



Transportation Improvement Program - Today . . .

4a. Action on the Board Modification

- To the 2023-2028 TIP

4b. Action to Recommend the Approval of the 2024-2029 Transportation Improvement Program (TIP) & Corresponding Air Quality Conformity Finding



4a - 2023-2028 TIP Board Modification

Trans Com
August 17, 2023

Ben Wuthrich
Wasatch Front Regional Council

Board Modification

New Project

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Tooele	UDOT	SR-112	19491	Highway 112 (SR-112) at 600 West	Install a new signal and construct right turn lanes	R2_TSP (Region Two Transportation Solutions Program)	\$1,500,000	\$0	New Project	\$1,500,000	2023-2024

The scope of the Highway 112 at 600 W project is to install a new signal and construct right turn lanes on SR-112 in the eastbound and westbound directions. Tooele City will widen the north and south legs of the intersection.

The scope of the Neffs Canyon Trailhead Improvements project is to resurface the Neff's Canyon Parking Lot and install new restrooms. This project was recently awarded \$800,000 from the Federal Consolidated Appropriations Act, 2023 and Millcreek City will provide the required matching funds.

The proposed project will support project development, final design, right-of-way acquisition, and construction activities to close a private at-grade crossing and build a non-motorized, ADA-compliant overpass over the Union Pacific rail corridor. The project will eliminate the need for residents to use a 2.5-mile detour to access schools and neighborhoods. The City of Bluffdale will contribute a 20 percent non-Federal match.

The scope of the Midvalley Hwy ROW project is to purchase needed right-of-way from the Tooele Army Depot. The time to work through this acquisition process could take up to three years.

The scope of the Ibapah Road Safety and Rehabilitation Project will: Rehabilitate the existing pavement, Install guardrails, Update traffic signs, and Upgrade drainage culverts
This project was recently awarded the following grants to help fund the project: **\$3,500,000** from the Federal Consolidated Appropriations Act, 2023, **\$254,156.39** from Tooele County for the local match, **\$6,030,695.20** from the Rural Surface Transportation Grant Program, **\$8,346,270.55** from the Nationally Significant Federal Lands and Tribal Projects

**Tooele – UDOT – Highway 112 (SR-112) at 600 West – Intersection Improvement
Install New Signal & Construct Right Turn Lanes**

**New Funding
\$ 1,500,000**

**Total Project Cost
Estimate \$ 1,500,000**

**Funding available through the
Region 2 Transportation
Solutions Program (R2_TSP)**

**New
Project**

- Project will install a new signal and construct right turn lanes on SR-112 in the eastbound and westbound directions.

Salt Lake – UDOT – Neff's Canyon - Trailhead Improvements

Resurface Trailhead Parking Lot and Install New Restrooms

New Funding
\$ 58,093 (Local Funds)
\$ 800,000 (FCAA-2023)

**Total Project Cost
Estimate \$ 858,093**

**Funding available through the
Federal Consolidated
Appropriations Act – 2023 &
Millcreek City Match**

**New
Project**

**- Project will resurface the Neff's
Canyon Trailhead Parking Lot and Install
New Restrooms.**

Salt Lake –
Proc

ian Facility
ion

At-grade Crossing
School

New Funding
\$ 646,400 (Local Funds)
\$ 3,232,000 (RCE)

Total Project Cost
Estimate \$ 3,878,400

Funding available through the
Railroad Crossing Elimination
(RCE) Program & Bluffdale City
Local Match

New
Project

- Project options include
construction of a Pedestrian/ Bicycle
Bridge over the Railroad, Canals, and
Jordan River

Hidden Valley
Middle School

ALTERNATIVE 6-SOUTHERN CROSSING-OVER JORDAN RIVER AND CANALS

Tooele – UDOT – Midvalley Highway - Right Of Way Purchase Needed Right of Way

New Funding
\$ 500,000

Total Project Cost
Estimate \$ 500,000

Funding available through the
State Transportation Investment
Funds (TIF)

**New
Project**

- This project is to purchase needed
right-of-way from the Tooele Army Depot.
This acquisition process could take up to
three years.

LIGNMENT 2

space between
historic architecture
illicit with UNEV
n-pressure
ie with 50'
rail crossing

LIGNMENT 4 (SHEEP LANE)

was developed
; feedback and is an
Sheep Lane,
sting corridor.
ing infrastructure
is a local road, not

irical architecture,
elopment, Utah
Campus
ct with UNEV
n-pressure
ie with 50'

rail crossing;
n future rail

LEGENDS:

- TOOELE DEPOT PROPERTY
- MIDVALLEY FREEWAY EASEMENT PERMIT AREA
(240,000 SQUARE FEET, 5.5 ACRES)

Tooele – UDOT – Ibapah Road - Safety and Rehabilitation Roadway and Safety Improvements

**New
Project**

- Project will Rehabilitate the existing pavement, Install guardrails, Update traffic signs, and Upgrade drainage culverts

**New Funding
\$ 18,131,122**

**Total Project Cost
Estimate \$ 18,131,122**

**Funding available through
multiple resources including;**

- **Federal Consolidated Appropriations Act, 2023**
 - **Tooele County**
- **Rural Surface Transportation Grant Program**
- **Nationally Significant Federal Lands and Tribal Projects**

Board Modification

Major bid differences from the engineer's estimate include increased project expenses in: traffic control cost, survey, untreated base course, and granular borrow. Region One recommends adding funds to the project in order to award the project to the apparent low bidder.

Weber – UDOT – US-89 - Pavement Rehabilitation
Wall Avenue (SR-204) to 2700 North (SR-134)

**New Funding
\$ 5,500,000**

**Total Project Cost
Estimate \$ 5,500,000**

**Funding available through the
High-Volume Pavement
Program**

**New
Project**

**- Project will remove and replace
1.5" of pavement, reducing the rutting and
restoring the pavement surface**

**Davis – UDOT – US-89 - Pavement Rehabilitation
SR-193 to Weber River**

**New Funding
\$ 5,400,000**

**Total Project Cost
Estimate \$ 5,400,000**

**New
Project**

**- Project will remove and replace
1.5" of pavement, reducing the rutting and
restoring the pavement surface**

**Funding available through the
High-Volume Pavement
Program**

**Weber – UDOT – Wall Avenue (SR-204) - Pavement Preservation
23rd Street to US-89**

**Additional Funding
\$ 3,600,000**

**Total Project Cost
Estimate \$ 5,100,000**

**Funding available through the
High-Volume Pavement
Program**

**Additional
Funding**

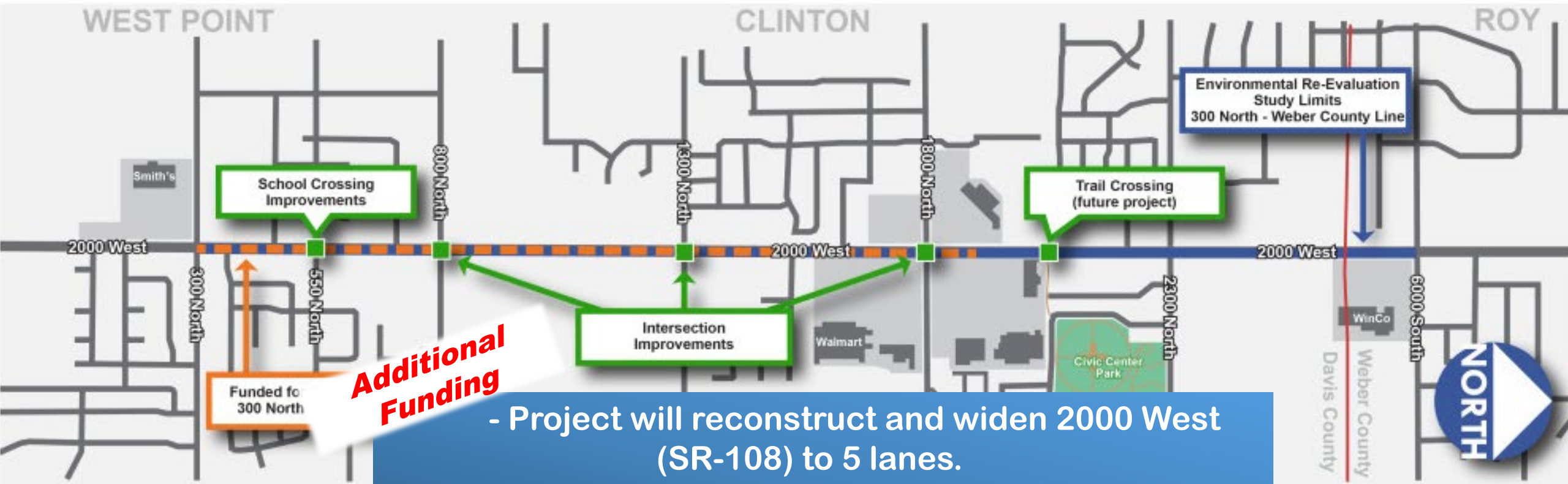
**- Project will complete a pavement
preservation application. The scope
includes placing 1" of bonded overlay**

Davis – UDOT – 2000 West (SR-108) - Reconstruct and Widen 300 North to 1800 North

Additional Funding
\$ 8,000,000

Total Project Cost
Estimate \$ 86,072,078

Funding available through the
State Transportation
Investment Funds (TIF)



**Additional
Funding**

- Project will reconstruct and widen 2000 West (SR-108) to 5 lanes.
- Increased project expenses are a result of traffic control cost, survey, untreated base course, and granular borrow

Board Modification

Transit Programs

UTA was selected in May 2023 to receive funding to buy 20 new light rail vehicles to replace older vehicles. The project will improve service reliability, safety and significantly improve the accessibility for riders by allowing direct low-floor access to the vehicles. UTA had budgeted \$60,000,000 to overhaul these vehicles over the next several years, but analysis has shown that replacing the vehicles costs less in dollars per year of useful life gained when compared with overhauling the existing vehicles. There are 20 more vehicles beyond these that were funded that will need to be replaced as well. UTA will continue to seek funding for those additional replacements.

Salt Lake/ West Valley Urban Area

This proposed project (PIN 20593) would perform a full bridge replacement of structure 035066D. The existing structure is currently in low-fair or poor condition. This structure is also on the Federal Aid Highway System. Therefore, this project will require a local agency match under the Bridge Formula Program (BFP). Holladay City is in support of the project and is able to provide the necessary match.

This proposed project (PIN 21293) would perform a full bridge replacement of structure 035035F. The existing structure is currently in low-fair or poor condition. This structure is also on the Federal Aid Highway System. Therefore, this project will require a local agency match under the Bridge Formula Program (BFP). Midvale City is in support of the project and is able to provide the necessary match.



**New
Project**

- To purchase 20 new light rail vehicles to replace older vehicles

New Funding

\$ 60,000,000 (FTA Replacement Program)

\$ 60,000,000 (UTA Funding)

Total Project Cost

Estimate \$ 120,000,000

Funding available through the
- FTA – Rail Vehicle
Replacement Program
- UTA Local Funding

Various – UTA – Low-emission Natural Gas Bus - Diesel Bus Replacement
Purchase 25 low-emission Compressed Natural Gas Buses

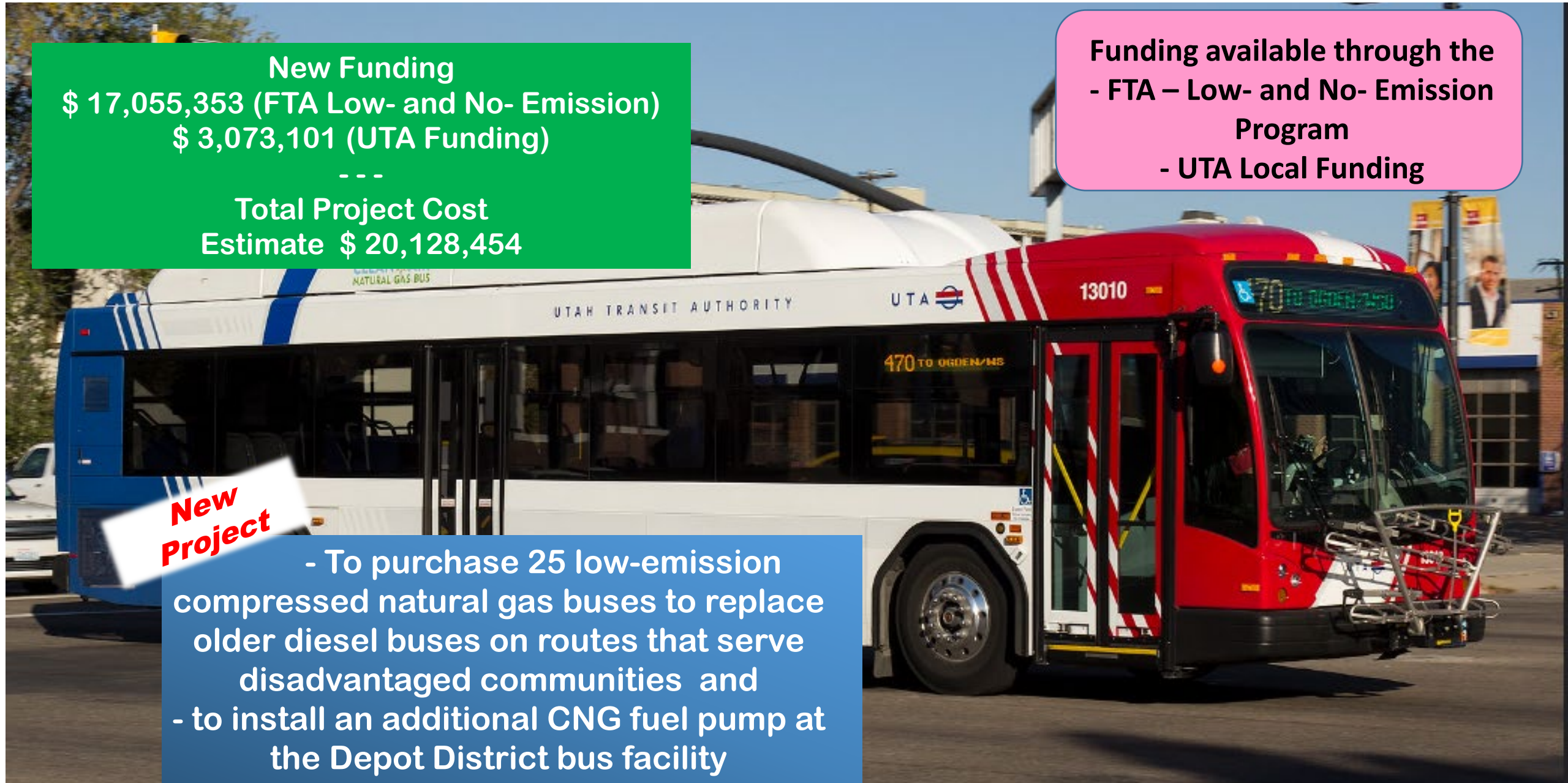
New Funding
\$ 17,055,353 (FTA Low- and No- Emission)
\$ 3,073,101 (UTA Funding)

Total Project Cost
Estimate \$ 20,128,454

Funding available through the
- FTA – Low- and No- Emission
Program
- UTA Local Funding

**New
Project**

- To purchase 25 low-emission compressed natural gas buses to replace older diesel buses on routes that serve disadvantaged communities and
- to install an additional CNG fuel pump at the Depot District bus facility



Salt Lake County – Replace Locally Owned Bridge in Holladay City

Structure 035066D on Highland Drive over Big Cottonwood Creek



New Project Funding
\$ 6,619,330 (BFP)
\$ 480,670 (Local Match)

Total Project Cost Estimate
\$ 7,100,000

**New
Project**

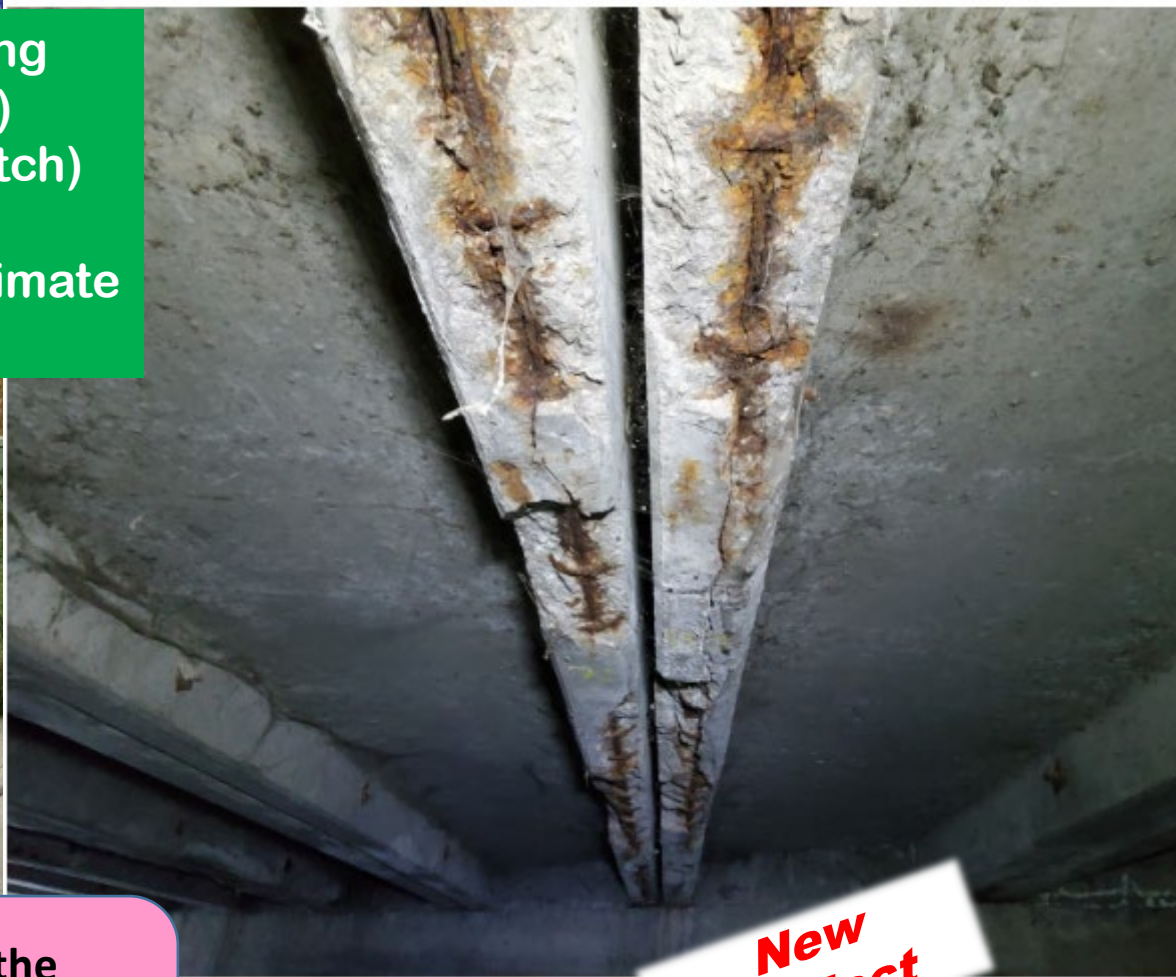
Project will perform full bridge replacements.

Funding Available from the Bridge Formula Program (BFP)
Holladay City will provide the Matching Funds

**MIDVALE ALL SMALL
AUTO WRECKING INC.**
LOT #13 DLB#2075 PHONE 801-561-2221
VALLEY SERVICE TOWING

New Project Funding
\$ 2,796,900 (BFP)
\$ 203,100 (Local Match)

Total Project Cost Estimate
\$ 3,000,000



**New
Project**

**Funding Available from the
Bridge Formula Program (BFP)**
**Midvale City will provide the
Matching Funds**

**Project will perform full bridge
replacements.**

2023-2028 Transportation Improvement Program (TIP) (Amendment Ten)

New Bridge Projects

Salt Lake/ West Valley Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	UDOT	13400 South	21295	Structure 035003D - 13400 South over Utah and Salt Lake Canals	Full Bridge Replacement	BFP_BR_MAIN (Bridge Formula Program - Main)	\$2,400,000	\$0	<i>New Project</i>	\$2,237,520	2023
						LOCAL_GOVT Local Government Funds (Matching Funds)				\$162,480	

This proposed project (PIN 21295) would perform a full bridge replacement of structure 035003D. The existing structure is currently in low-fair or poor condition. This structure is also on the Federal Aid Highway System. Therefore, this project will require a local agency match under the Bridge Formula Program (BFP). Riverton City is in support of the project and is able to provide the necessary match.

Salt Lake	UDOT	500 South Bridge	21309	Structure 035097F - 500 South over the Jordan River	Full Bridge Replacement	BFP_BR_MAIN (Bridge Formula Program - Main)	\$7,400,000	\$0	<i>New Project</i>	\$7,400,000	2023
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This proposed project (PIN 21309) would perform a full bridge replacement of structure 035097F. The existing structure is currently in a low-fair or poor condition. This structure is not on the Federal Aid Highway System. Therefore, no local agency match is required under the Bridge Formula Program (BFP). Salt Lake City has been contacted and is in support of the project.

Ogden/ Layton Urban Area

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Weber	UDOT	Country Road	21311	Structure 057038C - Country Road over South Fork of Ogden River	Full Bridge Replacement	BFP_BR_MAIN (Bridge Formula Program - Main)	\$1,900,000	\$0	<i>New Project</i>	\$1,900,000	2023

This proposed project (PIN 21311) would perform a full bridge replacement of structure 057038C. The existing structure is currently in a low-fair or poor condition. This structure is not on the Federal Aid Highway System. Therefore, no local agency match is required under the Bridge Formula Program (BFP). Weber County has been contacted and is in support of the project.

Box Elder County

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Box Elder	UDOT	Malad River	20308	Structure 003001F - Malad River Bridge, east of Portage	Full Bridge Replacement	BFP_BR_MAIN (Bridge Formula Program - Main)	\$8,900,000	\$0	<i>New Project</i>	\$8,900,000	2023
		5600 West		Structure 003024C - 5600 West 17600 North near Garland							
		West Canal		Structure 003026F - West Canal Bridge, 2.5 miles east of Fielding							
		Corine Canal		Structure 003028C - Corinne Canal Bridge, SE of Fielding							

This proposed project (PIN 20308) would perform a full bridge replacement of four structures **003001F, 003024C, 003026F, 003028C**. The existing structures are currently in a low-fair or poor conditions. These structures are not on the Federal Aid Highway System. Therefore, no local agency match is required under the Bridge Formula Program (BFP). Box Elder County has been contacted and is in support of all four projects.



2303 13400 S



Exit Street View

New Project Funding
\$ 2,237,520 (BFP)
\$ 162,480 (Local Match)

Total Project Cost Estimate
\$ 2,400,000

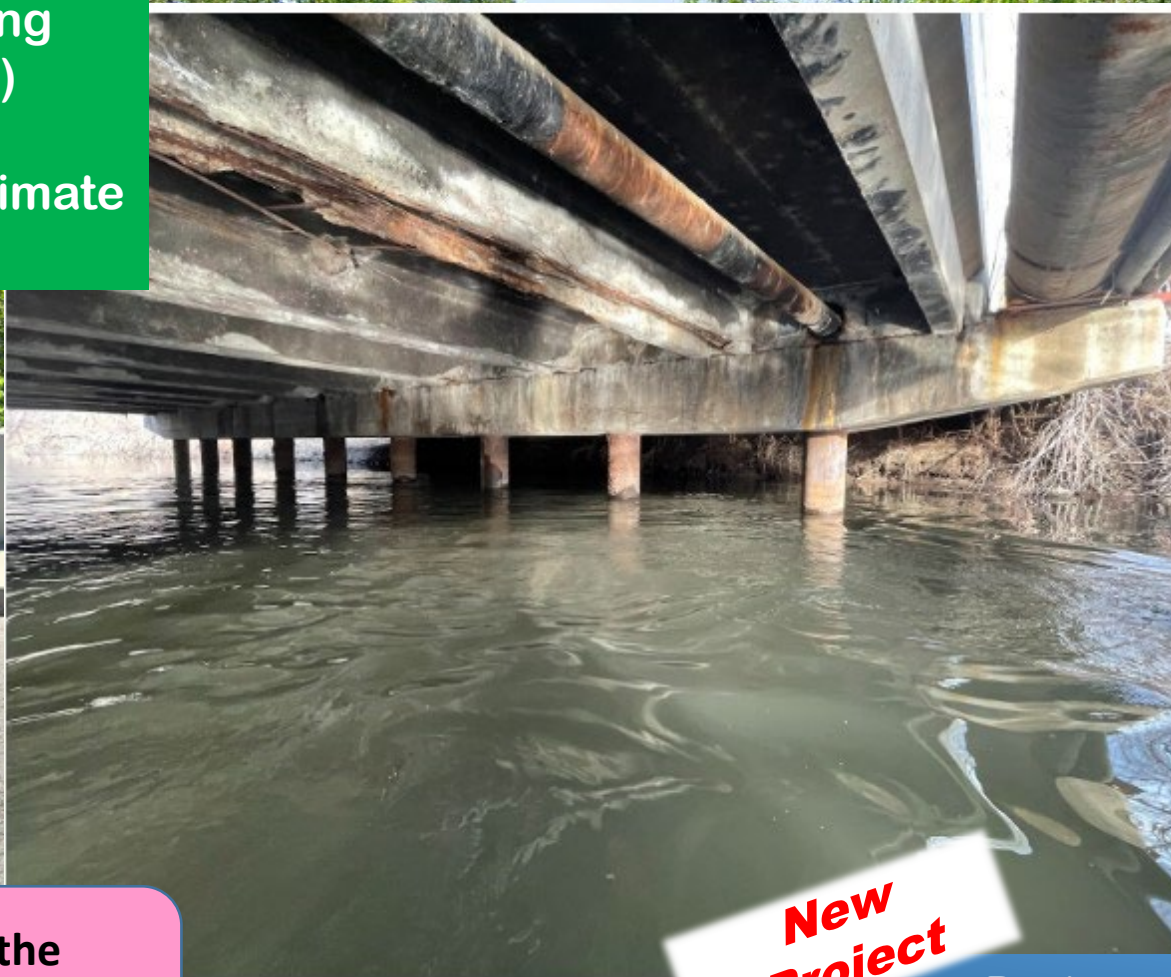
**New
Project**

**Project will perform full bridge
replacements.**

**Funding Available from the
Bridge Formula Program (BFP)
Riverton City will provide the
Matching Funds**

New Project Funding
\$ 7,400,000 (BFP)

Total Project Cost Estimate
\$ 7,400,000



**New
Project**

**Funding Available from the
Bridge Formula Program (BFP)**

**Project will perform full bridge
replacements.**

Weber County – Replace Locally Owned Bridge in Huntsville

Structure 057038C - Country Road over South Fork of Ogden River

New Project Funding
\$ 1,900,000 (BFP)

Total Project Cost Estimate
\$ 1,900,000

Funding Available from the
Bridge Formula Program (BFP)

**New
Project**

Project will perform full bridge
replacements.



Box Elder County – Replace Locally Owned Bridges in Box Elder County

Structures 003001F, 003024C, 003026F, 003028C

New Project Funding
\$ 8,900,000 (BFP)

Total Project Cost Estimate
\$ 8,900,000

**Funding Available from the
Bridge Formula Program (BFP)**

**New
Project**

**Project will perform full bridge
replacements.**





4b

**Action on the 2024-2029 Transportation Improvement &
Corresponding Air Quality Conformity Finding**

TIP 
2024-2029

Transportation Improvement Program is . . .

1. Six Year Program of Highway, Transit and Active Transportation Projects
 - Four Years Funded - Two Years Concept
2. In the Urban Areas
 - Salt Lake/ West Valley - Ogden/ Layton
3. Funded by
 - Federal, State, & Local Programs
4. For All Cities, Counties, UDOT & UTA

Transportation Improvement Program will . . .

1. Implement the Long Range Plans
 - Highway/ Transit & Active Transportation Projects for the Region
2. Help Meet the Short Range Needs
 - Of the Wasatch Front Area
3. Provide for the Maintenance
 - Of the Existing Transportation System



Transportation Improvement Program Contains

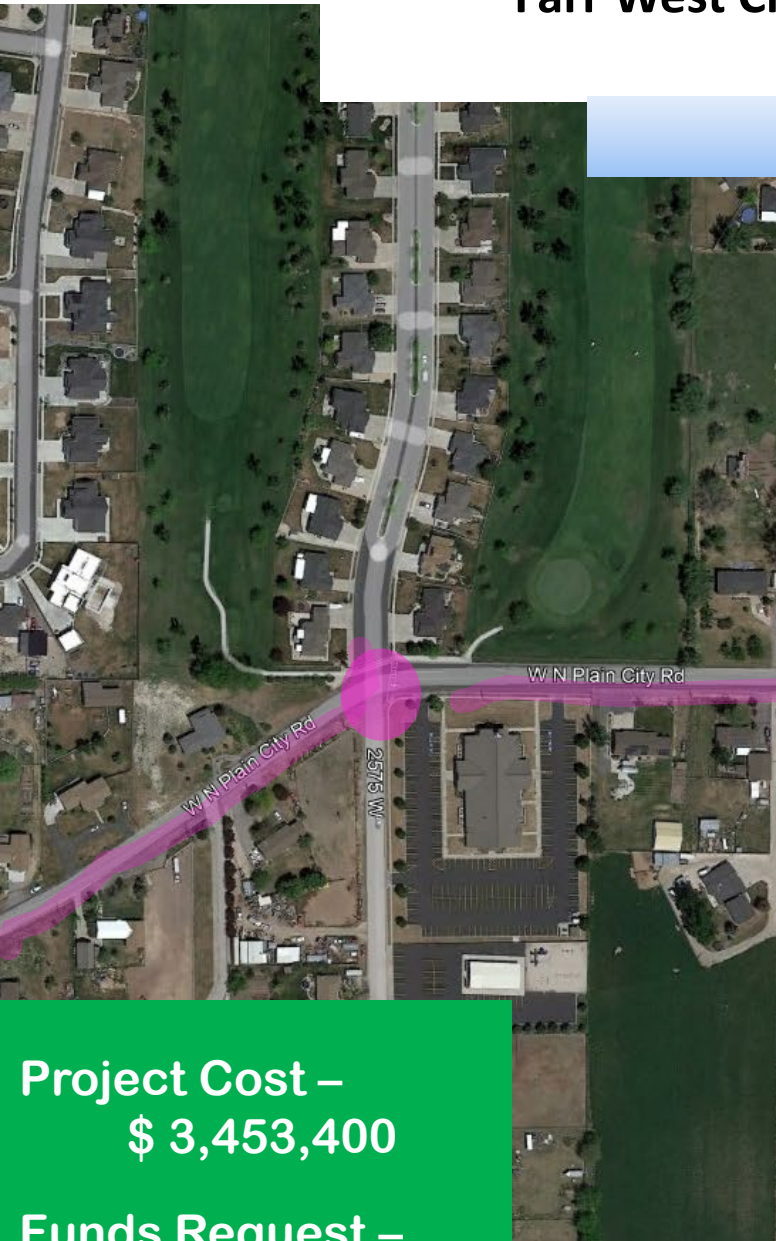
- Lists of Projects
- Including;
 - New Construction
 - Rehab & Maintenance
 - Safety/ ITS
 - Transit, O & M
 - Pedestrian & Bike

Summary of the TAC Recommended Projects for the Surface Transportation Program (STP)			
	Project Information		Funding Amount Recommended
Sponsor	Location/ Limits	Concept/ Type of Improvements	
Salt Lake \ West Valley Urbanized Area			10
Cottonwood Heights	Fort Union Blvd Roadway; Phippen Drive to 3160 East	Project will reconstruct Fort Union Blvd from 3160 East to accommodate bike lanes on both sides of the road, as well as intersection and ADA facilities, asphalt pavement, and a new 10-ft multi-use trail along the north-east side of Fort Union.	\$ 2,500,000
Draper City	Pioneer Road; 1300 East to 1650 East	The proposed project will reconstruct and widen this section of road to include 2 travel lanes, paved shoulders, curb and gutter, park strips, and sidewalks.	\$ 3,000,000
Emigration Metro Township	Emigration Canyon Roadway Safety Improvements between 5655 East to 9698 East	Construct a shared use path between Parley's trail (approximately 2000 South) to Liberty Park.	\$ 3,000,000
Herriman City	13400 S Roadway Widening; 6000 West to 6400 West	This project will enhance mobility by improving and adding travel lanes, curb, gutter, bike & pedestrian facilities in both directions.	\$ 3,000,000
Magna Metro Township	2700 South; 8054 West to 8000 West	Project will widen for a uniform cross-section with the installation of curb, gutter and sidewalk on the north side of 2700 S providing a safe route to school for the Pleasant Green Elementary school.	\$ 3,000,000
Millcreek City	2000 East; 3300 South to E. Atkin Avenue	Project will create a safer environment for all users including the reconstruction of disfunctioning curb & gutter, sidewalk, ADA ramps, enhanced bus stops, storm drain, and piping an existing irrigation ditch below grade from 3300 S SR #171 to Atkin Ave.	\$ 3,000,000
Salt Lake City Corporation	900 West; North Temple to 600 North	Roadway Reconstruction including improvements to enhance transit, pedestrian, bicycle, and access to opportunities for residents	\$ 3,000,000
South Jordan City	4000 W / South Jordan Parkway Intersection Improvements	Project to Improve Intersection Mobility by: - One additional through lane will be added to all 4 approaches - A second left turn lane will be added to the East & West approach - Right turn pockets will be added to the North and South approach	\$ 1,500,000
West Jordan City	9000 South; 6400 West to New Bingham Highway	The project will connect 9000 South from 6400 West to its proposed connection at 6200 West (NBH). 9000 South current alignment proceeds west from MVC curving southward towards Copperton. New alignment will continue the grid pattern to SR-111.	\$ 2,500,000
West Valley City	7200 West; 3500 South to Copper Hill Drive	Roadway Reconstruction w/ Minor Widening including curb & gutter, sidewalk, ADA ramps, enhanced bus stops, and installation of new storm drain	\$ 2,400,000
			\$ 26,900,000

Farr West City – 3300 North – Round-about/ Road Widening – Phase I

Project Type - Reconstruction

3300 North between 2700 West and 2575 West – (0.231 miles)



Project Cost –
\$ 3,453,400

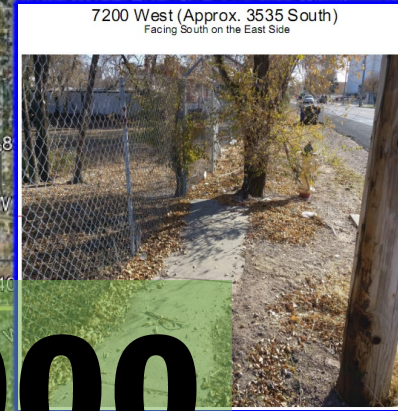
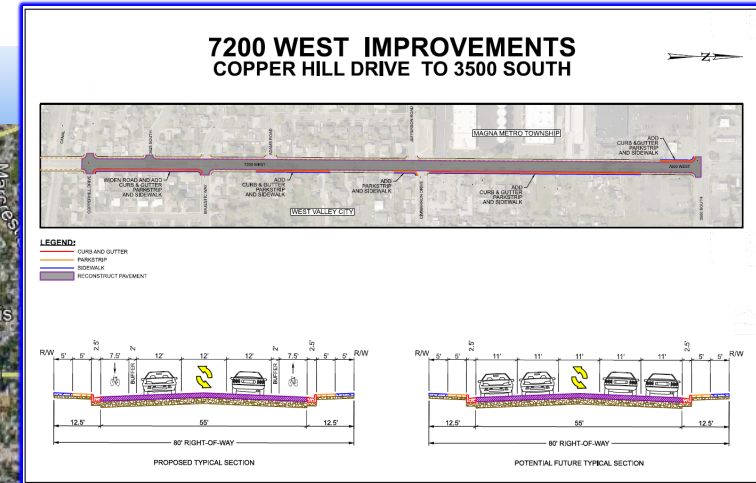
Funds Request –
\$ 2,403,842

Phase 1 of this project will improve the 3300 North corridor from the western city limit at 2700 West to 2575 West and will improve the 2575 West 3300 North intersection with a new roundabout.

West Valley/ Magna – 7200 West – Reconstruct w/ Minor Widening

Project Type – Reconstruct

3500 South to Copper Hill Drive – (0.62 miles)



\$ 2,400,000

**Project Cost –
\$ 7,670,900**

**Funds Request –
\$ 2,435,764**

This project is necessary to meet current needs, reduce flooding and to accommodate future growth in the southwest portion of West Valley City and Magna. This project will improve safety and will complete curb, gutter and sidewalk through this corridor. The user experience will be enhanced through pavement improvements.

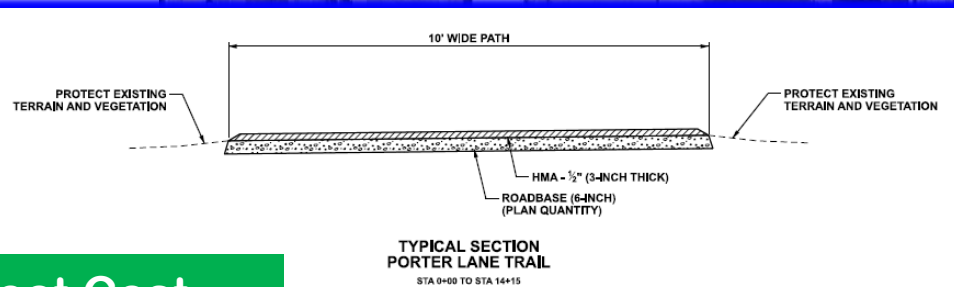
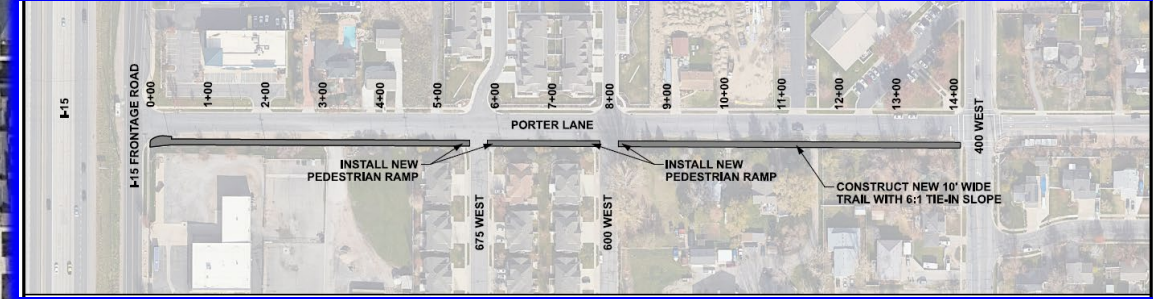
Summary of the TAC Recommended Projects for the Transportation Alternatives Program (TAP)			
Sponsor	Project Information		Funding Amount Recommended
	Location/ Limits	Concept/ Type of Improvements	
Salt Lake\ West Valley Urbanized Area			5
Herriman City	Rosecrest Bike Lane Installation	Install Buffered Bike Lanes on Rosecrest Rd from 13400 S to Mtn View Corridor.	\$ 389,608
Kearns Metro Township	4220 West Sidewalk between 5415 South and 5500 South	Safe Routes to School - Construct Missing Sidewalk	\$ 122,131
Millcreek	S Birch Drive; Upland Drive to 3900 South	Project will create a safer environment for all users with the construction of curb and gutter, sidewalk, and ADA ramps.	\$ 758,333
West Valley City & Taylorsville	3900 South Bike Lanes	Project improves the pavement section between Redwood Road and the Jordan River, adding buffered bike lanes, a 10' trail, street lighting and connecting sidewalk.	\$ 1,129,817
White City Metro Township	Sego Lily Crossing at 1300 East	The project will reconstruct the NW corner of the intersection to allow an ADA compliant ped ramp and move the school crossing there.	\$ 1,033,175
			\$ 3,433,064

Centerville City – Porter Lane (400 So) Multi-Use Trail – Phase I – New Trail

Project Type – Capital Improvement

400 West to South Frontage Road – (0.26 miles)

\$ 151,250



**Project Cost –
\$ 302,500**

**Funds Request –
\$ 151,250**

Davis County will be enclosing a channel in the next year or two on the south side of the road. We would like to put in a multi-use trail to connect 400 West to the Frontage Road on top of the enclosed channel. This will be part 1 of 2. We intend to extend the trail east to Main Street soon after.



Herriman City – Rosecrest Bike Lane Installation – Bike\ Ped Facility

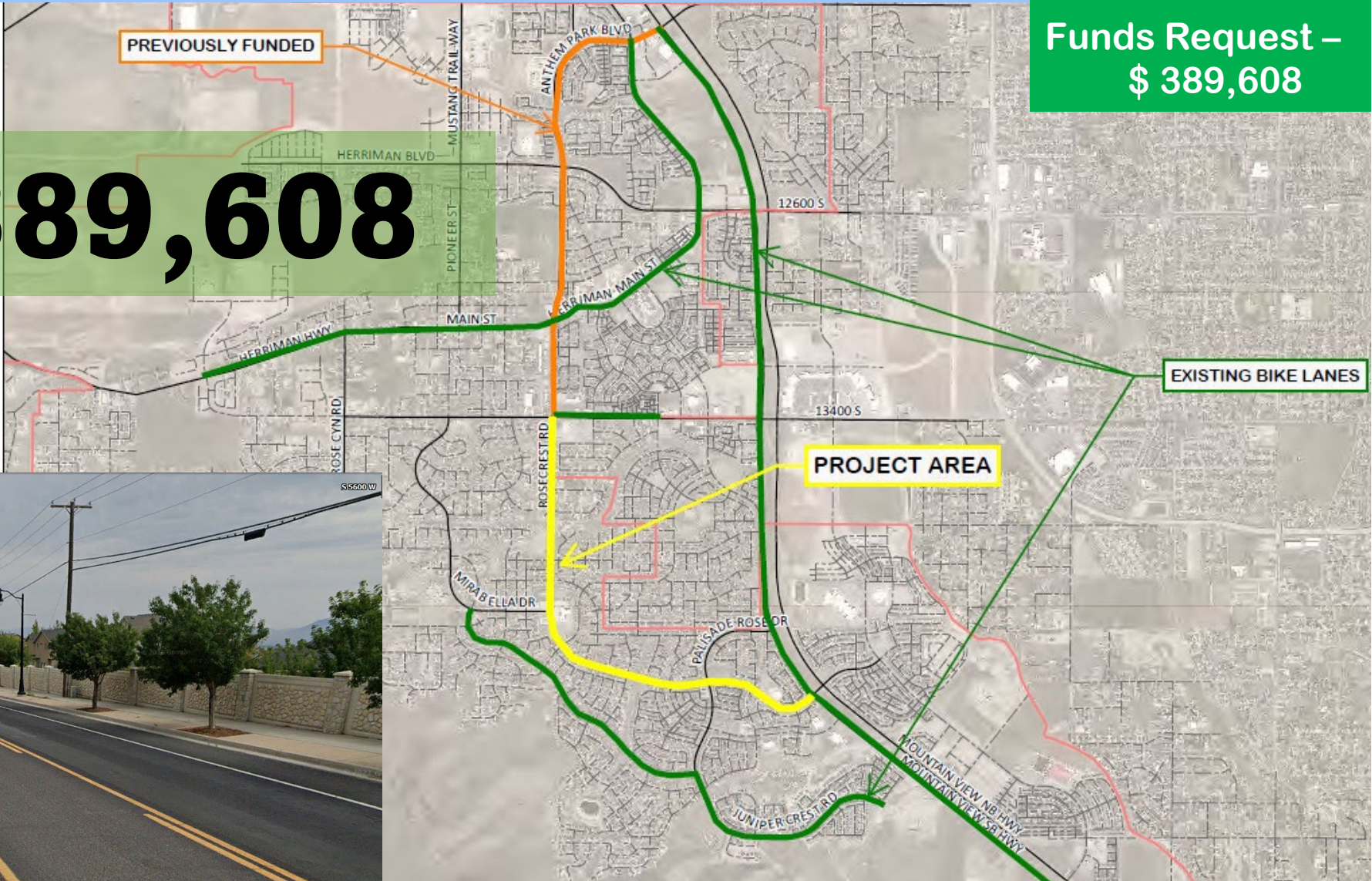
Project Type – Capital Improvement

13400 South to Mountain View Corridor – (2.5 miles)

Project Cost –
\$ 417,900

Funds Request –
\$ 389,608

\$ 389,608



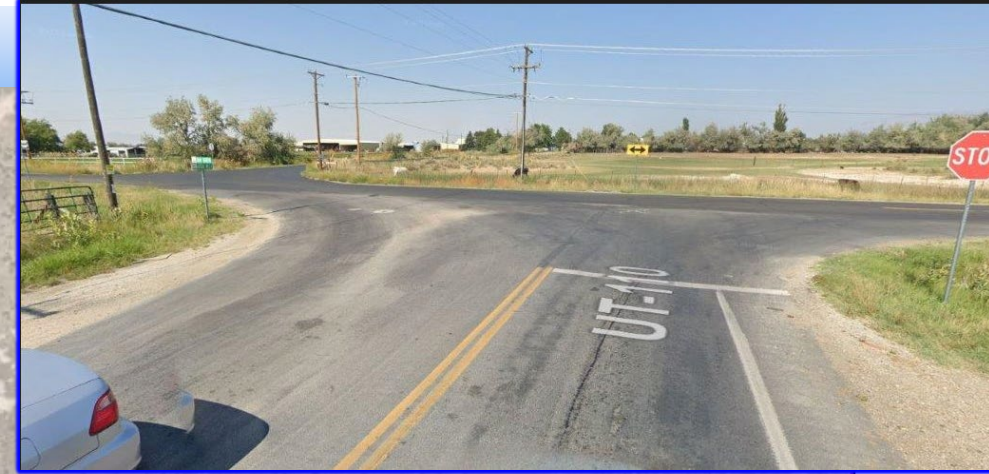
Install Buffered Bike Lanes on Rosecrest Road from 13400 South to Mountain View Corridor.

Summary of the TAC Recommended Projects for the Carbon Reduction Program (CRP)			
Sponsor	Project Information		Funding Amount Recommended
	Location/ Limits	Concept/ Type of Improvements	
Ogden \ Layton Urbanized Area			3
Roy City	Roy Municipal Building Electric Vehicle Charging Stations	Install four (4) electric vehicle charging stations at the Roy City Municipal Building and are intended to be used by Roy City Employees and residents visiting the Municipal Building.	\$ 93,696
Syracuse City	Antelope Trail, Phase 1 - Antelope Drive between West Davis Corridor and the Causeway	A shared use trail will allow people to bike from existing neighborhoods to the Island, rather than drive to the existing park and ride near the booth. Additionally, this phase of trail will provide access between existing and future neighborhoods along Antelope, and provide a safe route for students biking and walking to Buffalo Point Elementary School.	\$ 349,906
West Point	1800 N/4500 W Round-About	This Project will re-align two offset intersections and construct a round-about intersection to eliminate delays.	\$ 1,013,690
			\$ 1,457,292
Salt Lake\ West Valley Urbanized Area			3
City of Holladay	Signal Optimization Enhancements	Replace signal equipment at 19 targeted intersections to support signal optimization, reducing carbon emissions, improving travel time and updating signal timing standards.	\$ 1,074,755
Cottonwood Heights	Highland Drive - Protected Trail Project	Project will construct an 8-ft asphalt trail on the east side of Highland Drive from Fort Union Blvd to Villare Ave. connecting to the trail being constructed as part of the Highland Drive/Bengal Blvd Project.	\$ 1,952,516
Utah Transit Authority (UTA)	On-Route Charging Infrastructure for 2 chargers	On-route chargers at key locations enables electric buses to be deployed in more locations without concerns about a bus being limited by charge range.	\$ 1,500,000
			\$ 4,527,271

West Point – 1800 North/ 4500 West – Round-about

Project Type – Operations

1800 North & 4500 West



Project Cost –
\$ 2,087,300

Funds Request
\$ 1,013,690

\$ 1,013,690

This is a busy intersection of two state highways. Currently the north and south legs of the intersection are offset by about 100 ft. This project is needed to align the intersection and create a more efficient intersection to eliminate delays.

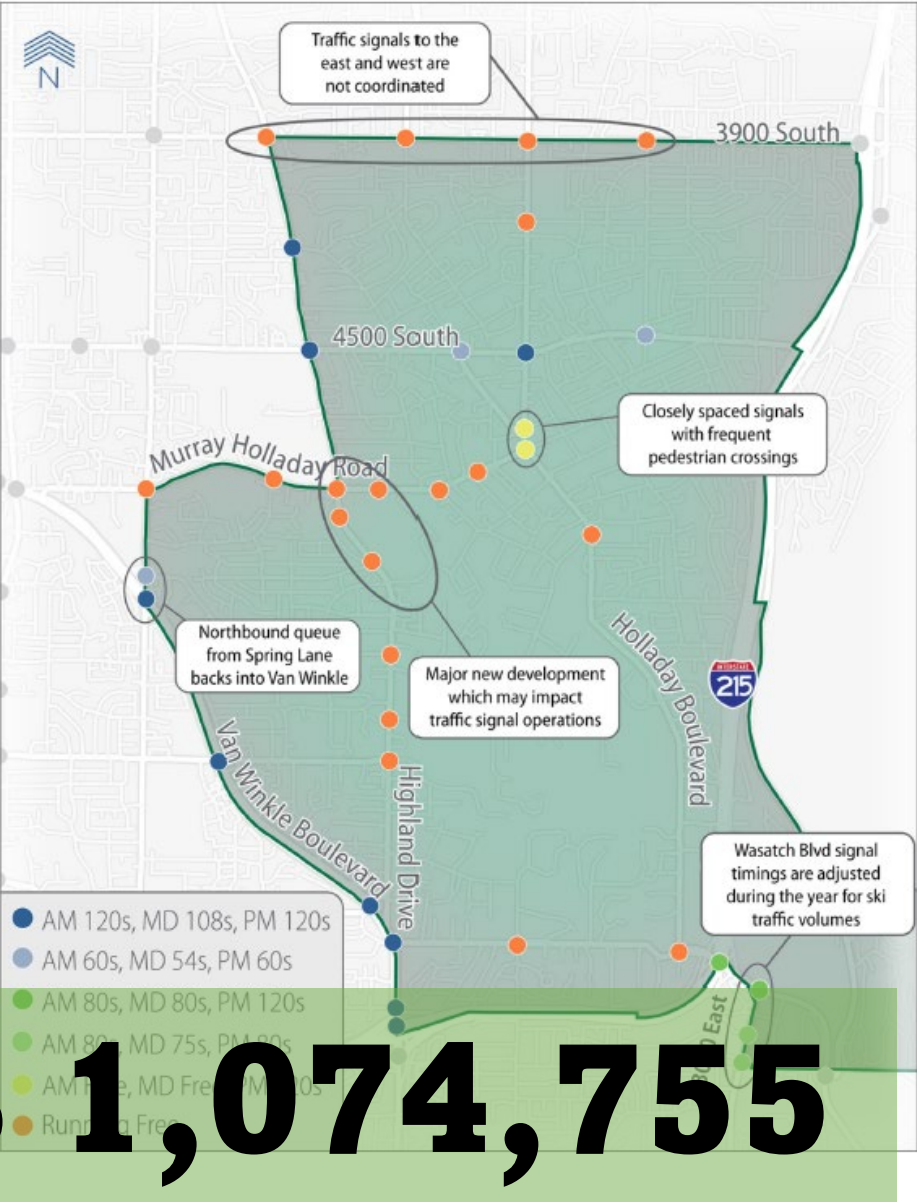
Holladay – Signal Optimization Enhancements

Project Type – Operations



Table 1: Holladay City Intersection Improvements		
Holladay Boulevard / 2300 East	Phylden Ln	Replace signal cabinet
	Lincoln Lane	Replace all signal heads, LEDs, mounts
		Replace Auto LEDs
		New Cobalt controller
		Upgrade loop & video detection to radar detection
		New Cisco Switch
		Replace pedestrian button assemblies
		Replace pedestrian head assemblies
		Install 11' pedestrian pole
		Replace pedestrian LED modules
		New Power Service, RMP

Table 1: Holladay City Intersection Improvements		
Corridor Intersections	Recommendations	
3900 South	2700 East	Install snow visors on matrix radars
	2300 East	Raise cabinet foundation (Metal Extension)
	2000 East	New Cobalt signal controllers
		Replace all Auto LEDs
Murray-Holladay Road		New Cisco Switch
		Add 2" reflective backplate tape
	1945 East	Replace signal cabinet
	Viewmont	Replace signal heads, LEDs, mounts, align heads with lanes
	2200 East	Replace Streetlights with LED
	(Fire Station)	New Cisco Switch
	2300 East	Replace failed loops, video/loop detection with radar
	1665 East	Replace CATS ped wire
		New Cobalt signal controllers
		Replace SO cord cable (signal heads)
		Replace pedestrian LEDs
		Add pedestrian striping
		Replace pedestrian button assemblies
		Replace pedestrian chirps with Audible Buttons
		Replace pedestrian pole with Streetlight & Lighting
		New power service, RMP (Rocky Mountain Power) pedestal
		New T3 cabinet junction box
		Add 2" reflective backplate tape

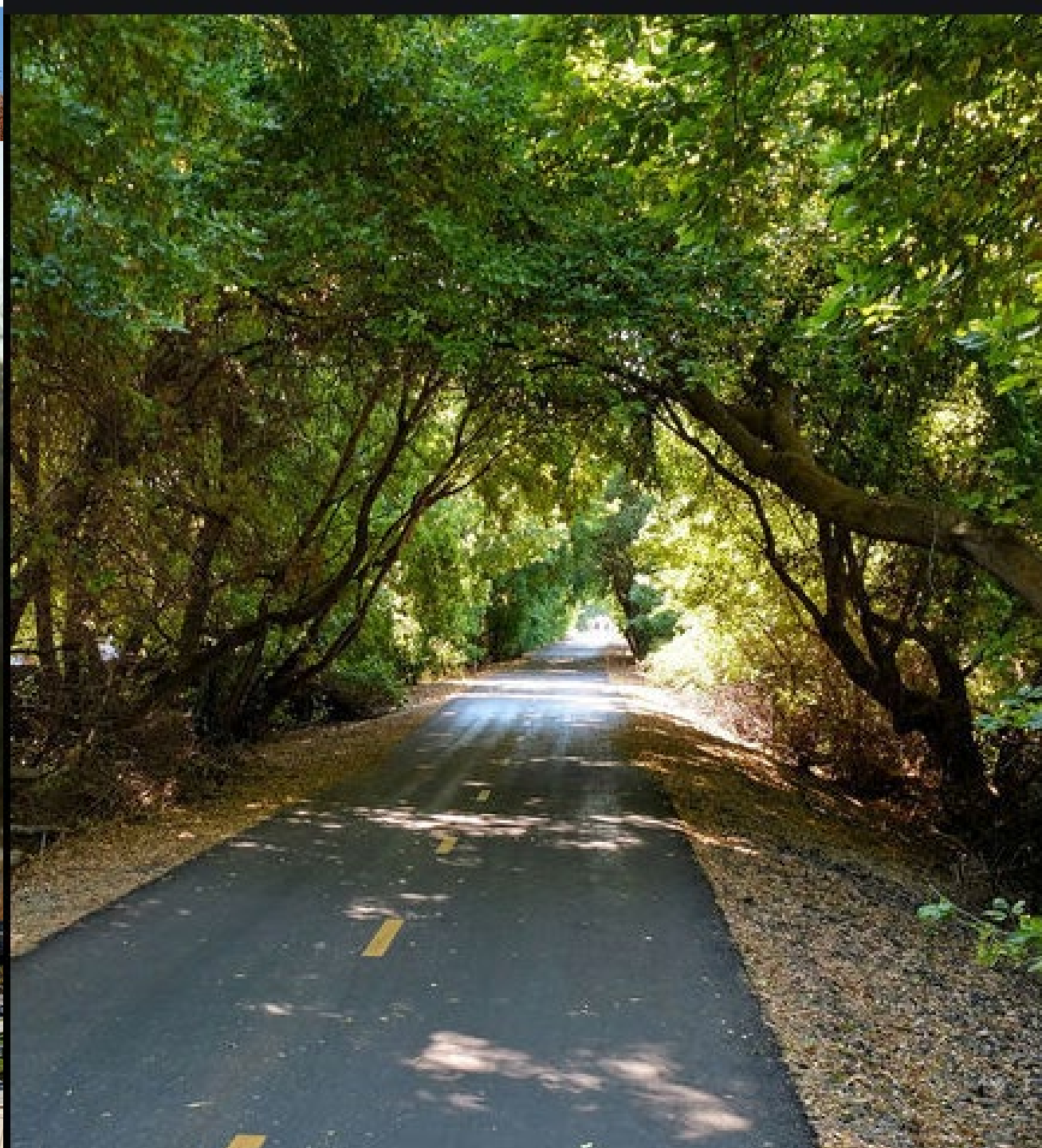


\$1,074,755

**Project Cost –
\$ 1,152,800**
**Funds Request –
\$ 1,074,755**

As recommended in recent study completed by Holladay, signal equipment at #19 targeted intersections require replacement to support signal optimization, thus reducing carbon emissions, improving travel time and updating signal timing standards.







Projects in the TIP:

- **Represent \$ Millions**
- **Thousands of Jobs**
- **Economic Growth & Development**
- **Mobility/ Access**
- **Preservation of Life**
- **And Promote the Quality Of Life**

Federal Law Requires:

- **Financially Constrained**
- **Conform To Air Quality**
- **Reviewed By the Public**
- **Approved by Regional Council**

Air Quality Memorandum - draft

REPORT NO. 41a

DATE June 15, 2023

SUBJECT CONFORMITY ANALYSIS FOR THE WFRC 2024-2029 TRANSPORTATION IMPROVEMENT PROGRAM.

ABSTRACT The Infrastructure Investment and Jobs Act (IIJA) and the Clean Air Act Amendments (CAAA) require that all regionally significant highway and transit projects in air quality non-attainment and maintenance areas be derived from a "conforming" Regional Transportation Plan and Transportation Improvement Program. A conforming Plan or Program is one that has been analyzed for emissions of controlled air pollutants and found to be within the emission limits established in the State Implementation Plan (SIP) or within guidelines established by the Environmental Protection Agency (EPA) until such time that a SIP is approved. This conformity analysis is made by the Wasatch Front Regional Council (WFRC), as the Metropolitan Planning Organization for the region, and submitted to the Federal Highway Administration (FHWA) and the Federal Transit Administration (FTA) for their concurrence. This conformity analysis is being prepared according to the transportation conformity rulemaking promulgated by the Environmental Protection Agency (EPA) as of April 2012 and according to FHWA guidelines found in the IIJA legislation.

Section 93.122(g)(1) of the Transportation Conformity Rule (40 CFR part 93) states that a new TIP may be demonstrated to conform "... without new regional emissions analysis if the previous regional emissions analysis also applies to the ... TIP." Section 93.122 includes the following four conditions. First, the TIP must include all projects that must be started within the TIP time frame in order to achieve the transportation network envisioned in the plan. Second, all regionally significant projects in the TIP must be included in the regional emissions analysis. Third, the design concept and scope for TIP projects must not have changed significantly from the plan. And fourth, the previous regional emissions analysis is consistent with all conformity requirements. As discussed below, the WFRC 2024-2029 TIP meets the conditions of CFR 93.122(g)(1) and therefore conforms to the State Implementation Plan and the EPA guidelines for interim conformity for all applicable non-attainment and maintenance areas and pollutants. Therefore, all the transportation projects in southern Box Elder, eastern Tooele, western Weber, Davis, and Salt Lake Counties included in the 2024-2029 TIP are found to conform.

2023

January		
Su	M	Tu
1	2	3
8	9	10
15	16	17
22	23	24
29	30	31

February

March

April		
Th	F	Sa
		1
6	7	8
13	14	15
20	21	22
27	28	29

Su	M	Tu
	1	2
7	8	9
14	15	16
21	22	23
28	29	30

TIP

2024-2029

st	Th	F	Sa
	3	4	5
	10	11	12
	17	18	19
	24	25	26
	31		

Next Round

Su	M	Tu
3	4	5
10	11	12
17	18	19
24	25	26

22	23	24	25	26	27	28
29	30	31				


19	20	21	22	23	24	25
26	27	28	29	30		

17	18	19	20	21	22	23
24	25	26	27	28	29	30
31						

Projects for the 2025 – 2030 TIP Process



Provide Feedback



TRANSPORTATION
IMPROVEMENT
PROGRAM

To comment on a project:

Click on a project on the map.
Click the 'Leave Comment' button
and complete the form.

To provide a general comment:

Complete the [general comment form](#).

This map contains most of the projects and programs that are included in the TIP. Some of the projects and programs are impractical to include in the map, but can be located in the [TIP tables](#). These include projects without a single geographic location, as well as programs with numerous small projects, such as maintenance programs.

Learn more about [the TIP](#) ...

Learn more about [the RTP](#) ...

Learn more about [FFY 2022 Obligations](#) ...

Learn more about [Federal Funds Obligated](#) ...

Interactive Map Comments - Project Specific

	Comment	Project Description
1	I am extremely in favor of this pedestrian bridge being built. I have taught at Heartland Elementary for many years. We are a title one school. We are also a walking school. <u>Busses</u> only bring children with special needs, meaning almost all of our student body walks to school. My classroom window faces 7000 S. I am always nervous about our students crossing 7000 S to come to school or participate in school activities. There is a crossing guard on duty before and after school. We also have summer breakfast and lunch, before and after school activities, and some evening activities. Most are limited to times a crossing guard can be on duty. A bridge would allow students to come to and go from school safely at any time. In addition to Heartland students, many community members are accessing 7000 S all day long; middle and high school students, shoppers at Smiths, bikers, runners, etc. PLEASE consider making this community by a BUSY road safer for everyone! Thank you.	7000 South & 1500 West Pedestrian Bridge
2	I have been a member of this community for the past eight years, as I have been a teacher at Heartland Elementary. Our students need a safe way to get to school, as our school is a walking school (meaning all students that come to us either get dropped off by a parent/guardian or walk to school). It is vital that this project gets funded and done in a timely manner so our children in the community can get to and from school safely. I have had many close calls with people driving too fast and not obeying the speed limit, during school hours and outside of school hours on this road, it is too busy of a road, not to be supporting the safety of our children.	7000 South & 1500 West Pedestrian Bridge
3	I am thrilled about this project. Cars do not want to slow down on this busy road. I have witnessed close calls with cars and pedestrians. This will be a wonderful addition to this community who relies heavily on alternative forms of transportation. Heartland Elementary students and families will greatly benefit, <u>due to needs</u> of students to gain access to food and after school programs.	7000 South & 1500 West Pedestrian Bridge
4	Please build the pedestrian bridge! It has been promised to our community. It will help with the flow of traffic, vs a crosswalk, but more importantly the safety of our school children and community. I have seen the positive effects of a similar bridge across redwood at 7575 south. My younger sister was hit by a car crossing the street before that bridge was built. She survived, fortunately, but not without extensive medical care and lifelong consequences. Heartland has not yet had such tragedies, but near misses avoided only by vigilant crossing guards and divine blessings. Additional use after school hours by the community, especially the children will be so much safer than currently, when we have to rely on a flag and a prayer that drivers will look up and let us cross the street. The beauty and welcoming nature of a bridge also is a bonus! We as a PTA and SCC have met and communicated with our West Jordan city officials, Jordan District reps., parents, and others. It's time now	7800 So Jordan River Pedestrian Bridge at 1100 W
5	This bridge is crucial to the safety of these elementary kids! Heartland is a "walking school"...lets allow them to walk safely. We have been fighting to have this installed since my recent high school graduate was a 1st grader! The land is ready, the bridge is built...lets get it installed! Dark fall mornings and rising sun summer mornings make seeing the crossing guards, lights and children difficult. Heartland serves as a phenomenal community resource (after school programs, summer lunch)...this bridge will allow safe crossing no matter what time of day or year.	7000 South & 1500 West Pedestrian Bridge



Public Comment



**Project
Management
Meetings**



**Appropriate
Project
Action**



FUNDING & TECHNICAL ASSISTANCE PROGRAMS FISCAL YEAR 2024



WASATCH FRONT REGIONAL COUNCIL

Capital Transportation Improvement Programs

- Surface Transportation Program (STP)
- Congestion Mitigation Air Quality (CMAQ)
- Carbon Reduction Program (CRP)
- Transportation Alternatives Program (TAP)

Planning Assistance Programs

- Transportation & Land Use Connection Program (TLC)
- Station Area Plan Technical Assistance (SAP)

Other Federal Grants

- Community Development Block Grant Program (CDBG)
 - Mandatory How to Apply Workshop held each fall
- Community Impact Board (CIB)
 - Ongoing application cycle
- Wasatch Front Economic Development District (WFEDD)

WFRC Funding Program Deadlines

Deadlines apply to:

Surface Transportation Program - **STP**

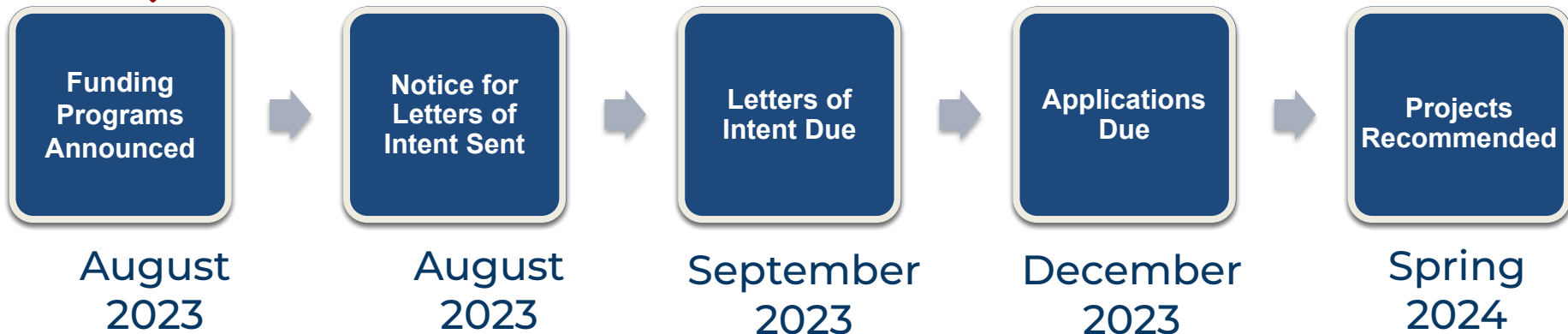
Congestion Mitigation Air Quality - **CMAQ**

Carbon Reduction Program - **CRP**

Transportation Alternatives Program - **TAP**

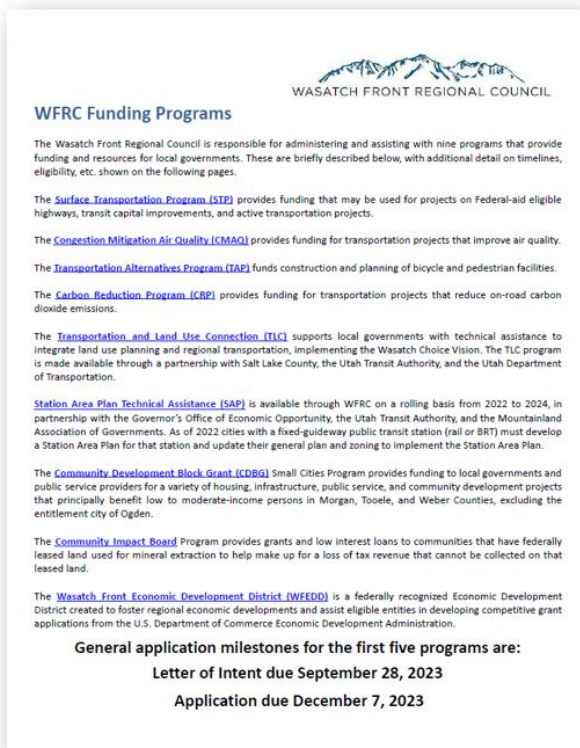
Transportation & Land Use Connection Program - **TLC**

We're Here



For more information...

Link to packet: bit.ly/2023wfrcfunding



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