



New Technology Reserve Grant Program Interviews

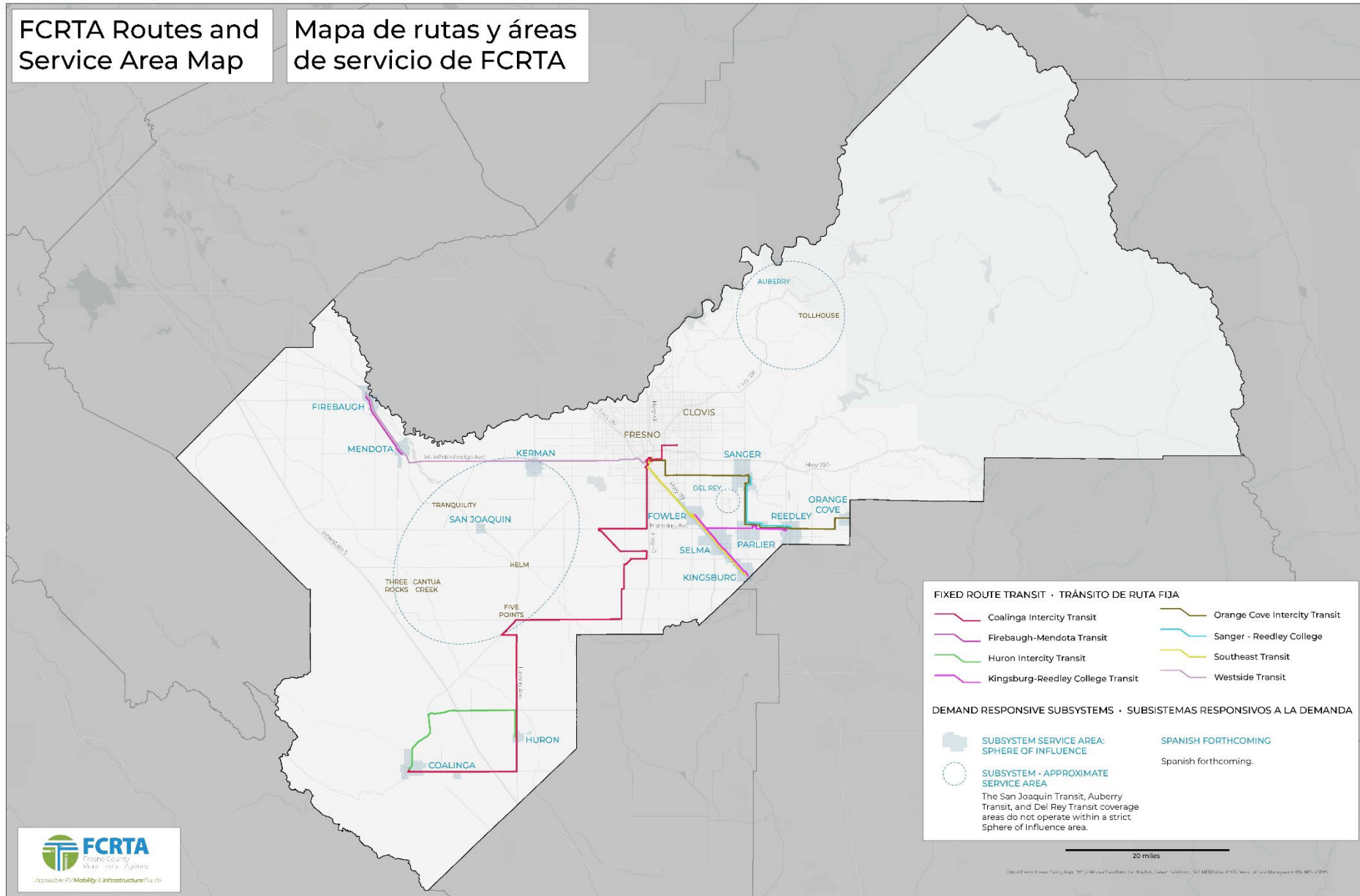
August 18, 2026

Fresno County Rural Transit Agency



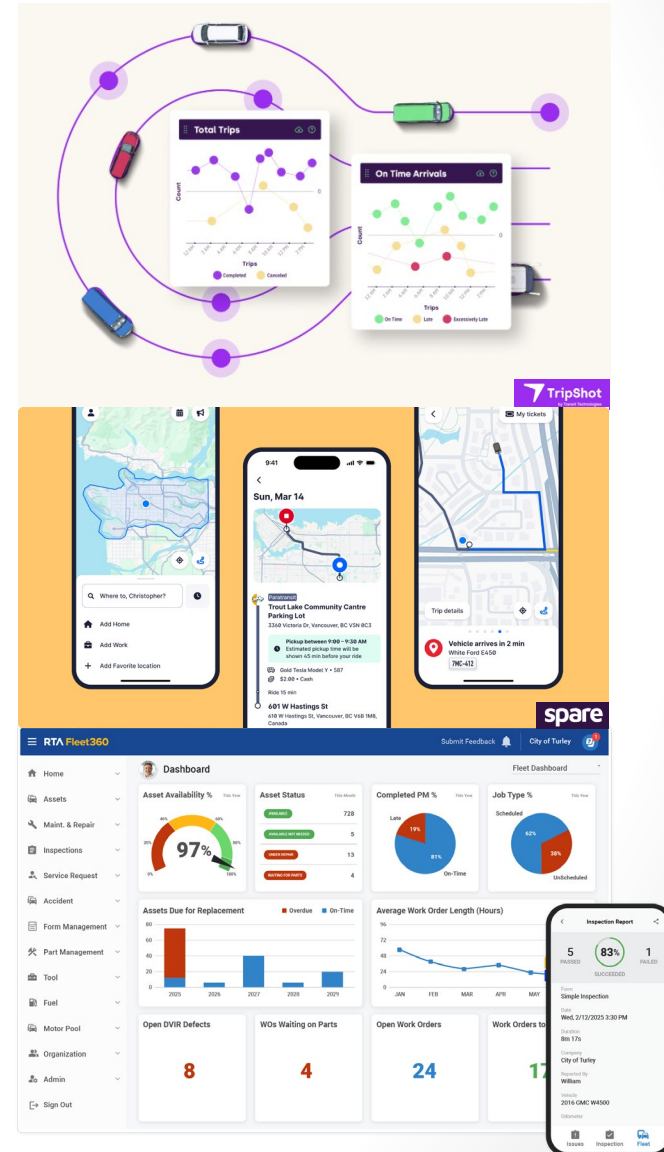
FCRTA Routes and Service Area Map

Mapa de rutas y áreas de servicio de FCRTA



Project 1 of 2: FCRTA Software and Technology Modernization Project

- Capital Requested for Project:
 - Fixed Route Software (TripShot)
 - Demand Response Software (Spare)
 - Fleet Maintenance Software (RTA)
 - ADA-compliant Website (Revize)
- Total Project Cost: \$1,159,370



Benefits of Project

- **Enhance Rider Experience:** more booking options, estimated pickup times accuracy, passenger alerts, ADA user-friendly schedules and fare info
- **Improve Reporting & Service Data:** increase accuracy of passenger counts and fares, NTD reporting, accurate data for tracking service performance and support future grants
- **Service Reliability:** centralized cloud platform for work orders, preventative maintenance, vehicle availability improves backup vehicles, vehicle tracking for on-time performance
- **Reduced GHGs:** real-time trip optimization and trip pooling reduces deadhead miles, improved vehicle range and schedule tracking supports EV deployment

Software & Technology Modernization Project is Consistent with other FCRTA Projects

- **RTAP Community Rides Grant**– Various dispatch softwares evaluated, including peer transit agency interviews, and community surveys
- **FCRTA Transit Roadmap**– Comprehensive systemwide analysis to enhance mobility and system effectiveness and cost-effectively grow ridership
- **Fresno COG 2022-2046 RTP/SCS**– Encourages intelligent transportation systems and software platforms to enhance ridership
 - Public Transit Element: transit priority to implement new scheduling and dispatch technologies

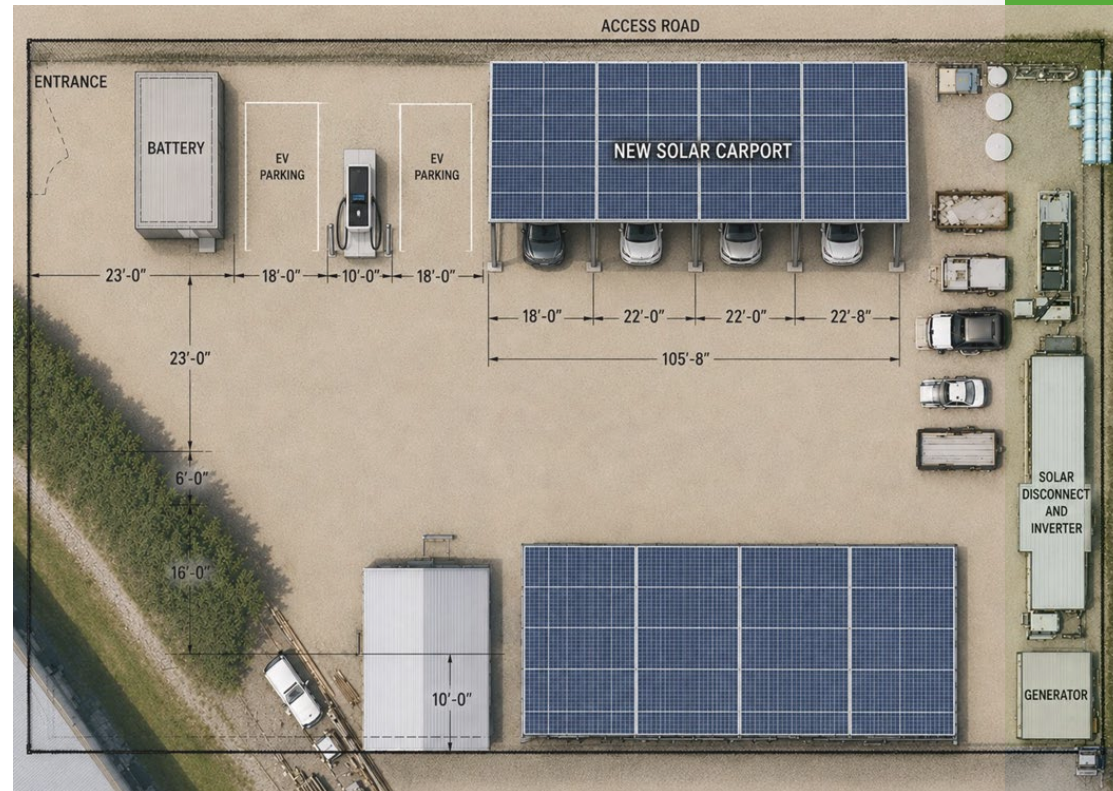
Project 2 of 2: Firebaugh Off-Grid EV Charging Hub

- Capital Requested for Project:
 - site preparation work
 - (1) solar carport
 - (1) fast charger with two ports
 - battery energy storage system
- Total Project Cost: \$1,361,006
- Project Location: 1892 7th St., Firebaugh, CA 93622



Off-Grid Charging Hub Components

- Co-located solar generation, battery storage, and fast charging (Level III)
- Applying new technology developed by Intertie through a California Energy Commission research initiative
- Can operate fully off grid powered fully by solar
- High-capacity battery energy storage system enables charging with real-time solar
- Level III charger will support FCRTA and City of Firebaugh electric fleet



Benefits of Charging Hub Project

- **Supports ZEVs:** increase share of FCRTA electric fleet in use in DAC community
- **Reduces Emissions:** supports rollout of EV bus, increases reliability of FCRTA services making it more viable for ridership, fully solar off-grid
- **Promotes Resiliency:** battery storage and fully off-grid reduces strain on grid, especially during extreme heat and outages, EV technology can be used for community amenities in future



Charging Hub Project is Consistent with other FCRTA Projects

- **FCRTA Maintenance Facility-** scaled version with charging, battery storage, and solar.
- **TIRCP Resiliency Hub Project-** \$6.1 million Transit and Intercity Rail Capital Program grant to construct a resiliency hub in downtown Fresno adjacent to future HSR station
- **FCRTA Microgrid Study** – Firebaugh site identified as needing charging and charging hub can later be expanded into microgrid
- **FCRTA Charging Master Plan** – identified as a charging site in this plan

Thank you



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