STATEWIDE MPOs ROADWAY GRID STUDY UPDATE

April 2025

FEHR PEERS Horrocks. MAG Expert Resources. Enriching Lives. WASATCH FRONT REGIONAL COUNCIL CMPO CACHE METROPOLITAN PLANNING ORGANIZATION DIXIE METROPOLITAN PLANNING ORGANIZATION UDOT Keeping Utah Moving UTA SUNTRAN connect

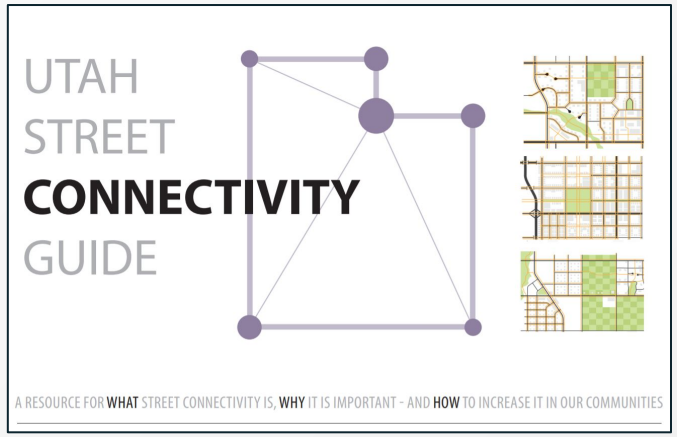
STUDY PURPOSE & GOALS

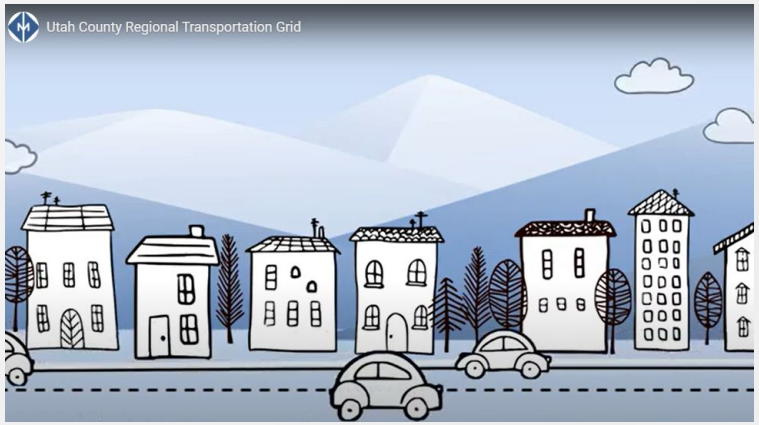
STUDY PURPOSE

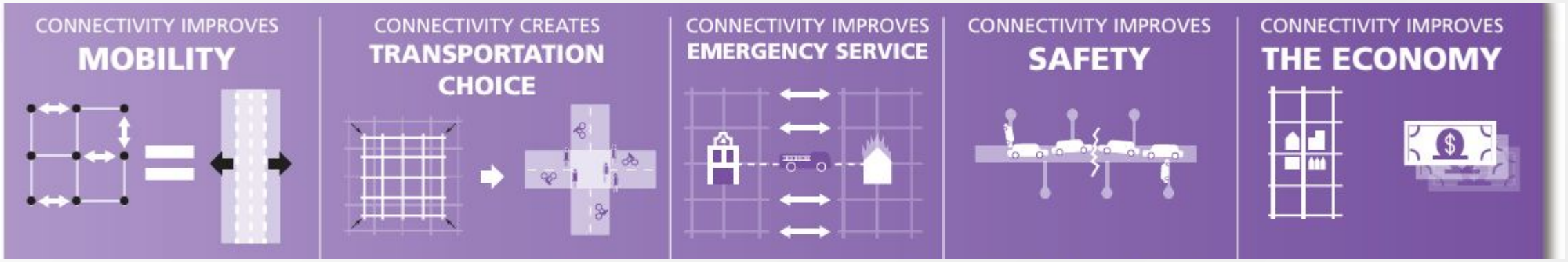
- Initiated by legislative directive (2023 SB2)
- Co-led by Utah MPOs (MAG, WFRC, Cache, Dixie) in collaboration with UDOT and transit providers
- Charged with designing an optimal, prioritized, and feasible grid network for each MPO region
  - Including opportunities for a more complete grid to enhance transit and active transportation
  - Promising projects from this effort will be considered for inclusion in each MPO's RTP process

GRID NETWORK BENEFITS

Building on prior research and studies to **identify new, regionally significant connections and projects** to improve mobility for all four of Utah's MPO regions







STUDY GOALS

ASSESS CONNECTIVITY & GRID FUNCTION

We will assess how each of our MPO regions perform as a regional grid network for all modes, and where connectivity challenges exist now and in the future.

DEVELOP SOLUTIONS

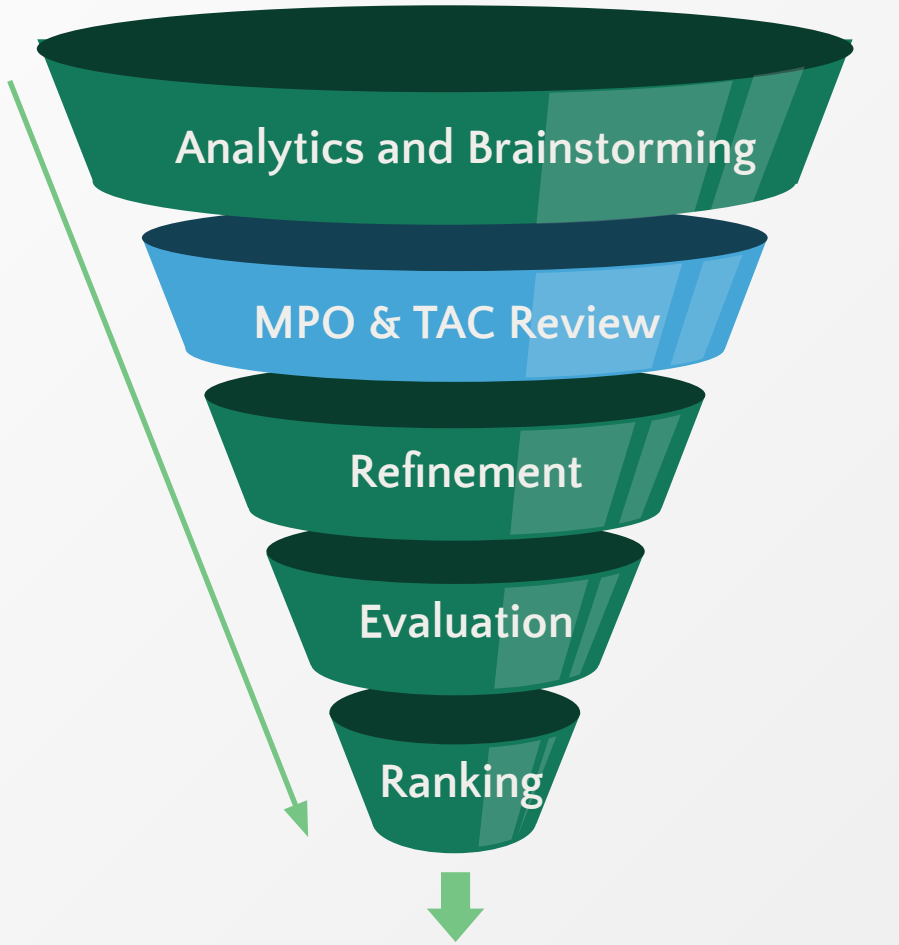
Develop, test, and prioritize new and improved connections that help each region's network function better and realize grid network benefits.

PREPARE TO IMPLEMENT

Provide localities and agencies with a toolbox to formalize recommendations in plans and pursue implementation, including cost estimates and funding / ownership options.

PROJECT DEVELOPMENT

PROJECT DEVELOPMENT ROADMAP



NETWORK ANALYSIS & METRICS

ACCESSIBILITY

How well can people access desired destinations across the network via different modes?

EFFICIENCY

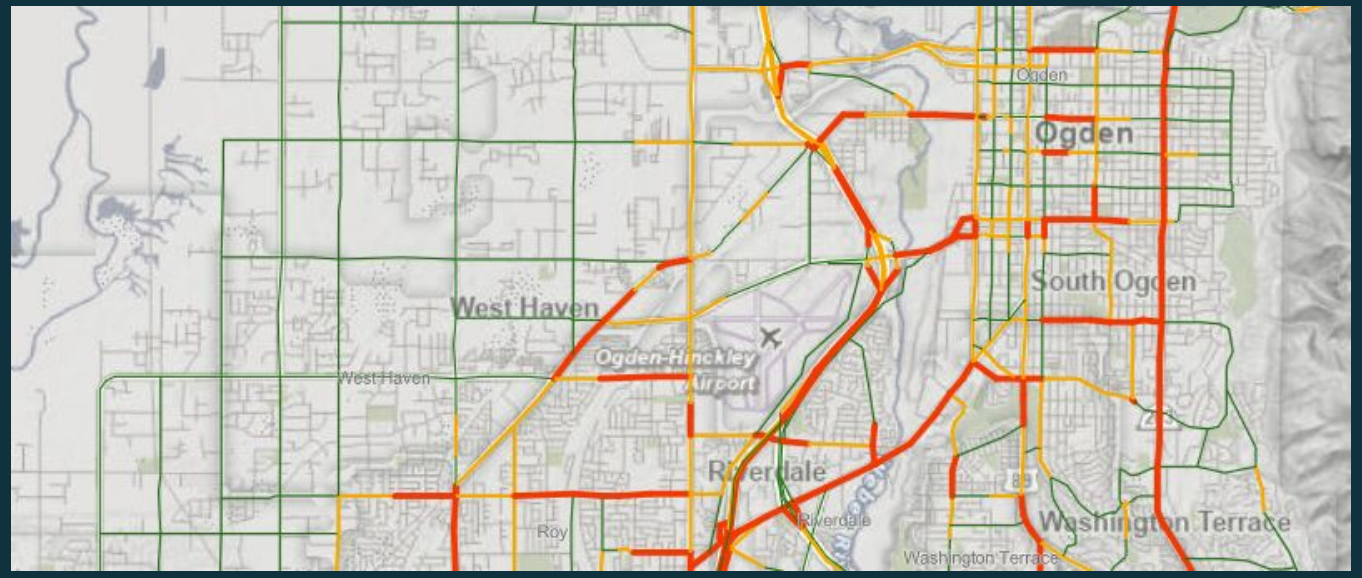
Does the network use scarce resources (space, time, money) effectively to achieve transportation outcomes?

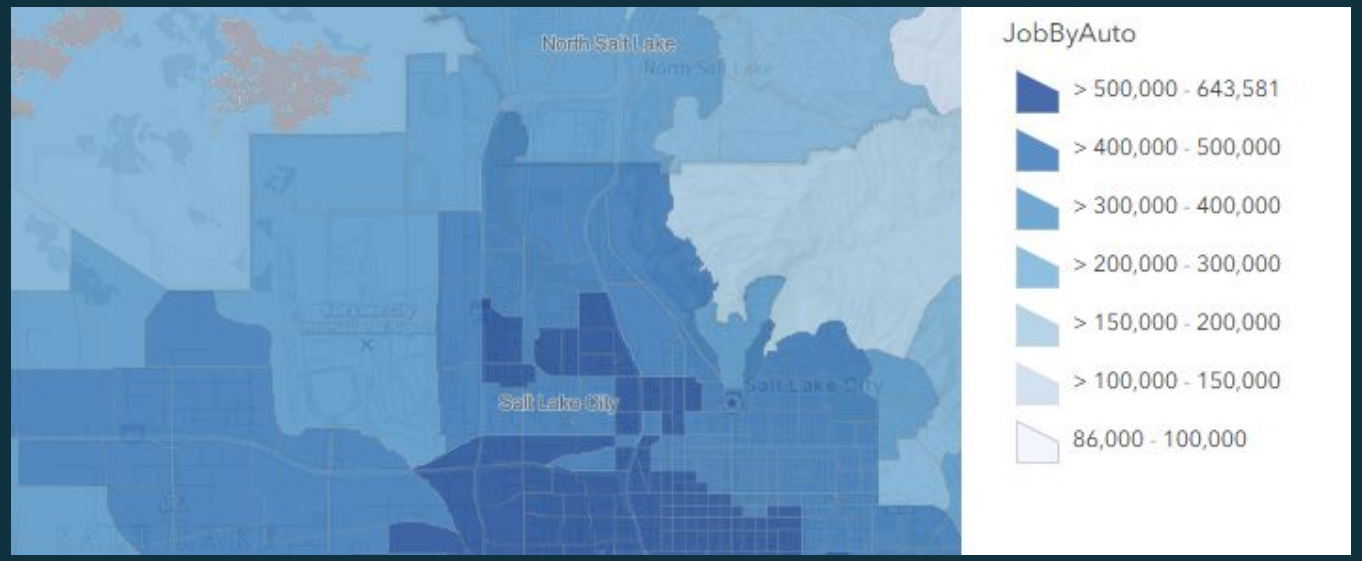
RESILIENCY

How well can the network function across changing conditions?

FAIR ACCESS

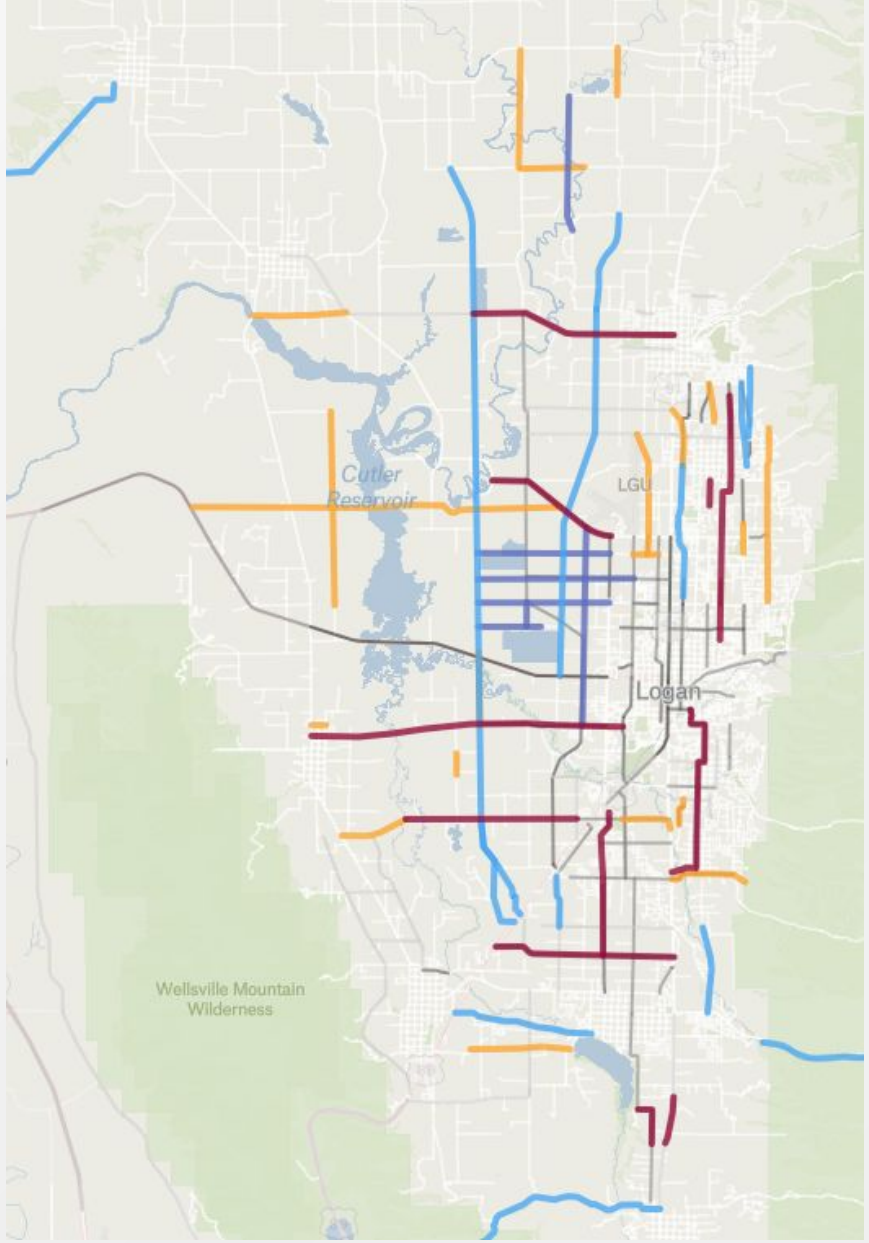
How much does connectivity vary across geography and income groups?





PROJECT CONCEPTS

- "A to B" Connections with alignments yet to be determined, driven by mobility needs and opportunities
- Based on regional data, agency workshops and comments, and project team brainstorming
- High-level concepts for addressing missing links, backbone networks for growth areas, regional connections, and key capacity improvements



WE NEED YOUR FEEDBACK

Some of these projects may be **challenging or controversial**

Our charge from the legislature is to **explore what works best** for the overall transportation grid – not just what's easiest

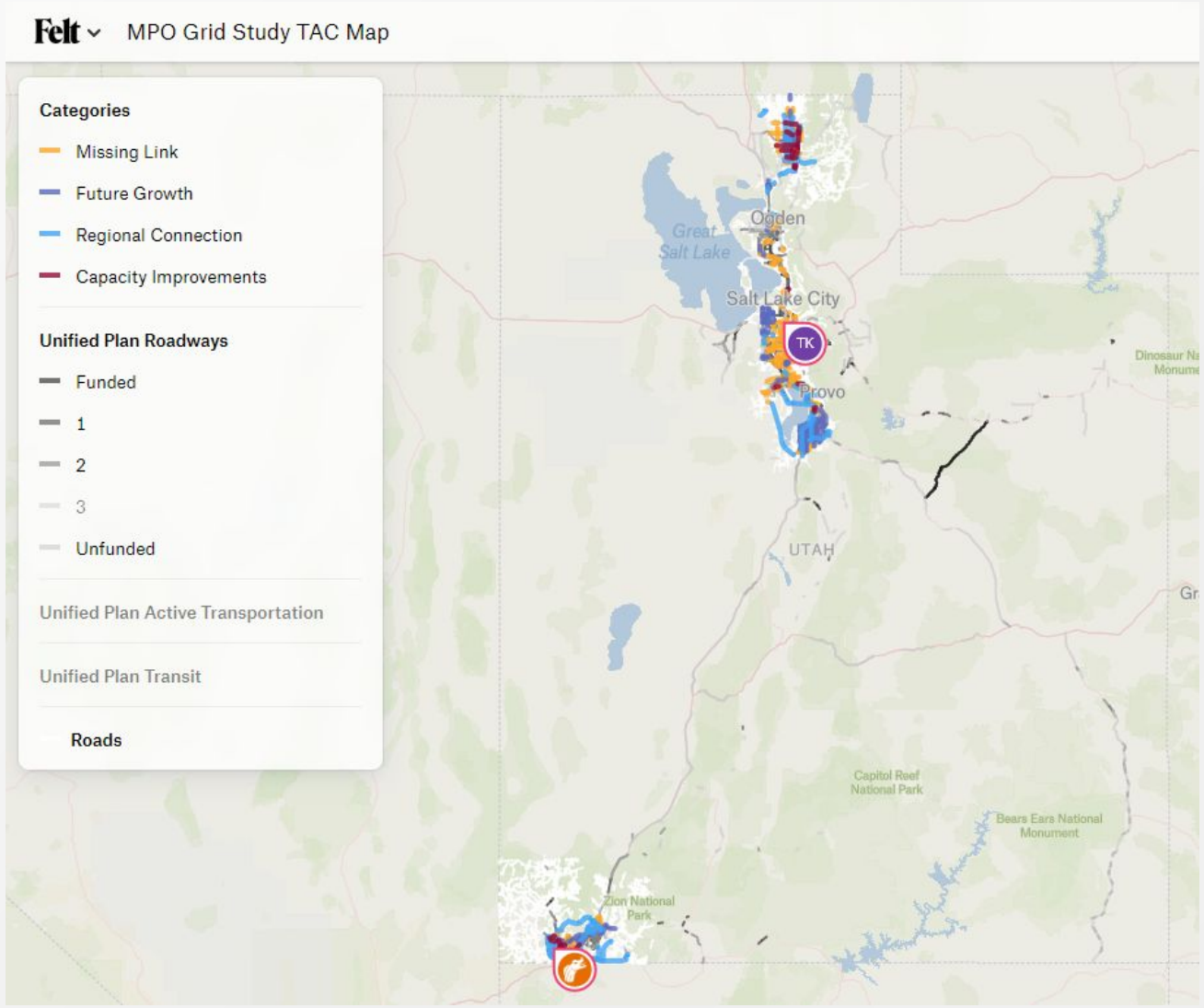
Expect **rough concepts** – some may be advanced as shown, others may need major revisions or be eliminated

Your professional expertise and local knowledge is key to moving the best concepts forward

Projects that emerge from this study may be vetted and prioritized through the **RTP process**

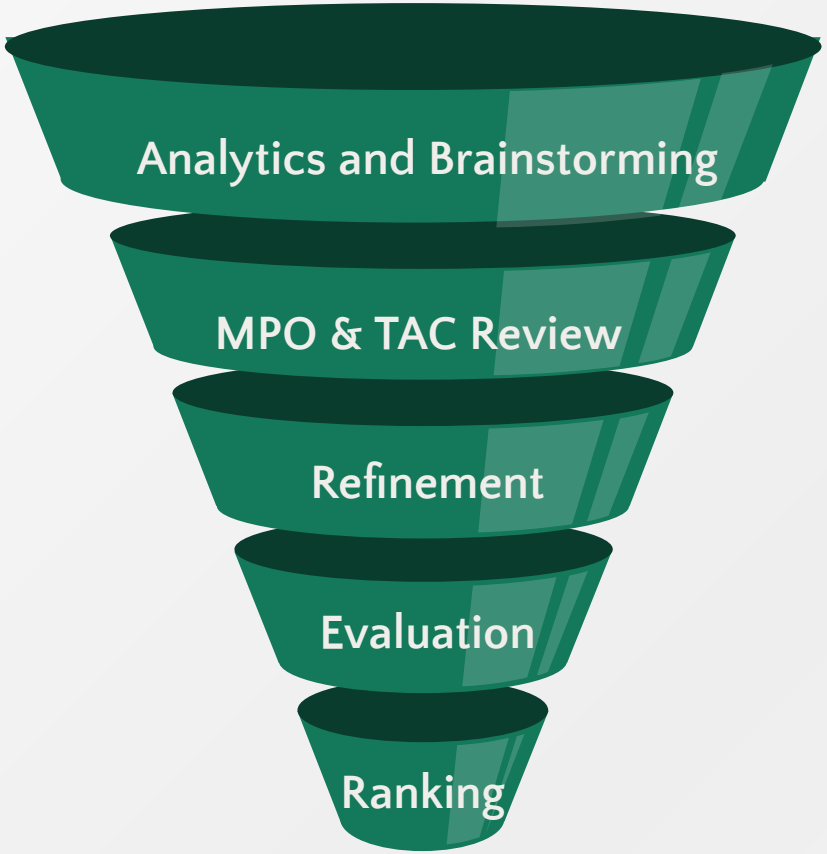
HOW YOU CAN HELP

- Share concerns, past planning efforts, or community context
  - Are there **fatal flaws or major concerns** with these concepts?
  - Has a **similar concept been studied or proposed before** in your area?
  - Do you have **suggestions for refinements** or alternative alignments?
- We want to understand the good, the bad, and the ugly for each concept
- Call out when a project is difficult, but also potentially beneficial or transformative



NEXT STEPS

- Refine projects based on your input
- Screen against evaluation criteria to identify tiered lists of concepts
- Additional outreach and updates through TACs
- Develop concept sheets and cost estimates for most promising projects



QUESTIONS?

ITEM 4 | Transportation & Land Use Connection 2025 Awards

Matt Ryan, Community Planner

RGC Technical Advisory Committee , April 16, 2025

WFRC

What is “TLC?”

Planning technical assistance program linking:

LAND USE + TRANSPORTATION + ECONOMIC DEVELOPMENT

TRANSPORTATION AND LAND USE CONNECTION

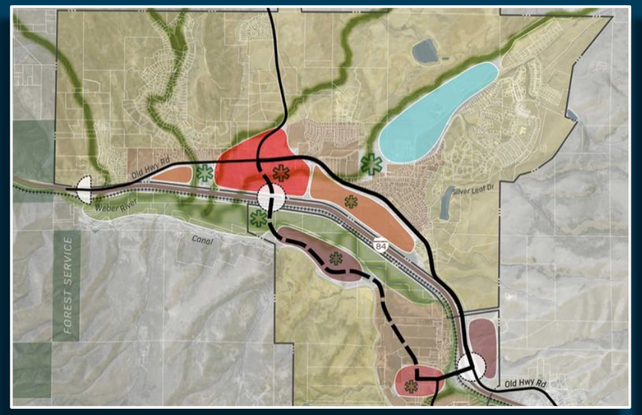
- **Maximize the value of investment in public infrastructure.**
- **Enhance access to opportunities.**
- **Increase travel options to optimize mobility.**
- **Create communities with opportunities to live, work, and play.**

WFRC LTDOT udot.utah.gov UTA SALT LAKE COUNTY Governor’s Office of Planning and Budget

Eligible TLC Projects

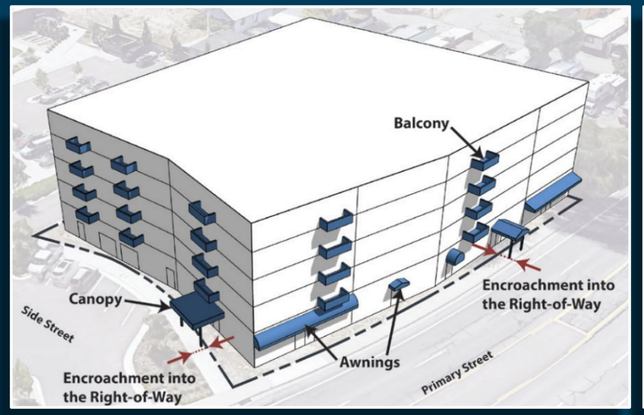
TRANSPORTATION AND LAND USE CONNECTION

Plans

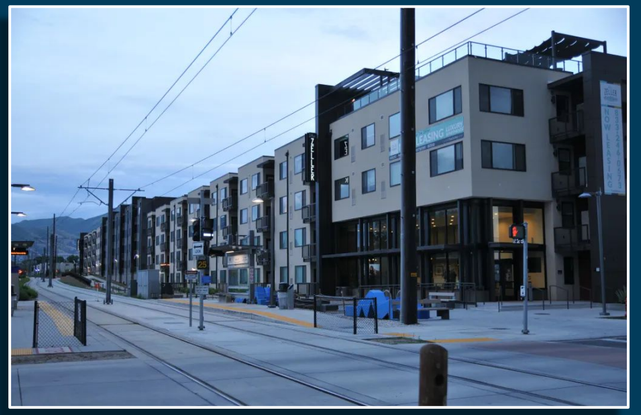


Design

Ordinances



Implementation Strategies



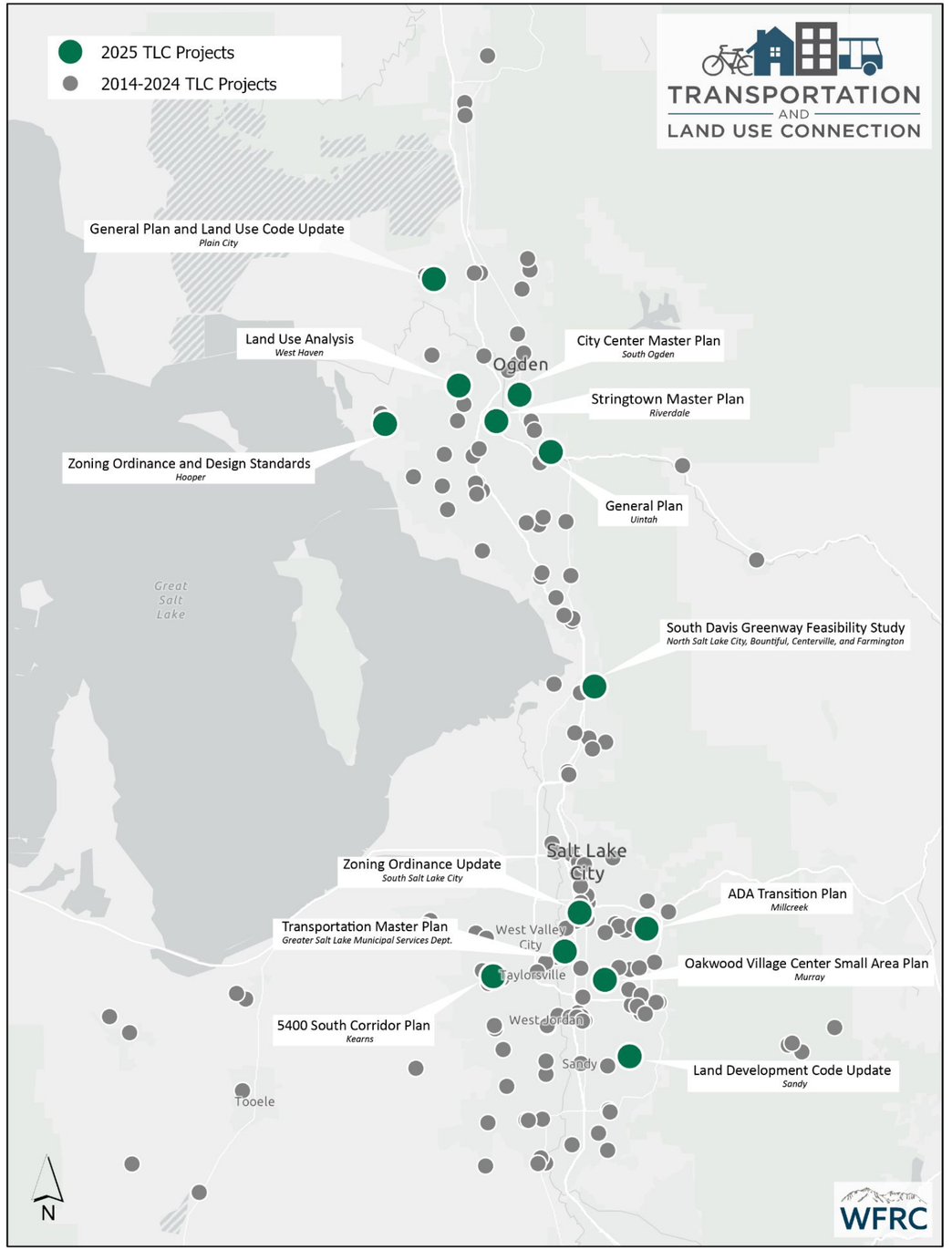
2025 TLC Awards

13 projects!

$1,986k in project funds!

$1,570k tlc $415k local match

TRANSPORTATION AND LAND USE CONNECTION



2025 TLC Awards: Small Area Plans, Centers

- **Murray Oakwood Village Center Small Area Plan**
  - **$102.5k TLC, $110k total**
- **Riverdale "Stringtown" Master Plan**
  - **$200k TLC, $260k total**
- **South Ogden City Center Master Plan**
  - **$110k TLC, $120k total**

South Ogden City Center (top left), as identified by the City's 2023 General Plan

Courtesy of Landmark Design

An aerial view of Oakwood Village today

Source: Google Images

TRANSPORTATION AND LAND USE CONNECTION

2025 TLC Awards: City Wide Plans and Ordinances

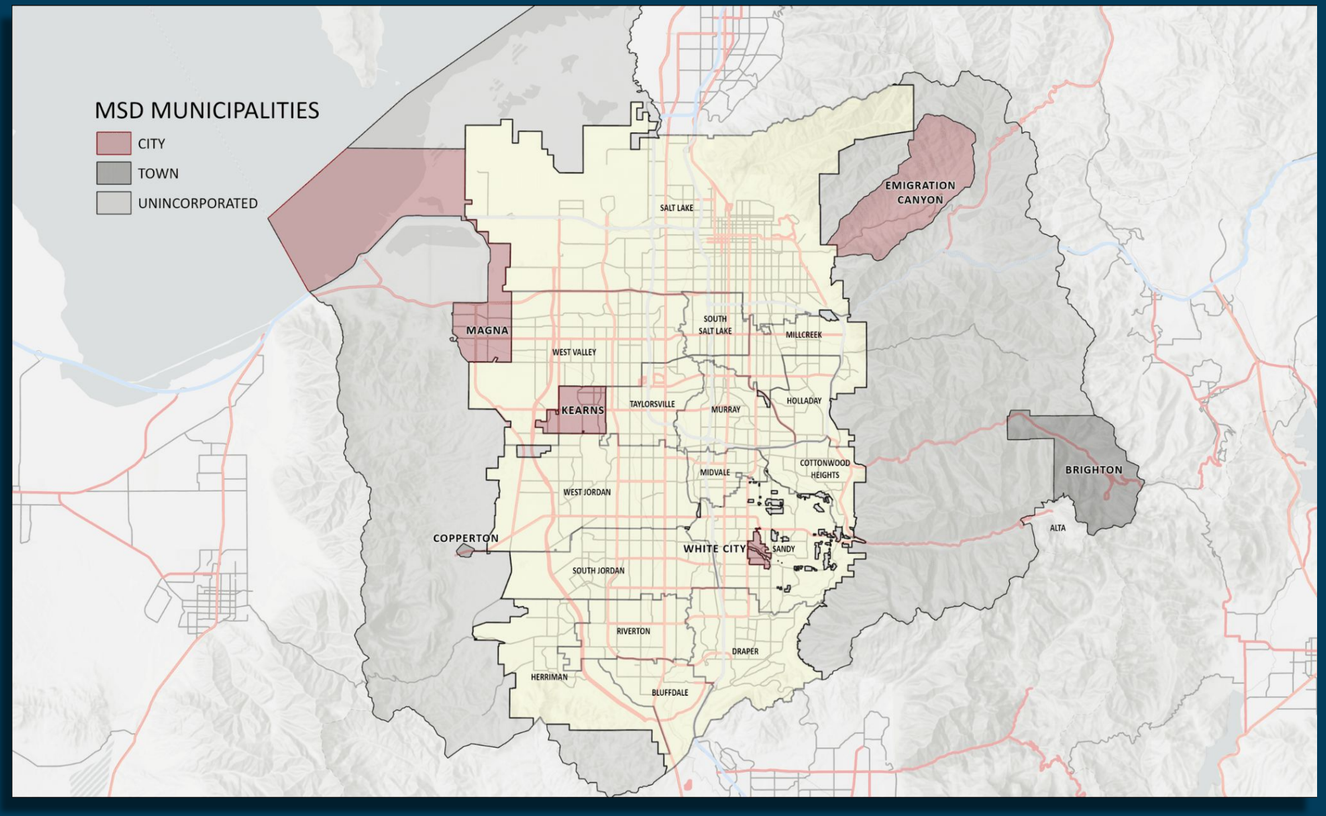
- Millcreek ADA Transition Plan
  - $13.25k TLC, $14.25 total
- Sandy Land Development Code Update
  - $200k TLC, $325k total
- South Salt Lake City Zoning Ordinance Update
  - $250k TLC, $275k total
- Hooper Zoning Ordinance and Design Standards
  - $90k TLC, $100k total
- Plain City General Plan and Land Use Code Update
  - $120k TLC, $130k total
- Uintah General Plan
  - WFRC staff time
- West Haven Land Use Analysis
  - $50k TLC, $56.7k total

TRANSPORTATION AND LAND USE CONNECTION

2025 TLC Awards: Contextual Transportation

- **Kearns 5400 South Corridor Study**
  - **$120k TLC, $150k total**
- **South Davis Greenway Feasibility Study**
  - **$115k TLC, $145k total**
- **Municipal Services District Transportation Master Plan**
  - **$200k TLC, $300k total**

Greater Salt Lake Municipal Services District (MSD) Area



Source: Greater Salt Lake MSD

TRANSPORTATION AND LAND USE CONNECTION

PLANNING TECHNICAL ASSISTANCE

LAND USE + TRANSPORTATION + ECONOMIC DEVELOPMENT

Transportation and Land Use Connection

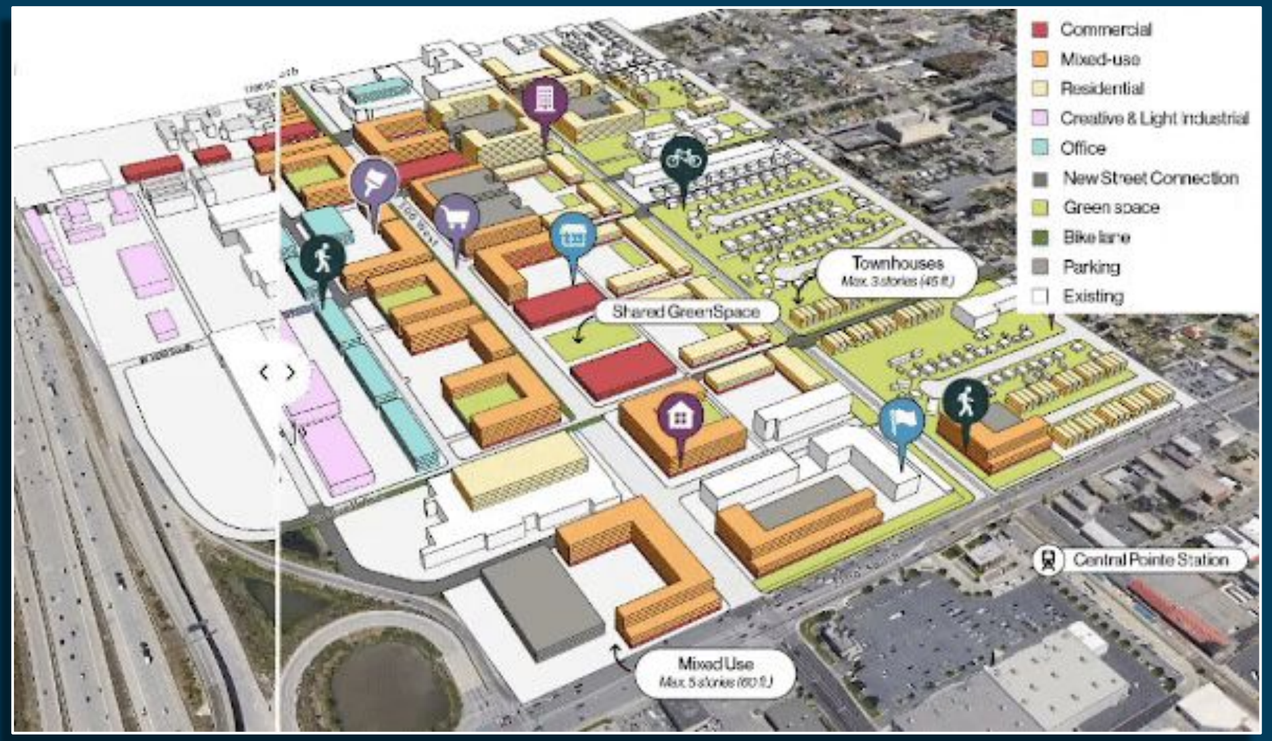
region wide, competitive technical assistance program

Station Area Planning

surrounding fixed transit and BRT, rolling applications

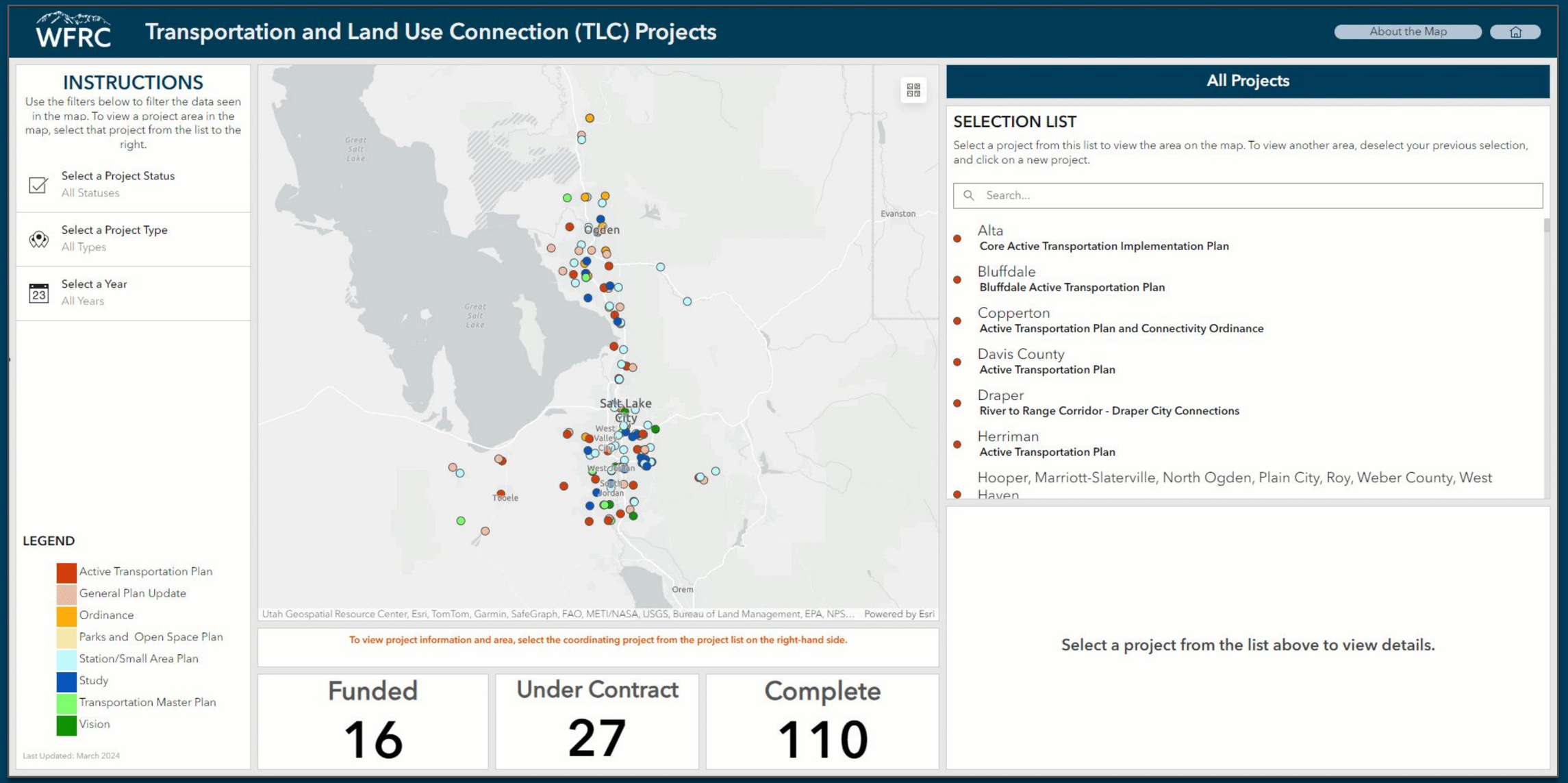
Other staff support and expertise

ordinance assistance, project cultivation



The future of Central Pointe in South Salt Lake City

TLC Interactive Map!



Additional TLC Resources:

Transportation and Land Use Connection Website

Learn more about the program

TLC Interactive Map

Explore past and present projects throughout the region

2025 TLC Awarded Projects

View project budgets and descriptions

Station Area Plan Certification & Technical Assistance

Everything you need to know about the station area planning process

Ordinance Assistance Application

Code changes to help meet your community's goals for growth

Coming Soon:

bikeways.utah.gov

(web map and data project)

RGC TACs

April 16, 2025

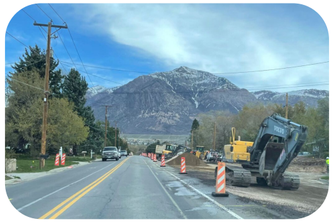
Bert Granberg, WFRC Analytics

WFRC
Analytics

WFRC

REGIONAL TRANSPORTATION PLAN

What types of projects are in the Plan?



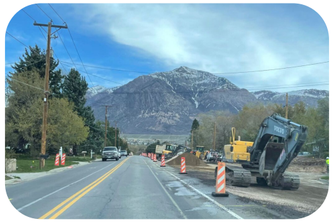
UDOT Keeping Utah Moving + Cities & Counties + UTA

WFRC

GIS Data Stewards

UGRC

UDOT Keeping Utah Moving



UTA

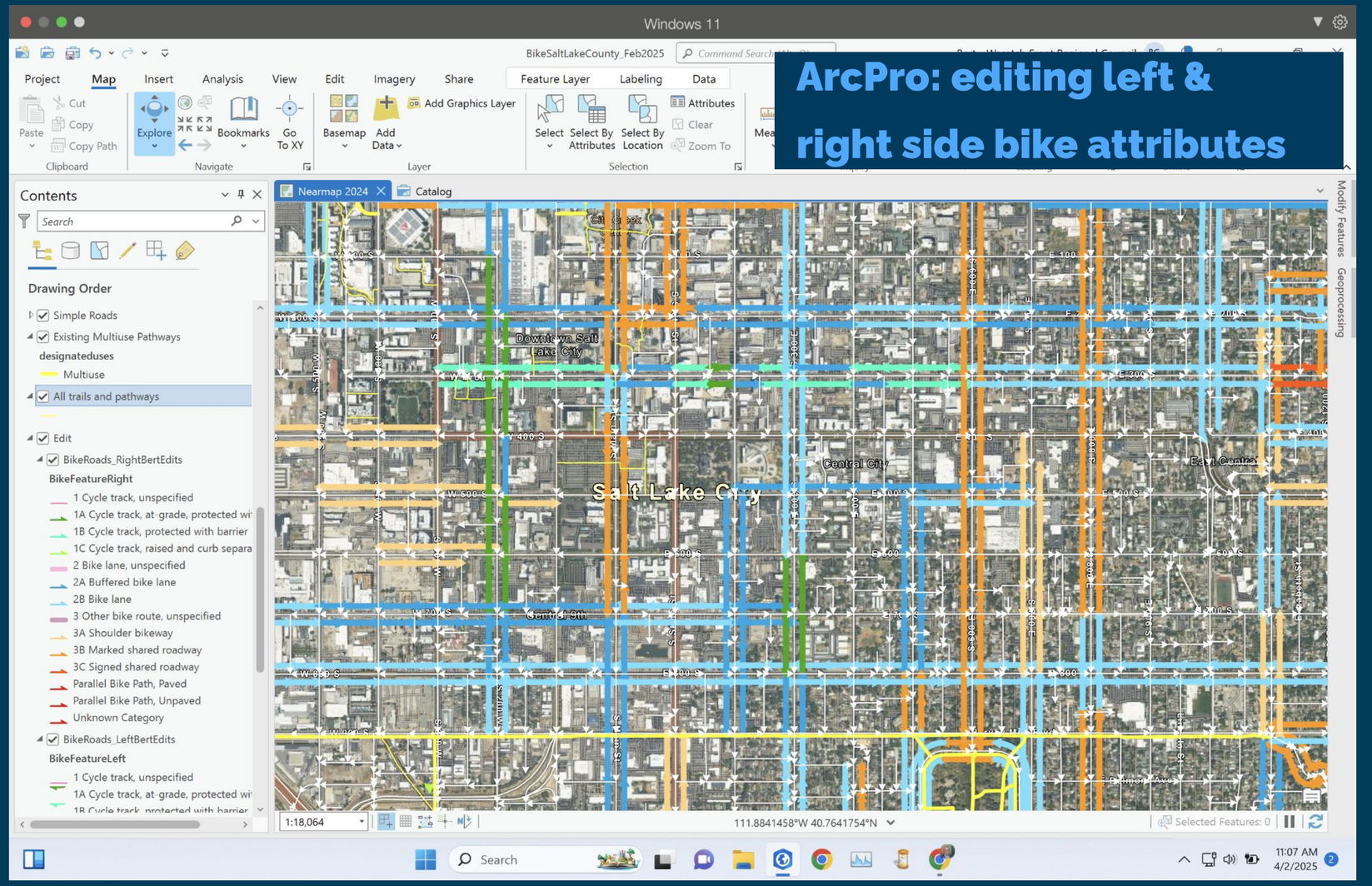
???

Mapping the Landscape of Cycling Opportunities

The value of knowing what's on the ground…

Bikeways GIS map layers:

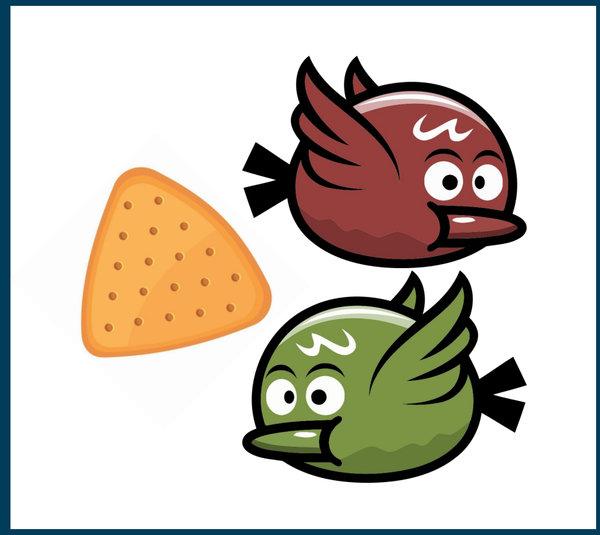
- **On-street:** Cycle tracks bike lanes & designations
- **Off-street:** Trails/Pathways



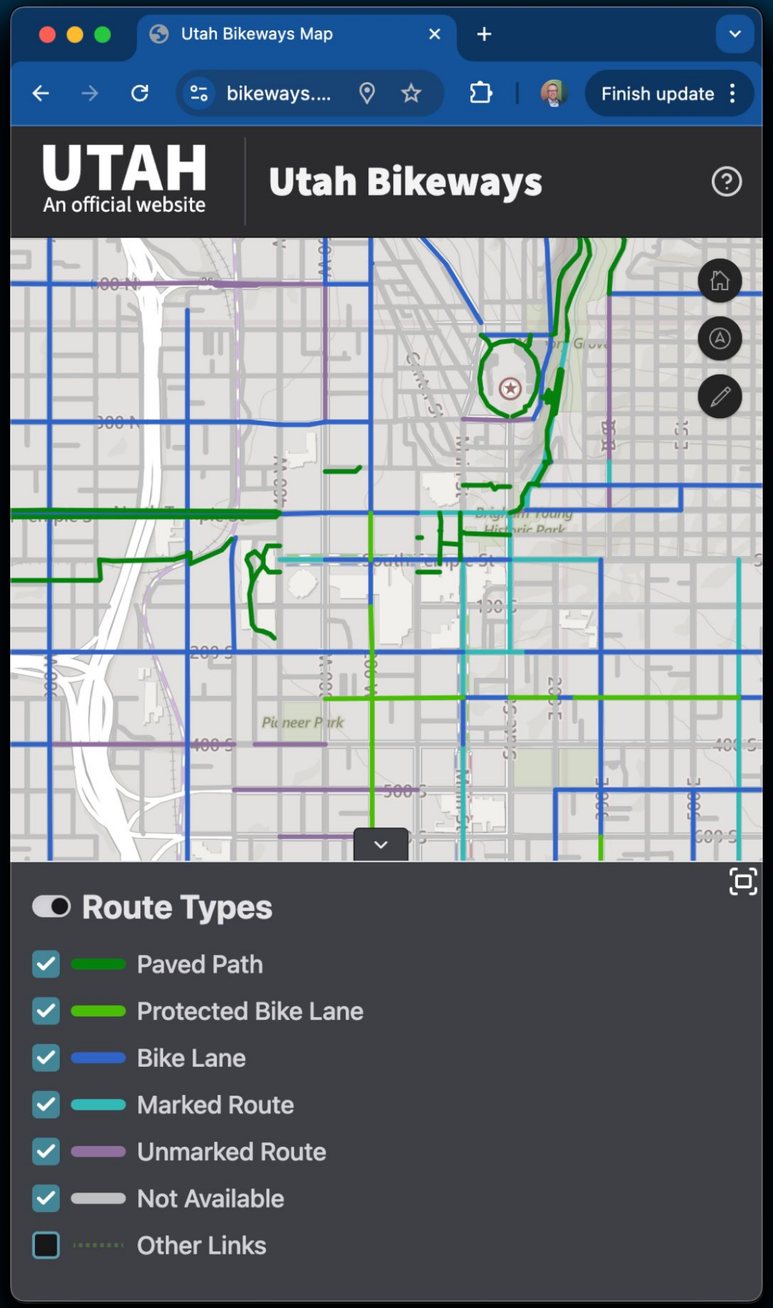
Can we feed two birds with one scone?

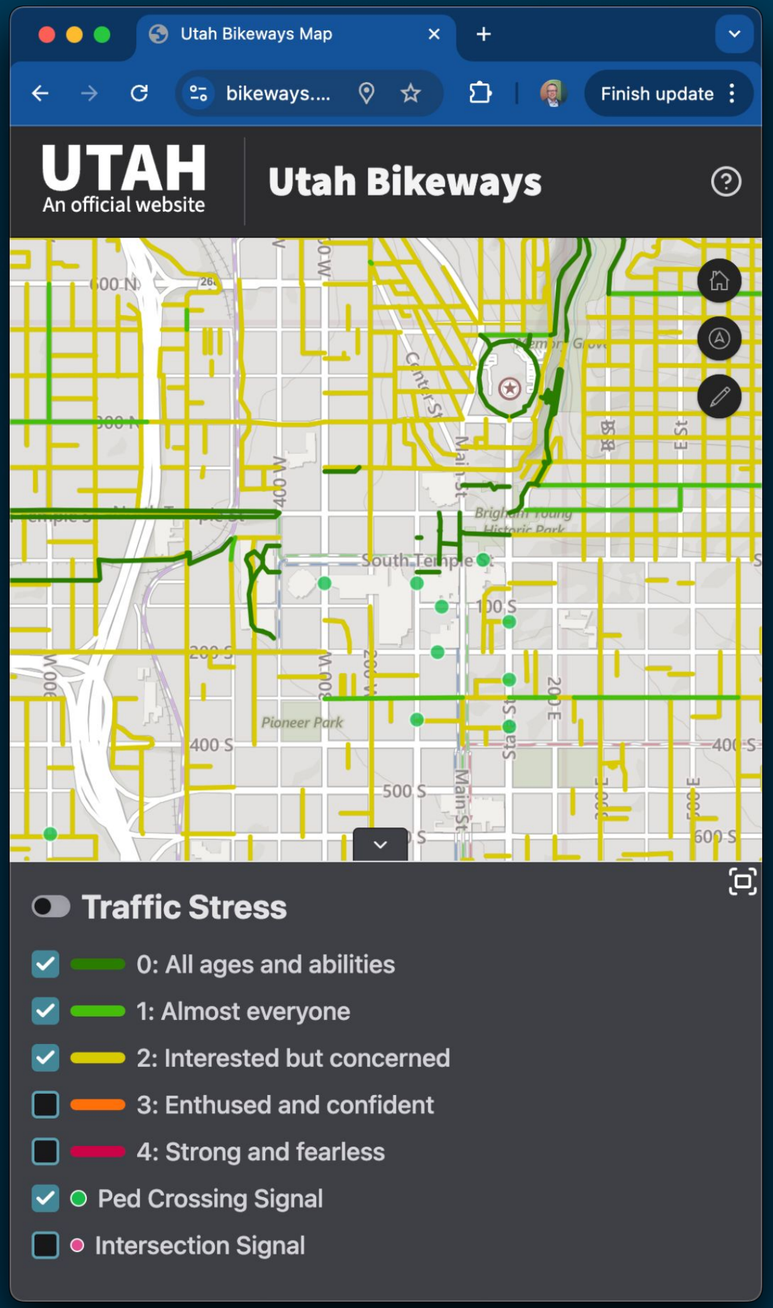
- *#1 Keep bicycle map data current with latest additions:*
    - *You just completed a bike lane or pathway project – let's get it on the map!*
- *#2 Create a product for basic, public use*
    - *New cyclists → seasoned cyclists*

→ *bikeways.utah.gov* *(release target, late May 2025)*



Route Type View (default)

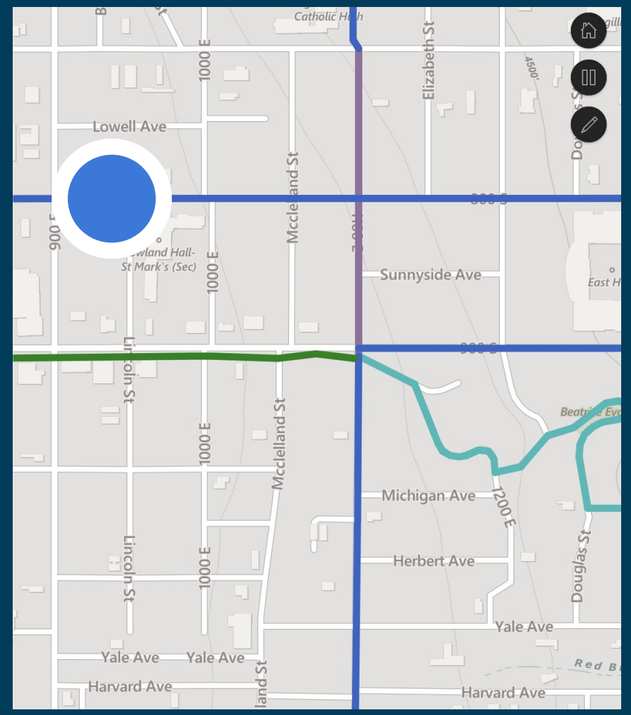




Level of Traffic Stress View

bikeways.utah.gov features:

- Layer control for both ***Route Types*** and ***Levels of Stress***
- Mobile-first design
- Works with devices' built-in GPS "blue dot" →
- Submit and direct feedback
- Enables quick update turnarounds
- Seamless (*within Utah*)
- Downloadable GIS Data



Contributors:

App dev, hosting, data: Utah Geospatial Resource Center

Data upkeep partners:

- *Regional*
  - *WFRC area update: Summer 2024*
  - *MAG area update: Summer 2023*
  - *Forthcoming updates: UDOT, Dixie, Cache*
- *City GIS data and other feedback submissions*

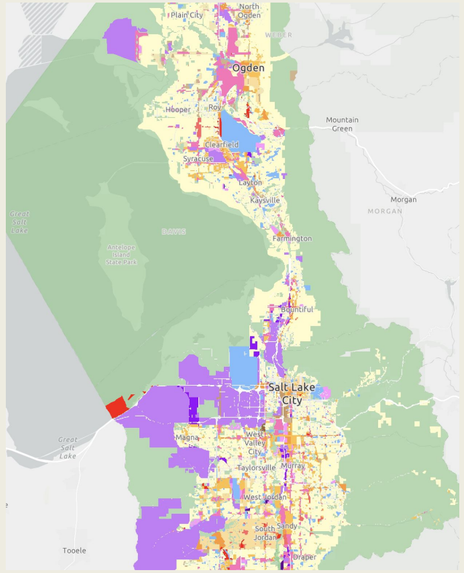
Update cycle:

- *Annual updates (winter)*
- *Major review (with aerial photography releases)*
- *Ongoing editing*

Generalized Future Land Use (GFLU)

RGC TACs

April 16, 2025



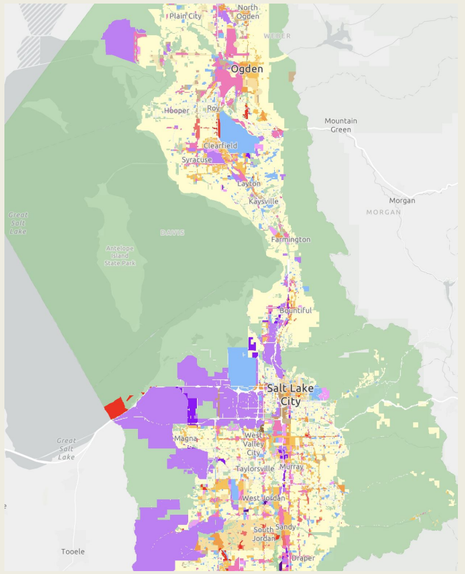
GFLU

maps.wfrc.org

Generalized Future Land Use (GFLU):

- General Plan *data ask* last Fall:
  - GIS files, GIS web services (AGOL), online pdf maps
  - Zoning as a fallback
- Generalize / standardize attributes
- Publish results
- Use for in WF Real Estate Market Model
  - Allowable land uses and intensities
  - Override GFLU with updated Wasatch Choice Centers

→ Household and jobs forecast for 2027-2055 RTP



GFLU
maps.wfrc.org

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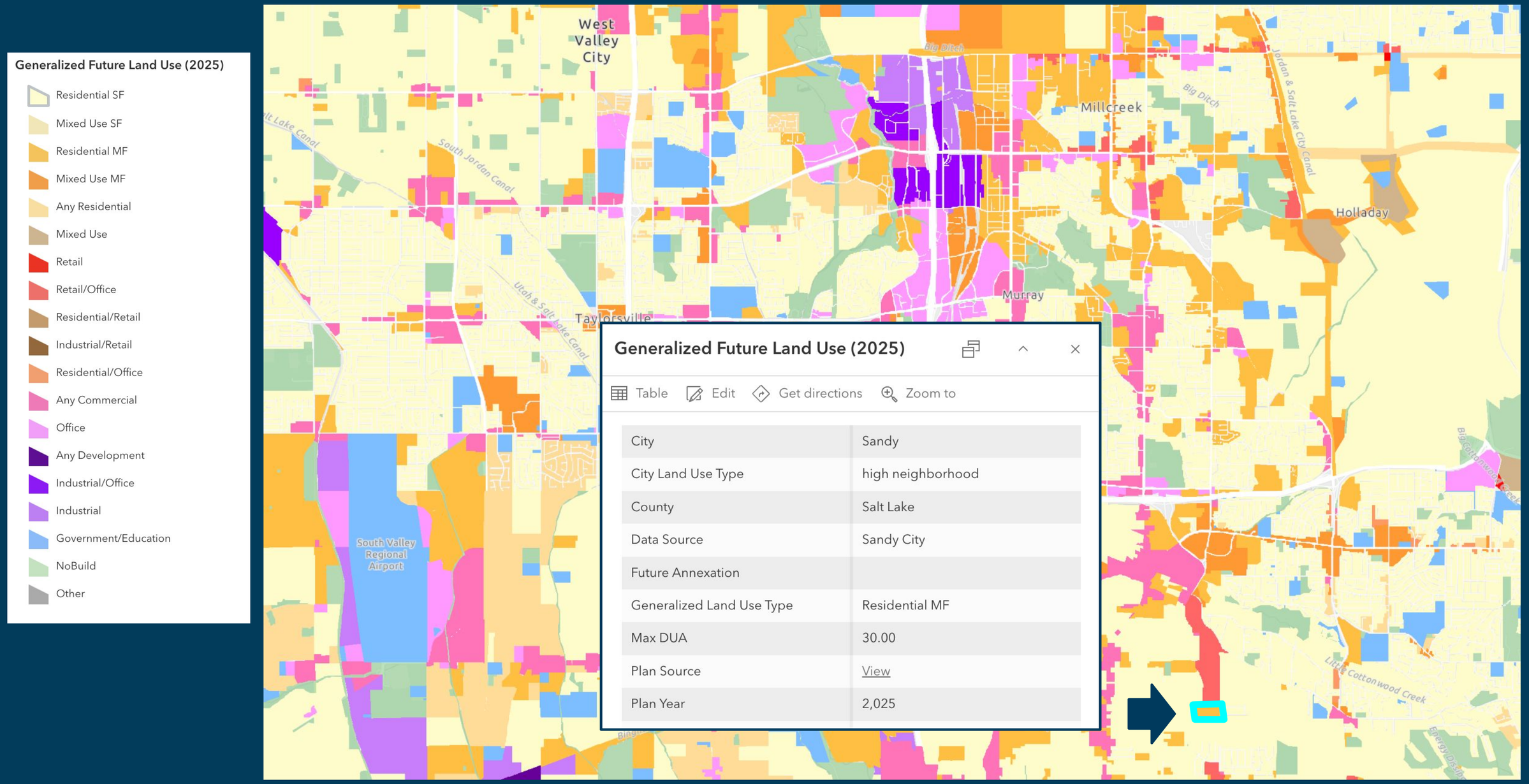
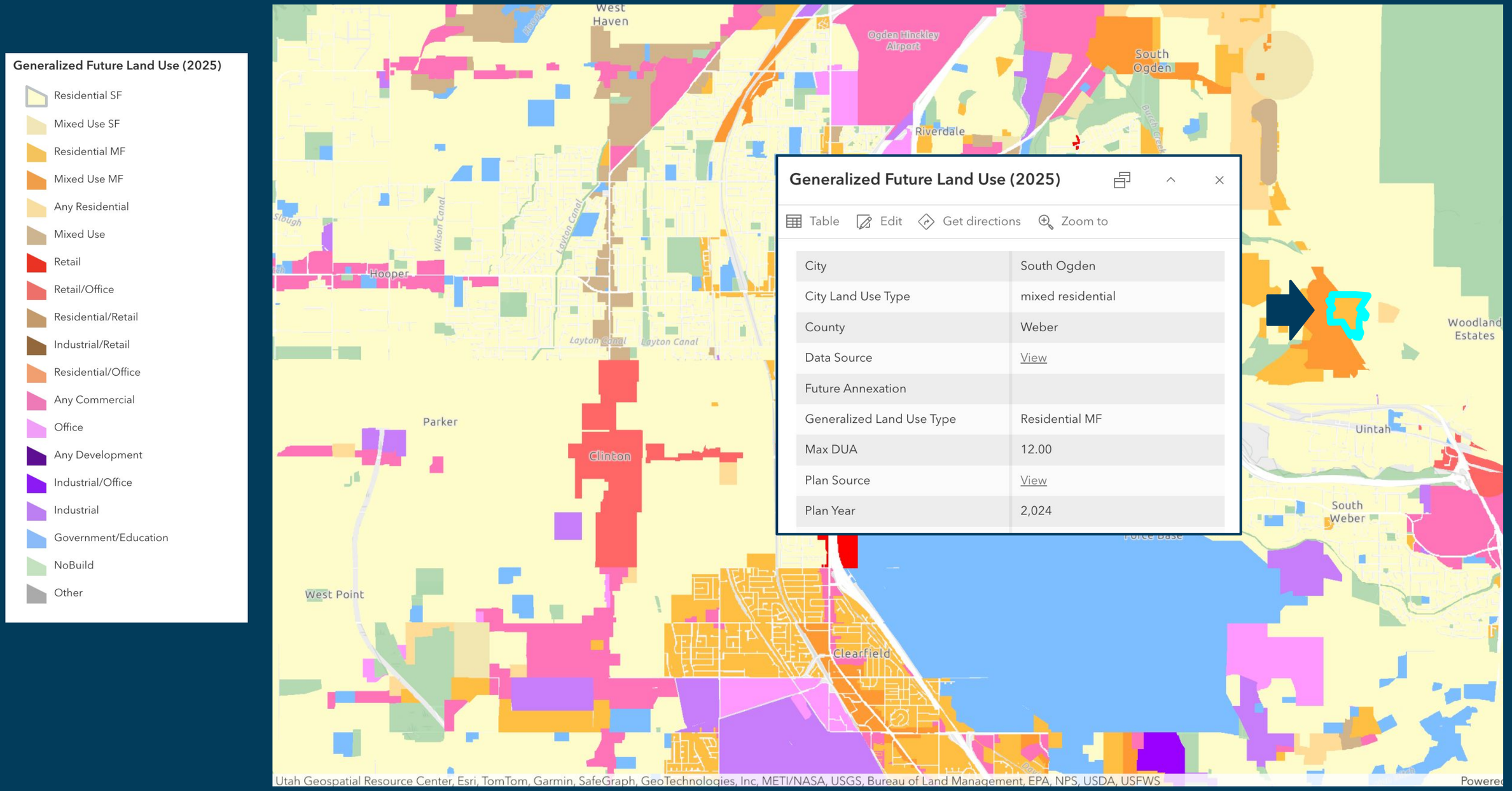


Generalized Future Land Use (GFLU):



Thank you

Coming Soon:

bikeways.utah.gov

GFLU layer @:

maps.wfrc.org

data.wfrc.org

Bert Granberg, bgranberg@wfrc.org

WASATCH FRONT REGIONAL COUNCIL

TTIF Funding

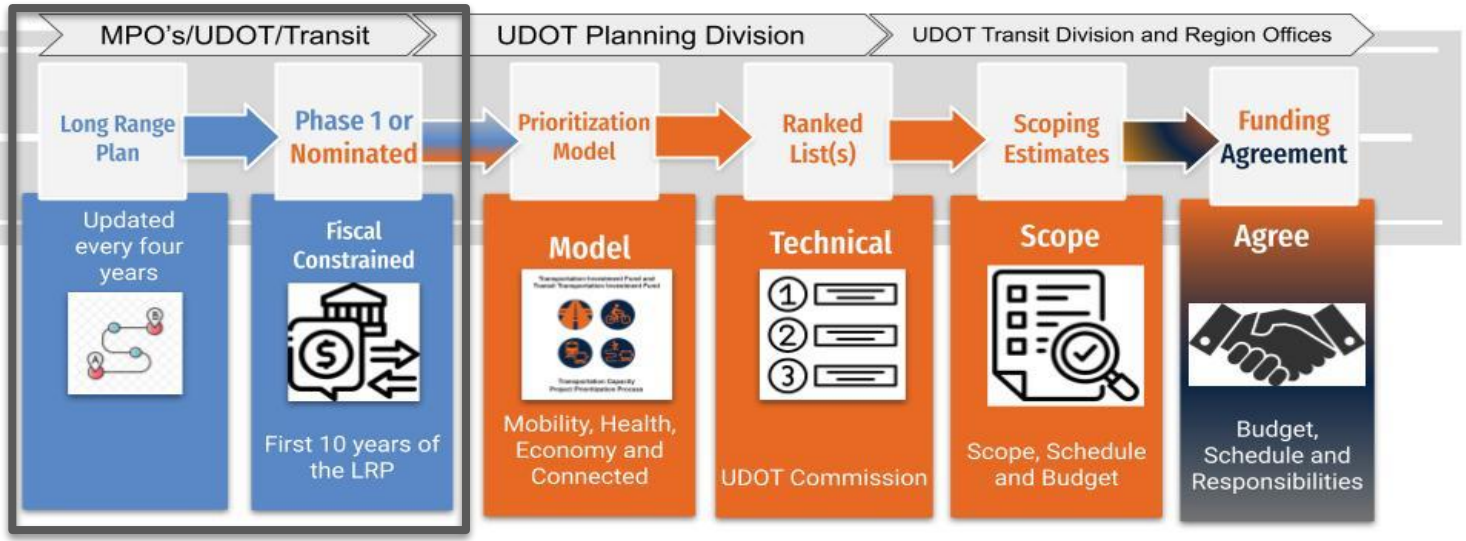
Transit Transportation Investment Fund - TTIF

- HB 322(2022)/SB 174(2025)-focuses on capital project delivery

- TTIF is statewide
  - Funding for capacity adding activities

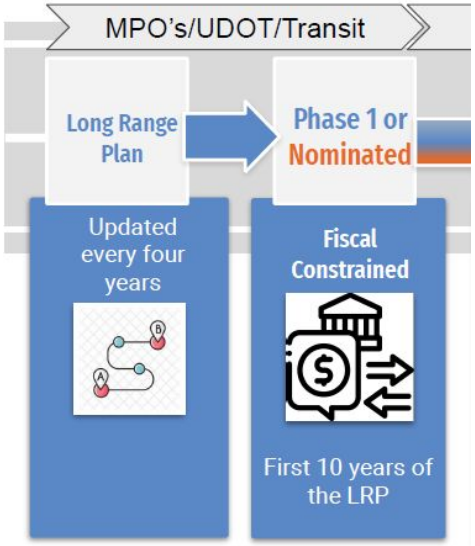
Process for TTIF Funding

Transit Transportation Investment Fund - Process, Roles and Responsibilities

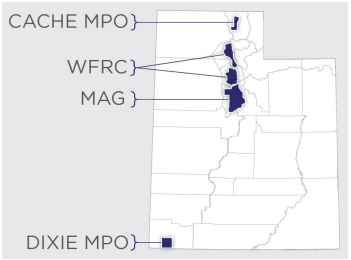


Keeping Utah Moving

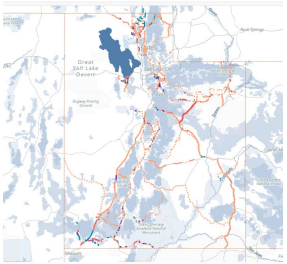
How to get on the input list



Option 1



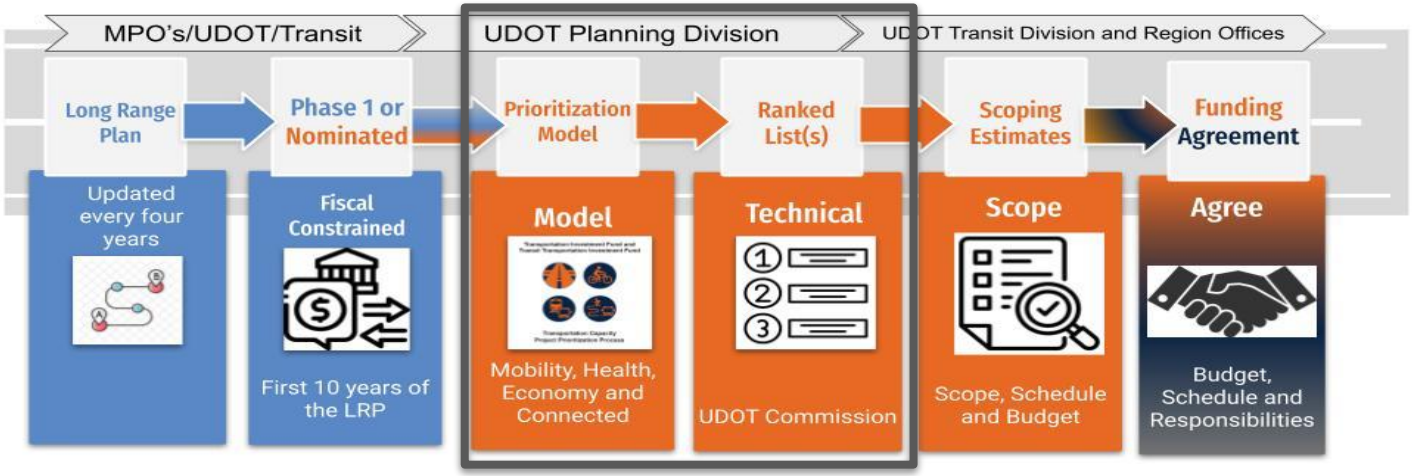
Option 2



[Unified Transportation Plan]

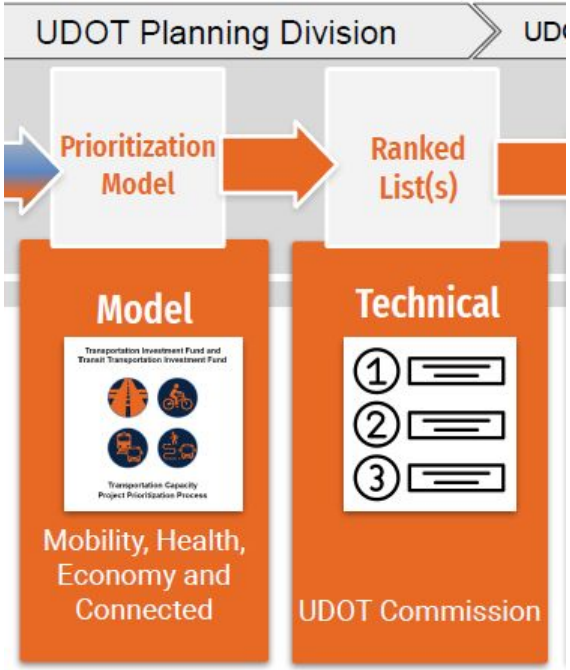
UDOT Keeping Utah Moving

Transit Transportation Investment Fund - Process, Roles and Responsibilities



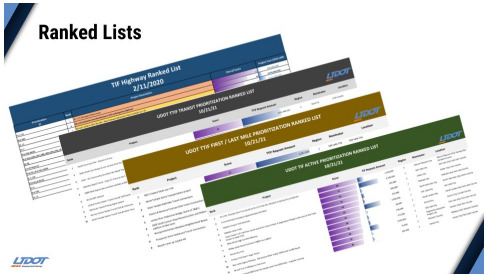
UDOT Keeping Utah Moving

Prioritize and Rank Lists - Process

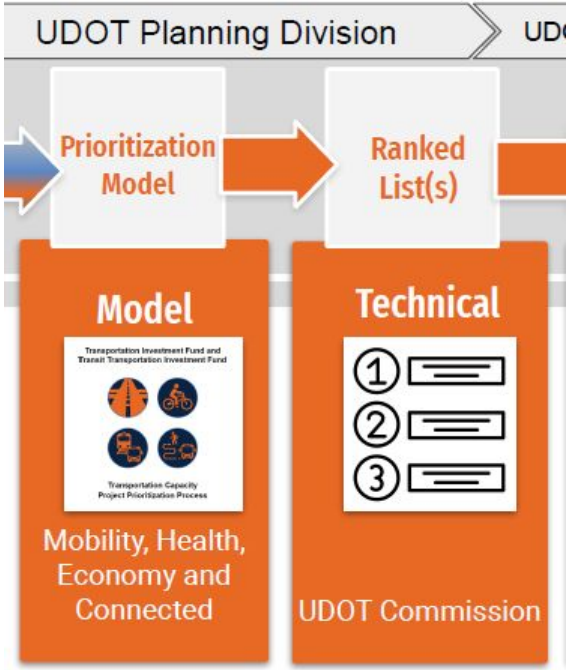


Transportation Investment Fund and Transit Transportation Investment Fund

Transportation Capacity Project Prioritization Process



Ranked List to Programming



Capacity Project Prioritization
TTIF Transit Decision Support Tool
LINK TO SCORING DETAILS
10/14/2024

Fixed Guideway Projects (light rail, bus rapid transit, commuter rail, streetcar)	UDOT Region	Total Score
200 South Bus Rapid Transit from Salt Lake Central FrontRunner Station to University Medical Center TRAX Station	Region Two	65
South Valley Commuter Rail (Utah County) (study funded)	Region Three	56
Sharp-Tintic Railroad Realignment (Utah County)	Region Three	51
FrontRunner Forward Investment Package I	Region One, Two and Three	44
S-Line Extension from Fairmont S-Line Station to Highland Drive (Salt Lake City)	**Region Two**	**40**
UVX Extension to Vineyard	Region Three	34
UVX Extension to Provo Airport	Region Three	29

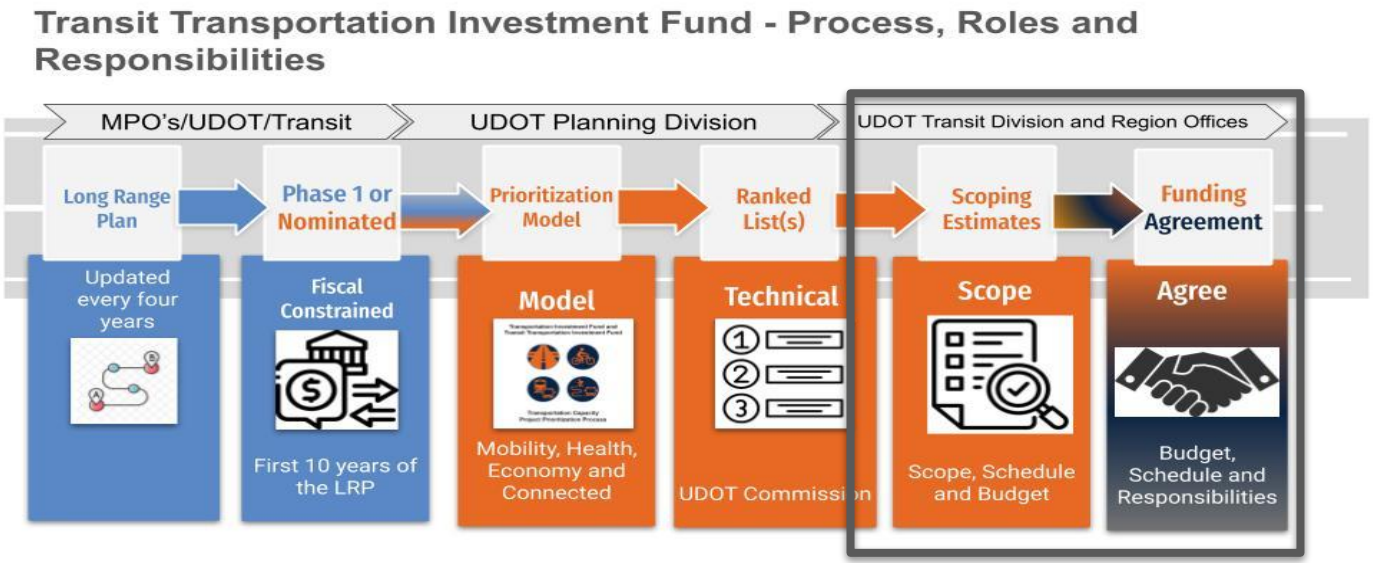
Core Route and Other Bus Service Projects	UDOT Region	Total Score
State Street SLC-Murray Core Route (15 min service) from North Temple FrontRunner Station to Murray Central Station	Region Two	59
500 East Corridor Core Route (10 min service) from Power Station TRAX Station to Murray North TRAX Station	Region Two	58
Blue & Green LOOP (Logan)	Region One	58
Central Corridor State Street Core Bus Route (Utah County)	Region Three	56
300 West Corridor Core Route (10 min service) from North Temple FrontRunner Station to Central Pointe TRAX Station	Region Two	56
400 South Corridor - Foothill Drive Core Route (10 min service) from Redwood Road to 3900 South and Wasatch Boulevard	Region Two	51
Route 2, 5, and 7 - Increased Weekday Frequency (15 min service) (Logan)	Region One	49
900 East Corridor Core Route (10 min service) from Salt Lake Central FrontRunner Station to Midvale Center TRAX Station	Region Two	47
900 South Core Route (15 min service) from Power Station TRAX Station to University of Utah Central Campus	Region Two	44
Rose Park / South Temple Core Route (15 min service) from Redwood Road and 400 South to University of Utah Hospital	Region Two	43
Foothill Drive - 2100 South Core Route (10 min service) from University South Campus TRAX Station to Central Pointe TRAX Station	Region Two	43
Redwood Road Corridor Core Route (10 min service) from North Temple FrontRunner Station to West Jordan City Center TRAX Station	Region Two	43
Davis - SLC Community Connector Core Route (15 min service) from Farmington FrontRunner Station to Research Park	**Region One and Two**	**40**
3300 South / 3500 South Corridor Core Route (15 min service) from 2600 South and 9180 West to 3900 South and Wasatch Boulevard	Region Two	40
5400 South Corridor Core Route (15 min service) from 5600 West to 3900 South and Wasatch Boulevard	Region Two	36
Point Innovative Mobility Zone with Dedicated Shuttle	Region Two	35
State Street Murray-Draper Core Route (15 min service) from Murray Center Station to Draper FrontRunner Station	Region Two	33
US-89/91; transit options (Ogden to Logan)	Region One	31
Local Link Core Route (15 min service) from 200 South to Holladay Boulevard	Region Two	30
SR-23 & Mendon Rd; transit options (Cache Valley)	Region One	24

Transit Hub/Stop Projects	UDOT Region	Total Score
Power Station Transit Hub @ North Temple and 1460 West	Region Two	53
Murray Central Station Transit Hub @ Cottonwood Street and FrontRunner / TRAX	Region Two	48
Daybreak TRAX Station @ TRAX *	**Region Two**	**32**
Medical Center Mobility Hub @ University Medical Center TRAX Station	Region Two	26
Wasatch Back Bus Stops	Region Two and Three	24

- Projects in bold are both a Phase 1 project and a nominated project
Projects shaded in green have been at least partially funded by the Utah Transportation Commission

Programming

Scoping and Delivering Project



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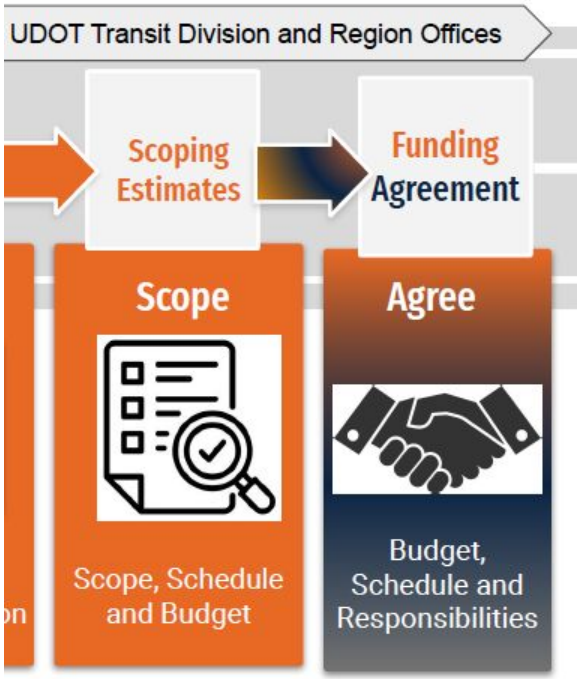
Scoping and Delivering Project



TTIF - Program Project Status

11

Completed Projects

Since 2019

- BRT
- New Bus Stops
- Sidewalks
- New Buses

41

Projects in Process

Capacity adding

- BRT
- Streetcar Expansion
- New Bus Service
- TSP

$477,147,353

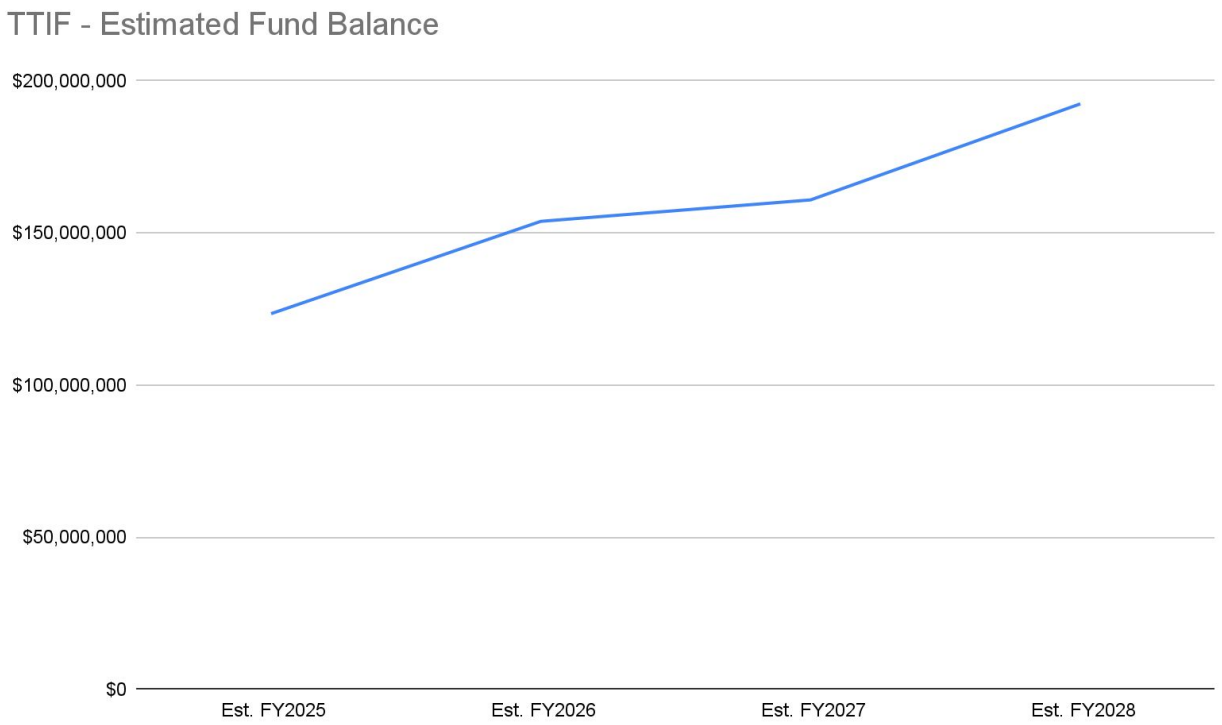
Total Project Value

Adding to Utah Economy

- Building on existing expertise
- Optimising mobility

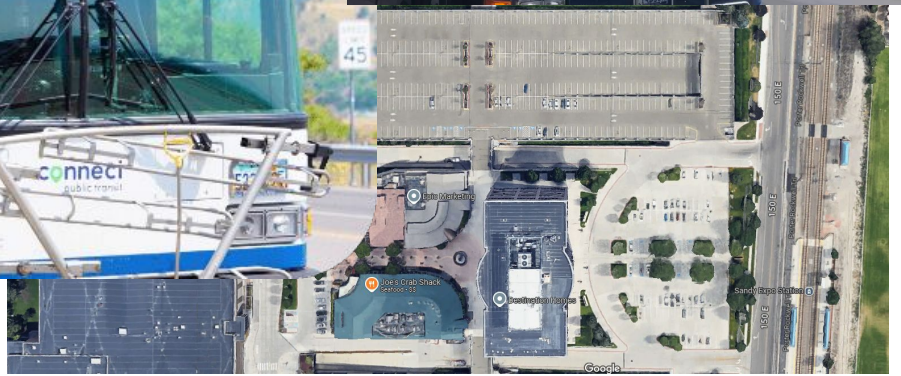
UDOT Keeping Utah Moving

Estimated TTIF Fund Balance



State of Current Program

Completed Projects



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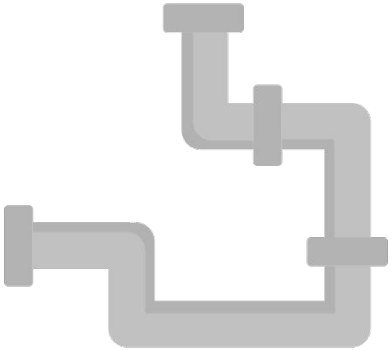
Next Steps



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- Region Leadership

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- Specific project funding
- Project prioritization
- Local government coordination
- TTIF Program
- Region Coordination

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More Information

Transit Division Website

Project Prioritization Website

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Q and A