



YOLO 80 MANAGED LANES ROADSIDE TOLL SYSTEM INTEGRATION & MAINTENANCE

PRE-RFP PRESENTATION

January 22, 2026





Disclosure

The information presented in these slides regarding the CARTA RFP for the Yolo 80 Managed Lanes Roadside Toll System (RTS) is intended for informational purposes only. Please note that the RFP is currently being finalized and all details, requirements, and processes described herein are subject to change or modification without prior notice. Attendees are encouraged to consult the official RFP documentation for the most current and authoritative information.

All official documentation related to this RFP will be posted on CARTA / SACOG procurement portal.

No live Q&A. Please submit your questions via email to:
contact@captollauthority.org

Deadline to submit questions: January 27, 2026, at 5 PM PST



Agenda

1. Introductions
2. Project Orientation
3. RFP Details
 - a. Procurement Timeline
 - b. RTS Scope of Work
 - c. Civil Coordination/Demarcation
 - d. Minimum Qualifications
 - e. Project Phasing
 - f. Contracting Considerations
 - g. Additional Information

Introductions

1. CARTA
2. Consultant Team



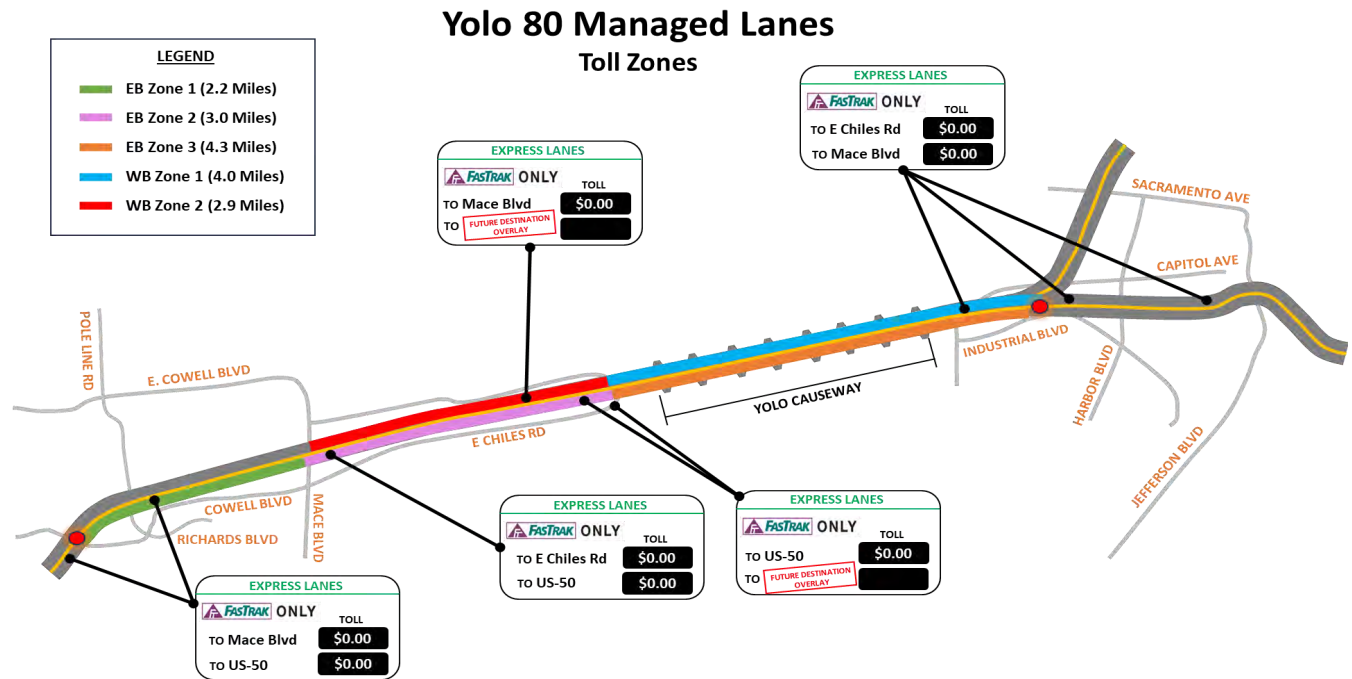
What is CARTA?

The Capital Area Regional Tolling Authority (CARTA) is a Joint Powers Authority (JPA) responsible for developing, operating, and maintaining express toll lanes in the Sacramento region. CARTA was created through a partnership between the Sacramento Area Council of Governments (SACOG), the Yolo Transportation District (YoloTD), and Caltrans District 3.

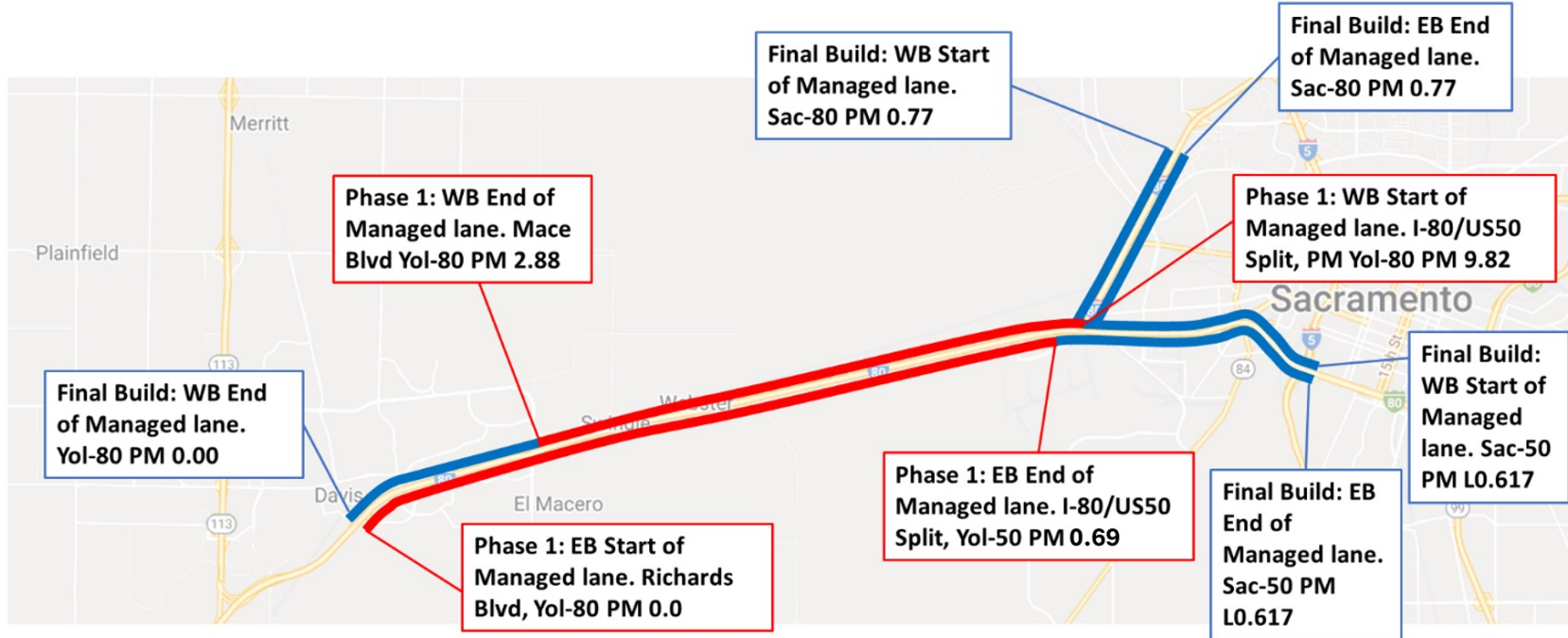


Project Orientation: Project Location

- Procuring a Roadside Toll System (RTS) for express lanes tolling on I-80 in Yolo County
- 1 lane in each direction, painted buffer separation, limited access
- ~17 lane miles conversion of HOV lane underway
- Single overhead gantry for reading FasTrak® switchable transponders with LP image capture



Project Orientation: Future Expansions

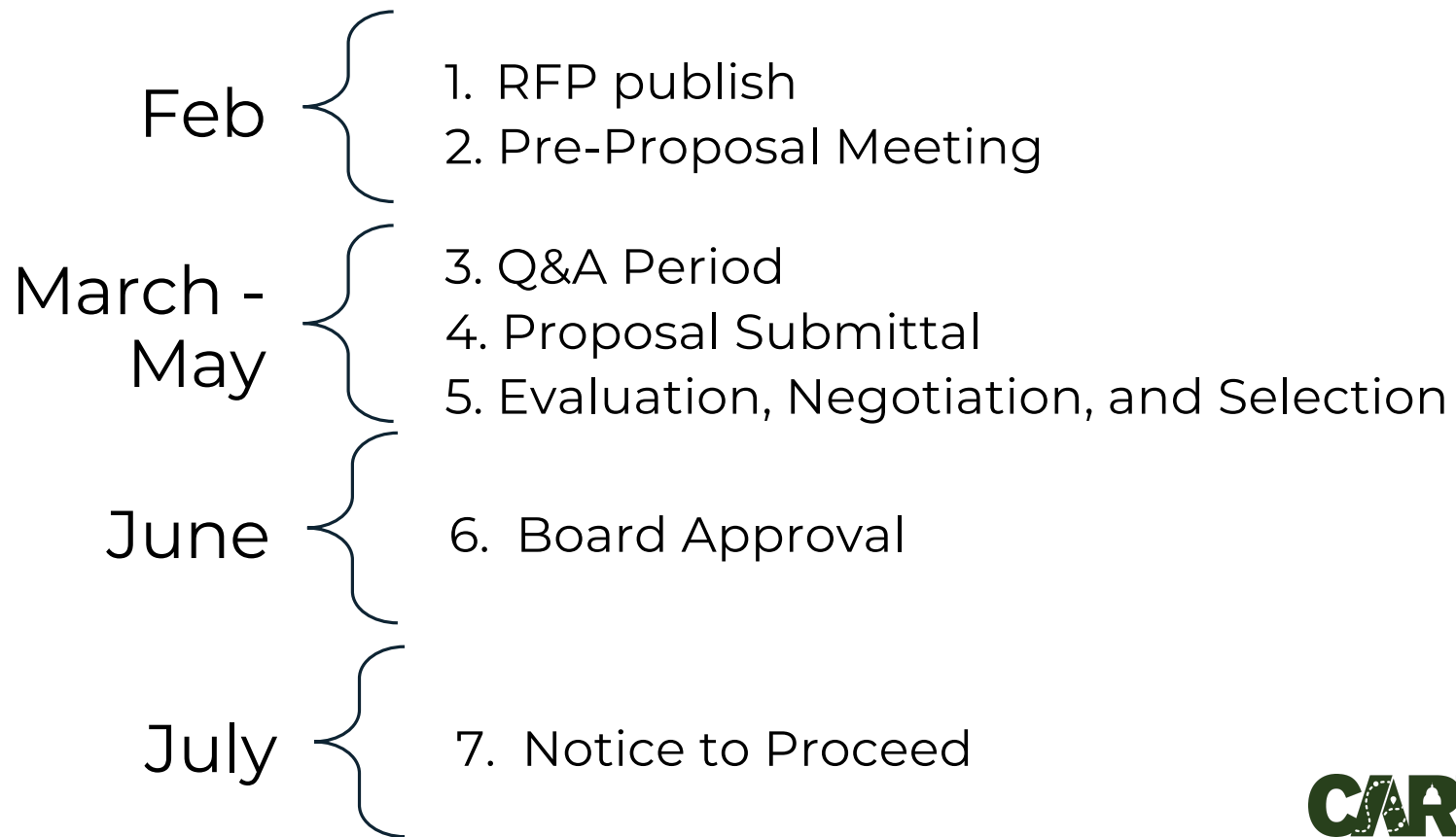


This RFP is for Phase 1 only.

CARTA desires a system that is flexible and scalable to allow for future expansions

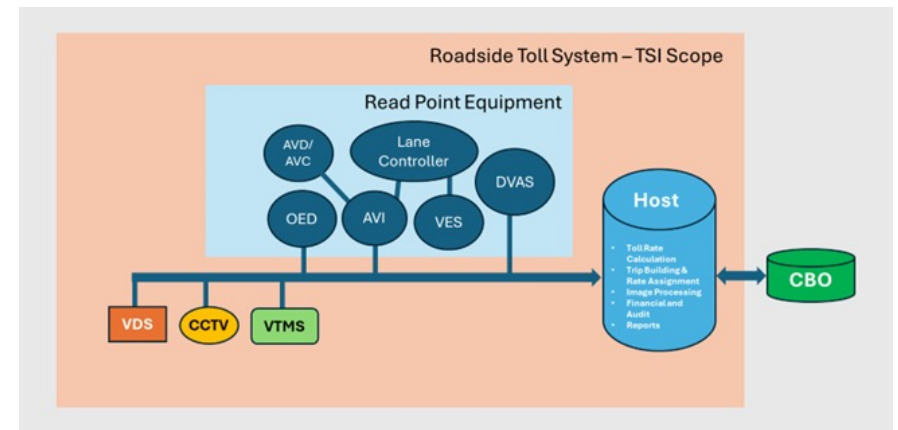


Procurement Timeline



RTS Scope of Work

- **Period of performance – 5 base years plus 5 options for 1 year O&M extensions**
- **Design, develop, testing, install, implement, and maintain/operate a Roadway Toll System (RTS)**
- **Key Express Lane Elements:**
 - Dynamic pricing and publishing to roadside Variable Toll Message Signs
 - Trip building to form trip transaction
 - Image processing/manual image review
 - Interfacing with CARTA's Commercial Back Office/CSC provider
 - Closed-Circuit Television (CCTV) traffic monitoring system and roadside data communications
 - RTS Host can be either offsite servers (Colo) and/or Cloud based solution
 - TMC workstations and video wall
 - Warranty and Operations / Maintenance Periods after toll commencement



Key RTS Numbers

- **Anticipated Initial Trip Transactions
~6.15M – First Year**
- **Roadside equipment: Read Points,
CCTV, Variable Toll Message Signs,
Vehicle Detection System**
- **Optional Scope**
 - Vehicle Occupancy Detection
 - Supplemental Causeway Equipment

Roadside Equipment	EB	WB	Optional Scope
Read Point (Single lane)	10	7	0
VTMS (Mainline)	4	3	0
VTMS (Ramp)	1	1	0
PTZ CCTV	8	3	2
VTMS CCTV (Fixed)	5	3	0
VDS	9	6	4
VOD	0	0	4

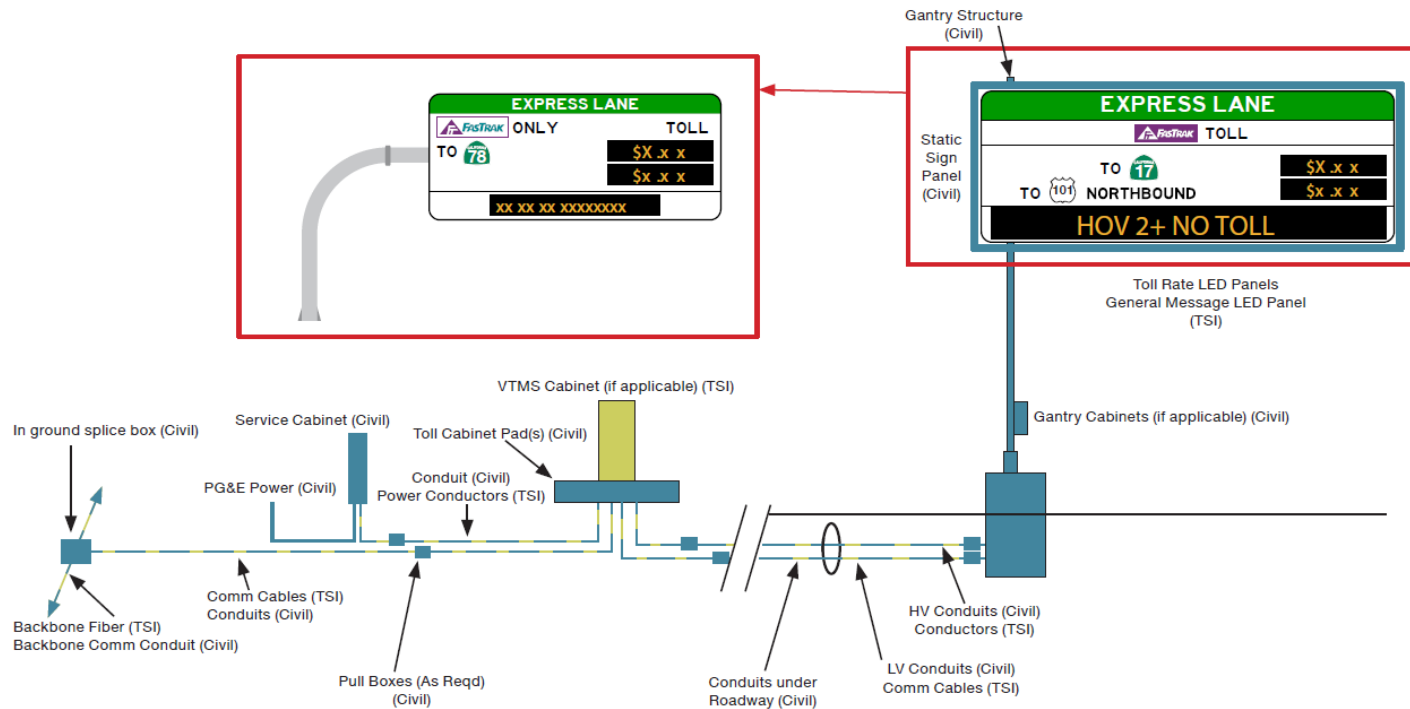


Civil Coordination

- **Caltrans (DeSilva Gates Construction) is delivering civil infrastructure elements**
 - **Civil infrastructure will be mostly complete by RTS Contract execution**
 - **This will require early deliverables:**
 - **Preliminary Design Documentation**
 - **Design Review / Site visit**
 - **Installation of VTMS LED panels onto static sign**
 - **Site turnover checklist**
- **Coordination with CARTA / Caltrans/ Civil Works Contractor**

Typical TSI – Civil Demarcation

TSI-Civil Demarcation - Typical VTMS Site



- Green Items – Toll System Integrator (TSI)
- Dark Blue Items – Civil Contract Responsibility

- Notes
1. Direction of traffic going away from page
 2. Drawing not to scale
 3. Roadside may be on either side of the roadway, to be determined during design
 4. Caltrans will be responsible for ordering the leased line. TSI will be responsible for installation and maintenance of leased line.



Minimum Qualifications

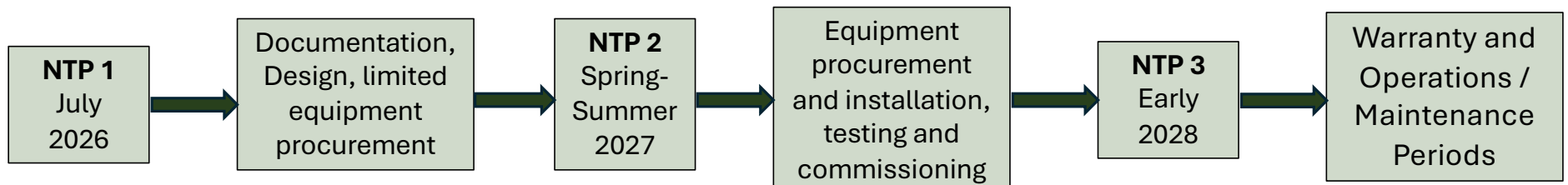
- **Registered in California**
- **Project experience with the following elements: ORT, toll system with trip building and dynamic pricing, and toll system maintenance in the past 5 years**
- **Firm with 5 years of tolling experience**
- **PM – 5 years of experience leading toll deployments**
- **Other key personnel 3 to 5 years of experience**



Project Phasing

- 1. Project Initiation and Planning**
- 2. Requirements Refining and Design**
- 3. Installation and Testing Readiness / FAT**
- 4. Installation, Implementation and Testing**
- 5. Warranty and Operations / Maintenance Periods**

Project NTPs



TSI Contractor Schedule

Civil Works Contractor
On-site (Nov. 2026)



Additional Information

Toll Policy - Please refer to Board Package 12/17/2025

<https://carta.ca.gov/2025-12-17-board-carta-board-meeting-wednesday-december-17-2025-at-10-00-a-m>

Project Website

<https://yolotd.org/planning-projects/freeway-roads/>



Questions

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Deadline to submit questions: January 27, 2026, at 5 PM PST

All Q&As will be posted on the CARTA's website by February 2, 2026

<https://carta.ca.gov/news-and-notice>



CARTA

Capital Area Regional Tolling Authority