

PaveM Tools: Maps

Frequently Asked Questions (FAQs) *(Updated January 2017)*

1. How is the current Pavement Condition determined?

The current pavement condition is based on the 2015 Automated Pavement Condition Survey (ACPS) data collected annually. PaveM segments the raw 0.1-mile APCS data into management segments that are roughly 0.817 mi long. Segmentation rules are applied to report the pavement condition at management segment (or fine segment) level.

2. How does PaveM predict pavement condition?

PaveM predicts condition of each management segment (fine segment) using performance models. UC Davis Pavement Research Center (UCPRC) developed performance models for all combinations of traffic volumes (defined thresholds), pavement types, and climate regions.

The pavement condition maps are generated from PaveM scenario #1698 results. This scenario ages the 2015 condition at a fine segment (roughly 0.817 mi) level based on PaveM's performance models.

3. Does this map show an average condition of all lanes in a given direction?

No. Condition data is for the outside lane only with the assumption that the outside lane has the worst condition.

4. Why are some routes or segments missing condition information?

Lane miles with missing condition information are treated as unknown lane miles in PaveM. Effort is being made to impute using latest available data to avoid missing lane miles.

5. Why is the 2026 map showing so much severe distress even when my district has planned projects before 2026? Where are my planned projects for 2017 SHOPP Ten Year Plan?

The pavement condition maps show the results of a scenario where no pavement dollars are spent beyond the currently programmed State Highway Operation and Protection Program (SHOPP) and current Highway Maintenance (HM) projects. This scenario does not include any planned projects. The intent of the maps is to present the predicted condition in each of the future years to aid the districts in quickly identifying the hot spots by year and planning their SHOPP Ten Year Plan (TYP) projects and HM Five Year Plan (FYP) projects.