

California Chip Seal Association

2013 Pavement Preservation
Workshop

San Diego Marriott Mission Valley



COLD RECYCLING

HOW DID WE GET HERE?



MULTI UNIT CIR TRAIN

MILLING MACHINE

CRUSHER & SCREEN DECK

PUGMILL



SINGLE UNIT CIR TRAIN

CRUSHER

SCREEN DECK

PUGMILL ALL MOUNTED ON ONE UNIT



DEPOSITING RECYCLED MIX DIRECTLY IN PAVER HOPPER

TYPICALLY NOT SPECIFIED IN THE WEST – NEBRASKA, DOR, MIDWEST, AND EAST COAST SPECIFY

WHERE ARE WE NOW?

- MANY AGENCIES ARE LOOKING TO INDUSTRY TO DEVELOP LOW VOLUME ROAD SPECS AND COLD CENTRAL PLANT SPECS
- THIS WILL LEAD TO MORE SURFACING CHOICES – CHIP SEAL, SLURRY SEAL, MICROSURFACING, CAPE SEAL, ETC.
- IN CALIFORNIA, MANY COUNTIES AND CITIES HAVE SPECIFIED CIR OR CCPR WITH SOME TYPE OF THIN LIFT SURFACE TREATMENT



GARDEN GROVE, CA.
CCPR



WASHOE COUNTY NEVADA

FINISHED PRODUCT READY TO LOAD INTO TRUCKS



WASHOE COUNTY NEVADA
LAYDOWN OPERATION



WASHOE COUNTY NEVADA
LAYDOWN OPERATION

WHERE ARE WE HEADED?

- PROJECTS THAT CIR CAN BE APPLIED WILL CONTINUE TO GROW – HIGHER VOLUME TRAFFIC AREAS AS WELL AS URBAN AREAS – IT IS NO LONGER A LOW VOLUME ROAD, OUT IN THE COUNTRY TYPE OF PROCESS DUE TO INCREASINGLY HIGHER QUALITY END PRODUCT AND EQUIPMENT INNOVATIONS
- WITH FUNDING ISSUES, CIR WITH THIN LIFT SURFACE TREATMENT HAS BECOME AN ATTRACTIVE ALTERNATIVE TO TRADITIONAL TREATMENTS (MILL & FILL, HMA OVERLAY, ETC.)



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