

Bluffdale City – 14600 South Railroad Bridge Project Type – Widening

14600 South and Union Pacific Railroad Structure



**Project Cost –
\$ 5,835,900
Funds Request –
\$ 5,440,810**

This project will widen the existing Union Pacific and UTA Railroad bridges over 14600 South to allow two lanes of traffic to safely move beneath it.

Project Cost –
\$ 1,364,600
Funds Request –
\$ 1,272,217

UTA – MAX Magna Loop BRT Optimization Project Type – Transit

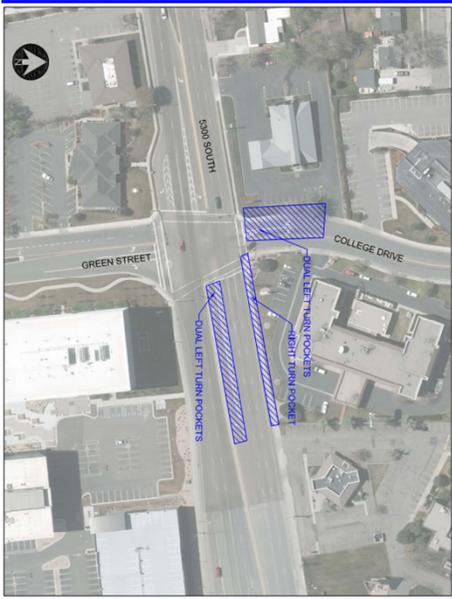
3500 South and 8400 West to 3500 South and 8400 West



In a continuing effort to support ridership increases and move the 35 MAX route to a fully realized BRT line consistent with the RTP, the project proposes the installation of BRT stations in the Magna loop to make them compliant to ADA standards for accessibility and add MAX branded shelters at seven locations.

Murray City – 5300 South & College Drive Project Type – Intersection Improvements

College Drive & 5300 South (SR-173)



**Project Cost –
\$ 1,842,400
Funds Request –
\$ 1,694,362**

The purpose of this project is to construct dual left-turn lanes in the south and westbound approaches, and a separate right-turn lane in the westbound approach in order to accommodate the existing and future traffic demand and reduce air pollution.

Salt Lake City – Bike Share Program

Project Type – Bicycle

900 West to 1100 East – 600 North to 1100 South

LEGEND

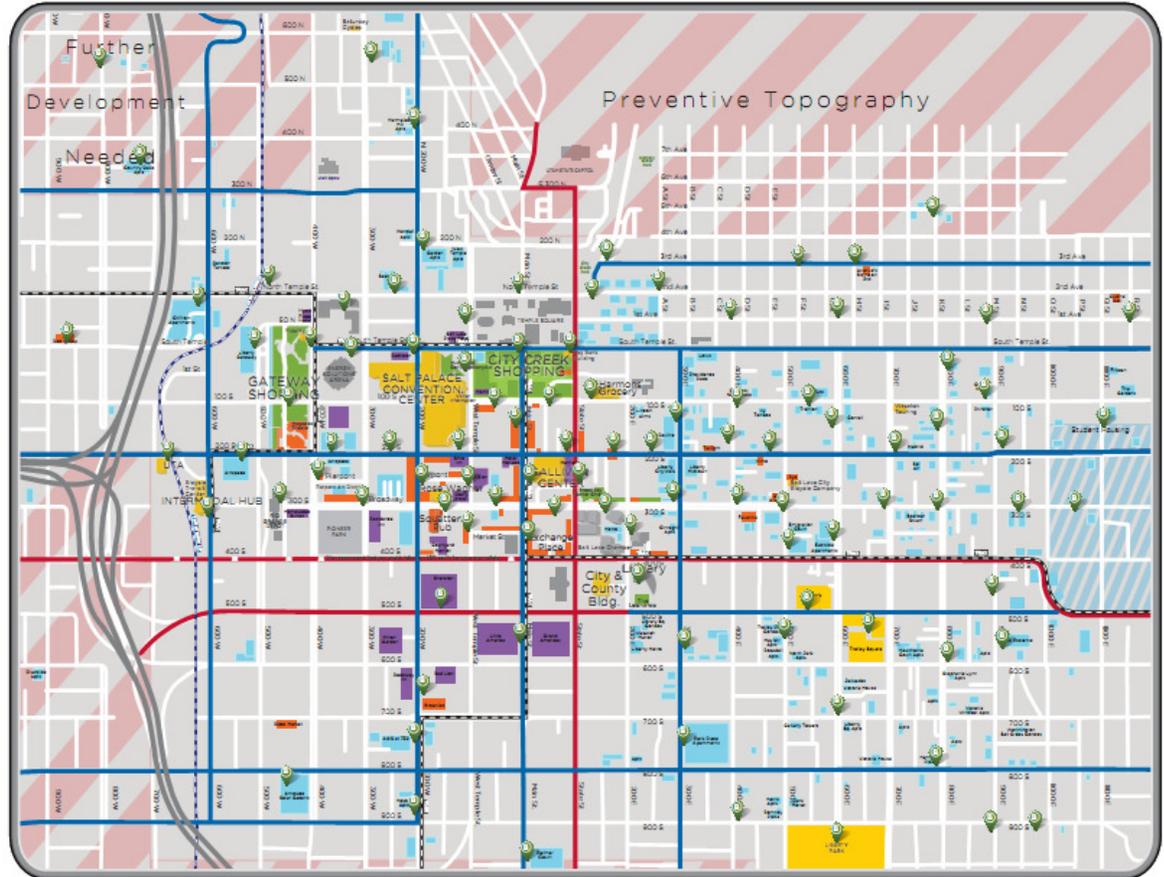
	FOOD/DRINK		HOTEL
	SHOPPING & ENTERTAINMENT		RESIDENTIAL



GREENbike

SLC BIKE SHARE

100 Stations / 1,000 Bikes: 2020



Project Cost –
\$ 800,800
Funds Request –
\$ 746,586

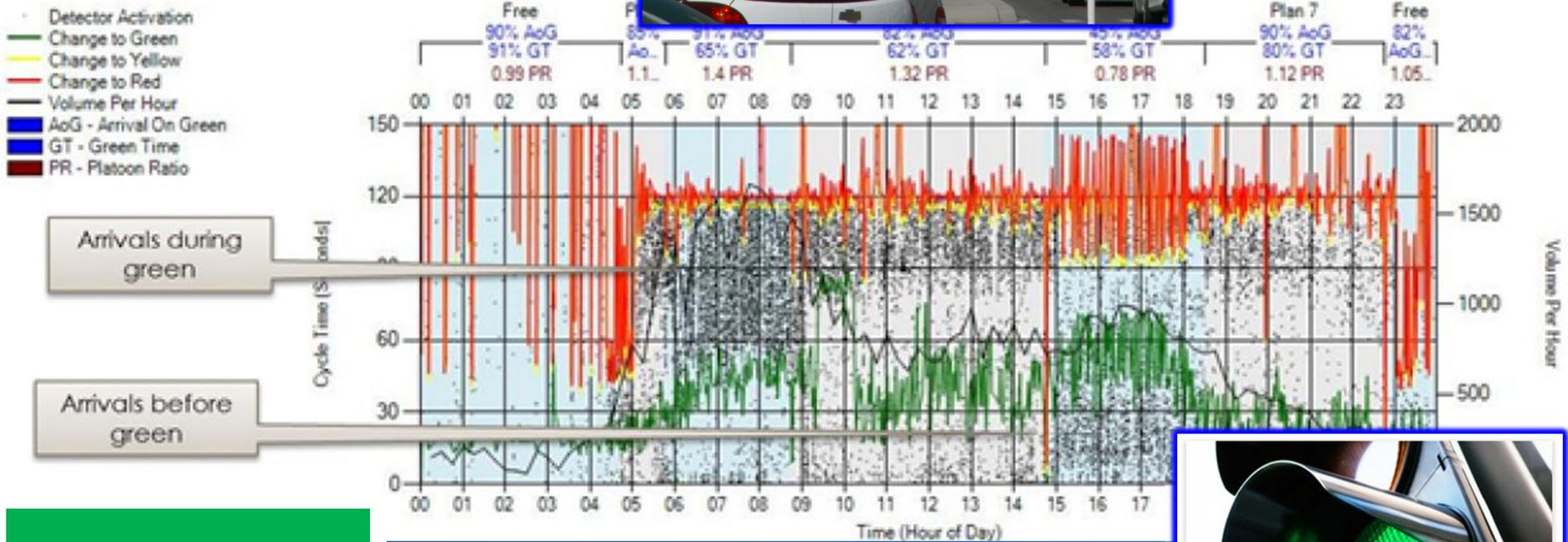
The bike share program provides an option for commuters to link local destinations with regional transit via bicycle and reduce short car trips in the downtown area. GREENbike works to improve the community's health and reduce carbon emissions and vehicle miles traveled by providing alternatives to automobile trips. This funding will provide 9 stations, 200+ docks, 10 kiosks, and other infrastructure necessary to maintain and grow a robust bike share system.

Salt Lake City – Traffic Signal Synchronization Project Type – Operations

Salt Lake City Signals

SYNCHRONIZATION BENEFITS

- TRAVEL TIME ↓ 20%
- DELAYS ↓ 43%
- STOPS ↓ 41%
- FUEL USE ↓ 10%
- AIR QUALITY ↑



**Project Cost –
\$ 1,000,000
Funds Request –
\$ 930,000**

Acquire and install radar detection to allow Salt Lake City to utilize UDOT signal performance measures and synchronize City traffic signals.



UTA – Locomotive Over Haul Project Type – Operations

Rebuild 4 Locomotive Prime Mover Engines



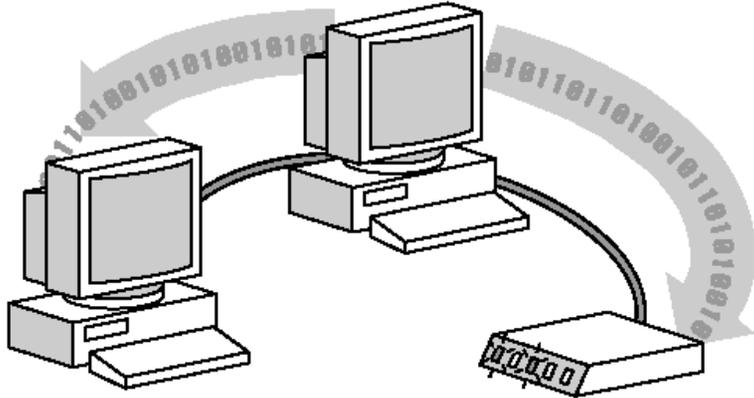
**Project Cost –
\$ 2,516,000
Funds Request –
\$ 2,345,667**

This project will rebuild 4 locomotive prime mover engines to Tier 2+ emissions standards. The rebuilding of 4 locomotive prime mover engines to EPA's standard of Tier 2+ would reduce the total emissions of criteria air pollutants (i.e. NO_x, HC, CO and PM) by 8,758 kg annually.

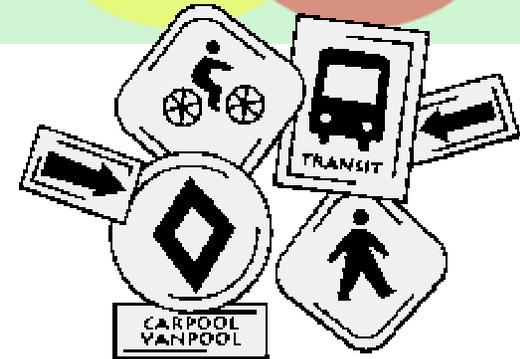
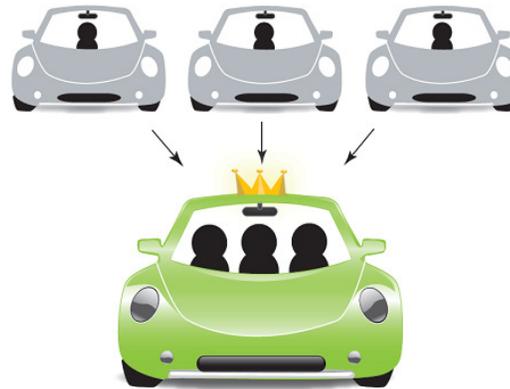
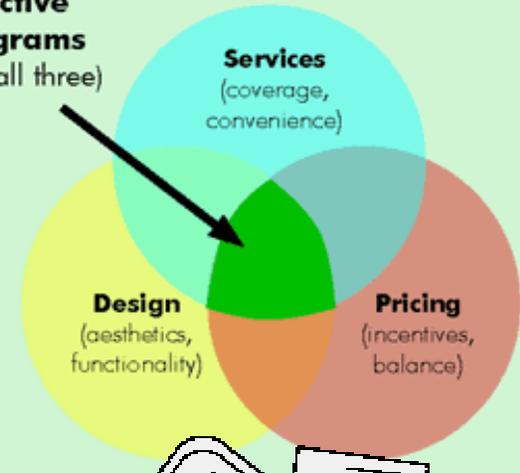
UTA – Transportation Demand Management - Rideshare

Project Type - Transit

Various Areas in the Salt Lake Urbanized Area



Most Effective TDM Programs
(Combine all three)



Project Cost –
\$ 58,994

Funds Request –
\$ 55,000

Provides carpool, vanpool, and other commuting matches.
Provides non-commute matches for special event trips.
Educate communities and others concerning alternative transportation options and promote those options that reduce single occupancy vehicle usage, improve mobility, enhance air quality, and conserve energy.

UTA – Vanpool Management Project Type - Transit

Various Areas in the Salt Lake Urbanized Area



**Project Cost –
\$ 282,884**

**Funds Request –
\$ 263,733**

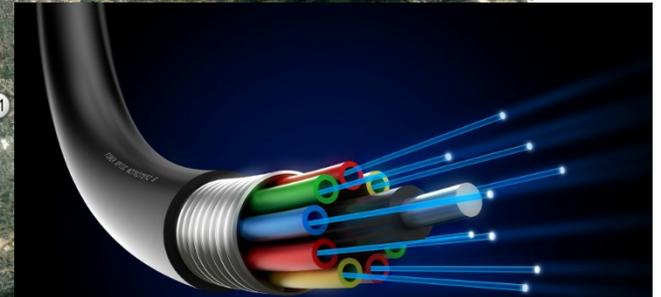
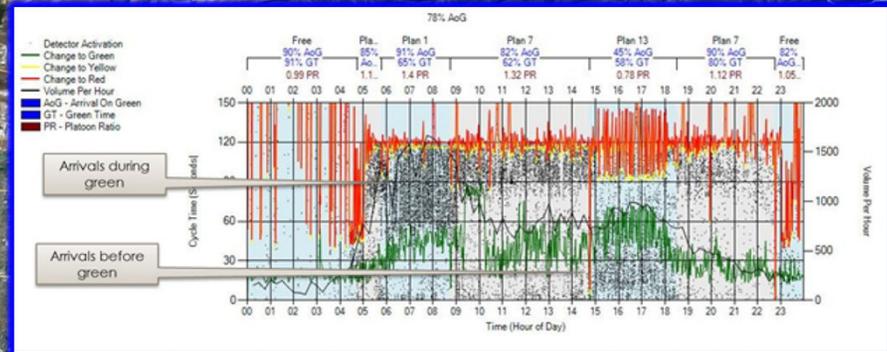
Manage the daily logistics and expenses of a 420+ vanpool program which reduces single occupancy vehicle usage. Oversight of the program includes managing each group's roster, payments, maintenance, and reporting riders and miles traveled to meet federal guidelines.

UDOT (TOC) – Salt Lake Urban Area – Signal Interconnect Project Type – ATMS or ITS

Various Locations

SYNCHRONIZATION BENEFITS

- TRAVEL TIME ↓ 20%
- DELAYS ↓ 43%
- STOPS ↓ 41%
- FUEL USE ↓ 10%
- AIR QUALITY ↑

**Project Cost –
\$ 1,608,600**

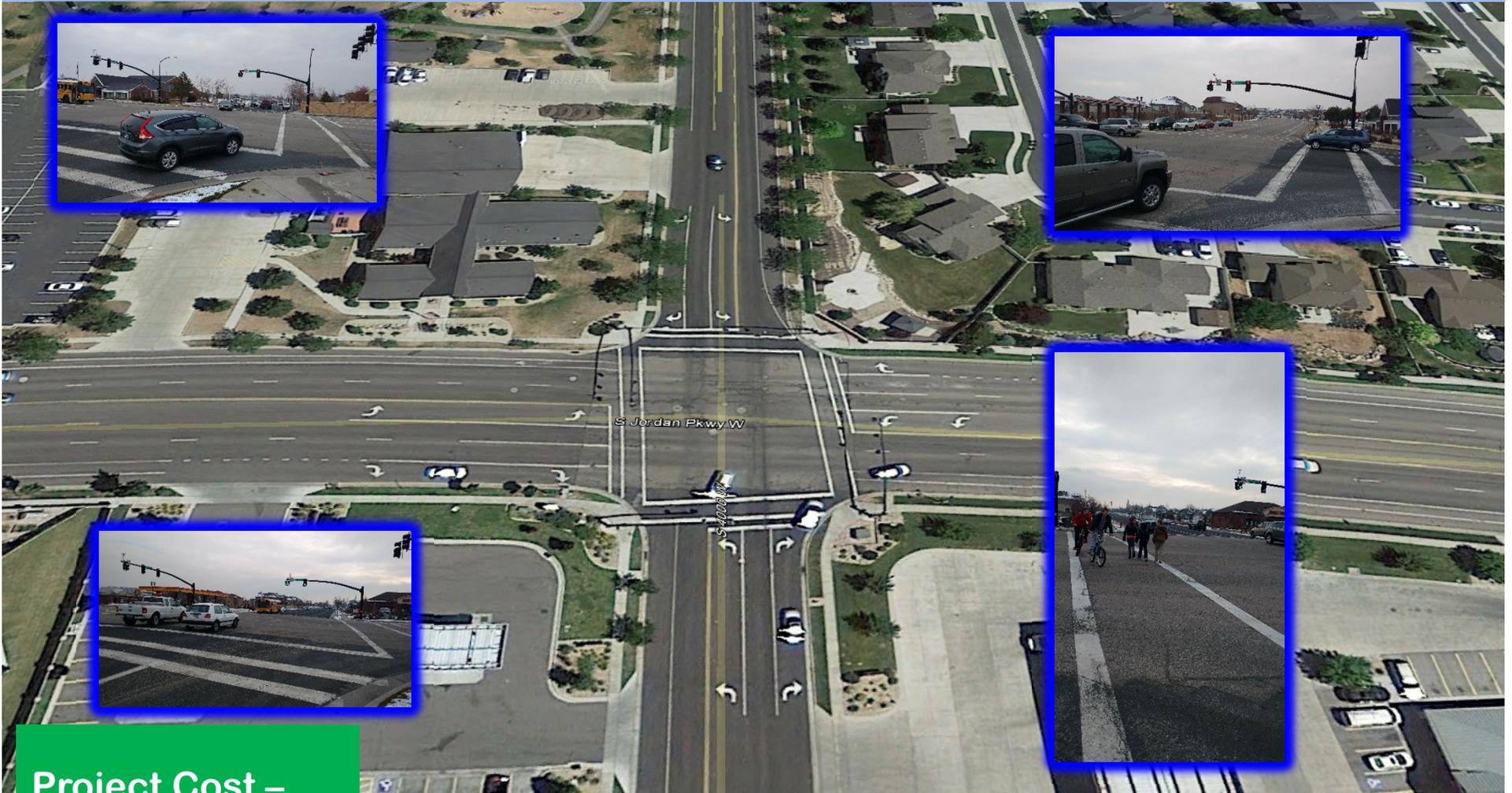
**Funds Request –
\$ 1,499,698**

Connect traffic signals via fiber or radio to enable signal metrics, improve traffic signal performance along corridors, reduce congestion, improve travel times and provide remote to facilitate real-time management of incidents or events.

South Jordan City – 10400 South and 4000 West

Project Type – Operations

Improve Intersection Geometry and add Left Turn Lanes



**Project Cost –
\$ 697,300
Funds Request –
\$ 650,093**

Intersection improvements to widen and include additional left turn lanes. Relocate any and all utilities and traffic signal system as necessary.

UDOT TOC – Bangerter Highway – 3 VMS Project Type – ATMS or ITS

Install Two Variable Message Signs Between 9000 South and Redwood Road



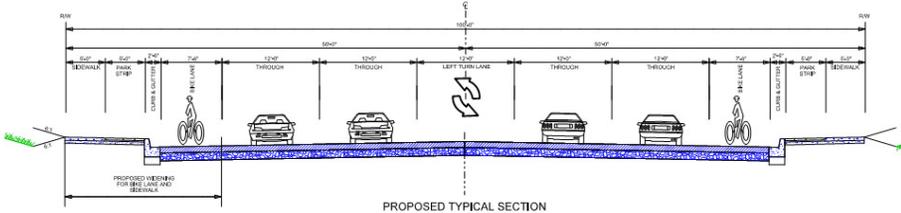
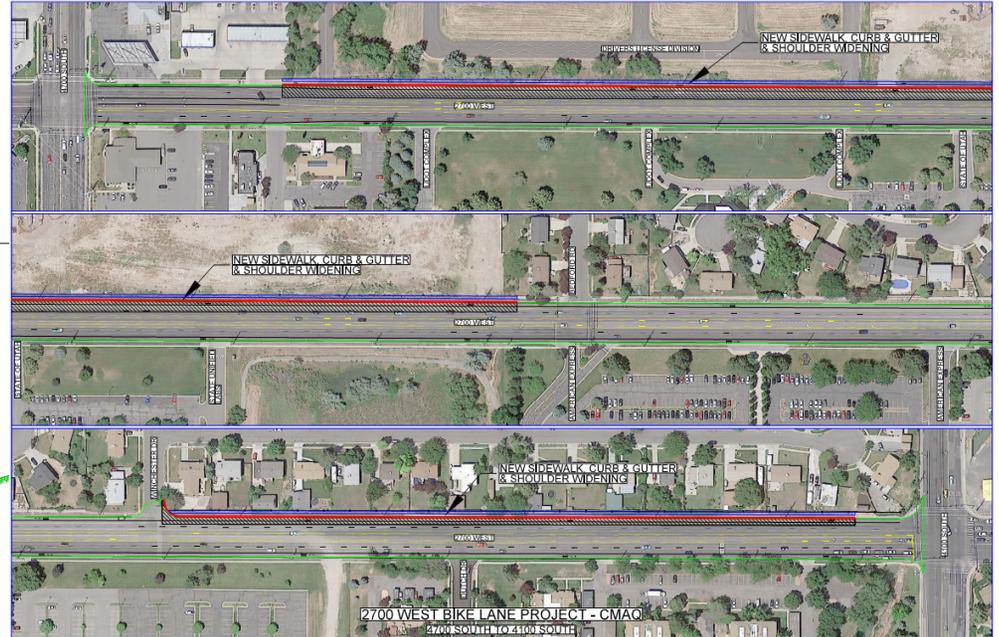
Bangerter Highway is increasingly being converted to a grade separated facility more akin to a freeway than an arterial. Driver info along this corridor is crucial to enabling travelers to make informed choices about their routes during incidents & inclement weather. Better choices result in less congestion & reduced pollution.

**Project Cost –
\$ 2,110,400
Funds Request –
\$ 1,968,458**

West Valley – 2700 West Bike Lane and Pedestrian Project

Project Type – Bicycle and Pedestrian

4700 South to 4100 South



2700 WEST BIKE LANE PROJECT
4700 SOUTH TO 4100 SOUTH

2700 West Bike Lanes - SR-201 to Bangenter Highway							
Segment From	Segment To	MP From	MP To	Length (miles)	AADT	Bike Lane Current Condition	Length of Gaps
3200 West at SR-201	2700 South	15.27	16.643	1.373 miles	5330	Striped Bike Lanes	
2700 South	3100 South	14.701	15.27	0.569 miles	9170	Striped Bike Lanes	
3100 South	3500 South	14.2	14.701	0.501 miles	14015	Striped Bike Lanes	
3500 South	3800 South	13.703	14.2	0.497 miles	15335	Striped Bike Lanes	
3800 South	4100 South	13.207	13.703	0.496 miles	15640	Bike Lanes Coming in 2018 with WVC Funding	
4100 South	4700 South	12.206	13.207	1.001 miles	15980	Narrow bike lane east side - No Shoulder west	3584 feet
4700 South	5400 South	11.209	12.206	0.997 miles	16945	Striped Bike Lane	
5400 South	6200 South	10.217	11.209	0.992 miles	11725	Striped Bike Lane	
6200 South	7000 South	9.218	10.217	0.999 miles	10115	Striped Bike Lane with Gaps	Road is wide enough, could be restriped
7000 South	7800 South	8.22	9.128	0.908 miles	10870	Wide Shoulder	Could be restriped
7800 South	9000 South	6.727	8.22	1.493 miles	8915	Wide Shoulder with Striped Bike Lanes	Could be restriped, partially striped
9000 South	10400 South	4.982	6.727	1.745 miles	6715	Striped Bike Lane with Gaps	1320 feet
10400 South	11400 South	3.737	4.982	1.245 miles	6760	Striped Bike Lane	
11400 South	12600 South	2.238	3.737	1.499 miles	7855	Narrow Segment	923 feet
12600 South	Bangenter Highway	0.723	2.238	1.515 miles	5125	Striped Bike Lane except very south end	2370 feet
				15.830 miles			



The project adds bike lanes and sidewalk from 4700 S to 4100 S on 2700 W. The project is a UCATS Top 25. This project will finish a 10 mile segment with continuous bike lanes on 2700 W. There are nearly 3600 feet of roadway with no shoulder, that will have bike lanes added to this segment.

Project Cost – \$ 1,900,800
Funds Request – \$ 1,632,271