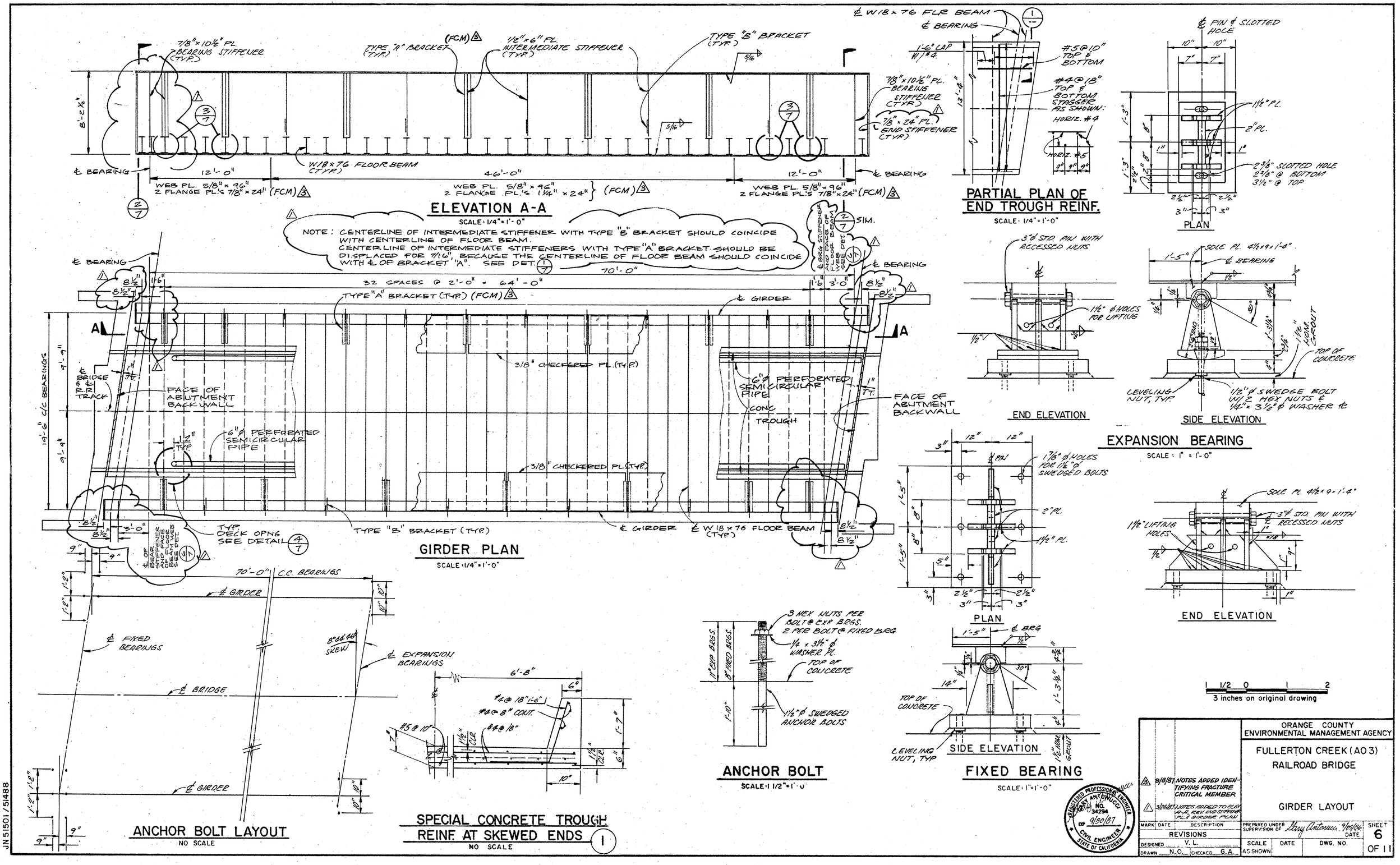
7/8"x10½" PL BEARING STIFFENER (TYP.)
TYPE "A" BRACKET (TYP.)
(FCM) 3
1/2"x6" PL INTERMEDIATE STIFFENER (TYP.)
TYPE "B" BRACKET (TYP.)
8'-2½"
℄ BEARING
12'-0"
W18x76 FLOOR BEAM (TYP.)
46'-0"
WEB PL. 5/8"x96" 2 FLANGE PL'S 7/8"x24" (FCM) 3
WEB PL. 5/8"x96" 2 FLANGE PL'S 1¼"x24" (FCM) 3
WEB PL. 5/8"x96" 2 FLANGE PL'S 7/8"x24" (FCM) 3
ELEVATION A-A
SCALE: 1/4"=1'-0"
NOTE: CENTERLINE OF INTERMEDIATE STIFFENER WITH TYPE "B" BRACKET SHOULD COINCIDE WITH CENTERLINE OF FLOOR BEAM. CENTERLINE OF INTERMEDIATE STIFFENERS WITH TYPE "A" BRACKET SHOULD BE DISPLACED FOR 7/16" BECAUSE THE CENTERLINE OF FLOOR BEAM SHOULD COINCIDE WITH ℄ OF BRACKET "A". SEE DET. 1/7
70'-0"
32 SPACES @ 2'-0" = 64'-0"
TYPE "A" BRACKET (TYP.) (FCM) 3
℄ GIRDER
3/8" CHECKERED PL. (TYP.)
℄ BRG. STIFFENER AND FACE OF FLOOR BEAM SEE DET.
℄ BRIDGE & ℄ R.R. TRACK
FACE OF ABUTMENT BACKWALL
6"ø PERFORATED SEMICIRCULAR PIPE
CONC. TROUGH
1½" TYP.
TYP. DECK OPNG SEE DETAIL 4/7
TYPE "B" BRACKET (TYP.)
℄ W18x76 FLOOR BEAM (TYP.)
GIRDER PLAN
SCALE: 1/4"=1'-0"
14'-6" C/C BEARINGS
9'-9"
70'-0" C.C. BEARINGS
℄ FIXED BEARINGS
8°44'48" SKEW
℄ EXPANSION BEARINGS
℄ BRIDGE
ANCHOR BOLT LAYOUT
NO SCALE
6'-8"
#4@18" 1'-6"
#4@8" CONT.
#5@10"
1'-7"
SPECIAL CONCRETE TROUGH REINF. AT SKEWED ENDS 1
NO SCALE
3 HEX NUTS PER BOLT @ EXP. BRGS. 2 PER BOLT @ FIXED BRG
1/4 x 3½" ø WASHER PL.
TOP OF CONCRETE
1½"ø SWEDGED ANCHOR BOLTS
1" EXP. BRGS.
8" FIXED BRGS.
1'-10"
ANCHOR BOLT
SCALE: 1 1/2"=1'-0"
℄ W18x76 FLR BEAM
℄ BEARING
1'-6" LAP W/ #4
#5@10" TOP & BOTTOM
#4@18" TOP & BOTTOM STAGGER AS SHOWN: HORIZ. #4
HORIZ. #5
PARTIAL PLAN OF END TROUGH REINF.
SCALE: 1/4"=1'-0"
℄ PIN & SLOTTED HOLE
1½"PL.
2"PL.
2⅜" SLOTTED HOLE 2⅜" @ BOTTOM 3½" @ TOP
PLAN
3"ø STD. PIN WITH RECESSED NUTS
1½" ø HOLES FOR LIFTING
END ELEVATION
SOLE PL. 4½x9x1'-4"
℄ BEARING
1¼" NON-SHRINK GROUT
TOP OF CONCRETE
LEVELING NUT, TYP.
1½"ø SWEDGE BOLT W/ 2 HEX NUTS & ¼"x3½"ø WASHER ℄
SIDE ELEVATION
EXPANSION BEARING
SCALE: 1"=1'-0"
1⅞" ø HOLES FOR 1½" ø SWEDGED BOLTS
2"PL.
1½"PL.
PLAN
SOLE PL. 4½x9x1'-4"
3"ø STD. PIN WITH RECESSED NUTS
1½" LIFTING HOLES
END ELEVATION
℄ BRG
TOP OF CONCRETE
LEVELING NUT, TYP
SIDE ELEVATION
FIXED BEARING
SCALE: 1"=1'-0"
1 1/2 0 1 2
3 inches on original drawing
REGISTERED PROFESSIONAL ENGINEER ANTONIO DINUCCI NO. 34294 CIVIL ENGINEER STATE OF CALIFORNIA
ORANGE COUNTY ENVIRONMENTAL MANAGEMENT AGENCY
FULLERTON CREEK (A03)
RAILROAD BRIDGE
GIRDER LAYOUT
MARK DATE DESCRIPTION
3 9/8/87 NOTES ADDED IDENTIFYING FRACTURE CRITICAL MEMBER
2 3/24/87 NOTES ADDED TO ELEV. A-A, REV END STIFFENER PL. & GIRDER PLAN
REVISIONS
PREPARED UNDER SUPERVISION OF Tony Antonucci 9/30/86 DATE
SHEET 6 OF 11
DESIGNED V.L.
DRAWN N.O. CHECKED G.A.
SCALE AS SHOWN
DATE
DWG. NO.
JN 51501 / 51488