

Asphaltic Concrete (AC) Thinlay

December 2019 – Finalized AC Thinlay Specification

Conditions for Application of Thinlay Overlays

- Non-failed roadways
- Low to moderate traffic and truck volume
- Limited structural fatigue
- Non-structural rutting up to 1/2" in depth
- Crack widths generally less than 1/4" in width
- Raveled or rough asphalt surface

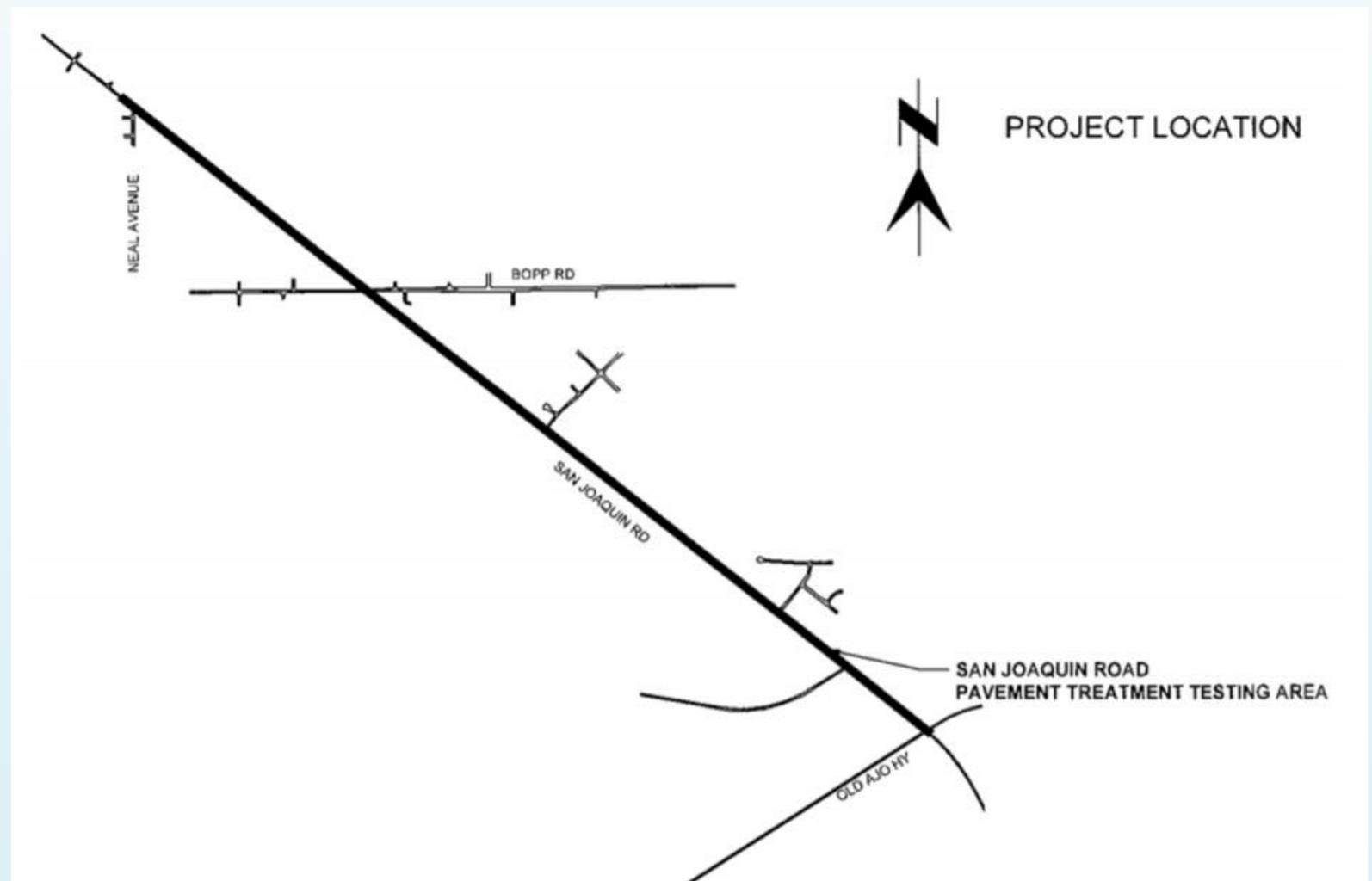
Asphaltic Concrete (AC) Thinlay

- FY 20 funding expended on failed roadways, AC Thinlay not a consideration
- Thinlay option is now part of StreetSaver Decision Tree
- FY 21 continue addressing failed roadways, AC Thinlay not proposed for this year

San Joaquin Pavement Treatment Test

14 Different Pavement Treatments

- 4.3 miles
- 1,000 Ft Test Sections



San Joaquin Pavement Treatment Test

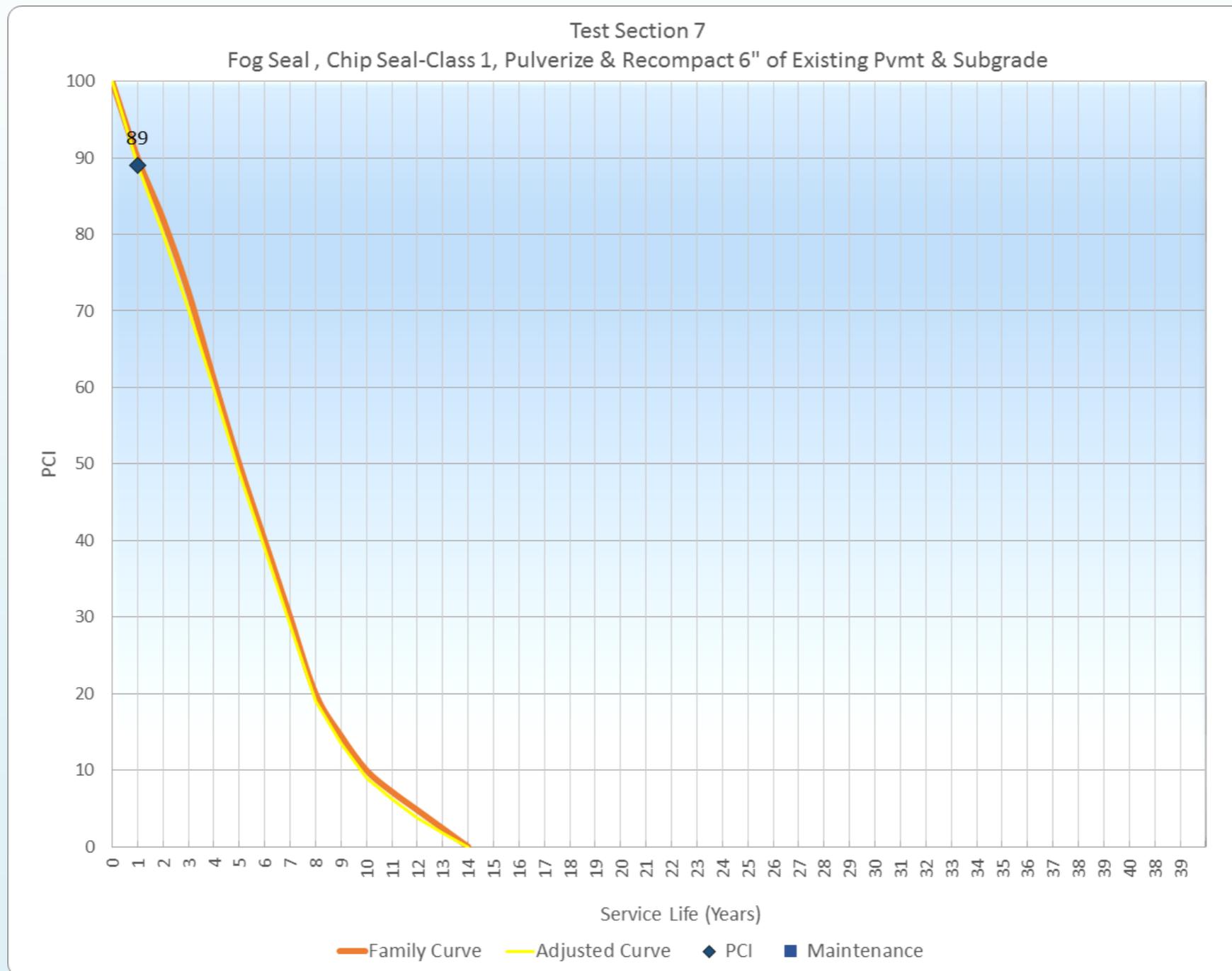
- Infrastructure Management Services (IMS) under contract to conduct pavement condition assessment of the test sections in September 2020 and first part of 2021.
- Treatment-specific curves will be developed based on data from evaluation
- Performance curves will be correlated against longer-term national research data for treatment type

San Joaquin Pavement Treatment Test

- Treatment curves will be controlled to account for minor localized variations in soil or drainage conditions.
- Currently, treatment curves have one data point
- Rank treatment benefit-cost projection based on standardized return on investment criteria

San Joaquin Pavement Treatment Test

Example of Performance Curve



Discussion

Webpage for San Joaquin Pavement Treatment Test:
<https://webcms.pima.gov/cms/One.aspx?portalId=169&pageId=425684>