

**WAC 136-70-040 Pavement management system requirements.** Each county's PMS shall meet the following minimum standards:

(1) All county jurisdiction paved collectors and arterials, as defined by the most recently approved county road log as described in chapter 136-60 WAC, shall be surveyed for visual pavement distress at least biennially. Distress rating information must be keyed to the county road log by both road number and mileposts.

(2) All visual distresses (or defects) for both flexible and rigid pavements, both in severity and extent, shall be as defined within the "Pavement Surface Condition Rating Manual" (March 1992, produced by the Washington state transportation center in cooperation with the northwest pavement management systems users group and the Washington state department of transportation). Only those distresses noted as "core program defect" are required to be surveyed. Measurement may be at the project, segment, or sample unit level. Measurement for each distress will be by one of the following:

(a) Selection of the most predominant severity and extent combination; or

(b) Determination of the extent percent of each level of severity.

Measurement may be by a manual or automated visual condition rating process. The distress information will be converted to a pavement condition rating in accordance with a standard deduct matrix or continuous deduct value curves as provided by the county road administration board. Alternate deduct matrices may be used by a county for internal management analyses. Alternate distress determination and evaluation methodologies may be used if approved by the county road administration board in accordance with WAC 136-70-050. The PMS shall provide for the recording and storage of pavement resurfacing, rehabilitation and reconstruction history data, including surfacing and base layer types and thicknesses, and year of application. Counties will not be required to determine such information for any work done prior to the county's implementation date.

(3) The PMS shall include a future pavement condition prediction model that uses the periodic pavement condition distress data to forecast future pavement condition and to determine an estimate of service life.

(4) The PMS shall provide for annual downloading to the county road administration board of one of the following for all paved collectors and arterials surveyed for pavement condition in the previous twelve months:

(a) The individual pavement distresses;

(b) The resultant pavement condition rating based on the standard deduct matrix provided by the county road administration board; or

(c) The resultant pavement condition rating for an approved alternative PMS as described in WAC 136-70-050.

Such downloading shall be called the pavement condition data file. It shall be keyed to the county road log, and shall be transmitted in the electronic medium and format specified by the county road administration board, along with the annual road log update required by chapter 136-60 WAC.

[Statutory Authority: Chapter 36.78 RCW. WSR 14-17-035, § 136-70-040, filed 8/13/14, effective 9/13/14. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-040, filed 12/7/98, effective 1/7/99.]