

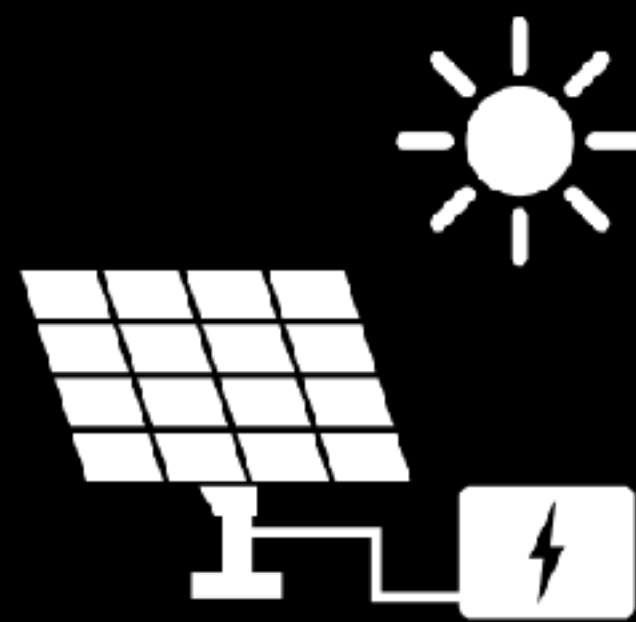
WNDD Conference

WNDD Infrastructure Discussion



Water

Casey Mentzer



Power

Jeff Brigger



Transportation

Sajid Sulahria

Truckee Meadows Water Reclamation

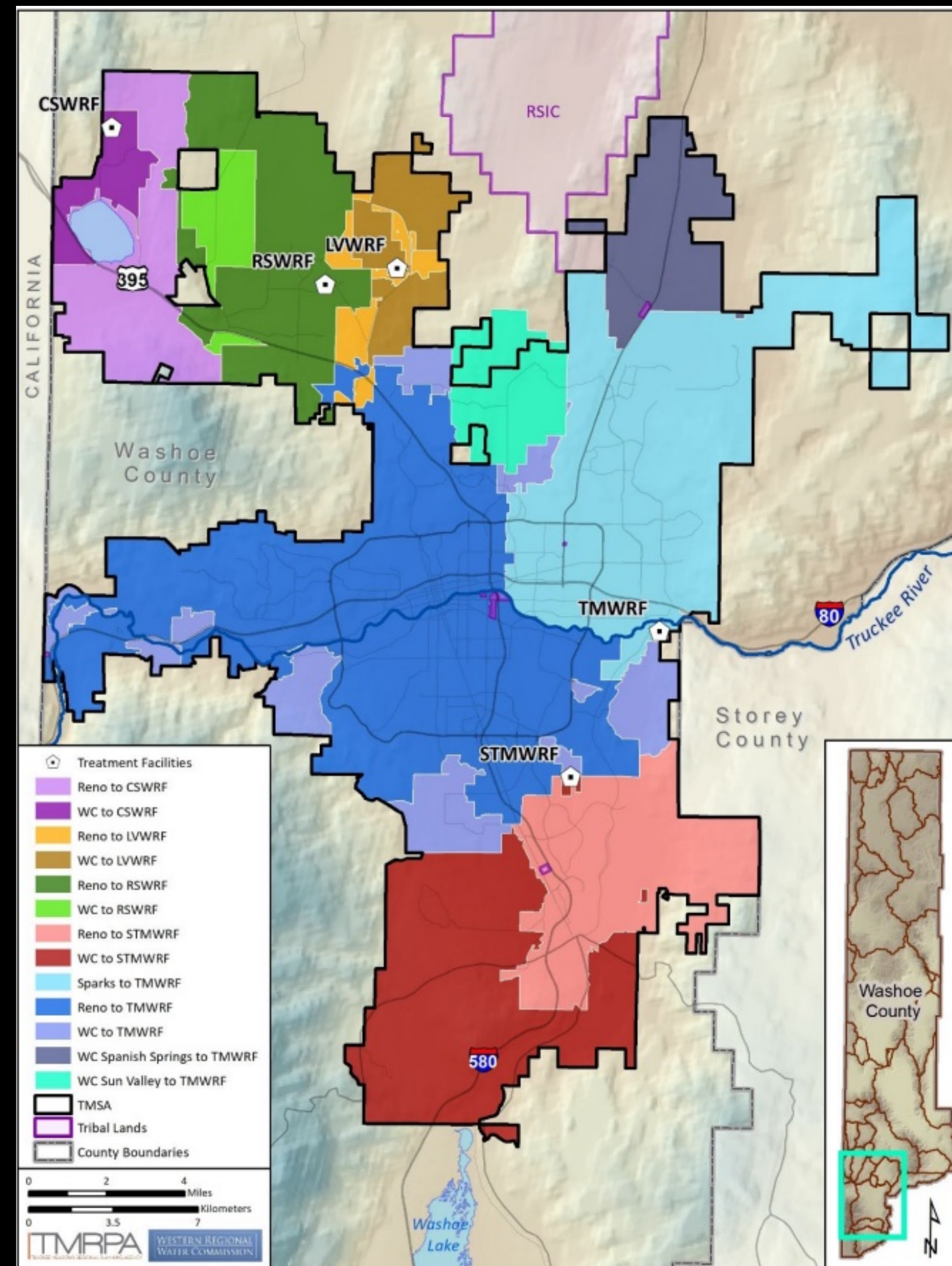
- Process 10.9 billion gallons per year of wastewater.
- Beneficially reuse 1.5 billion gallons per year.
- Produce renewable natural gas as part of the process.
- Produce 1 ton per day of commercial grade crystalline fertilizer through a nutrient recovery process.



Truckee Meadows Water Reclamation



Truckee Meadows Water Reclamation



NV Energy - Greenlink Nevada

Building Capacity for Nevada's Future

Greenlink Nevada is a transmission initiative that will make Nevada a leader in the clean energy economy.

- Improves system reliability and ability to transfer electricity within Nevada and to other states.
- Moves Nevada closer to a future powered by 100% renewable energy and reduce Nevada's carbon footprint.
- Generates \$690 million in economic activity and creates nearly 4,000 good-paying jobs.



NV Energy - Greenlink Nevada

Transmission

Greenlink West

- Northwest to Walker River (Fort Churchill) 525 kV Transmission Line
- Harry Allen to Northwest 525 kV Transmission Line
- Northwest Substation expansion
- Sagebrush (Amargosa) & Esmeralda 525/230 kV collector substations

Common Tie

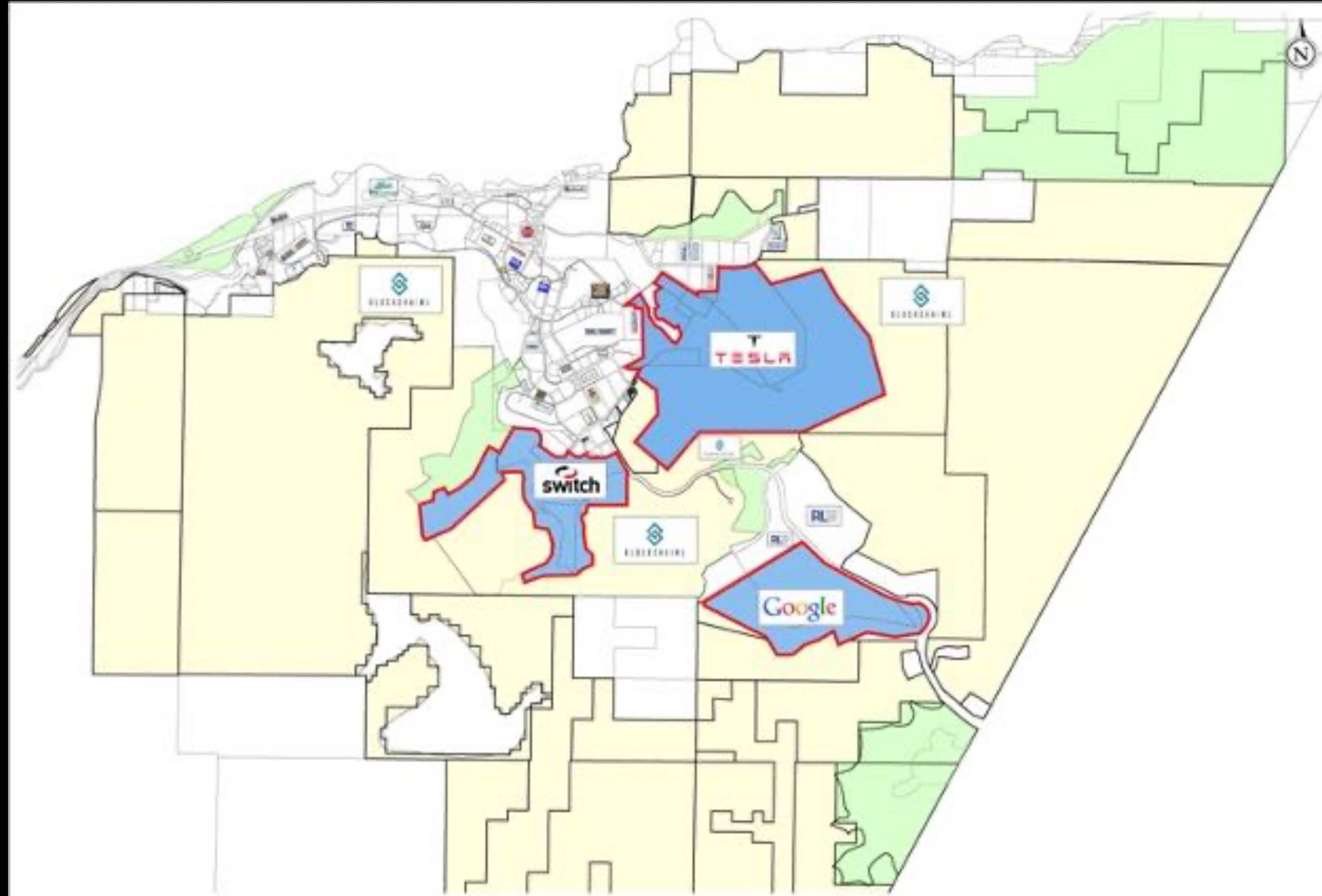
- Walker River (Fort Churchill) 525/345/230/120 kV Substation
- Mira Loma to Walker River (Fort Churchill) 345 kV Transmission Line
- Comstock Meadows #1 to Walker River (Fort Churchill) 345 kV Transmission Line
- Comstock Meadows #2 to Walker River (Fort Churchill) 345 kV Transmission Line
- Mira Loma Substation
- Comstock Meadows Substation

Greenlink North

- Robinson Summit to Walker River (Fort Churchill) 525 kV Transmission Line
- Lander 525/230 kV Collector Substation
- Robinson Summit 525/230 kV Substation



NV Energy - Greenlink Nevada



NV Energy - Greenlink Nevada

Walker River Substation Complex

"The Heart of Greenlink Nevada"

- Located in Lyon County at Fort Churchill Generating Station
- Importing power from the north and west on 360 Acres
- Energy highway interchange to serve the Tri-Center and Reno
 - 120 KV
 - 230 KV
 - 345 KV
 - 500 KV



I-80 East Widening

VISTA INTERCHANGE TO USA PARKWAY

This project will improve traffic operations and enhance safety on this 13-mile corridor I-80 by:

- Widening from four to six lanes
- Increasing shoulder widths
- Incorporating ITS
- Other traffic safety improvements



2023

Began NEPA



2025/6

Final Design



2027/8

Construction



Reno Spaghetti Bowl

PHASE 2

Reconstruction is needed to address obsolete freeway design in and around the Spaghetti Bowl to:

- Reduce travel delay
- Improve safety
- Improve bridges
- Optimize system connections



1961-71
Constructed



130K
Population Then



493K
Population Now



US 395 North Valleys Project

PHASE 2

Improvements on US 395 from Golden Valley Interchange to Stead Interchange.

- Rehabilitate existing roadway
- Add capacity
- Improve travel efficiency
- Southbound and Northbound widening
- Replace interchange at Lemmon Valley
- North Virginia Street Work



\$89M

INFRA Grant



2026

Construction
(summer)



2028

Construction
Complete



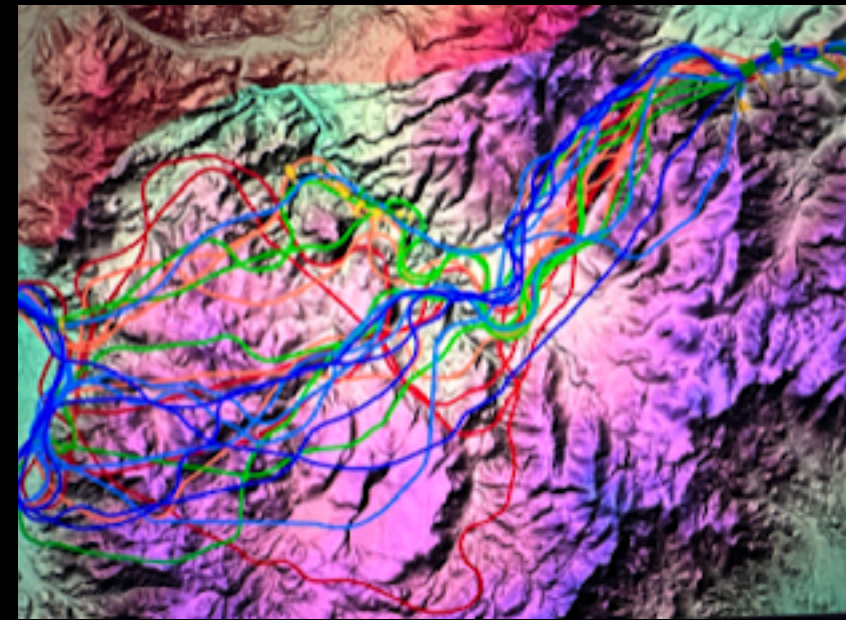
\$213M Est.



Goal: Multiple Routes to The Tahoe Reno Industrial Center



A Widened I80



South Route



North Route



Commuter Rail

...but what's going to be on the roads?



WAYMO





Current cities



Phoenix

Waymo One is open to all across 315 square miles of the Valley of the Sun.

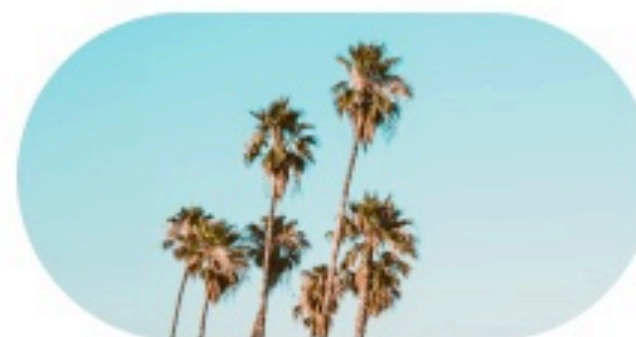
[→ Get a ride in PHX](#)



San Francisco

Anyone can download, request, and ride today in the City by the Bay and Daly City.

[→ Get a ride in SF](#)



Los Angeles

Welcoming all riders in the City of Stars! Ride from Santa Monica to Downtown today.

[→ Get a ride in LA](#)



Austin

RIDE ON UBER

We've partnered with Uber to bring the magic of Waymo One to Austin, only on the Uber app.

[→ Learn more](#)



Automotive World

[News](#) [Analysis](#) [Magazines](#) [Newsletters](#) [Data](#) [Reports](#) [OEM Tracker](#) [Webinars](#) [Events](#)

[OEMs](#) [Markets](#) [Commercial Vehicle](#) [Autonomous](#) [E-Mobility](#) [Hydrogen](#) [Manufacturing](#)

Waymo robotaxis claimed 20% of all Austin Uber rides in March

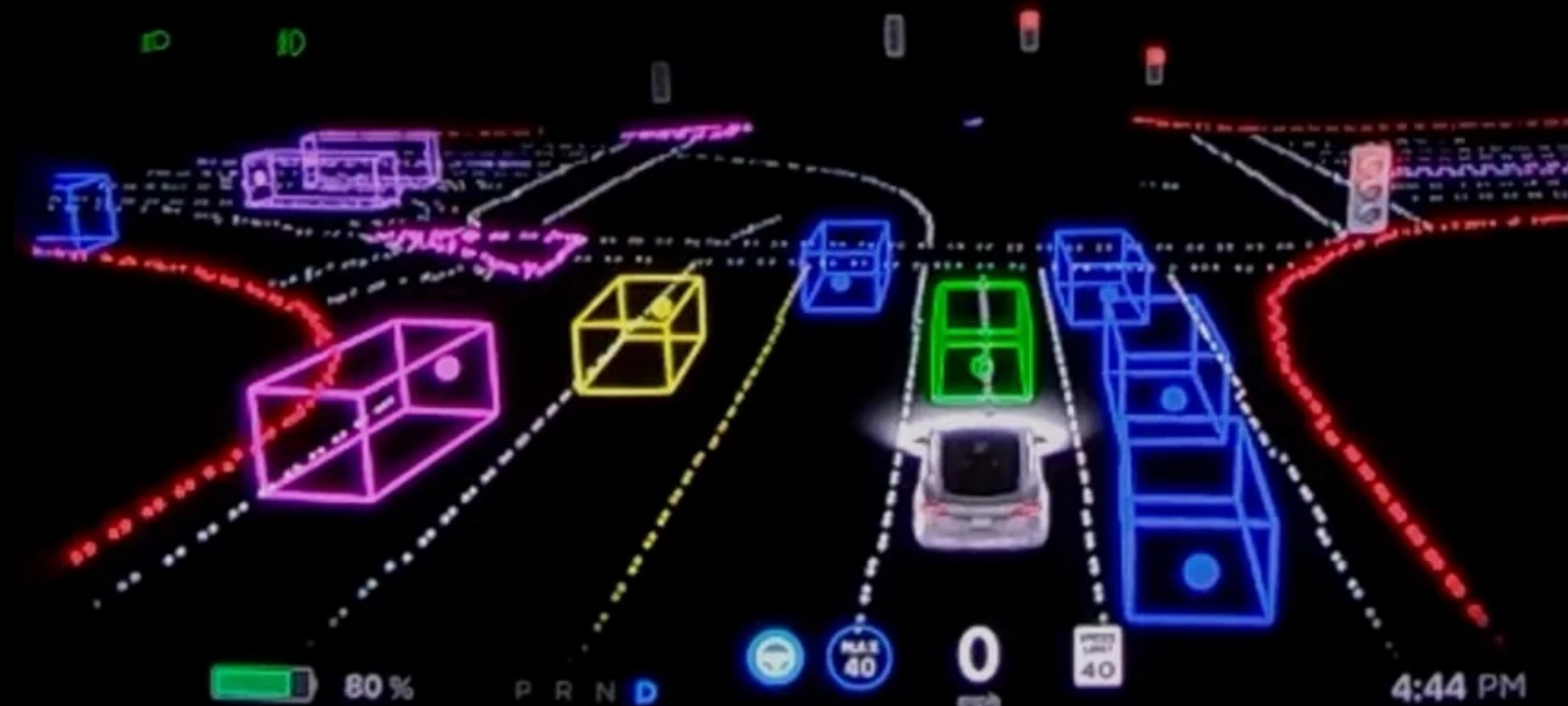
Under and Waymo have indicated they plan to further expand the Austin service into new parts of the city soon. By Stewart Burnett

April 14, 2025

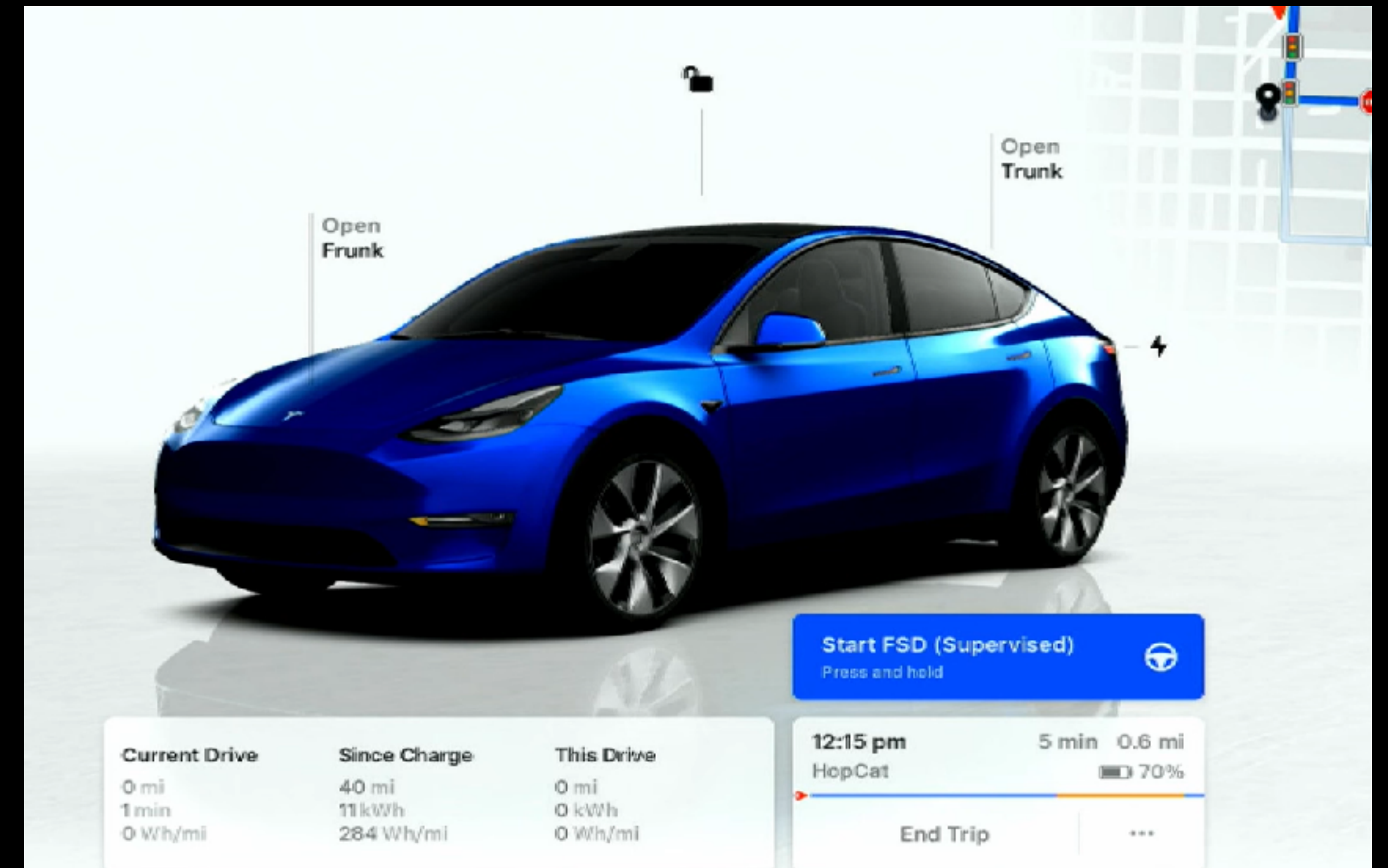


Autonomy
Central

AC



October 2020 - "FSD Beta"



March 2025 - "FSD Supervised"

Gradually, then Suddenly



2014



2018



2021



2024

Semi Truck Transportation

- ~33% of traffic on our major roads are now Semi Trucks
- 5% of freight is carried on our rail systems
- Establishing Inland Port Authorities in Southern & Northern Nevada can increase road safety while building our logistics and supply chain industries further





2023



2025

Federal Lithium Loop Investments in Nevada

Category	Loan Funding	Grant Funding
Redwood Materials	\$2,000M	
Lithium Americas	\$2,260M	
Ioneer	\$700M	
American Battery Tech Company		\$115M
American Battery Tech Company		\$150M
UNR		\$21M
Total	\$4,960M	\$286M+



High Speed Rail



Tunnels

