



# Solar Installations within the State's Right of Way

## Sacramento Solar Highways

Presented by:

**Tony Tavares, Chief**

Division of Right of Way and Land Surveys



# Sacramento Municipal Utility District and Partners



**SMUD**

SACRAMENTO MUNICIPAL UTILITY DISTRICT

*The Power To Do More.*



# Proposed Solar Installation Locations



**Flat-plate arrays along Highway 50  
from approximately 43<sup>rd</sup> to 59<sup>th</sup>  
Streets**



**Concentrating arrays at the Highway 50  
& Mather Field Road interchange**



# Benefits to the State

- Provides compensation to the State for otherwise non-revenue producing property in the form of lease payments or participation in a renewable energy program, such as SMUD's SolarShares program
- Provides a blueprint for pursuing additional projects statewide
- Demonstrates the ability to integrate photovoltaic systems into an urban environment on existing public land assets
- Leverages a public partnership with SMUD and Caltrans
- No direct cost to Caltrans
- Positive Branding, Goodwill and Publicity
- Consistent with the Governor's Climate Action Plan



German Autobahn Solar Installation



Oregon DOT Roadside Solar Installation

# Tentative Pilot Project Timeline



- California Transportation Commission (CTC) Conceptual Approval – **June 2010**
- Complete Environmental Analysis and Approval – **Fall 2010**
- Conduct RFP for flat plate design/construction – **Fall 2010**
- Complete Power Purchase Agreement s with developers – **December 2010**
- Return to CTC for Request to Approve Lease Agreement – **December 2010/January 2011**
- Begin Construction – **January - April 2011**
- Pilot Project Operational – **Fall 2011**





QUESTIONS?