberry Glenn Rd/West	Sidewalks on both sides of Apache Way from Strawberry Glenn Rd to the end of Apache Way west near W Arapaho Ct.	Low
S19	Sidewalks	Arney St, Osprey Meadows Dr/State St.	Sidewalk on east side of Arney St from Osprey Meadows Dr to State St.	Low
S20	Sidewalks	Brown St, Orchard St/30th St	Sidewalks on the south side of Brown St from Orchard St to 30th St.	Low
S21	Sidewalks	Carr St, 36th St/33rd St	Sidewalks on the north side of Carr St from 36th St to 33rd St.	Low
S22	Sidewalks	Chinden Blvd, Glenwood St/Kent Ln	Sidewalk on the north side of Chinden Blvd from Glenwood St to the Kent Ln. Project is adjacent to an Idaho Transportation Department roadway and is on Ada County property.	Medium
S23	Sidewalks	Clay St, 37th St/32nd St	Sidewalks on the north side of Clay St from 37th St to 32nd St.	Low
S24	Sidewalks	Creation St, 48th St/Adams St	Sidewalk on the west side of Creation St from where 48th St changes to Creation St to Adams St.	Low
S25	Sidewalks	Fenton St, Bradley St/46th St	Sidewalk on the north side of Fenton St from Bradley St to 46th St.	Low
S26	Sidewalks	Field St, Adams St/Creation St	Sidewalk on the south side of Field St from Adams St to Creation St.	Low
S27	Sidewalks	Glenwood St, Boise River/Riverside Dr	Sidewalks on the west side of Glenwood St from the bridge over the Boise River to Riverside Dr. Idaho Transportation Department jurisdiction.	High
S28	Sidewalks	Reed St, 40th St/Adams St	Sidewalk on the south side of Reed St from 40th St to Adams St.	Low
S29	Sidewalks	Remington St, 52nd St/Greenbelt	Sidewalk on west side of Remington St from 52nd St to the Boise Greenbelt.	Low
S30	Sidewalks	Veterans Memorial Parkway, Chinden Blvd/Boise River	Sidewalks on the west side of Veterans Memorial Parkway from Chinden Blvd to the VMP Bridge over the Boise River. This project includes sidewalk across the bridge.	High
<b>Crossings</b>				
C1	PHB	33rd St and Chinden Blvd	Install Pedestrian Hybrid Beacon on Chinden Blvd at 33rd St. Idaho Transportation Department jurisdiction.	High
C2	PHB/Toucan Crossing	43rd St and Chinden Blvd	Install Pedestrian Hybrid Beacon or Toucan Style crossing at the intersection of 43rd St across Chinden Blvd. Idaho Transportation Department Jurisdiction, ITIP Key No. 20549.	High

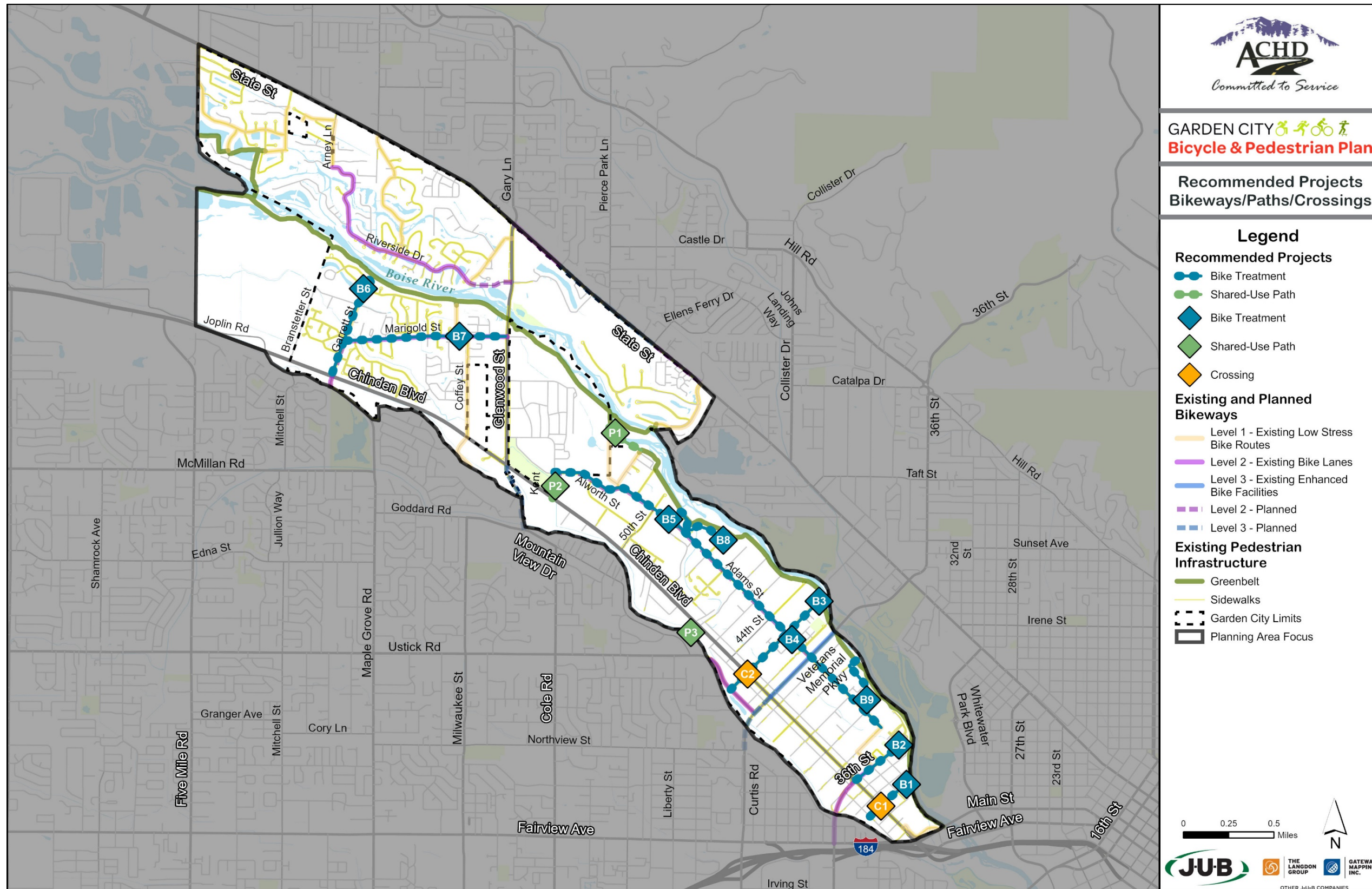


Figure 4-1. Recommended Projects - Bikeways, Pathways, Crossings



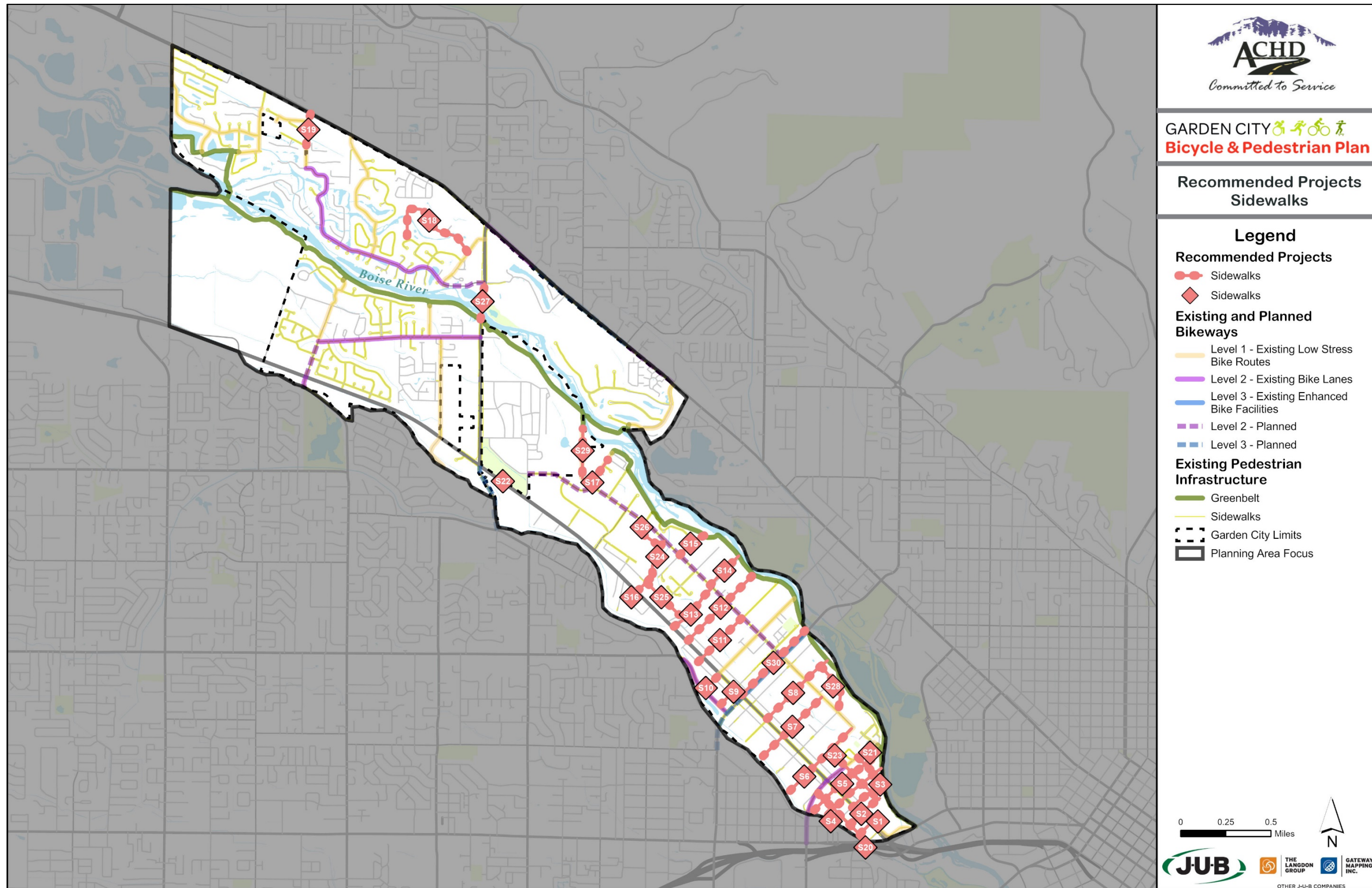


Figure 4-2. Recommended Projects – Sidewalks