

Traffic Program

ITS Projects

**Active Traffic Management Implementation (2017)**

Priority: of

**Ada County / Boise / Kuna / Meridian / Eagle / Garden City / Star**

Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Other  Proj Mgr

Install/update ITS equipment on major arterials to improve operational efficiency, enhance safety and ease congestion during incidents and construction events.

Programmed Expenditures			Project Costs	
Traffic Materials	\$200,000	2017	ACHD Share	\$200,000
Programmed	<b>\$200,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$200,000

**Active Traffic Management Implementation (2018)**

Priority: of

Adjusted 2015 Benefit/Cost Ratio:

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Est Source  Other  Proj Mgr

Install/update ITS equipment on major arterials to improve operational efficiency, enhance safety and ease congestion during incidents and construction events.

Programmed Expenditures			Project Costs	
Traffic Materials	\$200,000	2018	ACHD Share	\$200,000
Programmed	<b>\$200,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$200,000

**Bluetooth Congestion Management System Installation, Phase 2**

Priority: of

**Ada County / Boise / Kuna / Meridian / Eagle / Garden City / Star**

Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Other  Proj Mgr

Install Bluetooth travel time equipment on 10 arterials within Ada County. Units will provide real time travel time information via the ACHD website and for future planning effort

Programmed Expenditures			Project Costs	
Traffic Materials	\$125,000	2017	ACHD Share	\$125,000
Programmed	<b>\$125,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$125,000

### Cole Rd, Spectrum St / Century Way, Medians

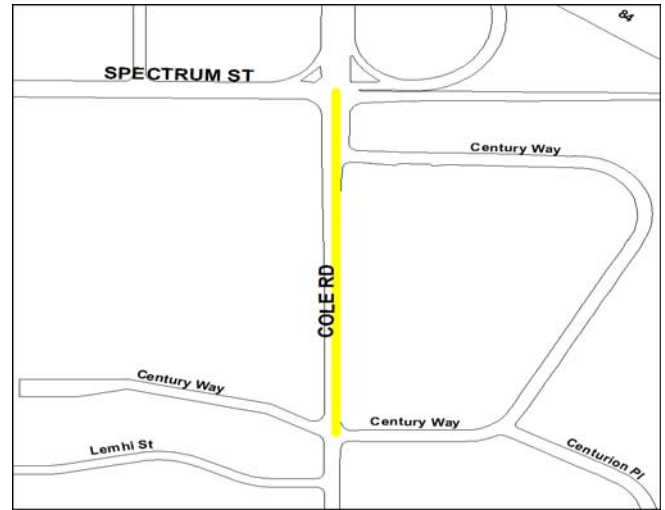
Boise

Priority: of **\*\*TIP\*\***  
Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Federal aid project to install raised concrete median to replace existing temporary median on Cole Rd, Spectrum St / Century Way. The raised concrete median will better delineate the median and left turn pockets.



Programmed Expenditures			Project Costs	
Construction	\$12,000	2017	ACHD Share	\$12,000
Const Engineering	\$5,000	2017	Plus Funding	\$175,000
Programmed	<b>\$17,000</b>		Plus PriorCosts	
			Project Total	\$187,000

### Cole Rd/Overland Rd Traffic Signal Improvements

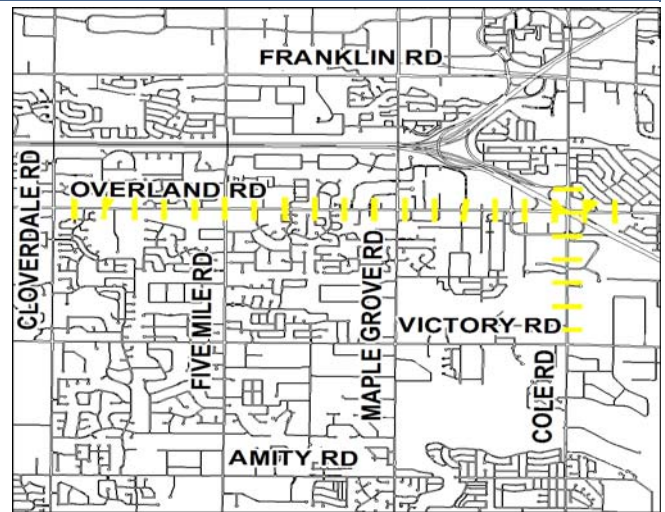
Boise

Priority: of  
Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Upgrade 20 ACHD signalized intersection on Overland Road and Cole Road with new traffic controllers and evaluate new technology such as adaptive signals or performance measure technologies to improve traffic flow.



Programmed Expenditures			Project Costs	
Traffic Materials	\$350,000	2018	ACHD Share	\$350,000
Programmed	<b>\$350,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$350,000

### Eagle Rd Traffic Signal Improvements

Boise / Meridian

Priority: of  
Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Upgrade 14 signalized intersections on/near Eagle Rd to use new Advanced Traffic Signal Controllers (ATC) performance measures to improve traffic flow. Project is 80% funded by ITD.



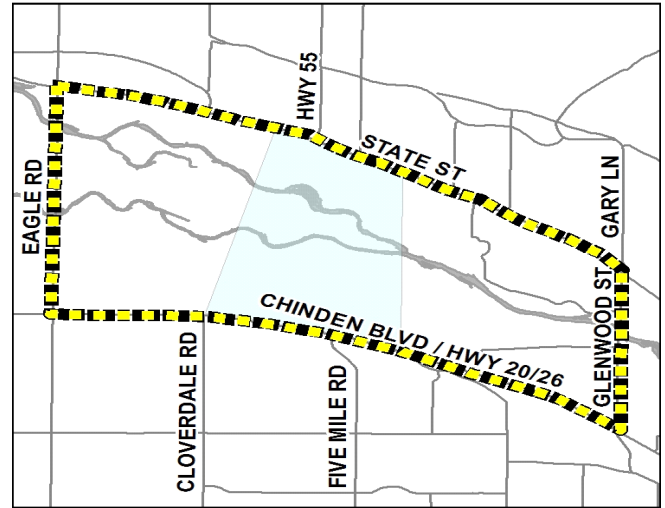
Programmed Expenditures			Project Costs	
Prof Services - DSN	\$15,000	2018	ACHD Share	\$30,000
Construction	\$60,000	2018	Plus Funding	\$460,000
Traffic Materials	\$415,000	2018	Plus PriorCosts	
Programmed	<b>\$490,000</b>		Project Total	\$490,000

**Three Cities Intelligent Transportation System Improvement  
Boise / Eagle / Garden City**

Priority: of **\*\*TIP\*\***  
Adjusted 2015 Benefit/Cost Ratio:

GIS # TRM211-04 Prj # 703044.008 ITD Key # Key 8821  
Est Source Concept Proj Mgr Tate

Improve, replace, and install traffic management equipment on the four roadways surrounding the Three Cities River Crossing study area: Chinden, Eagle, Glenwood, and State. Includes CCTV cameras, fiber cable, DMS, adaptive traffic control, and video displays.



Programmed Expenditures			Project Costs	
Prof Services - DSN	\$232,000	2017	ACHD Share	\$232,000
Programmed	<b>\$232,000</b>		Plus Funding	\$0
			Plus PriorCosts	\$1,478,873
			Project Total	\$1,710,873

**Wireless CCTV and Signal Interconnect, Phase 2  
Ada County / Boise / Kuna / Meridian / Eagle / Garden City / Star**

Priority: of  
Adjusted 2015 Benefit/Cost Ratio:

GIS # ITS213-07 Prj # 317023 ITD Key #  
Est Source Other Proj Mgr McCarthy

Install wireless radio links to 10 intersections to interconnect signals and install remote CCTV camera links, in order to improve traffic operations management.

Programmed Expenditures			Project Costs	
Traffic Materials	\$75,000	2017	ACHD Share	\$75,000
Programmed	<b>\$75,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$75,000

**Traffic Signal Upgrades**

**Traffic Signals New and Upgraded (2017)**

Priority: of  
Adjusted 2015 Benefit/Cost Ratio:

GIS # TSU217 Prj # ITD Key #  
Est Source Other Proj Mgr Martin

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	2017	ACHD Share	\$300,000
Programmed	<b>\$300,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

## Traffic Signals New and Upgraded (2018)

Priority: of  
Adjusted 2015 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	2018	ACHD Share	\$300,000
Programmed	<b>\$300,000</b>		Plus Funding	\$0
			Plus PriorCosts	
			Project Total	\$300,000

## Safety Projects

### Black Cat Rd and UPRR Crossing Improvements Meridian

Priority: of  
Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Add warning lights and crossing gates at the crossing of Black Cat Road and the Union Pacific railroad (DOT #819338C) in Kuna. Project to be design by the Idaho Transportation Department in coordination with ACHD.

Programmed Expenditures			Project Costs	
Construction	\$20,000	2018	ACHD Share	\$20,000
Programmed	<b>\$20,000</b>		Plus Funding	\$405,000
			Plus PriorCosts	
			Project Total	\$425,000



### Cherry Ln, Linder Rd / Meridian Rd Lighting Improvements Meridian

Priority: of **\*\*TIP\*\***  
Adjusted 2015 Benefit/Cost Ratio:

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

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

Programmed Expenditures			Project Costs	
Construction	\$27,000	2017	ACHD Share	\$29,500
Const Engineering	\$3,000	2017	Plus Funding	\$407,000
Programmed	<b>\$30,000</b>		Plus PriorCosts	
			Project Total	\$436,500



**Miscellaneous Traffic Safety Pedestrian Projects**

Priority: of

Adjusted 2015 Benefit/Cost Ratio:

**Boise**

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Install enhanced pedestrian crossings and/or other traffic control devices at identified potential locations to improve pedestrian crossing safety.

**State St & 34<sup>th</sup> St**  
**36<sup>th</sup> St & Anderson St**  
**Fairview Ave & Allumbaugh St**  
**Fairview Ave & Raymond St**  
**Broadway Ave & Iowa St**

Programmed Expenditures			Project Costs	
Construction	\$50,000	2017	ACHD Share	\$130,000
Traffic Materials	\$80,000	2017	Plus Funding	\$0
Programmed	<b>\$130,000</b>		Plus PriorCosts	
			Project Total	\$130,000

**Overland Rd and Vista Ave Street Lighting**

Priority: of

**\*\*TIP\*\***

Adjusted 2015 Benefit/Cost Ratio:

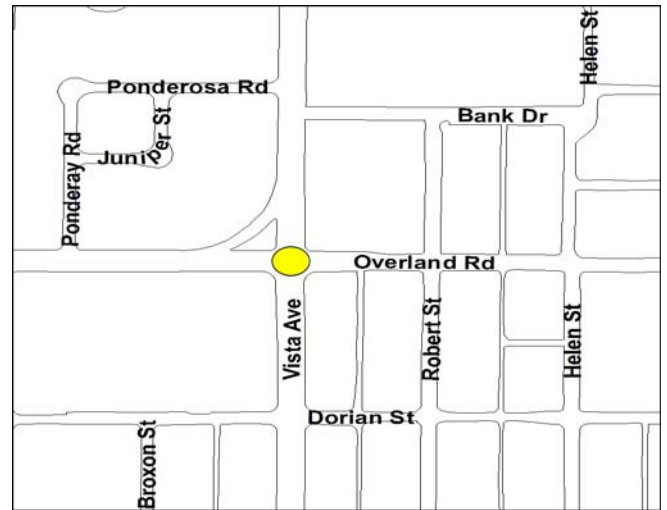
**Boise**

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

Federal aid safety project to install street lighting on north and east legs of the Vista Ave and Overland Rd intersection to improve visibility and reduce nighttime crashes.

Programmed Expenditures			Project Costs	
Construction	\$9,000	2017	ACHD Share	\$9,200
Programmed	<b>\$9,000</b>		Plus Funding	\$100,000
			Plus PriorCosts	
			Project Total	\$109,200



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

Priority: of

**\*\*TIP\*\***

Adjusted 2015 Benefit/Cost Ratio:

**Boise**

GIS #  Prj #  ITD Key #

Est Source  Proj Mgr

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

Programmed Expenditures			Project Costs	
Prof Services - DSN	\$67,000	2017	ACHD Share	\$26,000
Construction	\$18,000	2018	Plus Funding	\$334,000
Const Engineering	\$3,000	2018	Plus PriorCosts	
Programmed	<b>\$88,000</b>		Project Total	\$360,000

