Chapter 136-70 WAC
STANDARDS OF GOOD PRACTICE—PAVEMENT MANAGEMENT SYSTEM REQUIREMENT FOR COUNTY ARTERIAL PRESERVATION PROGRAM ELIGIBILITY

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WAC

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WAC 136-70-010 Purpose and authority. RCW 46.68.090 authorizes the county road administration board to adopt rules for administering the county arterial preservation account, including the requirement that each county implement a pavement management system. This chapter outlines the method by which the use of a pavement management system will be assured.

[Statutory Authority: Chapter 36.78 RCW. WSR 14-17-035, § 136-70-010, filed 8/13/14, effective 9/13/14. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-010, filed 12/7/98, effective 1/7/99.]

WAC 136-70-020 Definition. A pavement management system (PMS) is a systematic method used to manage the preservation, rehabilitation, and maintenance of paved road systems by analyzing pavement life cycles, to assess overall system performance and costs, and to determine the alternative strategies and costs necessary to prevent significant road deterioration. A key element of a PMS is its ability to provide pavement preservation alternatives based upon a predictive pavement deterioration model.

[Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-020, filed 12/7/98, effective 1/7/99.]

WAC 136-70-030 Application. A pavement management system shall be used by all counties to guide the pavement preservation and rehabilitation activities on all county paved collector and arterial roads. Beginning January 1, 1996, each county shall utilize a computer-based PMS meeting the requirements of WAC 136-70-040 on all county paved collector and arterial roads in order to retain eligibility for CAPP funds. Application of the PMS to the local access system will not be required to retain eligibility for CAPP funds.

[Statutory Authority: Chapter 36.78 RCW. WSR 14-17-035, § 136-70-030, filed 8/13/14, effective 9/13/14. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-030, filed 12/7/98, effective 1/7/99.]

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.

While not required, counties are encouraged to survey for visual distress on all paved local roads every four years.

(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). Measurement may be at the project, segment, or sample unit level.

Measurement may be by a manual or automated visual condition rating process. The distress information shall be converted to a pavement condition rating or index. 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.

(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 submittal 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 numerical value and a rating of good, fair, or poor. The good, fair, or poor methodology shall be reviewed and approved by the county road administration board prior to implementation by a county. The annual submittal 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: RCW 36.78.070. WSR 25-22-094, s 136-70-040, filed 11/4/25, effective 12/5/25. 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.]

WAC 136-70-050 Demonstration and approval of pavement management system. Any PMS distress determination and evaluation methodologies, processes or systems may be used if they yield pavement condition ratings comparable to the process described in WAC 136-70-040. Counties must satisfactorily demonstrate to the county road administration board that their county's chosen process is based on sound pavement engineering principles and is comparable in quality and scale through research results, documented conversion equations, statistical sampling, or other methods.

[Statutory Authority: RCW 36.78.070. WSR 25-22-094, s 136-70-050, filed 11/4/25, effective 12/5/25. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-050, filed 12/7/98, effective 1/7/99.]

WAC 136-70-060 Statewide pavement condition data file. The county road administration board shall maintain a pavement condition data file, organized by county, containing the pavement condition ratings as provided annually by each county.

[Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-060, filed 12/7/98, effective 1/7/99.]

WAC 136-70-070 Annual review. On an annual basis, beginning in calendar year 1993, the executive director of the county road administration board shall review the implementation of and, beginning in calendar year 1995, the compliance with, the requirements of WAC 136-70-040 and report the results to the county road administration board.

[Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-070, filed 12/7/98, effective 1/7/99.]

WAC 136-70-080 County road administration board assistance. To assist each county to meet its eligibility requirements, the county road administration board shall a provide PMS software option and training for that option. Should a county utilize an alternative PMS software option, the county road administration board will not offer training in the use of that alternative PMS software.

[Statutory Authority: RCW 36.78.070. WSR 25-22-094, s 136-70-080, filed 11/4/25, effective 12/5/25. Statutory Authority: Chapter 36.78 RCW. WSR 14-17-035, § 136-70-080, filed 8/13/14, effective 9/13/14. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-080, filed 12/7/98, effective 1/7/99.]

WAC 136-70-090 Use of pavement management system data for distribution of county arterial preservation account funds. The results and/or data from the individual or collective county pavement management systems will not be used to distribute CAPA funds nor to establish priorities for specific projects or otherwise alter the statutory fund distribution. Said results and/or data will be used to evaluate regional or statewide collector and arterial preservation and rehabilitation needs and to demonstrate compliance with the enabling legislation.

[Statutory Authority: Chapter 36.78 RCW. WSR 14-17-035, § 136-70-090, filed 8/13/14, effective 9/13/14. Statutory Authority: Chapter 36.79 RCW. WSR 99-01-021, § 136-70-090, filed 12/7/98, effective 1/7/99.]