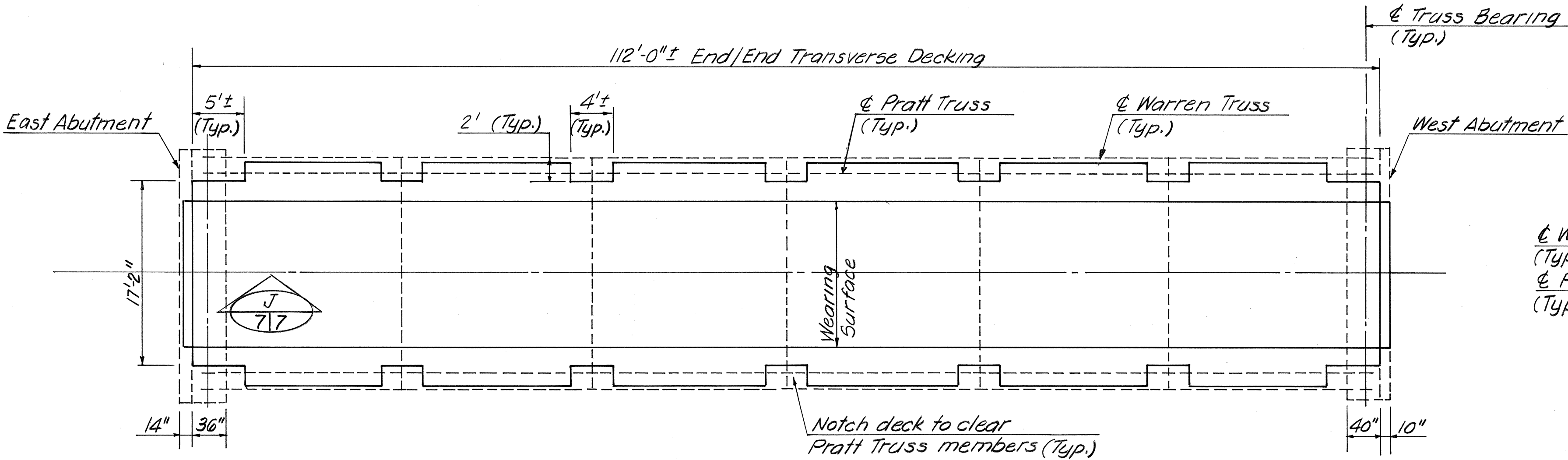
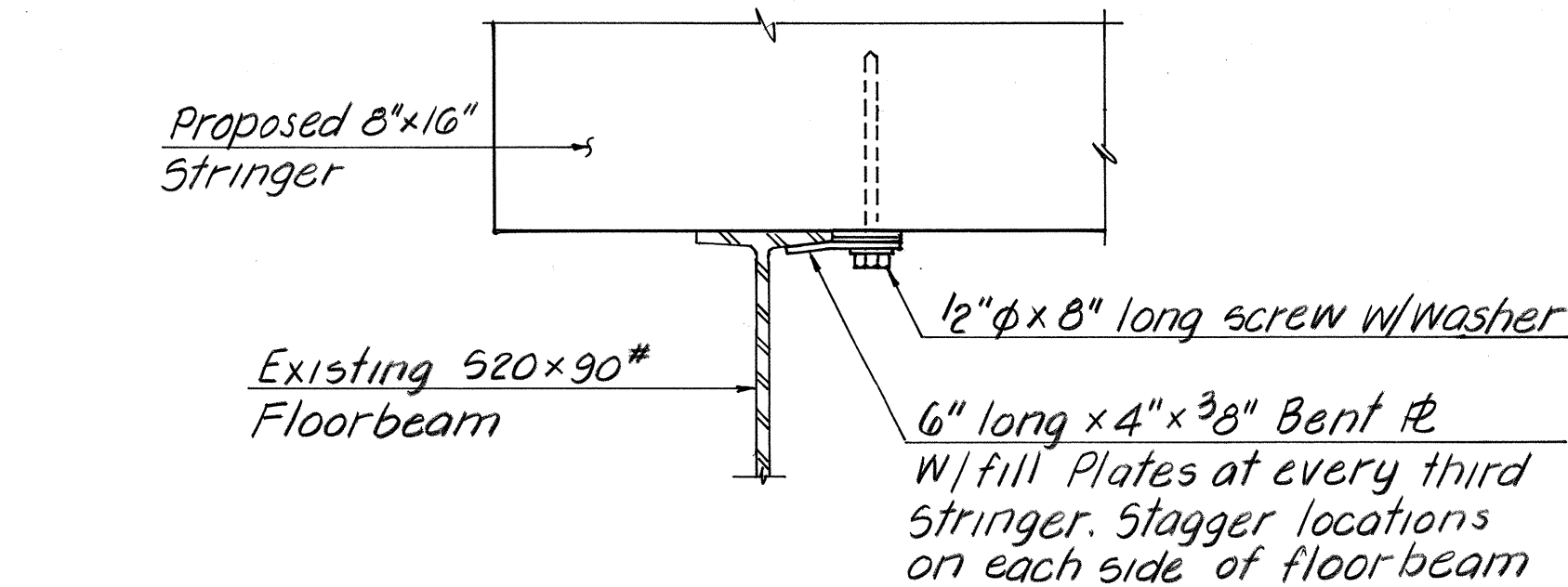
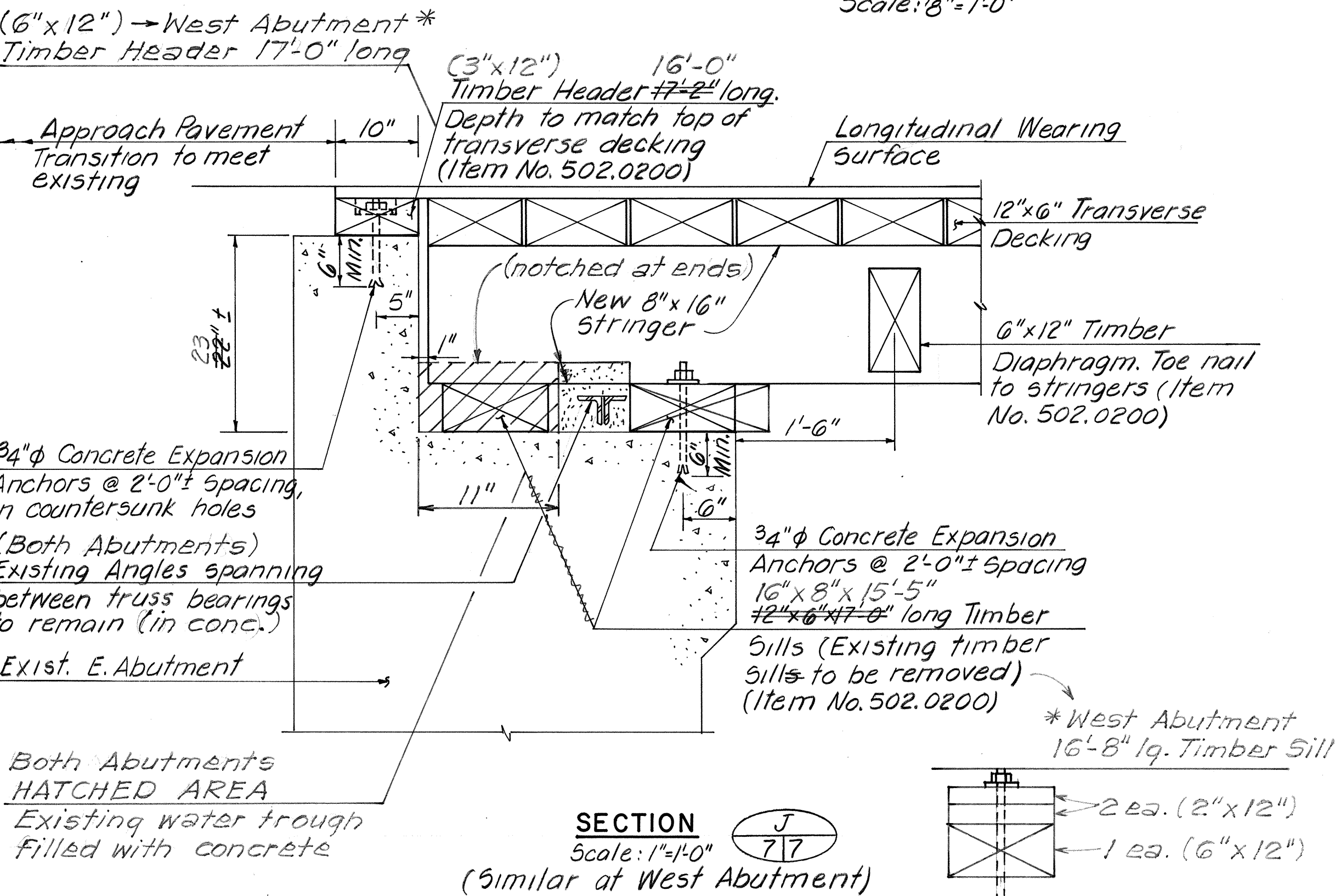


FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
HAWAII	HAW.	56D-01-87M	1988	8	9

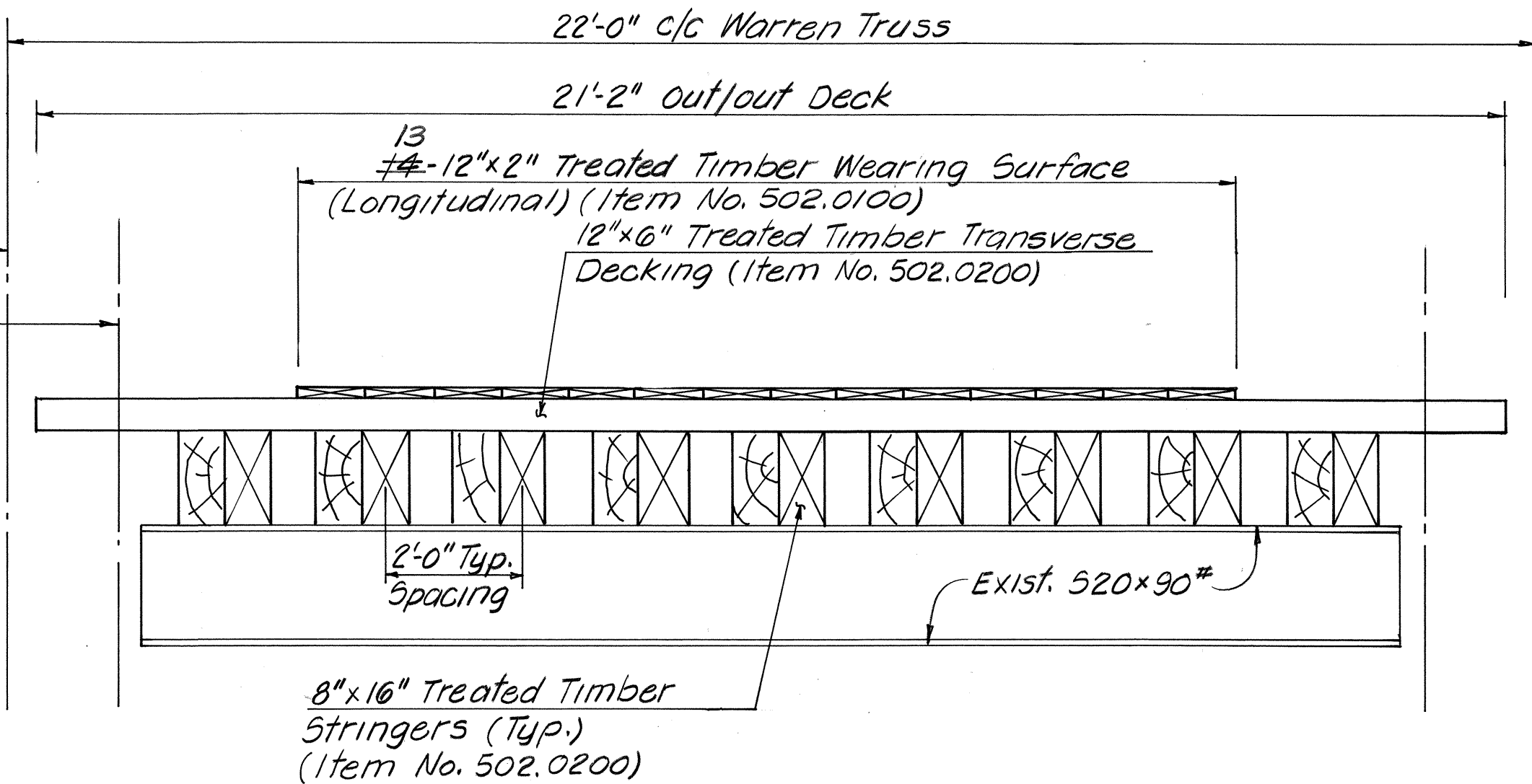


PROPOSED DECK PLAN
Scale: 1/8"=1'-0"

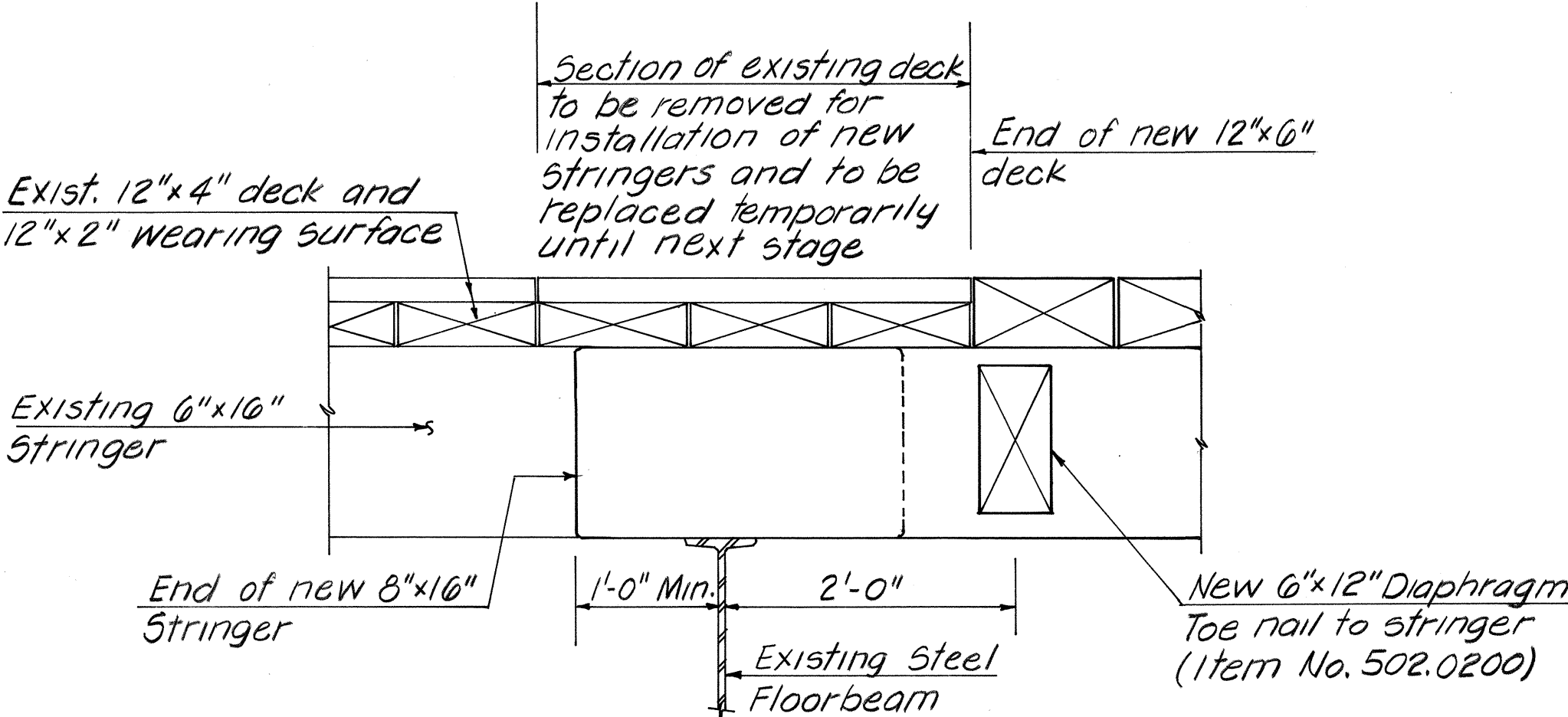


STRINGER - FLOORBEAM CONNECTION
N.T.S.

Warren Truss (Typ.)
Pratt Truss (Typ.)



PROPOSED DECK SECTION
Scale: 1/2"=1'-0"



DECK DETAIL FOR STAGE CONSTRUCTION
Scale: 1"=1'-0"

- NOTES FOR TIMBER DECK**
- The Timber Wearing Surface shall be surfaced one side (S/S) with rough side up, placed parallel to direction of traffic. Fasten with 40d nails.
 - The Transverse Decking shall be surfaced four sides (S/S) laid with 3/4" gap between them. Each plank shall be fastened to each stringer using a 1/2" round by 10" long lag screw, countersunk below the plank surface.
 - Prior to the placement of the decking a layer of tar paper (8" wide) shall be placed on top of each stringer.
 - Remove vegetation and debris from the abutments and floorbeams. Clean tops of floorbeams by wirebrushing and apply coat of red lead prior to placing stringers.
 - 6" x 12" Timber Diaphragms shall be toe nailed to stringers with 16d nails, two nails each side.
 - Within the context of the Contractor's method of construction, he should exercise care in salvaging, where possible, the existing 12" x 4" transverse timber decking. These planks shall be stockpiled at the Lihue end of the bridge, in an orderly fashion, for pick up by the Department. This work, and removal of all other timber members (wearing surface, stringers, sill beams etc.) shall be included for payment under item "Removal of Structures and Obstructions."

SURVEY PLOTTED BY	DATE
DRAWN BY	
DESIGNED BY	
CHECKED BY	
NO.	

THIS WORK WAS PREPARED BY
ME OR UNDER MY SUPERVISION

ABBA G. LICHTENSTEIN, P.E.
HAWAII LICENSE NO. 6112

A.G. LICHTENSTEIN & ASSOC. INC.
CONSULTING ENGINEERS
FAIR LAWN, NEW JERSEY
HONOLULU, HAWAII

STATE OF HAWAII DEPARTMENT OF TRANSPORTATION HIGHWAYS DIVISION KUHIO HIGHWAY REHABILITATION OF THE HANALEI BRIDGE DECK PLAN, SECTION & DETAILS PROJECT NO. 56D-01-87M SCALE: AS SHOWN DATE: MAY, 1988 SHEET NO. 7 OF 8 SHEETS
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