

Utah Transit Authority Annual Report Public Private Partnerships (P3)

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August 19, 2020



UTA Innovative Mobility Solutions

UTA on Demand by Via:

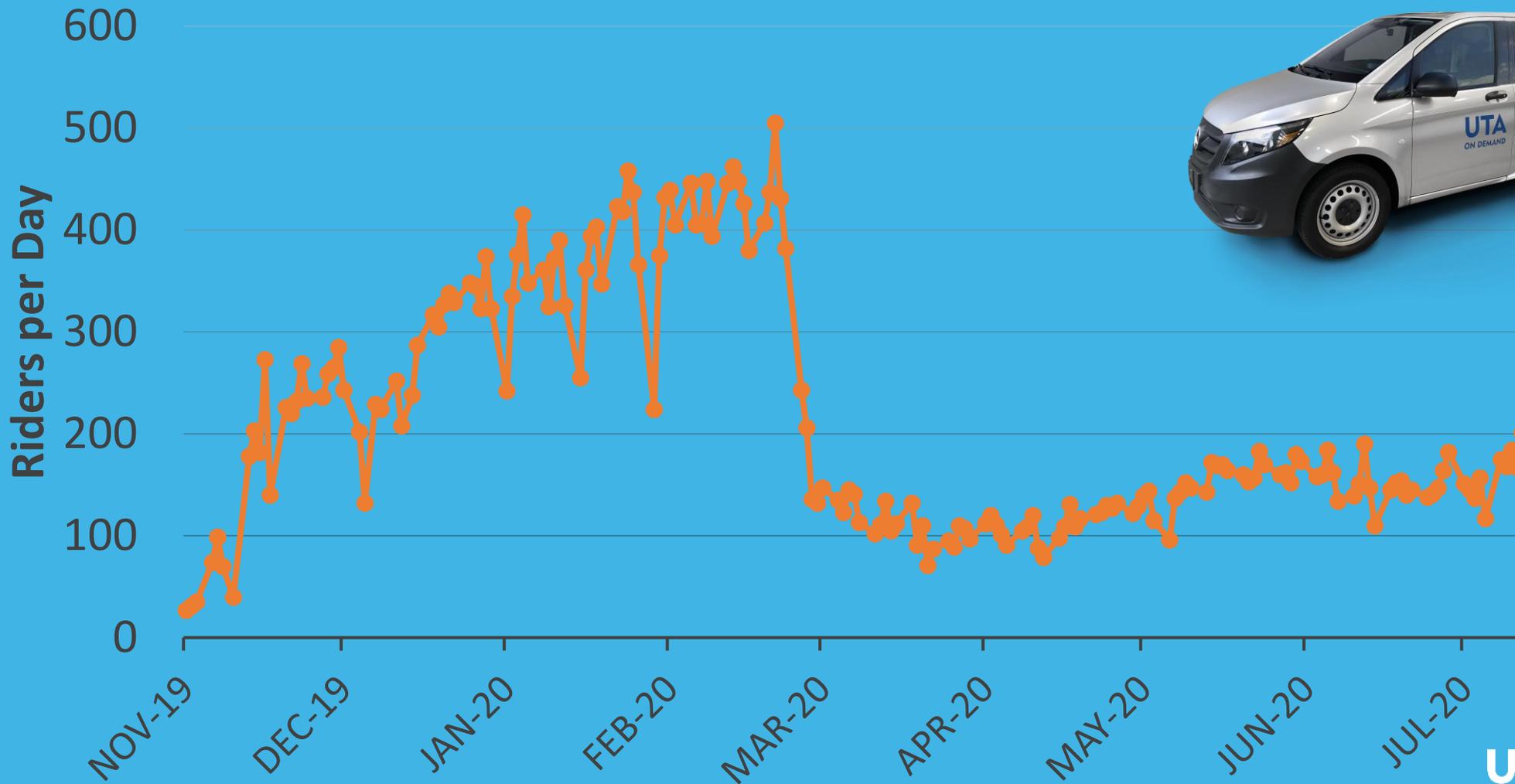
- Public Private Partnership for microtransit services in Southern Salt Lake County
- Early program success, meeting most pilot goals and objectives prior to COVID-19
- Researching Transit App enhancements to include trip discovery and payment features



Connected and Autonomous Vehicles:

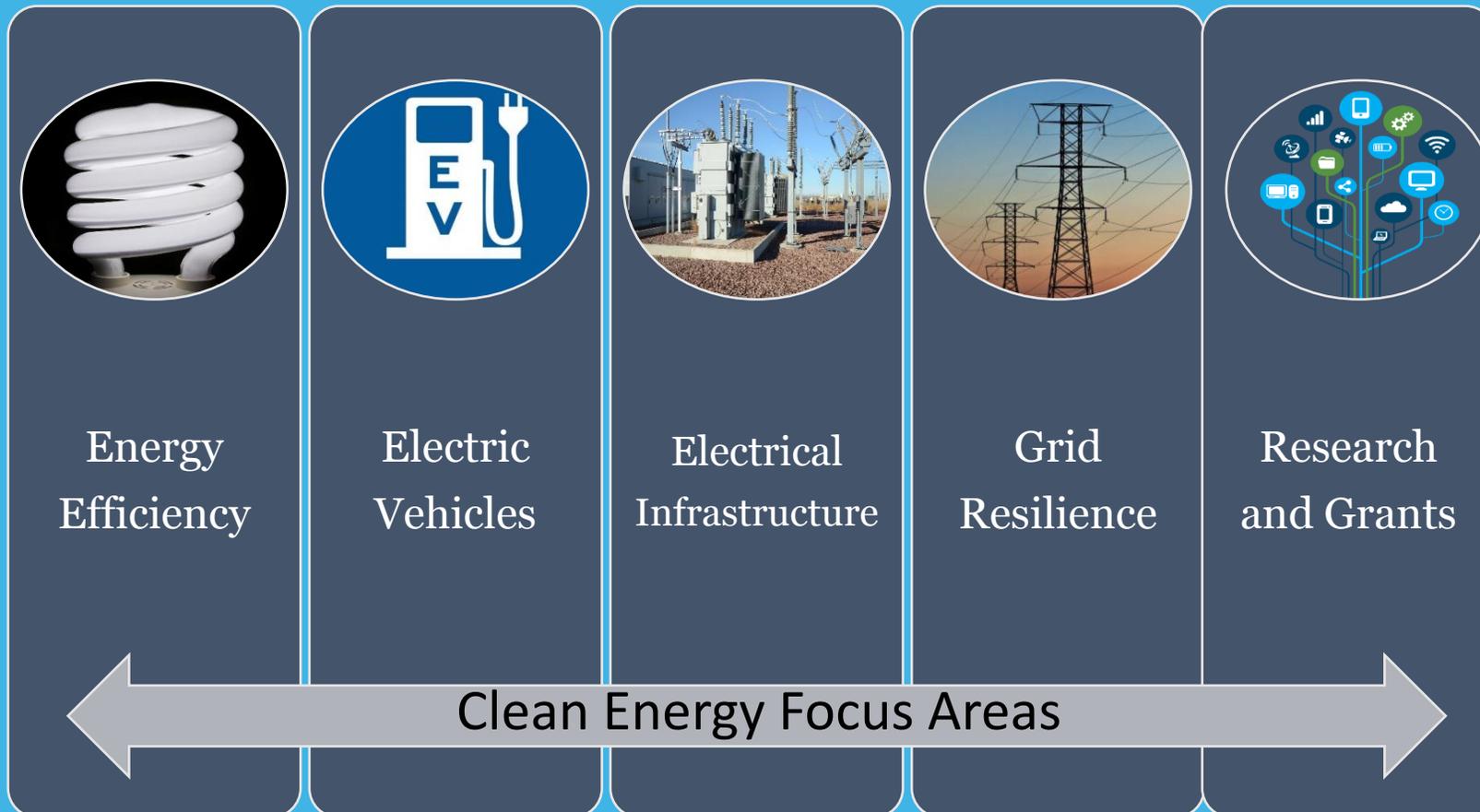
- Partnership between UDOT, UTA, and Easy Mile to test a Level 4 Autonomous Shuttle
- Researching Level 1-3 driver assist and safety features for UTA busses
- Partnership with UDOT to expand Transit Signal Priority

UTA Innovative Mobility Solutions



Powering Utah Forward UTA Rocky Mountain Power (RMP) Partnership

UTA and Rocky Mountain Power have developed a cooperative agreement focusing of the following areas:



Rocky Mountain Power (RMP) Partnership Implementation

- To date RMP has provided \$500,000 in grant funding for electric bus charging infrastructure
- RMP funded a \$2M research initiative to understand the impact of Trax and battery electric buses on the electrical grid
- This initial research grant has helped to leverage an additional \$13.2M in Department of Energy research grants
- RMP and UTA are working on a comprehensive energy evaluation through all of UTA's facilities through the WattSmart Program. It is anticipated that UTA will be able to leverage RMP grant funds to develop energy saving projects

High Powered Bus Charging Infrastructure



Utah State Research Center

- UTA has been a long-term research partner with Utah State University on the implementation of electric vehicles
- The National Science Foundation has awarded Utah State University a five-year, \$26 million grant, renewable to 10-year, \$50.6 million, to develop an international research center dedicated to advancing sustainable, electrified transportation
 - The center is expected to raise more than \$200 million over the next decade in government and industry support
 - UTA will be an active participant in the research that will be done

Trillium CNG DBOM (design-build-operate-maintain)

- UTA has a CNG compressor station at the new Depot District bus garage which is under construction
- The Compressor station was built as a DBOM
- The project was setup with a 3-year operation and maintenance contract with an option to extend it for up to 10 years



Public/Private Partnerships

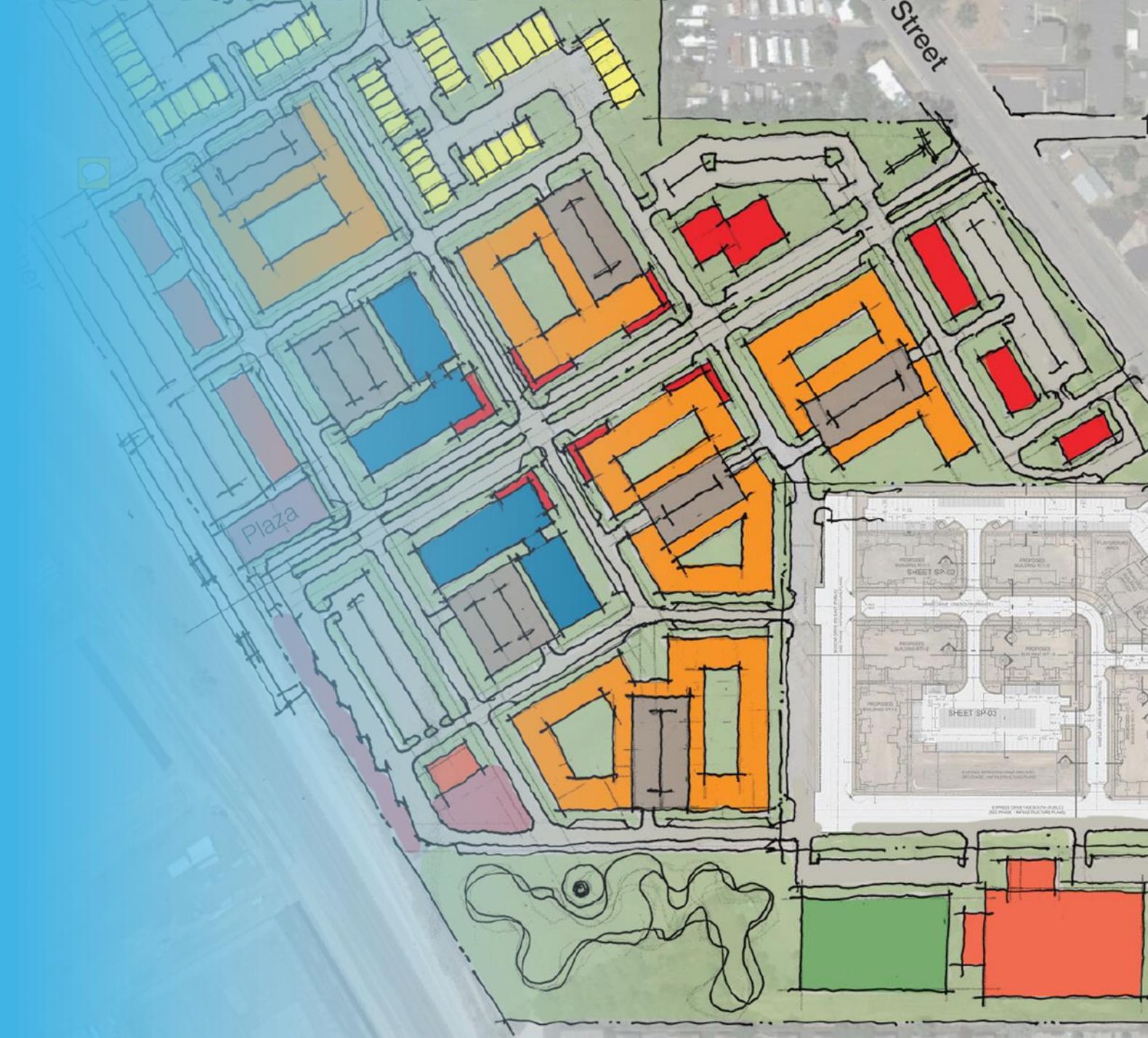
Senate Bill 150 – 2020 Legislative Session

- Removed cap on UTA-involved TODs
- Requires:
 - Median Income Housing Plan
 - Station Area Plan
- Allows cities and UTA to pursue projects along entire Wasatch Front

Rank	Overall	Growth Opportunity	Affordable Housing
1	Salt Lake Central/ N Temple Station	West Jordan City Center	Ogden Central
2	Ogden Central	American Fork Station	Murray Central
3	Clearfield Station	Clearfield Station	Salt Lake Central/ N Temple Station
4	American Fork Station	Roy Station	Midvale Fort Union Station
5	Orem Central Station	Historic Sandy Station	Clearfield Station
6	Roy Station	Draper Town Center Station	1300 S Ballpark Station
7	Murray Central Station	5651 W Old Bingham Hwy (West Jordan)	West Jordan City Center Station
8	West Jordan City Center Station	Kimballs Lane Station (Draper)	Fashion Place West Station
9	Farmington Station	Lehi Station	Midvale Center Station
10	Midvale Fort Union Station	Fashion Place West Station	Roy Station

Collaboration UTA + Communities

- Adopt shared vision for Station Area
- Establish implementation plan
- Ensure proper zoning and adequate infrastructure
- Seek funding mechanisms
- Capture value of public investment



Collaboration UTA + Communities + Private Developers

- Site selected - 2019
- Jointly select development partner
- Work with developers to finalize entitlements
- Implement adopted vision



Housing Affordability

- TODs offer ideal locations to increase housing supply
- TODs provide excellent access to opportunity
- UTA to pursue projects in communities that contemplate housing for a mix of income needs



Transit Overview: Future Meeting

Cost Analysis

Mode
Determination

Long-Term
Operations
Costs

5-year Capital
Development
Plan

Growth

Costs per
Mode

Value
Capture

Point of the
Mountain
Process

Questions?

- Please visit www.rideuta.com/recovery regarding:
 - UTA's vehicle cleaning measures
 - Status of public transit frequency and routes
 - Use of CARES Act funds