

FED. ROAD DIST. NO.	STATE	FED AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	BR-080-1(012)	2014	82	82

Clean and Paint Existing Steel Bridge - Notes

Hazardous Materials

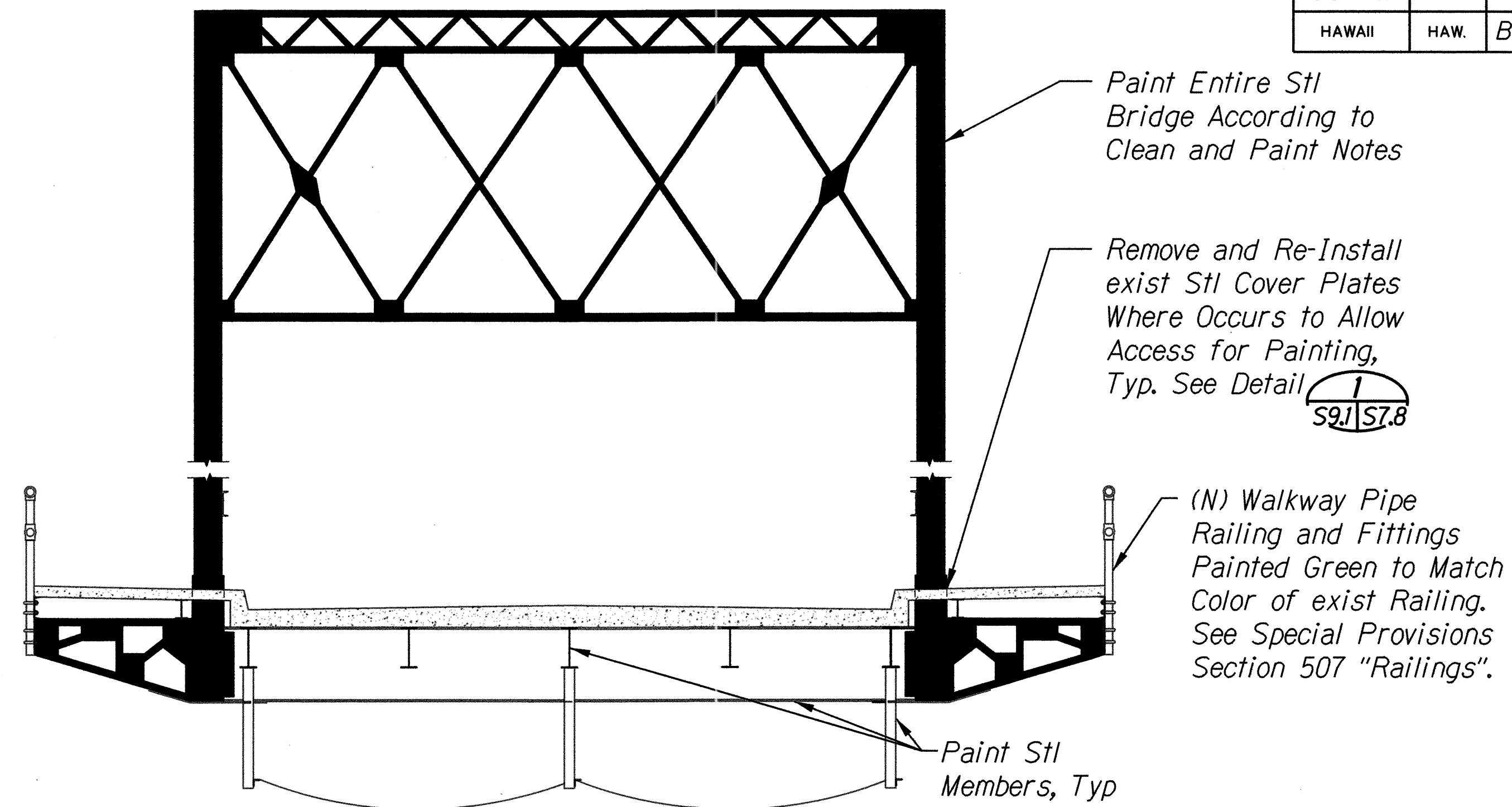
1. Portions of existing bridge structure are known to contain lead-based paint. Bridge will be encapsulated except in certain areas of bridge where abatement will be required for repairs. Contractor shall refer to the report prepared by Bureau Veritas North America, Inc. and entitled "Hazardous Materials Assessment with Soil and Sediment Sampling and Analysis, Repair and Repaint Karsten Thot Bridge, District of Wahiawa, Island of Oahu, dated March 2013."
2. Refer to Special Provisions Section 695 "Lead in Construction" for removal and disposal of lead in construction.

General

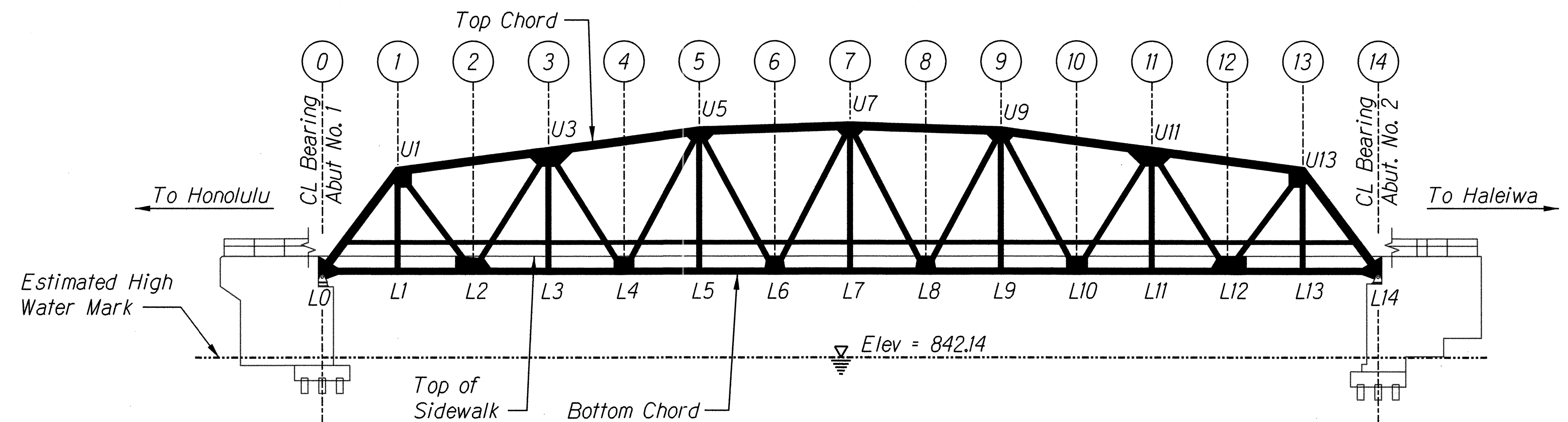
1. Contractor shall refer to Special Provisions Section 694 "Clean and Paint Structural Bridge Steel".
2. For general structural notes, see sheet S1.1.
3. For existing bridge general notes, construction general notes, and hazardous materials notes, see sheet S1.2.
4. Where shown on drawings, dimensions and steel member sizes are based on available as-built bridge plans and may not be exact. This is provided for information only. Contractor shall field verify all existing and new dimensions and conditions. All discrepancies shall be promptly reported to the Engineer and shall be resolved prior to commencing work.
5. Contractor shall remove steel plates at deck openings as required to clean and paint existing steel bridge.
6. Contractor shall take adequate measures to protect the environment from all construction materials. See Standard Specs Section 107.13 - "Pollution Control and Protection of Archeological, Historical, and Burial Sites", and Section 209 - "Temporary Water Pollution, Dust and Erosion Control", and "Water Pollution and Erosion Control Notes" on sheet T5.
7. Contractor shall provide temporary containment structures around the work area to protect the environment. See Special Provisions.
8. New paint shall be a two-coat system consisting of a base coat and polyurethane top coat. Base coat shall be capable of being applied over existing non-glossy, solidly bonded paint, and capable of encapsulating rust and lead-based paint. For acceptable product and system, refer to special provisions.
9. Bridge structure shall be painted gray to match existing color.

Surface Preparation and Application

1. Contractor shall refer to Special Provisions Section 694 "Clean and Paint Structural Bridge Steel" for Cleaning and Surface Prep Information and Section 695 "Lead In Construction."
2. Where existing steel members and connections are damaged, steel shall be repaired prior to cleaning and painting work. Refer to structural repair details.
3. Clean and prepare steel surface by power wash with minimal hand or power tooling. All loose rust and scale shall be removed.
4. Apply specified base coat in strict conformance with manufacturer's recommendations.
5. Surfaces to be painted shall be totally dry. Do not apply paint over wet or moist surface.
6. Apply specified polyurethane top coat in strict conformance with manufacturer's recommendations. See special provisions.
7. See Special Provisions for additional information.



1 CROSS SECTION - EXISTING STEEL BRIDGE  
S9J159J NOT TO SCALE



2 ELEVATION - EXISTING STEEL BRIDGE  
S9J159J NOT TO SCALE

SURVEY PLOTTED BY	DATE
DRAWN BY	
TRACED BY	
DESIGNED BY	
QUANTITIES BY	
CHECKED BY	
ORIGINAL PLAN	
NOTEBOOK	
No.	

LICENSE EXPIRES: 4/30/16  
THIS WORK WAS PREPARED BY ME OR UNDER MY SUPERVISION

*George O. Gutierrez*

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION

**CLEAN AND PAINT EXISTING  
STEEL BRIDGE**

KAMEHAMEHA HIGHWAY  
Repair and Repaint Karsten Thot Bridge  
Federal Aid Project No. BR-080-1(012)

Scale: No Scale Date: Sept 2014