

GRANT ASSURANCE #17

Source: *Airport Sponsor Assurances* (4/2012)

[http://www.faa.gov/airports/aip/grant_assurances/media/airport_sponsor_assurances_2012.pdf]

17. Construction Inspection and Approval. It will provide and maintain competent technical supervision at the construction site throughout the project to assure that the work conforms to the plans, specifications, and schedules approved by the Secretary for the project. It shall subject the construction work on any project contained in an approved project application to inspection and approval by the Secretary and such work shall be in accordance with regulations and procedures prescribed by the Secretary. Such regulations and procedures shall require such cost and progress reporting by the sponsor or sponsors of such project as the Secretary shall deem necessary.

Purpose: The purpose of this obligation is to ensure federal funds used on the project are for the improvements shown on the approved construction plans and in the approved construction specifications.

There are three (3) parts to this grant assurance:

- sponsor's inspection services,
- FAA's (or NHDOT's) inspections, and
- construction cost and progress reports.

“Everyone has a role in operational safety on airports during construction”

Source: FAA AC 150/5370-2F

Sponsor's Inspection Services: Can be for full or part-time observation; may be carried out by one or more people; and engineering and construction inspection must be by qualified personnel whose performance must be monitored by the sponsor and adjustments made when needed.

FAA's (or NHDOT's) Inspections: Conducted for a variety of purposes including review of daily construction logs for adequacy of the sponsor's inspection services, review the sponsor's construction management plan (if required by the project) for testing compliance, and other federal construction compliance requirements.

Reports: At a minimum, every construction project should submit periodic construction progress reports, final inspection punchlist, periodic summary of construction costs, pre-construction meeting minutes, and summary of testing results. Other documents to submit include change order requests, record drawings and quantities, and DBE goal performance.

This grant assurance is also related to Grant Assurance #34 (Policies, Standards, and Specifications).

Resources:

- FAA Order 5100.38C, *Airport Improvement Program Handbook*, Chapter 12 (http://www.faa.gov/airports/aip/aip_handbook/)
- FAA AC 150/5370-10F, *Standards for Specifying Construction of Airports*, (http://www.faa.gov/documentLibrary/media/Advisory_Circular/150_5370_10F.pdf)
- FAA AC 150/5370-2F, *Operational Safety on Airports During Construction* (http://www.faa.gov/documentLibrary/media/Advisory_Circular/150_5370_2f.pdf)
- Title 49 USC §47112 (<http://www.gpo.gov/fdsys/pkg/USCODE-2011-title49/pdf/USCODE-2011-title49-subtitleVII-partB-chap471-subchapl-sec47112.pdf>)

Key Concepts to Remember:

- *FAA (or NHDOT) will never provide resident inspection services or issue construction directions to the sponsor's contractors.*
- *FAA (or NHDOT) will coordinate with other FAA Lines of Business whenever there is a concern that federal requirement may be overlooked.*
- *The Sponsor is always responsible for monitoring project accomplishment in accordance with FAA regulations and procedures, even if there is a resident engineer on the project.*