

COUNTY OF SANTA BARBARA TRANSPORTATION DIVISION

July 2007



# RdMAP

07/08

## Maintenance Activities:

County Crew's daily activities

## Pavement Preservation:

Preventive maintenance philosophies and applications

## Projects and Funding:

Project locations for all 5 County Supervisorial Districts

R o a d M a i n t e n a n c e A n n u a l P l a n - F i s c a l Y e a r 2 0 0 7 - 2 0 0 8



**A**CCOUNTABILITY **C**USTOMER FOCUSED **E**FFICIENCY

*Providing a clear path, smooth ride and a safe trip to the travelling public.*

***Transportation Division  
Mission Statement***



***RdMAP*** 07/08

***To provide a clear path,  
smooth ride and safe trip to  
the travelling public.***



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***The RdMAP covers:***

- **1,667 Lane miles of asphalt pavement**
- **110 Major bridge structures**
- **48 Traffic signals throughout the County**
- **Over 15,000 street trees**
- **Concrete hardscape improvements**
- **Over 4,100 drainage facilities**

# RdMAP Planning Process



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## IDENTIFY NEEDS

- Pavement Management System
- Bridge Management System
- Engineering Analysis
- Traffic Control Maintenance
- Maintenance Programs
- Minor Projects
- Environmental Review

• On going evaluation of the road system by the professional staff

• Set priorities in November  
Meet with Supervisors and CEO in December

## SET ROAD MAINTENANCE PRIORITIES

- Develop DRAFT Annual Plan

• Evaluate priorities  
Second meeting with Supervisors, February

• Public Meetings, North and South

## DISTRICT PRESENTATIONS GATHER PUBLIC INPUT

• Third Meeting with Supervisors, March

• Develop final draft plan  
Presentation to BOS for adoption of the annual plan

## DEVELOP FINAL DRAFT ANNUAL PLAN

## BOARD OF SUPERVISORS ADOPTION OF FINAL ANNUAL PLAN

December

February/March

March

March 27, 2007

1st District

2nd District

3rd District

4th District

5th District

CEO's Office



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## ***RdMAP Program Categories***

### **Corrective Maintenance**

- **Roadway & Bikeway Surface Maintenance**
- **Street Tree Maintenance**
- **Maintenance Administration**
- **Roadway Slope Repair**
- **Weed & Brush Removal**
- **Culvert Maintenance**
- **Traffic Control Maintenance**
- **Equipment Maintenance**





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# ***RdMAP Program Categories***

## **Preventive Maintenance**

- **Surface Treatment**
  - **Overlays & Concrete Repairs**
  - **Scrub Seals**
  - **Partnership Program (TPP)**
- **Surface Seals**
  - **Fog Seal Program**
  - **Micro Surfacing Program**



# ***Preventive Maintenance Concrete Repair***



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# *Preventive Maintenance*

## *Overlays and Scrub Seals*



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### **Overlays**



### **Scrub Seals**





# ***Preventive Maintenance*** ***Seal Coats***



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## **Fog Seal**



## **Micro Surfacing**





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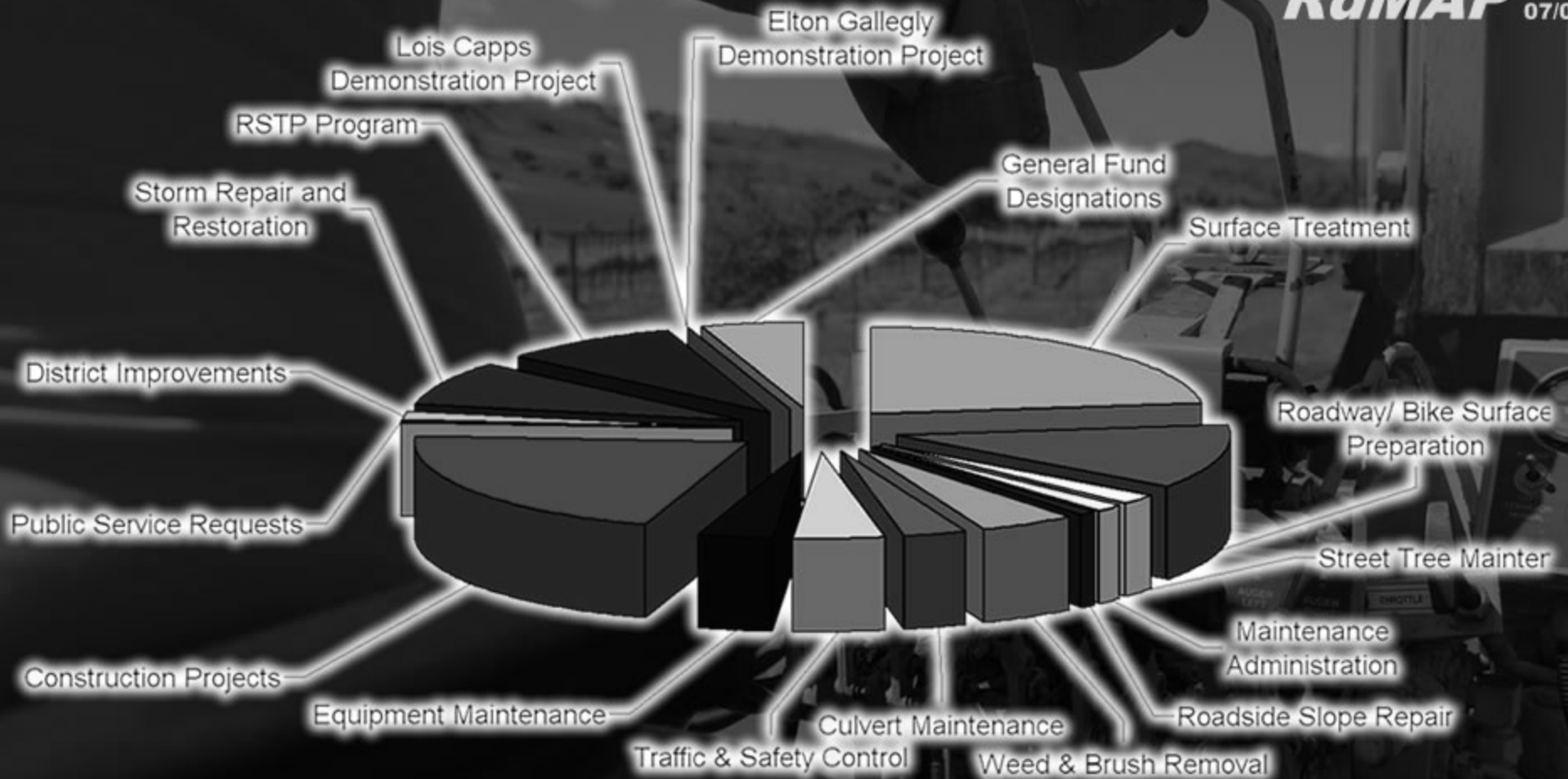
## ***Pavement Preservation***

- **Pavement Preservation vs. “Worst first”**
- **Benefits**
  - **Higher customer satisfaction / less traffic disruptions**
  - **Increased safety**
  - **Cost savings / cost-effectiveness**
  - **Improved pavement condition**
  - **Improved strategies and techniques**

# County-wide RdMAP Budget



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## ***Future Funding Opportunities***

- General Fund Designations (FY 07/08)
- Prop. 1B - Subvented??
- Measure 'D' sunsets in 2009

# ***Staff Recommendations***



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- A. Adopt the FY 2007-08 Road Maintenance Annual Plan (RdMap);
- B. Approve the funded projects listed for Maintenance Program (County Forces) and Surface Treatment Program (Contracts/County Forces) within the Road Maintenance Annual Plan;
- C. Approve Notice of Exemptions pursuant to the County's California Environmental Quality Act (CEQA) guidelines for the above; (POST)
- D. Authorize the Director of Public Works to advertise the above mentioned projects contained within the FY 2007-08 Road Maintenance Annual Plan.