

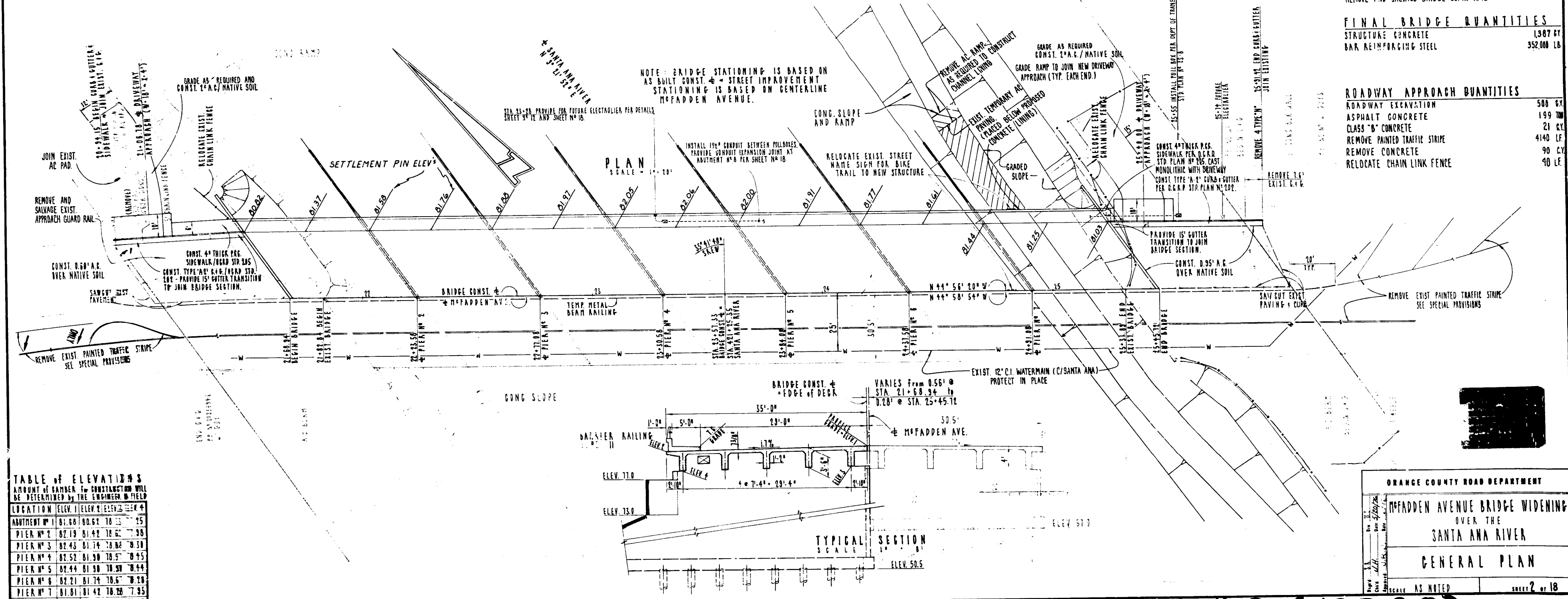
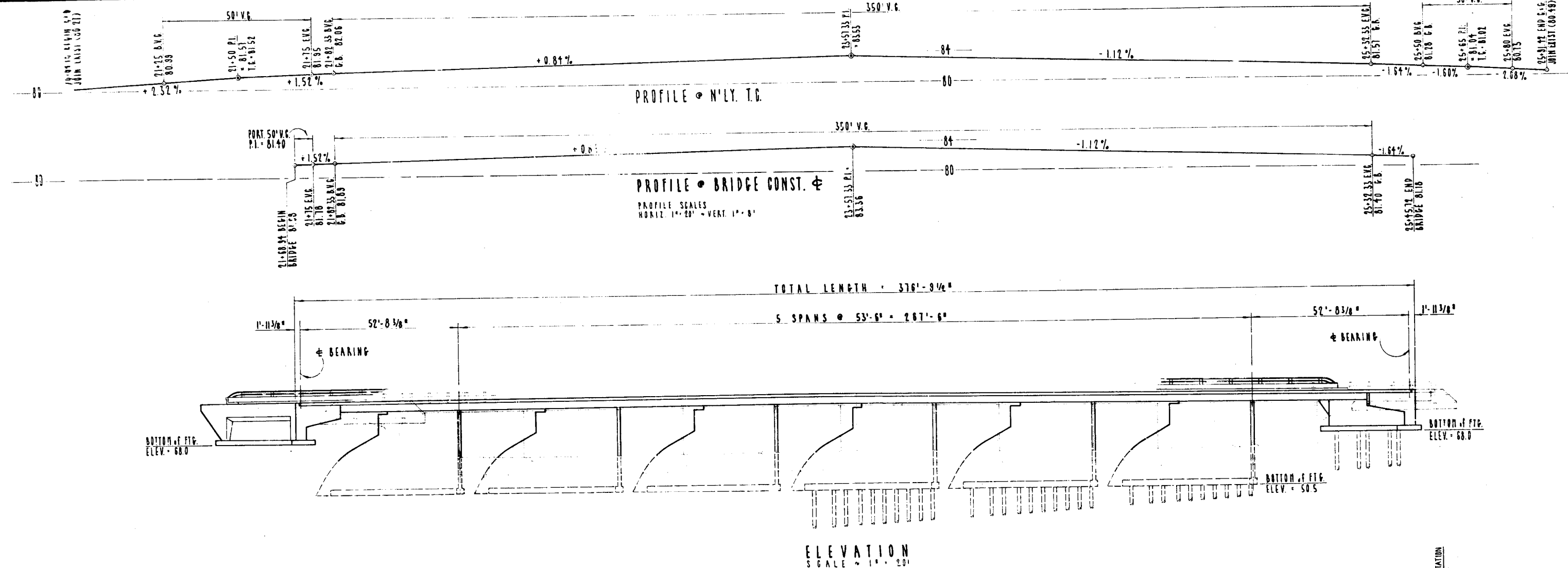


TABLE OF ELEVATIONS
AMOUNT OF RAMP TO CONSTRUCTION WILL BE DETERMINED BY THE ENGINEER IN FIELD

LOCATION	ELEV. 1	ELEV. 2	ELEV. 3	ELEV. 4
ABUTMENT #1	81.60	80.62	78.13	75.25
PIER #2	82.19	81.42	78.62	75.98
PIER #3	82.43	81.74	78.84	76.38
PIER #4	82.52	81.90	78.95	76.45
PIER #5	82.44	81.90	78.98	76.44
PIER #6	82.21	81.74	78.65	76.18
PIER #7	81.81	81.42	78.28	75.95
ABUTMENT #8	81.10	80.34	77.65	75.47

GENERAL NOTES

SPECIFICATIONS: A.A.S.H.O. DATED 1973 WITH SUBSEQUENT REVISIONS
 DESIGN: STATE OF CALIFORNIA, DIVISION OF HIGHWAYS
 BRIDGE PLANNING AND DESIGN MANUAL
 VOLUMES I AND II
 CONSTRUCTION: STATE OF CALIFORNIA, DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS DATED JANUARY 1975 AND THE SPECIAL PROVISIONS
 LIVE LOADING: HS 20-44 AND ALTERNATE
 CONCRETE: CONCRETE SHALL BE TYPE II PORTLAND CEMENT AND SHALL BE CLASS 'D' IN THE DECK SLAB AND CLASS 'A' OTHERWISE, IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS. ALL CONCRETE SHALL HAVE THE FOLLOWING DESIGN PROPERTIES:
 $f'_c = 3250 \text{ psi}$ @ 28 DAYS, $f_y = 1350 \text{ psi}$, $n = 10$ AND $V_c = 54 \text{ psi}$.
 REINFORCING STEEL: REINFORCING STEEL SHALL BE DEFORMED BILLET-STEEL BARS CONFORMING TO ASTM A615, GRADE 60 AND SHALL HAVE THE FOLLOWING DESIGN PROPERTIES: $f_y = 24,000 \text{ psi}$, EXCEPT DECK SLAB AND WEB REINFORCING SHALL BE $f_y = 20,000 \text{ psi}$.
 PILING TYPE: CLASS 70

APPROXIMATE BRIDGE QUANTITIES

STRUCTURE EXCAVATION (BRIDGE)	1585 CY
STRUCTURE BACKFILL (METHOD A)	527 CY
STRUCTURE BACKFILL (METHOD C)	644 CY
FURNISH CONCRETE PILING (CLASS 70)	3,682 LF
DRIVE CONCRETE PILING (CLASS 70)	88 EA
JOINT SEAL (TYPE B-1)	87 LF
GRAVEL BLANKET	170 TON
METAL RAILING TYPE II	377 LF
TEMPORARY METAL BEAM RAILING	535 LF
CONCRETE SLOPE PROTECTION	240 CY
REMOVE AND SALVAGE BRIDGE GUARD RAIL	377 LF

FINAL BRIDGE QUANTITIES

STRUCTURE CONCRETE	13,887 CY
BAR REINFORCING STEEL	352,000 LB

ROADWAY APPROACH QUANTITIES

ROADWAY EXCAVATION	500 CY
ASPHALT CONCRETE	1,99 TON
CLASS 'B' CONCRETE	21 CY
REMOVE PAINTED TRAFFIC STRIPE	4140 LF
REMOVE CONCRETE	90 CY
RELOCATE CHAIN LINK FENCE	40 LF

DR.#13 (12300)