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(e) For any bridge in the inventory or subset thereof, BMS reporting requirements shall include, but are not limited to, percentage of non-deficient bridges.

§971.212 Federal lands safety management system (SMS).

In addition to the requirements provided in §971.204, the SMS must meet the following requirements:

(a) The tri-party partnership shall have an SMS for transportation systems providing access to and within National Forests and Grasslands, and funded under the FLHP.

(b) The SMS may be based on the guidance in “Safety Management Systems: Good Practices for Development and Implementation.”³

(c) The tri-party partnership shall utilize SMS to ensure that safety is considered and implemented, as appropriate, in all phases of transportation system planning, design, construction, maintenance, and operations.

(d) The SMS may be utilized at various levels of complexity depending on the nature of the facility and/or network involved.

(e) The SMS shall be designed to fit the FH program goals, policies, criteria, and needs and shall contain the following components:

(1) An ongoing program for the collection, maintenance, and reporting of a database that includes:

(i) Accident records with detail for analysis such as accident type using standard reporting descriptions (e.g., right-angle, rear-end, head-on, pedestrian-related, etc.), location, description of event, severity, weather, and cause;

(ii) An inventory of safety appurtenances such as signs, delineators, and guardrails (including terminals);

(iii) Traffic information including volume and vehicle classification (as appropriate); and

(iv) Accident rates by customary criteria such as location, roadway classification, and vehicle miles of travel.

(2) Development, establishment, and implementation of procedures for:

(i) Where appropriate, routine maintenance and upgrading of safety appurtenances including highway rail crossing safety devices, signs, highway elements, and operational features,

(ii) Identifying, investigating, and analyzing hazardous or potentially hazardous transportation system safety problems, roadway locations, and features;

(iii) Establishing countermeasures and setting priorities to correct the identified hazards and potential hazards.

(3) Identification of focal points for all contacts at State, regional, tribal, and local levels to coordinate, develop, establish, and implement the SMS among the agencies.

(f) While the SMS applies to appropriate transportation systems providing access to and within National Forests and Grasslands funded under the FLHP, the extent of system requirements (e.g., data collection, analyses, and standards) for low volume roads may be tailored to be consistent with the functional classification of the roads. However, adequate requirements should be included for each roadway to provide for effective inclusion of safety decisions in the administration of the FH program.

§971.214 Federal lands congestion management system (CMS).

(a) For purposes of this section, congestion means the level at which transportation system performance is no longer acceptable due to traffic interference. For portions of the FH network outside the boundaries of TMAs, the tri-party partnership shall:

(1) Develop criteria to determine when a CMS is to be implemented for a specific FH; and

(2) Have CMS coverage for the transportation systems providing access to and within National Forests, as appropriate, that meet minimum CMS criteria.

(b) The tri-party partnership shall consider the results of the CMS when

³“Safety Management Systems: Good Practices for Development and Implementation,” FHWA and NHTSA, May 1996, may be obtained at the FHWA, Office of Safety, Room 3407, 400 Seventh St., SW., Washington, DC 20590, or electronically at <http://safety.fhwa.dot.gov/media/documents.htm>. It is available for inspection and copying as prescribed at 49 CFR part 7.

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selecting the implementation of strategies that provide the most efficient and effective use of existing and future transportation facilities.

(c) In addition to the requirements provided in § 971.204, the CMS must meet the following requirements:

(1) For those FH transportation systems that require a CMS, in both metropolitan and non-metropolitan areas, consideration shall be given to strategies that reduce private automobile travel and improve existing transportation efficiency. Approaches may include the use of alternative mode studies and implementation plans as components of the CMS.

(2) A CMS will:

- (i) Identify and document measures for congestion (e.g., level of service);
- (ii) Identify the causes of congestion;
- (iii) Include processes for evaluating the cost and effectiveness of alternative strategies to manage congestion;
- (iv) Identify the anticipated benefits of appropriate alternative traditional and nontraditional congestion management strategies;
- (v) Determine methods to monitor and evaluate the performance of the multi-modal transportation system; and
- (vi) Appropriately consider the following example categories of strategies, or combinations of strategies for each area:
 - (A) Transportation demand management measures;
 - (B) Traffic operational improvements;
 - (C) Public transportation improvements;
 - (D) ITS technologies; and
 - (E) Additional system capacity.

PART 972—FISH AND WILDLIFE SERVICE MANAGEMENT SYSTEMS

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Subpart A—Definitions

§ 972.100 Purpose.

The purpose of this subpart is to provide definitions for terms used in this part.

§ 972.102 Applicability.

The definitions in this subpart are applicable to this part, except as otherwise provided.

§ 972.104 Definitions.

Alternative transportation systems means modes of transportation other than private vehicles, including methods to improve system performance such as transportation demand management, congestion management, and intelligent transportation systems. These mechanisms help reduce the use of private vehicles and thus improve overall efficiency of transportation systems and facilities.

Elements mean the components of a bridge important from a structural, user, or cost standpoint. Examples are decks, joints, bearings, girders, abutments, and piers.

Federal lands bridge management system (BMS) means a systematic process used by the Forest Service (FS), the Fish and Wildlife Service (FWS) and the National Park Service (NPS) for analyzing bridge data to make forecasts and recommendations, and provides the means by which bridge maintenance, rehabilitation, and replacement programs and policies may be effectively considered.

Federal lands congestion management system (CMS) means a systematic process used by the FS, FWS and NPS for