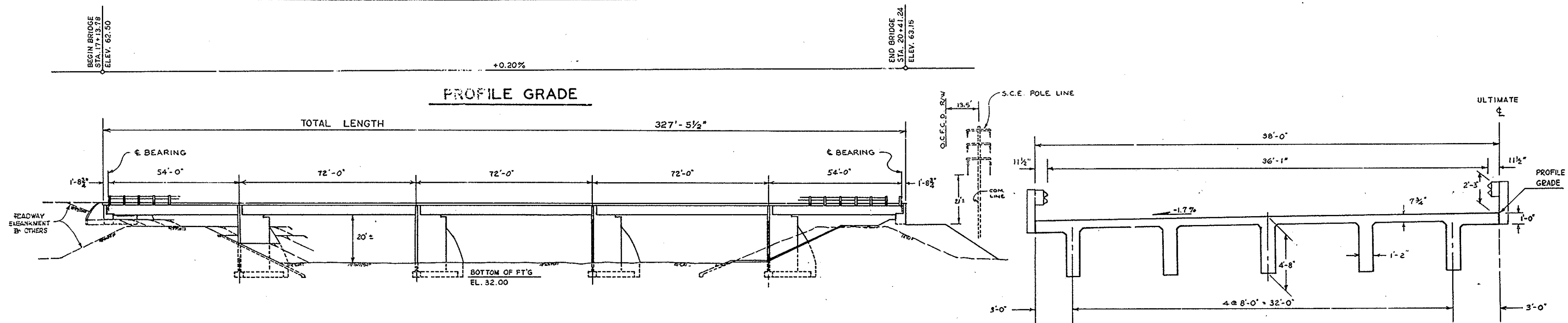


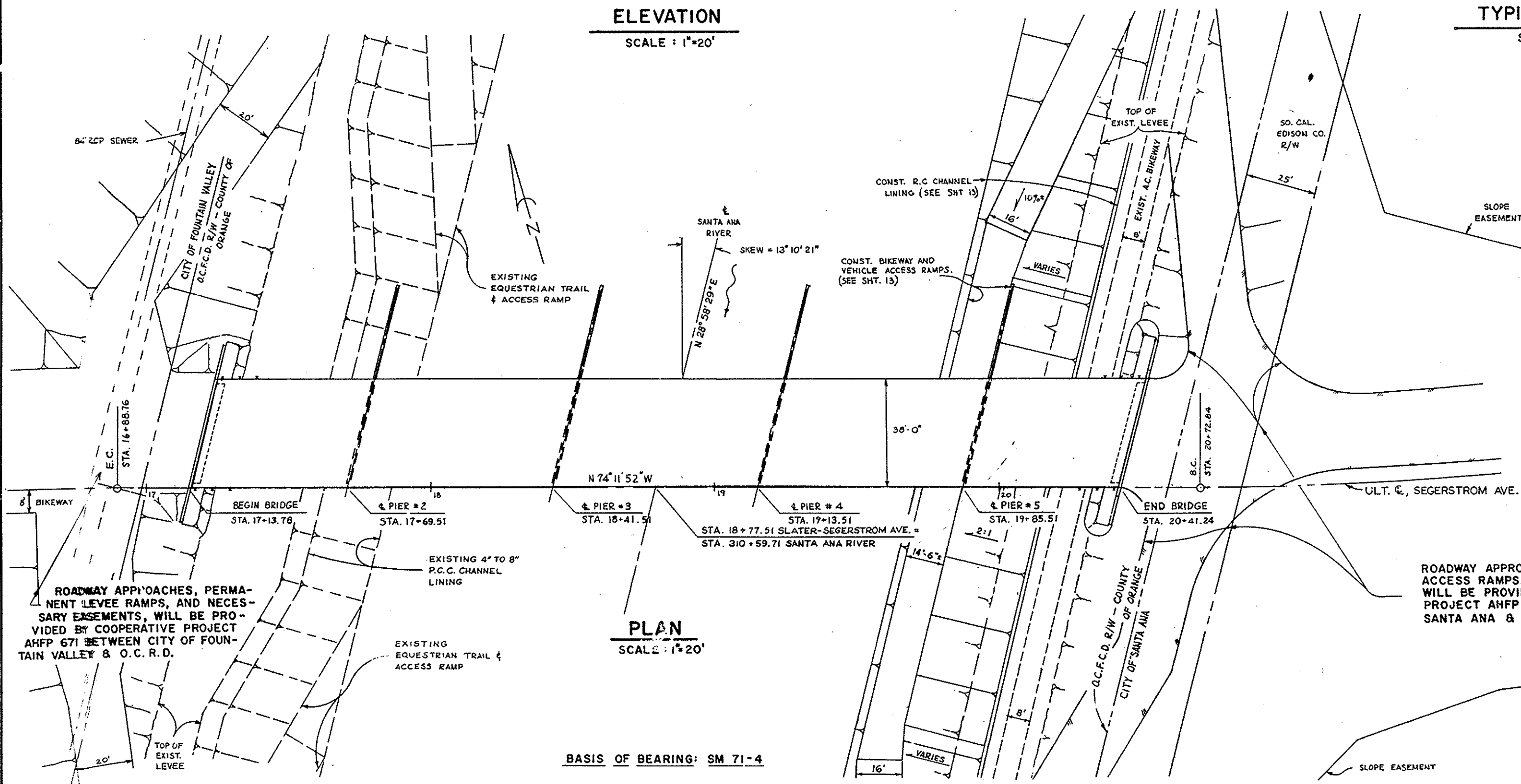


ELEVATION

SCALE: 1"=20'

TYPICAL SECTION

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



PLAN

SCALE: 1"=20'

BASIS OF BEARING: SM 71-4

APPROXIMATE BRIDGE QUANTITIES

REMOVE SLOPE PROTECTION	12 C.Y.
CLEARING & GRUBBING	L.S.
STRUCTURE EXCAVATION (BRIDGE)	520 C.Y.
STRUCTURE EXCAVATION (CHANNEL LINING)	3920 C.Y.
STRUCTURE BACKFILL (BRIDGE)	285 C.Y.
ROADWAY EMBANKMENT	2020 C.Y.
ASPHALT CONCRETE	50 TON
PLACE ASPHALT CONCRETE (MISCELLANEOUS AREAS)	270 S.Y.
FURNISH CONCRETE PILING (70 TON)	1865 L.F.
DRIVE CONCRETE PILE (70 TON)	62 EA.
JOINT SEAL (TYPE B1)	78 L.F.
GRAVEL BLANKET	95 TON
METAL BEAM BRIDGE RAIL	627 L.F.

FINAL BRIDGE QUANTITIES

CLASS "A" CONCRETE (CHANNEL)	557 C.Y.
STRUCTURE CONCRETE	1027 C.Y.
BAR REINFORCING STEEL	284,000 LB.

ROADWAY APPROACHES, PERMANENT LEVEE ACCESS RAMPS, AND NECESSARY EASEMENTS, WILL BE PROVIDED BY COOPERATIVE PROJECT AHFP 668 BETWEEN CITY OF SANTA ANA & ORANGE COUNTY ROAD DEPT.

811559
BRIDGE SA-31
SHEET 2 OF 10
R.D. 22.51L
CROSS SECTION

ORANGE COUNTY ROAD DEPARTMENT	
SLATER-SEGERSTROM BRIDGE	
SA-31	
GENERAL PLAN AND PROFILE	
AS SHOWN	1"=1' 6" OF 14

DR. 12 (11359)