

§ 420.121

23 CFR Ch. I (4–1–01 Edition)

(f) Payment shall be made in accordance with the provisions of 49 CFR 18.21.

§ 420.121 Other requirements.

(a) The financial management systems of the STAs and their subrecipients shall be in accordance with the provisions of 49 CFR 18.20(a).

(b) Program income, as defined in 49 CFR 18.25(b), shall be shown and deducted to determine the net costs on which the FHWA share will be based, unless an alternative method for using program income is specified in the Federal-Aid Project Agreement.

(c) Audits shall be performed in accordance with 49 CFR 18.26 and 49 CFR Part 90.

(d) Acquisition, use, and disposition of equipment purchased by the STAs and their subrecipients with FHWA planning and research funds shall be in accordance with 49 CFR 18.32(b).

(e) Acquisition and disposition of supplies acquired by the STAs and their subrecipients with FHWA planning and research funds shall be in accordance with 49 CFR 18.33.

(f) In accordance with 49 CFR 18.34, STAs and their subrecipients may copyright any books, publications, or other copyrightable materials developed in the course of the FHWA planning and research funded project. The FHWA reserves a royalty-free, non-exclusive and irrevocable right to reproduce, publish, or otherwise use, and to authorize others to use, the work for Government purposes.

(g) Procedures for the procurement of property and services with FHWA planning and research funds by the STAs and their subrecipients shall be in accordance with 49 CFR 18.36(a) and, if applicable, 18.36(t). The STAs and their subrecipients shall not use FHWA funds for procurements from persons (as defined in 49 CFR 29.105) who have been debarred or suspended in accordance with the provisions of 49 CFR Part 29, subparts A through E.

(h) The STAs shall follow State laws and procedures when awarding and administering subgrants to MPOs and local governments and shall ensure that the requirements of 49 CFR 18.37(a) have been satisfied. STAs shall have primary responsibility for admin-

istering FHWA planning and research funds passed through to subrecipients, for ensuring that such funds are expended for eligible activities, and for ensuring that the funds are administered in accordance with this part, 49 CFR Part 18, and applicable cost principles.

(i) Recordkeeping and retention requirements shall be in accordance with 49 CFR 18.42.

(j) The STAs and their subrecipients are subject to the provisions of 37 CFR Part 401 governing patents and inventions and shall include, or incorporate by reference, the standard patent rights clause at 37 CFR 401.14, except for § 401.14(g), in all subgrants or contracts. In addition, STAs and their subrecipients shall include the following clause, suitably modified to identify the parties, in all subgrants or contracts, regardless of tier, for experimental, developmental or research work: “The subgrantee or contractor will retain all rights provided for the State in this clause, and the State will not, as part of the consideration for awarding the subgrant or contract, obtain rights in the subgrantee’s or contractor’s subject inventions.”

(k) In accordance with the provisions of 49 CFR Part 29, subpart F, STAs shall certify to the FHWA that they will provide a drug free workplace. This requirement can be satisfied through the annual certification for the Federal-aid highway program.

(l) The provisions of 49 CFR Part 20 regarding restrictions on influencing certain Federal activities are applicable to all tiers of recipients of FHWA planning and research funds.

(m) The nondiscrimination provisions of 23 CFR Parts 200 and 230 and 49 CFR Part 21, with respect to Title VI of the Civil Rights Act of 1964 and the Civil Rights Restoration Act of 1987, apply to all programs and activities of recipients, subrecipients, and contractors receiving FHWA planning and research funds whether or not those programs or activities are federally funded.

(n) The STAs shall administer the transportation planning and RD&T program(s) consistent with their overall efforts to implement section 1003(b)

of the Intermodal Surface Transportation Efficiency Act of 1991 (Pub. L. 102-240, 105 Stat. 1914) and 49 CFR Part 23 regarding disadvantaged business enterprises.

(o) States and their subrecipients shall administer subgrants to universities, hospitals, and other non-profit organizations in accordance with the administrative requirements of OMB Circular A-110 as implemented by the U.S. DOT in 49 CFR Part 19, Uniform Administrative Requirements for Grants and Agreements with Institutions of Higher Education, Hospitals, and Other Non-Profit Organizations.

(p) Reports and other documents prepared under FHWA planning and research funded grants or subgrants awarded after August 22, 1994, must be in metric units.

Subpart B—Research, Development and Technology Transfer Program Management

§ 420.201 Purpose and applicability.

The purpose of this subpart is to implement the provisions of 23 U.S.C. 307 and to prescribe Federal assistance requirements for research, development, and technology transfer (RD&T) activities, programs, and studies undertaken by States with FHWA planning and research funds. The requirements of this subpart and subpart A of this part are applicable to work performed by the States and their subrecipients with FHWA planning and research funds.

§ 420.203 Definitions.

Unless otherwise specified in this part, the definitions in 23 U.S.C. 101(a) and Part 420, subpart A, are applicable to this subpart. As used in this subpart:

Applied research means the study of phenomena relating to a specific known need in connection with the functional characteristics of a system; the primary purpose of this kind of research is to answer a question or solve a problem.

Basic research means the study of phenomena whose specific application has not been identified; the primary purpose of this kind of research is to increase knowledge.

Cooperatively funded study means an RD&T study or activity, administered

by the FHWA, a lead State, or other agency, that is funded by some combination of a State's contribution of FHWA planning and research funds, FHWA administrative contract funds, 100 percent State funds, or funds from other Federal agencies.

Development means the translation of basic or applied research results into prototype materials, devices, techniques, or procedures for the practical solution of a specific problem in transportation.

Final report means a report documenting a completed RD&T study or activity.

Intermodal RD&T means research, development, and technology transfer activities involving more than one mode of transportation including transfer facilities between modes.

National Cooperative Highway Research Program (NCHRP) means the cooperative RD&T program directed toward solving problems of national or regional significance identified by States and the FHWA, and administered by the Transportation Research Board, National Academy of Sciences.

Peer review means a review conducted by persons who are knowledgeable of the management and operation of RD&T programs. This may include but is not limited to representatives of another State, the FHWA, American Association of State Highway and Transportation Officials, Transportation Research Board (TRB), universities or the private sector.

RD&T activity means a basic or applied research, development, or technology transfer project or study.

Research means a systematic controlled inquiry involving analytical and experimental activities which primarily seek to increase the understanding of underlying phenomena. Research can be basic or applied.

Technology transfer means those activities that lead to the adoption of a new technique or product by users and involves dissemination, demonstration, training, and other activities that lead to eventual innovation.

Transportation Research Information Services (TRIS) means the TRB-maintained computerized storage and retrieval system for abstracts of ongoing