

# **T**ransportation **I**mprovement **P**rogram



12:00  
24  
TISSOT

And Transit Too?

That is so Cool !!

Hey Steve, Did you hear about the New Highway Projects?

Yea, They're part of the 20-25 TIP

FOR THE

5 FIGHT

AMERICA FIRST

OKLAHOMA CITY

AGAINST THE FIGHT

OKLAHOMA CITY  
21

THORNS  
15

UTAH



Wow, Look at that, a  
new AT Project

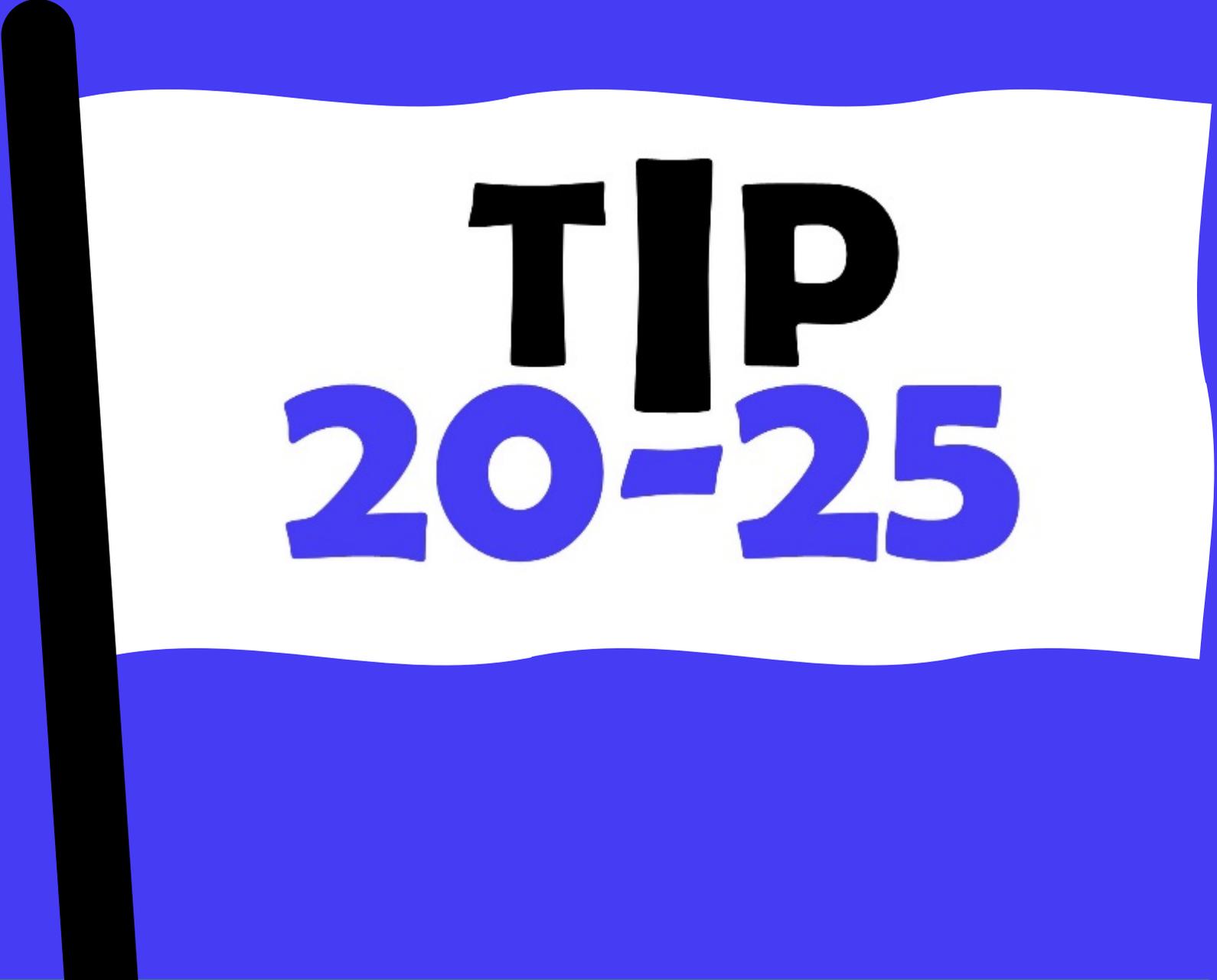
That was a  
Generous  
20-25 TIP

Thank you

**TIP**  
**20-25**



HIKE !!!

A white flag with a wavy top and bottom edge is attached to a black pole on the left. The flag features the word 'TIP' in large, bold, black capital letters, and the numbers '20-25' in large, bold, blue capital letters below it. The background is a solid blue color.

**TIP**  
**20-25**

# TIP 20-25

## 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

# TIP 20-25

## 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

# TIP 20-25

## Transportation Improvement Program - Today . . .

- 4a. Report on a Approved Board Modification
  - Regional Council – October 24, 2019
  
- 4b. Approve New Board Modification (Mod #2)
  - To the 2020-2025 TIP



**TIP**  
**20-25**

# 4a – Report on 2020-2025 TIP Board Modification #1

Regional Council

October 24, 2019

## 2020-2025 Transportation Improvement Program (TIP) (Amendment One)

### Board Modification

#### Funding Transfer & 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/ Weber	UDOT	I-84	14348	I-84: Uintah Interchange	Deck Replacement Project	ST_Bridge (State Bridge Funds)	\$2,050,000	\$0	<i>Transfer Funds &amp; Abandon</i>	<b>\$0</b>	2020-2025	
Davis	UDOT	US-89	13821	US-89; Farmington to I-84	Reconstruct and Widen Project to include the Rehabilitation of two bridges over the Weber River on US-89	Local_Govt (Local Government Funds)	\$476,786,658	\$86,658				2020-2025
						ST_TIF (Transportation Investment Funds)		\$471,650,000				
						ST_Trans_Sol (State Transportation Solutions)		\$3,000,000				
						ST_Bridge (State Bridge Funds)		\$0				

After the Uintah Interchange project was approved and funding was programmed, Region One completed a study with plans that will replace the existing interchange with a future interchange configuration to accommodate the expected growth and needs of this location. To address the immediate needs on the Uintah Interchange, pothole patching and a polymer bridge deck overlay was applied this past summer to preserve them until the future project can be funded.

The funds being added to the US-89; Farmington to I-84 project will be used to rehabilitate the two bridges over the Weber River on US-89. The original project scope included only striping an additional lane across both structures.

#### New Project

##### 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	SR-210	17985	SR-210; Little Cottonwood Canyon	Construct a High Tee Intersection	Hot Spot Funding - TIF (Transportation Investment Funds)	\$2,000,000	\$0	<i>New Funding</i>	<b>\$2,000,000</b>	2020-2025

As part of the Cottonwood Canyons Recreation HotSpot Project, Region 2 has identified an early action operational improvement that will assist with traffic congestion exiting Little Cottonwood Canyon by extending the existing High Tee intersection at Entry 1 and adding new High Tee intersectiona at Entry 4 (Alta Bypass Road) and the Wildcat Access (Ft Trail).

While these types of intersections are not common, a review of the National Crash Modification Factors indicates that a reduction of 13% of current crashes is likely. Studies show that after a High Tee intersection was installed, a survey of local road users was conducted and it indicated that users felt the roadway was safer to have this protected turn and driving lane, as well as the average delay through the intersection was reduced. The requested funds are part of the overall Hot Spot Funding program.

## 2020-2025 Transportation Improvement Program (TIP) (Amendment One)

### Board Modification

#### New Project

##### 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	SR-210	17985	SR-210; Little Cottonwood Canyon	Construct a Lane Merge Project	Hot Spot Funding - TIF (Transportation Investment Funds)	\$6,000,000	\$0	<i>New Funding</i>	<b>\$6,000,000</b>	2020-2025

As part of the Cottonwood Canyons Recreation HotSpot Project, Region 2 has identified an early action operational improvement project that will assist with traffic congestion entering Little Cottonwood Canyon by adding a merge lane at the intersection of SR-210 and SR-209.

A traffic analysis of this merge lane at the intersection of SR 210/SR 209 has been completed and the results show a reduction of a 2 mile long queue to 200 yards during peak times for travelers going up Little Cottonwood Canyon. The requested funds are part of the overall Hot Spot Funding program.

Salt Lake	Bluffdale	Porter Rockwell	18053	Porter Rockwell; 14600 S to Rising Star - Trail	Construct Section of Missing Bike/ Pedestrian Trail	UDOT R2 TAP (UDOT Region Two Transportation Alternatives Program)	\$49,886	\$0	<i>New Funding</i>	<b>\$32,426</b>	2020
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UDOT TAP Contribution \$32,426, Local Contribution \$17,460, Total Project Cost \$49,886

Salt Lake	Murray	Cedar Street	18052	Cedar Street; 6100 S to 6200 S - Sidewalk	Construct Sections of Missing Sidewalk	UDOT R2 TAP (UDOT Region Two Transportation Alternatives Program)	\$178,101	\$0	<i>New Funding</i>	<b>\$115,766</b>	2020
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UDOT TAP Contribution \$115,766, Local Contribution \$62,335, Total Project Cost \$178,101

Salt Lake	Sandy	11400 South	18051	11400 S; 1300 E to 1700 E - Bike Lanes	Construct Bike Lanes along 11400 South	UDOT R2 TAP (UDOT Region Two Transportation Alternatives Program)	\$274,940	\$0	<i>New Funding</i>	<b>\$178,711</b>	2020
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UDOT TAP Contribution \$178,711, Local Contribution \$96,229, Total Project Cost \$274,940

Salt Lake	White City	730 East	18050	730 E; Sejo Lily Dr to Tulip Dr - Sidewalk	Construct Sections of Missing Sidewalk	UDOT R2 TAP (UDOT Region Two Transportation Alternatives Program)	\$134,448	\$0	<i>New Funding</i>	<b>\$87,392</b>	2020
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UDOT TAP Contribution \$87,392, Local Contribution \$47,056, Total Project Cost \$134,448

**TIP**  
**20-25**

# 4b - 2020-2025 TIP Board Modification

Trans Com Meeting  
November 21, 2019

## 2020-2025 Transportation Improvement Program (TIP) (Amendment Two)

### Board Modification

#### Funding Transfer & Scope Change

##### Salt Lake \ West Valley

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	I-15	15669	I-15 NB; Bangerter Hwy to I-215	Widening to include a new general purpose lane and a collector-distributor system between 9000 So & I-215 <b>Removing ATMS Fiber Backbone</b>	ST_TIF (Transportation Investment Funds)	\$162,800,000	\$165,000,000	<b>Transfer Funds &amp; Reduce Scope</b>	<b>\$2,200,000</b>	2020	
Salt Lake	UDOT	I-15	12587	I-15; SB 12300 South to SR-201	Widening to include an additional southbound lane, also widening 7200 So from I-15 to Bingham Junction and improve the I-15 interchange at I-215. <b>Additional Improvements include the new ATMS Fiber Backbone location and New Striping for the entire project</b>	ST_ATMS_AM (ATMS Asset Management (Life Cycle Replacement))	\$184,609,000	\$309,000				2020
						ST_Bridge (State Construction - Bridge Program)		\$10,800,000				
						ST_INS-RECOV (Funds Recovered for Damage Repair)		\$300,000				
						ST_T&S (State Traffic and Safety Funds)		\$300,000				
						ST_TIF (Transportation Investment Funds)		\$169,200,000				

The I-15 NB; Bangerter Hwy to I-215 project includes a scope of work to relocate the advanced traffic management system (ATMS) fiber backbone. To eliminate disruption in the service of this system it was determined that the most viable location for this backbone would be on the southbound side of I-15 instead of northbound. Region Two proposes removing this scope of work from the I-15 NB; Bangerter Hwy to I-215 project and placing this work in the I-15; SB 12300 South to SR-201 project. Along with the scope transfer, Region Two requests that \$2,200,000 (TIF Funds) be removed from the northbound project to pay for this scope change to the southbound project. Additionally, Region Two would like to upgrade the striping on the southbound project for the entire project limits (I-15; SB 12300 South to SR-201). The cost of this change order is estimated at \$1,500,000, which will be funded with unprogrammed TIF funds.

#### Additional Funding

##### Ogden/ Layton

County	Sponsor	Facility	PIN	Project Location	Concept/ Type of Improvement	Funding Source	Project Estimated Cost	Currently Funded Amount	Action	Funding Amount	Year
Davis	Clearfield & Syracuse	500 West	14843	500 West; 2000 South to Antelope Drive (1700 South or SR-108)	New Construction, 3-lane facility with signal on SR-108 and Curb, Gutter and Sidewalk	STP_URB_O/L (Surface Transportation Program - Urban Area Ogden/ Layton - (WFRC))	\$6,766,000	\$4,679,427	<b>New Funding</b>	<b>\$1,000,000</b>	2022

During the engineering design phase of the project, it was determined that due to increased construction cost and right of way cost the project would require an additional \$2,068,573. The project sponsors, Clearfield and Syracuse, have requested an additional \$1,000,000 in Ogden/ Layton Urban Surface Transportation Program (STP) funds and will identify the additional needed funds from City and County resources. The additional STP funds are available from other project cost savings. This request will not negatively impact any other project currently on the program.

# Salt Lake – I-15 SB; 12300 South to SR-201

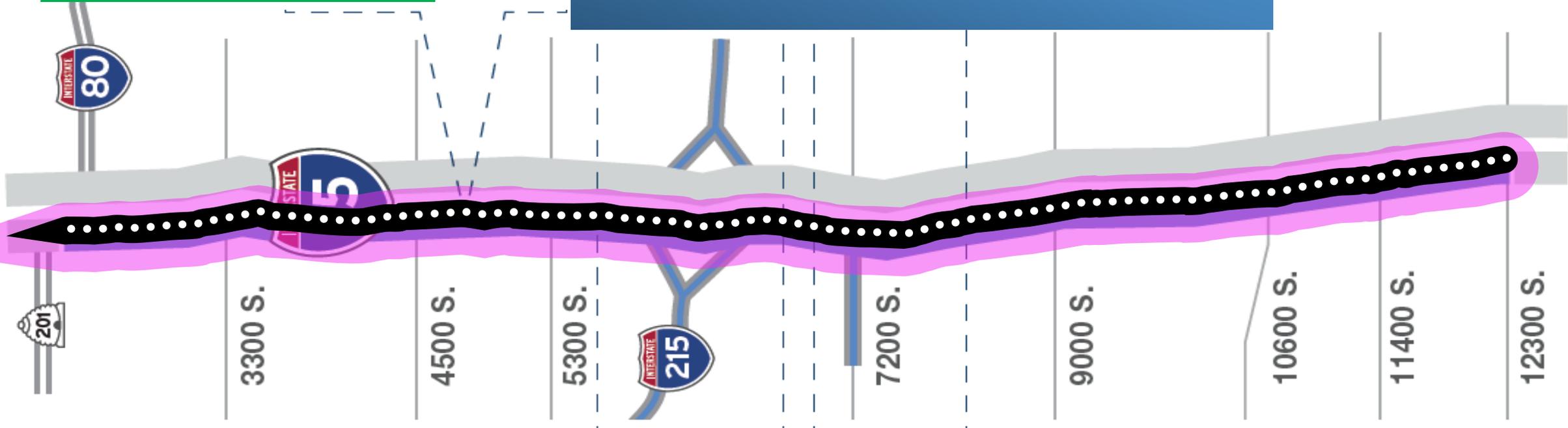
## Widen to include general purpose lane, I-215 Interchange Improvements, 7200 So Widening

Funding Transferred  
from I-15 NB to I-15 SB  
\$ 2,200,000  
**Plus**  
Additional Funding  
\$1,500,000  
---  
Total Project Cost  
Estimate \$ 184,609,000

**Project  
Amendments  
include . . .**

- Relocation of the ATMS System from the I-15 NB to the I-15 SB Project
- Re-striping the entire I-15 SB Project

Additional funding is available from TIF Funds saved from other Projects



**Davis – 500 West; 2000 South to C Street / Antelope Drive (SR-108) Signal  
New Construction, 3-lane facility with signal on SR-108 and Curb, Gutter and Sidewalk**

**Funding Available  
from other Urban Surface  
Transportation Program  
(STP) project's cost savings**

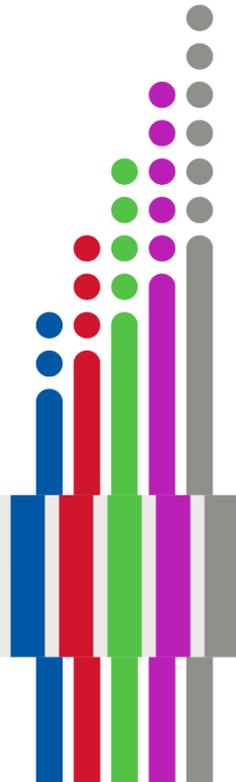
**New Funding  
\$ 1,000,000  
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Total Project Cost  
Estimate \$ 6,766,000**

**Additional  
Funding  
necessary due  
to . .**

- Project Construction Cost
- Additional Right of Way (ROW) and
- ROW Cost Increase

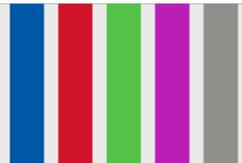


# Tentative 2020 Budget Discussion



# Key Initiatives

- Strategic Planning for Sustainable Growth and Efficiency
- Aligning System Improvements and Expansions with Regional Growth to Meet the Transit Needs of Current and Future Generations
- Exploring Innovative Ways to Increase Mobility and Access
- Leadership Development and Workforce Succession Planning
- Service Implementation Influenced by the Service Choices Study
- Continued Emphasis on the UTA Customer Experience, Safety and Security



# Four Priorities of the Board of Trustees

- State and Legislative
  - Strengthen collaborative relationships
  - Follow the governance model
- Local
  - Foster conversations around achieving shared objectives, fulfilling community needs, economic development and strategic growth
- Public
  - Improve service and rider experience
  - Use Service Choices Study to guide future bus network changes
- Employee Relations
  - Empower and strengthen workforce
  - Increase employee engagement and continuous improvement



# Budget Highlights – Service Changes

- Adding frequency and extended hours for three core bus routes in Salt Lake City
- Designing Ogden/Weber State University BRT project
- Introducing microtransit pilot program in southwest Salt Lake County
- Relocating Airport TRAX station to the Airport's new terminals
- Adding double tracking in northern Utah County along with a new FrontRunner station.

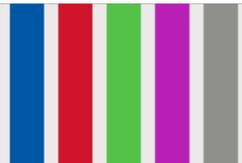
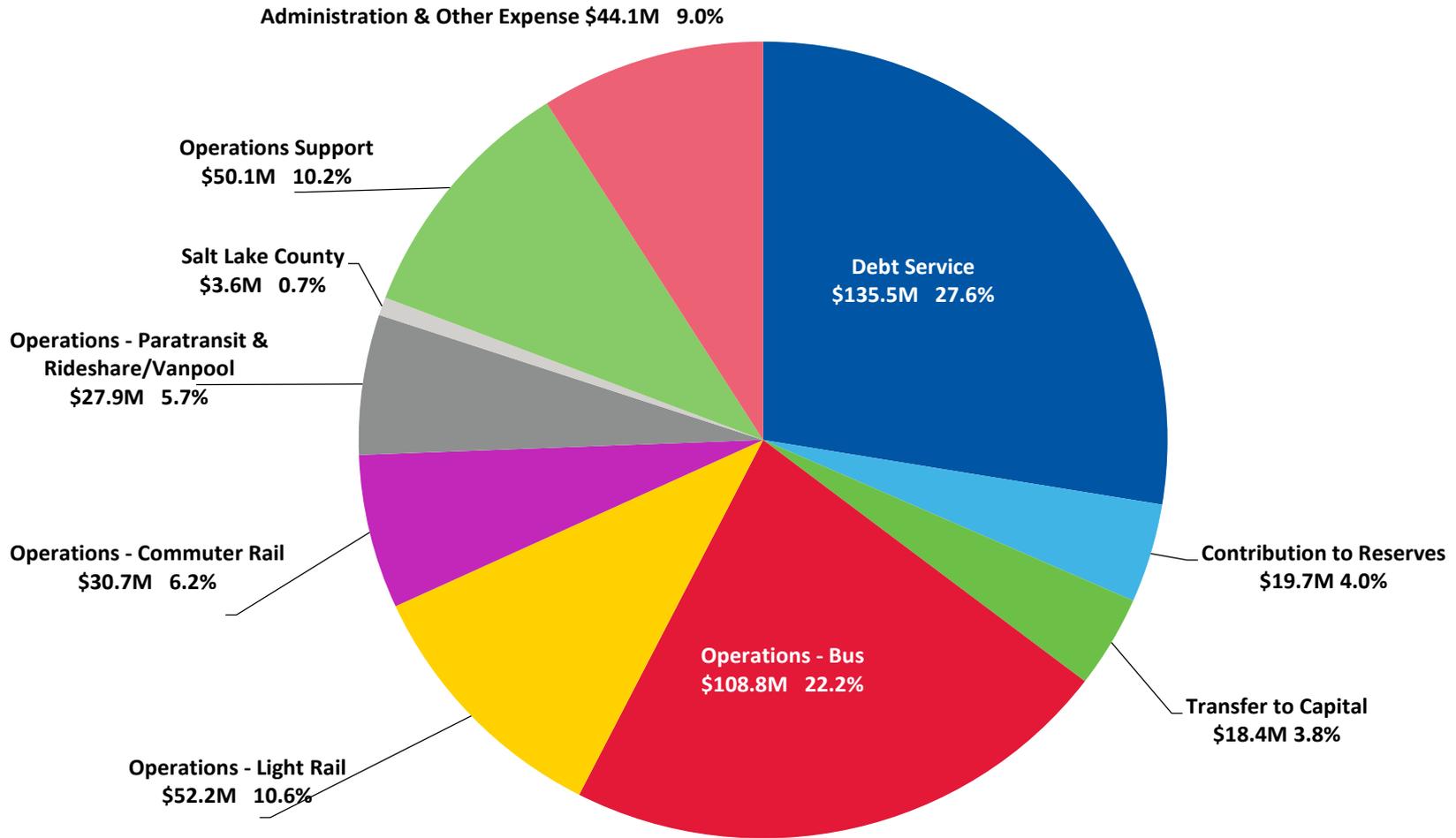


# Budget Highlights - Initiatives

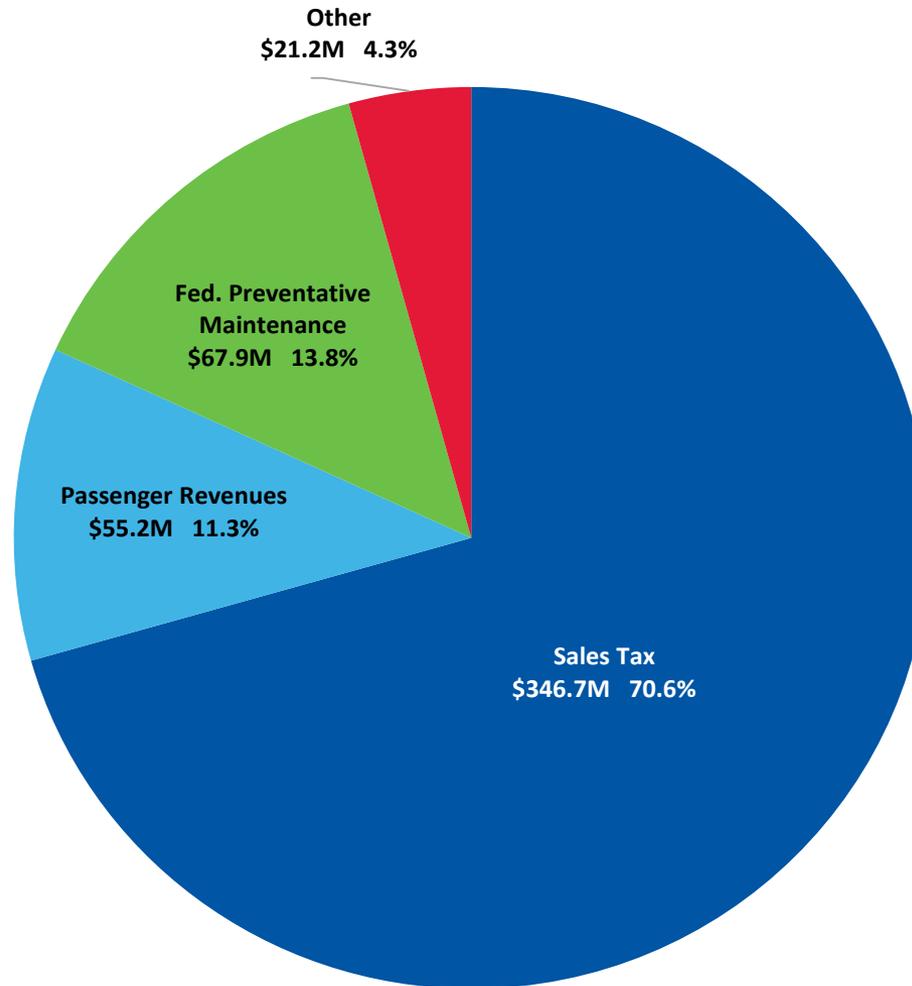
- Dedicate \$59.9 million toward keeping infrastructure in a state of good repair
- Complete Services Choices Study
- Partner with communities to build and maintain new first-mile and last-mile options
- Replace Central bus facility with the Depot District Clean Fuels Technology Center
- Develop a comprehensive wayfinding and signage plan
- Prioritize workforce development
- Enhance customer and community communications



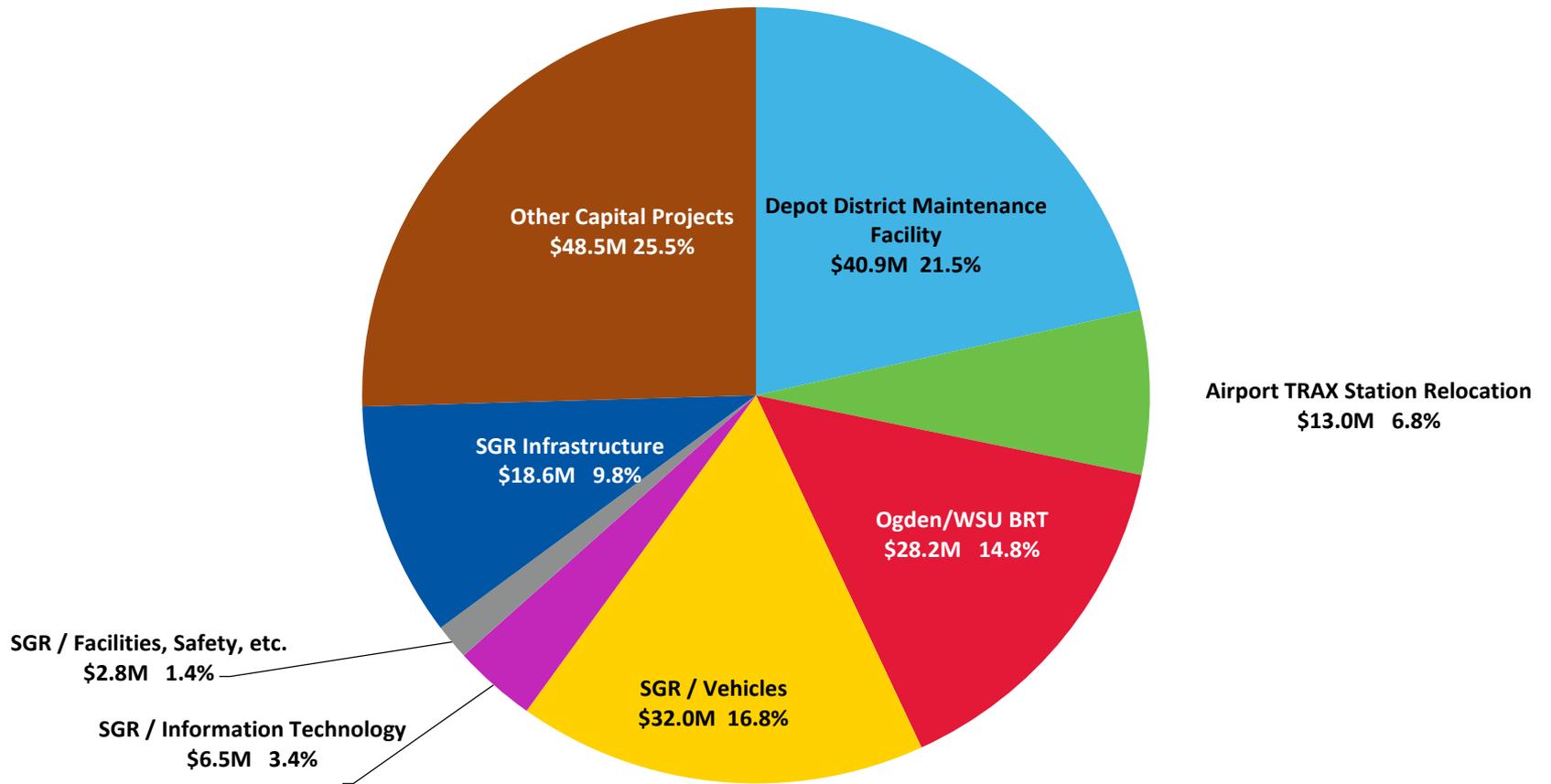
# Tentative 2020 Operating Budget Expense



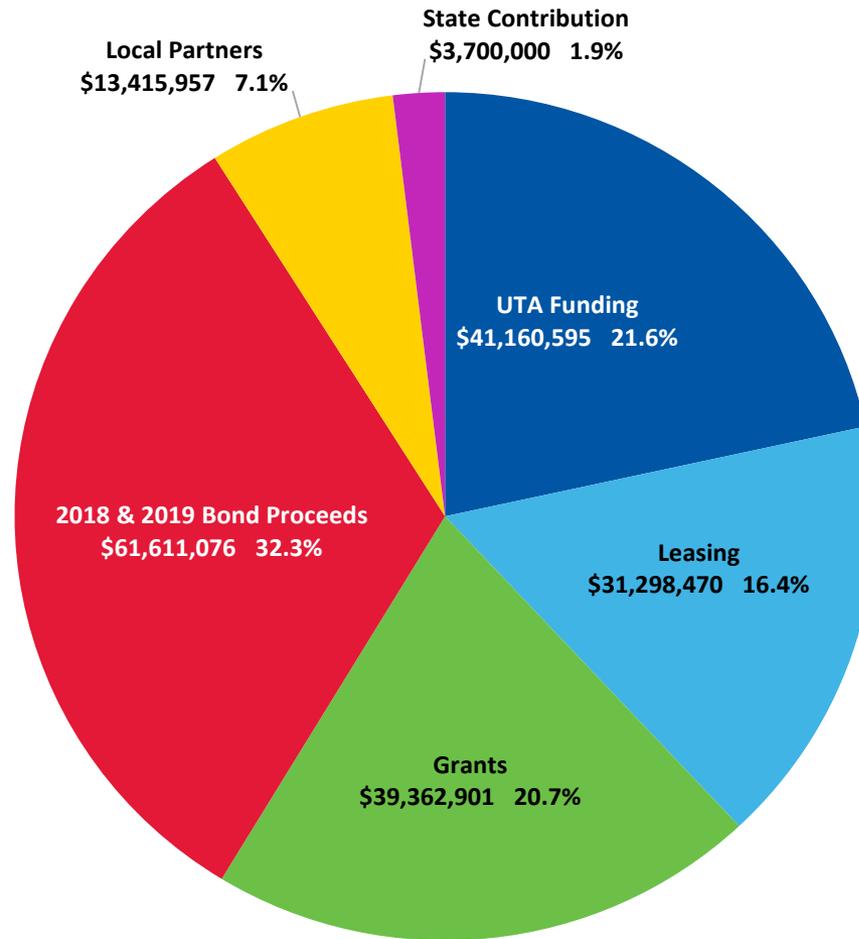
# Tentative 2020 Operating Budget Revenues



# Tentative 2020 Capital Budget - Expense

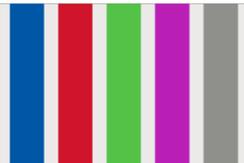


# Tentative 2020 Capital Budget Revenues



# Next Steps

- December 11, 2019
  - Final 2020 Budget Presented
- December 18, 2019
  - Approve Final 2020 Budget



# Northern Utah Transportation Projects

2020-2025

# Northern Utah Projects

- **I-15; SR-232 (Hill Field Road) to Riverdale Express Lanes Addition**  
***Now Under Construction***, Adding Express Lanes in each direction  
Project Value: **\$178 million**. Completion: **Fall 2021**



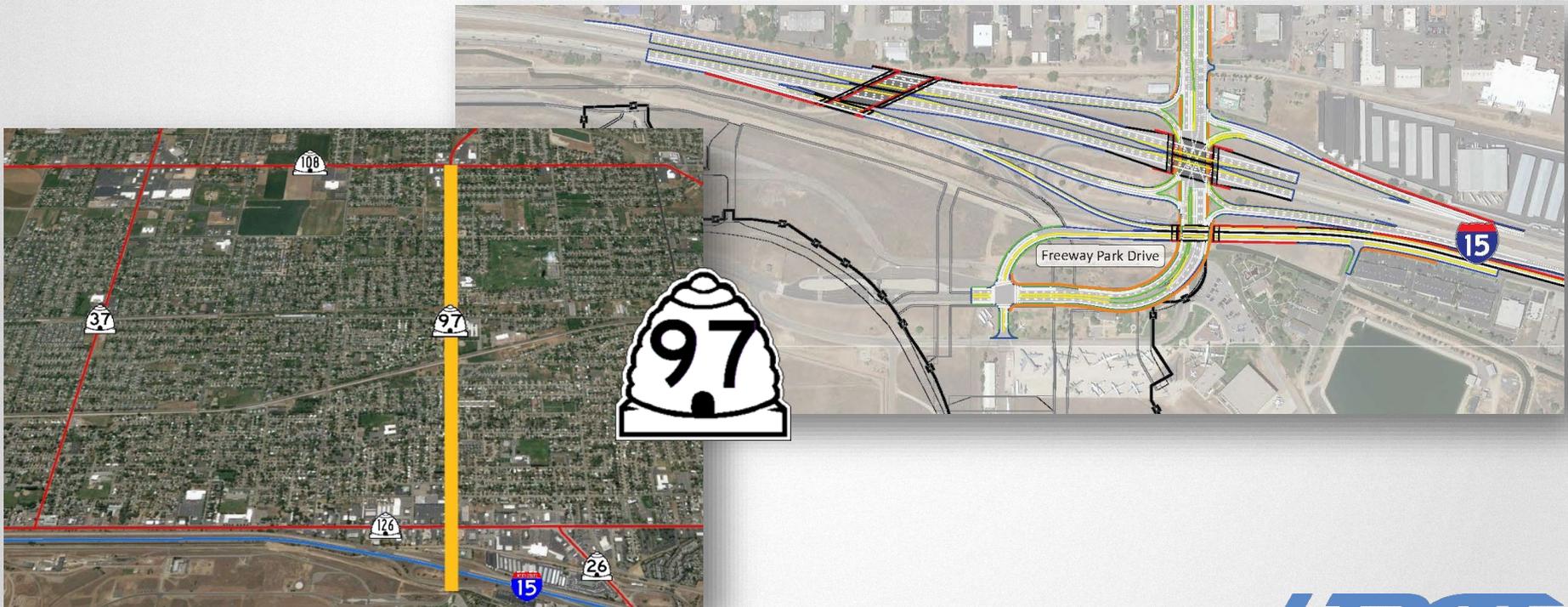
# Northern Utah Projects

- **US-89; from SR-273, Farmington to I-84, Uintah**  
Design underway; Construction in **2020**. Project Value: **\$472 million**



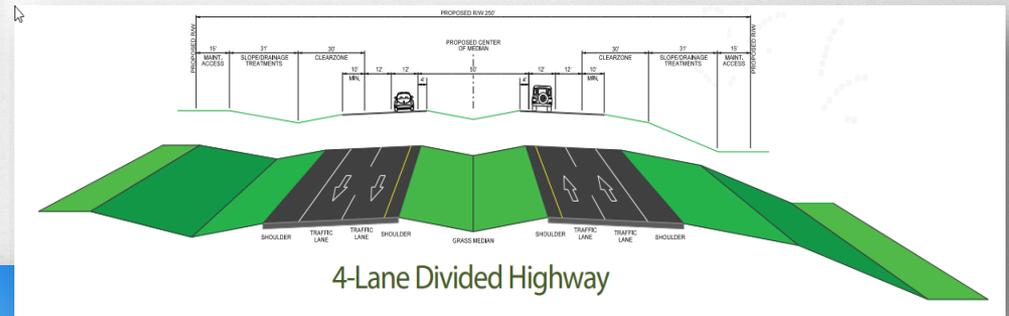
# Northern Utah Projects

- **I-15; SR-97 (5600 South), Interchange and widening of 5600 South in Roy**  
This project, currently an environmental study, would improve the existing 5600 South Interchange on I-15 and widen 5600 South (SR-97) to 5 lanes between I-15 and SR-108 (2000 W). Future Construction project: \$150 Million (Not Funded)



# Northern Utah Projects

- **West Davis** (formerly the West Davis Corridor Environmental Study) New Highway – Phase one from Legacy Parkway to SR-193, West Point  
Forecast Year: **2021**, Project Value: **\$800 million**



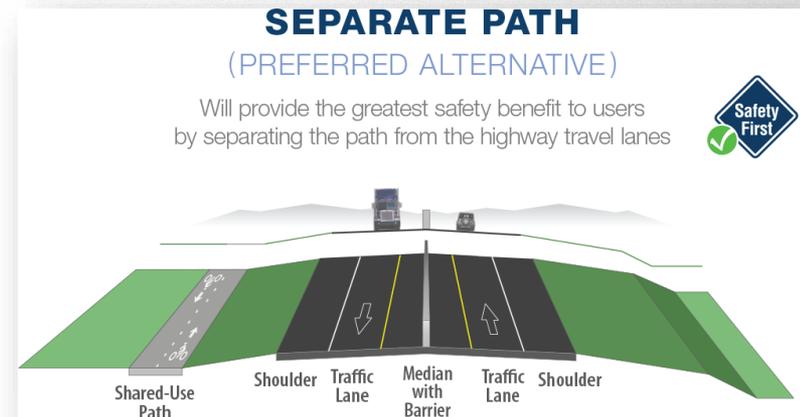
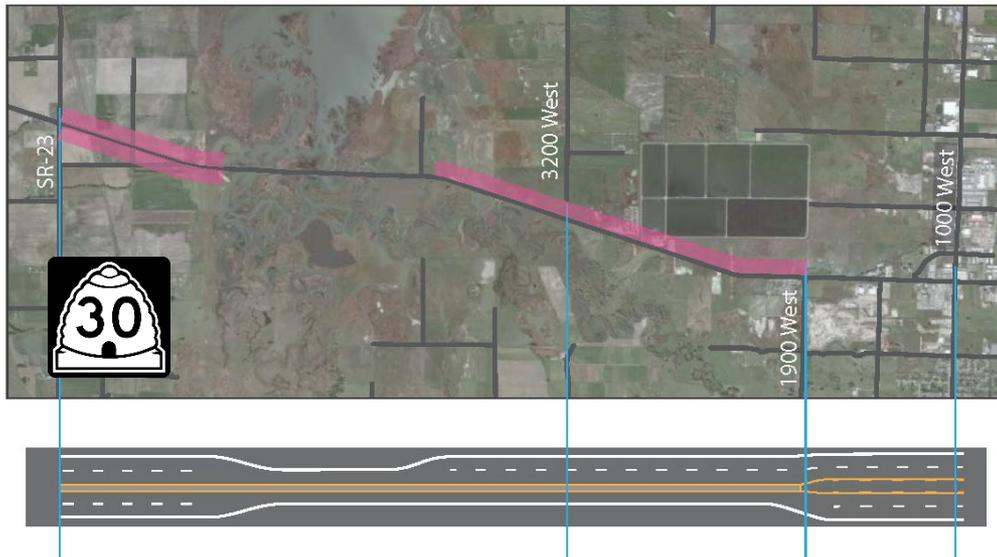
# Northern Utah Projects

- **SR-30; SR-23 to SR-252 (10<sup>th</sup> West)**

*Widen existing roadway 10<sup>th</sup> West to 1500 West, then passing lanes to SR-23*

Forecast Year: **2021**, Project Value: **\$55 million**

Alternative 6E: Extended WB Passing Lane + WB Passing Lane after Wetlands

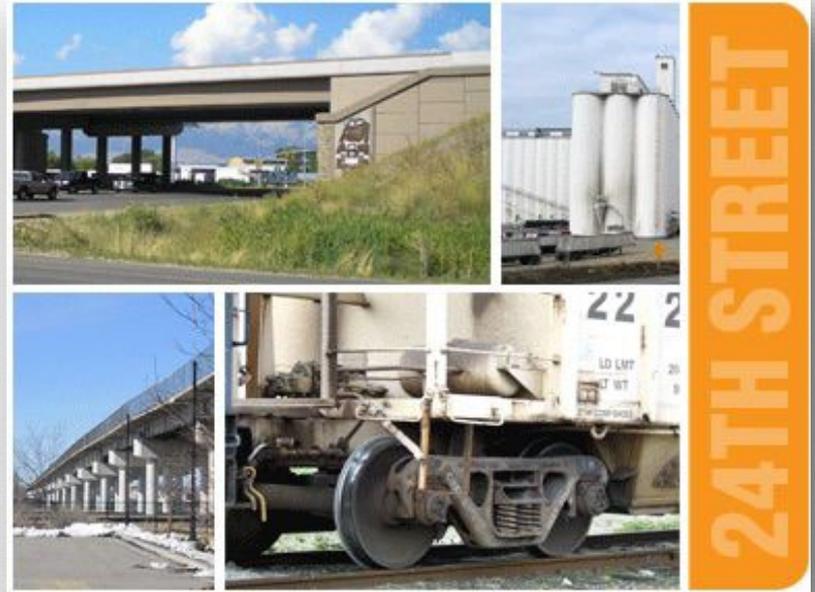
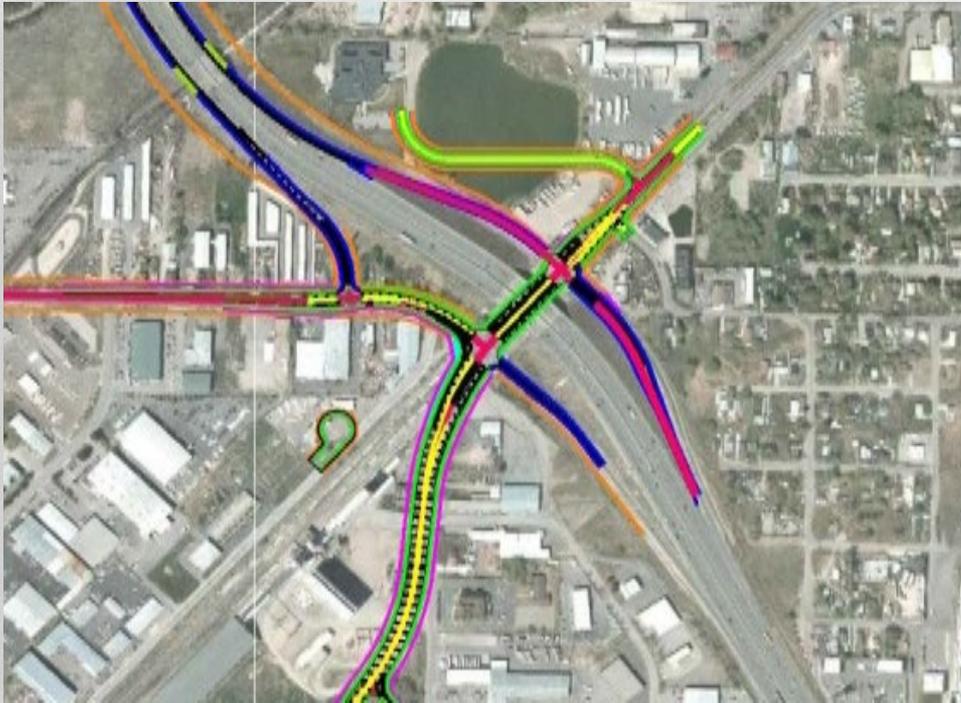


# Northern Utah Projects

- **I-15; 24th Street Interchange**

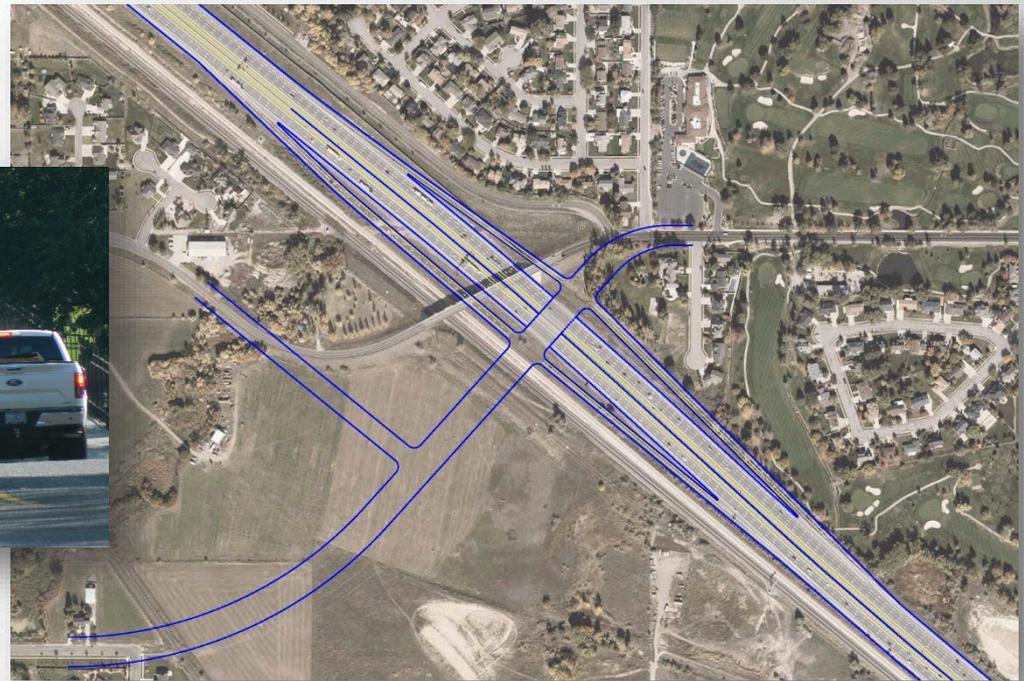
*New full interchange on I-15, improved connecting local streets*

Forecast Year: **2023**, Project Value: **\$96 million**



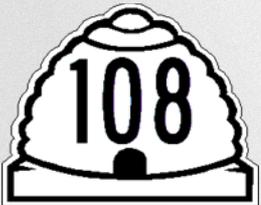
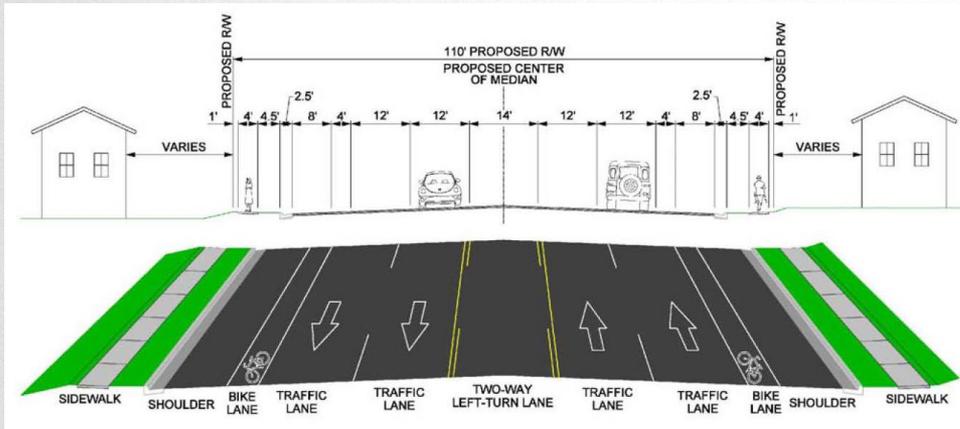
# Northern Utah Projects

- **I-15; Shepard Lane Interchange**  
*New interchange on I-15 serving Farmington, Southern Kaysville*  
Forecast Year: **2023**, Project Value: **\$47 million**



# Northern Utah Projects

- **SR-108, 300 North, West Point, to 1800 North, Clinton**  
*Widening to five lanes, continuing project from Antelope Drive to 300 North*  
Forecast Year: **2023**, Project Value: **\$60 million**



# Northern Utah Projects

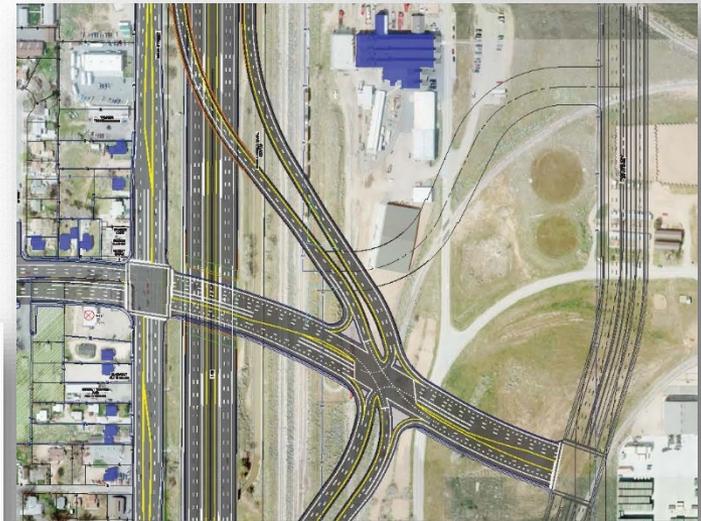
- **I-15; 1800 North Interchange**

*New Interchange on Existing Freeway*

Forecast Year: **2024**, Project Value: **\$90 million**

*(\$114 million funding still needed for RR overpass, widening to 2000 West)*

## 1800 N SR-37 NORTH ENVIRONMENTAL IMPACT STATEMENT



# Questions?