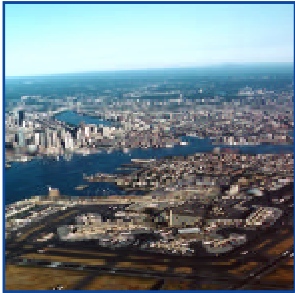




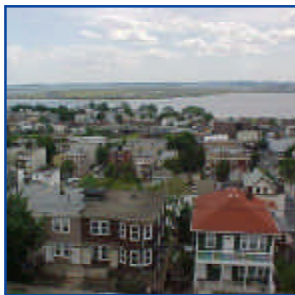
# Residential Sound Insulation Program

Logan International Airport

## profile



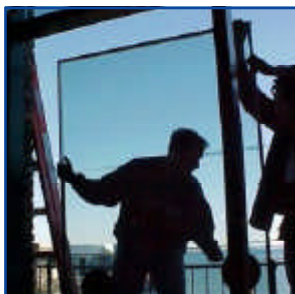
The Jones Payne Group has been serving as the Prime Consultant to the Massachusetts Port Authority's Residential Sound Insulation Program since its inception in 1984. Beginning with the initial 4 house pilot project, the program evolved into one of the nation's most successful, multi-year, large scale sound insulation programs. By mid-year 2002, over 7,300 dwelling units will have been sound insulated within the communities surrounding Logan International Airport. Total construction costs have reached nearly \$90 million, representing over 100 separate bid packages. The program has a participation rate well above 90%, and homeowner complaints are almost non-existent. Change orders amount to less than 1% of the total construction costs. Services provided by Jones Payne include:



→ **Acoustical & Architectural Design Services** provided by our innovative *Soundesign™* technology, which facilitates the design process through the use of laptop computers in the field for existing conditions database entries, and preparation of design plans, elevations, and window/door selections.



→ **Program Management Services**, powered by a comprehensive database system that is used throughout the entire sound insulation process. Linking field assessment documentation with design solutions and construction, the program management system generates project status, design plans, schedules, cost estimates and tracks project & homeowner issues.



→ **Construction Management Services**, overseeing all construction phase services, including: pre-bid meetings, construction pre-walks, product submittals, shop drawing review, product procurement and inventory, weekly construction meetings, full-time construction monitoring & inspection services, punch list, substantial completion, and final inspections.

→ **Program Reporting**, producing annual project reports for submission to airport and FAA officials, documenting pre- and post-construction acoustical findings, and preparing a program narrative, summary and analysis.

**Client:**  
Massachusetts Port  
Authority  
Boston, MA

**Phases:**  
Pilot Project  
Phase 1  
Phase 2  
Phase 3  
Phase 4  
Phase 5

**Program  
Scope:**  
7300 Dwelling Units

**Duration:**  
1984-2002

**Structure Types:**  
Single-Family  
Triple-Deckers  
Townhouses  
Rowhouses  
Apartment Buildings  
Elderly Complexes  
Condominiums  
Historic Properties