

Traffic Program

ITS Projects

Active Traffic Management Implementation (2021)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Install/update ITS equipment on major arterials to improve operational efficiency, enhance safety and ease congestion during incidents and construction events. Project would be partnership with the Idaho Transportation Department.

Programmed Expenditures			Project Costs	
Traffic Materials	\$350,000	2021	ACHD Share	(\$950,000)
Programmed	\$350,000		Plus Funding	\$1,300,000
			Plus PriorCosts	
			Project Total	\$350,000

Arterial Dynamic Message Sign Installation (2022) Boise / Meridian / Eagle / Garden City

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

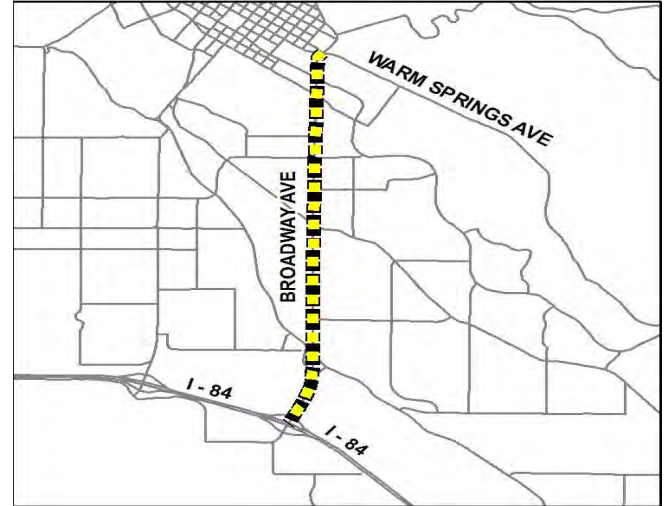
Install arterial DMS signs on major commuter routes such a Chinden Blvd, State St and Fairview Ave to provide incident, construction and travel time information to drivers.

Programmed Expenditures			Project Costs	
Traffic Materials	\$320,000	2022	ACHD Share	\$320,000
Programmed	\$320,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$320,000

**Broadway Ave Traffic Signal Improvements
Boise**

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr



Upgrade 10 ACHD signalized intersections on Broadway Ave with new traffic controllers and evaluate new technology such as adaptive signals or performance measures to improve traffic flow.

Programmed Expenditures			Project Costs	
Traffic Materials	\$225,000	2023	ACHD Share	\$225,000
Programmed	\$225,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$225,000

CCTV Camera Upgrade (2022)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Replace existing ACHD closed caption cameras with new High Definition (HD) cameras.

Programmed Expenditures			Project Costs	
Traffic Materials	\$120,000	2022	ACHD Share	\$120,000
Programmed	\$120,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$120,000

Fiber Optic Cable Network Update (2021)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Replace existing ACHD fiber or add additional fiber in existing conduit to improve operation of the ACHD network.

Programmed Expenditures			Project Costs	
Traffic Materials	\$100,000	2021	ACHD Share	\$100,000
Programmed	\$100,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$100,000

**Treasure Valley Smart Arterial Management
Boise / Eagle / Meridian**

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Project will install new advanced traffic signal controllers and radar vehicle detection systems at 82 signalized intersections in Ada County. Project will also include Bluetooth information units, audible pedestrian signals, and radio communication units.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$50,000	2019	ACHD Share	\$2,849,000
Prof Services - DSN	\$200,000	2020	Plus Funding	\$2,370,000
Construction	\$2,222,000	2019	Plus PriorCosts	\$123,000
Construction	\$1,874,000	2020	Project Total	\$5,342,000
Const Engineering	\$210,000	2019		
Const Engineering	\$175,000	2020		
Traffic Materials	\$488,000	2019		
Programmed	\$5,219,000			

Traffic Signal Upgrades

Traffic Signals New and Upgraded (2019)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Construction	\$300,000	2019	ACHD Share	\$300,000
Programmed	\$300,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

Traffic Signals New and Upgraded (2020)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Traffic Materials	\$300,000	2020	ACHD Share	\$300,000
Programmed	\$300,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

Traffic Signals New and Upgraded (2021)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Traffic Materials	\$300,000	2021	ACHD Share	\$300,000
Programmed	\$300,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

Traffic Signals New and Upgraded (2022)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Traffic Materials	\$300,000	2022	ACHD Share	\$300,000
Programmed	\$300,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

Traffic Signals New and Upgraded (2023)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Traffic Materials	\$300,000	2023	ACHD Share	\$300,000
Programmed	\$300,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

Traffic Signals New and Upgraded (PD)

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Rebuild and upgrade selected traffic signals, including poles and mast arms, as well as detection and electrical systems.

Programmed Expenditures			Project Costs	
Traffic Materials	\$600,000	PD	ACHD Share	\$600,000
Programmed	\$600,000		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$600,000

Traffic Safety and Accessibility Projects

13th St Traffic Calming, Fort St / Hill Rd Boise

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Implement components of the 13th St Traffic Calming Concept Study. Current funding levels are a placeholder until concept study is complete.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$80,000	2021	ACHD Share	\$475,000
Construction	\$392,000	2022	Plus Funding	\$0
Utilities	\$3,000	2022	Plus PriorCosts	
Programmed	\$475,000		Project Total	\$475,000



Fairview Ave and Curtis Rd Accessible Pedestrian Signal Boise

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
 Est Source Proj Mgr

Replace pedestrian poles with Accessible Pedestrian Signal-compatible push buttons and replace pedestrian ramps with directional ramps.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$37,000	PD	ACHD Share	\$414,500
RW Acquisition	\$2,000	PD	Plus Funding	\$0
Construction	\$287,000	PD	Plus PriorCosts	
Traffic Materials	\$70,000	PD	Project Total	\$414,500
Utilities	\$19,000	PD		
Programmed	\$415,000			



Fairview Ave and Milwaukee St Accessible Pedestrian Signal Boise

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # IN217-09 Prj # ITD Key #

Est Source Scoping 2018 Proj Mgr Calderon

Replace pedestrian poles with Accessible Pedestrian Signal-compatible push buttons and replace pedestrian ramps with directional ramps. Project will also flatten the radius of the southwest corner to minimize existing curb damage.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$24,000	PD	ACHD Share	\$244,000
RW Acquisition	\$2,000	PD	Plus Funding	\$0
Construction	\$186,000	PD	Plus PriorCosts	
Const Engineering	\$1,000	PD	Project Total	\$244,000
Traffic Materials	\$28,000	PD		
Utilities	\$3,000	PD		
Programmed	\$244,000			



Fairview Ave and Orchard St Boise

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # IN205-104 Prj # ITD Key #

Est Source Scoping 2018 Proj Mgr Calderon

Replace pedestrian poles with Accessible Pedestrian Signal-compatible push buttons and replace pedestrian ramps with directional ramps. Project will also reduce the radius of the southwest corner.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$53,000	PD	ACHD Share	\$552,000
RW Acquisition	\$2,000	PD	Plus Funding	\$0
Construction	\$413,000	PD	Plus PriorCosts	
Const Engineering	\$7,000	PD	Project Total	\$552,000
Traffic Materials	\$65,000	PD		
Utilities	\$12,000	PD		
Programmed	\$552,000			



Hill Road Pkwy and Sunstone St Boise

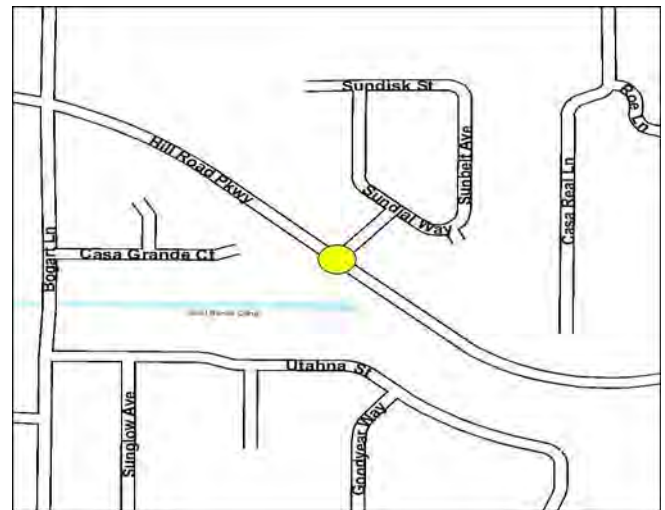
Priority: of
Adjusted Benefit/Cost Ratio:

GIS # IN217-07 Prj # ITD Key #

Est Source Scoping 2018 Proj Mgr Calderon

Install a dedicated left-turn lane from eastbound Hill Rd Parkway onto Sunstone St.

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$12,000	PD	ACHD Share	\$94,000
Appraisals - RW	\$5,000	PD	Plus Funding	\$0
Construction	\$77,000	PD	Plus PriorCosts	
Programmed	\$94,000		Project Total	\$94,000



**Kootenai St Traffic Calming, Orchard St / Vista Ave
Boise**

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Implement components of the Kootenai St Traffic Calming Concept Study. Current funding levels are a placeholder until concept study is complete.



Programmed Expenditures			Project Costs	
Prof Services - DSN	\$75,000	2022	ACHD Share	\$484,000
Title Search - RW	\$2,000	2022	Plus Funding	\$0
Construction	\$400,000	2023	Plus PriorCosts	
Utilities	\$7,000	2023	Project Total	\$484,000
Programmed	\$484,000			

**Linder Rd and UPRR Crossing Improvements
Meridian**

Priority: of ****TIP****
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Add warning lights and crossing gates at the crossing of Linder Rd and the Union Pacific railroad in Meridian. Project to be design by the Idaho Transportation Department in coordination with ACHD.



Programmed Expenditures			Project Costs	
Construction	\$0	2020	ACHD Share	\$0
Programmed	\$0		Plus Funding	\$525,000
			Plus PriorCosts	
			Project Total	\$525,000

**Orchard St and Franklin Rd Accessible Pedestrian Signal
Boise**

Priority: of
Adjusted Benefit/Cost Ratio:

GIS # Prj # ITD Key #
Est Source Proj Mgr

Install Accessible Pedestrian Signals at the Franklin Rd and Orchard St intersection to enhance accessibility in compliance with the Americans with Disabilities Act.



Programmed Expenditures			Project Costs	
Prof Services - DSN	\$23,000	2020	ACHD Share	\$106,400
Title Search - RW	\$0	2020	Plus Funding	\$0
RW Acquisition	\$13,000	2021	Plus PriorCosts	
Construction	\$58,000	2022	Project Total	\$106,400
Const Engineering	\$3,000	2022		
Traffic Materials	\$6,000	2022		
Utilities	\$3,000	2022		
Programmed	\$106,000			

**State St, 16th St / 23rd St Lighting Improvements
Boise**

Priority: of ****TIP****
Adjusted Benefit/Cost Ratio:

GIS # MIS216-02 Prj # 717040 ITD Key #

Est Source Engineer Proj Mgr Tate

Federal aid safety project to install continuous street lighting to improve visibility and reduce nighttime crashes.



Programmed Expenditures			Project Costs	
Construction	\$93,000	2019	ACHD Share	\$93,000
Const Engineering	\$3,000	2019	Plus Funding	\$275,000
Programmed	\$96,000		Plus PriorCosts	\$67,000
			Project Total	\$435,000