

Pavement Maintenance on Hwy 1

- **1992 Chip Seal**
 - 25 miles (\$320,000)
 - Lanes only, shoulders not treated
- **2009 Grind & Replace Surface**
 - 1.6 miles (\$400,000) OR ~ \$250,000 per mile
 - Near Hearst Castle, distress from heavy vehicles turning
- **2012 Chip Seal**
 - 25 miles (\$2.1 million) OR ~ \$84,000 per mile
 - Lanes and shoulders



Concerns & Response

- We've heard from the cycling community and we have responded with:

- 1) Enhanced sweeping for loose gravel, pothole repair
- 2) Investigate body of knowledge for acceptable ride quality for bicycles and smoothing techniques
- 3) Outreach out to major cycling event organizers



Why no immediate re-paving?

- Estimated cost \$7-8 million
- Information is needed to:
 - Address surface roughness for bicyclists
 - Explore cost-effective techniques to achieve a smoother surface



CT/UC Davis

Pavement Research

- Phase 1

- Test smoothing techniques
- Quantify measurements for bicycle ride quality
- Evaluate cost-effectiveness
- Results in May

- Phase 2

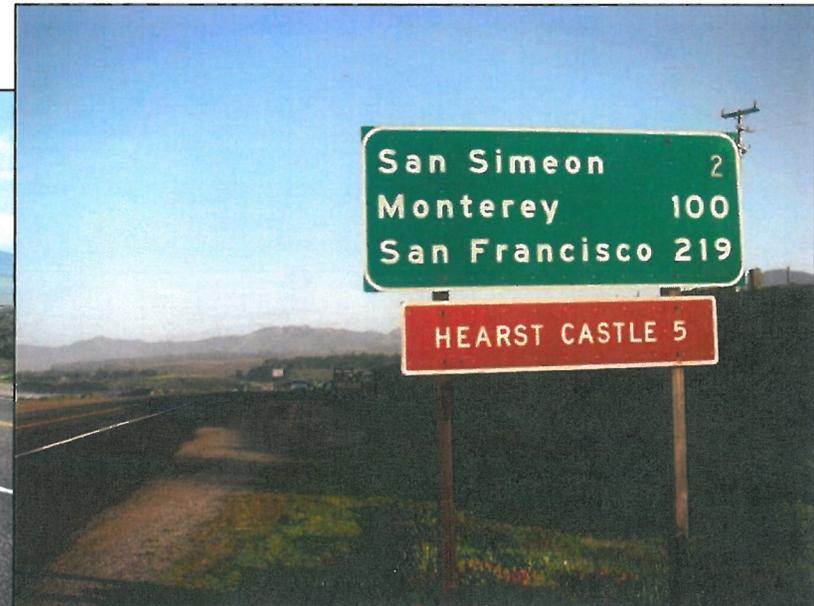
- Develop recommendations for statewide pavement program to account for bicycle ride quality
- Recommendations in Fall

Test Rolling

1000' test section

Pneumatic roller on northbound shoulder

Southbound traffic shift to shoulder



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Current Condition

- Highway 1 is safe for all users
- Major events are not cancelling
- Continue to encourage visits to the central coast and Highway 1

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