

# ANNUAL EFFICIENCY 2019-20 Update



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**Tab 21**



# 2019-2020 EFFICIENCY HIGHLIGHTS

- 10 New Efficiencies
- 7 Recurring Efficiencies
- New Organization
- Safety
- Partnerships



3

3-Year's Success  
\$ 706 Million in Cost Savings  
or Cost Avoidance

Millions

400  
350  
300  
250  
200  
150  
100  
50  
0

FY 2017-18

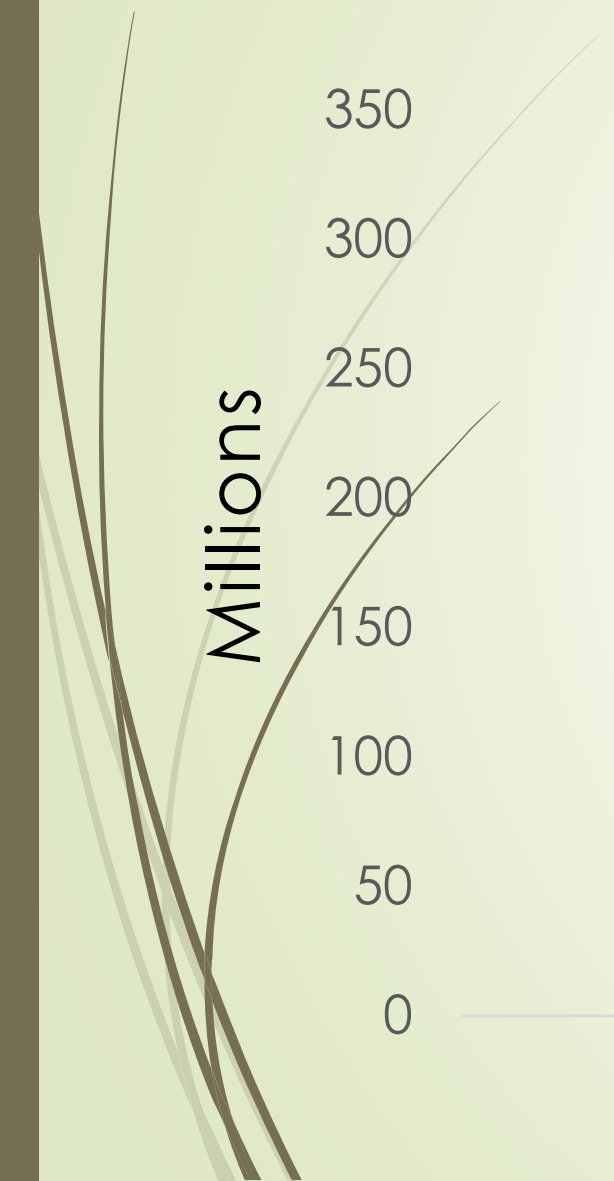
FY 2018-19

FY 2019-20

133

233

340



# EFFICIENCY HIGHLIGHT # 1- OPEN GRADE FRICTION COURSE (OGFC) - PERMIT CREDITS

## WHAT IS OGFC?

An overlay of porous asphalt placed on top of pavement

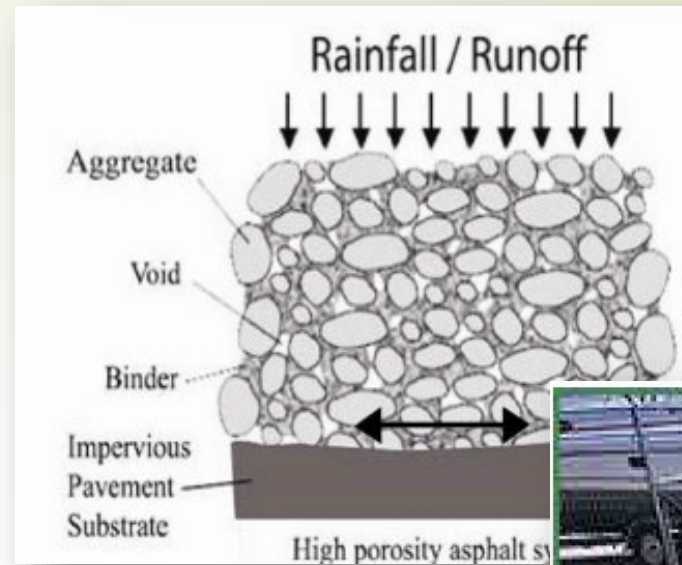


Water drains through the pavement rather than across it



## OGFC EFFICIENCY, Cont'd

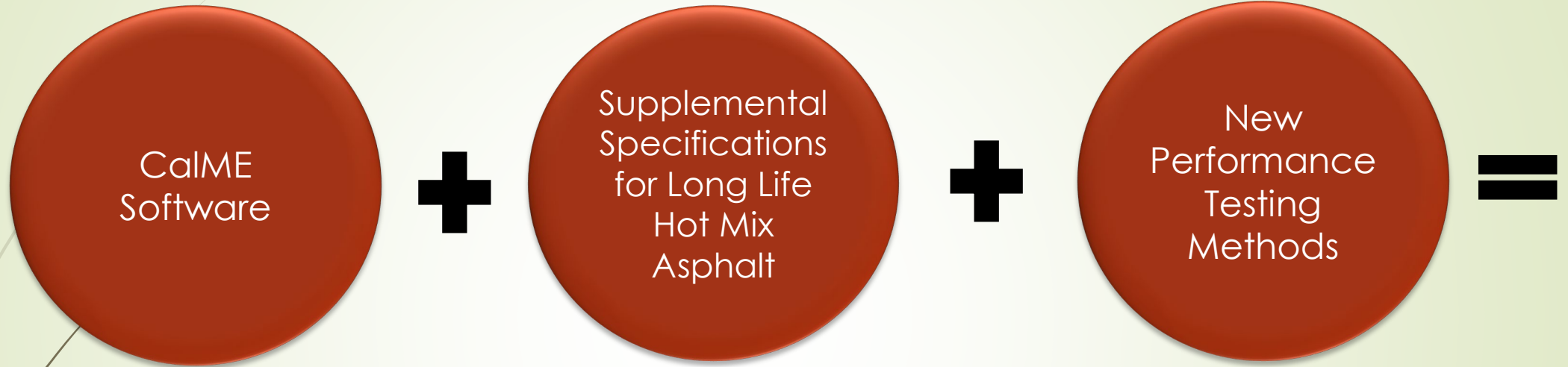
- Caltrans received regulatory buy-in for OGFC as an approved stormwater treatment strategy.
- This translates to fewer stormwater treatment devices that have to be constructed and maintained.



# EFFICIENCY HIGHLIGHT # 2

## LONG LIFE ASPHALT PAVEMENT

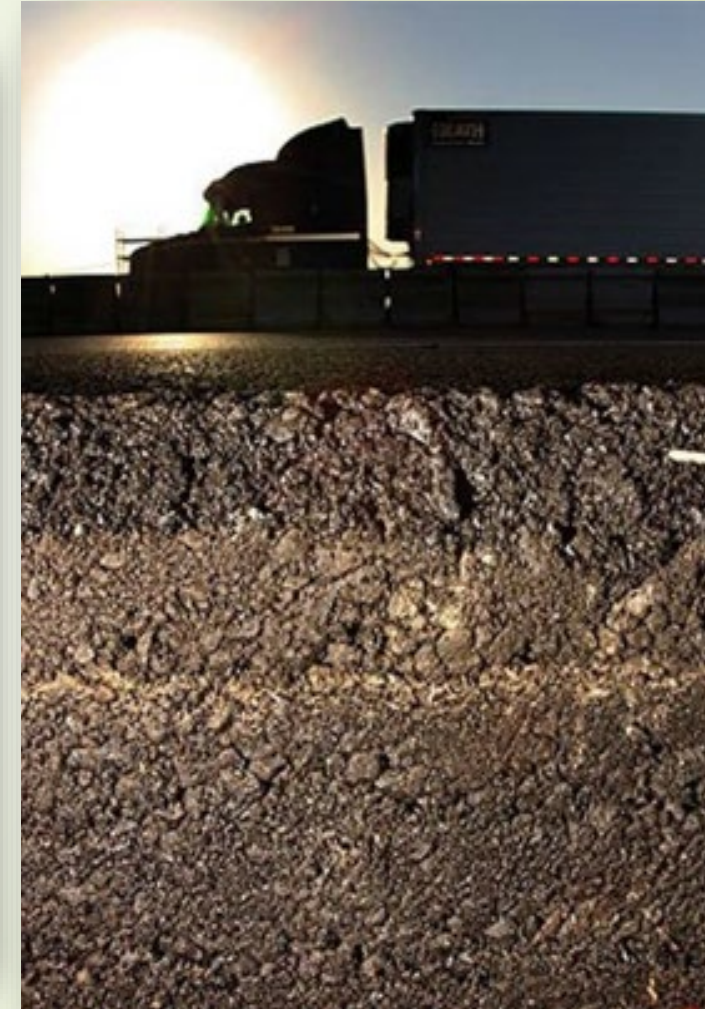
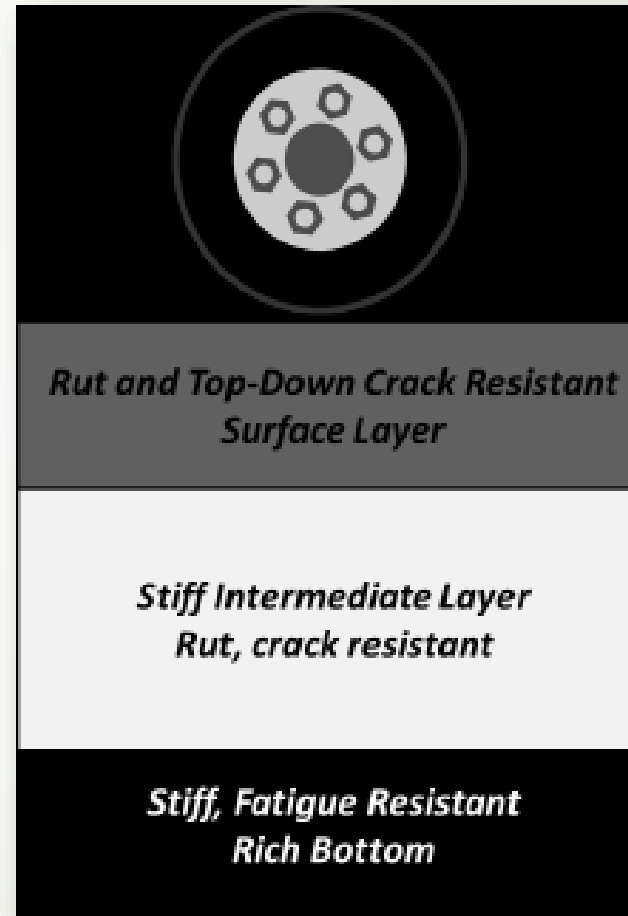
6



Long Life Asphalt Pavement  
60-Year Design Life

# LONG LIFE ASPHALT PAVEMENT

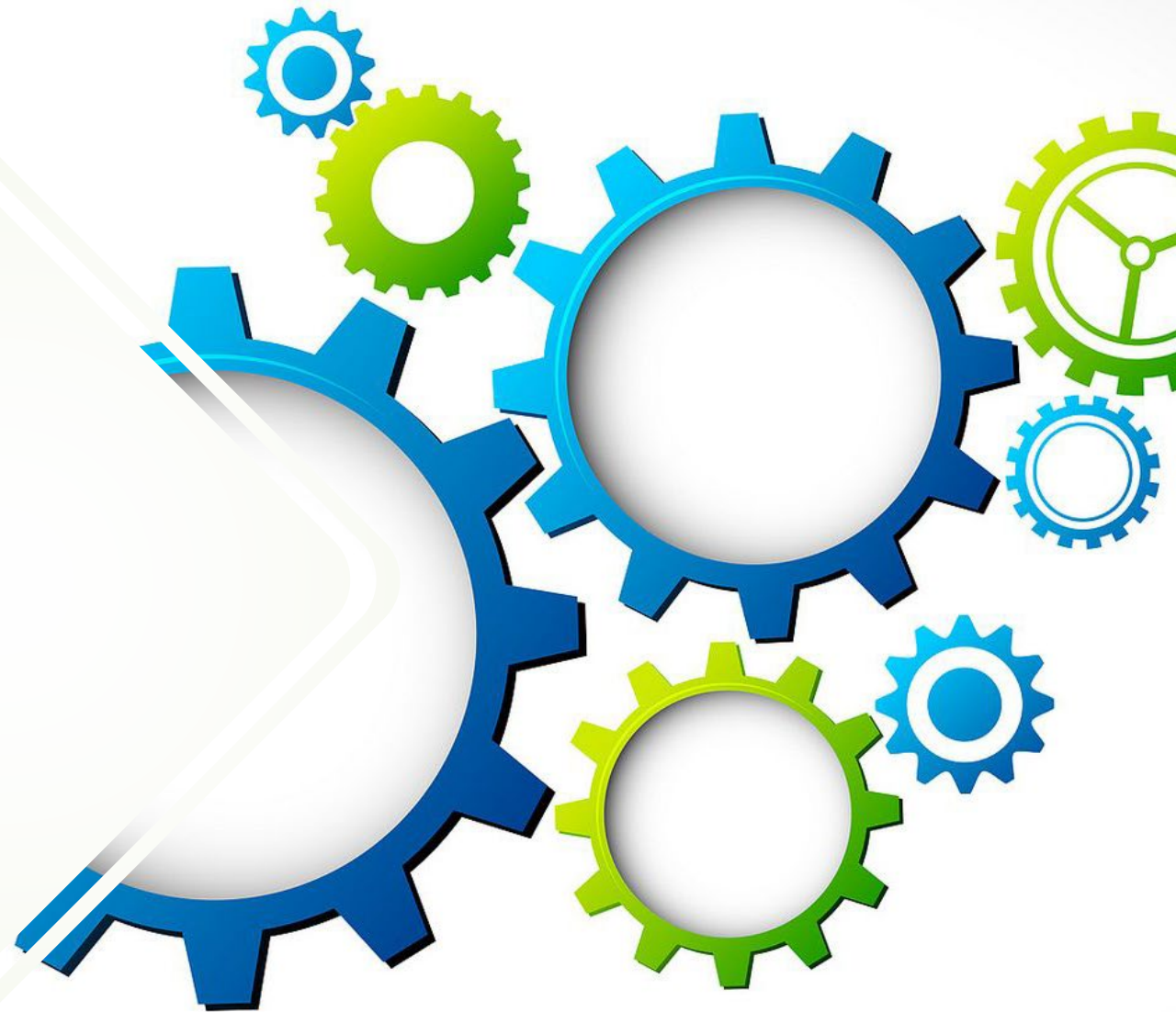
- Partnership with Pavement, Research, and University of California Pavement Research Center (UCPRC) at UC Davis
- Minimal additional up front cost



Picture credit L.A. Times article on Long Life Pavement

# EFFICIENCY HIGHLIGHT # 3 REDUCTION IN PROGRAM SUPPLEMENTAL AGREEMENT PROCESSING

- Program Supplement Agreements (PSA) are project specific agreements between Caltrans and a local or regional partner.
- Lean 6 Sigma effort decreased processing time from 76 days to 30 days or less, with an average of 20 days.
- Caltrans' Division of Local Assistance processes ~1,200 PSA's annually.





# NATIONWIDE PEER EXCHANGE

## Best Practices for Cost Savings and Increased Efficiencies



California  
Transportation  
Commission

# SANDAG



UNIVERSITY OF CALIFORNIA  
Institute of Transportation Studies



METROPOLITAN  
TRANSPORTATION  
COMMISSION



South Carolina Department of Transportation



California State University  
Transportation Consortium



U.S. Department of Transportation  
Federal Highway  
Administration



COLORADO  
Department of Transportation

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Thank you!