

Southwest Boise Neighborhood Bicycle and Pedestrian Plan

October 2018



SOUTHWEST BOISE
NEIGHBORHOOD
**BICYCLE AND
PEDESTRIAN
PLAN**



Southwest Boise Neighborhood Bicycle and Pedestrian Plan

Boise, Idaho

Prepared For:
Ada County Highway District

Prepared By:
Kittelson & Associates, Inc.
101 S Capitol Blvd, Suite 301
Boise, Idaho 83702
(208) 338 - 2683

Project No. 22085.0

October 2018

Adopted by ACHD Commission:

Jim Hansen
Rebecca W. Arnold
Paul Woods
Kent Goldthorpe
Sara Baker

TABLE OF CONTENTS

Table of Contents ii

Acknowledgements..... iii

Introduction 1

 Planning Area 3

 How ACHD and the City Use This Plan..... 4

 How Citizens Can Use This Plan 4

Recommended Projects 5

LIST OF FIGURES

Figure 1 Study Area 2

Figure 2 Project Process..... 3

Figure 3 Potential Pedestrian and Crossing Projects 9

Figure 4 Potential Bicycle Projects..... 10

LIST OF TABLES

Table 1 Recommended Projects 5

ACKNOWLEDGEMENTS

Ada County Highway District

Brooke Green, MBA, PCED –ACHD Project Manager

Christy Foltz-Ahlrichs

Tim Curns, PE

Kayla Kinhead

City of Boise

Karen Gallagher

Zach Piepmeyer, PE

Ada County

Mitra Mehta-Cooper

Boise School District

Lanette Daw

West Ada School District

Miranda Carson

Kittelson & Associates, Inc.

Nick Foster, AICP – Consultant Project Manager

Andy Daleiden, PE

Mark Heisinger

INTRODUCTION

The Southwest Boise Neighborhood Bicycle and Pedestrian Plan guides the future enhancement of bicycling and walking within the Southwest Boise study area, as defined by the Ada County Highway District (ACHD) and shown in Figure 1. Specifically, the plan focuses on making bicycling and walking comfortable, efficient, and convenient forms of transportation for residents of, and visitors to, this area. To achieve this goal, the plan's recommendations are focused on meeting the following objectives:

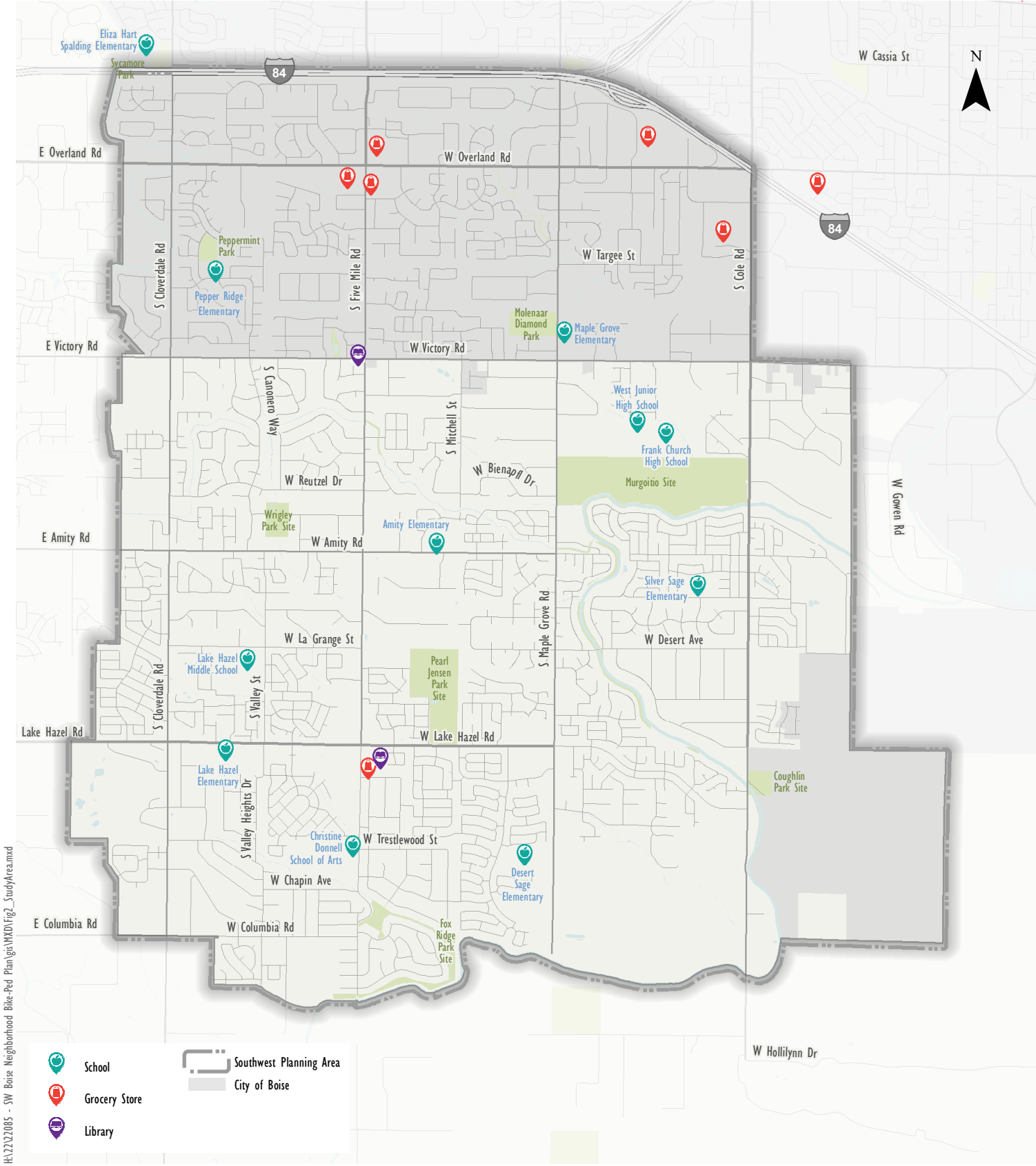


Schools Are a Popular Attractor in Southwest Boise

- People can conveniently walk or bike to their destinations in the neighborhood area and connect to routes across the study area's borders
- People of all age groups and abilities feel comfortable walking and bicycling
- Improved mobility for people with physical limitations
- Increased attractiveness to visitors to bike or walk between destinations in the neighborhood

This plan was developed with extensive input from neighborhood residents and stakeholders. Figure 2 illustrates the project process, including agency review, public involvement, and elected officials meetings. The plan includes specific implementable recommendations for new walking and bicycling infrastructure.

More detailed information on how this plan was developed can be found in the *Technical Appendix*.



H:\22\22085 - SW Boise Neighborhood Bike-Ped Plan\figs\WXD\Fig2_StudyArea.mxd



Figure 1

Project Study Area



Figure 2 Project Process

PLANNING AREA

This plan focuses on the study area boundary shown in Figure 1. The study area consists of two different neighborhood associations as defined by the City of Boise: Southwest Ada County Alliance and South Cole.

The planning area covers approximately 18 square miles. There are 10 public and private schools and over 26 acres of parks in the study area. Commercial attractors, including grocery stores, shops, and bars/restaurants, tend to be grouped in the northern portion of the study area between Victory Rd and I-84 or near the intersection of Lake Hazel Road and Five Mile Road. Southwest Boise neighborhoods are relatively flat with some rolling hills in the southern portion of the study area. The area is transitioning from rural to suburban and urban development. As such, the density of the street network varies across the study area. Generally, there is a built-out grid network of section-line streets intersecting every mile, with different densities of collector and local streets within these one square-mile grids.

HOW CITIZENS CAN USE THIS PLAN

Southwest Boise residents, this is *your* plan for how ACHD, the City of Boise, Ada County, the West Ada School District, and the Boise School District will improve walking and bicycling in *your* neighborhood. It summarizes what projects are planned for the area and their relative priority. If you see issues related to walking or bicycling in your neighborhood, please check this plan to see if there is a project planned for the area. Don't see a plan that addresses your issue? Have comments or questions about the projects in this plan? Please contact ACHD to learn more or to discuss how the plan might be updated to reflect changing conditions.



HOW ACHD AND THE CITY USE THIS PLAN

This plan serves as a blueprint for ACHD and the City to work together to improve walking and bicycling in Southwest Boise. As funding becomes available, projects from this plan will be built according to their priority order in this plan; though exceptions may be made where specific opportunities arise to implement a lower priority project (e.g., as part of a separate roadway project already planned for the street) or where changed circumstances result in a different priority level for a project.



RECOMMENDED PROJECTS

The recommended projects are shown in Figure 3 and Figure 4 for pedestrian/crossing projects and bicycle projects, respectively. Table 1 lists the projects by type.

Table 1 Recommended Projects

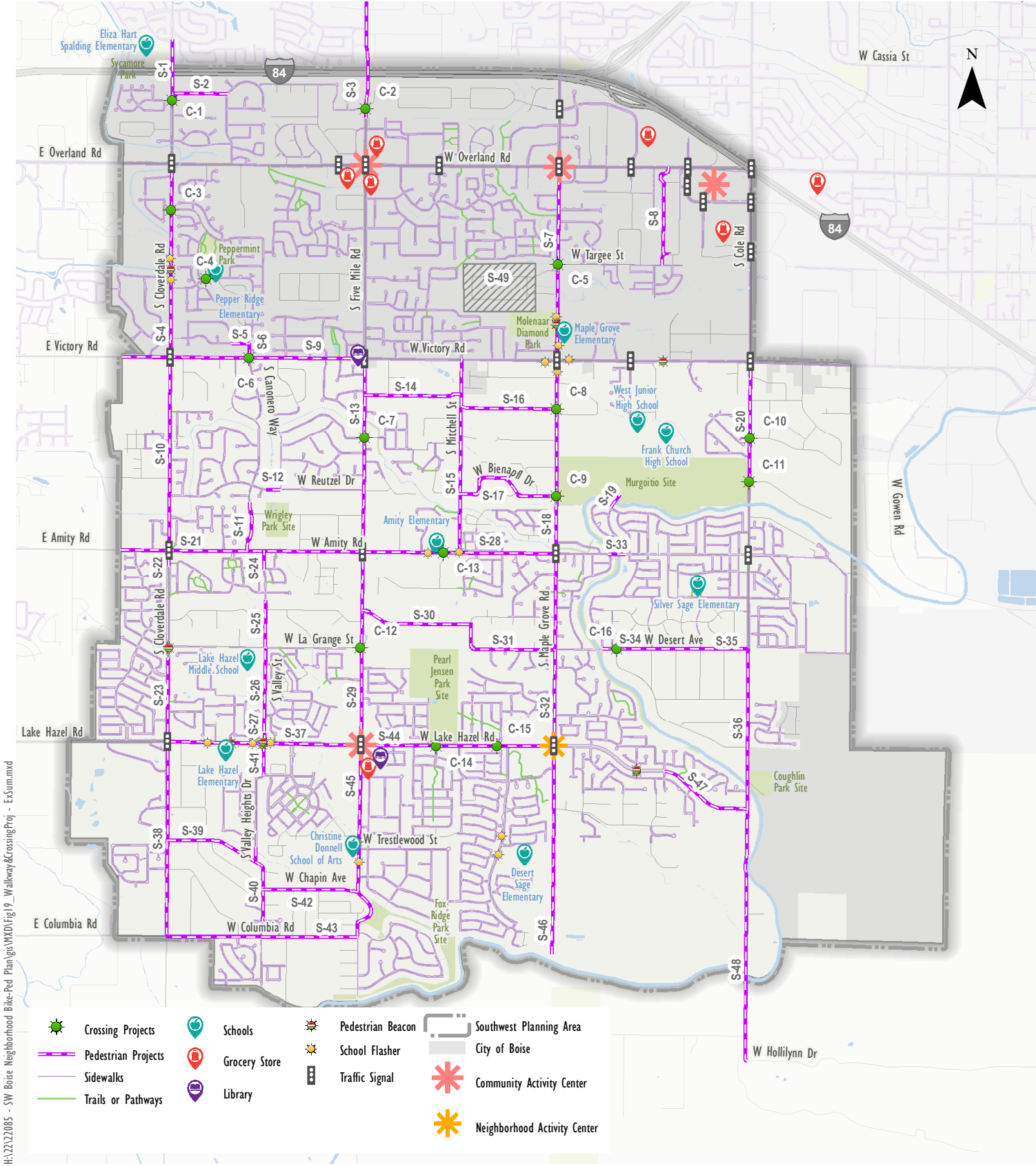
Project ID	Project Location	Treatment Type
Pedestrian Projects		
S-1	CLOVERDALE RD, CAMAS ST / BRADDOCK DR	Add sidewalk on both sides. Requires overpass expansion by ITD.
S-2	W CAMAS ST, CLOVERDALE RD / LIZASO AVE	Add sidewalk on both sides
S-3	FIVE MILE RD, W BUSINESS PARK LN / CRUSER DR	Add sidewalk on both sides. Requires overpass expansion by ITD.
S-4	CLOVERDALE RD, VICTORY RD / OVERLAND RD	Add multi-use pathways
S-5	PECONIC DR, TIOGA ST / CANONERO WAY	Add sidewalk on south side
S-6	CANONERO WAY, VICTORY RD / PECONIC DR	Add sidewalk on west side
S-7	MAPLE GROVE RD, VICTORY RD / OVERLAND RD	Fill in gaps in existing sidewalk network
S-8	PENNINGER DR, TARGEE ST / OVERLAND RD	Add sidewalk on both sides
S-9	VICTORY RD, 1300' W OF CLOVERDALE RD / FIVE MILE RD	Fill in gaps in existing sidewalk network
S-10	CLOVERDALE RD, AMITY RD / VICTORY RD	Add multi-use pathways
S-11	RIVA RIDGE WAY, AMITY RD / 450' S OF REUTZEL DR	Add sidewalk on both sides
S-12	REUTZEL DR, 450' E OF RIVA RIDGE WAY / SUMMERSSET WAY	Add sidewalk on north side
S-13	FIVE MILE RD, AMITY RD / VICTORY RD	Fill in gaps in existing sidewalk network
S-14	ROAN MEADOWS DR, FIVE MILE RD / MITCHELL ST	Add sidewalk on both sides
S-15	MITCHELL ST, AMITY RD / VICTORY RD	Add sidewalk on both sides
S-16	WRIGHT RD, MITCHELL ST / MAPLE GROVE RD	Add sidewalk on both sides
S-17	BIENAPFL DR, MITCHELL DR / MAPLE GROVE RD	Add sidewalk on north side
S-18	MAPLE GROVE RD, AMITY RD / VICTORY RD	Fill in gaps in existing sidewalk network
S-19	CANAL CROSSING, THUNDER MOUNTAIN DR / N OF CANAL	Add multi-use pathway (City/ACHD project - City to be lead on off-street improvements)
S-20	COLE RD, MCGLOCHLIN RD / VICTORY RD	Fill in gaps in existing sidewalk network
S-21	AMITY RD, 1300' W OF CLOVERDALE RD / FIVE MILE RD	Fill in gaps in existing sidewalk network
S-22	CLOVERDALE, 375' S OF AMITY RD / AMITY RD	Add multi-use pathways
S-23	CLOVERDALE RD, 270' N OF LAKE HAZEL RD / 350' S OF LA GRANGE ST	Add multi-use pathways
S-24	VALLEY ST, BLACKMOOR ST / AMITY RD	Add sidewalk on east side
S-25	VALLEY ST, LA GRANGE ST / 160' S OF SHARPTHORN CT	Add sidewalk on west side with on-street parking
S-26	VALLEY ST, LAKE HAZEL RD / LA GRANGE ST	Fill in gaps in existing sidewalk network (west side)
S-27	VALLEY ST, LAKE HAZEL RD / 250' N OF LAKE HAZEL RD	Add sidewalk on east side with project S-37
S-28	AMITY RD, FIVE MILE RD / MAPLE GROVE RD	Fill in gaps in existing sidewalk network
S-29	FIVE MILE RD, LAKE HAZEL RD / AMITY RD	Fill in gaps in existing sidewalk network
S-30	HIGHLANDER RD, FIVE MILE RD / 320' W OF DESERT AVE	Add sidewalk on both sides and multi-use path in ACHD unopened ROW
S-31	HIGHLANDER RD & DESERT AVE, 320' W OF DESERT AVE / MAPLE GROVE RD	Add sidewalk on both sides
S-32	MAPLE GROVE RD, LAKE HAZEL RD / AMITY RD	Fill in gaps in existing sidewalk network

S-33	CANAL CROSSING, AMITY RD / AMITY RD	Add multi-use pathway (City/ACHD project - City to be lead on off-street improvements)
S-34	DESERT AVE, CHOCTAW WAY / ROUND-UP ST	Add sidewalk on south side
S-35	DESERT AVE, ROUND-UP ST / COLE RD	Add sidewalk on south side
S-36	COLE RD, LAKE HAZEL RD / DESERT AVE	Fill in gaps in existing sidewalk network
S-37	LAKE HAZEL RD, CLOVERDALE RD / FIVE MILE RD	Add multi-use pathways
S-38	CLOVERDALE RD, COLUMBIA RD / LAKE HAZEL RD	Fill in gaps in existing sidewalk network
S-39	HIDDEN VALLEY RIM RD, CLOVERDALE RD / VALLEY HEIGHTS DR	Add sidewalk on both sides
S-40	COLUMBIA DR & VALLEY HEIGHTS DR, HANKS DR / 250' S OF SANTA BARBARA DR	Add sidewalk on both sides
S-41	VALLEY HEIGHTS DR, 200' S OF LAKE HAZEL RD / LAKE HAZEL RD	Add sidewalk on east side
S-42	CHAPIN AVE, VALLEY HEIGHTS DR / FIVE MILE RD	Add sidewalk on both sides
S-43	COLUMBIA RD, CLOVERDALE RD / FIVE MILE RD	Fill in gaps in existing sidewalk network
S-44	LAKE HAZEL RD, FIVE MILE RD / MAPLE GROVE RD	Add multi-use pathways
S-45	FIVE MILE RD, COLUMBIA RD / LAKE HAZEL RD	Fill in gaps in existing sidewalk network
S-46	MAPLE GROVE, SOUTHERN END / LAKE HAZEL RD	Fill in gaps in existing sidewalk network
S-47	LAKE HAZEL RD, MOON PLACE / COLE RD	Add multi-use pathways
S-48	COLE RD, HOLLILYNN DR / LAKE HAZEL RD	Add sidewalk on both sides
S-49	ACHD ROW W OF TARGEE ST, MULTI-USE TRAIL / MAPLE GROVE RD	Add multi-use pathway (see Figure 19 in the Technical Appendix)
Crossing Projects		
C-1	CLOVERDALE RD AND CAMAS ST	Level 3 crossing (Hybrid Beacon or Full Pedestrian Signal)
C-2	FIVE MILE RD AND SANDPIPER ST	Level 3 crossing (Hybrid Beacon or Full Pedestrian Signal)
C-3	CLOVERDALE RD AND PEPPERMINT DR	Level 3 crossing (Hybrid Beacon or Full Pedestrian Signal)
C-4	HOLLANDALE DR AND PEPPER RIDGE ELEMENTARY	Level 2 crossing (RRFB and pedestrian ramps)
C-5	MAPLE GROVE RD AND TARGEE ST	Level 2 crossing (RRFB and pedestrian ramps)
C-6	VICTORY RD AND CANONERO WAY	Level 3 crossing (Hybrid Beacon or Full Pedestrian Signal)
C-7	FIVE MILE RD AND SENECA DR	Level 2 crossing (Flashing Beacon)
C-8	MAPLE GROVE RD AND WRIGHT ST	Level 2/3 crossing (Flashing/Hybrid Beacon or Full Pedestrian Signal)
C-9	MAPLE GROVE RD AND BIENAPFL DR	Level 2/3 crossing (Flashing/Hybrid Beacon or Full Pedestrian Signal)
C-10	COLE RD AND DIAMOND ST	Pedestrian hybrid beacon
C-11	COLE RD AND MCGLOCHLIN ST	Level 3 crossing (Hybrid Beacon or Full Pedestrian Signal)
C-12	FIVE MILE RD AND LA GRANGE ST	Pedestrian hybrid beacon and pathway connections west and south
C-13	AMITY RD AND LIPPIZAN AVE	Level 2 crossing (Flashing Beacon)
C-14	LAKE HAZEL ROAD AND MUIRWOOD AVE	Level 2/3 crossing (Flashing/Hybrid Beacon or Full Pedestrian Signal)
C-15	LAKE HAZEL RD AND S SEA BREEZE WAY	Level 2/3 crossing (Flashing/Hybrid Beacon or Full Pedestrian Signal)
C-16	DESERT AVE AND LATIGO DR	Level 1 crossing (Marked Crossing)
Bicycle Projects		
B-1	CLOVERDALE RD, OVERLAND RD / BRADDOCK DR	Raised bike lanes. Requires overpass expansion by ITD.
B-2	CAMAS - VINNELL BIKEWAY, CLOVERALE RD / TARGEE ST	Low-Stress Bikeway (Level 1 Facility)

B-3	CANONERO - SUMPTER - LIZASO BIKEWAY, AMITY RD / CAMAS ST	Low-Stress Bikeway (Level 1 Facility). Bikeway name to be determined with concept design.
B-4	FIVE MILE RD, OVERLAND RD / I-84	Level 3 Facility. Requires overpass expansion by ITD.
B-5	OVERLAND RD, CLOVERDALE RD / FIVE MILE RD	Level 3 Facility
B-6	CLOVERDALE RD, VICTORY RD / OVERLAND RD	Multi-use pathways
B-7	HOLLANDALE DR - TARGEE BIKEWAY, CLOVERDALE RD / ENTERTAINMENT AVE	Low-Stress Bikeway (Level 1 Facility)
B-8	OVERLAND RD, FIVE MILE RD / MAPLE GROVE RD	Level 3 Facility
B-9	OVERLAND RD, MAPLE GROVE RD / COLE RD	Level 3 Facility
B-10	MAPLE GROVE, VICTORY RD / OVERLAND RD	Bike lanes
B-11	ENTERTAINMENT AVE & SPECTRUM ST, OVERLAND RD / COLE RD	Level 2/3 Facility
B-12	NEW ROADWAY AND LEMHI ST, EASTERN END OF TARGEE ST / COLE RD	Level TBD
B-13	SATURN WAY AND NEW ROADWAY, VICTORY RD / LEMHI ST	Level TBD
B-14	VICTORY RD, CLOVERDALE RD / FIVE MILE RD	Level 3 Facility
B-15	CLOVERDALE RD, AMITY RD / VICTORY RD	Multi-use pathways
B-16	REUTZEL - SENECA - BIENAPFL BIKEWAY, CLOVERDALE DR / MAPLE GROVE RD	Low-Stress Bikeway (Level 1 Facility). Bikeway name to be determined with concept design.
B-17	FIVE MILE RD, AMITY RD / VICTORY RD	Level 3 Facility
B-18	VICTORY RD, FIVE MILE RD / MAPLE GROVE RD	Level 3 Facility
B-19	MITCHELL - CAROLINA - GOLDKING BIKEWAY, AMITY RD / OVERLAND RD	Low-Stress Bikeway (Level 1 Facility). Bikeway name to be determined with concept design. City/ACHD project. Requires use of multi-use path not in ACHD ROW.
B-20	VICTORY RD, MAPLE GROVE RD / COLE RD	Level 3 Facility
B-21	MAPLE GROVE RD, AMITY RD / VICTORY RD	Level 3 Facility
B-22	(ROADWAY NOT CONSTRUCTED), MAPLE GROVE / COLE RD	Level TBD
B-23	LATIGO DR BIKEWAY, COLE RD/N OF CANAL	Bikeway (Level 1 Facility) after bridge crossing built by City
B-24	(ROADWAY NOT CONSTRUCTED), FUTURE ROADWAY / MILWAUKEE WAY	Level TBD
B-25	COLE RD, MCGLOCHLIN RD / VICTORY RD	Bike Lanes
B-26	VICTORY RD, COLE RD / RAYMOND ST	Level 3 Facility
B-27	AMITY RD, CLOVERDALE RD / FIVE MILE RD	Level 2 Facility
B-28	CLOVERDALE RD, LAKE HAZEL RD / AMITY RD	Multi-use pathways
B-29	LA GRANGE - DESERT BIKEWAY, CLOVERDALE RD / MAPLE GROVE RD	Low-Stress Bikeway (Level 1 Facility)
B-30	AMITY RD, RIVA RIDGE WAY / VALLEY ST	Level 3 bikeway connection for project B-3
B-31	VALLEY HEIGHTS - VALLEY BIKEWAY, COLUMBIA RD / AMITY RD	Low-Stress Bikeway (Level 1 Facility)
B-32	FIVE MILE RD, LAKE HAZEL RD / AMITY RD	Level 3 Facility
B-33	AMITY RD, FIVE MILE RD / MAPLE GROVE RD	Level 3 Facility
B-34	AMITY RD, MAPLE GROVE RD / RAWHIDE AVE	Level 2 Facility after bridge crossing built by City
B-35	MAPLE GROVE RD, LAKE HAZEL RD / AMITY RD	Level 3 Facility
B-36	COLE RD, LAKE HAZEL RD / DESERT AVE	Level 2 Facility
B-37	LAKE HAZEL RD, CLOVERDALE RD / MAPLE GROVE RD	Multi-use pathways
B-38	CLOVERDALE RD, COLUMBIA RD / LAKE HAZEL RD	Level 3 Facility
B-39	HIDDEN VALLEY RIM - BIGWOOD BIKEWAY, CLOVERDALE RD/ SEA BREEZE WAY	Low-Stress Bikeway (Level 1 Facility)
B-40	FIVE MILE RD, COLUMBIA RD / LAKE HAZEL RD	Level 3 Facility
B-41	LAKE HAZEL RD, FIVE MILE RD / MAPLE GROVE RD	Multi-use pathways
B-42	SEA BREEZE WAY, MAPLE GROVE RD / HOMEWOOD DR	Level 2 Facility



B-43	LAKE HAZEL RD, MAPLE GROVE RD / COLE RD	Multi-use pathways
B-44	MAPLE GROVE RD, SOUTHERN END / LAKE HAZEL RD	Level 3 Facility
B-45	COLUMBIA RD, CLOVERDALE RD / FIVE MILE RD	Level 2 Facility
B-46	ACHD ROW W OF TARGEE ST, MULTI-USE TRAIL / MAPLE GROVE RD	Add multi-use pathway (see Figure 19 in the Technical Appendix)

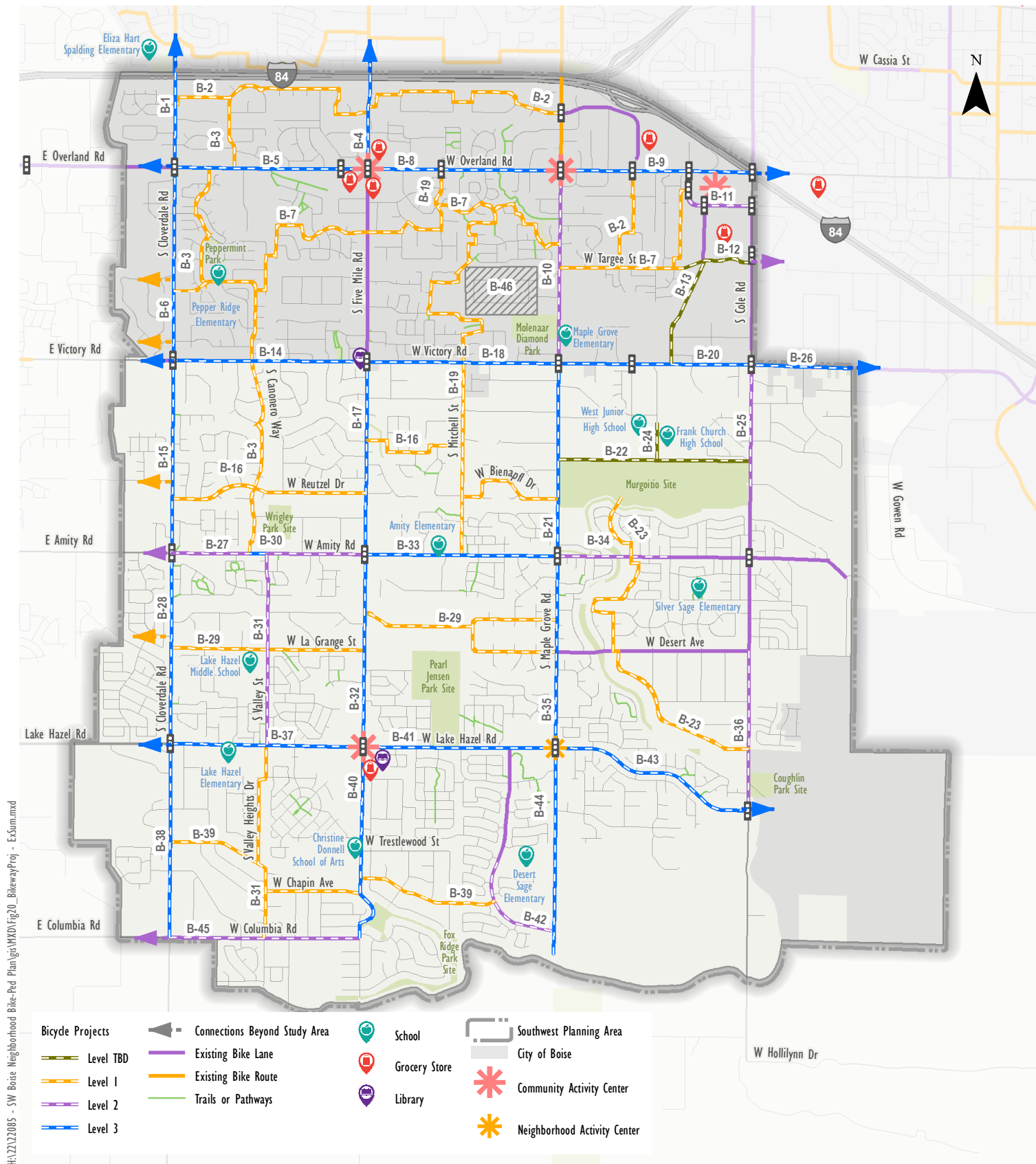


H:\12\12\2085 - SW Boise Neighborhood Bike-Ped Plan\GIS\WXD\Fig 19_Walkway&CrossingProj - ExSum.mxd

Figure 3

Potential Pedestrian and Crossing Projects





H:\12\122085 - SW Boise Neighborhood Bike-Ped Plan\GIS\Map\Fig20_BikeWayProj - ExSum.mxd

Figure 4



Potential Bicycle Projects