

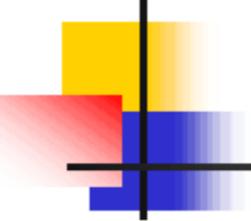
TAB 83

WORKSHOP ON THE ROADWAY ELEMENT
OF THE 2002 TEN- YEAR STATE HIGHWAY
OPERATIONS AND PROTECTION
PROGRAM (SHOPP) PLAN (4.3)

A VERBAL PRESENTATION WILL BE MADE AT THE OCTOBER 3, 2002
CTC MEETING ON THIS ITEM



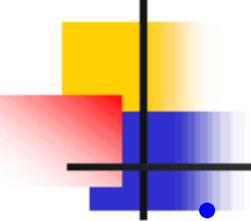
Caltrans



**SHOPP
ROADWAY PRESERVATION
PROGRAM**

*California Transportation Commission
Meeting*

**Susan Massey, Program Manager
Roadway Preservation October 2, 2002**



Roadway Preservation Program

- **Roadway Rehabilitation**
- **Pavement Preservation**
- **Long Life Pavement Rehab Corridors**
- **Major Damage Restoration**
- **Roadway Protective Betterment**
- **Drainage System Restoration**



Roadway Rehabilitation



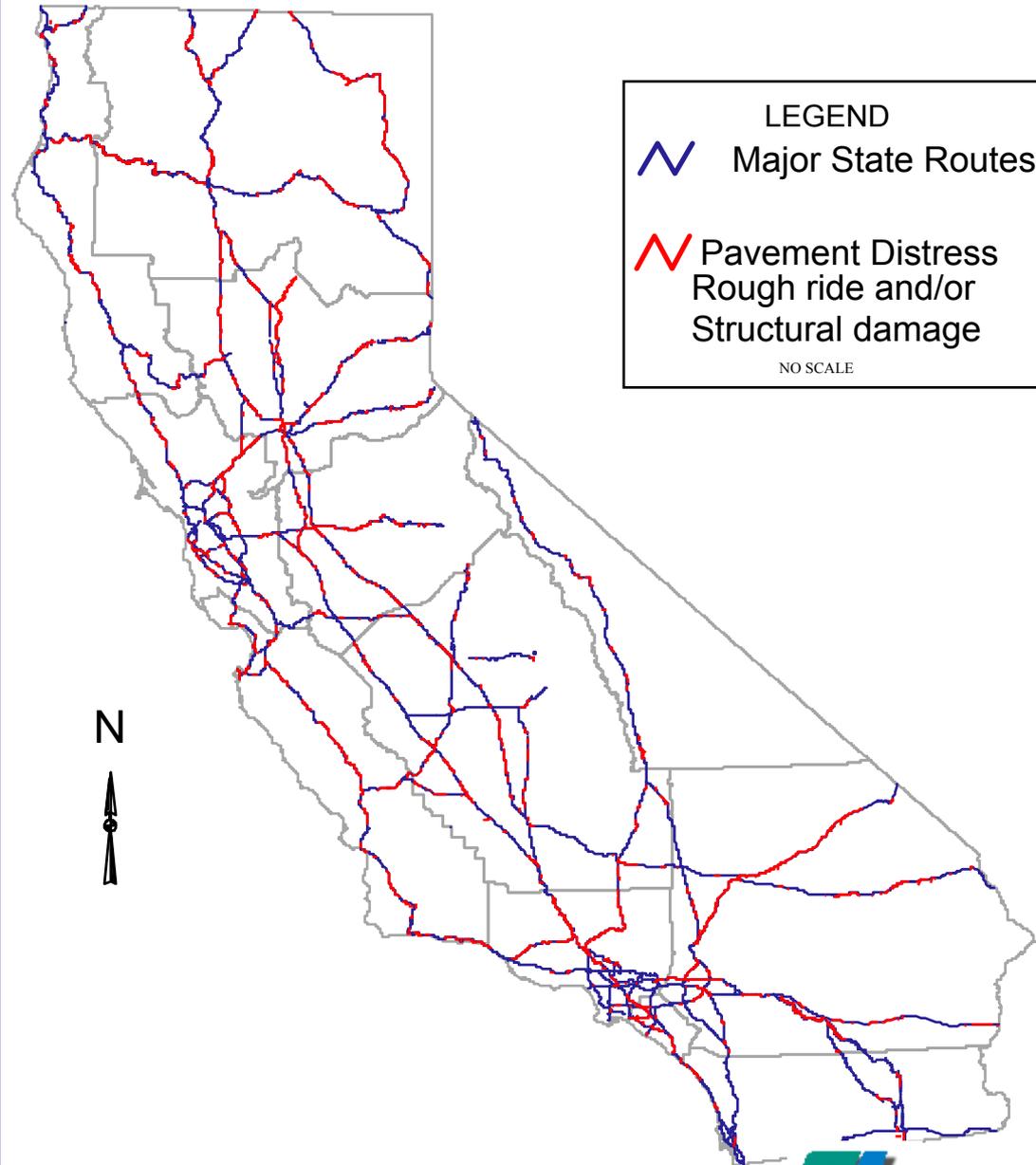
PCC PAVEMENT

LEGEND

 Major State Routes

 Pavement Distress
Rough ride and/or
Structural damage

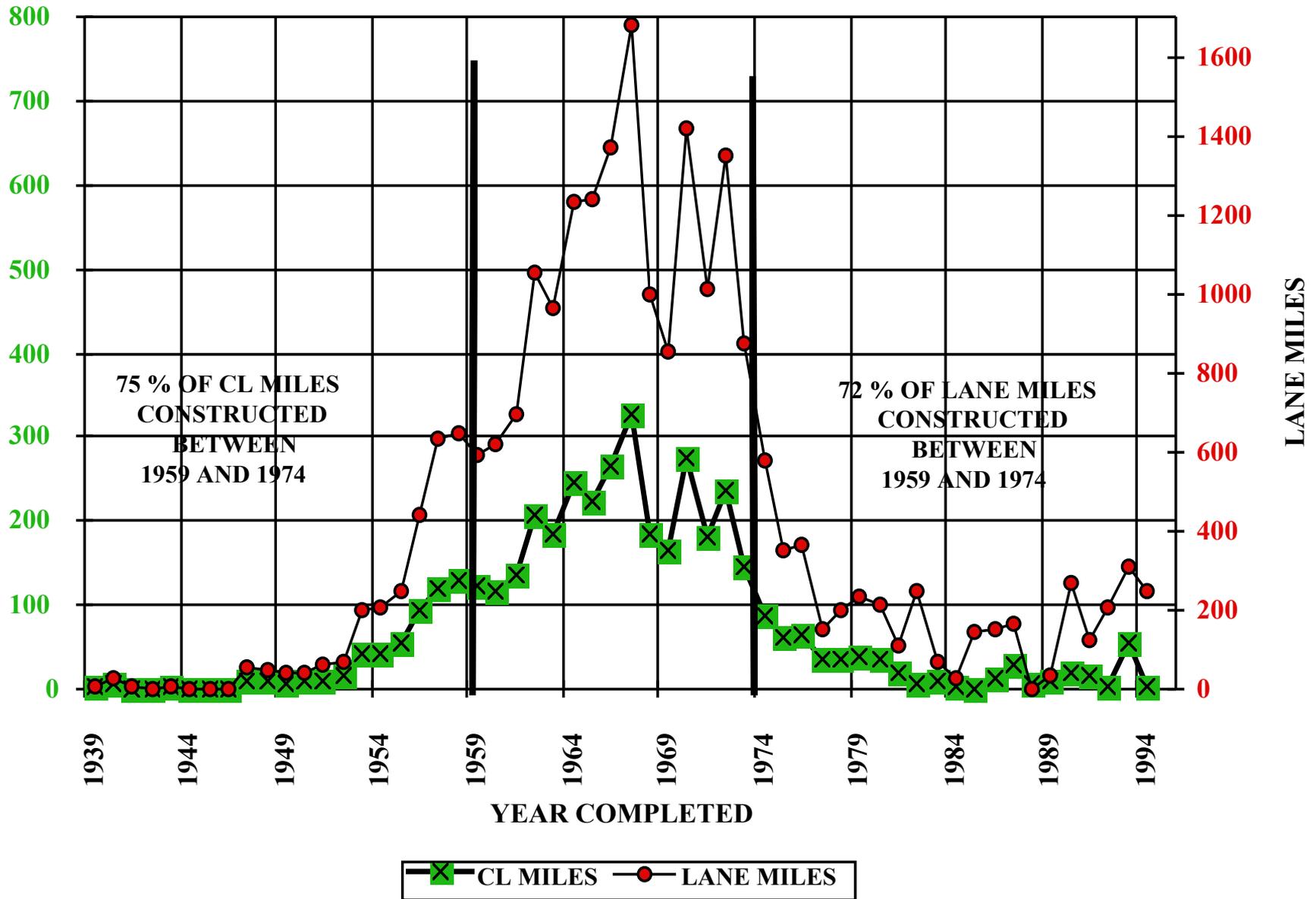
NO SCALE



**Pavement
Distress
Needs
are
Statewide**



California Freeways Year Completed



Bad Pavement on Urban Freeways

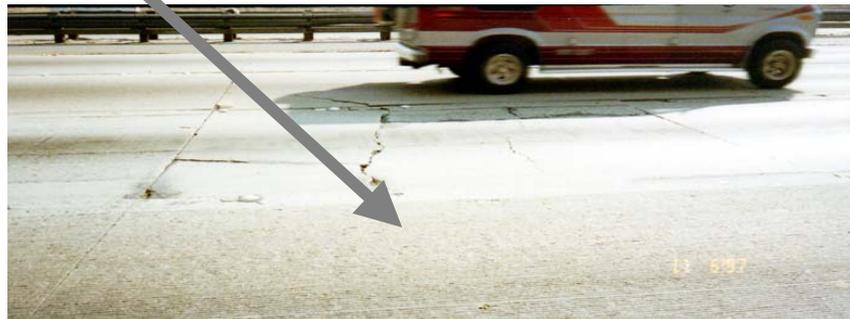


Cracking
& Slab Settlement



PCC PAVEMENT

Distress & Cracking



Pavement Condition versus Age

Each \$1 of Preventive Maintenance here



Joint and crack sealing, surface seals

Patching, thinner overlays

Delays spending \$6 here

Thicker overlays

Reconstruction

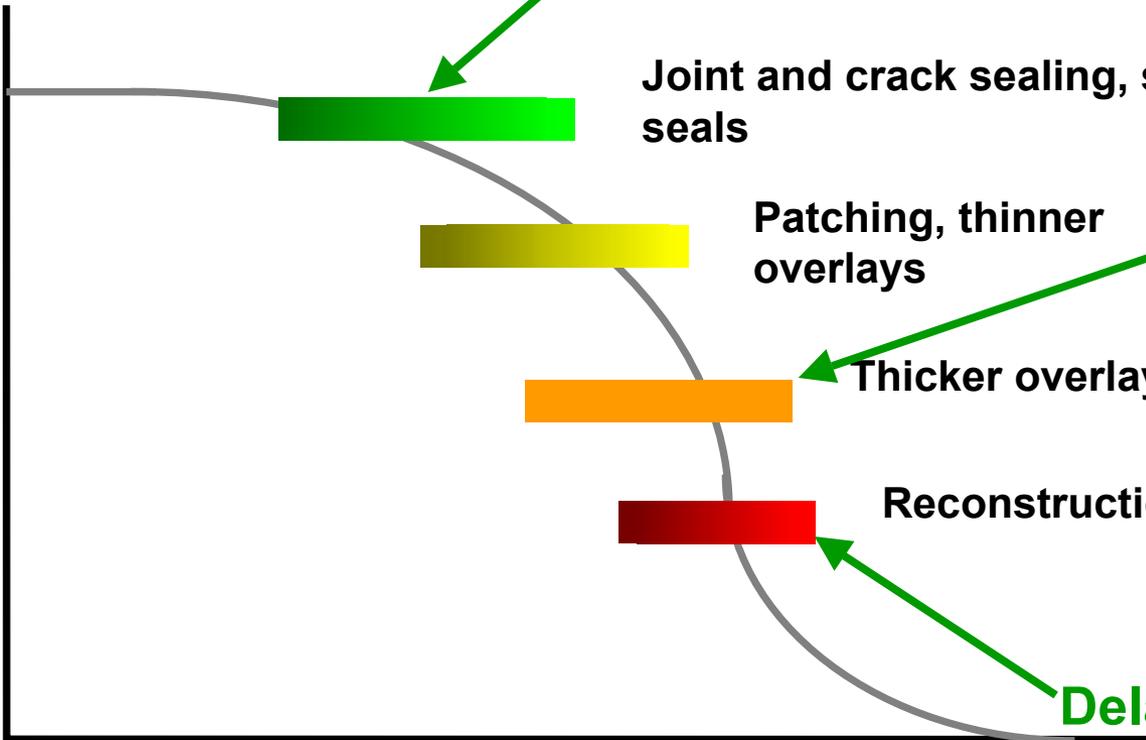


Delays spending \$20 here

Excellent

Failed

Age



Pavement Preservation



Pavement Condition Versus Age

Each \$1 of Preventive Maintenance here



Joint and crack sealing, surface seals

Patching, thinner overlays

Delays spending \$6 here

Thicker overlays

Reconstruction

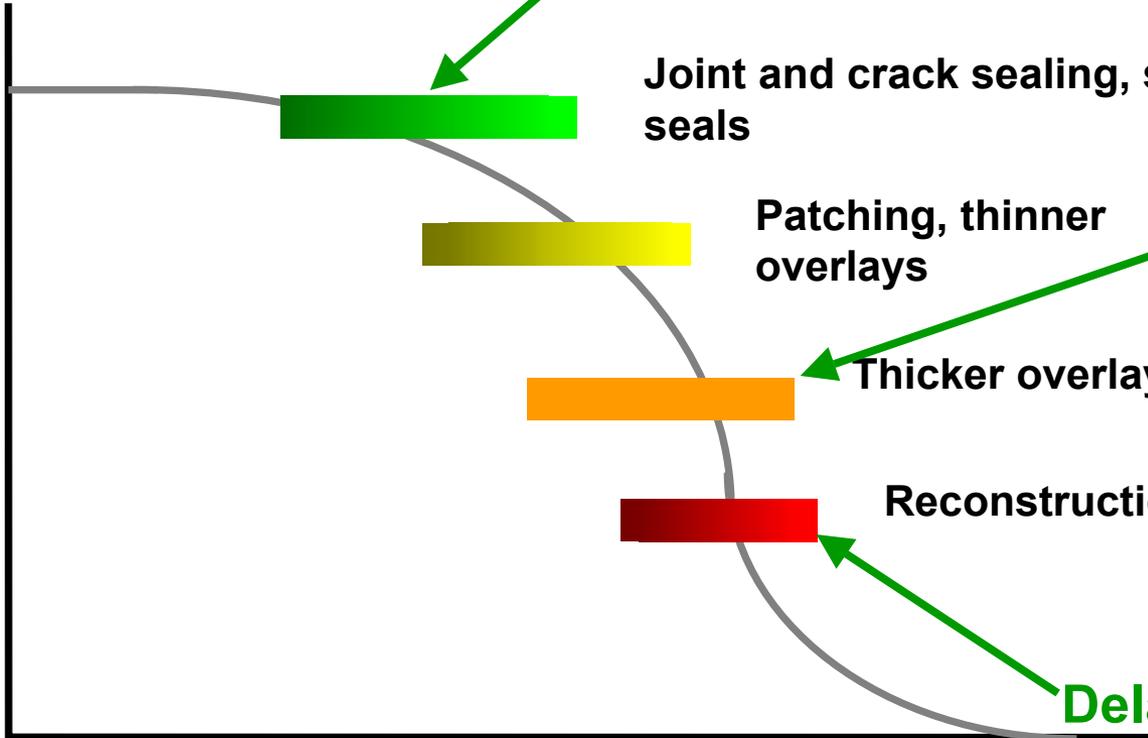
Delays spending \$20 here



Excellent

Failed

Age



Long-Life Pavement Rehabilitation Corridors



Old Pavement

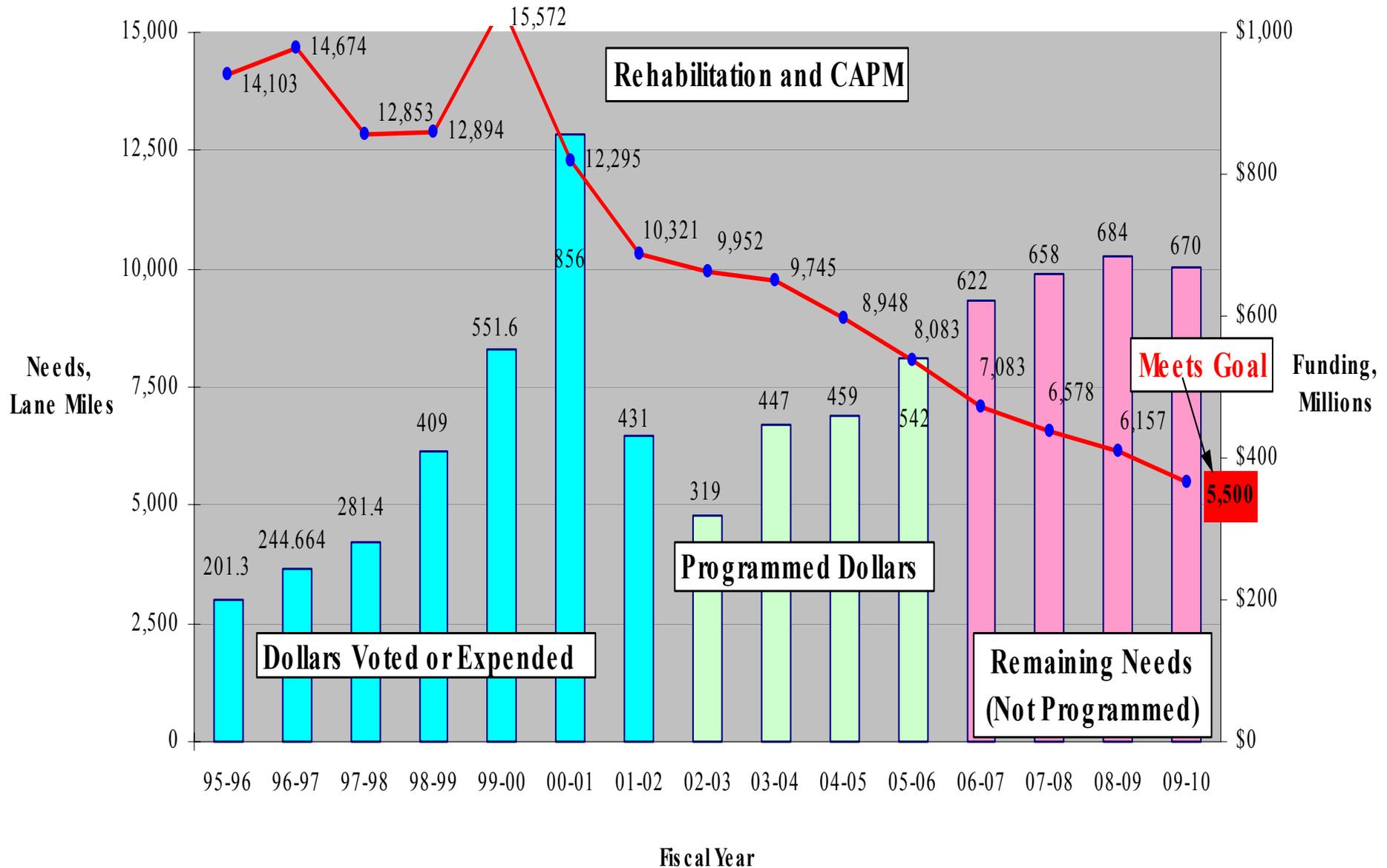
Minimize User Delay

Innovative Construction

Long-Life Pavement Rehabilitation Corridors



2002 Ten-Year Roadway Rehabilitation Goals

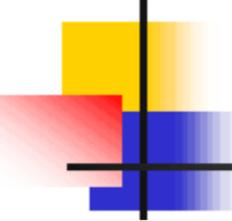


Major Damage Restoration



Major Damage Restoration





Major Damage Restoration



Roadway Protective Betterment



Roadway Protective Betterment



Drainage System Restoration



Drainage System Restoration



2-24-98 Sinkhole - 15 S/B at Balboa (14)

Funding Roadway Preservation Program

Program Element	2000 Ten Year Plan	2000 Average annual	2002 Ten Year Plan	2002 Average annual	2002 SHOPP	2002 Average annual
\$ shown in millions						
Roadway Rehabilitation	\$6,201	\$ 620	\$7,000	\$700	\$1,754	\$ 439
Major Damage Restoration &		\$ -			\$56	\$ 14
Roadway Protective Betterment		\$ -	\$1,200	\$120	\$105	\$ 26
Drainage System Restoration		\$ -	\$500	\$50	\$0	\$ -
		\$ -		\$0		\$ -
Total:	\$6,201	\$620	\$8,750	\$875	\$1,915	\$479