San Joaquin Road

Pavement Treatment Testing
Program Status Update

April 26, 2022
San Joaquin Pavement Treatment Testing

Program started DEC 2018 with Estimated PCI 30

4.3 miles between Old Ajo Highway and Milky Way Drive

13 pavement sections and 2 surface treatments

Infrastructure Management Systems (IMS) completed pavement condition surveys DEC 2019, AUG 2020 & MAR 2021

Each test section provided a PCI used to model pavement performance
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OBSERVATION #1

1” Green AC overlay with fiber over existing pavement
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OBSERVATION #2

Fog seal, chip seal class 1, pulverize and recompact 6” of existing pavement and subgrade
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OBSERVATION #3

Fog seal, double chip class 1, pulverized and recompact 6” with 2 lbs. of cement/sf
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OBSERVATION #4

To date, the best value for road repair of failed local roads is found in 2” asphalt overlay (PAG 2) over existing pavement and...
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OBSERVATION #5

…also in 2” mill and fill (PAG 2) over existing pavement
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SUMMARY

Additional pavement condition data is necessary to better determine the most cost effective and long term treatment options.

Additional PCI evaluation coming later this year.
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Webpage for San Joaquin Pavement Treatment Test:
https://webcms.pima.gov/cms/One.aspx?portalId=169&pageld=425684