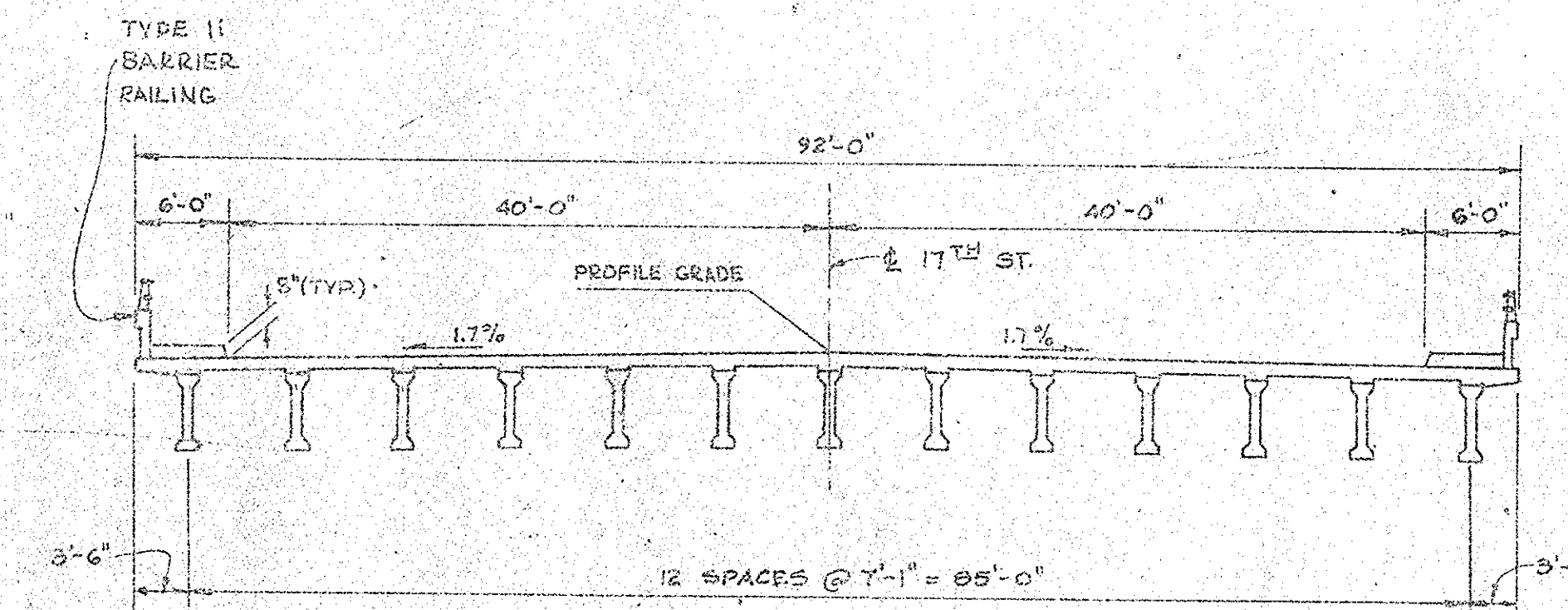
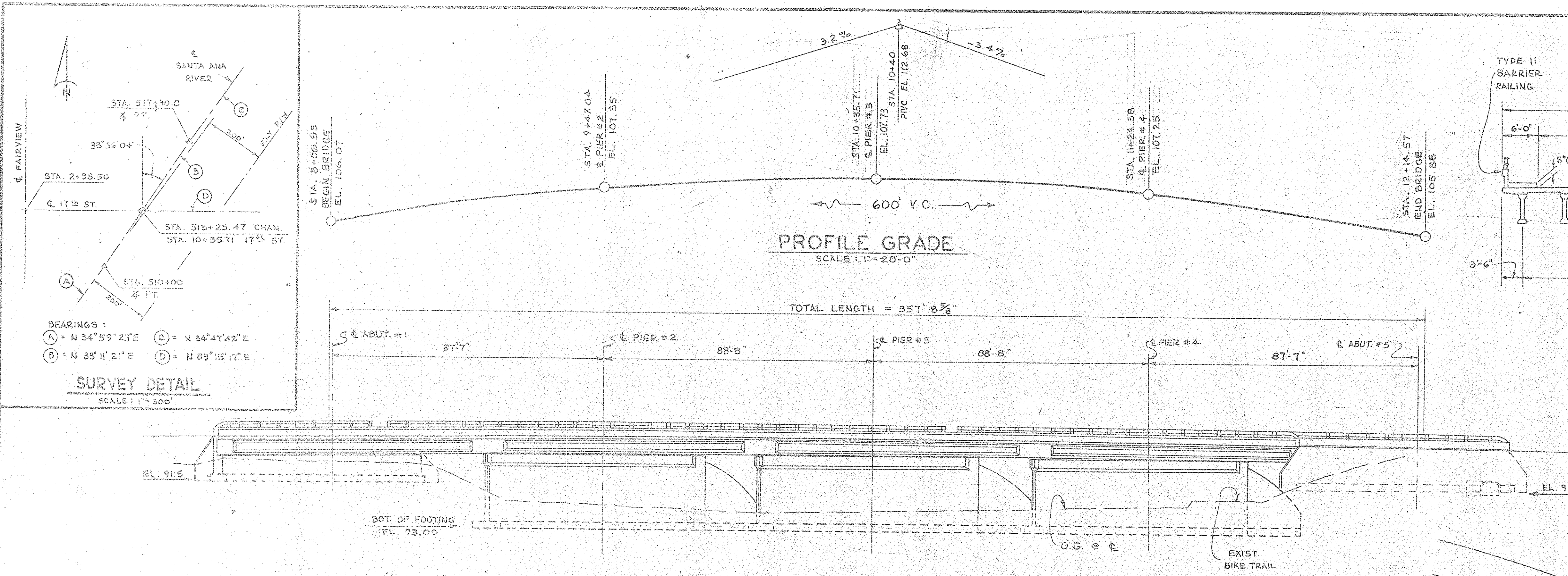




TYPICAL SECTION
SCALE: 1/2" = 1'-0"

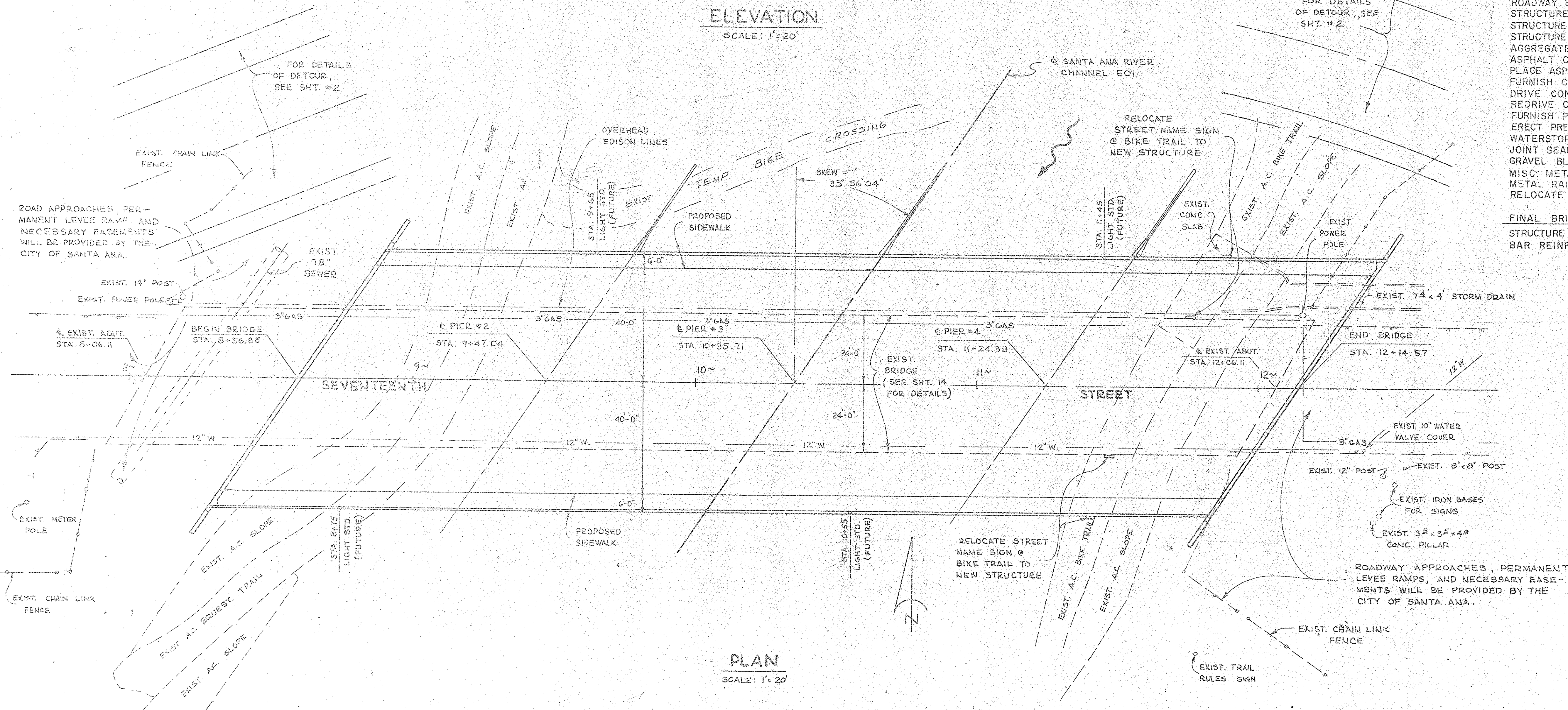
ELEVATION
SCALE: 1" = 20'

APPROXIMATE BRIDGE QUANTITIES

TEMPORARY METAL BEAM RAILING	1020 L.F.
TEMPORARY RAILING (TYPE K)	100 L.F.
TEMPORARY DETOUR CULVERT	314 L.F.
TEMPORARY GUIDE MARKERS	14 EA.
TEMPORARY SIGNS (BIKE TRAIL)	25 EA.
REMOVE PAINTED TRAFFIC STRIPE	410 L.F.
SALVAGE CHAIN LINK GATES	2 EA.
SALVAGE CULVERT	20 L.F.
RECONSTRUCT LEVEE	L.S.
OBLITERATE SURFACING	4,750 S.Y.
BRIDGE REMOVAL	L.S.
CLEARING & GRUBBING	L.S.
ROADWAY EXCAVATION	12,700 C.Y.
STRUCTURE EXCAVATION	2,900 C.Y.
STRUCTURE BACKFILL (METHOD A)	330 C.Y.
STRUCTURE BACKFILL (METHOD B)	2,175 C.Y.
AGGREGATE BASE	1,425 TON
ASPHALT CONCRETE	970 TON
PLACE ASPHALT CONCRETE (MISC. AREAS)	650 S.Y.
FURNISH CONCRETE PILING (45 TON)	6,050 L.F.
DRIVE CONCRETE PILE (45 TON)	262 EA.
REDRIVE CONCRETE PILE	262 EA.
FURNISH PRECAST PRESTRESSED CONCRETE GIRDERS	52 EA.
ERECT PRECAST PRESTRESSED CONCRETE GIRDERS	52 EA.
WATERSTOP	222 L.F.
JOINT SEAL (TYPE B-1)	222 L.F.
GRAVEL BLANKET	320 TON
MISC. METAL (RESTRAINER)	200 LB.
METAL RAILING (TYPE II)	716 L.F.
RELOCATE ROADSIDE SIGNS	5 EA.

FINAL BRIDGE QUANTITIES

STRUCTURE CONCRETE	2,590 C.Y.
BAR REINFORCING STEEL	508,200 LB.



ORANGE COUNTY ROAD DEPARTMENT

SEVENTEENTH STREET BRIDGE
SA-20
ACROSS SANTA ANA RIVER

GENERAL PLAN

1" = 20'

6 OF 20

DR. #17 (12315)