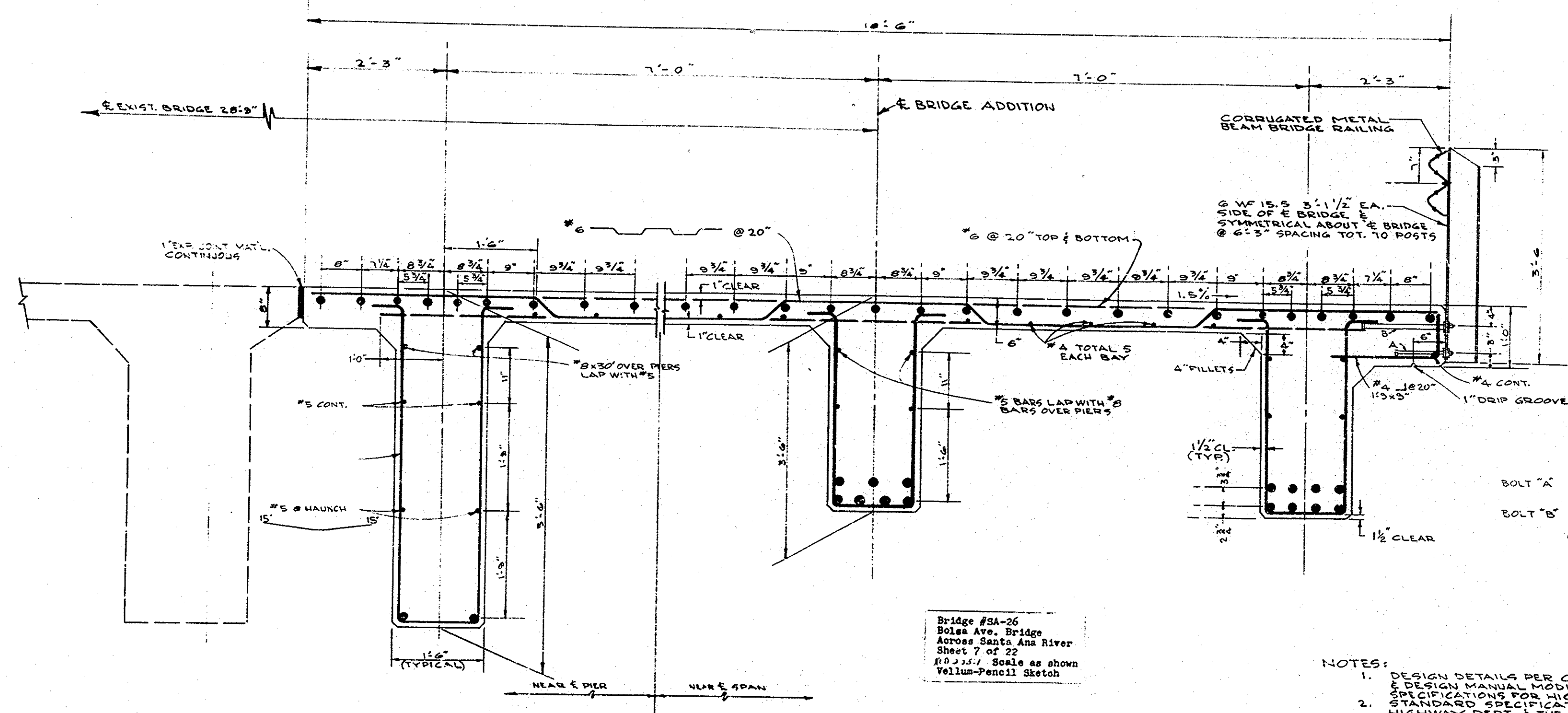
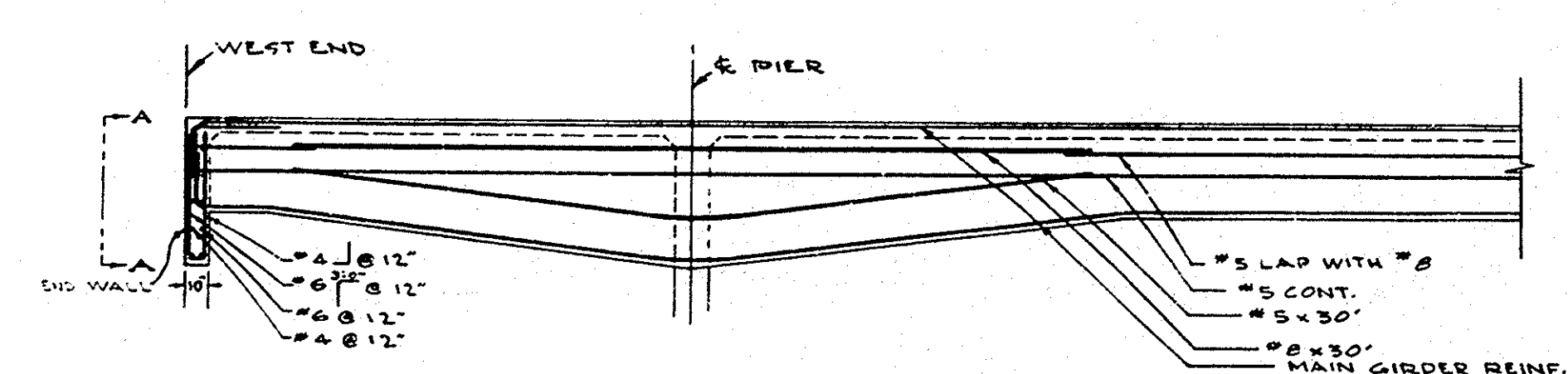
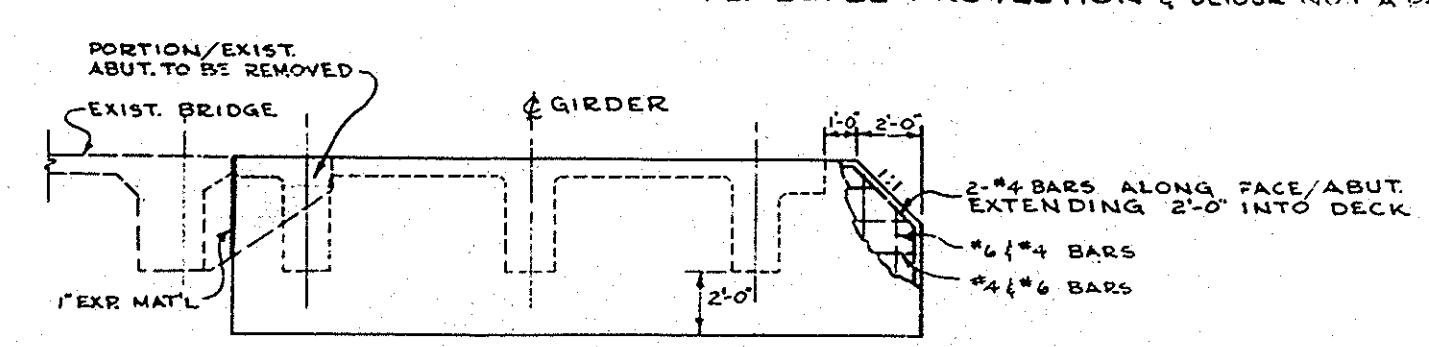




TYPICAL SECTION & STEEL PLACEMENT
SCALE: 1"=1'-0"



ABUTMENT REINFORCEMENT & PROFILE OF STEEL PLACEMENT
SCALE: 1/4"=1'-0"



SECTION A-A
SCALE: 1/4"=1'-0"

- NOTES:
- DESIGN DETAILS PER CALIFORNIA STATE BRIDGE PLANNING & DESIGN MANUAL MODIFIED BY O.C.H.D. OR A.A.S.H.O. SPECIFICATIONS FOR HIGHWAY BRIDGES.
 - STANDARD SPECIFICATIONS OF THE ORANGE COUNTY HIGHWAY DEPT. & THE SPECIAL PROVISIONS.
 - H20-44 LIVE LOAD.
 - PILES ARE REINF. CONC. WITH 45 TON BEARING.
 - UNIT STRESSES ARE AS FOLLOWS:
 $f_c = 1200 \text{ p.s.i.}$ EXCEPT AS NOTED
 $f_s = 10000 \text{ p.s.i.}$ FOR ROADWAY SLAB ON GIRDERS
 $f_s = 20000 \text{ p.s.i.}$ FOR GIRDERS
 $f_s = 10000 \text{ p.s.i.}$ FOR GIRDERS
 - ALL REINFORCEMENT IS A.S.T.M. - A 305 BARS. COVER FOR REINFORCEMENT IS 2" CLEAR UNLESS OTHERWISE NOTED.
 - REINFORCEMENT LAPPED 20 OR 35 DIA. AT SPLICES.
 - HOOKS & BAR SUPPORTS AS DETAILED IN A.C.I. MANUAL OF STANDARD PRACTICE.
 - ALL CONCRETE IS "CLASS A" USING TYPE II PORTLAND CEMENT.
 - ALL EXPOSED EDGES OF CONCRETE SHALL HAVE 1" CHAMFER UNLESS OTHERWISE NOTED.
 - LEVEE PROTECTION & DETOUR NOT A PART OF THIS CONTRACT.

ORANGE COUNTY HIGHWAY DEPARTMENT	
BOLSA AVE. BRIDGE ACROSS SANTA ANA RIVER	
TYPICAL SECTION & GENERAL NOTES	
SCALE: AS SHOWN	SHEET 6 OF 8

REPRODUCTION
JUN 30 1960