

Pima County Transportation Advisory Committee

San Joaquin Road

**Pavement Treatment Testing
Program Status Update**

April 26, 2022

San Joaquin Pavement Treatment Testing

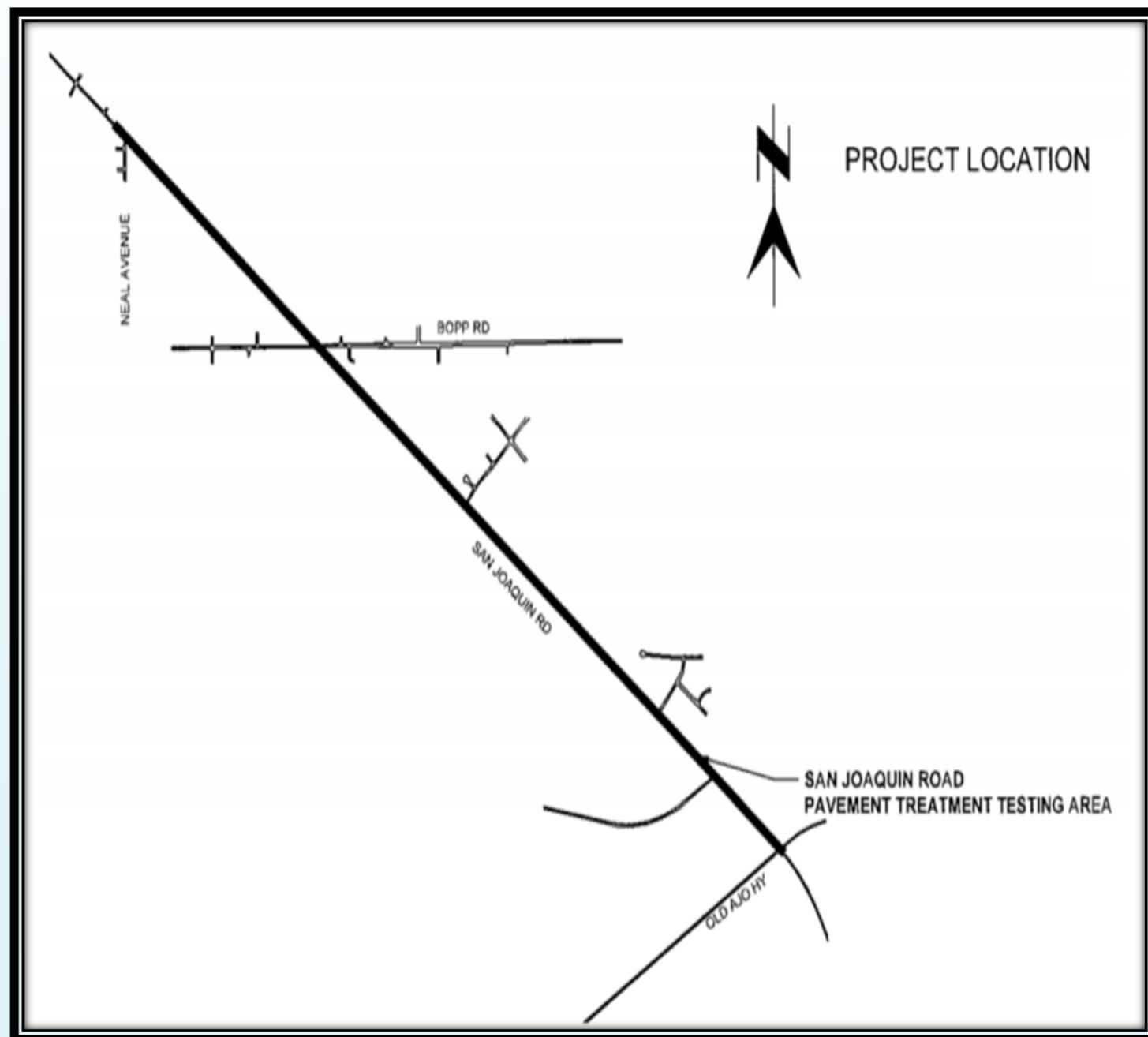
Program started DEC 2018 with Estimated PCI 30

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

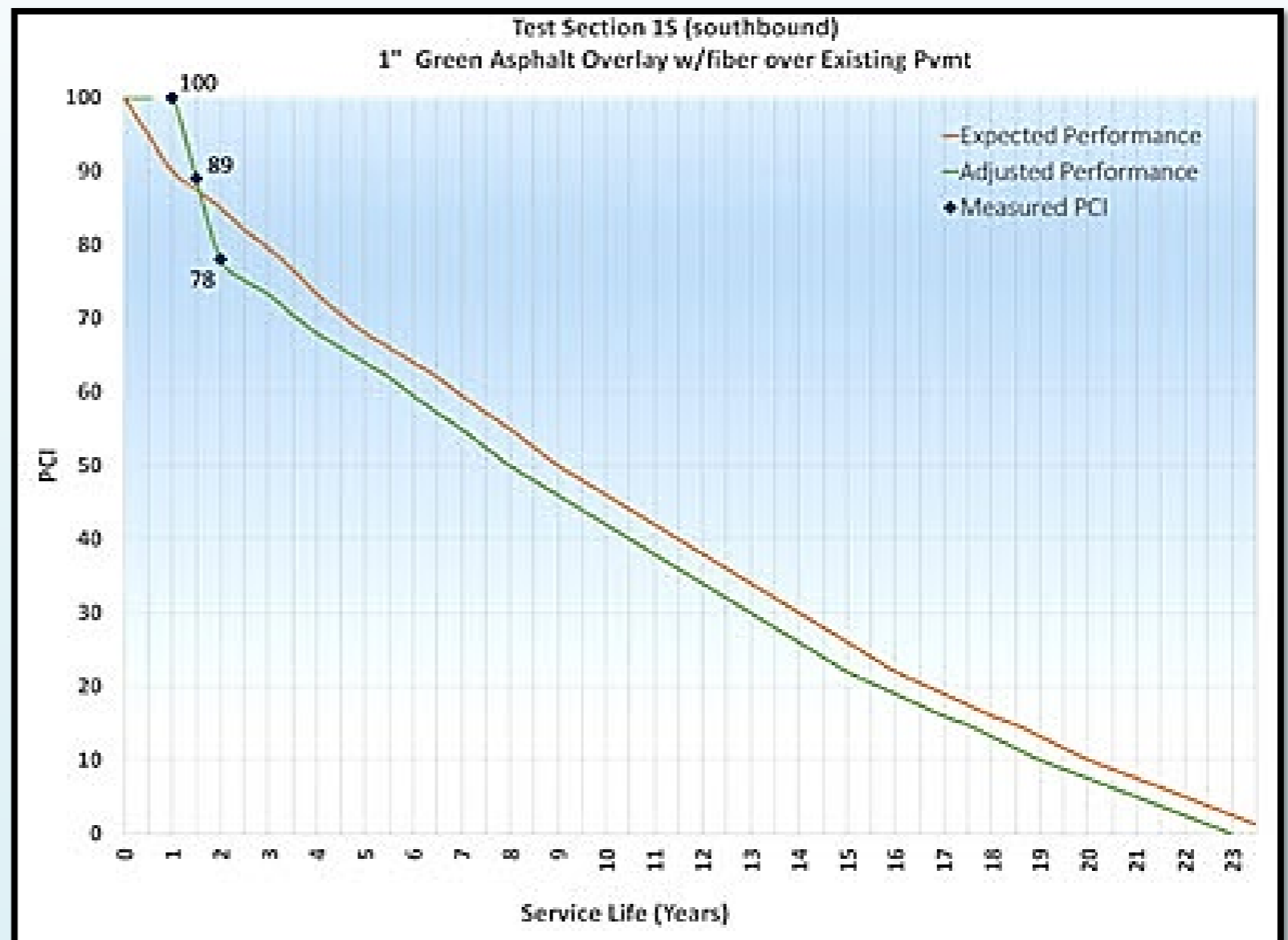
Each test section provided a PCI used to model pavement performance



San Joaquin Pavement Treatment Testing

OBSERVATION #1

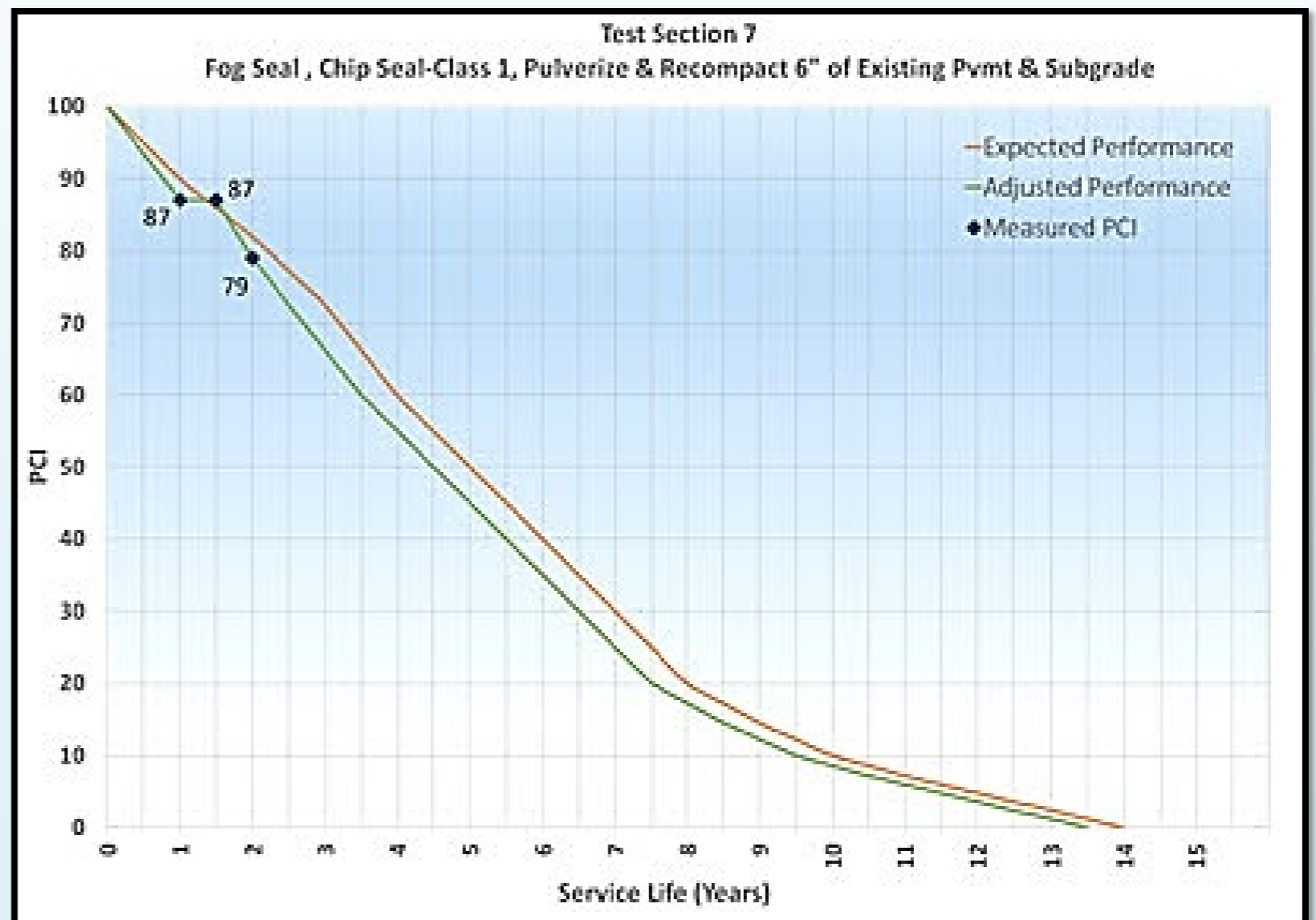
1" Green AC overlay with fiber over existing pavement



San Joaquin Pavement Treatment Testing

OBSERVATION #2

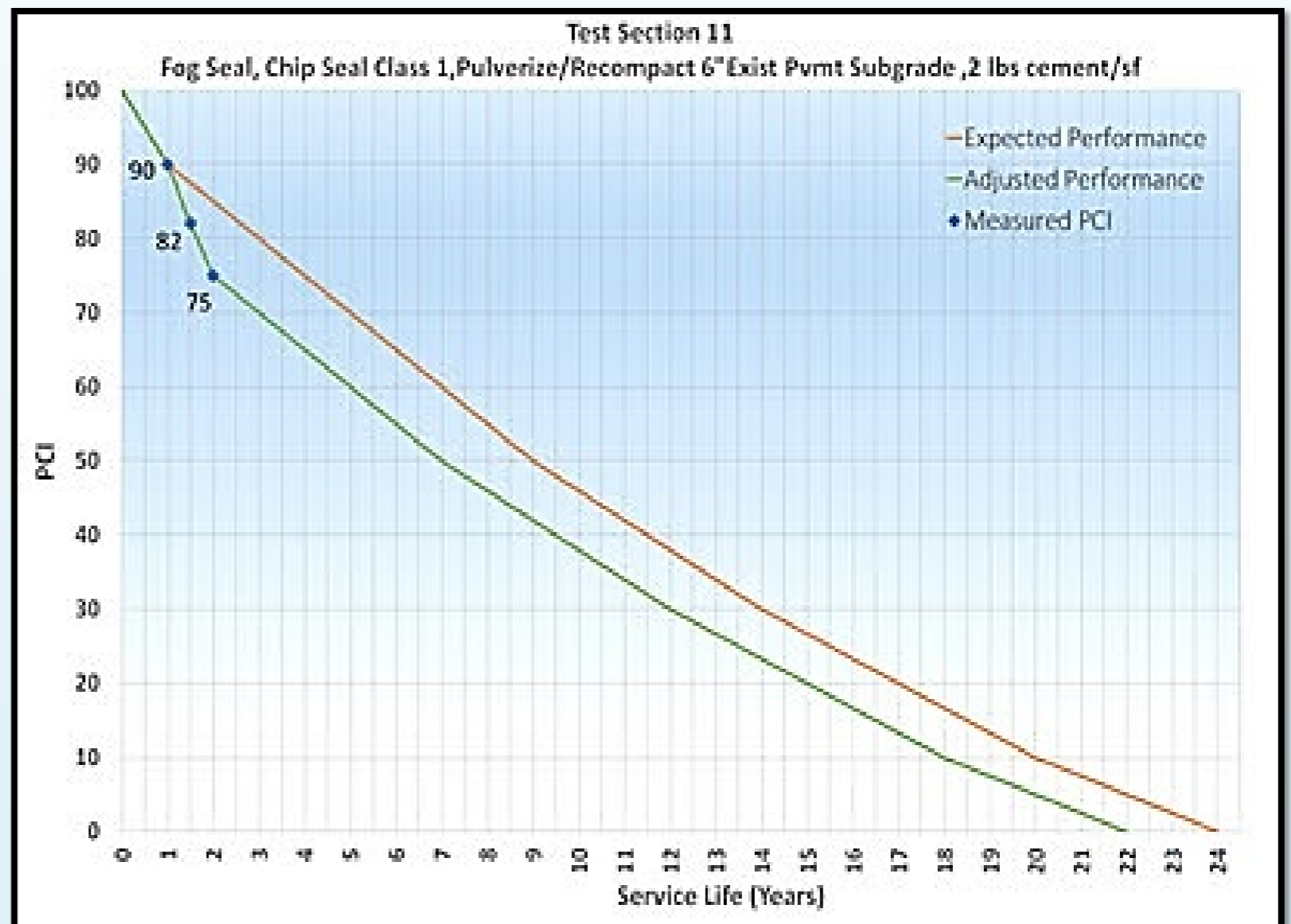
Fog seal, chip seal class 1, pulverize and recompact 6" of existing pavement and subgrade



San Joaquin Pavement Treatment Testing

OBSERVATION #3

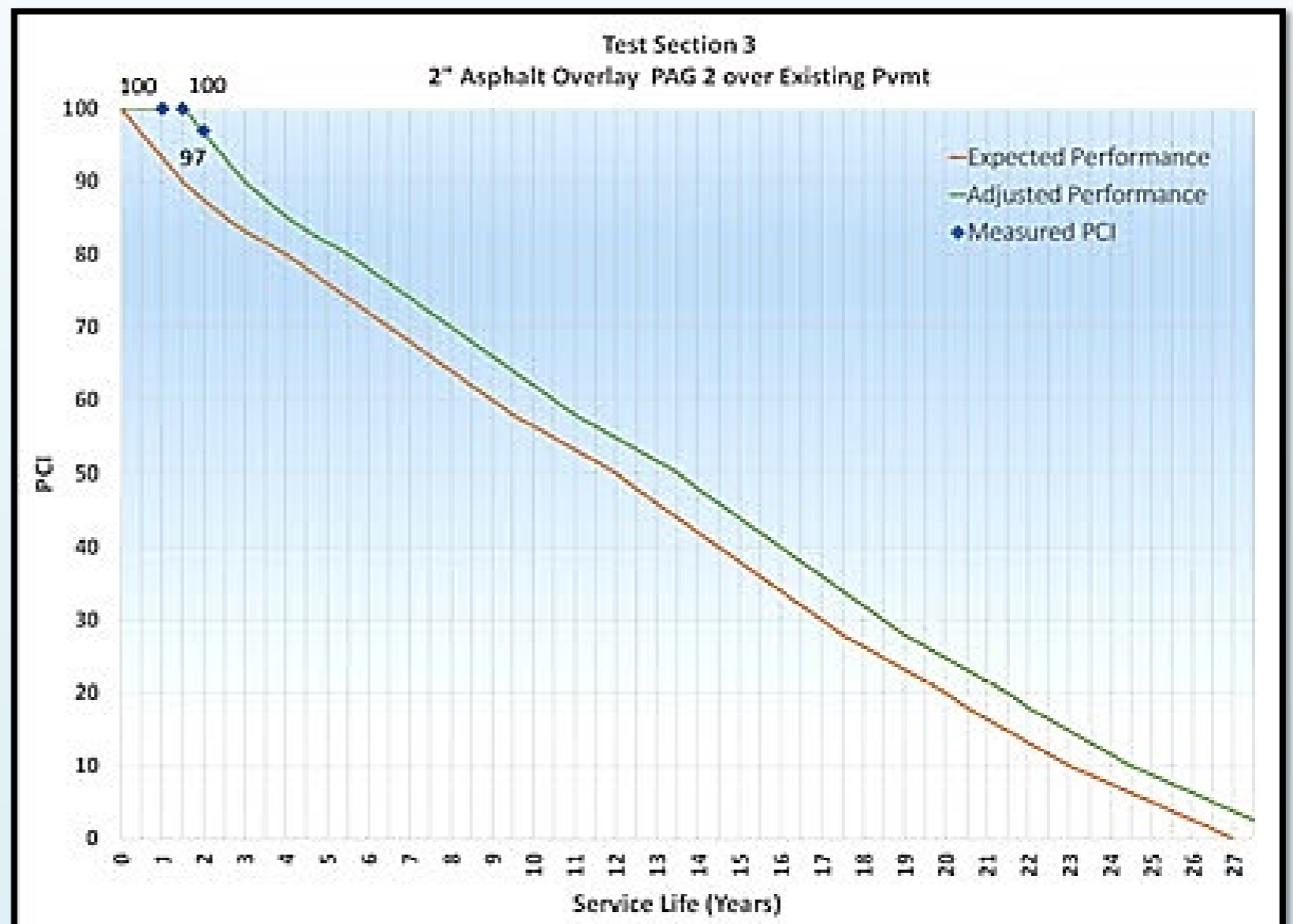
Fog seal, double chip class 1, pulverized and recompact 6" with 2 lbs. of cement/sf



San Joaquin Pavement Treatment Testing

OBSERVATION #4

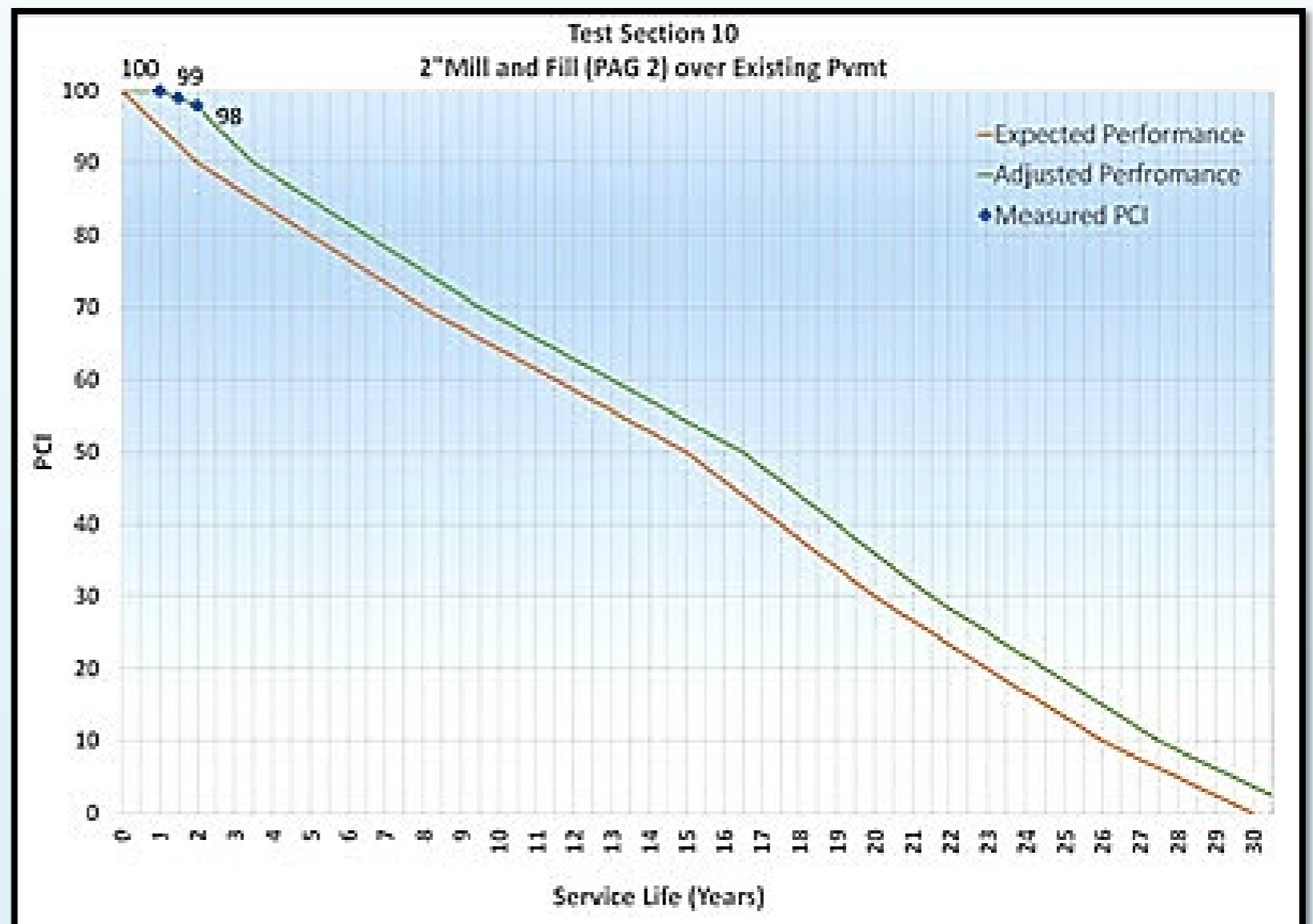
To date, the best value for road repair of failed local roads is found in 2" asphalt overlay (PAG 2) over existing pavement and...



San Joaquin Pavement Treatment Testing

OBSERVATION #5

...also in
2" mill and fill
(PAG 2) over
existing pavement



San Joaquin Pavement Treatment Testing

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.

Matt Sierras

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Webpage for San Joaquin Pavement Treatment Test:

<https://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=425684>