

Oath

I _____ , do solemnly swear (or affirm) that I will support and defend the Constitution of the United States and the Constitution of the State of California against all enemies, foreign and domestic; that I will bear true faith and allegiance to the Constitution of the United States and the Constitution of the State of California; that I take this obligation freely, without any mental reservation or purpose of evasion; and that I will well and faithfully discharge the duties upon which I am about to enter.

Yolo Transportation District Board of Directors

Meeting Date: Monday, January 9, 2023
Meeting Time: 7:00PM

Item : Consent Calendar



- Approve Agenda for January 9, 2023
- Resolution approving continuation of hybrid meetings
- Approve YCTD Board Minutes for Regular Meeting of December 12, 2022
- Approve Update to Public Transportation Agency Safety Plan
- Approve update to Title 6 Policy

Item 4: Administrative Reports



- Board Members' Reports
- Transdev's Report
- 80 Managed Lanes Report
- Executive Director's Report
- Long-range calendar

Long Range Calendar Items February and March 2023

- **February 2023**

- 10-Year Strategic Planning Workshop
- Approve Woodland Microtransit service plan and fixed-route service changes
- FY 22-23 2nd Quarter financial Status Report
- Report on FY 21-22 Year-end Close and Financial Statements/Audit results
- Review potential changes to YCTD Citizen Advisory Committee
- Citizen Advisory Committee Appointments

- **March 2023**

- Status report on Route 42 service changes, including impacts to South Davis
- 10-Year Strategic Planning Workshop
- Discuss Draft Zero Emission Bus Rollout Plan



Yolo 80 Managed Lanes

Update, Grant Application, and Ad Hoc Committee

Outline

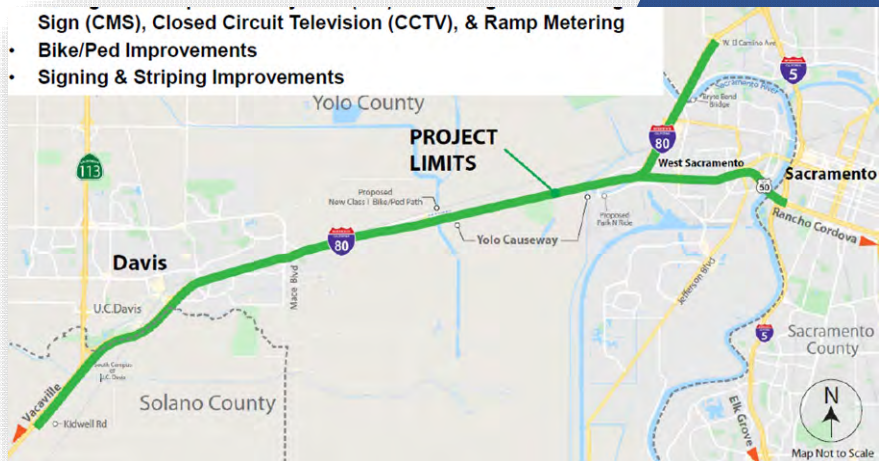


- Slide 1: Overview**
- Slide 2: History**
- Slide 3: Project Snapshot**
- Slides 4-8: Tolling Advance Planning**
- Slide 9: SACOG Funding**
- Slide 10: Ad Hoc Committee**
- Slide 11: Recommendations**

Overview



- **Description:** 17-mile tolled managed lane on I-80 between Kidwell Rd and
 - W. El Camino Ave (I-80)
 - I-5 Interchange (US-50)
- **Purpose:** Ease congestion, improve transit and active transportation access



History



Summer 2021:

\$86m INFRA award

November 2021:

Establish ad hoc committee

December 2021:

Adopt project goals

January 2022:

Managed lanes workshop

Oct 2022:

Agreement with Caltrans
re: tolling

July-Oct 2022:

Procure tolling expert

Nov. 2022-Present:

Internal workplanning

Project Snapshot



Cost/ Funding

Total Project Cost
Committed Funding

Amount

\$208M + Mitigation
\$94M (\$86M INFRA, \$8M
SACOG)
\$103M (uncommitted)
\$12M (uncommitted)
\$2M
\$10M

Phase

Environmental (PA&ED)
Right of Way (ROW)
Design Complete (PS&E)
Construction Start (CON)
Construction End (CON)

Date

Winter 2023
Spring 2025
Spring 2025
Summer 2025
Fall 2027

Tolling Advance Planning



- **What:** Set of planning, economic, governance and design deliverables that are foundational for tolling.
- **Why:** Required for CTC tolling authority application and to effectively design and manage tolling.
- **Schedule:** ~12-18 months
- **Cost:** Up to \$2 million
- **Partners:** SACOG, Caltrans District 3, Sacramento, Placer and El Dorado Counties

Tolling Advance Planning

Tolling 101: An Overview

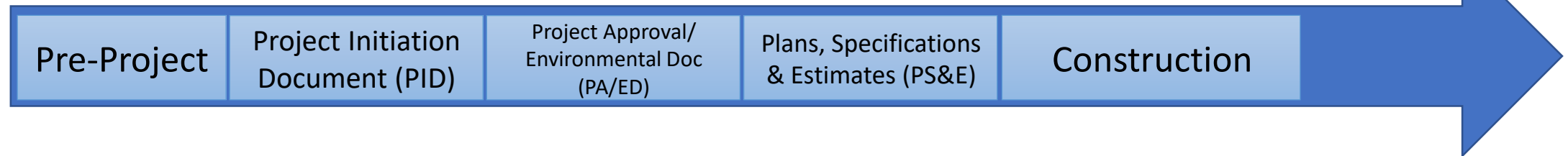
January 9, 2023



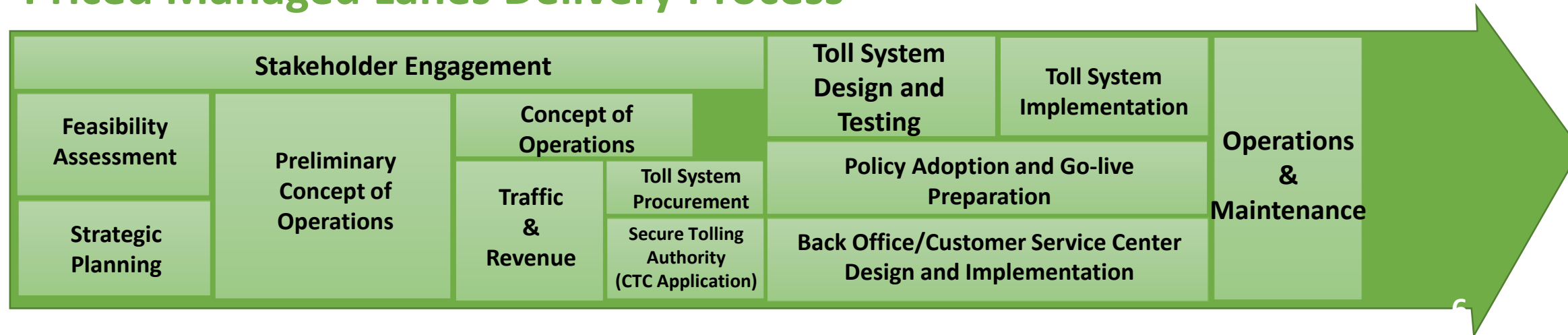
Tolling Advance Planning

Toll System Delivery

Typical Highway Delivery Process



Priced Managed Lanes Delivery Process



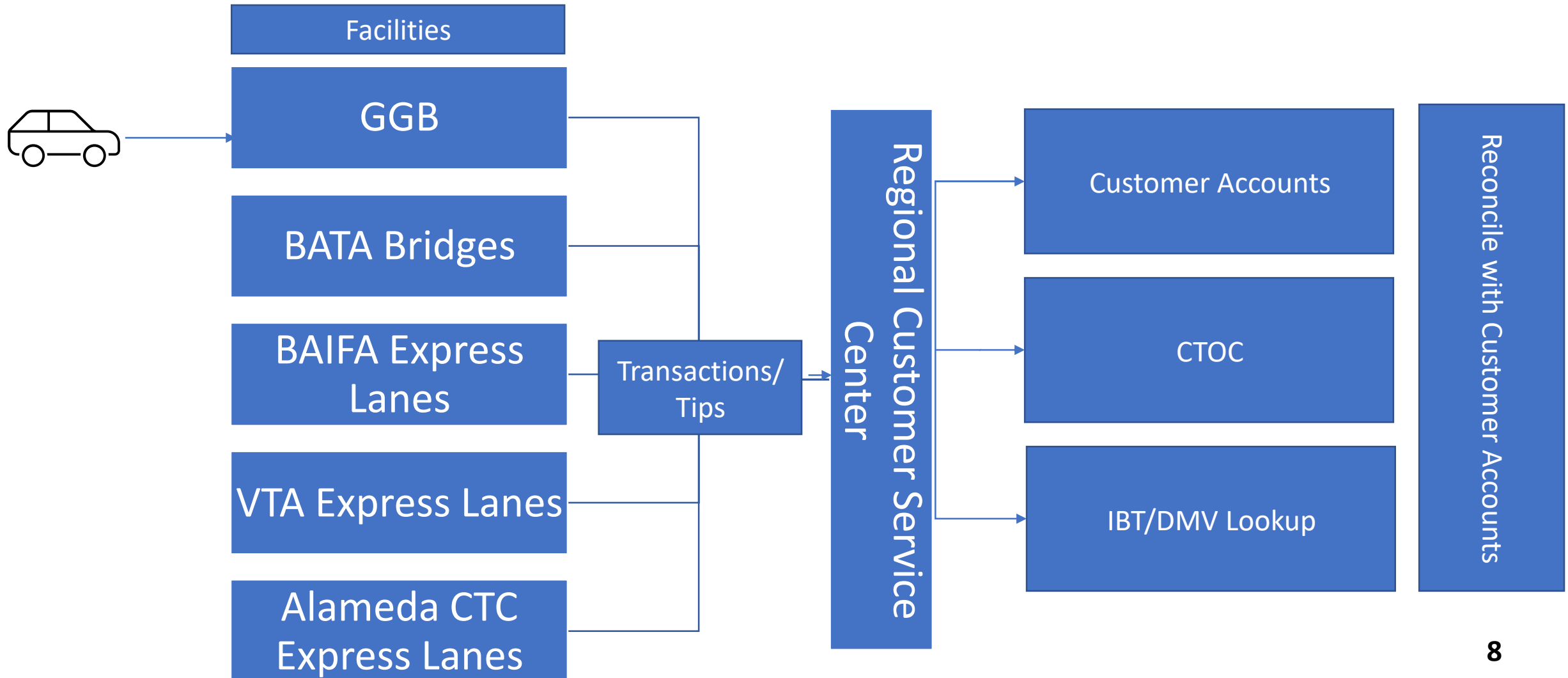
Key Policy & Design Decisions that Affect Traffic and Revenue

Tolling Advance Planning

Decision	I-80 Considerations
Hours of Operation	I-80 experiences congestion outside of traditional weekday peak periods and high recreation travel on weekends
Occupancy	Recreational traffic tends to have higher vehicle occupancy. Trend towards higher occupancy requirements
Toll discounts, exemptions, surcharges	Discounts for clean air vehicles? What about Equity programs? 2-Axle Commercial Trucks?
Access	Continuous access vs. restricted access. Buffer Separated?
Toll zones/segments	How is the corridor divided into toll zones?
Toll rates/payment	What assumptions were used for min/max rates? Any assumptions about surcharge for license plate transaction?

Bay Area Tolling Architecture

Tolling Advance Planning



SACOG Funding



- Project needs ~ \$1.5-\$2 million funding for Tolling Advance Planning (TAP)
- SACOG Regional Funding cycle open now
- Caltrans submitting for ~\$10 million for capital gap funding
- YoloTD to co-apply with Caltrans as independent implementing agency for TAP work.

Ad Hoc Committees



- **Yolo 80 Managed Lanes Committee** (existing): Has completed work to guide project through initial project scoping phase.
- **Yolo 80 Tolling advance Planning Committee** (TAPC, proposed):
 - Establishment of governing body
 - Level 1 T&R review, potential Level 2
 - Concept of Operations report
 - Tolling authority application

Recommendations



1. Approve resolution to submit up to \$2 million SACOG grant application
2. Ad Hoc Committees
 - a. Retire Yolo 80 Managed Lanes Committee
 - b. Establish Yolo 80 Tolling Advance Planning Committee (TAPC)

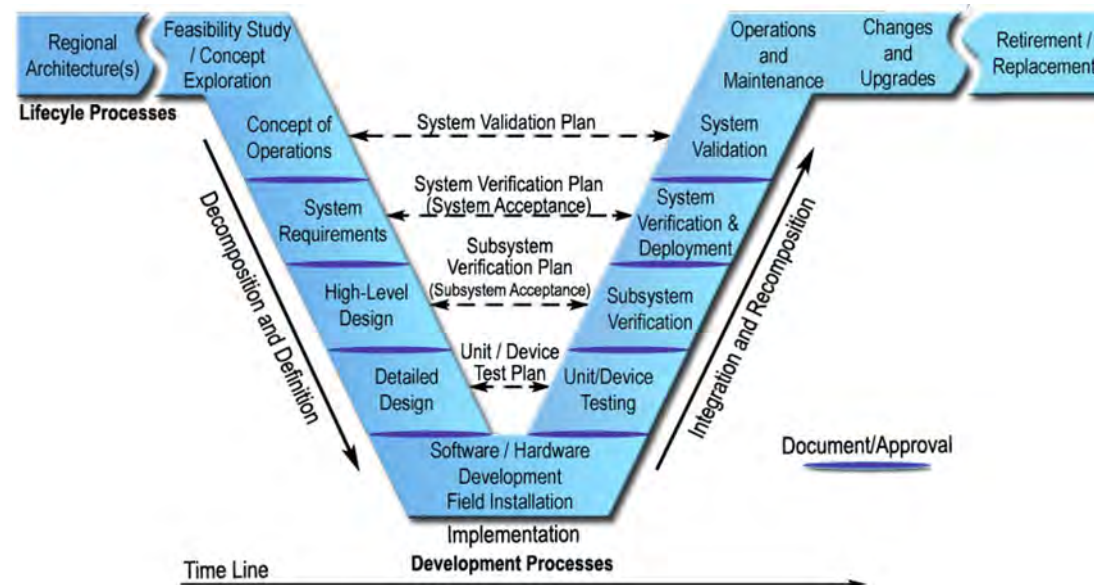
Discussion



Back Up Slides

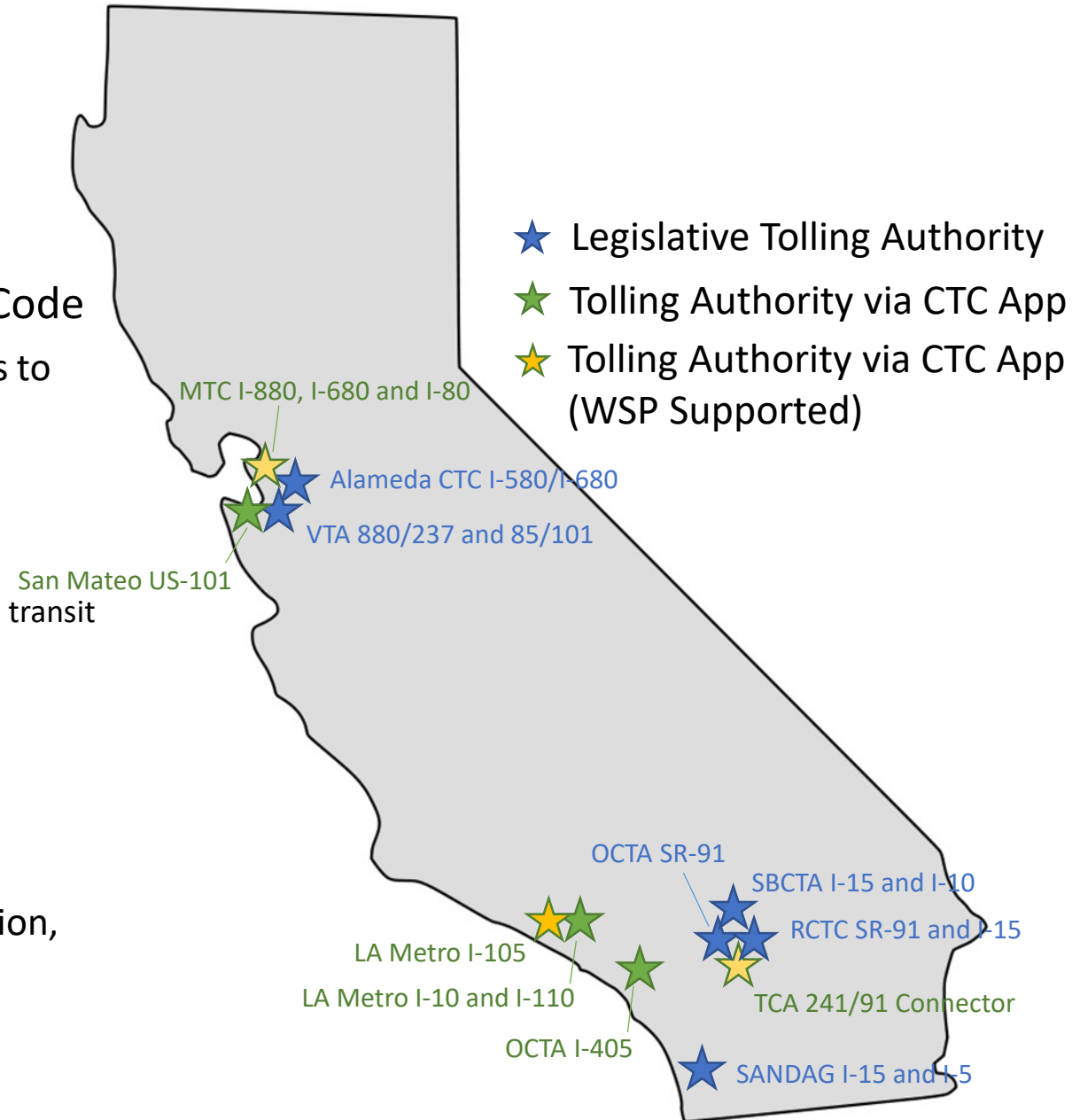
What is a Concept of Operations?

- Part of the Systems Engineering Process
 - Describes the operation of the system being developed and documents the user's requirements for system functionality in a readable fashion
 - Precedes Design Requirements and Business Rules



Tolling Authority

- Section 149.7 of California Streets and Highways Code
 - Permits regional transportation agencies and Caltrans to apply to CTC to develop and operate tolled facilities
- CTC Application
 - Minimum eligibility criteria:
 - Improve corridor performance, especially for carpools and transit vehicles
 - Project contained in Regional Transportation Plan
 - Evidence of cooperation with Caltrans
 - Completed PID
 - Demonstration of complete funding plan
 - Demonstration of technical feasibility (project definition, schedule, plan for operations and maintenance)

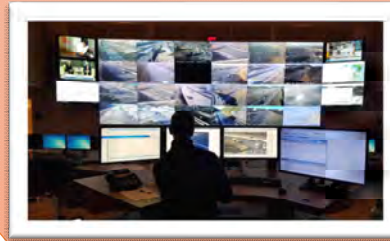


Tolling Elements

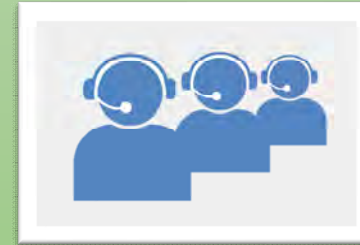
Toll System
Integration



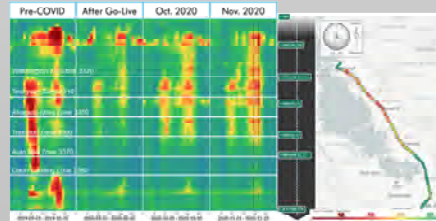
Traffic
Management



Customer Service
Center



Tolling Operations

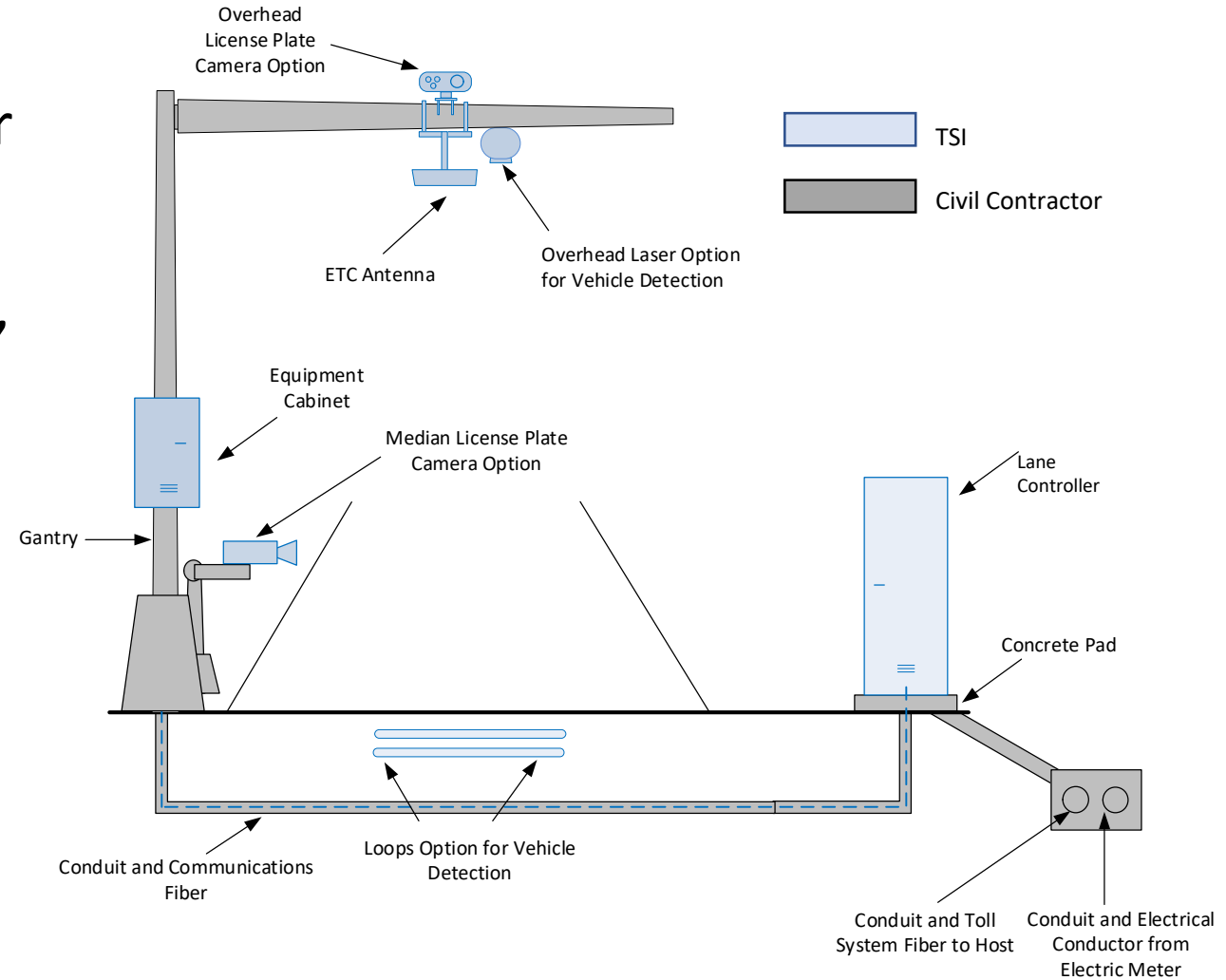


Governing Body



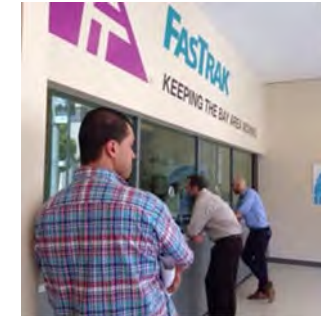
Toll System Integration

- Performed by Toll System Integrator (TSI)
- Typically procured via Design, Build, Operate and Maintain (DBOM) contracts
- Can include:
 - Roadside Customer Service Center
 - Traffic Management
- Often overseen by a Toll System Manager



Customer Service Center/Back Office

- Customer interaction
 - Call center
 - Walk-up facilities
 - Kiosks
- Account management
 - Toll tag distribution
 - Toll payment
 - Violations processing
- Can be a shared resource or facility specific
 - BATA and WSDOT have shared back offices
 - SoCal toll facilities have separate back offices

A "NOTICE OF TOLL EVASION" form from FasTrak. The form includes a table with columns for Violation Number, License Plate, Notice Date, Toll Amount, Toll Evasion Penalty, Total Amount Due, and Due Date. It also features a barcode, a "Violation Number" circled in green, and a photograph of a red car. At the bottom, there are sections for "FAST AND EASY WAYS TO PAY" with options for "PAY ONLINE" and "PAY BY PHONE".

NOTICE OF TOLL EVASION						
VIOLATION NUMBER	LICENSE PLATE	NOTICE DATE	TOLL AMOUNT	TOLL EVASION PENALTY	TOTAL AMOUNT DUE	DUE DATE
11234567890	ABC1234	11/12/2012	\$5.00	\$25.00	\$30.00	11/14/2012

Item 6: Selection of Vice Chair for the 2023 Calendar Year

Staff Recommendation:

Select the Vice-Chair for Calendar Year 2023.

Item 7 : Appointments to Capitol Corridor Joint Powers Authority Board of Directors

Staff Recommendation:

Appoint 2 Directors and an Alternate to serve on the Capitol Corridor Joint Powers Authority (CCJPA) Board of Directors.

Item 8: Consider Change to Time of Board Meeting

Staff Recommendation:

Discuss potentially changing the time of the Board meeting to earlier in the evening to support public participation and Board attendance as we transition back to in-person meetings.

Adjournment

UNLESS CHANGED BY THE YCTD BOARD, THE NEXT MEETING OF THE YOLO COUNTY TRANSPORTATION DISTRICT BOARD OF DIRECTORS WILL BE **February 13, 2023** AT 7:00 PM IN THE YCTD BOARD ROOM, 350 INDUSTRIAL WAY, WOODLAND, CA 95776 OR BY ZOOM IF RECOMMENDED FOR THE SAFETY OF THOSE INVOLVED.