

# Appendix F

## Testing Program Photos

Oak Avenue from Sixth Street to East Street - Original Material Placement May 2003



Initial application with the oil truck. PASS® emulsion penetrates the severely cracked surface of the old roadway. Very little preparatory work preceded the application.



Spreading the first layer of rock "chips".



Spray truck applying the second layer of PASS® emulsion over the first layer of rock.



The rock is applied from a spreader box attached to a dump truck driving in reverse.



Driving in reverse prevents the truck from driving on the newly sprayed oil



To widen the road and prevent some dust the double chip seal was applied over native soil and rock adjacent to the roadway.

Oak Avenue from Sixth Street to East Street - 2008 Condition

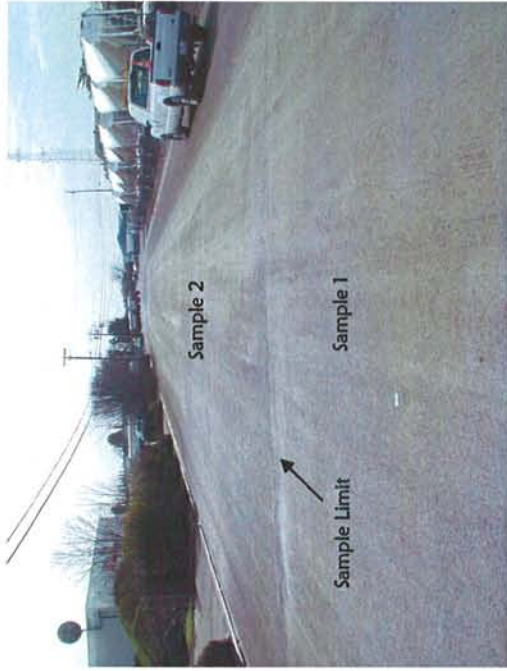


The condition of the roadway in 2007, four years after placement, is much better than was expected. The surface has reflective cracking, however considering the original condition of the road and that very little preparatory work was completed before treatment placement, the road surface is in acceptable condition. Most of the cracks remain sealed and impermeable. Some of the cracks have worked through the treatment to the surface and as a result, the road is likely to be resurfaced in the near future.

Harter Avenue from Kentucky Avenue to Fortna Avenue - February 2006 Condition



Control section is significantly deteriorated.



Samples 1 and 2 are substantially without deterioration

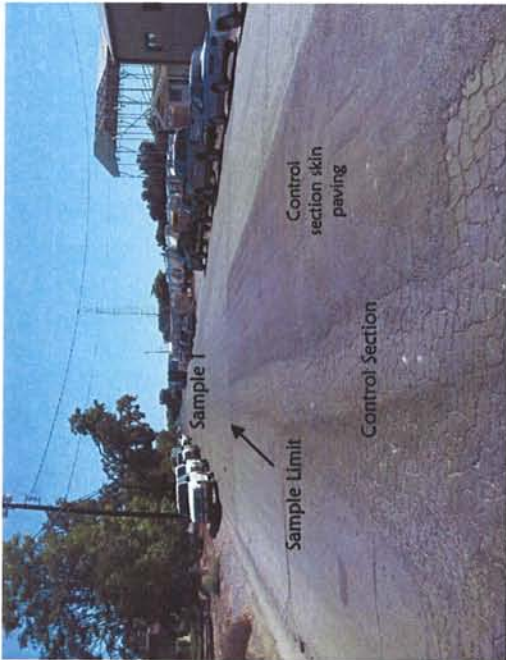


Sample 3a is showing cracking through the new surface. the pavement is in better condition than the control section but is in the worst condition of the sample areas.

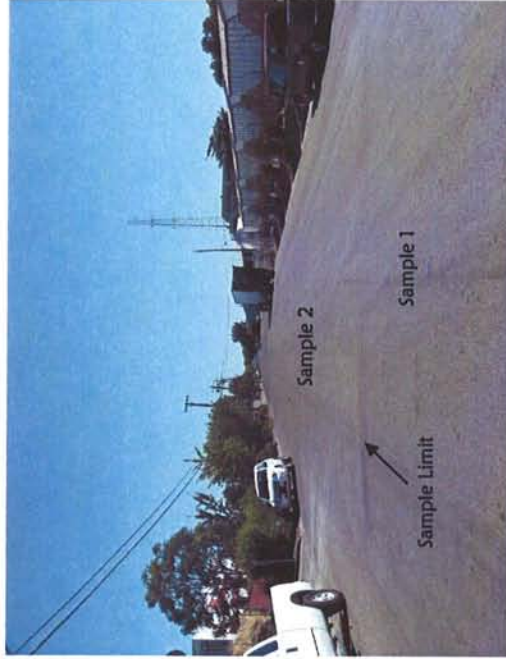


Sample 3b is beginning to show signs of deterioration but remains in better overall condition than the control section and sample 3a.

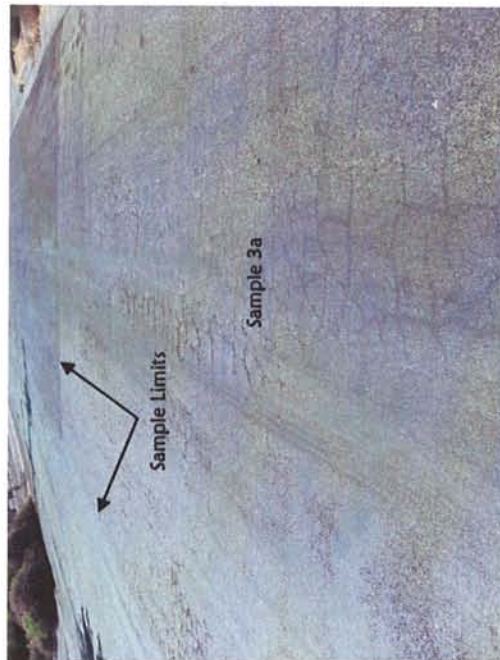
Harter Avenue from Kentucky Avenue to Fortna Avenue - August 2008 Condition



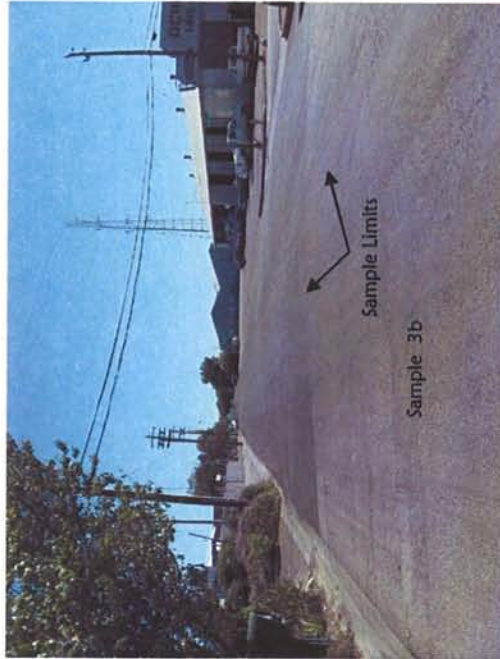
The control section significantly distressed and had to be skin paved to ensure safety and ride-ability.



Samples 1 and 2 are still performing well. Initial signs of deterioration are weathering and very slight surface cracking.



Sample 3a remains better than the control section but has areas of significant deterioration where water is penetrating the surface. The area may be sealed again in the near future.



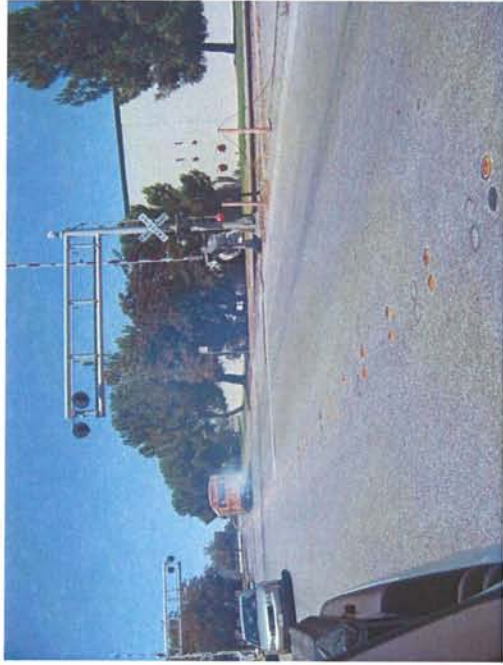
Sample 3b is showing more reflective cracking yet remains in fair condition. The surface remains mostly proof.

El Dorado from Ashley to Inverness - 2008 Condition



The rubberized overlay has prevented pre-existing cracks from reflecting through to the new surface. The surface of the overlay is in very good condition, showing that the RAC material performs at least as well as conventional AC.

Santa Anita Court - 2008 Condition



The condition of Santa Anita just two years after the double chip seal was placed is much worse than was expected. There are significant surface cracks and alligator cracking.