



Transportation Improvement Program - <u>Today . . .</u>

4a. Action on the Board Modification

To the 2024-2029 TIP

4b. Action to Recommend the Approval of the 2025-2030 Transportation Improvement Program (TIP) & Corresponding Air Quality Conformity Finding

4a - 2024-2029 TIP Board Modification

Trans Com August 15, 2024

Ben Wuthrich Wasatch Front Regional Council



2024-2029 Transportation Improvement Program (TIP) (Amendment Five)

Board Modification

New Project

Salt Lake 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	Sandy	SR-209 Ped Bridge	22021	SR-209, Quarry Bend Pedestrian Bridge (Sandy)	Construct Grade-separated crossing over 9000 South and connect sidewalk to Sandy Canal Trail	ST_TIF_ACT (Statewide - Transportation Investment Funds - Active Funds) CMAQ_WFRC Congestion Mitigation/ Air Quality (WFRC Area) LOCAL_GOVT Local Government Funds	\$9,982,667	\$3,721,592 \$270,248	New Project / Additional Funding	\$5,989,600	2024

The SR-209; Quarry Bend Pedestrian Bridge project is located adjacent to the Quarry Bend Park in Sandy City. The project includes a grade-separated crossing over SR-209 (9000 S) at Quarry Bend (900 E) and sidewalk to connect into existing Sandy Canal Trail. This will also connect the residential area of the south to the retail and recreational areas north of SR-209.

Salt	t Lake	UDOT	SR-186	21179	Capitol Hill Roundabout	Reconfigure Intersection at 300 North and State Street (SR-186)	DFCM (Department of Facilities Construction & Management)	\$2,510,000	\$300,000	New Project / Additional Funding	\$2,210,000	2024	
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The scope of the project is to reconfigure the intersection at 300 North and State Street (SR-186). The initial project value provided funding for design and the additional funds are to allow for construction. The project is funded through the Department of Facilities Construction & Management and was approved by the Capitol Preservation Board.

Additional Funding

Salt Lake 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	Cottonwood	Bengal Blvd	18816	Bengal Blvd; Highland Dr to	Intersection Improvements - Turning	STP_URB_SL Surface Transportation Program - Urban Area Salt Lake (WFRC)	\$3,100,000	\$1,989,715	Additional Funding	\$891,092	2024-2029
San Lake	Heights	Bengai Bivu	18810	2160 E	movements & Bike Lanes	LOCAL_GOVT Local Government Funds	\$3,100,000	\$153,324	Additional Funding	\$65,869	2024-2029

This project will add a second left turn lane for westbound Bengal Boulevard at the existing intersection with Highland Drive and widen the south side of Bengal Boulevard to accommodate merging traffic from Highland Drive. The project will also construct a 10' ped and bike facility on the northside of Bengal Boulevard and install bypass bike lanes at the intersection to connect Type II Bike Lanes on Highland Drive with Type II Bike Lanes on Bengal Boulevard. The project cost increase is a result of construction costs related to labor and equipment. Cottonwood Heights intends to provide all other resources and funding needed to complete the project.

New Programs and Program Reset

Statewide Programs

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Total Project Estimated Cost	Currently Funded Amount	Action	TTIF FM & LM Funding Amount	Year
Various	UDOT	Various	Various	Various Locations	TTIF First Mile/ Last Mile funding is primarily used to improve active transportation connections to transit stations	ST_TTIF First & Last Mile (Statewide - Transit - Transportation Investment First & Last Mile Fund)	\$21,531,541	\$17,125,233	Fund Program Amount	\$4,406,308	2024

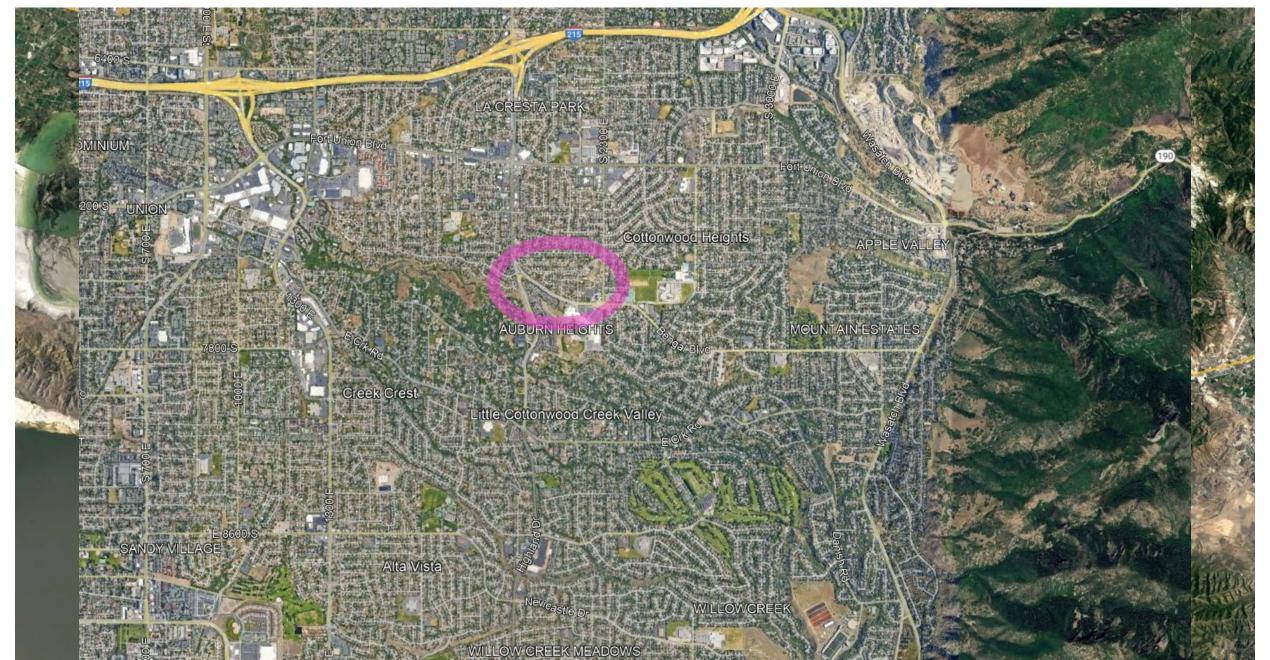
The State Transportation Commission uses a data-driven model to prioritize projects for funding through the Transit - Transportation Investment First & Last Mile Fund (TTIF First & Last Mile), which funds active transportation projects that connect to transit stations. In the March & May 2024 Programming Workshops, UDOT presented the list of the 2024 TTIF First & Last Mile projects recommended for programming. The recommendation also includes funding additions to previously programmed projects. (For specific projects please refer to the attached TTIF First & Last Mile Projects Prioritized by Commission Table)

Salt Lake - Sandy - SR-209. Quarry Bend Bridge - Pedestrian & Bicycle Bridge **Construct Grade-separated crossing over 9000 South** Funding available through the **Statewide – Transportation Investment Funds – Active Funds**

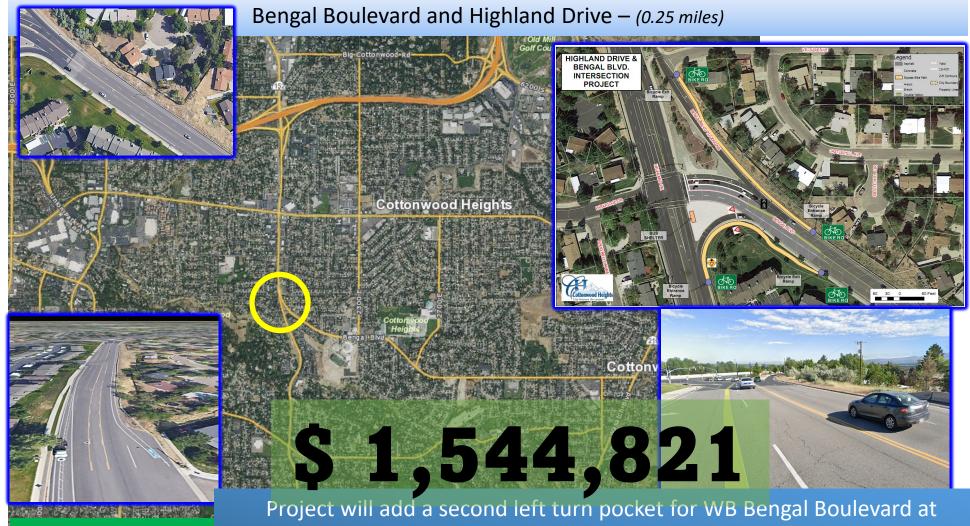
New/ Additional Funding \$5,989,600 **Total Project Cost** Estimate \$ 9,982,667 - Project will construct a gradeseparated crossing over 9000 South and connect sidewalk to Sandy Canal Trail PROPOSED PEDESTRIAN BRIDGE DESIGN STYLE



Salt Lake – Cottonwood Heights – Bengal Boulevard- Bike/ Pedestrian Facility Project Development, Final Design, Right of Way, & Construction



Cottonwood Heights – Bengal Blvd. & Highland Dr. - Intersection Improvements STP & CMAQ Project Type – Operations



Project Cost – \$ 1,657,000 Funds Request – \$ 1,544,821 existing intersection and widen south side of Bengal Boulevard roadway to accommodate merging traffic from Highland Drive. Install bypass bike lanes at intersection to connect Type II Bike Lanes on Highland Drive with Type II Bike Lanes on Bengal Boulevard.

Cottonwood Heights – Bengal Boulevard – Bike & Pedestrian Walkway

Project Type – Capital Improvement



Project Cost – \$ 487,200

Funds Request – \$ 444,894

This project represents a major opportunity for active transportation in Cottonwood Heights. Despite being a major thoroughfare, Bengal Blvd's current condition does little to incentivize walking or cycling. This 10-foot shared-use path will provide dedicated space for pedestrians and cyclists, creating safer conditions for current and future users.



TTIF - First Mile / Last Mile **Project Name Total Project Cost Match Amount** TTIF FM/LM Funding tation to Maple Street Multi-Use Path TTIF_First/ Last Mile Wente Gold Star Shared Us **Transportation Investment** wood Street Buffered Bike **Total Funds Program** 76-560 \$ 22,031,541 (13 projects) Midvale Center Street Pr \$ 932,064 TTIF First/ Last Mile = \$ 4,756,308 Main Street and Holden Street Bu \$ 65,730 **WFRC Area Amount** 4800 West Bike Lanes and Side \$ 385,411 \$ 21,531,541 (12 projects) TTIF First/ Last Mile = \$ 4,406,308 2200 West Bike Lanes & Side 234,973 Main Street / West Temple Bike Lane (South Salt Lake City) 1,990,789 592,631 398,158 3.727.095 Magna Downtown Revitalization 745,419 Roy FrontRunner Underground or Aboveground Pedestrian / Bike Crossing - Study 200,000 140,000 Brian Head Commercial Corridor Shuttle Stops and Crosswalks 150,000 500,000 350,000 \$ 21,531,541 17,125,233 4,406,308

2024-2029 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Federal Community Transportation Project Funding

Statewide Programs

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Various	Various	Various	Various	Various Locations	Various Roadway Enhancements and improvements	Grants for Community Project Funding (CPF)	\$94,464,800	\$7,125,233	Fund Program Amount	\$21,100,000	2024

Grants for Community Project Funding (CPF) (Formerly known as Earmarks) are appropriated and allocated from the General Fund for Transportation Infrastructure Grants on an annual basis. CPF recipients and their allocations are determined by Congress and all recipients are specifically identified in the Appropriations Act corresponding with the applicable fiscal year. (For the 2024 specific projects and funding amounts, please refer to the attached Federal Community Transportation Project Funding Table)

Utah House Bill 488 (HB-488)

Statewide Programs

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Salt Lake	Various	Various	Various	Various Locations	Various Roadway Enhancements and improvements	County of the First Class Highway Projects Fund (CFCHPF)	\$149,700,000	\$47,125,233	Fund Program Amount	\$43,748,000	2024-25 & 2025-26

As part of the Utah 2024 legislative session House Bill 488 included some modifications to transportation funding. One of the modifications provided funding for specific projects from the County of the First Class Highway Projects Fund (CFCHP). The CFCHP includes a portion of the 2nd and 3rd Quarter Local Option Sales Tax revenues within Salt Lake County. Historically, this fund has been subject to legislative appropriation, and is administered by UDOT. The projects listed in the table listed "HB 488" are funded in the bill for fiscal years 24-25 and 25-26, on a reimbursement basis. Due to some of these projects being partially funded from other resources in the Transportation Improvement Program (TIP) and the Statewide Transportation Improvement Program (STIP), it is recommended that all the projects be listed in the TIP/ STIP for transparency and administrative management.

Change in Project Scope

Salt Lake 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	Salt Lake City	1300 South	14054	1300 South Bypass; 200 East to	Provide Safe Bicycle Route - Parallel to 1300 South and Improve Pedestrian	TAP_URB_WFRC Transportation Alternatives Program - Urban Area Salt Lake (WFRC)	\$458,000	\$324,000	Combine with PIN	No Funding	2024-2029
Sait Lake	San Lake City	1300 South	14034	500 West	Crossings to access Ballpark TRAX	LOCAL_GOVT Local Government Funds	\$438,000	\$134,000	18837	Change	2024-2029

The intent of this modification is to combine this project with the Kensington project listed below to provide a safe bicycle route to complete a gap in the regional bicycle priority network to make a safe connection between 1300 South bike lanes (east), and California Avenue (1330 S) bike lanes (west).

alt Lake City Kensington 18837 Kensington/ Andrew Avenue from West Temple to 300 East Provide Safe Pedestrian /Bicycle Route Create additional Connectivity	TAP_URB_WFRC Transportation Alternatives Program - Urban Area Salt Lake (WFRC) LOCAL_GOVT Local Government Funds	\$650,0 \$1,126,500 \$476,3	with PIN	No Funding Change	2024-2029
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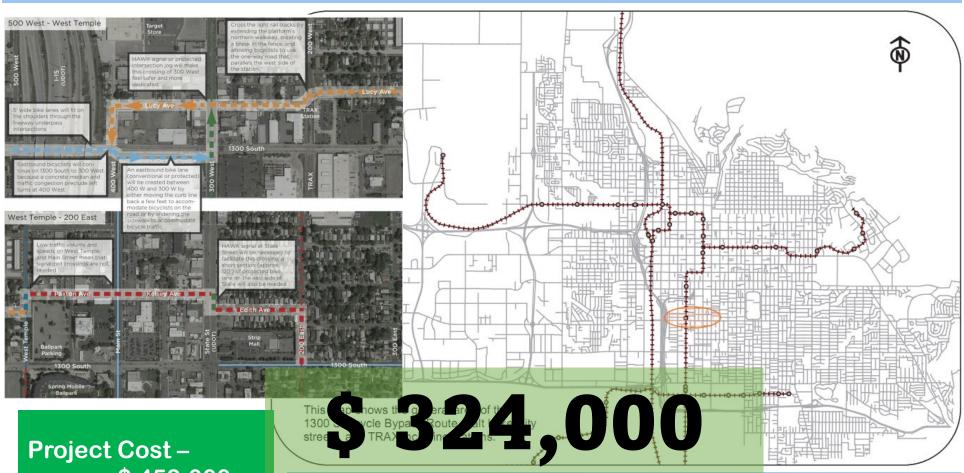
Overall the combined project will provide a safe bicycle route to complete a gap in the regional bicycle priority network to provide a high-comfort bicycling alternative (bypass) to 1300 South, east of West Temple, create additional connectivity from the southern and eastern parts of Salt Lake City including critical intersection safety improvements at Main Street, State Street, and 300 East and traffic calming elements that slow vehicle speeds and prioritize safety for cyclists. Salt Lake City request that these projects be combined to minimize project duplication and reduce the project cost shortfall. Salt Lake City commits to utilize other City resources to complete the overall project.

	•	Grants f	or Community Project	Funding (CPF)	
PROJECT	Estimated Cost	Amount	Funding Source		Project Description
Electric Bus Implementation, UTA	\$20,000,000	\$2,000,000	Department of Transportation, Transit Infrastructure Grants		Electric Bus Implementation
Clearfield Gateway/Pedestrian Bridges, Clearfield City Corporation	\$12,000,000	\$2,	Grants for Community Funding (CPF)Pro	zy Project	n bridges at: - Center St, crossing over Main St, - Below 350 S crossing over Main St. h Davis Jr High, 800 E crossing over 700 S 1000 E crossing over State St
Highland Drive Reconstruction and Complete Streets Project, Salt Lake City	\$30,000,000	\$3,	WFRC Area Amo \$107,900,000 (7 pt	ount	Reconstruction and Complete Street Implementation
Ogden City Gateway Trail Access Phase, Ogden	\$6,000,000	\$2,000,000	CPF = \$ 21,100, Programs	000	ess Phase (Phase Two) will provide a safe pathway to travel yon waterfall and continue East to some of the most beautiful areas in Ogden Canyon (SR-39).
Harrisville City Complex Roadway, Harrisville City	\$11,000,000	\$2,000,000	DOT, Highway Infrastructure Programs		and Harrisville Road, new road going through the new city x, where the new fire/police/city offices will be.
West Jordan 1300 West Reconstruction Project	\$20,500,000	\$4,500,000	DOT, Highway Infrastructure Programs	1300 West; 6600 So to	o 7800 So (Phase 3) - Widen to include center turn lane, bike lanes, curb & gutter, and sidewalk.
Mormon Trail Road Reconstruction Project, Rush Valley	\$8,400,000	\$5,000,000	DOT, Highway Infrastructure Programs		Roadway Reconstruction
Totals	\$107,900,000	\$21,100,000			

	Cour	ity of the F	irst Class	Highway Projects	Fund (CFCHPF)
	PROJECT	Estimated Cost	Amount	Funding Source	Project Description
	South Jordan Bingham Rim Road From Grandeville Avenue to Mountain View Corridor	\$3,500,000	\$3,200,000	County of the First Class Highway Projects Fund (CFCHPF)	Minor Collector - New Construction of a 2-Lane facility with curb, gutter, and sidewalk, bike lanes, and on street parking
	South Jordan U-111 and Old Bingham Highway arterials (Crismon Dr; Wire Grass Dr to SR-111)	\$1,000,000	\$1,000,000	County of the First Class Highway Projects Fund (CFCHPF)	Collector - New Construction of a 3-Lane facility with curb and gutter
	Midvale Center Street between State Street and 700 West	\$5,400,000	\$1,960,000	County of the First Class Highway Projects Fund (CFCHPF)	Road Diet from 5-lanes to 3-lanes to implement a "Complete Street" facility for all users. Expanding the alternative transportion improvements for pedestrian and bicylist
	Salt Lake First/Last Mile public transit improvements throughout the city	\$3,500,000	\$3,500,000	County of the First Class Highway Projects Fund (CFCHPF)	First and last mile connections to public transit Salt Lake City
	Cottonwood Heights Fort Union Blvd. and 2300 East	\$1,500,000	\$1,500,000	County of the First Class Highway Projects Fund (CFCHPF)	Intersection Safety and Pedestrian Improvements for the future Town Center/ Plaza development
	Draper Bangerter Highway between 13800 S. and I-15	\$5,000,000	\$3,450,000	County of the First Class Highway Projects Fund (CFCHPF)	Widen Bangerter Highway with an additional lane between east bound between 150 East to I-15 as well as adding additional turn lanes.
	Herriman U-111 to 13200 S. road construction	\$13,800,000	\$10,500,000	County of the First Class Highway Projects Fund (CFCHPF)	Major collector - New Construction of a 3-lane facility with buffered bike lanes, including sidewalk, curb & gutter, asphalt path, landscaping, a bridge over Butterfield Creek for a trail crossing.
	West Jordan improvements to 1300 W	\$20,500,000	\$3,000,000	County of the First Class Highway Projects Fund (CFCHPF)	This is phase 3 on 1300 West between 6600 So and 7800 So. Project will Widen to allow a two way left turn lane, bike lanes, curb & gutter, and sidewalk through the corridor
	Riverton Welby Jacob Canal Trail between 11800S. and 13800S.	\$9,000,000	\$1,050,000	County of the First Class Highway Projects Fund (CFCHPF)	New Construction of the Welby Jacob Canal paved pedestrian trail. The final trail will extend from 11800 South (Riverton's north boundary) to 13800 South (Riverton's south boundary).
CFCHP	Murray Murray Blvd. improvements between 4800 & 5300 S.	\$1,500,000	\$1,250,000	County of the First Class Highway Projects Fund (CFCHPF)	Murray Blvd will be re-striped to accommodate bike lanes
County of the	West Valley 5400S. to U-111 road construction	\$5,400,000	\$1,450,000	County of the First Class Highway Projects Fund (CFCHPF)	Collector - New Construction of a 3-lane facility between 5400 South and 6200 South with curb, gutter, and sidewalk
First Class Highway Projects Fund	Magna construction and improvements 8400 W and 4100 S.	\$3,200,000	\$1,840,000	County of the First Class Highway Projects Fund (CFCHPF)	Extension (~1/3 mile) of 4100 W, west of U-111 (8400 W). This new section will have 4 lanes (2 through, 2 turn lanes) and connect to new local roads New 4-way signalized intersection at 4100 S and U-111 intersection
1 Togram Amount	Millcreek 2000E. reconstruction and improvements between 3000S. and Atkin Ave.	\$8,500,000	\$1,200,000	County of the First Class Highway Projects Fund (CFCHPF)	Project will add bike lanes and sidewalk over the soon to be piped open ditch - but travel lanes will actually narrow.
\$43,780,000	Holladay Highland Drive between Van Winkle and Arbor Lane	\$30,000,000	\$1,230,000	County of the First Class Highway Projects Fund (CFCHPF)	Operational Improvements on Highland Drive
Total Estimated Project Costs	1. West Valley 4000. W. between 4100 S. 2. 4700 S and West Valley improvements to 4700 S; 4000 W. to Bangerter Hwy	\$10,500,000	\$1,800,000	County of the First Class Highway Projects Fund (CFCHPF)	Reconstruction project, on 4000 West between 4100 South and 4700 South West Valley
\$167,639,000	Taylorsville Bangerter Highway and 4700 S.	\$4,700,000	\$3,500,000	County of the First Class Highway Projects Fund (CFCHPF)	To expand bike and pedestrian improvements along the Bangerter Highway including a separate bike path farside of the sidewalk
	Taylorsville 4700 S at the I-215 interchange	\$32,639,000	\$1,000,000	County of the First Class Highway Projects Fund (CFCHPF)	New Construction of Frontage Road and connectors to 2700 West
	Taylorsville Additional Funding (no specifified project)	\$500,000	\$300,000	County of the First Class Highway Projects Fund (CFCHPF)	Various operational improvements
	South Jordan Daybreak TRAX Station Construction	\$7,500,000	\$1,050,000	County of the First Class Highway Projects Fund (CFCHPF)	New Construction of Daybreak TRAX Station
	CFCHPF Total	\$167,639,000	\$43,780,000		L

Salt Lake City – 1300 South Bypass Bicycle Boulevard **Project Type – Capital Improvement**

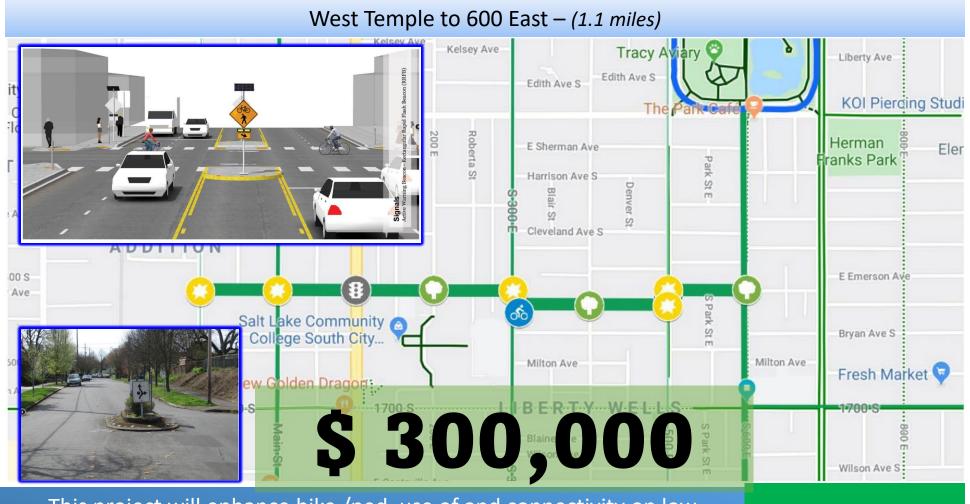
200 East to 500 West



\$ 458,000

Funds Request – \$ 325,000 This project will provide a safe bicycle route to complete a gap in the regional bicycle priority network to make a safe connection between 1300 South bike lanes (east), and California Avenue (1330 S) bike lanes (west). The project will also improve pedestrian crossings, including access to Ballpark TRAX.

Salt Lake City – Kensington East-West Byway – Ped & Bike Project Type – Capital Improvement



This project will enhance bike /ped use of and connectivity on low volume local streets as a through route, improving crossings at larger streets. The all ages & abilities route is in SLCo's ATIP and SLC's Ped Bike Master Plan. An east-west route is needed as parallel arterial routes are not comfortable walking or biking.

Project Cost – \$ 538,600

Funds Request – \$ 502,137

Salt Lake City – Kensington East-West Byway Phase II – Ped & Bike Project Type – Capital Improvement

600 East to McClelland Trail – (1.0 mile)



This project will enhance bike /ped use of and connectivity on low volume local streets as a through route, improving crossings at larger streets. The all ages & abilities route is in SLCo's ATIP and SLC's Ped Bike Master Plan. An east-west route is needed as parallel arterial routes are not comfortable walking or biking.

Project Cost – \$ 587,900

Funds Request – \$ 410,119

Combining Projects. . . . Would expand the geographical reach of the project **Enhance access for all users** Add key bicycle infrastructure along 1300 So. & Kensington/Andrew Avenue **Include critical Intersection Safety** Improvements on Main St., State St., and **300 East Traffic Calming Elements** Signing, striping and pavement markings

2024-2029 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Additional Funding and Scope Change

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
Davis	UDOT	SR-37	20465	SR-37; SR-108 to 250 W.	Reconstruct and Widening	ST_TIF (Statewide - Transportation Investment Funds)		\$110,000,000	Combine Project		
Davis	LIDOT	I 15	15682	I-15; 1800 North Interchange	Construct New Interchange and Corridor	ST_TIF (Statewide - Transportation Investment Funds)	\$384,861,371	\$69,998,237	Additional Funds	\$196,000,000	2024
Davis			and Corridor Widening	Widening	LOCAL_GOVT (Local Government Funds)		\$8,863,134				

The scope of the I-15; 1800 North Interchange project will relocate I-15 east onto property that is currently owned by Hill Air Force Base (HAFB). The Department is in negotiations with HAFB to complete the land transfer that will allow the State of Utah to take ownership of the property and allow for a new interchange at Sunset. HAFB and Military Installation Development Authority (MIDA) are installing a new Base Gate that will align with the new interchange. This project will also widen 2 miles of 1800 North into a 5-lane facility, add a grade separation of FrontRunner rail and Union Pacific Railroad (UPRR), and construct a trail system between HAFB that will connect to the D&RG Trail, Clinton City Trail, and the 3 Gates Trail. An update to the Engineers Estimate shows cost increases on the original scope items and costs associated with removing utilities located on the land currently owned by HAFB, the relocation of Davis Weber Canal, other Right of Way costs, and a grade separation for a future trail connection. The local funds will include improvements for the Davis Weber County Canal Company, Enbridge Gas, North Davis Sewer District, MIDA, the Weber Basin Water Conservancy District, Sunset City, and Clinton City.

						ST_TIF (Statewide - Transportation Investment Funds)		\$141,786,240	Additional Funds	\$3,643,630	
Davis	UDOT	I-15	15684	I-15 & Shepard Lane	Shepard Lane Interchange & Pedestrian Overpass to Accommodate the Widening of I-15 and FrontRunner Double Tracking	ST_APPROP (State Appropriated Budget)	\$151,122,525	\$213,761			2024
						LOCAL_BETTERMENT (Local Government - Betterment CO-OP)		\$5,478,894			

This project includes accommodation of future FrontRunner double tracking. This will lead to savings of impacting I-15 travelers only once, as well as designing and placing the drainage system in the correct location and not having to tear out and rebuild in the area. A major portion of this coordination was to construct a wall that would be able to accommodate the current I-15 widening and also future FrontRunner double tracking. The total amount for work to accommodate future FrontRunner double tracking came in at a higher price than estimated. There are also adjustments on the local betterments based on actual bid value. And Central Davis Sewer District removed some of their scope of work which reduced the total amount of local funding needed.

						STP_FLX_ST (Surface Transportation Program - Flexible - (Any Area) Statewide)		\$2,000,000			
Weber	UDOT	SR-126	20803	SR-126 (1900 West) & 700 South	Add Turn Lanes at 700 South	ST_SIGNALS (State Construction - Signal Program)	\$2,650,000	\$50,000			2024
						R1_TSP (Region 1 - Transportation Solutions Program)			Additional Funds	\$600,000	

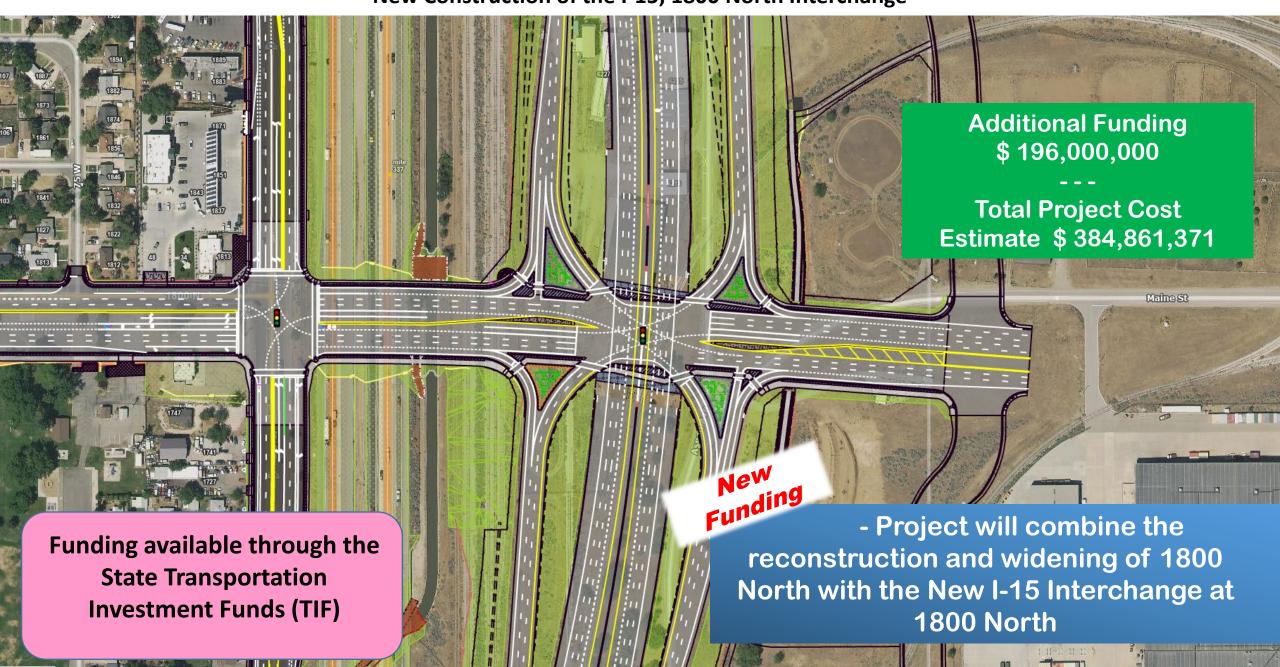
The scope of the SR-126; Add Turn Lanes at 700 South project is to add left turn lanes at this intersection. This area of Weber County continues to expand and grow at an increasing pace. Improvements at this intersection will both decrease congestion and improve safety for the traveling public. An update to the Engineers Estimate has shown additional fundsare needed to cover construction materials and Right of Way project costs.

Box Elder

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Box Elde	r UDOT	US-89	15677	US-89; SR-126 to Perry	Reconstruct Pavement	R1_TSP (Region 1 - Transportation Solutions Program)	\$58,000,000	\$54,000,000	Additional Funds	\$4,000,000	2024

The scope of the US-89; SR-126 to Perry project is to reconstruct the pavement, provide shoulders, improve accesses, and add drainage features to keep water off the travel way. The project team has updated the Engineers Estimate and identified the need for additional funding. This project is ready to advertise. These additional funds will allow the project to begin construction at the end of this year.

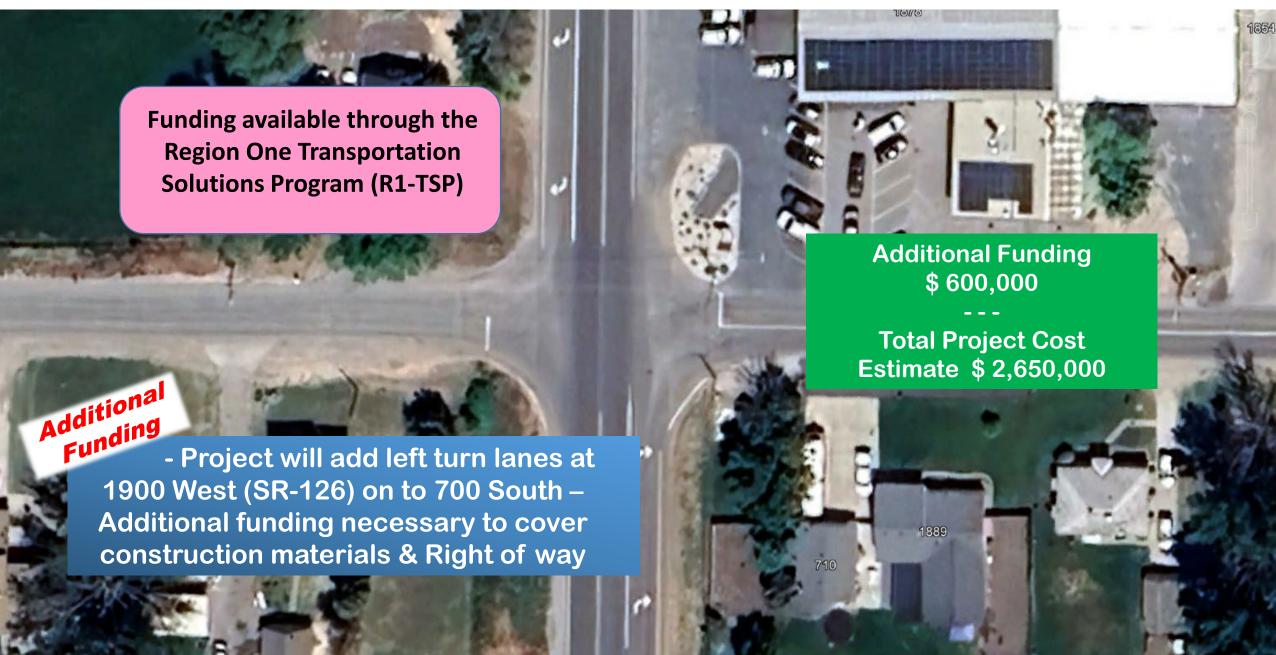
Davis – UDOT – Combine the 1800 North (SR-37) – Reconstruct & Widening and the New Construction of the I-15; 1800 North Interchange



Davis – UDOT – I-15; Shepard Lane Interchange & Pedestrian Overpass Construct New Interchange on I-15 & Pedestrian Overpass



Weber – UDOT – SR-126 (1900 West) & 700 South - Operations Improvement Add Left Turn Lanes at 700 South



Box Elder – UDOT – US-89 Pavement Reconstruction - Reconstruct and Widen SR-126 to Perry



2024-2029 Transportation Improvement Program (TIP) (Amendment Nine)

Board Modification

Project / Funding Adjustments

Salt Lake County

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	Emigration	21203	5655 Emigration Cyn to 9698	Strategic Minor widening and Safety Improvements	STP_URB_SL (Surface Transportation Program - Urban Area Salt Lake (WFRC)) LOCAL_GOVT (Local Government Funds)	\$6,518,900	\$3,000,000 \$3,157,260	Funding	\$361,640	2024-2029
		Canyon	20416	Emigration Cyn	This PIN will be abandoned - Project Funding will be combined to PIN 21203	TIFF_ACTIVE (Transportation Investment Funds - For Active Transportation)		\$0	. New Funding	\$3,157,260	

The project will widen Emigration Canyon Road at strategic locations to improve safety for a bike lane in both directions, going from 5655 to 9698 East. The project was approved by WFRC. A TIF Active project has also been approved in this location. These projects overlap scope and result in being able to be combined and funding adjusted.

Salt Lake	UDOT	SR-71 (12300 South)	22092	SR-71 at Lone Peak Pkwy	Widen the intersection to include dual left turns in both east-west directions and create an auxiliary lane westbound between the I-15 southbound off-ramp to Lone Peak Parkway	(Carbon Reduction Program - Urban Area Salt	\$6,375,000	\$1,500,000 \$1,000,000			2024-2029
					Intersection	R2-TSP (Region 2 - Transportation Solutions Program)		\$0	Additional Funds	\$3,875,000	

The scope of the SR-71 at Lone Peak Parkway project will widen the intersection to include dual left turns in both east-west directions and create an auxiliary lane westbound between the I-15 southbound off-ramp to Lone Peak Parkway. This project will coordinate with Draper City's modification of Lone Peak Parkway on the south leg of the intersection.

		I-15	19854	I-15 Reconstruction; Farmington to Salt Lake City	I-15 Reconstruction	ST_TIF (Statewide - Transportation Investment Funds)	\$1,766,200,000	\$1,767,200,000	Transfer Funds From	\$1,000,000	
Davis	UDOT					CMAQ_WFRC (Congestion Mitigation/ Air Quality - Urban Area Salt Lake (WFRC))		\$2,738,390	Transfer		2024-2029
		SR-105	15917	Parrish Ln (SR105) 400 West Inters Centerville	Improve Intersection Geometry (Thru Lanes and Turn Lanes)	STP_COVID_OL (CRRSAA Fund for 2021-Ogden/ Layton)	\$4,667,102	\$441,652	Funds To	\$1,000,000	
						LOCAL_GOVT (Local Government Funding)		\$487,060		intersection has	-

The intent of this project funded through WFRC is to improve all four legs of the Parrish Lane (SR-105)/400 West intersection. The design and construction of the intersection has been coordinated to also align with the work associated with the I-15 reconstruction project. Due to inflation of Right of Way and materials costs, the project is short of funding. The 400 West intersection project is ready to advertise and construct in 2025. The additional funds would allow the intersection to be built before the I-15 project and minimize impacts during the I-15 project.

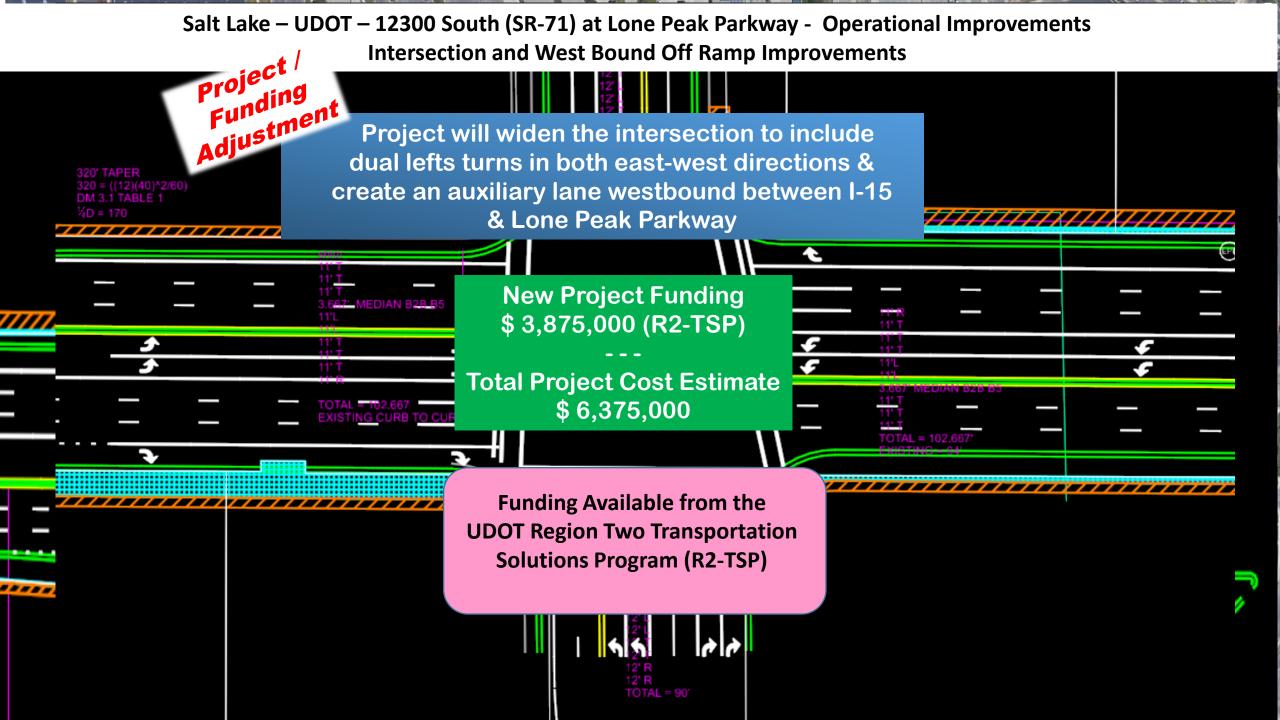
Tooele

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Tooele	UDOT	I-80	17626	EB Auxiliary Lane and SR-36 NB Lane	Add an Auxiliary Lane on I-80 and one travel lane on northbound SR-36	ST_TIF (Statewide - Transportation Investment Funds)	\$37,900,000	\$27,900,000	Additional Funds	\$10,000,000	2024

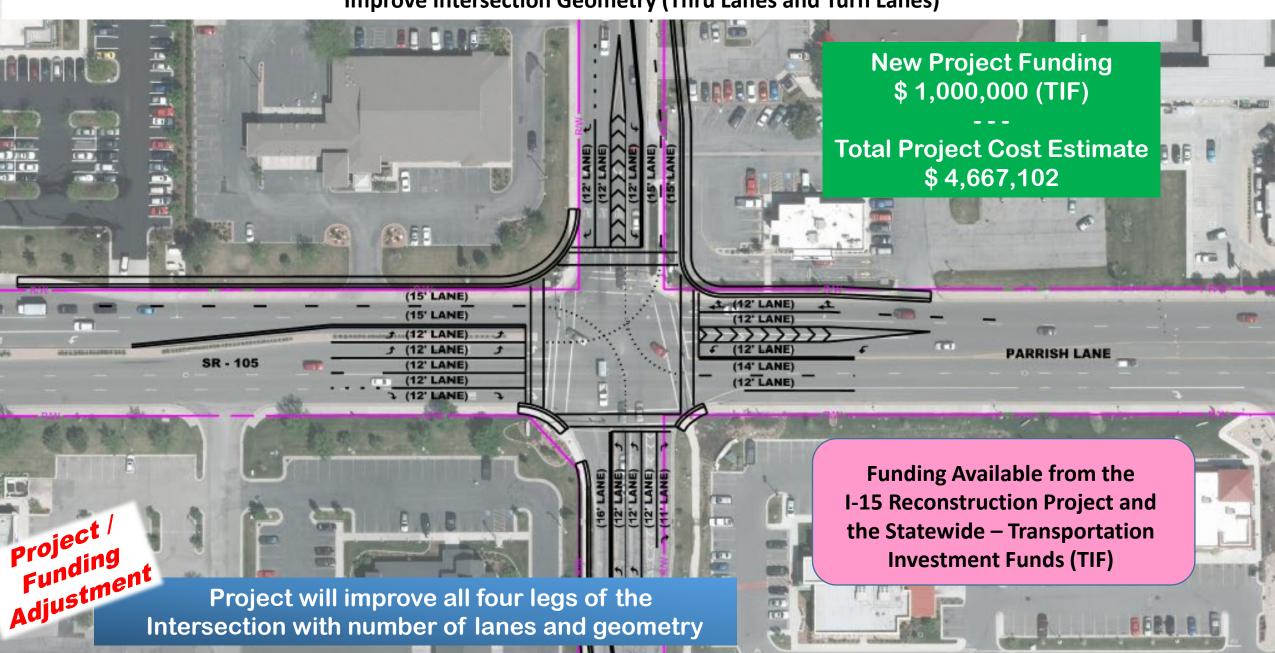
The scope of this project is to add an Auxiliary Lane Eastbound I-80 from Lake Point to SR-201 and one travel lane on northbound SR-36 from Stansbury Parkway to I-80. The original project concept that was developed in 2021, focused primarily on the pavement component of the additional third lane and did not account for all required roadway elements. In addition, several roadway features have been installed that have to be relocated in order to add a third lane. Additional funds are for: - New Drainage Pipe EB and WB I-80 to deal with Natural Spring run off at rest area, - Additional drainage systems to prevent flooding on adjacent owners' properties. (pipes, gutters, inlets), - 3 Overhead Cantilever Signs, - Relocate VMS on SR-36 NB outside of Widening, - Extra shoulder width to improve sight distance on EB I-80, - Reconfiguration of signalized intersections, - Increase of Pavement Costs

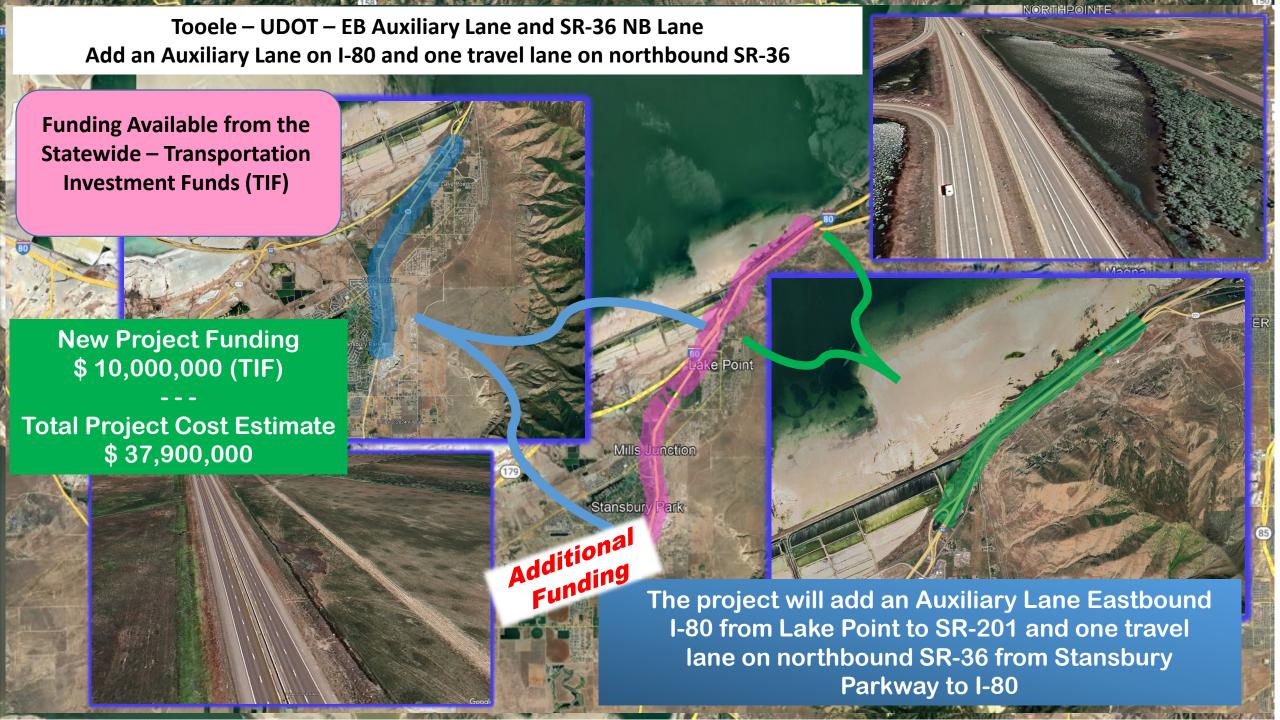
Salt Lake – Emigration Canyon City – Emigration Canyon - Safety Improvements Emigration Canyon Road from 5655 East to 9698 East





Davis – UDOT – Parrish Lane (SR-105) & 400 West - Intersection Improvements Improve Intersection Geometry (Thru Lanes and Turn Lanes)









2025-2030



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



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

REPORT NO. 42a

DATE June 20, 2024

SUBJECT DRAFT - CONFORMITY ANALYSIS FOR THE WFRC 2025-2030

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 rulemakings 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 2025-2030 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 2025-2030 TIP are found to conform.

Wasatch Front Regional Council

41 North Rio Grande Street, Suite 103 Salt Lake City, Utah 84101

aq memo42a tip 2025-2030 draft-docx Page 1



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2024



Projects for the 2026 – 2031 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.

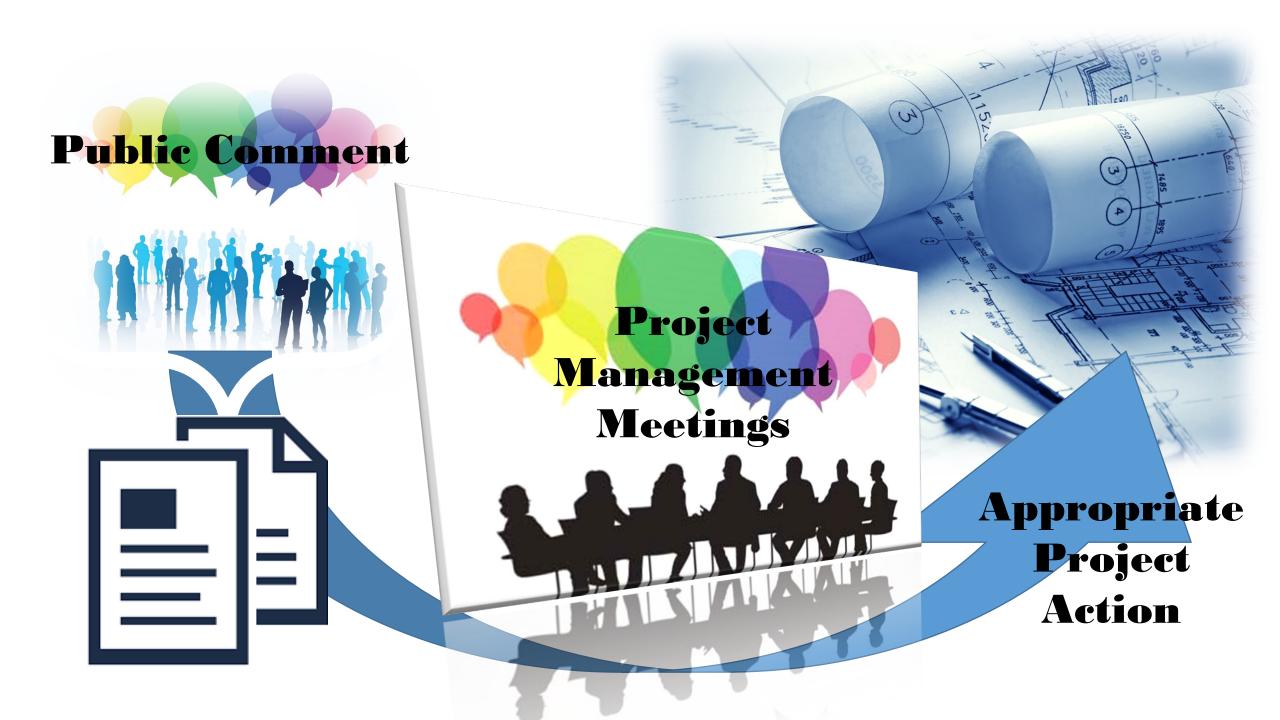
Learn more about the TIP ...

Learn more about the RTP ...

TIP 2025-2030 Public Comment List

Interactive Map Comments - Project Specific

ID	Comment	Project Location
1	I want to voice my opposition to any EV charging stations. We should be building transit not supporting more <u>car based</u> infrastructure.	Riverton City Electric Vehicle Charging Stations
2	The S Line is amazing and should be expanded all the way to Holladay. [50] that a great slogan?? The S Line should also be duplicated around the valley.	S-Line Extension
3	Yes, let's keep extending the Sline on the East side!	S-Line Extension
4	I love the S-Line! Use it often, should be extended as far as possible into sugarhouse. With the proposed changes to 2100 S in this area, public transit is more important than ever!	S-Line Extension
5	Extend the S-Line South toward Millcreek and North toward Westminster.	S-Line Extension
6	Please extend the streetcar south into <u>mill creeks</u> new center and north along 1100E/900E. I lived along 1100E for many years and now live along 900E and it would be <u>life_changing</u>	S-Line Extension
7	Extending the S-Line would be so great! Building up the ability for it to continue along Highland drive would open up the transit network to so many people! It would also be a great way way to interconnect any future transit plans in the area!	S-Line Extension
8	Adding another frontrunner station down here will just slow down the frontrunner times unless we convert to overhead electrification.	ExantRunner Station at Point of the Mountain
9	Decide if and when EcontRunner will go electric to determine how much refurbishment will be needed.	UTA Locomotive Rebuild
19	The forecasted start year should be earlier. There are plans to use this in providing bus access to Hogle Zoo.	Sunnyside Ave at Crestview Drive Roundabout
11	This is great, but please consider adding better bike infrastructure to Sunnyside Avenue. This area is frequented by tons of cyclists during the warmer months. Bike paths should be separated from cars with physical barriers, especially since cars drive quite fast on Sunnyside. Additionally, the intersection at Foothill is a joke if you're a cyclist heading west on Sunnyside. If you don't believe me, go ride it. The bike traffic is directed to merge into the right car lane after the intersection, which is a horrible idea (it's basically asking for road rage and near passes). Green paint and signs don't make roads safer for cyclists - physical barriers do. There's more than enough cycling traffic in this whole area to justify substantial improvements.	Sunnyside Ave at Crestview Drive Roundabout
12	Hopefully this will be used to give the Trax trains signal priority through the city.	Salt Lake City Traffic Signal Synchronization
13	Please give Trax and BRT signal priority!!	Salt Lake City Traffic Signal Synchronization
14	It seems like there are a lot of stand-alone projects. Is there an overarching digital strategy? Smart infrastructure projects are not standalone, they are all one part of a bigger_whole . And that's actually what I specialize in. Digital transformation, smart infrastructure/ smart manufacturing, and connected enterprises. The city needs a lipitacturing-needs-alone-enterprises . The city needs a lipitacturing-needs-alone-enterprises . The city needs a lipitacturing-enterprises . The city needs	Salt Lake City Traffic Signal Synchronization
15	89 should be reduced to one lane in each direction under the bridge, with exit only lanes on the northbound and southbound sides to reduce the probability of vehicle collisions. Further, when the bridge is rebuilt it should have priority pedestrian access so students can get to school safely on foot. The current crosswalk on Hwy 89 at 1500 South is a death trap that drivers completely ignore.	Parkin Overpass/ Bamberger Railroad Bridge; 500 W
16	The death crosswalk is at 1875 South and 500 west/Hwy 89, pardon. No one is stopping for pedestrians when the avg road speed is 45 mph.	Parkin Overpass/ Bamberger Railroad Bridge; 500 W
17	Thank you for protecting and preserving the access and amenities at this trailhead. It is my children's favorite!	Neffs Canyon Trailhead Improvements





FUNDING & TECHNICAL ASSISTANCE PROGRAMS

FISCAL YEAR 2024



Capital Transportation Improvement Programs

- Surface Transportation Program (STP)
 \$29M \$33M
- Congestion Mitigation Air Quality (CMAQ) \$7M \$8M
- Carbon Reduction Program (CRP) \$3M \$4M
- Transportation Alternatives Program (ТАР) \$2м \$3м

Planning Assistance Programs

- Transportation & Land Use Connection Program (TLC) \$2M
- · Station Area Plan Technical Assistance (SAP) \$5M over 2 years.

Other Federal Grants

- Community Development Block Grant Program (CDBG) \$1M
 - Mandatory How to Apply Workshop held each fall
- Community Impact Board (CIB)
 - Ongoing application cycle
- Wasatch Front Economic Development District (WFEDD) \$100K+
 - Ongoing application cycle

WFRC Funding Program Deadlines

Surface Transportation Program - STP

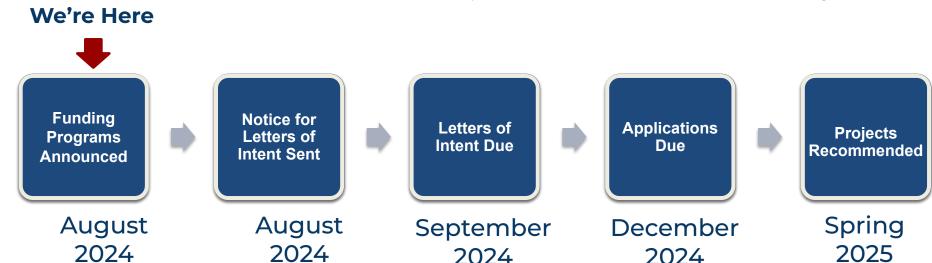
Congestion Mitigation Air Quality - CMAQ

Carbon Reduction Program - CRP

Transportation Alternatives Program - TAP

Transportation & Land Use Connection Program - TLC

Deadlines apply to:



For more information...



WFRC Funding Programs

The Wasatch Front Regional Council is responsible for administering and assisting with nine programs that provide funding and resources for local governments. These are briefly described below, with additional detail on timelines, eligibility, etc. shown on the following pages:

The <u>Surface Transportation Program (STP)</u> provides funding that may be used for projects on Federal-aid eligible highways, transit capital improvements, and active transportation projects.

The Congestion Mitigation Air Quality (CMAQ) provides funding for transportation projects that improve air quality.

The Transportation Alternatives Program (TAP) funds construction and planning of bicycle and pedestrian facilities.

The <u>Carbon Reduction Program (CRP)</u> provides funding for transportation projects that reduce on-road carbon dioxide emissions.

The <u>Transportation and Land Use Connection (TLC)</u> supports local governments with technical assistance to integrate land use planning and regional transportation, implementing the Wasatch Choice Vision. The TLC program is made available through a partnership with Salt Lake County, the Utah Transit Authority, and the Utah Department of Transportation.

Station Area Plan Technical Assistance (SAP) is available through WFRC on a rolling basis from 2022 to 2024, in partnership with the Governor's Office of Economic Opportunity, the Utah Transit Authority, and the Mountainland Association of Governments. As of 2022 cities with a fixed-guideway public transit station (rail or BRT) must develop a Station Area Plan for that station and update their general plan and zoning to implement the Station Area Plan.

The Community Development Block Grant (CDBG) Small Cruics Program provide funding to local governments for Development of the CDBG provides for a variety of housing, infrastructure, public service, and community development projects that principally benefit low to moderate-income persons in Morgan, Tooele, and Weber Counties, excluding the entitlement city of Ooden.

The Community Impact Board Program provides grants and low interest loans to communities that have federally leased land used for mineral extraction to help make up for a loss of tax revenue that cannot be collected on that leased land.

The <u>Wasatch Front Economic Development District (WFEDD)</u> is a federally recognized Economic Development District created to foster regional economic developments and assist eligible entities in developing competitive grant asolications from the U.S. Department of Commerce Economic Development Administration

General application milestones for the first five programs are:

Letter of Intent due September 26, 2024

Application due December 12, 2024

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