

## § 777.5

U.S. Code, as eligible for participation with title 23, U.S. Code, funds.

(c) 33 CFR parts 320 through 330, Regulatory Program, U.S. Army Corps of Engineers; Section 404, Clean Water Act and 40 CFR part 230, Section 404(b)(1) Guidelines for the Specification of Disposal Sites for Dredged or Fill Material, establish requirements for the permitting of discharge of dredge or fill material in wetlands and other waters of the United States.

(d) Federal Guidance for the Establishment, Use, and Operation of Mitigation Banks presents guidance for the use of ecological mitigation banks as compensatory mitigation in the Section 404 Regulatory Program for unavoidable impacts to wetlands and other aquatic resources.

(e) Interagency Cooperation—Endangered Species Act of 1973, as amended (50 CFR part 402), presents regulations establishing interagency consultation procedures relative to impacts to species listed under the authority of the Act and their habitats as required by Section 7, Interagency Coordination, of the Endangered Species Act of 1973 (16 U.S.C. 1536).

### § 777.5 Federal participation.

(a) Those measures which the FHWA and a State DOT find appropriate and necessary to mitigate adverse environmental impacts to wetlands and natural habitats are eligible for Federal participation where the impacts are the result of projects funded pursuant to title 23, U.S. Code. The justification for the cost of proposed mitigation measures should be considered in the same context as any other public expenditure; that is, the proposed mitigation represents a reasonable public expenditure when weighed against other social, economic, and environmental values, and the benefit realized is commensurate with the proposed expenditure. Mitigation measures shall give like consideration to traffic needs, safety, durability, and economy of maintenance of the highway.

(b) It is FHWA policy to permit, consistent with the limits set forth in this part, the expenditure of title 23, U.S. Code, funds for activities required for the planning, design, construction, monitoring, and establishment of wet-

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lands and natural habitat mitigation projects, and acquisition of land or interests therein.

### § 777.7 Evaluation of impacts.

(a) The reasonableness of the public expenditure and extent of Federal participation with title 23, U.S. Code, funds shall be directly related to:

(1) The importance of the impacted wetlands and natural habitats;

(2) The extent of highway impacts on the wetlands and natural habitats, as determined through an appropriate, interdisciplinary, impact assessment; and

(3) Actions necessary to comply with the Clean Water Act, Section 404, the Endangered Species Act of 1973, and other relevant Federal statutes.

(b) Evaluation of the importance of the impacted wetlands and natural habitats shall consider:

(1) Wetland and natural habitat functional capacity;

(2) Relative importance of these functions to the total wetland or natural habitat resource of the area;

(3) Other factors such as uniqueness, esthetics, or cultural values; and

(4) Input from the appropriate resource management agencies through interagency coordination.

(c) A determination of the highway impact should focus on both the short- and long-term effects of the project on wetland or natural habitat functional capacity, consistent with 40 CFR part 1500, 40 CFR 1502.16, 33 CFR 320.4, and the FHWA's environmental compliance regulations, found at 23 CFR part 771.

### § 777.9 Mitigation of impacts.

(a) Actions eligible for Federal funding. There are a number of actions that can be taken to minimize the impact of highway projects on wetlands or natural habitats. The following actions qualify for Federal-aid highway funding:

(1) Avoidance and minimization of impacts to wetlands or natural habitats through realignment and special design, construction features, or other measures.

(2) Compensatory mitigation alternatives, either inside or outside of the right-of-way. This includes, but is not limited to, such measures as on-site

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mitigation, when that alternative is determined to be the preferred approach by the appropriate regulatory agency; improvement of existing degraded or historic wetlands or natural habitats through restoration or enhancement on or off site; creation of new wetlands; and under exceptional circumstances, preservation of existing wetlands or natural habitats on or off site. Restoration of wetlands is generally preferable to enhancement or creation of new wetlands.

(3) Improvements to existing wetlands or natural habitats. Such activities may include, but are not limited to, construction or modification of water level control structures or ditches, establishment of natural vegetation, re-contouring of a site, installation or removal of irrigation, drainage, or other water distribution systems, integrated pest management, installation of fencing, monitoring, and other measures to protect, enhance, or restore the wetland or natural habitat character of a site.

(4) Mitigation banks. In accordance with all applicable Federal law (including regulations), with respect to participation in compensatory mitigation related to a project funded under title 23, U.S. Code, that has an impact on wetlands or natural habitat occurring within the service area of a mitigation bank, preference shall be given, to the maximum extent practicable, to the use of the mitigation bank, if the bank contains sufficient available credits to offset the impact and the bank is approved in accordance with the Federal Guidance for the Establishment, Use, and Operation of Mitigation Banks, or other agreement between appropriate agencies.

(b) Mitigation banking alternatives eligible for participation with Federal-aid funds including such measures as the following:

(1) Mitigation banks in which mitigation credits are purchased by State DOTs to mitigate impacts to wetlands or natural habitats due to projects funded under title 23, U.S. Code, including privately owned banks or those established with private funds to mitigate wetland or natural habitat losses.

(2) Single purpose banks established by and for the use of a State DOT with

Federal-aid participation; or multipurpose publicly owned banks, established with public, non-title 23 Federal highway funds, in which credits may be purchased by highway agencies using title 23 highway funds on a per-credit basis.

(c) Contributions to statewide and regional efforts to conserve, restore, enhance and create wetlands or natural habitats. Federal-aid funds may participate in the development of statewide and regional wetlands conservation plans, including any efforts and plans authorized pursuant to the Water Resources Development Act of 1990 (Pub. L. 101-640, 104 Stat. 4604). Contributions to these efforts may occur in advance of project construction only if such efforts are consistent with all applicable requirements of Federal law and regulations and State transportation planning processes.

(d) Mitigation or restoration of historic impacts to wetlands and natural habitats caused by past highway projects funded pursuant to title 23, U.S. Code, even if there is no current federally funded highway project in the immediate vicinity. These impacts must be related to transportation projects funded under the authority of title 23, U.S. Code.

### § 777.11 Other considerations.

(a) The development of measures proposed to mitigate impacts to wetlands or natural habitats shall include consultation with appropriate State and Federal agencies.

(b) Federal-aid funds shall not participate in the replacement of wetlands or natural habitats absent sufficient assurances, such as, but not limited to, deed restrictions, fee ownership, permanent easement, or performance bond, that the area will be maintained as a wetland or natural habitat.

(c) The acquisition of proprietary interests in replacement wetlands or natural habitats as a mitigation measure may be in fee simple, by easement, or by other appropriate legally recognized instrument, such as a banking instrument legally approved by the appropriate regulatory agency. The acquisition of mitigation credits in wetland or natural habitat mitigation banks shall