



## **U.S. Treasury Department Office of Public Affairs**

### **Treasury Building Restoration and Modernization Fact Sheet**

- The restoration project began in June 1996 prompted by a fire on the roof. The restoration was completed in October 2006.
- The primary intent was to modernize the building infrastructure with an emphasis on safety, electrical, mechanical, and plumbing systems while maintaining a balance with the historic fabric.
- During the course of the ten year project an estimated 1,100 individuals were involved. Their efforts included: fire recovery, construction, design, security, telecommunications, relocations, maintenance, preservation and project management.
- Many of the building's basic infrastructure systems dated from the early 1900s. They outlived their useful life and were in need of major repair, alteration, and renovation. Examples of some of the renovations:
  - Deteriorated and damaged architectural interiors
  - Antiquated and inefficient heating system
  - No central air conditioning system
  - Insufficient fresh air supply
  - Inadequate electrical grounding
  - No dedicated power supply
  - No comprehensive fire protection and suppression system
  - Antiquated elevator system
  - Unrepaired fire damage
  - Antiquated plumbing system
  - No emergency power system
  - Numerous deficiencies in Building Codes, Life Safety Codes, and ADA compliance

- Construction was accomplished in four sequential phases. A single phase at a time was fully vacated for construction, with the remaining three phases being fully occupied and operational.
- Accomplishments include:

Architectural: Repaired and restored interior finishes and architectural details, provided accessibility to the physically challenged, installed a new skylight system, provided new reproduction energy efficient sash, cleaned and repainted exterior granite façade, and provided tenant build-outs.

Mechanical: Replaced the entire HVAC system, installed new chillers and cooling towers, replaced the hot and chilled water distribution systems, replaced the air distribution system, and provided a Direct Digital Control (DDC) energy management system.

Electrical: Provided a new electrical system, replaced switchgear and transformers, provided new feeds to building, replaced all panels and wiring, changed service from 120/208 volt to 480/277 volt, replaced all light fixtures, provide exterior lighting, provided clean power source, and provided an emergency power system.

Plumbing: Replaced waste lines, vent stacks, plumbing fixtures, rain leaders, toilet fixtures, and supply lines.

Life Safety: Provided full sprinkler protection and a new fire alarm system; established fire safety barriers along with fire control and evacuation zones.

Security: Provide an electronic security access system with optical readers and smart card technology.

Elevators: Replaced or upgraded seven elevators.

Telecommunications: Provided a new infrastructure with fiber optics to each work station, and provided a state of the art teleconferencing and broadcasting center.