TPF-5(322) - High Occupancy Vehicle (HOV) / Managed Use Lane (MUL)

Research study to identify HOV issues common to all participants of this pooled fund study and identify recommendations and potential solutions.

WHAT IS THE NEED?

Traffic congestion is a big problem which degrades the effectiveness of High Occupancy Vehicle (HOV) lanes/Managed Use Lane (MUL). Research is needed in order to identify key issues and challenges that are common among public agencies that are responsible for managing and operating HOV facilities and to have researchers identify recommendations and potential solutions to these issues in order to improve the effectiveness of the HOV lanes.

WHAT ARE WE DOING?

This pooled fund study serves as a forum so that all participants interact, share information and successful practices with a broader audience to advance and improve upon the current state-of-the-practice related to the management, operation, and performance of HOV/MUL facilities. All participants of this pooled fund research, including Caltrans, have been identifying key issues that need to be addressed and analyzed in order to research potential solutions.

WHAT IS OUR GOAL?

The goal is to improve the performance/effectiveness of the HOV/MUL lanes by participating in this research study to identify issues common among HOV systems managers, operators, and service providers, suggest approaches to addressing identified issues, select and initiate projects intended to address identified issues, and identify recommendations and potential solutions.
WHAT IS THE BENEFIT?

The Department can potentially benefit from the outcome of this research by implementing the resulting recommendations and potential solution from this pooled fund study. The public may benefit from the implementation of the results of this research which have the potential to improve performance/effectiveness of the HOV/MUL lanes.

WHAT IS THE PROGRESS TO DATE?

1. Since this is a follow up to a previous pooled fund study, all of the projects originated under the old project number now completed. Efforts are currently underway to close out the old account and transfer funds to this new account number.
2. The USDOT Volpe Center delivered and distributed the annual meeting report in November 2020.
3. Related to the Managed Lane Enforcement Project:
   a. The USDOT Volpe Center delivered a draft version of the enforcement project scope of work (SOW).
   b. The USDOT Volpe Center produced a second draft of the Transportation Demand Management (TDM) Strategies for Managed Lanes project SOW.
4. Related to Synthesis of Best Practices for Developing Public Information to Advance Priced Managed Lane Facilities Project:
   a. IFC delivered a Synthesis Report and distributed to the study members.

Significant Results:
There have been twenty-eight (28) research efforts funded by this group that have helped advance the use of HOV and MUL projects throughout this country.

Websites:
https://www.pooledfund.org/Details/Study/571