



INTEGRATED

Five-Year Work Plan 2018-2022

INTEGRATED FIVE-YEAR WORK PLAN

FISCAL YEAR 2018 - 2022

ADOPTED SEPTEMBER 27, 2017

TABLE OF CONTENTS

Project Index (Alphabetical Order)	iii
Introduction	1
ACHD Vision, Mission, and Priorities and Strategic Plan	2
Plan Outline	3
Implementating the Strategic Plan	4
ACHD's Primary Focus Areas – Address Maintenance and Safety Needs	4
Safe Routes to Schools	5
Neighborhood Pedestrian and Bicycle Plans	6
ACHD's Secondary Focus Areas – Enhancing the System for Congestion Relief	7
Level of Service	7
2016 Capital Improvement Plan	8
Funding the Strategic Plan	10
Shelf Project Strategy	10
External Funding Plan	11
Primary Focus Projects	11
Secondary Focus Projects	14
Projects	16
Roadway Program	16

Bridge Program	Intersection Program	28
Traffic Program	-	
Capital Maintenance Program	Bridge Program	38
Capital Maintenance Program	Traffic Program	54
Cooperative Program		
Community Program93	Capital Maintenance Program	62
	Cooperative Program	85
	Community Dragger	02
Stormwater Program	Confindintly Program	93
	Stormwater Program	125

For an interactive map of projects within the IFYWP, please click $\underline{\text{here}}.$

PROJECT INDEX (ALPHABETICAL ORDER)

05 th St and 06 th St, Myrtle St / Fort St, Maintenance and Two-way Conversion – HB312 Project	62
05 th St and Fort St and Hays St	120
09 th St and Washington St Pedestrian Crossing	93
14 th St and Fort St Pedestrian Crossing	93
28 th St, Hazel St / Irene St	94
34 th St Bridge #1319, at Forsythia Dr	38
38 th St Bridge #1440, 0.2 miles N/O Chinden Blvd	38
38 th St, Bush Ave / Sunset Ave	94
39 th St Bridge #1439, 0.2 miles N/O Chinden Blvd	39
41 st St Bridge #1437, 600' N/O Chinden Blvd	39
43 rd St Bridge #1434, 500' N/O Chinden Blvd	39
44 th St Bridge #1433, 0.1 miles N/O Chinden Blvd	40
45 th St Bridge #1432, 500' N/O Chinden Blvd	40
46 th St Bridge #1452, 100' N/O Chinden Blvd	40
Active Traffic Management Implementation (2018)	54
Active Traffic Management Implementation (2019)	54
Aikens St, Eagle Rd / 2 nd St	120
Alpine St, Orchard St / Randall St	94
Amity Rd and Cloverdale Rd Roundabout	28
Amity Rd and Maple Grove Rd Roundabout	28
Annett St, Malad St / Targee St	95
Arterial & Collector Capital Maintenance (2017) – HB312 Project	62
Arterial & Collector Capital Maintenance (2018) – HB312 Project	62
Arterial & Collector Capital Maintenance (2020) – HB312 Project	63
Arterial & Collector Capital Maintenance (2021) – HB312 Project	63
Arterial & Collector Capital Maintenance (2022) – HB312 Project	63
Arterial & Collector Capital Maintenance (2023) – HB312 Project	64
Arterial & Collector Capital Maintenance (2024) – HB312 Project	64
Arterial Dynamic Message Sign Installation (2021)	55
Ash Park Ln, Northview St / Ustick Rd	95

Avenue C, Main St / 04 th St	95
Avenue D, Main St / 04 th St	96
Barber Dr Bridge #1335, 1.0 miles NW/O Warm Springs Blvd	41
Black Cat Rd and UPRR Crossing Improvements	60
Black Cat Rd Bridge #1177, 1/3 mile S/O Amity Rd	41
Black Cat Rd Bridge #1178, 1/3 mile S/O Amity Rd	41
Bluetooth Congestion Management System Installation, Phase 2	55
Bogart Ln, SH 44 (State St) / Hill Road Pkwy	96
Bogus Basin Rd Safety, Maintenance, and Trail Head	64
Bogus Basin Rd, Curling Dr / 550' N/O Curling Dr	96
Boise Ave and Linden St Pedestrian Crossing	97
Boise Towne Square Mall Active Traffic Management	55
Breneman St Bridge #1418, 150' E/O 26 th St	42
Bridge Preventative Maintenance (2018)	42
Bridge Preventative Maintenance (2019)	42
Bridge Preventative Maintenance (2020)	43
Bridge Preventative Maintenance (2021)	43
Bridge Preventative Maintenance (2022)	43
Bridge Preventative Maintenance (2023)	44
Bridge Preventative Maintenance (2024)	44
Broadway Ave Traffic Signal Improvements	56
Broadway Ave and Boise Ave	97
Broadway Ave/Avenue B and Idaho St/Warm Springs Ave	120
Camas St, Orchard St / Roosevelt St	97
Capitol Blvd and Island Ave Pedestrian Crossing	98
Cassia St, Franklin Park Dr / Troxel Dr	98
Cassia St, Latah St / Edson St	98
CCTV Camera Upgrade	56
Cherry Ln and Meridian Library Pedestrian Crossing	99
Cherry Ln, Owyhee St / Vista Ave	99
Christine St, Northview St / Ustick Rd	99

Clark St, Orchard St / Roosevelt St	100
Clay St, 34 th St / 32 nd St; 32 nd St, Chinden Blvd / Clay St	100
Cloverdale Rd Bridge #2104 and #2105, N/O Muir Ridge Dr	44
Cloverdale Rd, Fairview Ave / Ustick Rd	16
Cloverdale Rd, McMillan Rd / Chinden Blvd	16
Cloverdale Rd, Ustick Rd / McMillan Rd	17
Cole Rd and Franklin Rd	29
Cole Rd and Lake Hazel Rd	29
Cole Rd and Victory Rd	29
Cole Rd, Kettering Ave / Mountain View Dr	100
Cole Rd/Overland Rd Traffic Signal Improvements	56
Columbus St Bikeway, Canal St / Kootenai St	118
Columbus St, Overland Rd / Kootenai St	101
Conover St Bridge #1449, 0.17 miles N/O State St	45
Corridor Preservation – Impact Fee Eligible (2018)	85
Corridor Preservation – Impact Fee Eligible (2019)	85
Corridor Preservation – Impact Fee Eligible (2020)	86
Corridor Preservation – Impact Fee Eligible (2021)	86
Corridor Preservation – Impact Fee Eligible (2022)	86
Corridor Preservation – Impact Fee Eligible (PD)	87
Corridor Preservation – Non-Impact Fee Eligible (2018)	87
Corridor Preservation – Non-Impact Fee Eligible (2019)	87
Corridor Preservation – Non-Impact Fee Eligible (2020)	88
Corridor Preservation – Non-Impact Fee Eligible (2021)	88
Corridor Preservation – Non-Impact Fee Eligible (2022)	88
Corridor Preservation – Non-Impact Fee Eligible (PD)	89
Cory Ln, Mitchell St / Maple Grove Rd	101
Cul-de-Sac (2018)	65
Cul-de-Sac (2019A)	65
Cul-de-Sac (2019B)	65
Cul-de-Sac (2020)	66

Cul-de-Sac (2021)	66
Cul-de-Sac (2022)	66
Cul-de-Sac (2023)	67
Cul-de-Sac (2024)	67
Deer Flat Rd and School Ave Pedestrian Crossing	101
Developers Cooperative Projects (2018)	89
Developers Cooperative Projects (2019)	89
Developers Cooperative Projects (2020)	90
Developers Cooperative Projects (2021)	90
Developers Cooperative Projects (2022)	90
Developers Cooperative Projects (PD)	91
Downtown Boise Implementation (2018) – HB312 Project	67
Downtown Boise Implementation (2019) – HB312 Project	68
Downtown Boise Implementation (2020) – HB312 Project	68
Eagle Rd and State St	30
Eagle Rd Bridge #1029, ¼ mile N/O Floating Feather Rd	45
Eagle Rd Bridge #1216, ½ mile N/O Amity Rd	45
Eagle Rd, Amity Rd / Victory Rd	17
Eagle Rd, Lake Hazel Rd / Amity Rd	17
East 03 rd St Extension, Franklin Rd / Carlton St (Phase 1)	121
Eckert Rd and Arrow Junction Dr Pedestrian Crossing	102
Eckert Rd Bridge #2147 and #2148, Boise River / Ridenbaugh Canal	46
Emerald St and Americana Blvd, Orchard St / Ann Morrison Park Entrance	121
Fairview Ave and Cole Rd	30
Fairview Ave and Locust Grove Rd	30
Fairview Ave Bridge #2196 and #2197, Boise River	46
Federal Aid Capital Maintenance (2017)	68
Federal Aid Capital Maintenance (2019) – Local	69
Federal Aid Capital Maintenance (2019) – Phase 1	69
Federal Aid Capital Maintenance (2019) – Phase 2	69
Federal Aid Canital Maintenance (2020) – Local	70

Federal Aid Capital Maintenance (2020) – Phase 1	70
Federal Aid Capital Maintenance (2020) – Phase 2	70
Federal Aid Capital Maintenance (2021) – Local	71
Federal Aid Capital Maintenance (2021) – Phase 1	71
Federal Aid Capital Maintenance (2021) – Phase 2	71
Federal Aid Capital Maintenance (2022) – Local	72
Federal Aid Capital Maintenance (2022) – Phase 1	72
Federal Aid Capital Maintenance (2022) – Phase 2	72
Federal Aid Capital Maintenance (2023) – Local	73
Federal Aid Capital Maintenance (2023) – Phase 1	73
Federal Aid Capital Maintenance (2023) – Phase 2	73
Federal Aid Capital Maintenance (2024) – Local	74
Federal Aid Capital Maintenance (2024) – Phase 1	74
Federal Aid Capital Maintenance (2024) – Phase 2	74
Fiber Optic Cable Network Update (2020)	57
Fiber Optic Cable Network Update (2021)	57
Floating Feather Rd Bridge #1513, 0.1 miles E/O Palmer Ln	46
Floating Feather Rd, Brandon Rd / Hornback Ave	102
Floating Feather Rd, Munger Rd / Star Rd	102
Franklin Rd, Black Cat Rd / Ten Mile Rd	18
Franklin St, McKinley St / Pierce St	103
Garden St, Franklin Rd / Bethel St	103
Gowen Rd Bridge #2110, W/O I-84 (Phase 1)	47
Gowen Rd Bridge #2173, 1.35 miles S/O Victory Rd	47
Green Stormwater Implementation (2018)	125
Green Stormwater Implementation (2019)	125
Green Stormwater Implementation (2020)	126
Green Stormwater Implementation (2021)	126
Green Stormwater Implementation (2022)	126
Green Stormwater Implementation (2023)	127
Green Stormwater Implementation (2024)	127

Hanley Pl Bridge #1056, 700' N/O Chaparral Rd	47
Hays St at 11 th St and 12 th St Pedestrian Crossings	103
Heron St, 13 th St / 9 th St (north side)	104
Hidden Springs Elementary School Zone, 3 rd Ave / Shafer Way	104
Hill Rd and Collister Dr	31
Holcomb Rd, Mimosa Way / Amity Rd	104
Hollandale Dr and Pepper Ridge Elementary Pedestrian Crossing	105
Horseshoe Bend Rd and Floating Feather Rd	105
Horseshoe Bend Rd and Shadowview St Pedestrian Crossing	105
Horseshoe Bend Rd, State St / Hill Rd	106
Jefferson St, Whitewater Park Blvd / 27 th St	106
Kay St and Limestone St Pedestrian Crossing	106
Kootenai St, Vista Ave / Federal Way	107
Kuna Downtown Revitalization, Phase 1 – HB312 Project	75
Lake Hazel Rd and Cloverdale Rd	31
Lake Hazel Rd and Eagle Rd	31
Lake Hazel Rd and Five Mile Rd	32
Lake Hazel Rd and Maple Grove Rd	32
Lake Hazel Rd Reclaim, Five Mile Rd / Maple Grove Rd – HB312 Project	75
Lake Hazel Rd Reclaim, Maple Grove Rd / Cole Rd – HB312 Project	75
Lake Hazel Rd, Cloverdale Rd / Five Mile Rd	18
Lake Hazel Rd, Cole Rd / Orchard St Extension	18
Lake Hazel Rd, Eagle Rd / Cloverdale Rd	19
Lake Hazel Rd, Five Mile Rd / Maple Grove Rd	19
Lake Hazel Rd, Maple Grove Rd / Cole Rd (CIP Buildout)	19
Lake Hazel Rd, Pearl Jensen Ave / Acacia Ave	107
Latah St Bikeway, Targee St / Overland Rd	118
Leadville Ave Bikeway, Linden St / Greenbelt	119
Linda Vista Ln, Canterbury Dr / Ustick Rd	107
Linder Rd and Deer Flat Rd	32
Linder Rd and UPRR Crossing Improvements	60

Linder Rd Bridge #2033 and #1078, ¾ miles N/O Chinden Blvd	48
Linder Rd, Cayuse Creek Dr / Chinden Blvd (US 20/26)	20
Linder Rd, Chinden Blvd (US 20/26) / SH 44 (State St)	20
Linder Rd, Franklin Rd / Pine Ave	20
Linder Rd, Main St / Deer Flat Rd	108
Linder Rd, SH 44 (State St) / Floating Feather Rd	21
Linder Rd, Ustick Rd / McMillan Rd	21
Locust Grove Rd, Fairview Ave / Ustick Rd	21
Locust Grove Rd, Puffin St / Overland Rd	108
Locust Grove Rd, Victory Rd / Overland Rd	22
Main St and Idaho St, 16 th St / Broadway Ave – HB312 Project	76
Main St and King St Pedestrian Crossing	109
Maintenance Crack Seal (2018) – HB312 Project	76
Maintenance Crack Seal (2019) – HB312 Project	76
Maintenance Crack Seal (2020) – HB312 Project	77
Maintenance Crack Seal (2021) – HB312 Project	77
Maintenance Crack Seal (2022) – HB312 Project	77
Maintenance Crack Seal (2023) – HB312 Project	78
Maintenance Crack Seal (2024) – HB312 Project	78
Malad St, Annett St / Federal Way	109
Mallard Ave Bridge #1339, 650' W/O Parkcenter Blvd	48
Maple Grove Rd and Edna St Pedestrian Crossing	109
Maple Grove Rd, Amity Rd / Victory Rd	22
Maple Grove Rd, Lake Hazel Rd / Amity Rd	23
Maple Grove Rd, Victory Rd / Overland Rd	23
McMillan Rd and Leather Way Pedestrian Crossing	110
McMillan Rd Bridge #2060, 1650' W/O Star Rd	48
McMillan Rd, Westview Dr / Maple Grove Rd	110
Meridian Rd, Cherry Ln / Ustick Rd	23
Microseal (2017) – HB312 Project	78
Microseal (2018) – HB312 Project	79

Microseal (2019) – HB312 Project	79
Microseal (2020) – HB312 Project	79
Microseal (2021) – HB312 Project	80
Microseal (2022) – HB312 Project	80
Microseal (2023) – HB312 Project	80
Microseal (2024) – HB312 Project	81
Milwaukee St, Marcum St / Ustick Rd	110
Misc Capital Projects (2018)	123
Misc Capital Projects (2019)	123
Misc Capital Projects (2020)	123
Misc Capital Projects (2021)	124
Misc Capital Projects (2022)	124
Misc Capital Projects (PD)	124
Munger Rd Bridge #1005 and #2001, ½ mile S/O New Hope Rd	49
Munger Rd Bridge #1462, 550' S/O New Hope Rd	49
Orchard St and Franklin Rd Accessible Pedestrian Signal	111
Orchard St Extension, Lake Hazel Rd / Gowen Rd	24
Orchard St Interim Traffic Improvements	57
Orchard St, Gowen Rd / I-84 On-Ramp	24
Osage St Bridge #1451, 50' E/O 46 th St	49
Overland Rd and Cloverdale Rd	33
Overland Rd and Phillippi St Pedestrian Crossing	111
Overland Rd, Columbus St / Federal Way	111
Owyhee St Bikeway, Elder St / Alpine St	119
Palmer Ln Bridge #1009, N/O Floating Feather Rd	50
Parkinson St Bridge #1450, 0.1 miles N/O State St	50
Phillippi St Bridge #1366, 650' N/O Overland Rd	50
Phillippi St, Malad St / Targee St	112
Phillippi St, Targee St / Overland Rd	112
Pierce Park Ln Bridge #2029, at Hill Rd	51
Pierce St, Washington St / Shenandoah Dr	112

Pine Ave, Meridian Rd / Locust Grove Rd	121
Plaza Dr, 02 nd St / Iron Eagle Dr	122
Plummer Rd Bridge #2002 Pedestrian Facilities, 1700' N/O SH 44	113
Poplar St, Cole Rd / Raymond St	113
Residential Capital Maintenance (2017) – HB312 Project	81
Residential Capital Maintenance (2018) – HB312 Project	81
Residential Capital Maintenance (2019) – HB312 Project	82
Residential Capital Maintenance (2020) – HB312 Project	82
Residential Capital Maintenance (2021) – HB312 Project	82
Residential Capital Maintenance (2022) – HB312 Project	83
Residential Capital Maintenance (2023) – HB312 Project	83
Residential Capital Maintenance (2024) – HB312 Project	83
Roosevelt St, Rose Hill St / Emerald St	113
Safe Sidewalk Program (2018)	116
Safe Sidewalk Program (2019)	116
Safe Sidewalk Program (2020)	116
Safe Sidewalk Program (2021)	117
Safe Sidewalk Program (2022)	117
Safe Sidewalk Program (PD)	117
SH 16 and Beacon Light Rd	33
SH 69 (Meridian Rd) and Hubbard Rd	33
SH 69 (Meridian Rd) and Lake Hazel Rd	34
Shamrock Ave Bridge #1424, 0.1 miles N/O Fairview Ave	51
Shoshone St Bikeway, Canal St / Greenbelt	119
Smith Ave Bridge #1315, 250' E/O 26 th St	51
Spangler Rd Bridge #1054, 0.4 miles N/O Chaparral Rd	52
St. Luke's Master Plan Transportation Component Implementation (2021)	91
St. Luke's Master Plan Transportation Component Implementation (2022)	91
St. Luke's Master Plan Transportation Component Implementation (2023)	92
St. Luke's Master Plan Transportation Component Implementation (2024)	92
Star Rd Bridge #1093 0 25 miles S/O McMillan Rd	52

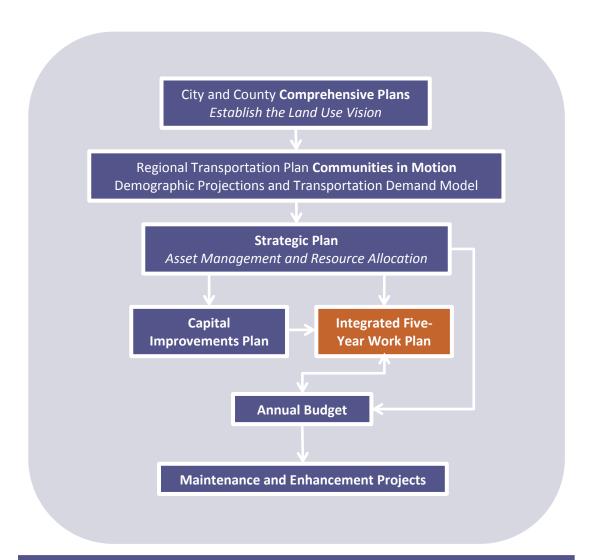
State St and Collister Dr	34
State St and Glenwood St	34
State St and Pierce Park Ln	35
State St and Veterans Memorial Pkwy	35
State St and Wylie Ln Pedestrian Crossing	114
State St Bridge #1408, 0.2 miles W/O Collister Dr	52
State St Bridge #1486, at 15 th St	53
State St Rehabilitation, 16 th St / 01 st St – HB312 Project	84
State St, 16 th St / 23 rd St Lighting Improvements	61
State St, 36 th St / 27 th St	24
State St, Collister Dr / 36 th St	25
State St, Glenwood St / Pierce Park Ln	25
State St, Pierce Park Ln / Collister Dr	25
Targee St, Owyhee St / Shoshone St	114
Ten Mile Rd and Amity Rd	35
Ten Mile Rd, McMillan Rd / Chinden Blvd (US 20/26)	26
Ten Mile Rd, Ustick Rd / McMillan Rd	26
Three Cities Intelligent Transportation System Improvement	58
Traffic Signals New and Upgraded (2018)	58
Traffic Signals New and Upgraded (2019)	58
Traffic Signals New and Upgraded (2020)	59
Traffic Signals New and Upgraded (2021)	59
Traffic Signals New and Upgraded (2022)	59
Traffic Signals New and Upgraded (PD)	60
US 20/26 (Chinden Blvd) and 43 rd St Pedestrian Crossing	114
US 20/26 (Chinden Blvd) and Curtis Rd	36
US 20/26 (Chinden Blvd) and Locust Grove Rd	36
US 20/26 (Chinden Blvd) and Meridian Rd	36
Ustick Rd and Meridian Rd	37
Ustick Rd, Linder Rd / Meridian Rd	26
Ustick Rd, Meridian Rd / Locust Grove Rd	27

Valley St, Lake Hazel Rd / La Grange St	115
Victory Rd and Five Mile Rd	37
Victory Rd and Locust Grove Rd Roundabout	37
Victory Rd Bridge #1275, ¼ mile E/O Locust Grove Rd	53
Vista Ave and Spaulding St Pedestrian Crossing	115
Walnut St Bridge #1501, 450' S/O Warm Springs Ave	53
Warm Springs Ave, Glacier Dr / Glacier Dr	115

INTRODUCTION

The 2018-2022 Integrated Five-Year Work Program (IFYWP) sets forth the strategies, projects and priorities which the Ada County Highway District (ACHD) will pursue over the next five years. The first two years of the Plan align with ACHD's 2018 Budget, adopted on August 23, 2017. The remaining years focus ACHD's efforts for future budget years. The document allows elected officials, staff, partner agencies, and the public to work in a coordinated fashion to implement projects.

The Integrated Five-Year Work Plan works in support of various ACHD and partner agency foundational planning documents and is the implementing arm for these plans. The figure below illustrates how the IFYWP fits into the region's overall planning framework.



ACHD's Foundational Planning Documents: Bike Master Plan, Pedestrian Bicycle Transition Plan, Transportation Land Use Integration Plan including the Master Street Map, Livable Streets Design Guide and Complete Streets Policy

ACHD VISION, MISSION, AND PRIORITIES AND STRATEGIC PLAN

ACHD established its vision, mission, and priorities in 2011, with the intent of ensuring that all ACHD activities are focused on the best interest of the citizens we serve. The bottom line is that every choice ACHD makes must help to effectively and efficiently accomplish ACHD's Vision, Mission and Priorities.

In June 2016, the ACHD Commission adopted a Strategic Plan to further refine and clarify the intent of its vision, mission, and priorities. The Plan included a resource allocation methodology that informs and guides development of the IFYWP. That methodology emphasizes maintenance and safety as ACHD's primary focus. In addition the Strategic Plan and Capital Improvements Plan (CIP) highlight the need to enhance the transportation system in response to the growth planned by ACHD's land-use partners. Through the Strategic Plan, the Commission identified system enhancement to address congestion as ACHD's secondary focus. The IFYWP was developed with these focus areas in mind.

ACHD's Vision, Mission, and Priorities

ACHD Vision: Leading transportation innovation – Investing in communities

ACHD Mission: We drive quality transportation for all Ada County – Anytime, Anywhere!

ACHD Priorities, which will serve as the criteria for judging every choice we make going forward:

- 1. Our People Our competitive edge in the work place is the source of our strength. As such we will:
 - Maximize training
 - Invest in our people
 - Reward innovation, commitment to the mission and excellence across the board
- 2. Effective and efficient execution, assuring:
 - Excellence in service and performance
 - Teamwork
 - Fiscal responsibility in expending taxpayer dollars
 - Responsiveness to regional and community needs
 - Customer service
 - The promotion of economic development with each community
 - The preservation of our multi-billion dollar infrastructure investment
 - Preparation for future growth
- 3. Leaders in technology, design, and innovation
- 4. Safety throughout the District for its employees and citizens

PLAN OUTLINE

The Fiscal Year 2018 – 2022 Integrated Five-Year Work Plan (IFYWP) continues ACHD's commitment to an "integrated" approach to planning and programming. As part of the Strategic Plan, the ACHD Commission identified the District's primary focus to be determining and funding maintenance and safety needs in the asset categories listed below. Each of these asset categories correlates to one or more programs within the IFYWP as noted.

- Pavement (Capital Maintenance Program)
- Bridges (Bridge Program)
- Sidewalks (Community Programs)
- Traffic Signals and Materials (Traffic Program)
- Stormwater Facilities (Stormwater Program)

The secondary focus as determined through the Strategic Plan is system enhancements. Funding within the IFYWP for these programs is found under the following programs:

- Roadway Program
- Intersection Program
- Cooperative Program

In determining the scope of each project listed within the IFYWP, ACHD seeks to implement its Complete Streets Policy and meet the needs of all users within the project limits in order to take the most advantage of work going on in an area.

The IFYWP is organized around ACHD's commitment to these primary and secondary focus areas. The introductory section of the IFYWP provides a status report on our efforts to implement the Strategic Plan. In this way, the IFYWP serves as a tool to demonstrate accountability to the public to do what ACHD has said it will do. The remaining portion of the Plan identifies the projects to be completed over the next 5-7 years.

IMPLEMENTATING THE STRATEGIC PLAN

ACHD'S PRIMARY FOCUS AREAS - ADDRESS MAINTENANCE AND SAFETY NEEDS



Pavement - ON TARGET

- •Performance Goal: Maintain ACHD's network pavement condion in the "very good" category. Very good represents a 70-100 pavement condition index (PCI) score.
- Current Condition
- •Arterials Very Good (84 PCI)
- •Collectors Very Good (83 PCI)
- •Locals Very Good (82 PCI)



Bridges - VERY NEAR TARGET

- •Performance Goal: Keep 100% of ACHD's bridges with a sufficiency rating of "Good/Better".
- Current Condition
- •Bridges over 20' 99.5% (217 out of 218)
- •Bridges 5' to 20' 99.3% (556 out of 560)



Sidewalks - MOVING TOWARDS TARGET

- •Performance Goal: Bring 100% of ACHD's sidewalks and pedestrian ramps into compliance with the Americans with Disabilities Act. Enhance bike and pedestrian safety.
- Current Condition
- •2005 Condition 90% compliant (2,800 miles of existing/missing sidewalk and 15,500 ramps.)
- •2017 Condition Update and inventory scheduled for FY2018.
- •IFYWP Safety Projects 38 Safe Routes to School projects, 22 pedestrian crossings, and 49 sidewalk projects. The Safe Sidewalk program includes addresses sidewalk maintenance needs.



Traffic Signals and Safety - ON TARGET

- Performance Goal: Maintain traffic signal in service rate at 99% or better. Address safety issues as they arise.
- Current Condition
- •99.9% In-Service Rate
- IFYWP Safety Projects -2 Signalization and 6 roundabout projects, 1 safety lighting project, and 2 railroad crossing projects.

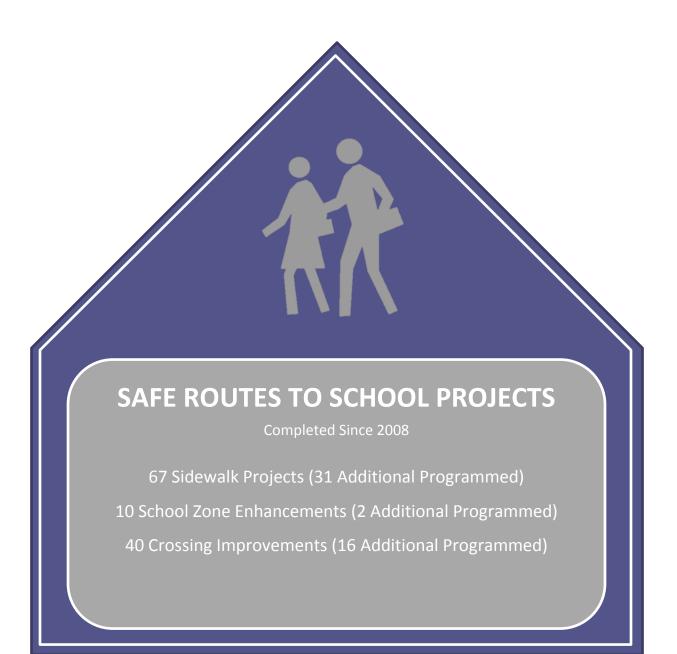


Stormwater Facilities - COMPLIANT

- Performance Goal: Full compliance with ACHD's National Pollutant Discharge Elimination System permit.
- •Current Condition
- •Asset management software implemented in FY2017 to improve asset inventory,
- •Implementation of the first year of Green Stormwater program to occur in FY2018.

SAFE ROUTES TO SCHOOLS

ACHD's efforts to provide safe routes to schools are focused on ensuring appropriate facilities exist to allow for children to access their educational opportunities using active transportation modes. In 2008, the citizens of Ada County approved an increase in vehicle registration fees with the commitment that half of that increase would be dedicated toward providing safe routes to schools. Since that time, ACHD has completed 117 projects targeted at meeting this goal.



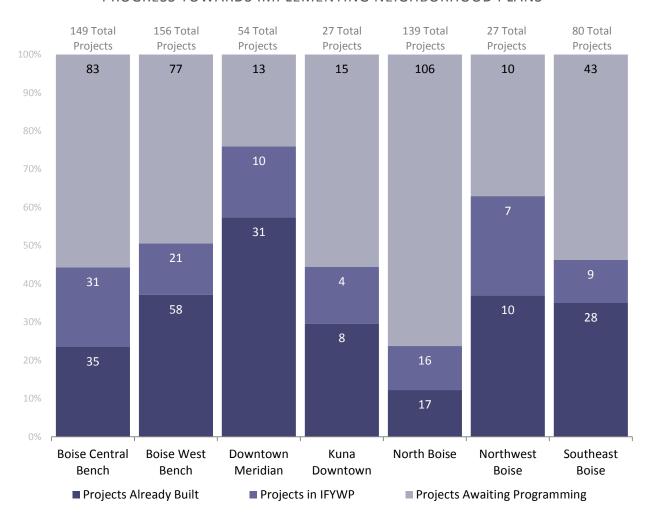
NEIGHBORHOOD PEDESTRIAN AND BICYCLE PLANS

Since 2012, ACHD has adopted 7 neighborhood pedestrian and bicycle plans. These plans, an outgrowth of ACHD's Pedestrian and Bicycle Transition Plan and Bicycle Master Plan, identify active transportation projects important to the neighbors who live there. While there is no time horizon on when the projects identified in these plans will be built, ACHD seeks to make constant and continual progress towards completion. As of the end of FY2017, 187 out of 632 projects identified in these plans will be built or under construction.

Additional neighborhoods are being planned each year. As plans are completed, projects from those neighborhoods will be added below. Current additional plans to be completed include:

- Boise East End Neighborhood Plan (Underway)
- Star Neighborhood Plan (2018)
- Eagle Neighborhood Plan (2019)

PROGRESS TOWARDS IMPLEMENTING NEIGHBORHOOD PLANS



ACHD'S SECONDARY FOCUS AREAS - ENHANCING THE SYSTEM FOR CONGESTION RELIEF

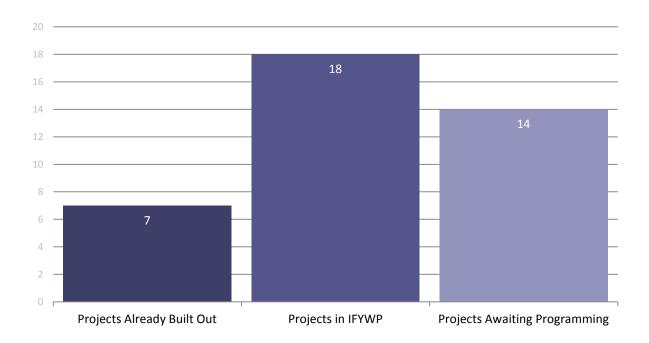
LEVEL OF SERVICE

ACHD employs a level of service (LOS) measure for streets and intersections to assist in measuring congestion and determining needed system enhancements. Roads and intersections are graded on a scale of A through F based on the utilization of available peak hour (the busiest hour of the day) roadway capacity. Per ACHD's adopted policies, roadways classified as arterials are deemed to no longer have an acceptable level of services when rated as an F.

ACHD recognizes it cannot build its way out of congestion. System enhancements in the form of roadway widening are intended to "buildout" a robust system and provide added capacity where deemed feasible. A roadway is deemed "built-out" once the number of lanes built matches the planned lanes in ACHD's Master Street Map. Once a roadway is "built-out", congestion may still increase as land uses further develop. In these circumstances, ACHD will seek to make other operational type improvements to maximize efficiency of the built network. These types of projects are found within the Traffic Program in the IFYWP.

The chart below gives a status of roadway segments and intersections currently deemed LOS F and how they correspond to projects planned within this IFYWP.

CONSTRUCTION STATUS OF LOS F INTERSECTIONS AND ROAD SEGMENTS

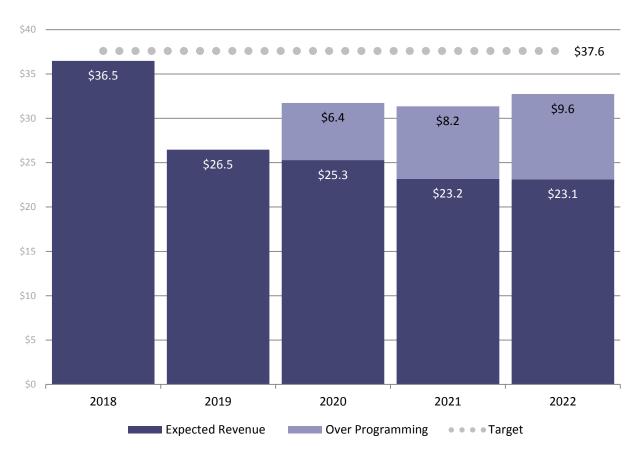


2016 CAPITAL IMPROVEMENT PLAN

ACHD's Capital Improvement Plan (CIP) uses model forecasts to project needed roadway system enhancements from new development over the next 20 years. The CIP is updated every 4 years, with the last update being adopted in 2016. One of the primary purposes for the CIP is to allocate the cost of growth to new development in the form of impact fees. Impact fees do not pay the full cost of roadway expansion as certain features, such as sidewalks and bike lanes, are not eligible for impact fees. Therefore, general fund revenue must also be available to match the impact fee revenue in order for projects to be completed.

The 2016 CIP identified the projects for which impact fees and general fund revenue could reasonably be expected. On average, ACHD would need to expend \$37.6 million per year over the next 20 years on road and intersection enhancements in order to fully implement the 2016 CIP. The chart below shows programmed expenditures over the life of this IFYWP against that target. As shown below, at the direction of the ACHD Commission, this IFYWP includes over programming (specific revenue has not yet been identified) of projects from 2020 through 2022.

FUNDING IN THE IFYWP TOWARDS IMPLEMENTING THE CIP



PRIORITY CORRIDORS

In an effort to implement the CIP in a logical manner, the ACHD Commission has adopted a series of priority corridors. In programming and implementing these projects, ACHD takes a systematic approach representing two steps:

- 1. Improve intersections first to take full advantage of corridor capacity prior to mainline widening.
- 2. Widen corridors sequentially (from one end to the other) when traffic conditions warrant the widening.

The following shows to identified priority corridors and their current status of completion.

Cloverdale Rd, Franklin Rd / Chinden Blvd	•4 Intersections - All Complete •4 Roadway Segments - 1 Complete, 3 Programmed
Eagle Rd, Lake Hazel Rd / Victory Rd	•2 Intersections - 2 Programmed •2 Roadway Segments - 2 Programmed
Fairview Ave, Linder Rd / Orchard St	 8 Intersections - 7 Complete, 1 Programmed 9 Roadway Segments - On Hold Per Commission Direction
Five Mile Rd, Franklin Rd / Ustick Rd	•3 Intersections - All Complete •2 Roadway Segments - All Complete
Franklin Rd, Black Cat Rd / Cole Rd	•10 Intersection - 9 Complete, 1 Programmed •9 Roadway Segments - All Complete
Lake Hazel Rd, Eagle Rd / Orchard St Extension	•5 Intersections - 5 Programmed •5 Roadway Segments - 5 Programmed
Linder Rd, Ustick Rd / Floating Feather Rd	•5 Intersections - 4 Complete, 1 Programmed •4 Roadway Segments - 4 Programmed
Maple Grove Rd, Lake Hazel Rd / Overland Rd	•3 Intersections - 3 Programmed •3 Roadway Segments - 3 Programmed
Meridian Rd, I-84 / Fairview Ave	•2 Intersections - All Complete •2 Roadway Segments - All Complete
Orchard St, Lake Hazel Rd Extension / I- 84	•1 Intersections - 1 Programmed •2 Roadway Segments - 2 Programmed
State St, Glenwood St / 27th St	•4 Intersections - 4 Programmed •4 Roadway Segments - 4 Programmed
Ten Mile Rd, Overland Rd / Chinden Blvd	•4 Intersections - All Complete •5 Roadway Segments - 3 Complete, 2 Programmed
Ustick Rd, Ten Mile Rd / Cole Rd	•9 Intersections - All Complete •8 Roadway Segments - 7 Complete, 1 Future

FUNDING THE STRATEGIC PLAN

ACHD seeks outside funding to augment the District's ability meet the goals outlined in the Strategic Plan. Additionally, ACHD is committed to use the funding it is granted by the taxpayers to accomplish as many needs as is possible each budget year. For more information on ACHD's funding sources, see the adopted FY2018 budget at http://achdweb.achdidaho.org/Departments/PR/achd-2017-18-budget-workshop.aspx.

SHELF PROJECT STRATEGY

One way in which ACHD is able to maintain project flexibility in a dynamic revenue and bidding environment is through the use of shelf projects. A shelf project is defined as a project that has design and right-of-way acquisition programmed for completion with at least a one year gap before construction. The use of a shelf project strategy allows ACHD to accelerate the construction of a project if additional funding becomes available. Of note, if a project requires specific permits and agreements, up to 6 months' notice is needed to accelerate construction in order to meet construction timing constraints (i.e. non-irrigation season).

The following list of projects contains the identified shelf projects within the 2018-2022 IFYWP. The priority ranking demonstrates the order in which projects would be accelerated dependent on the amount of funds that may be available. The year shown indicates the year the project construction could move into if funds are available.

Fiscal Year	Annual Priority	Shelf Project	CN Estimate	Yearly Shelf Total
2018	1	Philippi St, Malad St / Targee St	\$440,000	\$592,000
	2	Holcomb Rd, Mimosa Way / Amity Rd	\$92,000	
	3	Eckert Rd and Arrow Junction Dr Pedestrian Crossing	\$60,000	
2019	1	Hidden Springs Elementary School Zone, 3 rd Ave / Shafer Way	\$63,000	\$6,699,000
	2	Phillippi St, Targee St / Overland Rd	\$1,514,000	
	3	Cassia St, Latah St / Edson St	\$846,000	
	4	28 th St, Hazel St / Irene St	\$114,000	
	5	McMillan Rd, Westview Dr / Maple Grove Rd	\$594,000	
	6	Meridian Rd, Cherry Ln / Ustick Rd	\$3,568,000	
2020	1	Pierce St, Washington St / Shenandoah Dr	\$768,000	\$12,403,000
	2	Linder Rd, Ustick Rd / McMillan Rd	\$2,959,000	
	3	Ten Mile Rd, McMillan Rd / Chinden Blvd (US 20/26)	\$2,773,000	
	4	Ten Mile Rd, Ustick Rd / McMillan Rd	\$4,648,000	
	5	Ten Mile Rd and Amity Rd	\$1,255,000	
2021	1	Linder Rd, SH 44 (State St) / Floating Feather Rd	\$4,725,000	\$6,794,000
	2	Garden St, Franklin Rd / Bethel St	\$632,000	
	3	Bogart Ln, State St (SH 44) / Hill Road Pkwy	\$1,005,000	
	4	Locust Grove Rd, Puffin St / Overland Rd	\$109,000	
	5	Overland Rd and Phillippi St Pedestrian Crossing	\$215,000	
	6	Avenue C, Main St / 04 th St	\$108,000	
2022	1	Floating Feather Rd, Munger Rd / Star Rd	\$2,023,000	\$2,023,000

EXTERNAL FUNDING PLAN

The external funding plan portion of the IFYWP focuses efforts on the Commission's approved focus areas adopted in the ACHD Strategic Plan (2016). External funding comes from funding sources that are not codified by State of Idaho code or fee regiment for use by the Ada County Highway District, with the vast majority of these funds coming from Federal Highway Administration programs. The funding plan ensures funding application efforts are timely and supported by the Commission. All local match funding will be reviewed and approved by Commission when the project agreement is presented for approval.

PRIMARY FOCUS PROJECTS

Seeking external funding for maintenance, safety and Americans with Disabilities Act (ADA) projects is a primary focus area of the Strategic Plan.

FEDERAL CAPITAL MAINTENANCE

ACHD currently receives Surface Transportation Block Grant Program (STP) Transportation Management Area (TMA) funding for qualified, capital maintenance work on Federal-aid Highway System Arterials and Collectors. Per Communities in Motion 2040, COMPASS programs 82% of STP TMA funding for ACHD's road maintenance needs, including but not limited to overlays, reclaims, rebuilds and micro seals¹. When available, STP-Urban funds may be used for capital maintenance projects within Kuna or Star. The federal match requirement for STP funding is 7.34% of project cost. Federal maintenance projects and treatments are identified by Pavement Management staff at the time of design. In addition, federal funding requires that any funded project include necessary ADA improvements within the right-of-way.

The following estimated five-year maintenance need is based on ACHD's Pavement Management Engineer's evaluation of the StreetSaver Model's Pavement Condition Index (PCI) data. This data is updated regularly for Ada County arterials, collectors and residential streets. Funding also includes House Bill 312 maintenance funding.

Pavement Management Programming Target \$27,000,000 to \$34,000,000 Per Year								
2018 2019 2020 2021 2022								
Operational Maintenance	\$9,000,000	\$9,000,000	\$9,000,000	\$9,000,000	\$9,000,000			
Federal Aid Capital Maintenance	\$5,500,000	\$8,900,000	\$8,600,000	\$8,000,000	\$8,500,000			
Local Capital Maintenance	\$9,000,000	\$8,700,000	\$10,600,000	\$10,200,000	\$10,300,000			
Total	\$23,500,000	\$26,600,000	\$28,200,000	\$27,200,000	\$27,800,000			

^{1 2018 -2022} funding need based on a Pavement Condition Index (PCI) of 85, and 0% inflation and interest rate for Arterials, Collectors and Residentials.

PEDESTRIAN SAFETY IMPROVEMENTS

Arterial roadways, with their higher traffic volumes require added consideration in order to safely accommodate bikes and pedestrians. These Primary Focus projects will install enhanced pedestrian crossings on arterial roadways (as appropriate). Enhanced crossings include Accessible Pedestrian Signals (APS), Pedestrian Hybrid Beacon (PHB) and Rectangular Rapid Flashing Beacon (RRFB).

Project Name	Project Description	Estimated Project Cost	Local Match	Possible Funding Sources
Boise Ave and Broadway Ave	Improve intersection and install an APS to assist Garfield Elementary's visually impaired program	\$165,000	\$13,000	Transportation Alternatives Program (TAP)
Boise Ave and Linden St	Install RRFB	\$170,000	\$13,000	TAP
Deer Flat Rd and School Ave	Install PHB	\$150,000	\$11,000	TAP
9 th St and Washington St	Install RRFB	\$146,000	\$11,000	TAP
Hays St at 11 th St and 12 th St	Install RRFB	\$315,000	\$23,000	TAP
Overland Rd and Phillippi St	Install PHB	\$287,000	\$21,000	TAP
McMillan Rd and Leather Way	Install PHB	\$178,000	\$14,000	TAP
Maple Grove Rd and Edna St	Install PHB	\$163,000	\$12,000	TAP
Cherry Ln and Meridian Library	Install PHB	\$229,000	\$17,000	TAP
Vista Ave and Spaulding St	Install PHB	\$259,000	\$19,000	TAP

ADDITIONAL MAINTENANCE AND SAFETY PROJECTS

The following is a list of additional Primary Focus projects for which ACHD will seek outside funding.

Project Name	Project Description	Estimated Project Cost	Local Match	Possible Funding Sources
Gowen Rd Bridge #2110	Reconstruct the existing deficient rail overpass bridge	\$2,000,000	\$200,000	Federal Bridge and AID Program
Eckert Rd Bridge #2147 & #2148	Reconstruct and widen the existing river bridge	\$6,000,000	\$441,000 - \$2,400,000	Federal Bridge Program and FASTLANE Grant
Fairview Ave Bridge #2196 & #2197	Reconstruct the existing deficient bridges over the Boise River	\$8,400,000	\$617,000	Federal Bridge Program and FASTLANE Grant
Replace Bridges That Create Flood Hazards	Reconstruct obsolete bridges to eliminates 100-year flooding hazard created by existing bridge	\$500,000 - \$2,000,000	\$125,000 - \$500,000	FEMA Pre-Disaster Mitigation and Hazard Mitigation Grant
Orchard Access Rd Rehabilitation	Reclaim 5.4 miles of Orchard Access Rd south of I-84 to ACHD road termination at UPRR tracks	\$1,400,000	\$0	Defense Access Road Program
Replace Non- Compliant Ramps at Joint ITD/ACHD Intersections	Bring non-compliant curb cuts up to ADA standards where ACHD sidewalks intersect ITD routes	\$60,000	\$0	Idaho Americans with Disabilities Act Curb Ramp Program

Swan Falls Rd Shoulder Widening	To improve safety, add 5-foot shoulders to 11.5 miles of Swan Falls Rd, and make safety improvements to curves and utility pole locations	\$3,000,000	\$221,000	Federal Land Access Program and Local Highway Safety Improvement Program
Mini Roundabout Pilot Project	To improve safety, convert the Rose Hill St / Owyhee St intersection; currently stop controlled for Owyhee St only, to a mini roundabout	\$300,000	\$22,000	Local Highway Safety Improvement Program
Traffic Signal Performance Measure (Phase I)	With ITD, upgrade traffic controllers and detection systems on 5 arterial corridors. Use signal performance measure data to enhance safety and signal operations.	\$3,500,000	ACHD's share of 50% match	Advanced Transportation & Congestion Management Technologies Deployment Initiative
Traffic Signal Performance Measure (Phase II)	With ITD, upgrade traffic controllers and detection systems on 5 arterial corridors. Use signal performance measure data to enhance safety and signal operations.	\$2,000,000	ACHD's share of 50% match	Advanced Transportation & Congestion Management Technologies Deployment Initiative
Maintaining Power in an Emergency	Purchase necessary stand-by power systems for both Adams St and Cloverdale Rd facilities	\$235,000	\$59,000	Homeland Security Grants, Emergency Management Grants

PROACTIVELY ADDRESSING ENVIRONMENTAL REGULATIONS

In response to existing and anticipated air quality and stormwater requirements, staff will seek grant funding that enables the District to implement innovative projects and training that prepares the District for broader regulatory requirements. Projects and training would focus on implementing stormwater projects that respond to lower Boise River Total Maximum Daily Load (TMDL) and NPDES permit requirements. In addition, look for opportunities to improve ACHD operations with proven green technologies.

The following is a list of additional Primary Focus projects that staff will seek outside funding:

Project Name	Project Description	Estimated Project Cost	Local Match	Possible Funding Sources
GSI Technical Assistance Grant	Technical assistance to develop a GSI Maintenance and Operations plan for the operation and maintenance of ACHD's green infrastructure	\$50,000	As required	EPA's Technical Assistance Services for Communities program
GSI Infrastructure Supportive Curriculum	To increase the number of qualified contractors with qualified staff, jointly develop with College of Western Idaho (CWI) a certified horticulture curriculum focused on the maintenance of stormwater facilities.	\$50,000	Min. \$4,000	EPA Urban Waters Small Grant

GSI Infrastructure Projects	Fund permeable paver retrofit of alleys in downtown Boise and Meridian with cost-share from city	\$50,000 - \$125,000	As required with City cost-share	Federal source
GSI Infrastructure Projects	Fund retrofit of stormwater system in Main/Fairview corridor with cost-share from city. Projects may include permeable alley, bio-retention planters and tree planter	\$150,000	As required with City cost-share	Federal source
GSI and Air Quality Mitigation Demonstration Project	Plant trees in identified locations to reduce stormwater impacts and improve regional air quality.	\$250,000	As required	Idaho Department of Lands
Supporting Idaho Forest Action Plan	Pilot project to investigate processing and use of organic materials collected by ACHD street sweeping operations thereby eliminating this as a waste product. Funds will purchase necessary equipment	\$100,000	\$10,000	Idaho Department of Lands
Replace or Upgrade Old Diesel Engines	Replace existing construction equipment's diesel motor with new clean diesel motor.	\$10,000 to \$50,000	As required	EPA and STP-TMA

SECONDARY FOCUS PROJECTS

The Strategic Plan identifies Secondary Focus project as road enhancements that improve capacity, and provide congestion management and relief. Secondary Focus projects also include cooperative projects with ITD, cities and businesses that support economic growth and job creation. The following is a list of Secondary Focus projects for which staff will seek outside funding:

Project Name	Project Description	Estimated Project Cost	Local Match	Possible Funding Sources
Orchard St Realignment	Realign and widen to 5 lanes Orchard St from Victory Rd to Gowen Rd	\$5,400,000	\$1,000,000 - \$2,160,000	TIGER and FASTLANE grants
Joint US 20/26 and ACHD Intersections	Partner with ITD to improve intersections on US 20/26, including Locust Grove and Meridian Roads	\$500,000 - \$2,000,000	\$19,000 - \$400,000	STP-TMA and FASTLANE grants
State St and Glenwood St	Partner with ITD to improve the intersection of State St and Glenwood St	\$8,000,000 - \$10,000,000	\$300,000 - \$2,000,000	STP-TMA and FASTLANE grants
Innovative, Low- Stress, High- Comfort Bike Facilities	Design improvements such as protected lanes, bike ways, bike signals, and enhanced signals	\$25,000 to \$500,000	\$0 to \$37,000	TAP and Peopleforbikes

New Bike and Pedestrian Facility Evaluation	Conduct concept study to evaluate the effectiveness of bike and pedestrian plans to integrate new facilities into the existing system	\$25,000	As required	COMPASS Planning Grant
Kuna-Mora Rd and UPRR Crossing Improvements	To eliminate full stop on freight route, rebuild approximately 400' of Kuna-Mora Road, as necessary, to eliminate uneven pavement profile at rail crossing.	\$300,000	\$22,000	STP-Rural
Bluetooth Information Stations	Deploy a series of travel time information collection stations on select arterials/intersections around Ada County to provide improved travel speed and congestion data to better inform decisions	\$200,000	\$15,000	FHWA Program
Wireless CCTV and Signal Interconnect	Install wireless radio links to 20 intersections to interconnect signals and install remote CCTV camera link	\$150,000	\$11,000	FHWA Program
Arterial Dynamic Message Sign	Install four (4) arterial Dynamic Message Signs on major arterials to freeway interchanges	\$300,000	\$22,000	FHWA Program
Connective Vehicle Regional Study	Partnering with University of Idaho, install connected vehicle equipment in ACHD vehicles and upgrade traffic signal controllers to include a connected vehicle interface to test signal communication with vehicles as they drive the corridors.	\$5,000 over three years	50% match over three years	Idaho Transportation Department, Office of Highway Safety
Commuteride Van Replacement	For Commuteride, purchase 13- passenger vans and minivans to replace vehicles according to vehicle replacement schedule	Varies per year	7.34% to 20% match	FTA 5307 Urbanized Area Formula, FTA 5339 or STP-TMA
Park and Ride Site Development	Develop and construct a park and ride site in Kuna to support the Commuteride program	\$740,000	\$55,000 to \$148,000	FTA or STP-TMA funds