

Comprehensive Transportation Plan (CTP) Transit Committee Kick-Off Meeting

Robert Guerrero, Director of Planning

Kathrina Gregana, Associate Planner

July 12, 2023



Transit Committee Members

Policy Board Members:

1. Robert McConnell, City of Vallejo (**Chair**)
2. Terry Scott, City of Benicia
3. Steve Bird, City of Dixon
4. Catherine Moy, City of Fairfield
5. Walt Stanish, City of Rio Vista
6. Alma Hernandez, City of Suisun City
7. John Carli, City of Vacaville
8. Mitch Mashburn, County of Solano

Representatives:

1. Jim Allison, CCJPA
2. Shruti Hari, MTC
3. Pippin Dew, WETA Board Member
4. Kevin Connolly, WETA
5. Diane Feinstein, FAST, Consortium Chair
6. Beth Kranda, SolTrans
7. Ruben Brunt, PCC
8. Susan Rotchy, CTSA
9. Lori DaMassa, Vacaville City Coach
10. Louren Kotow, Dixon Read-Ride
11. Brian McLean, TAC Representative





Date	CTP Subcommittees Schedule
<i>May 10, 2023</i>	<i>Active Transportation Committee Kick-Off</i>
<i>May 24, 2023</i>	<i>Equity Working Group Kick-off</i>
<i>June 14, 2023</i>	<i>Arterials, Highways, and Freeways (AHF) Committee Kick-Off</i>
July 12, 2023	Transit and Rideshare Committee Kick-Off Part I
September 13, 2023	Transit and Rideshare Committee Kick-Off Part II
September 27, 2023	Equity Working Group Meeting
October 11, 2023	Active Transportation Committee Meeting
December 13, 2023	Arterials, Highways, and Freeways Committees
January 10, 2023	Transit and Rideshare Committee
April 10, 2024	Active Transportation Committee
May 8, 2024	Arterials, Highways, and Freeways Committee
June 12, 2024	Transit and Rideshare Committee
Fall 2024	Fourth Committee Meeting to wrap up the CTP Plan

Transit Committee Kick Off Meeting

Overview of Solano Transit System

- ➔
1. Part I: Today's Meeting
 - a) Passenger Rail
 - b) Ferry Service
 - c) Solano Mobility Programs

 2. Part II: September 13, 2023 Meeting
 - a) Seven Bus Operators



Comprehensive Transportation Plan

- Foundational document for Transportation Projects and Programs to be eligible for STA's discretionary funding and support
- Includes the following elements and chapters:
 - 🚲 Active Transportation Element
 - 🛣️ Arterials, Highways and Freeways Element
 - 🚌 **Transit and Rideshare Element**
 - 🗺️ Land Use Chapter
 - ♿️ Equity Chapter
- Transportation Projects and Programs identified in the CTP are also eligible to be included in MTC's Regional Transportation Plan called Plan Bay Area 2050



Questions?

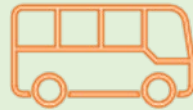
Overview of the CTP Transit Element

Kathrina Gregana
Associate Planner



Transit Trivia

Which statement is incorrect?



A. There are two train stations in Solano County

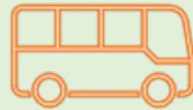
B. There is only one ferry terminal in Vallejo

C. Solano Mobility provides 10 commuter programs and 6 programs for seniors, people with disabilities and low-income individuals

D. There are 6 bus operators that provide local bus service

Transit Trivia

Which statement is incorrect?



A. There are two train stations in Solano County

B. There is only one ferry terminal in Vallejo – **there are two!**

C. Solano Mobility provides 10 commuter programs and 6 programs for seniors, people with disabilities and low-income individuals

D. There are 6 bus operators that provide local bus service

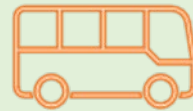
B. There is only one ferry terminal in Vallejo – there are two!



1. Vallejo Ferry Terminal
2. Mare Island

What is the Public Transit System?

- Transit services that are available for use by the public and are designed to move residents, employees, and visitors between cities and Solano County's borders
- Includes bus services, passenger rail, ferry, and ADA and mobility management programs (Solano Mobility)



The Transit Committee will focus on the Solano transit system



STA's Role: Plan, fund, coordinate, and deliver transit infrastructure and services for Solano County residents

Regional Transit Services



Capitol Corridor Joint Powers Authority



Water Emergency Transportation Services (WETA) Ferry Service



Solano Express

Other Regional Services



Napa Vine

- Vine 21: Napa Valley College– FTC-Suisun Train Depot
- Vine 29: Napa-American Canyon-Vallejo Ferry Terminal-BART









Yolo Bus

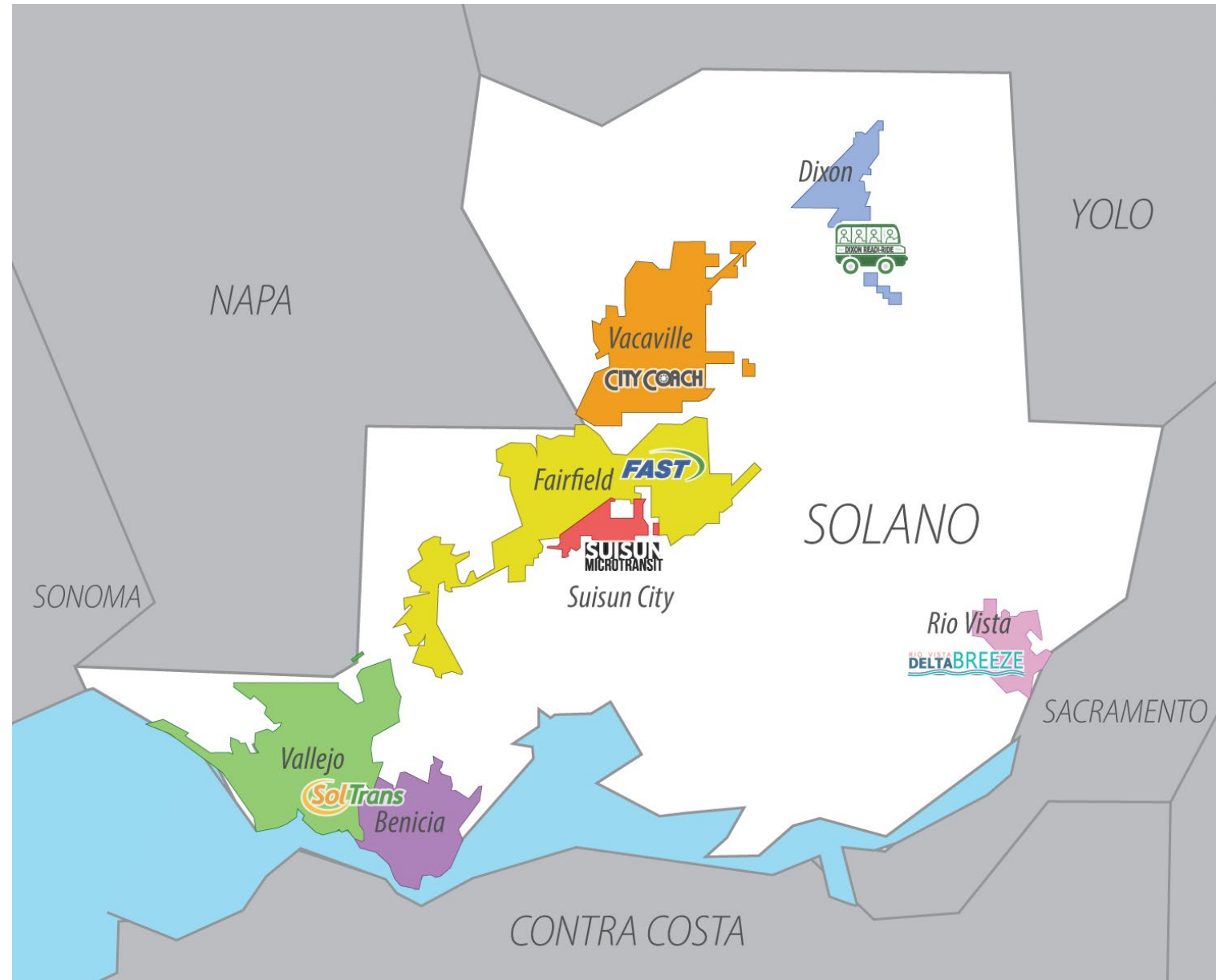
- I-505-Vaca Valley



LEGEND	
	SF Ferry
	Capitol Corridor
	Solano Express (SE) Lines
	SE Blue Line
	SE Green Line
	SE Red Line
	SE Yellow Line

Local Bus Services

-  Dixon Read-Ride
-  FAST
-  Rio Vista Delta Breeze
-  Suisun Microtransit
-  Solano County Transit (SolTrans)
-  Vacaville City Coach



Why Focus on Transit?

State's Aggressive Greenhouse Gas Emissions Goals

- Target of cutting 48% of GHG below 1990 levels by 2030
- Sustainable Communities Strategy
- Switch from Level of Service (LOS) to Vehicle Miles Traveled (VMT)
- California Climate Action Plan for Transportation Infrastructure (CAPTI)

Technology Advancements and Innovative Forms of Mobility

- Microtransit
- Rideshare TNCs
- Alternative Fuels for Transit
- Mobility as a Service (MaaS)

Impact of COVID-19 Pandemic on Commuting and Travel Patterns

Components of the Transit Element

The CTP Transit Element focus on the following:

- Overview of Transit Services in Solano County
- Goals and Priorities for the Transit System over 10-year Horizon
- Electrification and Alternative Fuels
- Priority Projects and Programs
- Potential Funding Programs to Match Identified Projects



Element-Related Plans, Programs, and Studies



MTC Plan Bay Area 2050

Long-range plan developed and adopted by the Metropolitan Transportation Commission (MTC) and the Association of Bay Area Governments (ABAG) to create a more affordable, connected, diverse, healthy and vibrant Bay Area for all residents



MTC Plan Bay Area 2050 – Elements/Themes/Strategies

Housing

- Protect and preserve affordable housing (2)
- Spur housing for residents of all income levels (4)
- Create inclusive communities (2)

Economy

- Improve economic mobility (3)
- Shift location of jobs (3)

Transportation

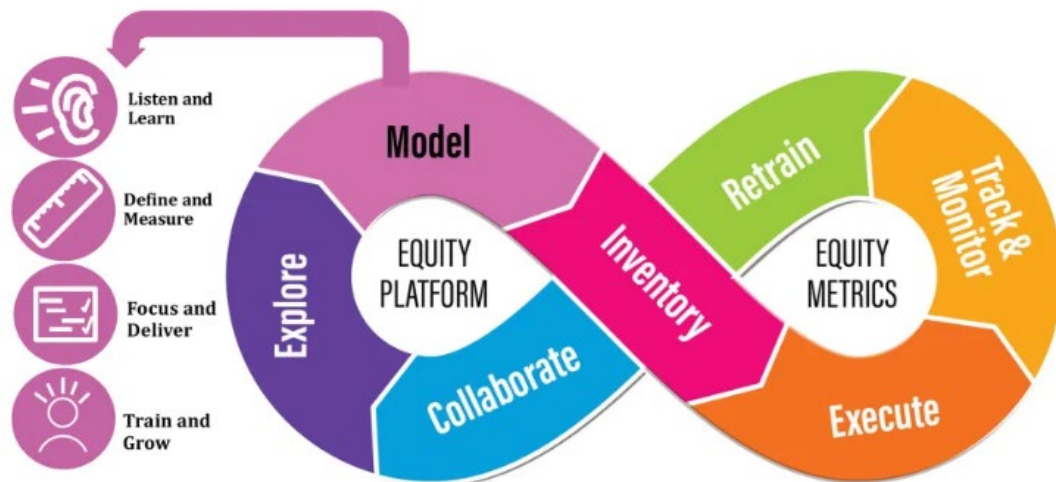
- Maintain and optimize the existing system (7)
- Create healthy and safe streets (2)
- Build a next-generation transit network (3)

Environment

- Reduce risks from hazards (3)
- Expand access to parks and open spaces (3)
- Reduce climate emissions (3)

MTC Plan Bay Area 2050 – Equity Focus

The 35 identified strategies are centered advancing equity, through careful considerations of investments and policies that affect historically and systematically marginalized communities



MTC Equity Definition:
Just inclusion in the Bay Area
where everyone can participate,
prosper and reach their full
potential



MTC Blue Ribbon Transit Recovery Task Force – 6 Functional Areas

Fare Integration Policy

- Set the regional vision
- Establish regional policies
- Establish policy implementation plans, including the identification of funding

Wayfinding & Mapping

- Set the regional vision
- Establish regional policies (e.g., design standards, compliance requirements)
- Establish policy implementation plans, including the identification of funding
- Deliver centralized procurement, where relevant

Accessibility

- Embed accessibility within each of the other functional area plans
- Define a regional vision for paratransit operations
- Identify improvements needs re: implementation of paratransit policies and requirements
- Establish a regional implementation plan

Bus Transit Priority

- Set the regional vision
- Define BTP corridors and identify needs / initiatives
- Serve as the central coordination point for state, county, and city stakeholders
- Establish policy implementation plans, including the identification of funding

Rail Network Mgmt.

- Set the vision for the regional rail network
- Translate regional vision into regional implementation plan (project prioritization, sequencing, integration points, project funding, delivery approach, etc.)

Connected Network Planning

- Identify critical regional transit gaps to create CNP
- Establish and create data tools for regional planning
- Identify funding priorities and establish service standards
- Draft changes to Countywide Transportation Plan guidelines, as needed

Completed Transit Priority Projects Since 2010

This is not the full list of completed projects



York St Bus Stop Extension



Fairfield Transit Center I-80 Slip Ramp



Curtola Park & Ride Lot Expansion and Inductive Charging



Benicia Bus Hub

Completed Transit Priority Projects Since 2010

This is not the full list of completed projects

Fairfield-Vacaville Hannigan Station



Suisun Mobility Hub –Groundbreaking Event Held Last Week!



Fairgrounds Drive Bus Improvements

Questions?



Seamus Murphy
Executive Director

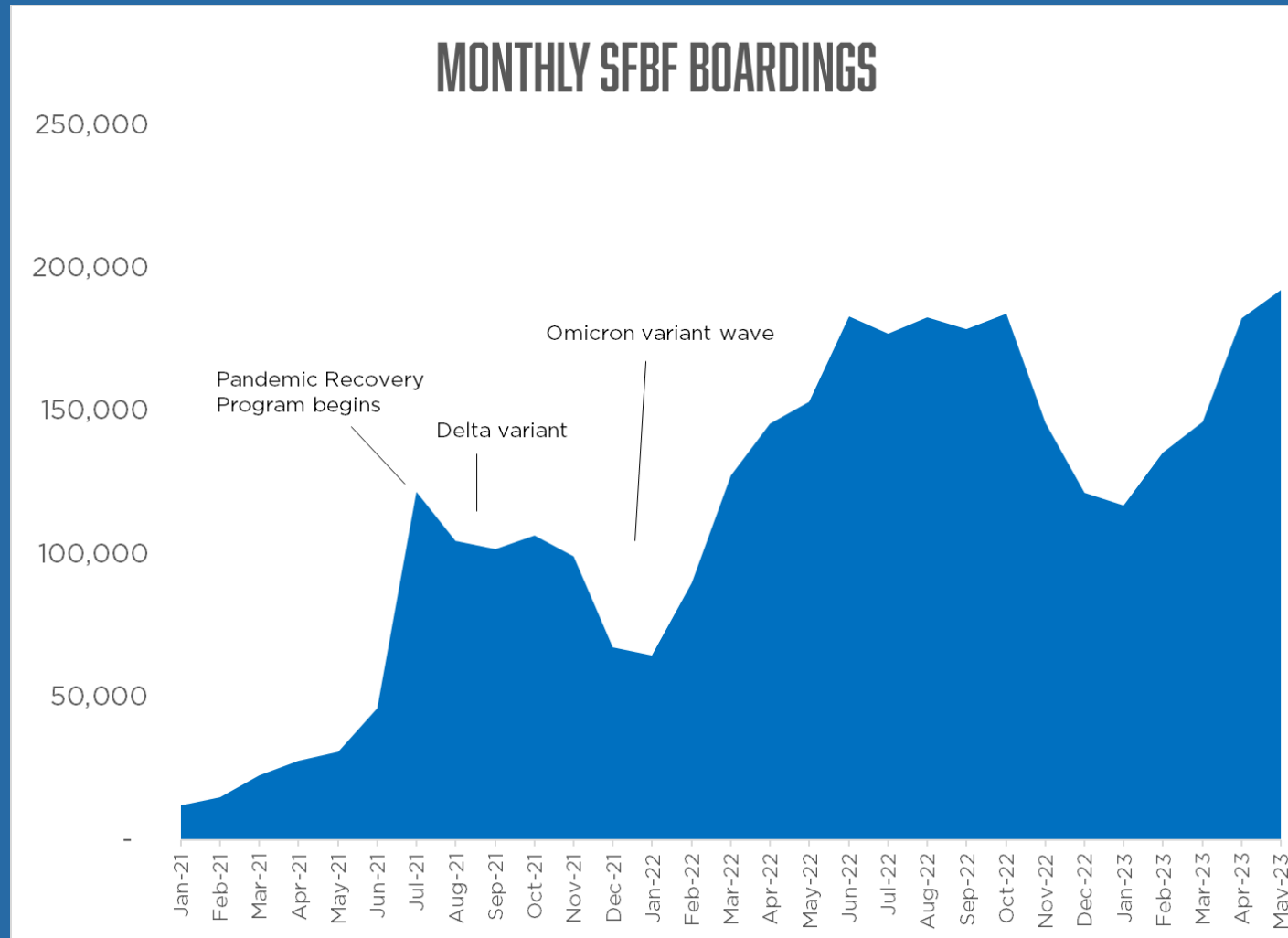
July 14, 2023

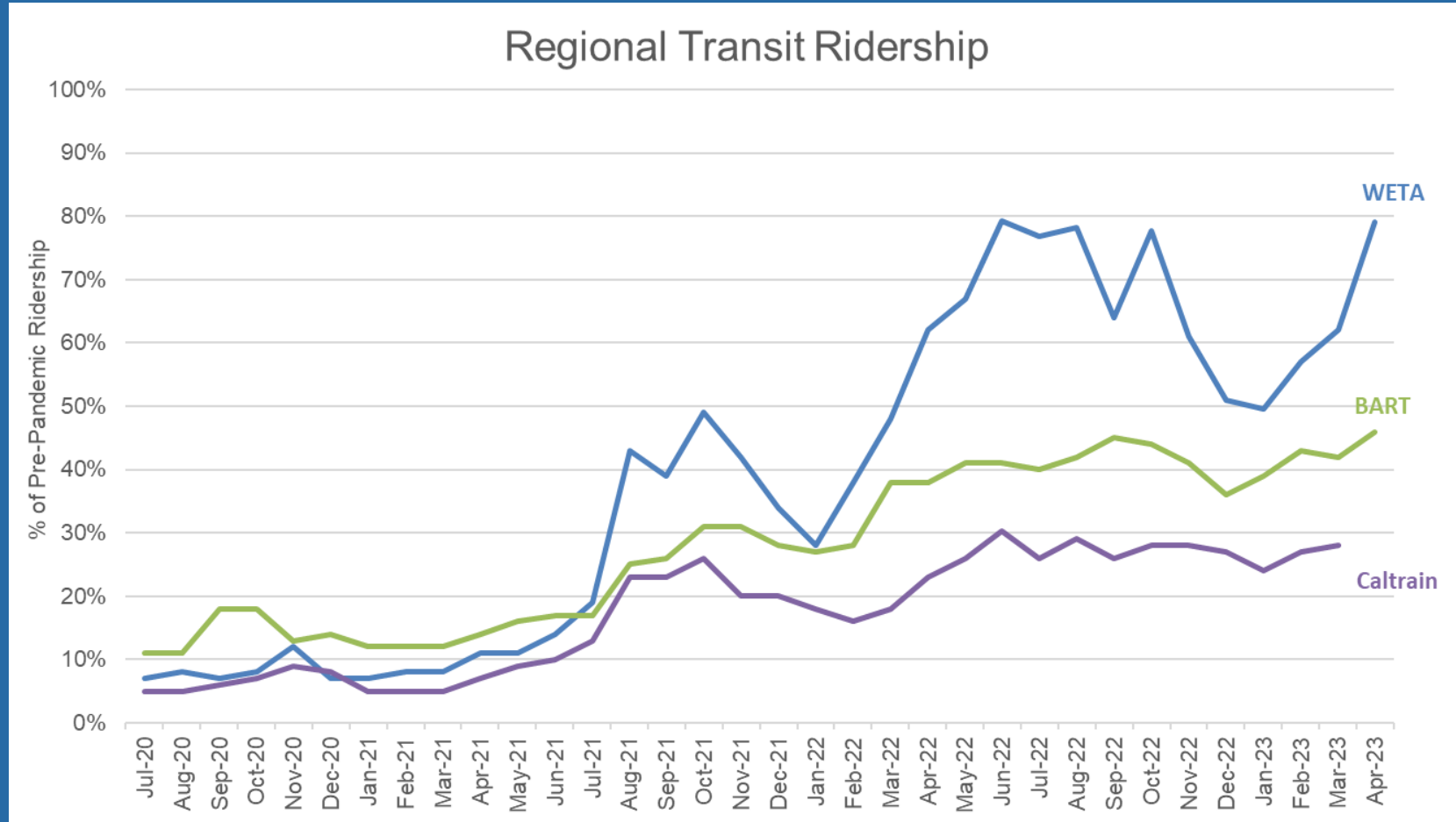
WETA Overview

- Formed by State Legislature, first as *San Francisco Bay Area Water Transit Authority* (1999)
- Reformed as *San Francisco Bay Area Water Emergency Transportation Authority* (2009)
- Five state-appointed directors (3 Governor, 1 Assembly, 1 Senate)
- Tasked with operating and expanding Bay Area ferry service and managing waterborne emergency response
- Doubled ridership from 2012 to 2019
 - Vallejo ridership increased from **650K** in FY13 to **1.1M** in FY19

Pandemic Recovery

- Pandemic dropped ridership 92% almost overnight
- Federal relief prevented maritime layoffs and provided resources for recovery
- Pandemic Recovery Program: launched in July 2021, slashed fares 30% and boosted service 30% over pre-pandemic levels to enhance relevance and equitable access
- Weekend ridership: very close to 2019 levels
- Weekday ridership: growing over time but still lagging, especially in the peak commute
- Performing ahead of comparable operators (BART and Caltrain)





Passenger Survey

- Conducted onboard passenger survey in July-Aug 2022
- **99%** of passengers said they were **satisfied** with their ride
 - 76% said they were **very satisfied**
- 42% of passengers systemwide did not ride the ferry before the pandemic
 - This speaks to the effectiveness of PRP and marketing efforts
 - 34% of Vallejo passengers were new riders -- many shared that they moved out of urban core during pandemic but wanted good commute option, so they chose Vallejo
- Major shift in how riders get to/from Vallejo Ferry Terminal
 - Single-occupancy vehicles has been cut in half – from 86% in 2014 to 43% in 2022
 - Kiss-and-ride and ride hail increased with help from STA's First/Last Mile Program

Passenger Experience Focus

- Working to make riding the ferry as easy and pleasant as possible
- **Integrated ticketing system**
 - Launched an integrated ticketing system and app in 2022 for all non-Clipper fare payment, including reservation-based special event service
 - Streamlines passenger experience for occasional/new riders and allows easier data analysis
- **Real-time information**
 - Implemented real-time system in 2022 allowing for arrival predictions and easily distributed Rider Alerts via app and signage

Community Outreach

- WETA has invested in ramping up community outreach since 2021
- Presence at events such as Vallejo Waterfront Weekend and Juneteenth
- Direct outreach to multi-family residential and faith communities with easy access to the ferry
- What we've learned from non-riders in Vallejo:
 - Cost remains a barrier, especially for families traveling to S.F.
 - Low awareness of discount programs (Clipper START, 50% senior and youth discounts)
 - Parking at the ferry terminal (\$8 per day) is a major concern

Transit Options: Solano County to San Francisco

Mode	Daily/Roundtrip Cost (without parking)	Trips to S.F. per day	Average Travel Time Each Way
San Francisco Bay Ferry	\$18	13	60 minutes
Capitol Corridor (from Suisun/Fairfield)	\$30.60 (using 10-ride ticket)	12	98 minutes (includes bus transfer at Emeryville)
SolanoExpress Route 82	\$12	2 (1 morning, 1 late night)	60 minutes
Bus to BART (SolTrans R)	\$20 (\$10 bus, \$10 BART)	29 southbound trips for SolTrans R	75 minutes (40 min. bus, 5 min. transfer, 30 min. BART)
Drive to BART (El Cerrito del Norte)	\$22 (\$10 BART, \$7 toll, \$5 gas)	N/A – BART has high frequency throughout day	60-75 minutes (30 min. BART, 30-45 min drive)

Investments in Vallejo

- **Pyxis class vessels**
 - Three 445-passenger, 34-knot ferries delivered in 2019 and 2020
 - Helped address capacity issues before the pandemic
- **Dorado class vessels**
 - 320-passenger, 36-knot ferries – the first delivered in 2022, second due this year
 - Versatile class fast enough to handle Vallejo route in 60 minutes and small enough to fit at other terminals
- **Vallejo Reconfiguration**
 - \$16 million project to pull the float out of the basin and eliminate expensive, disruptive dredging



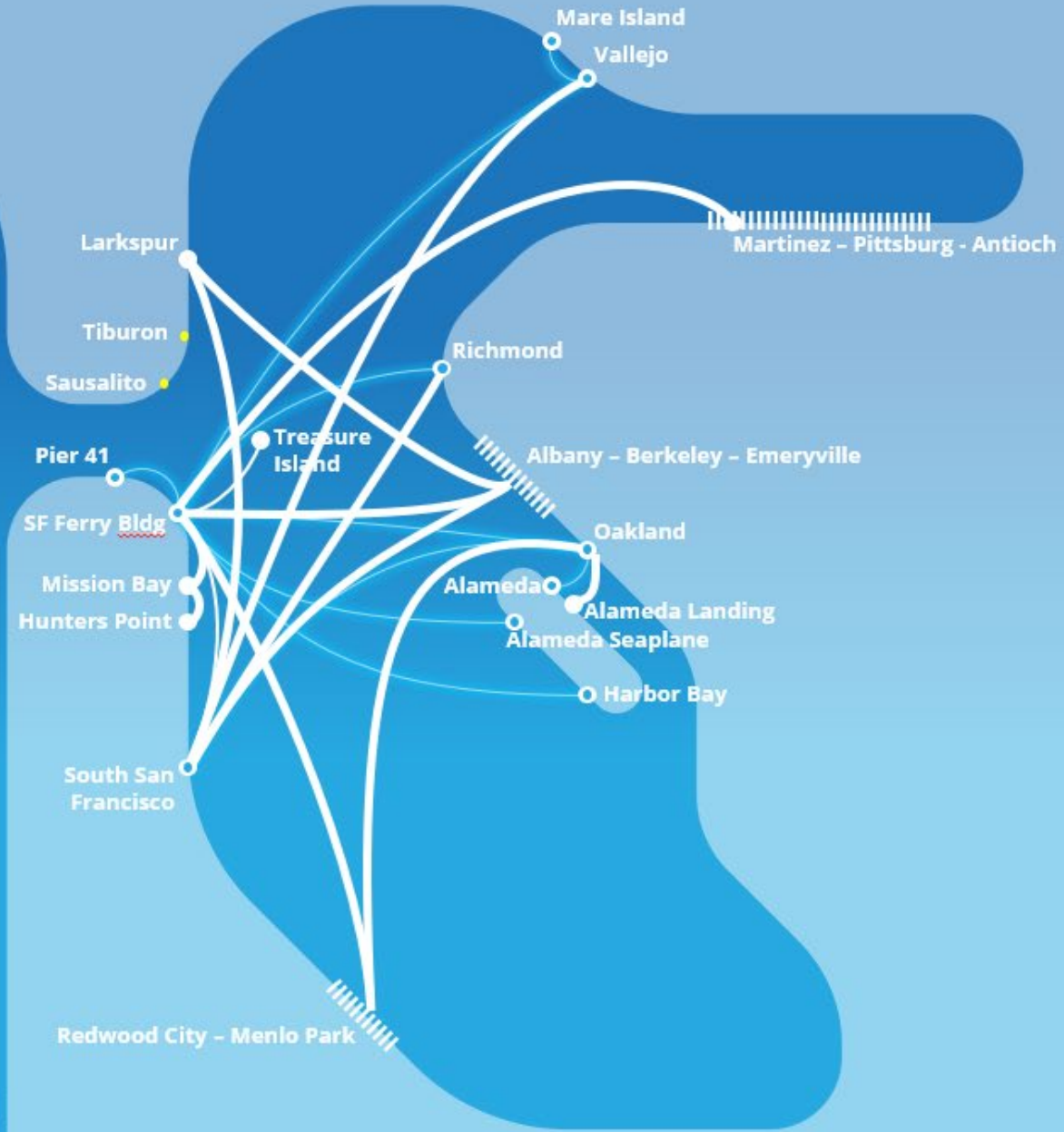
2050 Service Vision and Business Plan

- Blueprint for a world class ferry system for the Bay Area
- Six focus areas:
 - Regional ferry network
 - Emergency response
 - Environmental stewardship
 - Community connections
 - Organizational capacity
 - Financial capacity
- Stakeholder and public outreach ongoing – info at bayferry2050.org

Core Focus Network

Network details

- 18 terminals
- 17 routes
- 36-59 vessels



NEW WETA EXISTING GGF EXISTING

Route



Terminal



Multiple options for terminal location



Plan Bay Area includes regionally planned projects. Other expansion concepts are example networks.

Special event service to AT&T Park and Chase Center not shown on map



Coverage Focus Network

Network details

- 26 terminals
- 23 routes
- 67-87 vessels



	NEW	WETA EXISTING	GGF EXISTING
Route			
Terminal			

Multiple options for terminal location

Plan Bay Area includes regionally planned projects. Other expansion concepts are example networks.

Special event service to AT&T Park and Chase Center not shown on map



Operating Funding for Ferry Service (FY23)

- Federal COVID-19 Relief: \$27 million (44%)
- Bridge Tolls: \$18 million (30%)
- Fare Revenue: \$11 million (18%)
- Contra Costa Sales Tax: \$4 million (6%)
- Other: \$1 million (2%)

Prior to the pandemic, **fare revenue** was WETA's largest operating revenue source.

Federal COVID-19 relief will run out in FY24.

Regional Measure 3

- Voter approved in 2018, held up in litigation for 3.5 years
- California Supreme Court dismissed appeal in January 2023
- Up to \$35 million in annual operating funding for WETA
- \$300 million in capital funding to support projects
- Staff currently working with MTC and Board of Directors to identify near-term opportunities and plan work
- Bay Ferry 2050 will be a major guiding force in investments

Project Overview

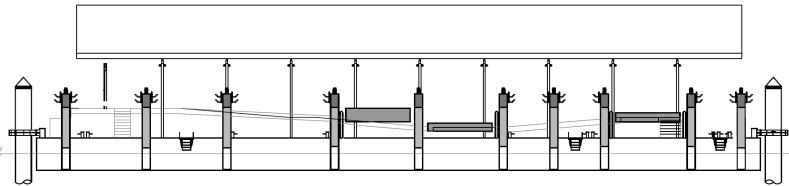
“Transition ferry operations on San Francisco Bay to zero-emission vessels”



6 x NEW & Converted Large Vessels



10 x NEW & Converted Medium Vessels



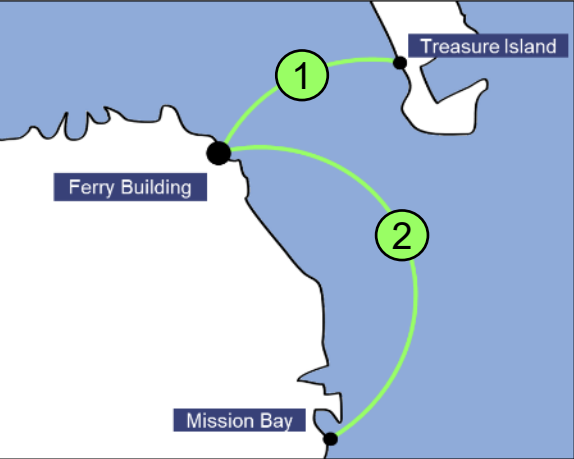
12 x NEW & Converted Charging Floats



5 x NEW Small Vessels

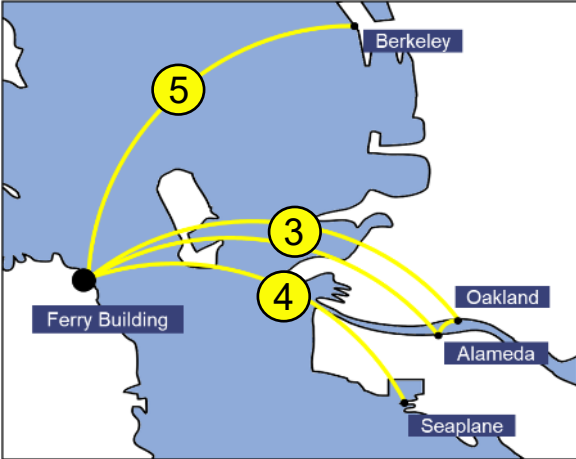
Phased Transition

Phase 1 - Inner Central Bay



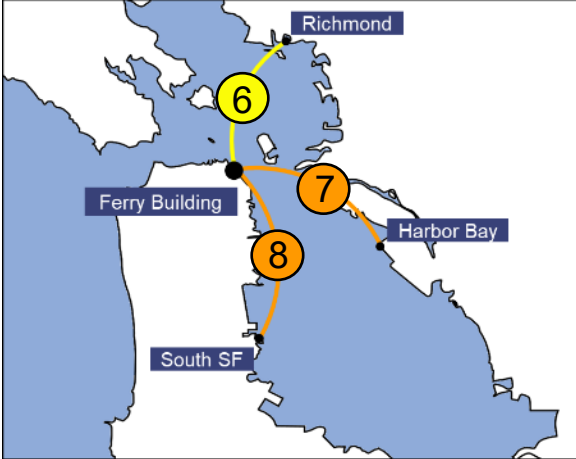
- 1 Treasure Island
- 2 Mission Bay

Phase 2 – Central Bay



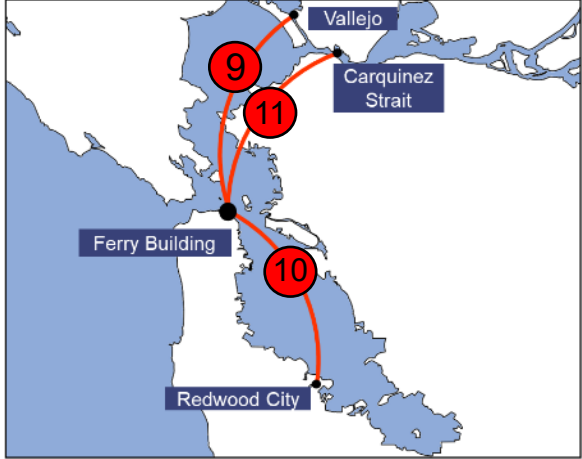
- 3 Oakland/Alameda
- 4 Seaplane
- 5 Berkeley

Phase 3 – Long Run Central Bay



- 6 Richmond
- 7 Harbor Bay
- 8 South SF

Phase 4 – Long Runs

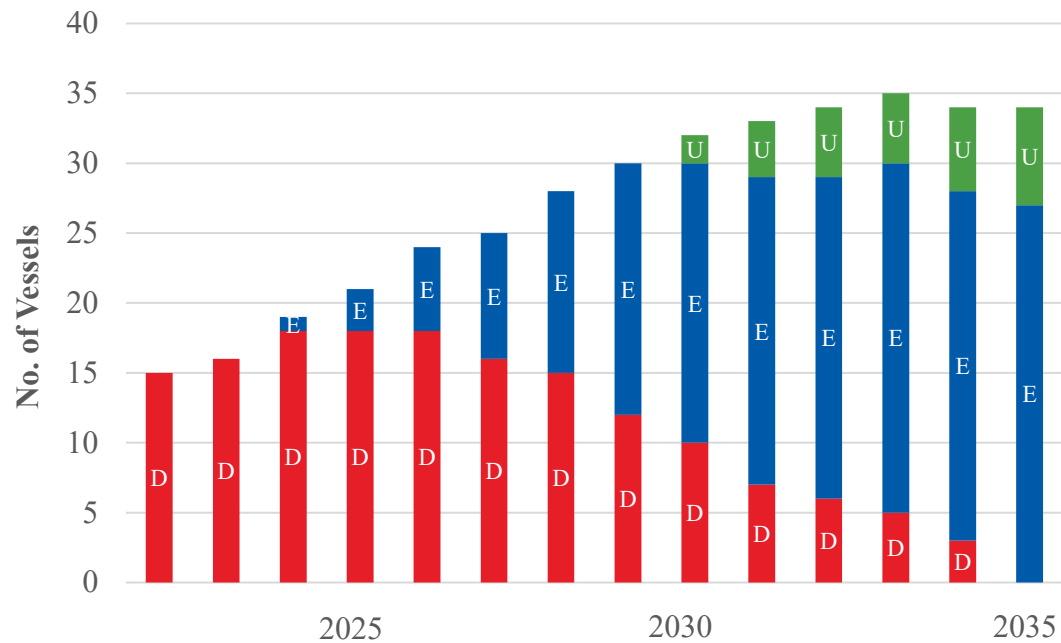


- 9 Vallejo
- 10 Redwood City
- 11 Carquinez

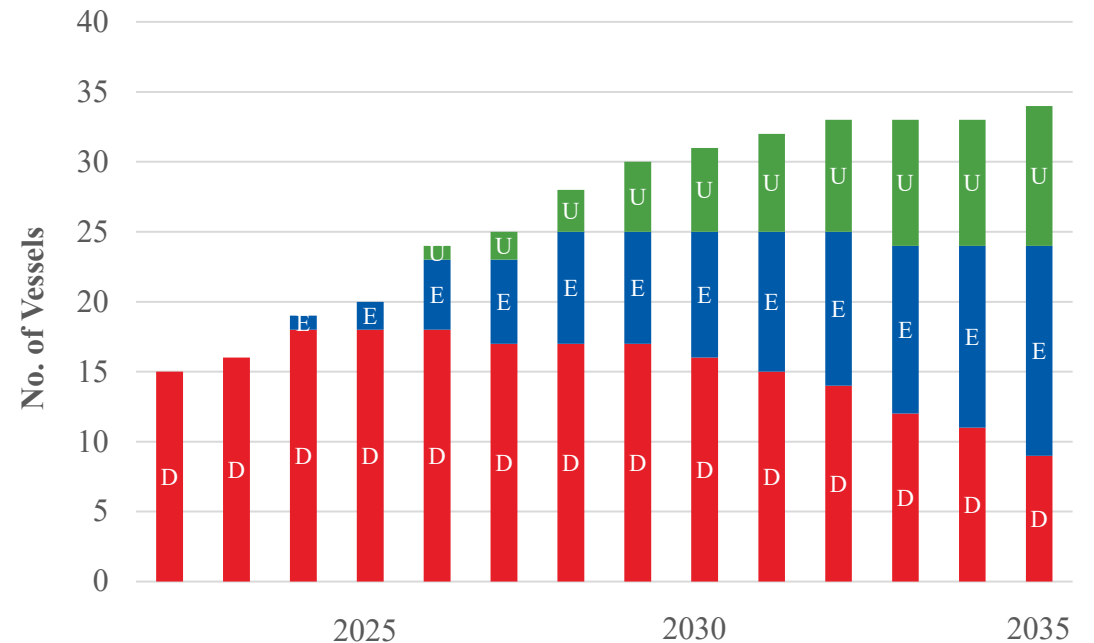
- Feasible with Current Vessel Technology
- Feasible with Current Vessel Technology - Operational Changes Required
- Feasible with Current Vessel Technology - Significant Operational Changes Required
- Not Currently Feasible – TBD Future Technology Required

The Electric Fleet Transition

Optimal Implementation



Conservative Implementation

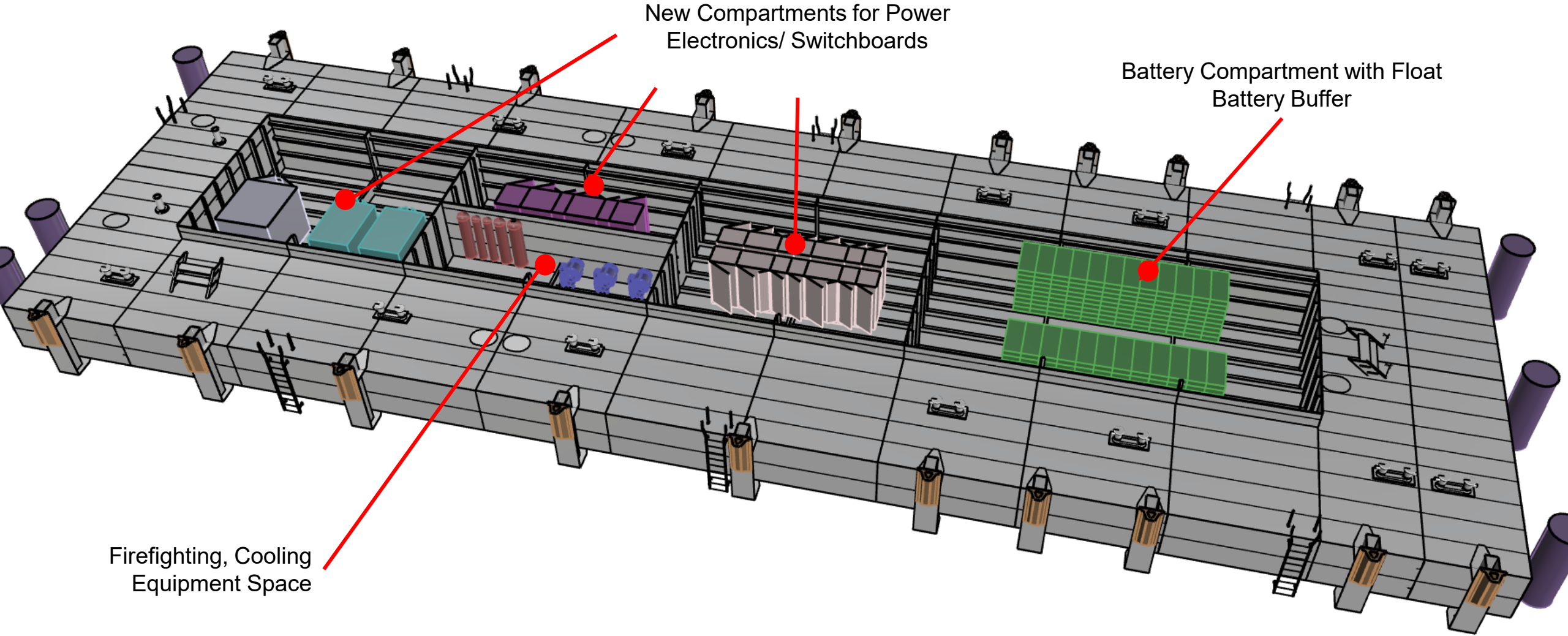


■ Diesel Vessel

■ Battery Electric Vessel

■ TBD (Future Technology, Alternative Fuel, Hydrogen)

Conceptual Compartmentalization



Charging Equipment Overview



- DC Charging (voltage range: 600-1000 V DC)
- Megawatt Charging System (MCS)- based design
- 4-5MW charging power
- Davit for cable management



Version without top handle



Twin handles for ease of use



Cavotec inlet

Alternative Fuels





San Francisco Bay Ferry

A SERVICE OF WETA

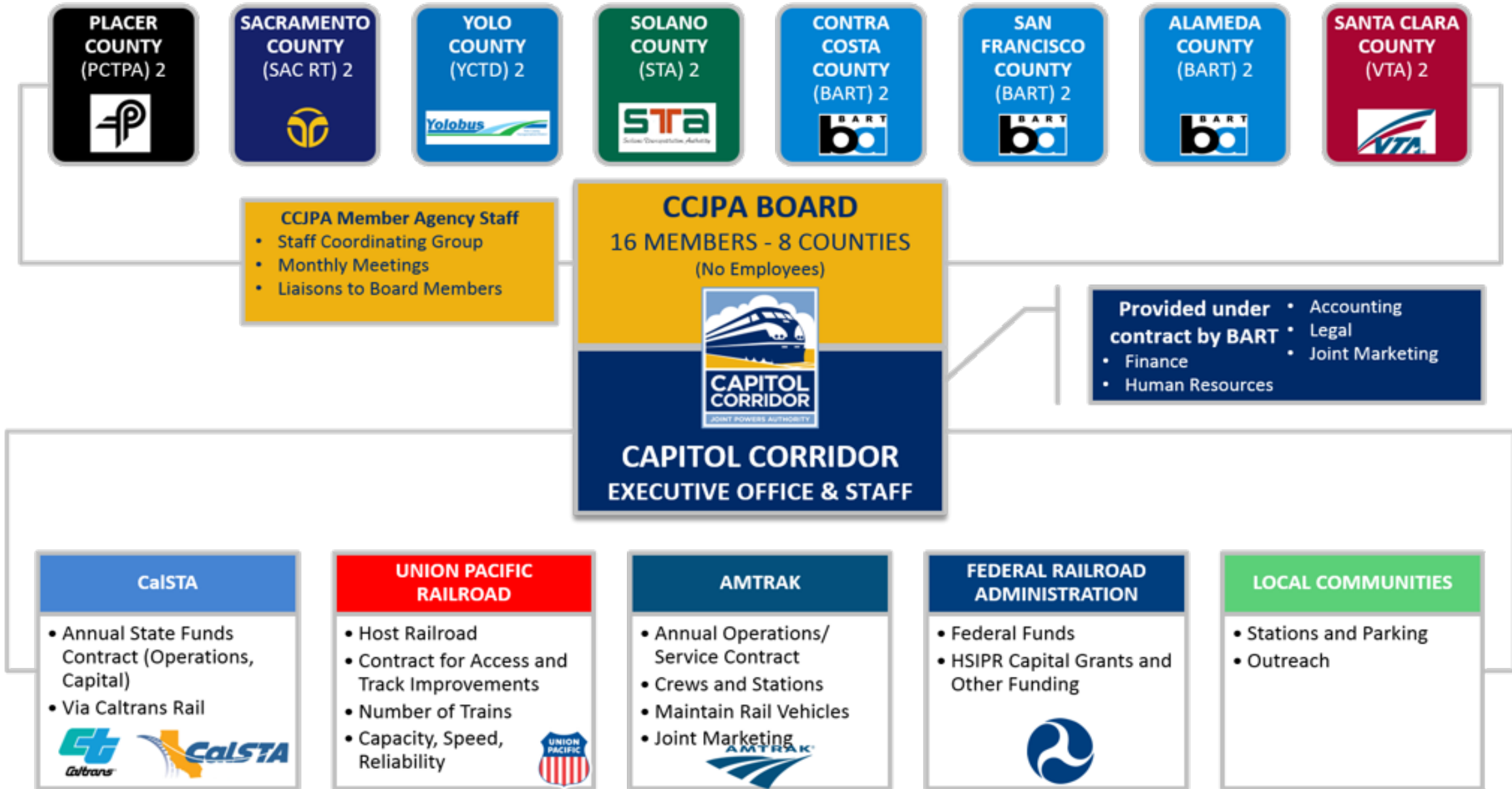


STA's CTP Transit Committee Briefing: Capitol Corridor Service

July 12, 2023

Jim Allison, CCJPA's Manager of Planning

Capitol Corridor Overview



PLACER COUNTY (PCTPA) 2

SACRAMENTO COUNTY (SAC RT) 2

YOLO COUNTY (YCTD) 2

SOLANO COUNTY (STA) 2

CONTRA COSTA COUNTY (BART) 2

SAN FRANCISCO COUNTY (BART) 2

ALAMEDA COUNTY (BART) 2

SANTA CLARA COUNTY (VTA) 2

CCJPA Member Agency Staff

- Staff Coordinating Group
- Monthly Meetings
- Liaisons to Board Members

CCJPA BOARD
16 MEMBERS - 8 COUNTIES
(No Employees)

CAPITOL CORRIDOR
EXECUTIVE OFFICE & STAFF

Provided under contract by BART

- Accounting
- Legal
- Finance
- Human Resources
- Joint Marketing

CalSTA

- Annual State Funds Contract (Operations, Capital)
- Via Caltrans Rail

UNION PACIFIC RAILROAD

- Host Railroad
- Contract for Access and Track Improvements
- Number of Trains
- Capacity, Speed, Reliability

AMTRAK

- Annual Operations/Service Contract
- Crews and Stations
- Maintain Rail Vehicles
- Joint Marketing

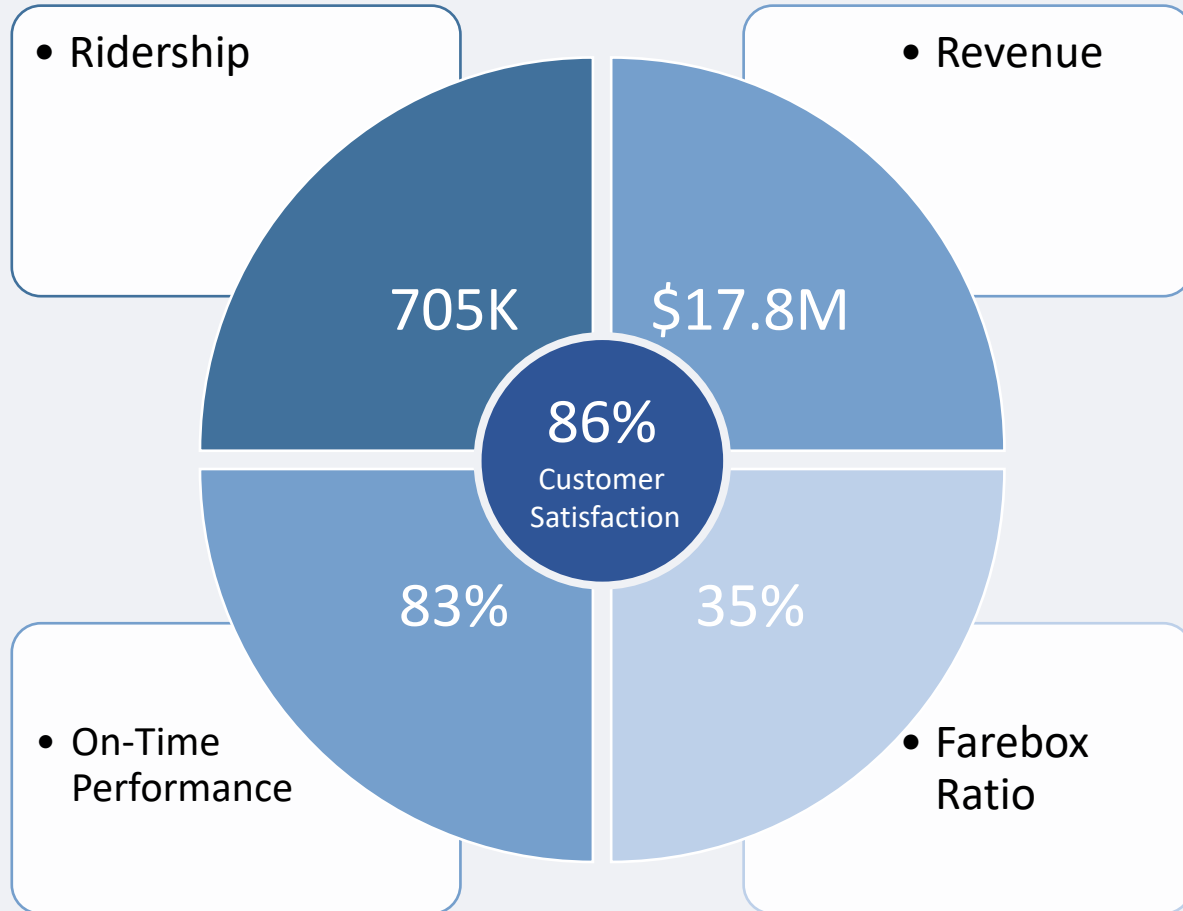
FEDERAL RAILROAD ADMINISTRATION

- Federal Funds
- HSIPR Capital Grants and Other Funding

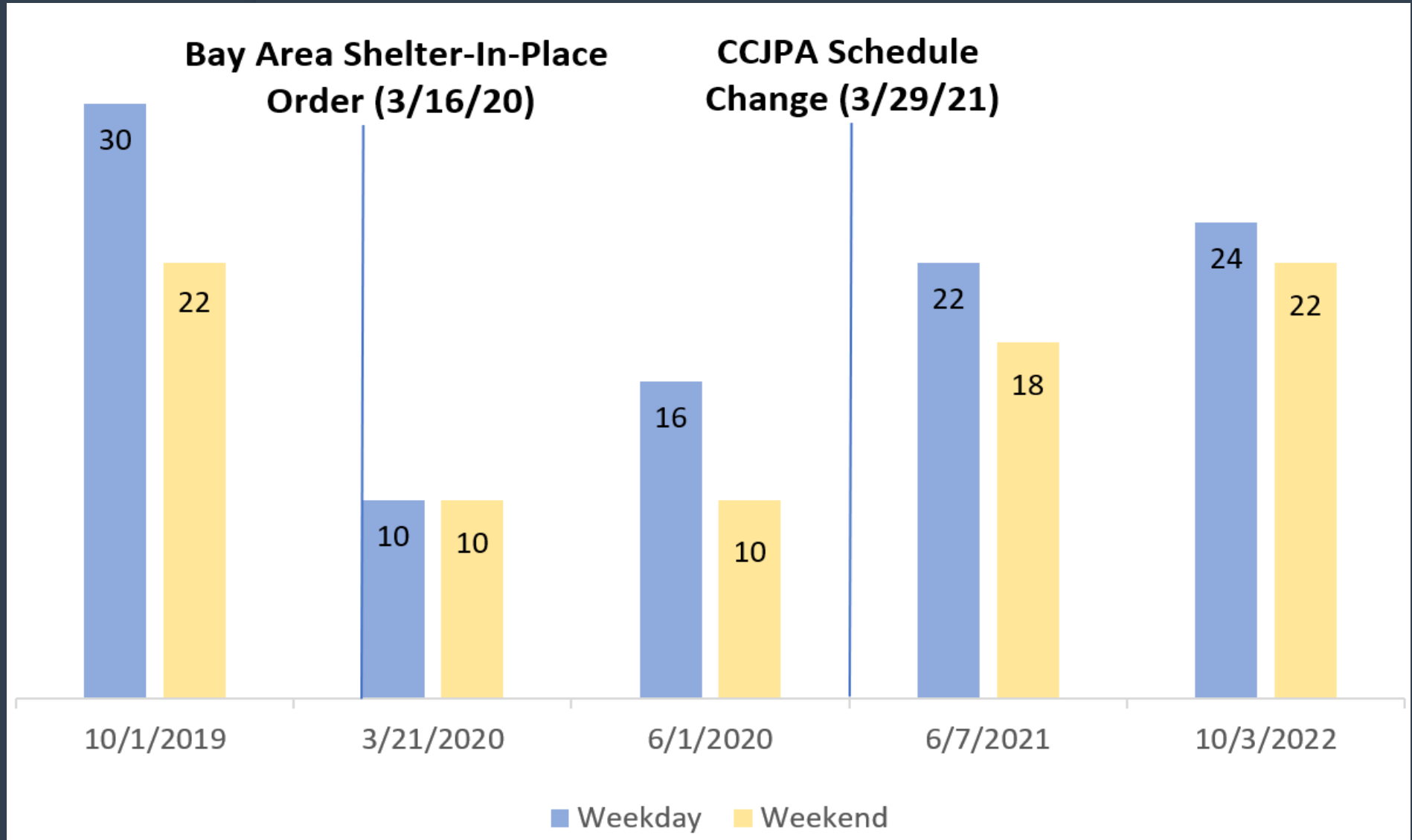
LOCAL COMMUNITIES

- Stations and Parking
- Outreach

Key Performance Markers - FFY22



Service Restoration



Service Expansion

Sac-Roseville 3rd Track Phase 1 (~2028):
Increase Sacramento to Roseville service from one to three round trips daily

South Bay Connect (~2029): Reroute reduces travel times (~10 min) between Oakland and San Jose; reduces train congestion; Transbay bus and shuttle connections to the Peninsula

Link 21 Program (Link21program.org) (~2040):
Joint BART/CCJPA led planning effort for second Transbay crossing with direct rail service into San Francisco, along with supporting rail improvements in the Megaregion

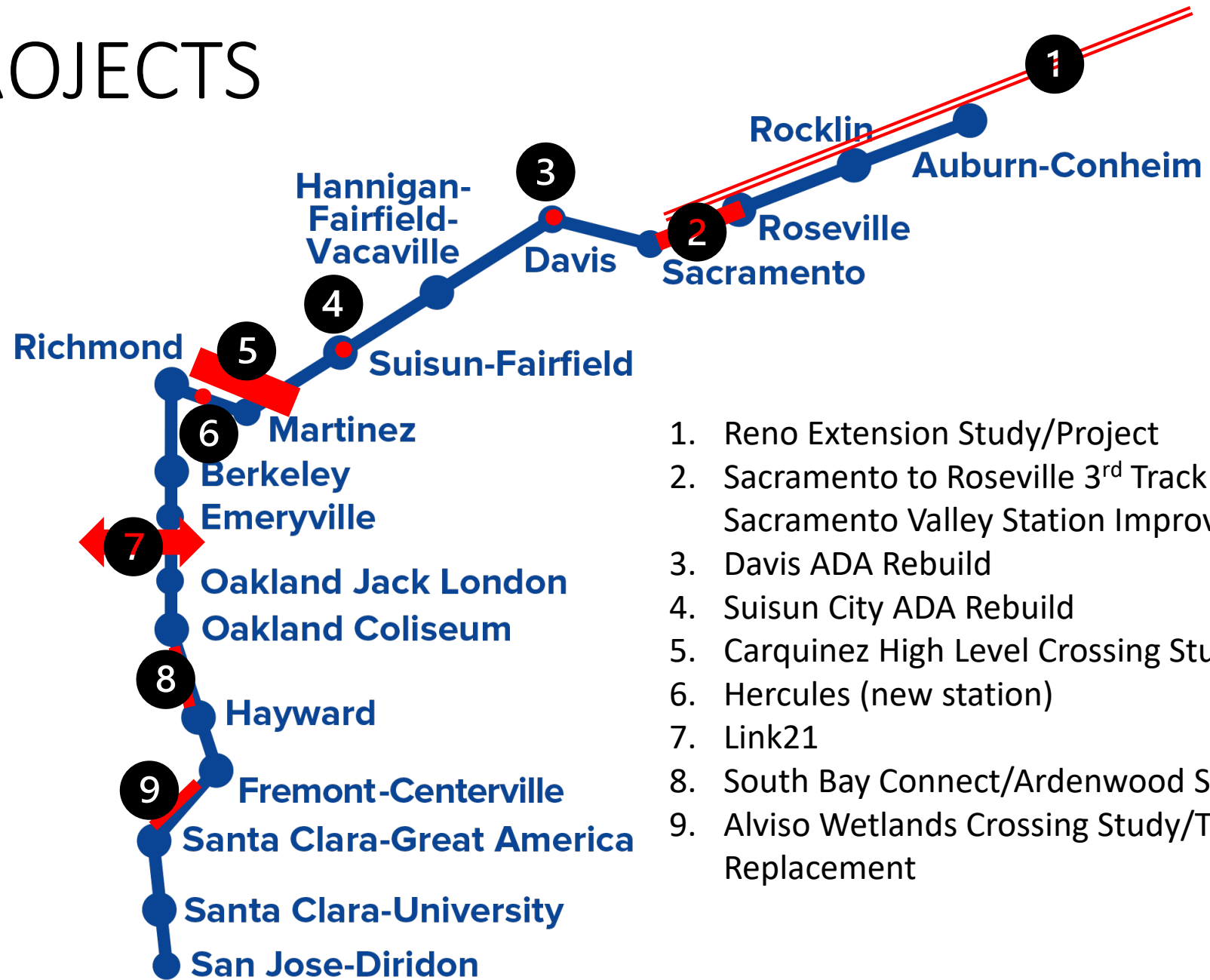




Service Reliability

- Agnew Siding
- Stege Signal Replacement
- Davis Interlocking and Signal Replacement

CAPITAL PROJECTS



1. Reno Extension Study/Project
2. Sacramento to Roseville 3rd Track & Sacramento Valley Station Improvements
3. Davis ADA Rebuild
4. Suisun City ADA Rebuild
5. Carquinez High Level Crossing Study/Project
6. Hercules (new station)
7. Link21
8. South Bay Connect/Ardenwood Station
9. Alviso Wetlands Crossing Study/Track Replacement

A photograph showing a chain-link fence in the foreground, with a muddy, rutted ground in front of it. In the background, there are several large, leafy trees under a grey, overcast sky. The image is partially obscured by a dark blue overlay on the right side.

Safety and Security

- Security barriers and fences along ROW/ROW Clean-up
- Two New UPRR Special Agents
- Grade Crossing Analysis and Stakeholder Engagement
- California Operation Lifesaver Outreach

Tap2Ride (Cal-ITP)

What is it?

A pilot program to test contactless payment for travel on the Capitol Corridor (trains only).

How does it work?

Participants simply tap a registered contactless card onboard the train to pay for the train trip.

How much will fares be?

Pilot participants receive a discount on their train fares (least costly travel option for most).

When is it launching?

Pilot launched in March 2023; learnings being applied now for future expansion phase(s)



For more information and to sign up for the pilot, visit www.capitolcorridor.org/tap2ride.



ITEM VI.7 FEDERAL REAUTHORIZATION

Infrastructure & Investment Jobs Act

In Millions

PROGRAM	BIPARTISAN INFRASTRUCTURE		
	Authorization	One-Time Appropriation	Authorization + Appropriation
Consolidated Rail Infrastructure Safety (CRISI)	\$5,000	\$5,000	\$10,000
Federal State Partnership for State of Good Repair	\$7,500	\$36,000	\$43,500
Restoration and Enhancement	\$250	N/A	\$250
Amtrak - Northeast Corridor	\$6,570	\$6,000	\$12,570
Amtrak - National Network	\$12,650	\$16,000	\$28,650
FRA Safety, Operations, Railroad Research and Development	\$1,315	N/A	\$1,315
Grade Crossing Separation (House)/ Railroad Crossing Elimination	\$2,500	\$3,000	\$5,500
TOTAL	\$35,785	\$66,000	\$101,785

FRA Corridor Identification Program

- FRA to establish project and funding partnerships with corridor rail operations
- Goal to to develop a capital project plans with 10-15 year horizon
- Three Phases to Corridor Identification
 - PH1: Scope out Service Development Plan (SDP) needs
 - PH2: Develop SDP (much like a detailed CC Vision Plan)
 - PH3: Program/project development funding for prioritized projects



State, Regional and Local Rail Efforts

David Kutrosky
DBK Advisory Services
STA Rail Project Manager



State and Regional Rail Efforts

1. 2023 CA State Rail Plan (CSRP)

- Establishes the State's vision for an integrated statewide rail network that delivers on its economic, environmental, and equity goals

2. Link21 Project

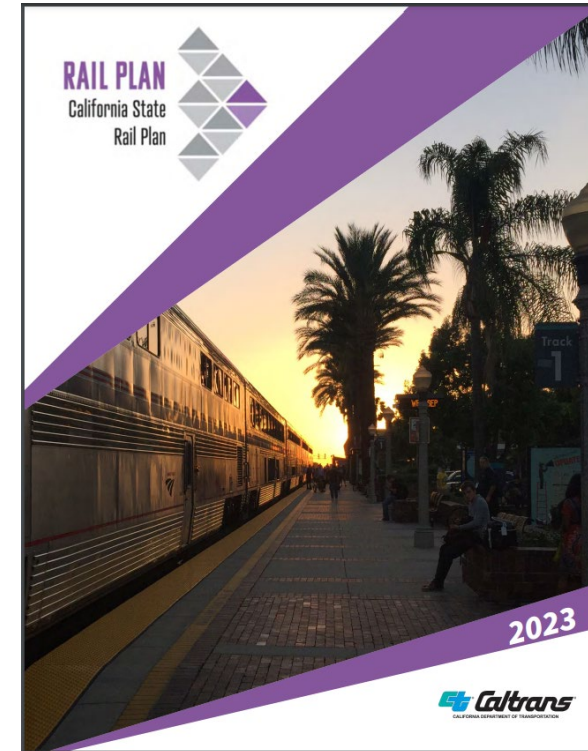
- A program of projects that include new train crossing between Oakland and San Francisco

3. SMART SR-37 Rail Study

- Initial paper explores ways to incorporate rail into upgraded SR 37

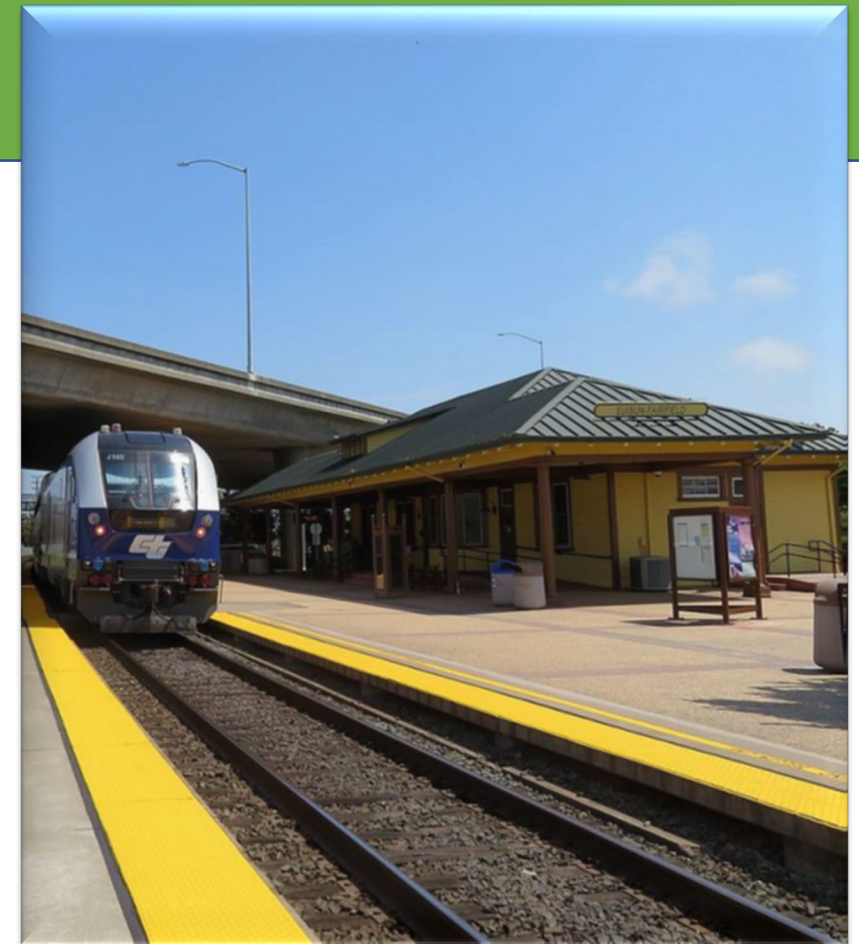
4. SMART–Sacramento Corridor

- Caltrans, working with SMART, submitted an application to the FRA for a new intercity passenger rail corridor: Novato –Sacramento



Solano Rail Hub Project

- 2018 CSRP identified a “Solano County Hub”
- In 2021, the STA Board designated Suisun-Fairfield Capitol Corridor Station as the “Solano Rail Hub”
- PROJECT GOALS:
 - Improve passenger and pedestrian safety
 - Upgrade passenger experience
 - Enhance community access
- KEY PROJECT COMPONENTS:
 - Upgrade to one wider, center grade-separated platform
 - Replace pedestrian bridge with one that is ADA-compliant
 - Allowance for future third mainline track
- PROJECT BENEFITS:
 - Island platform will eliminate “hold-out rule” to improve freight train fluidity and increase passenger train reliability
 - Supports Service Concepts in Link21 via 3rd mainline track
 - Aligns with Plan Bay Area 2050 employment and housing long-range plans



Solano Rail Hub Project

Solano Rail Hub – Initial Preliminary Project Schedule

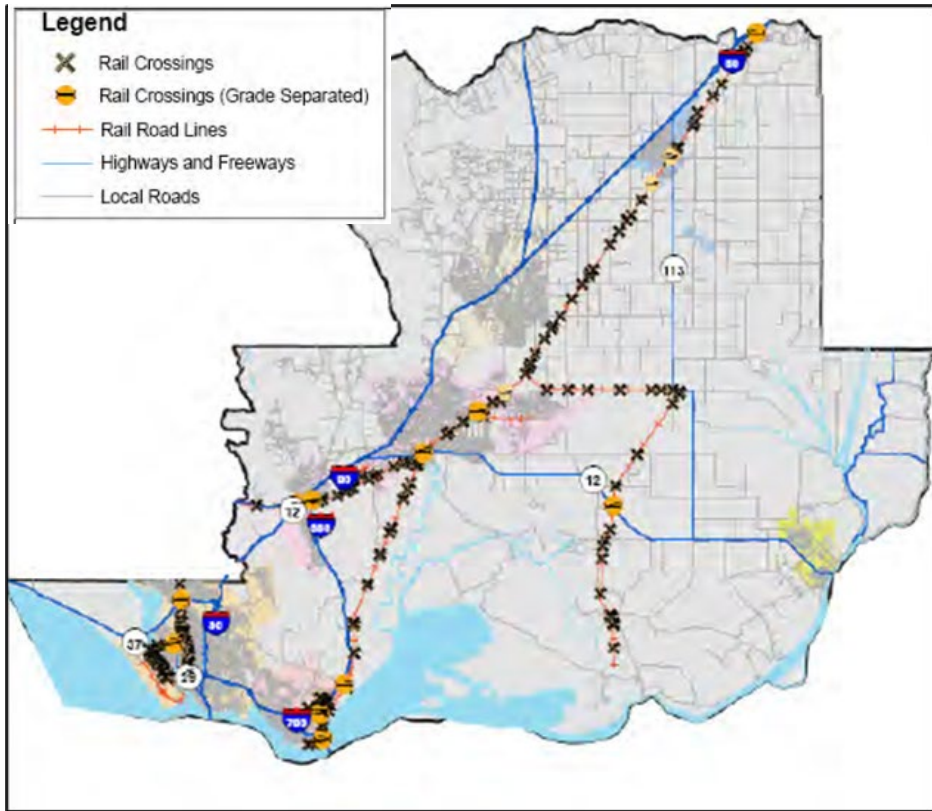
Project Phases	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Initial Planning Studies (STA)	Yellow	Yellow									
Project Study Report (Caltrans)			Purple	Purple							
Env'l/30% Design/Outreach-PA&ED				Green with Yellow Star	Green	Green					
Final Design						Blue	Blue				
Right of Way Acquisition											
Construction								Black	Black	Black	
Open to Public											Red

Vallejo Passenger Rail Study

- The City of Vallejo requested assistance from the STA to conduct a Feasibility Study of passenger rail service in Vallejo and the surrounding areas
- The Study will evaluate of the potential of train service and stations in Vallejo
- Estimated Schedule: March 2023-March 2024
- The results of the study will be coordinated with other passenger rail studies in the region

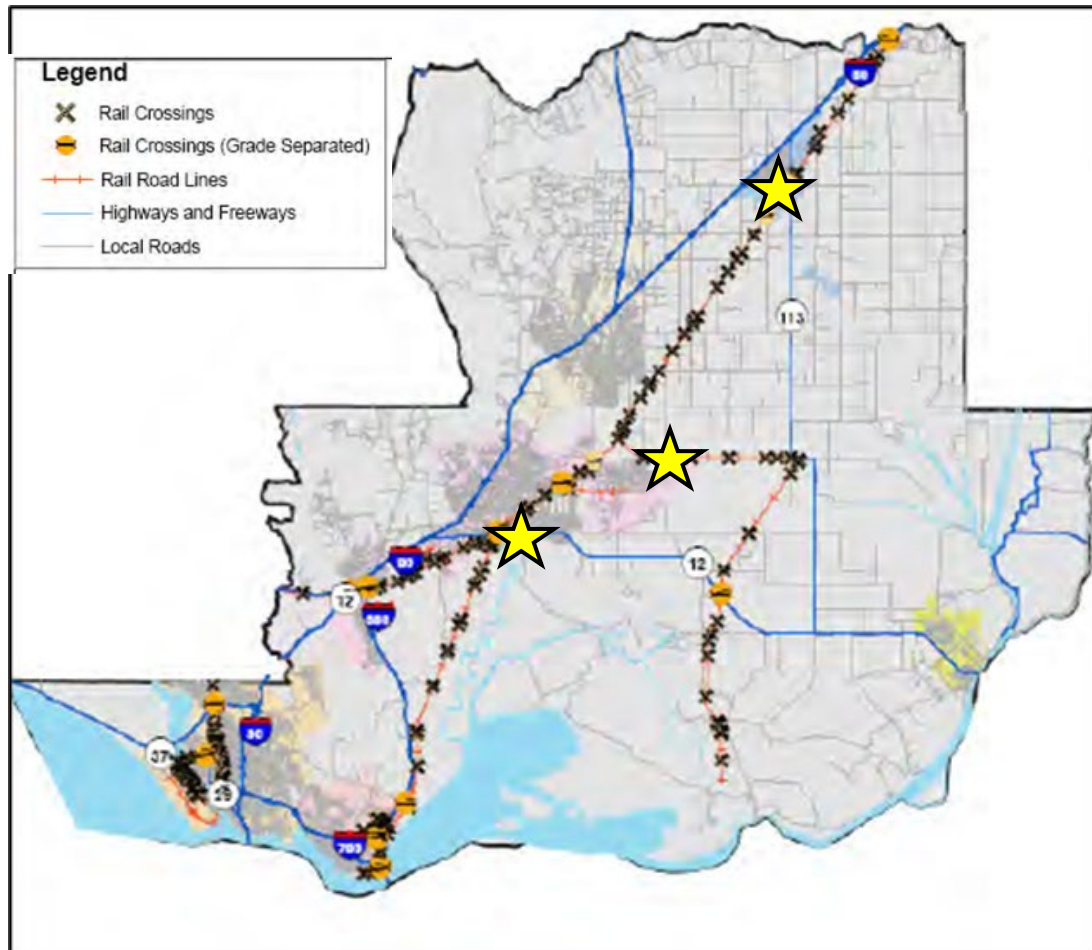


Rail Crossing Safety Improvements Plan Update



- The STA is working with member agencies to update the inventory of rail crossings in Solano County and identify a list of prioritized at-grade safety improvement projects that are needed
 - The study will consider current and future rail and vehicular traffic levels, accident data and land use sensitivities
- The goal is to pursue funding for the improvements at high-priority crossing locations
- Estimated Schedule: April 2023-March 2024

Rail Crossing Safety Improvements Plan Update



Priority Rail Crossing Projects:

1. City of Dixon – Park Road
2. City of Fairfield – Canon Road
3. City of Suisun City – Solano Rail Hub

Solano Mobility Programs

1

CTP Transit Committee 7/12/2023

Debbie McQuilkin, STA
Senior Mobility Program Coordinator
Older Adults & People with Disabilities

Lorene Garrett, STA
Program Coordinator II
Employer Commuter Program



Solano Mobility Programs

- **Mobility Programs and Services for all Solano County Older Adults, People with Disabilities, Low-Income residents, Transit-Dependent Individuals, and Commuters.**
- **Employer Commuter Program encourages residents and employees in Solano County to use alternative modes of transportation to support affordability and reduce greenhouse gas emissions.**

Designated as a Consolidated Transportation Services Agency since 2013



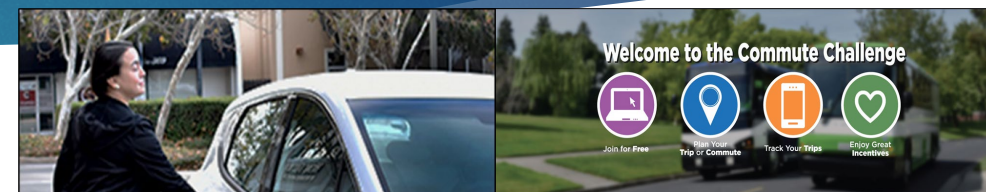
Solano Mobility Call Center (800) 535-6883

Solano Mobility Employer Commuter Program

For all commuters who are Solano County residents/employees

- ▶ 2-for-1 Solano Express Incentive
- ▶ Amtrak + Lyft Program (Fairfield, Suisun City & Vacaville Employees/Residents)
- ▶ Bucks for Bikes Incentive (18+, can commute to college)
- ▶ Commute Challenge
- ▶ First/Last Mile Program
- ▶ Guarantee Ride Home Program
- ▶ Guaranteed Ride Program for Solano Express Riders
- ▶ Vanpool Program

www.solanomobility.org/commuter-programs



AVOID TRAFFIC STRAIN



TAKE THE TRAIN



Bucks For Bikes:
Solano Mobility offers up to \$300 towards the purchase of a new bike! Call for more details.



Solano Mobility Equitable Access to Justice Program

- ▶ Partnership with Solano County Superior Courts
 - ▶ 1-year pilot started July 1, 2023
 - ▶ Prospective Jurors
 - ▶ Solano County Superior Court in Fairfield
 - ▶ Solano County Superior Court in Vallejo
 - ▶ Collaborative Court Participants
 - ▶ 11 Solano County Locations



Goal: Eliminate affordability/availability barrier to Solano County Superior Court participation by providing 100% subsidized rides.

www.solanomobility.org/courts



STra
Solano Transportation Authority
... working for you!

Solano Mobility Programs for Older Adults, People w/ Disabilities, Low-Income and Veterans

- *Programs and Services shaped by feedback from the Community via Mobility Studies, Plans and Outreach*
- *All programs are either low (subsidized) or no cost*
- **One Stop Call Center**
- **Medical Trip Concierge Program w/GoGo Grandparents**
- **ADA Eligibility Program**
- **Travel Training Programs**
- **Taxi Card Program (PEX)**
- **Veterans Mobility Program**
- **ADA Private Transportation**
- **Clipper Card Sales – Adult & Senior**
- **Senior Safe Driving Info**



Community Based Transportation Plans CBTPs

- Plans to study and identify transportation gaps and needs in economically disadvantaged communities
- STA previously completed CBTPs in the City of Dixon in 2004, Cordelia, Fairfield, and Suisun Cities in 2008, and East Fairfield, Vacaville in 2012, and in September 2020, the STA and the City of Vallejo completed the updated phase of its CBTP. The second phase of the City of Vallejo CBTP is currently underway with support from a California Air Resource Board (CARB) Grant.
- Additionally, the updated City of Suisun City CBTP was completed in August 2022.

- Rio Vista CBTP to be initiated in September 2023
- City of Dixon CBTP to be initiated in early 2024

RIO VISTA
DELTA
BREEZE



Outreach and Community Support

These Programs have been identified as priorities by these STA Advisory Committees and Community Based organizations to ensure information is made available to those in need.

- The Solano Equity Working Group
- Solano Workforce Development
- Veterans Organizations
- Older Adult Living Facilities
- Religious Organizations
- Community Based Organizations
- Solano Intercity Transit Consortium
- STA Technical Advisory Committee (TAC)
- Solano County Paratransit Coordinating Council (PCC)
- Consolidated Transportation Services Agency Advisory Committee (CTSA-AC)
- Solano County Older and Disabled Adult Services (ODAS)
- Meals on Wheels
- Solano Senior Coalition



Questions

Debbie McQuilkin

Senior Mobility Program Coordinator

dmcquilkin@sta.ca.gov

707-399-3231

Lorene Garrett

Program Coordinator II/Employer Commuter

lgarrett@sta.ca.gov

707-399-3218





HISTORY OF TRANSIT IN SOLANO COUNTY

Daryl Halls, Executive Director

July 12, 2023

EVOLUTION OF SOLANO COUNTY INTERCITY TRANSIT SERVICES

- 1995 – Management of Intercity Paratransit Services (Solano Paratransit) transferred to STA from County of Solano
- 1996 – Route 40 to BART initiated on I-80/680 by Fairfield/Suisun Transit
- 1997 – Management of Route 30 service transferred to STA and contracted with Yolobus
- 1997 - Solanolinks Intercity Transit Consortium formed and Intercity Marketing initiated
- 1998 – Expanded Baylink Ferry Service & bus feeder services by Vallejo Baylink Ferry (Rt. 92 and Rt. 100)



TRANSIT HISTORY TIMELINE

2000 -Solano Napa Commuter Information (SNCI) program transferred to STA from County of Solano
-STA transfers Route 30 contract from Yolobus to Fairfield/Suisun Transit



2002 -Route 92 (Vacaville) and Route 100 Ferry Feeder Service from Sacramento cut by Vallejo Transit

2003 -Route 30 service extended to Sacramento by FAST, STA and Funding Partners

2004 -First Senior and Disabled Transit Plan Developed
-First I-80/I-680/I-780 Transit Corridor Study
-First Community-Based Transportation Plan for Dixon Completed



TRANSIT HISTORY TIMELINE

2005

- Transit Element of CTP recommended the following tasks:
 - Creation of Funding Agreement(s) among STA and transit operators for Intercity Transit Service
 - SR-12 Transit Study
 - Develop Intercity Transit Marketing Plan
 - Transit Consolidation Study
- Following voters approval of RM2, RM2 funded services initiated - Route 92 and additional service on Vallejo Transit Route 80, 85, 90, 91
- STA Board Retreat - Board Directed STA staff to initiate a comprehensive evaluation and consolidation study of Solano County's six transit operators.



TRANSIT HISTORY TIMELINE

2006

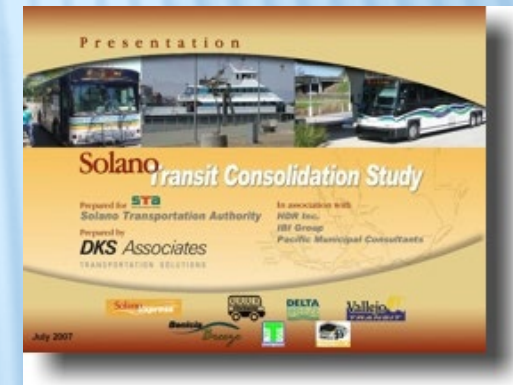
- First Coordinated Funding Agreement for Intercity SolanoExpress Services Developed
- Countywide Intercity Service Changes Coordinated on Countywide Basis
- Coordinated Fare Changes
- Initiated New Marketing Plan (SolanoExpress)
- Route 90 operations transferred from Vallejo to Fairfield with STA taking lead role for funding and services changes
- Start of New Route 78 operated by Vallejo with STA taking lead role for funding and services changes
- Coordinated RM2/STAF 2-year funding strategy
- Coordinated TDA matrix per MTC
- First Ridership Study for Local and Intercity Routes
- Elimination of Route 91 and 92 due to poor ridership performance
- Board allocated over \$350,000 in Lifeline Funding to transit



TRANSIT HISTORY TIMELINE

2007

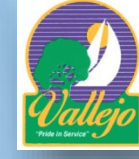
- Countywide Transit Assessment Study - Project focused on cost and revenue validation of data used by operators in Intercity Transit Cost Allocation Model
- Solano Transit Consolidation Study Phase I Begun
 - Began Extensive Input Process
 - Identification of Seven Options
 - Establishment of Transit Consolidation Steering Committee



TRANSIT HISTORY TIMELINE

2008

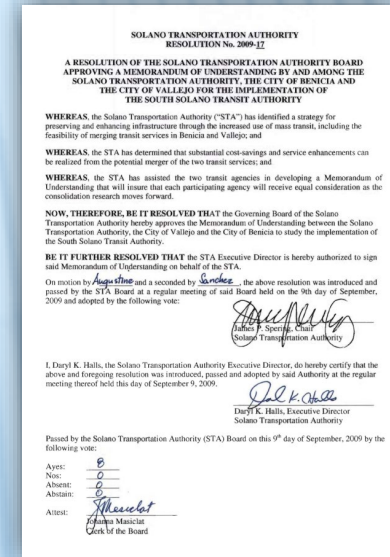
- SolanoExpress Marketing Plan focus on five RM2 funded routes and Route 30
- Second Community-Based Transportation Plan – Vallejo
- Third Community-Based Transportation Plan – Cordelia/Fairfield/Suisun
- Transit Consolidation Study Phase II: Analysis of Operators and Seven Options
- STA Board allocated over \$2 million Lifeline Funding for Transit Projects



TRANSIT HISTORY TIMELINE

2009

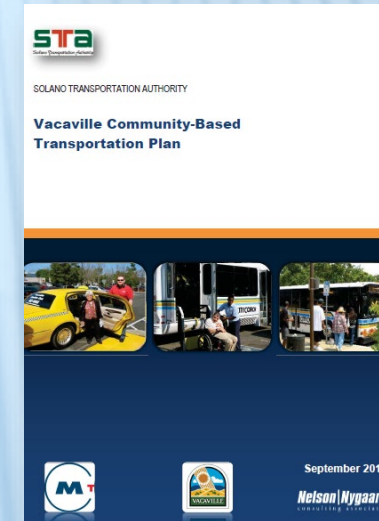
- Transit Consolidation Study - Phase 2 Analysis and Recommendations
 - Option 1: Consolidation of Benicia and Vallejo transit services;
 - Option 4c: Decentralize intercity paratransit service to local transit operators and continue study of consolidation of interregional Solano transit services under one operator to be selected by the STA Board;
- Initial Transit Capital Investment Plan Developed
- State cut STAF Funding for one year
- Solano Paratransit dissolved by the request of City of Fairfield
- Senior and Disabled Transportation Summit I and Summit II held
- Adopted Guiding Principles for Consolidation of Benicia Breeze and Vallejo Transit
- Approval of Memorandum of Understanding (MOU) between the Cities of Benicia and Vallejo and STA to guide development of a Joint Powers Agreement (JPA) for South Solano Transit Services (later named Solano County Transit)
- Second Intercity Ridership Survey conducted



TRANSIT HISTORY TIMELINE

2010

- Fourth Community-Based Transportation Plan – Vacaville
- SolTrans Transitional Plan Developed by STA
- First Advisory Committee Meeting for Solano Seniors and People with Disabilities Transportation Advisory Committee held
- The Solano County Transit (SolTrans) Joint Powers Agreement was approved by the member agencies: City of Benicia, City of Vallejo, and the Solano Transportation Authority to consolidate Benicia and Vallejo transit services.
- The first SolTrans Board meeting was held in December 2010.



TRANSIT HISTORY TIMELINE

2011

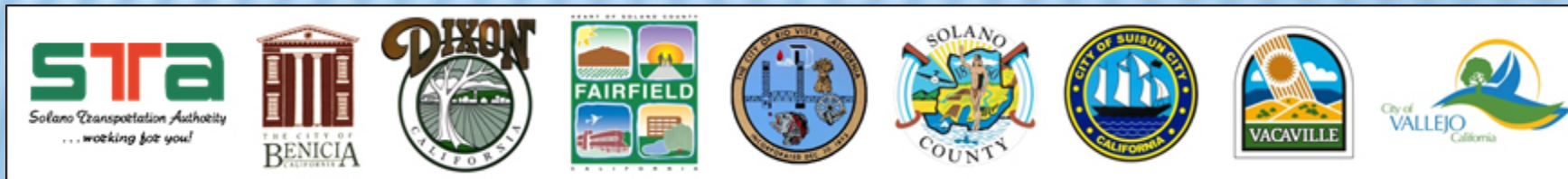
- STA Board approved Proposition 1B funding for Intercity Bus Replacement
- Second Solano Transportation Plan for Seniors and People with Disabilities Developed by STA
- Recommendations that derived from STA workshop and approved by the Board directed staff to conduct the following plans/studies:
 - Mobility for Seniors and People with Disabilities
 - Opportunities for Public Private Partnerships
 - Development of Long-Range Transit Sustainability
 - Implementation of Sustainable Communities Strategy – Alternative Fuels Strategy & Transit Infrastructure
- SolTrans began operating transit service for Benicia and Vallejo on July 1, 2011



TRANSIT HISTORY TIMELINE

2012

- Transit Center- Vallejo Station-Phase A constructed
- Regional Traffic Impact Fee (RTIF) Study initiated, which include 5% for regional transit
- Comprehensive Transportation Plan Update initiated including Transit Element Update
- Financial assessment of Solano County transit operators completed by STA
- Updated Transit Ridership Survey.
- Solano Coordinated Short Range Transit Plans updated
- Fifth Community Based Transportation Plan - Fairfield East
- Public Private Partnership Study of I-80 Transit Centers completed by STA
- Alternative Fuels and Infrastructure Plan
- Capitol Corridor Track Improvements completed, partially funded by STA



TRANSIT HISTORY TIMELINE

2013

- Countywide Transit Consolidation Study Follow-Up:
 - Transit Sustainability Study - Completed
 - Countywide SRTPs - Completed
 - Transit Coordination Plan - Completed
- Lifeline Program
 - Monitoring Lifeline Projects
 - Operating – SolTrans Route 1, 85 and span of service; FAST Route 30 Saturday Service
 - Capital – Vacaville curb cuts, FAST 10 local buses, SolTrans and Fairfield bus shelters
- Updated Mobility Brochure for Seniors and People with Disabilities



TRANSIT HISTORY TIMELINE

2013 Continued

- Solano Express Capital Bus Replacement Plan
- Developed Mobility Management Plan for Older Adults and People with Disabilities Adopted by the STA Board
- Countywide In Person ADA Eligibility Program Initiated (July 2013)
- Design and implement transportation information center at the Suisun City train station in partnership with the City of Suisun City (precursor to Solano Mobility Call Center)



TRANSIT HISTORY TIMELINE

2014

- Vacaville Transportation Ctr Phase 1 – Completed
- Solano Express Service Options – Completed
- Updated Solano Express Capital Plan
- Updated Mobility Guide for Seniors and People with Disabilities
- Solano Mobility Call Center established
- STA Received Consolidated Transportation Service Agency (CTSA) designation from MTC
- Transitioned Intercity Taxi Scrip Program from Solano County to STA
- SolanoExpress Funding Agreement updated
- STA and MTC completed RM2 Transit Operating Fund Coordination
- Solano Express Intercity Transit Marketing updated
- Intercity Ridership Study updated
- STA developed and monitored Funding Plan for SolanoExpress Routes 20, 30, 40, 78, 80, 85, 90



TRANSIT HISTORY

2015

- Updated Solano Express Capital Plan
- Rio Vista Transit Service Outreach and Analysis Conducted by STA
- Countywide Short Range Transit Plans Updated
- I-80/I-680/I-780/SR12 Transit Corridor Study Update
- Programmed JARC Operating for FAST Route 20, 30, FAST Local Taxi Scrip, and Funded SolTrans Route 2.
- Programmed Prop 1B Capital for SolTrans (3) Replacement buses and Dixon Read-Ride (1) replacement bus
- Solano Community College (SCC) coordinated with STA to initiate an effort to assess an increase in their student fees to provide a reduced-fare transit pass for students
- STA assumed management of the Rio Vista Delta Breeze through a contract with the City of Rio Vista



TRANSIT HISTORY TIMELINE

2015 Continued

- 5311 funds were programmed by STA for FY 2016-17 and FY 2017-18
 - Operating funds were programmed for Dixon, FAST Rt. 30, Rio Vista and SolTrans Rt. 85
- STA SolanoExpress Coordination
 - Funding Agreement Updated
 - Intercity Ridership Study Updated
 - SolanoExpress multi-year funding plan updated for Route 20, 30, 40, 78, 80, 85, 90
 - Intercity Bus Capital Replacement updated



TRANSIT HISTORY TIMELINE

2016

- Updated the Solano Express Performance Benchmarks
- Added Go Go Grandparents Program to the Solano Mobility Program
- Added non-ambulatory service to Intercity Taxi Scrip Program



TRANSIT HISTORY TIMELINE

2017

- Suisun Amtrak Station Upgrade completed
- Phase I completed for Curtola/Lemon Transit Center
- Completed Phase II of the Intercity Transit Corridor Study (Solano Express)
- Lyft First/Last Mile Pilot Program implemented at Suisun City Amtrak Station with STA and Lyft



TRANSIT HISTORY TIMELINE

2018

- STA completed Comprehensive Transportation Plan Update, including transit update
- Construction of Benicia Industrial Public Transit Facility (Benicia Bus Hub) completed by Benicia and STA with funding provided by STA through RM2, which links to the Blue Line
- Fairfield/Vacaville (Hannigan) Station construction completed by Fairfield, with funding provided by STA, and CCJPA service initiated
- Finalized the Intercity Transit Corridor Study (Solano Express)
- SCC and STA initiated the College Fee program for SCC students with three transit agencies (FAST, Soltrans, and Vacaville City Coach)
- STA transitioned vanpool program to contract with Enterprise
- Consolidated Fare Structure approved by STA Board for Solano Express



TRANSIT HISTORY TIMELINE

2019

- STA funded construction of two community college bus stops (Fairfield and Vacaville)
- Executed Funding Agreement with Fairfield for TIRCP for I-80 FTC Gateway Project
- MTC completed SR 37 Transportation and Sea Level Rise Corridor Improvement Plan (prelude to SR 37 Corridor Plans that include VMT Reductions/Transit Services)
- STA completed Water Transit Study and Transit Behavior Study
- STA expanded First/Last Mile Program to Benicia and Vallejo per request from Soltrans



TRANSIT HISTORY TIMELINE

2020

- STA funded and completed construction of York Street bus facility expansion for SolTrans' Vallejo Transit Center, in partnership with Vallejo
- Completed Solano Parking Demand/Mode Shift Transition Plan
- Updated Solano Express Intercity Transit Marketing Plan
- Completed First Full Year of College Student Fee program for SCC students riding transit
- STA in coordination with transit operators completed 5 Short Range Transit Plans with 5 Transit Operators and 4 Working Papers
 - Connection to Regional Transit
 - Access to Medical Facilities
 - Connection to Priority Development Areas (PDA's) and Priority Production Areas (PPA's)
- STA completed the update to the Vallejo Community Based Transportation Plan (CBTP), in coordination with the City of Vallejo and Soltrans, and allocated \$400,000 to the City of Vallejo and Soltrans to implement specific project recommendations contained in the study
- STA worked with MTC and Transit Operators to Program Federal Cares ACT 1 for Solano Transit Operators in the amount of \$5,507,074



TRANSIT HISTORY TIMELINE

2021

- Solano Community College (SCC) students extended the SCC transit fee for 10 years, which provides SCC students to ride free on all Solano Express routes, within Solano County, as well as FAST, SolTrans, and Vacaville City Coach local transit.
- STA identified SolanoExpress and Traffic Demand Management (TDM) Capital Improvements (precursor to MTC's Blue Ribbon Recommendations for Transit Priority Projects)
 - SolanoExpress Bus Stops/Ped Improvements
 - Countywide Parking Study
 - System Capital Improvements
 - I-80 Ramp Metering
 - SolanoExpress/BRT Analysis and Transit Plan
 - Transit Signal Prioritization (TSP)
 - SolanoExpress Electrification
- STA supported SMART's Rail Feasibility Study in January 2021 for rail service west from Suisun City to Napa, Sonoma and Marin Counties (resulted in Solano Rail Hub being adopted by the STA Board in 2022)
- STA worked with transit operators and MTC to program Coronavirus Response and Relief ACT (CRRSSA) to Solano Operators in the amount of \$3,302,354 (funding split between local service and SolanoExpress service)
- STA worked with transit operators and MTC to program Federal American Rescue Plan Act to Solano Transit Operators in the amount of \$10,800,000 (funding split between local service and SolanoExpress service)



TRANSIT HISTORY TIMELINE

2022

- Solano County Connected Mobility Implementation Plan initiated by STA
 - Community engagement in all 7 cities within Solano County resulting in over 600 public responses
 - Program performance benchmarks updated
 - Market Assessment completed
 - Initial Assessment of transit service on SR-37 completed in partnership with Caltrans, MTC, and the four North Bay CTAs
- Solano County Ridership Survey completed for all Solano Express Routes
- Solano Express operating and capitol budget for FY 2022-23 completed and approved by the STA Board
- Solano Express
 - Through STA Board action, the blue line and green line were transferred from FAST to SolTrans
 - STA helped fund equipment transition costs for FAST and SolTrans
- Soltrans constructed inductive charger at Curtola Park and Ride
- 100% compliance by all transit operators with the Bay Area Healthy Transit Plan created by MTC's Blue Ribbon Transit Recovery Task Force
- Community Based Transportation Plan (CBTP) completed for Suisun City (resulting in new Suisun City Microtransit Service)
- STA coordinated 5311 funding between Dixon Read-Ride and Rio Vista Delta Breeze

TRANSIT HISTORY TIMELINE

2022 Continued

- Implemented Suisun City Local Taxi Card Program per direction of Suisun City Council and the STA Board effective January 2022.
- Completed the design phase for the upgrade to the SR 37/Fairgrounds Interchange and obtained a commitment of \$15 million of Regional Measure 3 funds from MTC for the construction phase
- Secured additional state funding for the SR 29 Sonoma Blvd. Complete Streets implementation
- Construction began on the I-80 Managed Lanes project
- STA assumed management of Suisun Microtransit Services through a contract with Suisun City



TRANSIT HISTORY TIMELINE

2023

- New Suisun Microtransit Service launched in January 3, 2023.
- MTC provided \$1.8 million in FY 2022-23 RM3 Funds for Solano Express to be claimed by Soltrans
- STA and Suisun City co-host groundbreaking for Suisun Mobility Hub
- STA initiate CTP Update including Transit Element Update



Questions?

Committee Member Round Table

Future Topics

Upcoming October 11, 2023 Transit Meeting Meeting:

- Overview of Transit System Part II – Bus Operators
- Connected Mobility Implementation Plan/MTC Blue Ribbon Transit Recovery Task Force 6 Functional Areas
- Local Priority Transit Element Projects and Programs