Historic Preservation Fund Program

Graffiti Prevention & Removal
Project Team

Honolulu Authority for Rapid Transportation (HART)  
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Project Background

The Federal Transit Administration (FTA) and the Honolulu Authority for Rapid Transportation (HART) have collaborated to support the preservation of historic properties within areas potentially affected by the Honolulu Rail Transit Project.

The Historic Preservation Fund Program will help to repair, preserve, rehabilitate, or restore the exterior of selected eligible properties that are contributing resources within a historic district, and listed in or eligible for listing in the National Register of Historic Places.
Graffiti Cleaning and Prevention Report

- Address concerns from several owners
- Provides information for proper care of graffiti removal/maintenance
Buildings Studied
1 North Hotel Street
15-19 North Hotel Street
25 North Hotel Street
Address concerns from several owners

Provides information for proper care of graffiti removal/maintenance

1024-1034 Nuuanu Avenue
1111 Nuuanu Avenue
175 North King Street
Overview

Removal of graffiti should follow:

- Secretary of the Interior’s Standards for the Treatment of Historic Properties (http://www.nps.gov/tps/standards.htm)
- Preservation Briefs
Substrates Studied

Red Brick
Basalt Rock
Painted Brick Masonry
Painted Stucco
Treatment Types

Micro Abrasive
Chemical
Water
Overpainting
Micro Abrasive

- Address’ soiling from the surface
- Uses abrasive media with stream of water
**Chemical**

- Address graffiti, atmospheric soiling, biological growth, coating removal
- Careful handling or can damage material
- Paint removal poultices
Water

- Pressure washing, steam cleaning, hot water pressure washing
- Not effective in removing painted graffiti
- Must be monitored
Overpainting

• Covers graffiti
• Appropriate for painted surfaces
• Not appropriate for substrates not historically painted
Potential Graffiti Prevention Methods

Clear Protective Coatings
Window Films
Other Methods
Clear Protective Coatings

Should be reversible

Recommend: Trial application
Window Films

Scratches on glass can be addressed by polishing the glass surface

Recommend: Trial application
Other Methods

- Site modifications
- Spikes, barbs installed on horizontal surfaces
- Increased site lighting, motion detector lights
- Security Cameras/Community Watch
Mahalo!