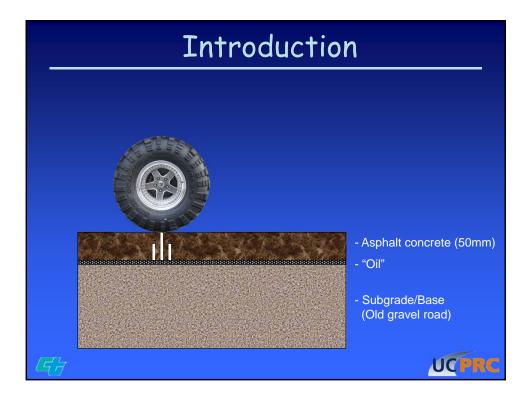


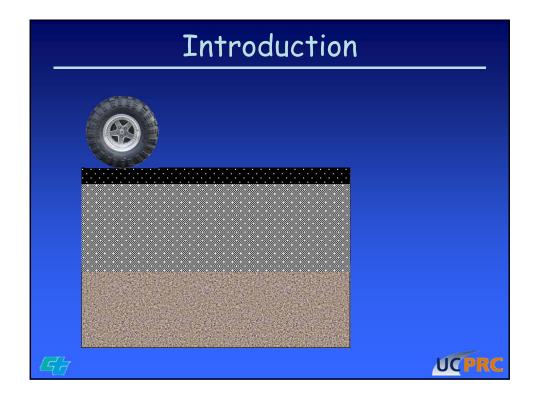


Introduction

- > FDR-FA introduced to California in 2000
- > Pilot study in 2001
- > International research focus
- > USA research focus
- > California research focus
 - + Thick AC "evolved roads"
 - + Closure limitations
 - + Mix & structural design
 - + Construction factors







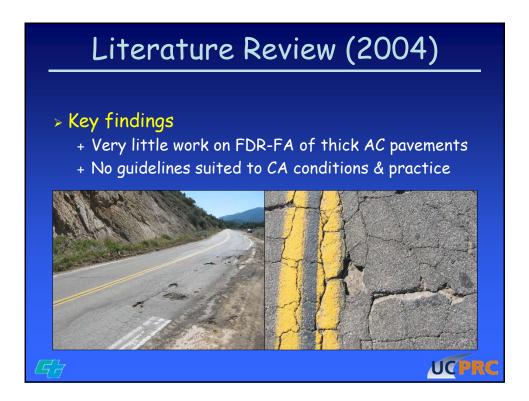
Summary

- > Introduction
- > Research focus areas
- > Key findings
- >Research implementation
- > Conclusions

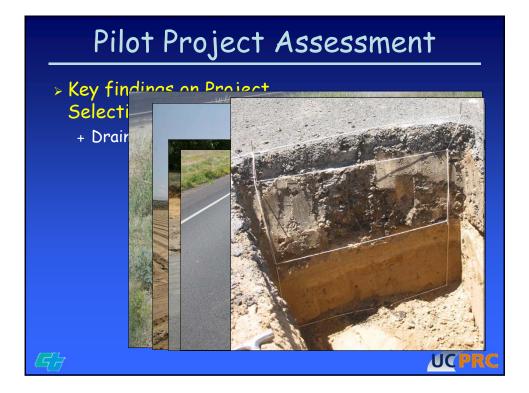


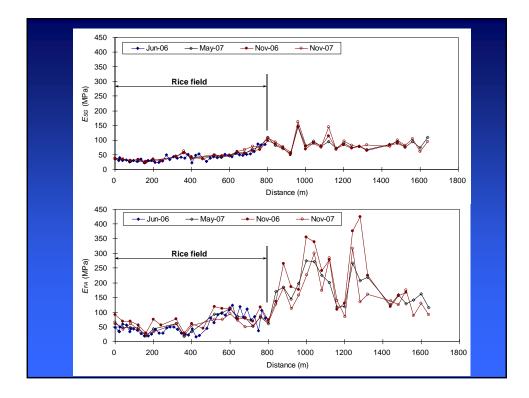


Summary	
 > Introduction > Research focus areas > Key findings + Literature + Pilot Projects + Laboratory study > Research implementation > Conclusions 	
E-	UCPRC

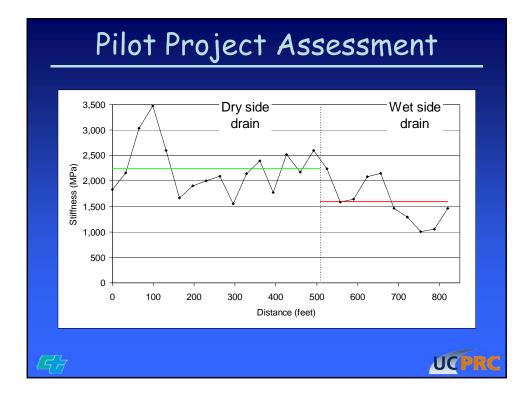


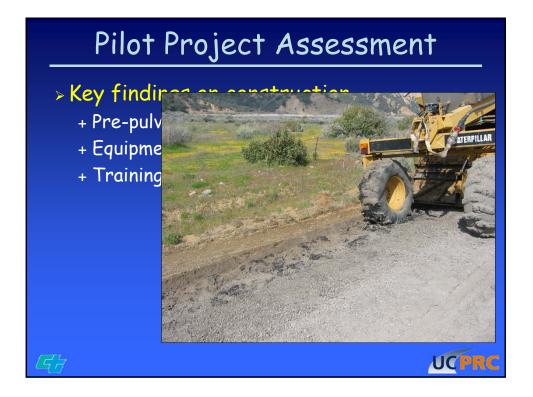
Summary	
 > Introduction > Research focus areas > Key findings + Literature + Pilot Projects + Laboratory study > Research implementation > Conclusions 	
E7	UCPRC



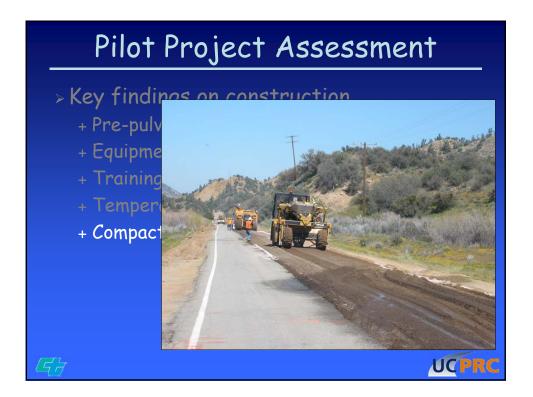




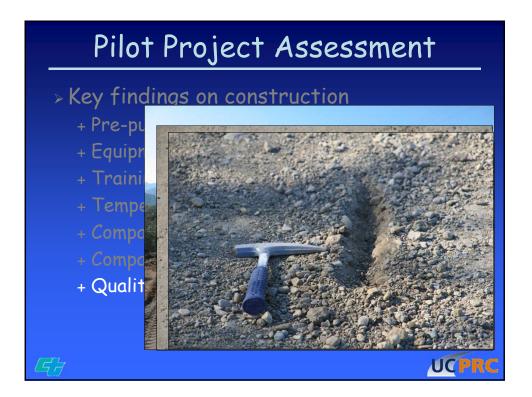




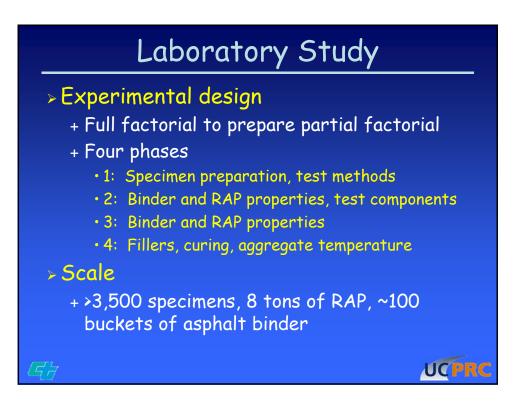


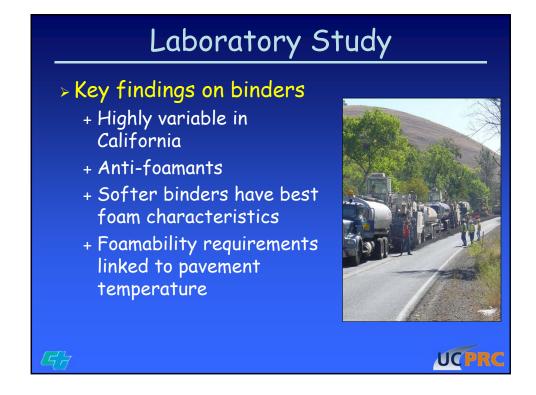




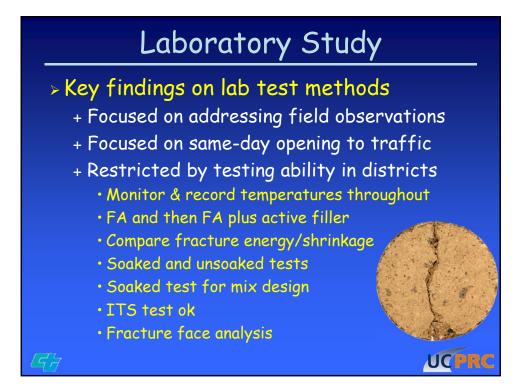


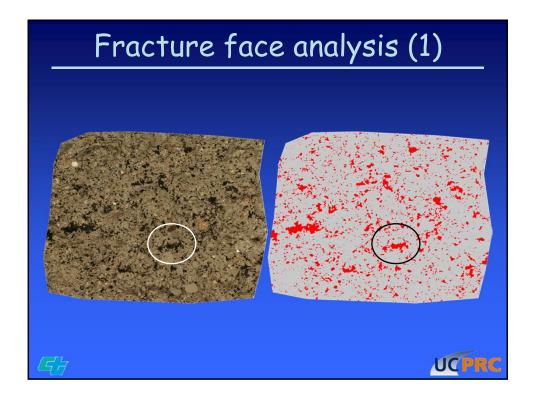
Summary	
 > Introduction > Research focus areas > Key findings + Literature + Pilot Projects + Laboratory study > Research implementation > Conclusions 	
E-	UCPRC

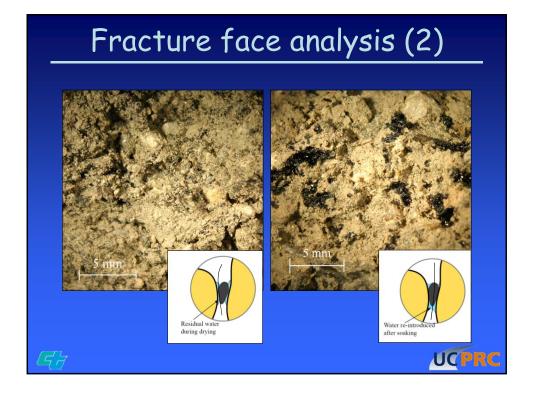




<section-header><section-header><list-item><list-item><list-item><list-item><list-item>



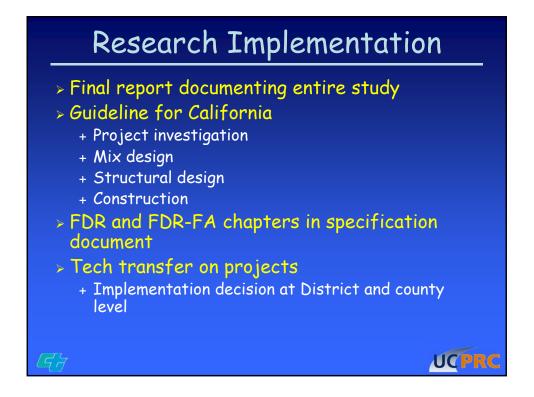




Summary

- > Introduction
- > Research focus areas
- > Key findings
- Research implementation
- > Conclusions





Guidelines

> Project selection

- + Each project should be designed
- + FWD, Cores, DCP, possibly GPR
- + Material sampling

> Mix design

- + Two phase
- + Active filler mandatory
- + Fines content
 - 5-12% recommended (excl active filler)
 - >15%: monitor soaked strengths closely
- + ITS test, monitor fracture face



UCPRC

Guidelines

Construction

- + Just-in-time training
- + "Walk behind" technician
- + Temperatures
 - Air: > 10° C
 - Surface, filler (and mid depth): >15° C
- + Mixing moisture content
 - In recycler, not after
 - No additional water until after pad-foot
- + Compactor weight
- + 1 pad-foot roller per recycling train
- + Distance control behind train
- + Surfacing assessment





Summary

- > Introduction
- > Research focus areas
- > Key findings
- Research implementation
- > Conclusion





