

## DEPARTMENT OF TRANSPORTATION

<b>CFDA 20.205</b>	<b>HIGHWAY PLANNING AND CONSTRUCTION (Federal-Aid Highway Program)</b>
<b>CFDA 20.219</b>	<b>RECREATIONAL TRAILS PROGRAM</b>
<b>CFDA 20.224</b>	<b>FEDERAL LANDS ACCESS PROGRAM</b>
<b>CFDA 23.003</b>	<b>APPALACHIAN DEVELOPMENT HIGHWAY SYSTEM</b>

### I. PROGRAM OBJECTIVES

The objectives of the Highway Planning and Construction Cluster are to (1) assist States, tribal governments, and Federal land management agencies in the planning and development of an integrated, interconnected transportation system important to interstate commerce and travel by constructing, rehabilitating, and preserving the National Highway System (NHS), including Interstate highways, and other Federal-aid highways ; (2) provide aid for the repair of Federal-aid highways following disasters; (3) foster safe highway design and improve bridge conditions; (4) to support community-level transportation infrastructure; and (5) to provide for other special purposes. This cluster also provides for the improvement of roads in the District of Columbia, Puerto Rico, Guam, the United States Virgin Islands, American Samoa, and the Commonwealth of the Northern Mariana Islands, and on the Appalachian Development Highway System (ADHS). The objective of the ADHS program is to provide a highway system which, in conjunction with other federally aided highways, will open up areas with development potential within the Appalachian region where commerce and communication have been inhibited by lack of adequate access.

### II. PROGRAM PROCEDURES

Federal-aid highway funds are generally apportioned by statutory formulas to the States and generally restricted to use on Federal-aid highways (i.e., roads open to the public and not functionally classified as local or rural minor collector roads). Exceptions to the use on Federal-aid highways include (1) planning and research activities; (2) bridge and safety improvements, which may be on any public road; (3) highway safety improvement projects, bicycle and pedestrian projects, transportation alternatives, and recreational trails projects, which may be located along any road or off road; and (4) projects funded under the Federal Lands and Tribal Transportation Program (FLTTP). Some limited categories of funds may be granted directly to other Federal agencies, tribal governments, other State agencies, or Local Public Agencies (LPAs), such as cities, counties, Metropolitan Planning Organizations (MPOs), and other political subdivisions. States also may pass funds through to such agencies, but the States retain overall stewardship responsibility. While each category of funds has individual eligibility requirements, in general Federal-aid funds may be used for (1) surveying; (2) engineering studies and design; (3) environmental studies; (4) right-of-way acquisition and relocation assistance; (5) capital improvements classified as new construction or reconstruction; (6) improvements for functional, geometric, or safety reasons; (7) 4R projects (restoration, rehabilitation, resurfacing, and reconstruction); (8) preservation; (9) planning; research, development, and technology transfer; (10) intelligent transportation systems projects; (11) roadside beautification; (12) vegetation management; (13) wetland and natural habitat mitigation; (14) traffic management and control improvements; (15) improvements necessary to accommodate other

transportation modes; (16) development and establishment of transportation management systems; (17) billboard removal; (18) fringe and corridor parking; (19) car pool and van pool projects; (20) historic preservation and rehabilitation of historic transportation facilities; (21) scenic and historic highway improvements; (22) inspection and evaluation of bridges, tunnels, and other highway assets; (23) asset management; (24) construction of ferry boats, ferry terminal facilities, and approaches to such facilities; (25) highway safety improvement projects; (26) bicycle and pedestrian projects; (27) transportation alternatives; (28) recreational trails; and (29) workforce development, training, and education. These funds generally cannot be used for routine highway operational activities, such as police patrols, mowing, snow plowing, or maintenance, unless it is preventative maintenance. Also, certain authorizations (e.g., FLTP, National Highway Performance Program (NHPP), Surface Transportation Block Grant (STBG) Program, or Congestion Mitigation and Air Quality (CMAQ) Improvement Program) may be used for improvements to transit. CMAQ funds are for transportation projects and programs in air quality, nonattainment and maintenance areas for ozone, carbon monoxide, and particulate matter, which reduce transportation related emissions, though provision is made for States without air quality issues. ADHS projects are subject to the same standards, specifications, policies, and procedures as other Federal-aid highway projects. Eligibility criteria for the programs differ, so program guidance should be consulted.

Projects in urban areas of 50,000 or more population must be based on a transportation planning process, carried out by the MPOs in cooperation with the State and transit operators, and be included in the metropolitan long-range plan and the Transportation Improvement Program for the area. Projects in nonmetropolitan areas of a State must be consistent with the State's Transportation Plan. All Federal-aid projects must also be included in the approved Statewide Transportation Improvement Program (STIP) developed as part of the required statewide transportation planning process. The Federal Highway Administration (FHWA) and Federal Transit Administration (FTA) must approve the STIP jointly.

Until FY 2013, the ADHS was a cost-to-complete program (i.e., funding was provided over time to complete the approved initial construction/upgrading of the system) authorized by Section 201 of the Appalachian Regional Development Act of 1965. The Moving Ahead for Progress in the 21st Century Act (MAP-21) (Pub. L. No. 112-141) did not provide dedicated funding for the ADHS, but did make ADHS activities eligible under the NHPP and STBG programs. The Appalachian Regional Commission (ARC) has programmatic oversight responsibilities, which include approval of the location of the corridors and of State-generated estimates of the cost to complete the ADHS. The FHWA has project-level oversight responsibilities for the ADHS program. If the location, scope, and character of proposed ADHS projects are in agreement with the latest approved cost-to-complete estimate and all Federal requirements have been satisfied, FHWA authorizes the work with the ADHS funds. FHWA provides oversight of the ADHS as part of its Risk-Based Stewardship and Oversight program.

The Federal Lands Access Program (FLAP) was established under the MAP-21 and continued under the Fixing America's Surface Transportation (FAST) Act (Pub. L. No. 114-94) (23 USC 204). The program makes funds available for projects that provide access to, are adjacent to, or are located within Federal lands. Priority is given to projects accessing high-use Federal recreation sites or Federal economic generators, as identified by the Secretaries of the appropriate Federal land management agencies.

**Source of Governing Requirements**

The primary sources of program requirements are 23 USC (Highways). Implementing regulations are found in 23 CFR (Highways) and 49 CFR (Transportation).

**Availability of Other Program Information**

The FHWA maintains a website that provides program laws, regulations, and other general information (<http://www.fhwa.dot.gov/>).

**III. COMPLIANCE REQUIREMENTS**

**In developing the audit procedures to test compliance with the requirements for this Federal program, the auditor must determine, from the following summary (also included in Part 2, “Matrix of Compliance Requirements”), which of the 12 types of compliance requirements apply, and then determine which of the applicable requirements is likely to have a direct and material effect on the Federal program at the auditee. For each such requirement, the auditor must use Part 3 (which includes generic details about each compliance requirement other than Special Tests and Provisions) and this program supplement (which includes any program-specific requirements) to perform the audit.**

Compliance Requirements											
A	B	C	E	F	G	H	I	J	L	M	N
Activities Allowed or Unallowed	Allowable Costs/Cost Principles	Cash Management	Eligibility	Equipment/Real Property Management	Matching, Level of Effort, Earmarking	Period of Performance	Procurement/Suspension and Debarment	Program Income	Reporting	Subrecipient Monitoring	Special Tests and Provisions
Y	Y	Y	N	Y	Y	Y	Y	Y	Y	Y	Y

**A. Activities Allowed or Unallowed**

1. Federal funds can be used only to reimburse costs that are (a) incurred subsequent to the date of authorization to proceed, except for certain property acquisition costs permitted under 23 USC 108, certain emergency repair work under 23 USC 125, and preliminary engineering under Section 1440 of the FAST Act (23 USC 121 note); (b) in accordance with the conditions contained in the project agreement and the plans, specifications, and estimates (PS&E); (c) allocable to a

specific project; and (d) claimed for reimbursement subsequent to the date of the project agreement (23 CFR sections 1.9, 630.106, 630.205, and 635.112).

2. Federal funds can be used for administrative settlement costs incurred in defending contract claim proceedings before arbitration boards or State courts only if approved by FHWA for Federal-aid projects. If special counsel is used, it must be recommended by the State Attorney or State Department of Transportation (State DOT) legal counsel and approved in advance by FHWA (23 CFR section 140.505).
3. ADHS funds may be used only for work included in the ADHS cost estimate approved by the ARC.
4. FLTTP funds may be used for work on projects that provide access to or within Federal or Tribal lands (23 USC 201 through 204).

## **F. Equipment and Real Property Management**

See also DOT Cross-Cutting Section.

The State shall charge, at a minimum, fair market value for the sale, use, lease, or lease renewal of real property acquired with Federal assistance from the Highway Trust Fund (other than the Mass Transit Account). The State shall use such income for projects eligible under 23 USC. Exceptions may be granted to allow use for social, environmental, or economic purposes (23 USC 156).

## **G. Matching, Level of Effort, Earmarking**

### **1. Matching**

- a. States generally are required to pay a portion of the project costs. Portions vary according to the type of funds authorized and the type of project and are stated in project agreements.
- b. A State's matching share for a project may be credited by FHWA-approved toll revenues used to build or improve highways, bridges, and tunnels (23 USC 120(i)).
- c. Donations of funds, materials, and services by a person or local government may be credited towards a State's matching share. Donated materials and services must meet the eligibility requirements of the project (23 USC 323(c)).
- d. The value of land provided by State or local governments for highway purposes is eligible for a credit towards the non-Federal share of project costs. The value of the donated land shall not include any increase or decrease in value of donated land caused by the project. The value of donated land shall be based on the fair market value of the land,

established as of the earlier of (1) the date on which the donation becomes effective, or (2) the date on which equitable title to the land vests in the State. Real property acquired with State funds and required for federally-assisted projects may be credited toward the non-Federal share of project costs (23 USC 323(b); 23 CFR section 710.507).

- e. For Transportation Enhancement (TE) projects using TE funds apportioned prior to October 1, 2012, funds from Federal agencies (except U.S. DOT) may be credited toward the non-Federal share of the cost of a project. The value of other non-cash contributions may be credited toward the non-Federal share. The non-Federal share may be calculated on a project, multiple-project, or program-wide basis. The total cost of an individual project may be funded with up to 100 percent Federal funds; however, for a fiscal year, the ratio of Federal funds to non-Federal funds for all TE funded projects must comply with the maximum Federal share provisions in 23 USC 120(b). FHWA guidance on these provisions is available at [http://www.fhwa.dot.gov/environment/transportation\\_enhancements/guidance/](http://www.fhwa.dot.gov/environment/transportation_enhancements/guidance/).
- f. For projects funded under 23 USC or 49 USC Chapter 53, any Federal funds (except for funds available under 23 USC and 49 USC) may be used to pay the non-Federal share of any transportation project that is within, adjacent to, or provides access to Federal land (23 USC 120(j)).
- g. FLTTP funds may be used to pay the non-Federal share of projects which provide access to or within Federal or Indian lands which are funded under 23 USC or 49 USC Chapter 53 (23 USC 120(k)).
- h. For the Recreational Trails Program (RTP), funds from other Federal programs (including the U.S. Department of Transportation) may be credited toward the non-Federal share of the cost of a project. RTP funds may be used to match other Federal programs. The non-Federal share may be calculated on a project, multiple-project, or program-wide basis (23 USC 206(f)). FHWA guidance on these provisions is available at [http://www.fhwa.dot.gov/environment/recreational\\_trails/guidance/matchingfunds.cfm](http://www.fhwa.dot.gov/environment/recreational_trails/guidance/matchingfunds.cfm).

Any project sponsor (except for Federal agencies), whether a private individual or organization or a public agency, may donate funds, materials, services (including volunteer labor), or new right-of-way to be credited to the non-Federal share of an RTP project. Federal project sponsors may provide funds, materials, or services as part of the Federal share, but may not provide new right-of-way (23 USC 206(h)(1)).

- i. Any cost in excess of 20 percent of the cost of the replacement or rehabilitation of a bridge not on a Federal-aid highway that is wholly funded with State and local funds may be used to meet the matching share requirement of projects funded under 23 USC 133 (23 USC 133(g)(3)).

**2. Level of Effort – Not Applicable**

**3. Earmarking – Not Applicable**

## **I. Procurement and Suspension and Debarment**

See also DOT Cross-Cutting Section.

1. In general, State DOTs and LPAs must award construction contracts on the basis of the lowest responsive bid submitted by a bidder meeting the contracting agency's criteria for responsibility. Competitive bidding is required unless the contracting agency is able to demonstrate to FHWA that some other method is more cost effective or that an emergency exists (23 USC 112 (b)(1); 23 CFR sections 635.104 and 635.114). Contracting agencies also may procure construction services through competitive proposals by using design-build contracts (23 USC 112(b)(3); 23 CFR part 636) or construction manager/general contractor contracts (23 USC 112(b)(4)).
2. For construction contracts, bidding documents must be advertised for at least 3 weeks, unless a shorter period is justified in the project files. Recipients may not negotiate with the potential contractors during the time between bid opening and contract award (such negotiations would be noted in the contract files). Awards must be made to the lowest responsible bidder. If the award was made to a bidder other than the low bidder, then the project files must contain justification (23 CFR sections 635.112(b), 635.113, and 635.114).

## **J. Program Income**

See also DOT Cross-Cutting Section.

State and local governments may only use the Federal share of net income from the sale, use, or lease of real property previously acquired with Federal funds if the income is used for projects eligible under 23 USC (23 USC 156).

## **L. Reporting**

### **1. Financial Reporting**

- a. *SF-270, Request for Advance or Reimbursement – Not Applicable*
- b. *SF-271, Outlay Report and Request for Reimbursement for Construction Programs – Not Applicable*

- c. SF-425, *Federal Financial Report* – Not Applicable
- d. PR-20, *Voucher for Work Under Provisions of the Federal-Aid and Federal Highway Acts, as Amended (OMB No. 2125-0507)*

**2. Performance Reporting** – Not Applicable

**3. Special Reporting** – Not Applicable

**M. Subrecipient Monitoring**

State DOTs are responsible for determining that subrecipients of Federal-aid highway funds have adequate project delivery systems for projects approved under 23 USC. They also are required to determine whether subrecipients have sufficient accounting controls to properly manage such Federal-aid funds (23 USC 106(g)(4)(A)).

**N. Special Tests and Provisions**

**1. Wage Rate Requirements**

**Compliance Requirement** - The Wage Rate Requirements are applicable to construction work on Federal-aid highways or on projects using ADHS or FLTTP funds. These requirements apply to Federal-aid projects located within the right-of-way of a Federal-aid highway. These requirements also apply to Federal-aid projects funded by the STBG program that are located outside the right-of-way of a Federal-aid highway, including projects funded under the Transportation Alternatives Set-Aside (except for projects funded under the Recreational Trails Program). FHWA has provided guidance on the applicability of these requirements at <http://www.fhwa.dot.gov/construction/contracts/080625.cfm> (23 USC 113 and 40 U.S.C 14701).

See Wage Rate Requirements Cross-Cutting Section (page 4-20.001-1).

**2. Use of Other State or Local Government Agencies**

**Compliance Requirement** – A State may use other public land acquisition organizations or private consultants to carry out the State’s authorities under 23 CFR section 710.201(b) in accordance with a written agreement (23 CFR section 710.201(h)).

**Audit Objective** – Determine whether other public land acquisition organizations or private consultants are carrying out the State’s authorities under 23 CFR section 710.201(b) in accordance with their agreements with the State.

**Suggested Audit Procedures**

- a. Examine records and ascertain if other agencies were used for right-of-way activities on Federal-aid projects.

- b. Review a sample of right-of-way agreements with other agencies.
- c. Perform tests of selected right-of-way activities to other agencies to verify that they comply with the written agreement.

### **3. Replacement of Publicly Owned Real Property**

**Compliance Requirement** – Federal funds may be used to reimburse the reasonable costs actually incurred for the functional replacement of publicly owned and publicly used real property provided that FHWA concurs that it is in the public interest. The cost of increases in capacity and other betterments are not eligible except (1) if necessary to replace utilities; (2) to meet legal, regulatory, or similar requirements; or (3) to meet reasonable prevailing standards for the type of facility being replaced (23 CFR section 710.509).

**Audit Objective** – Determine whether the functional replacement of real property was accomplished within FHWA requirements.

#### **Suggested Audit Procedures**

- a. Ascertain if there were any functional replacements of publicly owned real property.
- b. Verify that FHWA concurred in the State's determination that the functional replacement is in the public interest.
- c. Review a sample of transactions involving functional replacements and verify that the transactions were consistent with the FHWA requirements.

### **4. Quality Assurance Program**

**Compliance Requirement** – A State DOT or LPA must have a quality assurance (QA) program, approved by FHWA, for construction projects on the NHS to ensure that materials and workmanship conform to approved plans and specifications. Verification sampling must be performed by qualified testing personnel employed by the State DOT, or by its designated agent, excluding the contractor (23 CFR sections 637.201, 637.205, and 637.207).

**Audit Objective** – Determine whether the State DOT or LPA is following a QA program approved by FHWA.

#### **Suggested Audit Procedures**

- a. Obtain an understanding of the recipient's QA program.
- b. Verify that the QA program has been approved by FHWA.

- c. Review documentation of test results on a sample basis to verify that proper tests are being taken in accordance with the QA program.
- d. Verify that verification sampling activities are performed by qualified testing personnel employed by the agency, or by its designated agent, excluding the contractor.

## 5. Contractor Recoveries

**Compliance Requirement** – When a State recovers funds from highway contractors for project overcharges due to bid-rigging, fraud, or anti-trust violations or otherwise recovers compensatory damages, the Federal-aid project involved shall be credited with the Federal share of such recoveries (Tennessee v. Dole 749 F.2d 331 (6th Cir. 1984); 57 Comp. Gen. 577 (1978); 47 Comp. Gen. 309 (1967)).

**Audit Objective** – Determine whether the proper credit was made to the Federal share of a project when recoveries of funds are made.

### Suggested Audit Procedures

- a. Determine the extent to which the State has recovered overcharges and other compensatory damages on Federal-aid projects through appropriate interviews and a review of legal, claim, and cash receipt records.
- b. Review a sample of cash receipts and verify that appropriate credit is reflected in billings to the Federal Government.

## 6. Project Approvals

**Compliance Requirements** – FHWA project approval/authorization to proceed is required before costs are incurred for all phases or projects, except for certain property acquisition costs permitted under 23 USC 108, certain emergency repair work under 23 USC 125, and preliminary engineering under Section 1440 of the FAST Act (23 USC 121 note). Based on the Stewardship and Oversight agreement between the State DOT and the FHWA Division office, projects may be authorized under the authority in 23 USC 106(c), which allows the State DOT to assume responsibilities for designs, plans, specifications, estimates, contract awards, and inspection of progress. When FHWA authorizes a construction project or phase in a project agreement, the State DOT may incur costs, i.e., advertise for bids or use force account work (23 CFR sections 630.205(c), 635.112(a), 635.204, and 635.309).

**Audit Objective** – Determine whether project activities are started with required Federal approvals.

### Suggested Audit Procedures

- a. Review a sample of projects and identify dates of the necessary approvals, authorizations, and concurrences.

- b. Identify dates that projects were advertised and contract or force account work was initiated and compare to the date of FHWA's project agreement.

## 7. Value Engineering

**Compliance Requirement** – State DOTs are required to establish a value engineering (VE) program and ensure that a VE analysis is performed on all applicable projects. The program should include procedures to approve or reject recommendations and for monitoring to ensure that resulting, approved recommendations are incorporated into the plans, specifications, and estimate. Applicable projects are (a) projects located on the NHS with an estimated total project cost of \$50 million or more that utilize Federal-aid highway program funding; (b) bridge projects located on the NHS with an estimated total cost of \$40 million or more that utilize Federal-aid highway program funding; and (c) any other projects that the FHWA determines to be appropriate. Projects utilizing the design-build method of construction do not require a VE analysis (23 USC 106(e)(5)). Critical elements of VE programs include identification of a State VE coordinator; establishment of a VE policy, and documented VE procedures, including requirements to identify applicable projects, verify required VE analyses are completed on State DOT and subrecipient projects; and monitor, assess, and report on the performance of the VE program (23 USC 106(e); 23 CFR part 627).

**Audit Objective** – Determine whether established VE programs include VE policies and procedures, documented analyses conducted for applicable projects, evaluations of VE recommendations, and incorporation of approved recommendations into the plans, specifications, and estimate for the project.

### Suggested Audit Procedures

- a. Verify that the State DOT established a VE program in accordance with Federal requirements.
- b. Review a sample of applicable projects to ensure that a VE analysis was conducted, recommendations were evaluated, and approved recommendations were incorporated into the design of the project, and that the results of the analysis and recommendations implemented were documented in accordance with the established VE program's policies and procedures.

## 8. Utilities

**Compliance Requirement** – State DOTs are required to develop policies and procedures pertaining to the use, accommodation and/or relocation of public and private utility facilities on highway rights-of way using Federal-aid highway funds. State DOTs are required to develop, maintain, and obtain FHWA approval of their Utility Accommodation Policy (UAP) (23 CFR section 645.215). Expenses incurred for relocating utility facilities necessitated by highway construction projects using Federal-aid highway program funds are eligible for reimbursement from FHWA provided these costs were incurred in a manner consistent with State laws or FHWA regulations, whichever is more restrictive (23 CFR section 645.103(d)).

Plans, Specifications and Estimate (PS&E) packages for projects using Federal-aid highway program funds must have a utility agreement or statement verifying the appropriate coordination with all utilities on the project occurred prior to FHWA construction authorization. Each agreement or statement should specify that the utility use and occupancy of the right-of-way or any required utility work will be completed prior to the highway construction, or there were conditions specified allowing for the utility work to be coordinated with and completed in coordination with the highway construction schedule (23 CFR section 635.309(b)).

Utility agreements, permits, and supporting documentation define the conditions and provisions for accomplishing and reimbursing utility companies for utility relocation work that was required due to a Federal-aid highway program funded project. The agreements and supporting documentation, and the Federal requirements they reference, require that:

- a. There must be itemized cost estimates for the proposed utility work (23 CFR section 645.113(c));
- b. The utility agreement was approved prior to the utility incurring any costs or conducting any work that would be eligible for reimbursement (23 CFR section 645.113(g)(3));
- c. Reimbursement of utility costs will occur after the work is completed (23 CFR section 645.107(a));
- d. The utility incurred the costs and billings submitted verifying the work was completed in accordance with the utility agreement (23 CFR section 645.113(a-f) and 23 CFR section 645.117); and
- e. Billed costs were eligible for reimbursement (23 CFR section 645.117).

**Audit Objective** – Determine whether the agreements, supporting documentation, and reimbursement for the adjustment and/or relocation of utility facilities on Federal-aid highway projects were accomplished in a manner which complies with State laws and FHWA regulations.

#### **Suggested Audit Procedures**

- a. Verify that the State DOT has a current UAP approved by FHWA.
- b. Review a sample of PS&E packages on projects using Federal-aid highway program funds to verify that there is a utility agreement or statement confirming that the appropriate coordination with all utilities on the project has occurred prior to FHWA construction authorization.
- c. Review a sample of utility agreements and supporting documentation to verify required supporting material was prepared and that costs reimbursed met the requirements of the agreements.

## 9. Administration of Engineering and Design-Related Service Contracts

**Compliance Requirement** – In general, State DOTs and LPAs must use qualifications-based selection procedures (Brooks Act) when acting as contracting agencies to procure engineering and design-related services from consultants and sub-consultants for projects using Federal-aid highway funds (23 USC 112(b)(2); 23 CFR part 172). Requirements applicable to engineering and design-related services contracts include:

- a. Contracting agencies (State DOTs and LPAs) must have written policies and procedures for each method of procurement used to procure engineering and design services. State DOT policies and procedures, or recipient LPA policies and procedures, must be approved by FHWA. LPAs that are subrecipients may adopt written policies and procedures prescribed by the awarding State DOT or prepare and maintain their own written policies and procedures approved by the State DOT (23 CFR section 172.5(c)).
- b. Contracting agencies (State DOTs and LPAs) are required to accept the indirect cost rates for consultants and sub-consultants that have been established by a cognizant agency in accordance with the Federal Acquisition Regulation (48 CFR part 31) for 1-year applicable accounting periods, if such rates are not currently under dispute. Consultants and sub-consultants providing engineering and design-related services contracts must certify to contracting agencies that costs used to establish indirect cost rates are in compliance with the applicable cost principles contained in the Federal Acquisition Regulation (48 CFR part 31) by submitting a “Certificate of Final Indirect Costs” (23 USC 112(b)(2)(C); 23 CFR section 172.11).
- c. Contracts for a consultant to act in a management support role on behalf of a contracting agency or subrecipient for engineering or design related services must be approved by FHWA before the consultant is hired, unless an alternative approval procedure has been approved by FHWA (23 CFR section 172.7(b)(5)).

**Audit Objective** – Determine if consultants performing engineering and design-related services for projects using Federal-aid highway funding were procured using FHWA-approved qualifications-based selection procedures.

### Suggested Audit Procedures

- a. Verify that the State DOT, or recipient LPA, has written policies and procedures (usually in the form of a Consultant Manual) for procurement of engineering and design services and that those procedures have been approved by FHWA. For subrecipient LPAs, verify that they are using written policies and procedures prescribed by the awarding State DOT or that the subrecipients’ written policies and procedures have been approved by the State DOT.
- b. Verify that contracting agencies are accepting the appropriate indirect cost rates.

- c. Verify that consultants and sub-consultants have submitted to the contracting agency a “Certificate of Final Indirect Costs.”
- d. Verify that contracts for consultants acting in a management support role have been approved by FHWA or are covered by an FHWA-approved alternate procedure.

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