



DEPARTMENT OF THE AIR FORCE
HEADQUARTERS AIR MOBILITY COMMAND

MEMORANDUM FOR ALL AMC SPTGs/CE

6 FEB 02

FROM: HQ AMC/CEO
507 Symington Drive
Scott AFB IL 62225

SUBJECT: Technical Review of Major Airfield Projects

1. In 1998, AMC/CEO issued a letter requesting all major (over \$1M) airfield pavement projects be reviewed by the Corps of Engineers (COE) Transportation Systems Center (TSMCX). We believe this practice has been extremely successful in ensuring designs of technical adequacy as well as saving the Air Force literally hundreds of thousands of dollars. One prime example was their suggestion to change the gradation of the required drainage layer on a large apron project. This recommendation allowed the spacing of the under-drains to be widened and saved the Air Force over \$250K. Another less obvious example is the small number of change orders we have encountered during construction on projects they have reviewed. While it is difficult to put an exact dollar figure on this, we know the savings to the Air Force are significant.
2. Our 1998 letter was directed toward O&M projects. However, the COE has an internal policy requiring this review for all airfield projects they design or manage, regardless of funding source. We recommend this review for projects managed by all other entities, such as the Navy or at the local level. In addition, we recommend reviews for electrical-related work on the airfield as well as pavements.
3. All airfield projects currently under design are being reviewed by TSMCX. However, we are often questioned about the need for their reviews. Simply, TSMCX should review all major airfield pavement and lighting projects, regardless of the funding source, project manager, or design agent. In addition, review of smaller projects should be handled on a case-by-case basis, depending on the technical nature of the project. There is a fee for this service, which should be paid using project design funds. Attached is the TSMCX fee schedule, which can be used for planning. Actual costs may vary, depending on the complexity of the project and the number of design review meetings.
4. If your staff members have any questions, please have them call our HQ AMC/CEO points of contact, Mr. Don Marlen, DSN 779-0812, E-mail don.marlen@scott.af.mil or Mr. Ken Hevner, DSN 779-0808, E-mail ken.hevner@scott.af.mil.

TIMOTHY P. GAFFNEY, Lt Col, USAF
Chief, Operations Division
Directorate of Civil Engineering

Attachment:
TSMCX Fee Schedule

AMC--GLOBAL REACH FOR AMERICA



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AVERAGE FEES FOR TSMCX REVIEW

<u>Programmed Amount</u>	<u>Review Fee</u>
Less than \$1M	\$3,500
\$1M to \$2.5M	\$4,500
\$2.5M to \$5M	\$6,000
\$5M to \$7.5M	\$7,000
\$7.5M to \$10M	\$8,000
\$10M to \$20M	\$10,000
over \$20M	contact TSMCX

Notes:

Design-build: Design-build projects will require approximately 100% higher review fees depending on the size, scope, and complexity of the project.

Lighting/NAVAIDS: Airfield projects, which include both pavements and lighting/NAVAIDS, will require higher review fees depending on the scope of the airfield lighting/NAVAIDS portion of the project. Projects with major rehabilitation or new airfield lighting and electronic NAVAIDS (ILS, PAR, etc) will require approximately 75% higher review fees.

Additional Reviews: Review fees are based on two reviews, preliminary design (30%) and final design. Additional reviews (60%, etc) will require approximately 35% higher review fees.

Conferences/Site Visits: Additional funding for labor and travel will be required for review conferences and site visits when requested by the design district or customer.

Design Budget: The above fees should be used as a guide for the preparation of a design budget. Actual fees for design reviews should be negotiated between the design district and the TSMCX.

For reviews, send two copies of all design documents (requirements document, DD 1391, plans, specs, and design analysis) to the following:

U.S. Army Corps of Engineers
Transportation Systems Center (TSMCX)
215 North 17th Street
Omaha NE 68102-4978

point of contact at TSMCX:

Mr. Terry Sherman
Phone: 402-221-7260
FAX: 402-221-7261
e-mail: terry.w.sherman@usace.army.mil