



FACT SHEET

I-5 MANAGED LANES PROJECTS

COST RANGE

\$200,000,000 - \$500,000,000



PROJECT DESCRIPTION AND LOCATION

The I-5 Managed Lanes Project proposes to construct managed lanes on both directions on Interstate 5 (I-5) in Sacramento County from the I-5 and US 50 Interchange to the Sacramento River Bridge and the Sacramento-Yolo County line. The purpose of the project is to reduce congestion, increase the number of people traveling through the area, provide multimodal access, promote ride sharing, improve mobility and improve traffic operations through added Intelligent Transportation System (ITS) infrastructure. The proposed project has evaluated nine managed lane options to accomplish the purpose of the project.

PURPOSE AND NEED

Purpose:

- Ease congestion and improve overall person throughput¹.
- Improve freeway operation on the mainline, ramps, and system interchanges.
- Support reliable transport of goods and services throughout the region.
- Improve modality² and traveler reliability.
- Provide expected traveler information and monitoring systems.

Need:

- Recurring congestion during the AM and PM peak periods exceeds current design capacity limiting person throughput.
- Operational inefficiencies lead to the formation of bottlenecks due to short weaving and merging areas as well as lane drops.
- Currently inefficient movement of goods and services impedes regional and interstate economic sustainability.
- The corridor users rely heavily on single occupancy vehicles, with limited multi-modal options such as transit, carpool, bicycle, pedestrian uses resulting in unreliable travel times.
- Lack of real time traveler information and coordinated traffic communication systems impedes timely response to roadway incidents resulting in secondary collisions and congestion.

Benefits:

- **Improve Safety:** The additional lane will create a safety benefit by reducing collisions that occurred in the interior lanes.
- **Bike/Ped:** Bike pedestrian trail enhancement under San Juan Road UC/I-5 to close bike trail gap.
- **Transit Connectivity:** Increase transit connectivity by providing 34-lane miles of seamless managed lane network for commuters and transit signal priority devices to manage VMT (Vehicle Miles Traveled).
- **Travel Time Reliability:** Increase speed of traffic during traffic congestion by improving merge/weave traffic movements and reduced bottleneck impacts.
- **CO, NOx, and VOC:** Decrease emissions over a 20- year life cycle with the construction of the larger I-5 Managed Lanes Project.

¹Throughput is the number of people moving efficiently through a region.

²Modality is the variety in modes of transportation. This includes access and multiple options for the movement of people and goods. Examples include access to transit, carpool, bicycle, and pedestrian facilities.



Sac5ManagedLanesProject@dot.ca.gov



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