

HISTORIC STAIR RESTORATION

PART 1 - GENERAL

1.01 DESCRIPTION

- A. This Section describes the requirements for the restoration of existing historic stairs, including but not limited to the following:
1. Historic Stairs 1, 2, 3, and 4:
 - a. Maintain and repair as required plywood protection for stone treads installed during the soft demolition phase.
 - b. Repair damaged stair treads and landings as required with polyester resin.
 - c. Re-surface stone stair treads and landings with 300-400 grit and seal with a water and oil repellent sealer.
 - d. Repair and refurbish wood handrails and steel supports.
 2. Historic Stairs 5, 6, 7, 8 and 9:
 - a. Maintain and repair as required plywood protection installed during the soft demolition phase.
 - b. Re-surface stone treads and landings utilizing a 300-400 grit and seal with a water and oil repellent sealer.
 - c. Repair stone stair treads and landings as required with polyester resin. Repair includes holes drilled thru stone, and repair of chips and cracks as required.
 - d. Repair and refurbish wood handrails and supports.
- B. Related Sections:
1. Restoration of decorative plaster ceilings and walls surfaces is specified in Section 09 20 99.
 2. Restoration of marble, terrazzo and tile flooring is specified in Section 09 30 99.
 3. Restoration of marble wall panels, base, wainscots and trim pieces is specified in Section 09 75 99.
 4. Architectural woodwork restoration in Section 06 40 29.
 5. Volume II, Section C, Historic Guidelines & Criteria.

1.02 SUBMITTALS

- A. Product Data: Include information on materials and installation instructions.
- B. Mock-up: Construct a mock-up of a refurbished stair tread and railings where directed by the County's Representative. Mock-up shall incorporate materials and procedures to be incorporated in the work. Make modifications as directed until the mock-up is approved. Approved mock-up shall serve as a standard of quality of historic stair restoration.

1.03 QUALITY ASSURANCE

- A. The work of this Section shall be performed by personnel with a minimum of 3-years experience in the restoration of stone surfaces similar to those required for this Project with not less than two installations of comparable size and complexity.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. General: Provide materials as required for refurbishing existing stone stair surfaces.
- B. Sealer: Mira Seal or approved equal water and oil repellent sealer recommended for use on stone of the type required.
- C. Polyester Repair Resin: Akemi Marble Repair Compound or approved equal.

PART 3 - EXECUTION

3.01 INSTALLATION

- A. Refurbish historic stair treads and landings to the satisfaction of the County's Representative.

END OF SECTION