

US-101 HOV Hours of Operation Update

October 23, 2025



Additional Corridor Mobility Improvement Strategies Implementation Timeline

Local Responsive Ramp Metering

Marin County

- 4 ramps in SB Direction (San Antonio/Rowland Blvd)
- 6 ramps in NB Direction (Spencer Ave/S.F Drake Blvd)

Sonoma County

- 5 Ramps in SB Direction (S. Petaluma Blvd/O. Redwood Hwy)
- 6 Ramps in NB Direction (S. Petaluma Blvd/O. Redwood Hwy) (2nd tier priority)

Activation-Ready Target: Late Jan 2026

Via Main. Workorder, Emergency Contract, Ongoing project



Ongoing Monitoring Plan & Planned Data Collection

PeMS

- Lane-by-lane speed and traffic flow (volume, lane utilization)

INRIX

- Average speed, travel time, congestion duration, queue length, bottlenecks

Traffic Cameras

- Real time verification/monitoring

Manual Field Data Collection

- Occupancy, volume, Tach run(travel time)
- Based line data collection was done in May 2025
- CT staff conducted occupancy count on 10/15/25
- Target for the consultant field data collection late Oct/early Nov



Proposed Evaluation Criteria

- Person Throughput
- Travel Time/Reliability for HOV Users
- Travel Time/Reliability for Transit that uses HOV
- Duration of Congestion
- GP Travel Time/Reliability
- Length of Queue at Bottleneck
- Diversions on Local Arterials
- Diversions on cut through traffic
- Increased SMART rail ridership