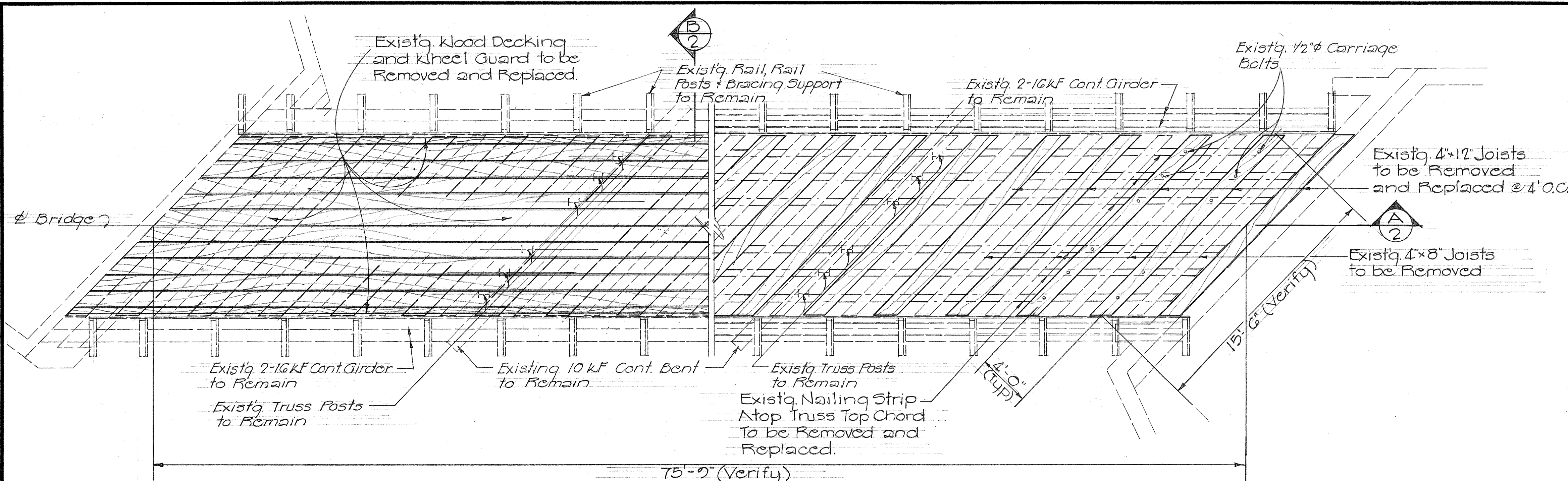


DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	5GD-02-73	1973	2	4

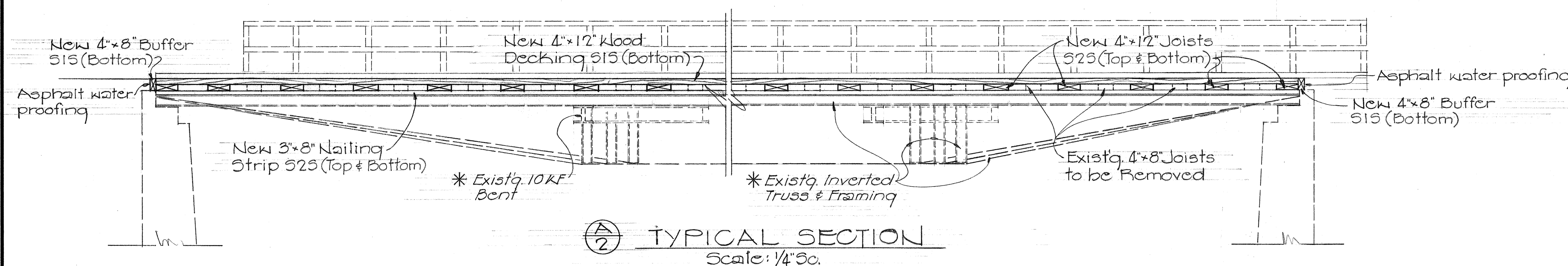
GENERAL NOTES:

- Materials Removed:** shall become the property of the Contractor.
- Project Structures:** may be closed to vehicular traffic between the night hours of 10:00 P.M. and 6:00 A.M. on week days only, providing sufficient notice is given through the local newspaper and radio stations to warn the travelling public to the satisfaction of the Engineer.
- Bridge Loading:** Maximum gross vehicle loading on existing bridges shall be limited as follows:
Hanalei Bridge - 10 tons
Waikoko Bridge - 10 tons
Wainiha Bridge - 15 tons
- Dimensions:** All dimensions of the existing structures indicated on the Plans shall be verified in the field by the contractor.
- The Intent:** is to replace and secure all wooden decking, wheel guards, Joists, nailing strips and buffers for Bridge No's 2, 3A, B & C with new material; to replace and secure the existing railings on Bridge No. 3C with new material; and to clean and paint as much of the steel members as funds will permit.
- Timber:** All lumber shall be Douglas Fir "Construction Grade" joists and planks, 1500f, surfacing according to grading & dressing rules of the American Lumber Standard. All lumber shall be Penta pressure treated in accordance with the current AKFA Standard Specifications for Preservative Treatment by Pressure Process.
- Galvanizing:** All washers, nuts, bolts and spikes shall be galvanized after fabrication in accordance with the requirements of the A.S.T.M. Designation: A153.
- Painting:** Structural steel cleaning and painting is provided for as additive alternates unless otherwise specified. Existing finishes and bare metal areas shall be cleaned according to the requirements of Section 501.03(F)(4) of the Standard Specifications. Bridge paint shall be in accordance with Section 708 of the Standard Specifications.
 - Spot treat bare metal surfaces with 1-coat Ospho Metal Treatment.
 - Spot prime bare metal surfaces with 1-coat Red Lead Ready Mixed Paint.
 - Apply 1-coat Red Lead Ready Mixed Paint to all surfaces.
 - Apply 1-coat Aluminum paint to all surfaces.
- The contact surface of Girder with nailing strip shall be cleaned in accordance with the requirements of Section 501.03(F)(4) of the Standard Specs, and shall be painted with 1-coat Red Lead Ready Mixed Paint conforming to Section 708 of the Standard Specs. This work shall be included as part of the Basic Contract Bid.
- Nailing strips shall be secured to girder flange by 1/2" carriage bolt at 4' o.c., staggered on each side of web or at existing holes on girder flanges.

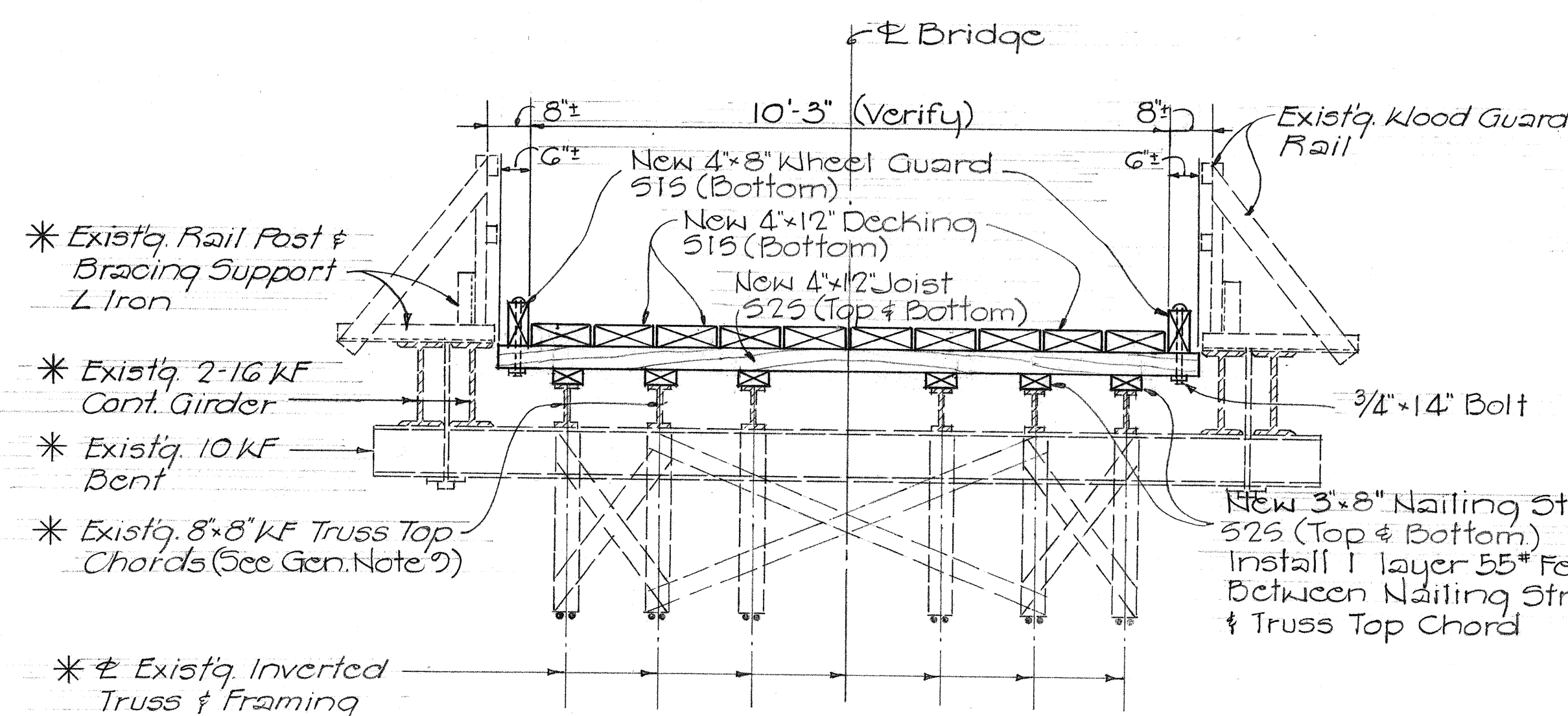
- 11 - To secure decking to joists, use 80d spikes (3/8" x 8") and to secure joists to nailing strip use 60d spikes. The number of spikes required to secure the construction will be determined by the Engineer in the field.



PLAN ~ BRIDGE No. 2
Scale: 1/4" = 1'-0"



TYPICAL SECTION
Scale: 1/4" = 1'-0"



BRIDGE No's 2, 3A & B
NORMAL SECTION
Scale: 1/2" = 1'-0"

DESIGNED BY	DATE
DRAWN BY	
CHECKED BY	
APPROVED BY	
ORIGINAL PLAN	
NOTE BOOK	
No.	

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION KUHIO HIGHWAY, REPAIRS TO WAINIHA BRIDGES No. 2 and No. 3 PROJ. No. 5GD-02-73 PLAN & SECTIONS BRIDGE No. 2 Scale: As Shown Feb. 1973 SHEET No. 1 OF 1 SHEETS
