



# 91 Express Lanes

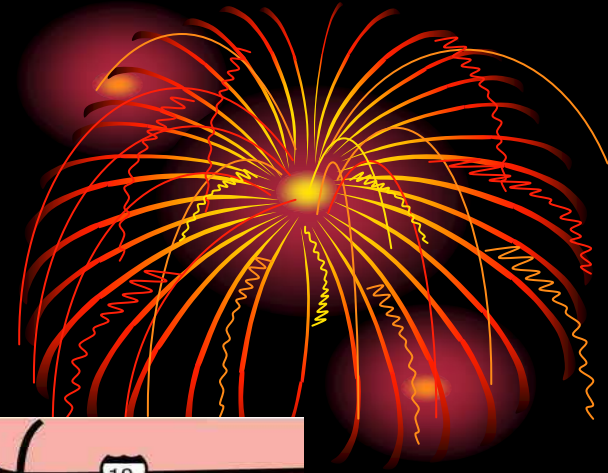
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# Infrastructure

- Location: Orange County, California
- 10 mile HOT road / full toll way
- Consists 4 lanes total
- Toll road authorized in 1989



# Infrastructure

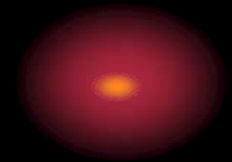
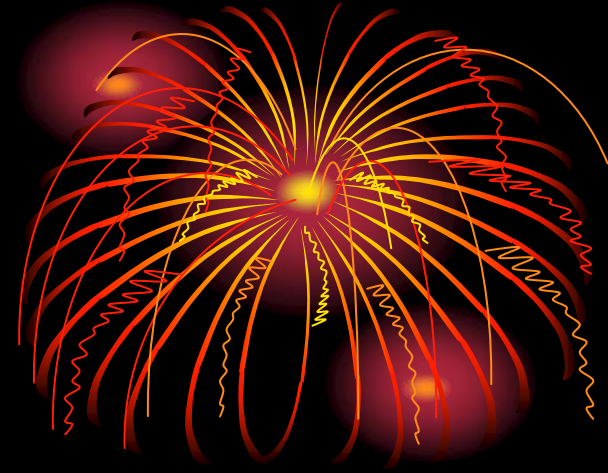


# Infrastructure

- Project Completed in Dec 1995
- Total Cost: \$135 million
- Developed in partnership with Caltrans by CPTC
- Constructed by Kiewit



# Infrastructure

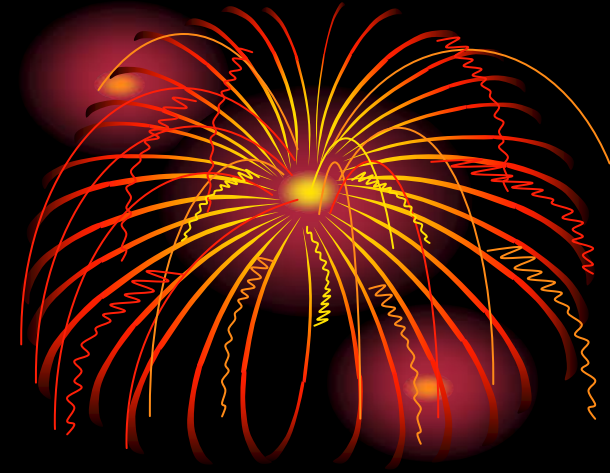


# Social & Economical Benefits



- Overall considered safe to travel on
- Financial Success
- Benefits to carpoolers with 3 or more passengers
- Toll Policy Benefits

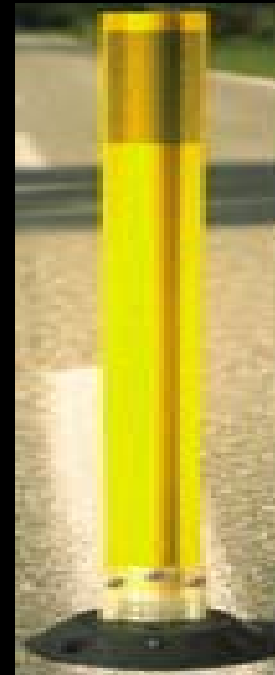
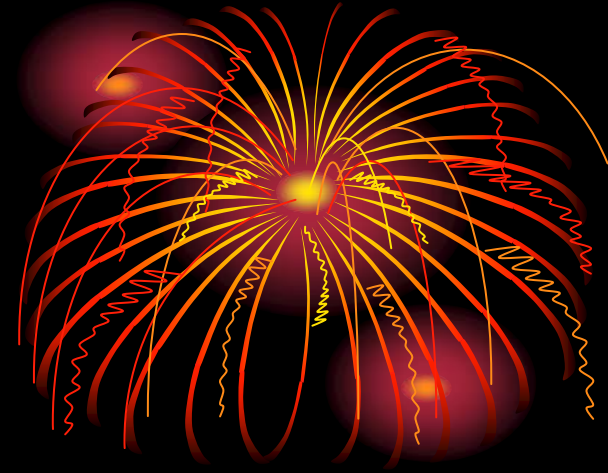
# Innovations



- First privately financed toll road in the U.S in the last 50 years
- First fully automated toll road in the world
- First variably-priced toll road in the U.S
- Project is used to gain insight and information

# Technical Issues

- Lane crashers
- Missing Channelizers



# Social Problems & Policy Challenges



- Complaints on high toll rates
- Caltrans was sued by CPTC
- Purchased by OCTA in 2003

THE END



THANK YOU!!!