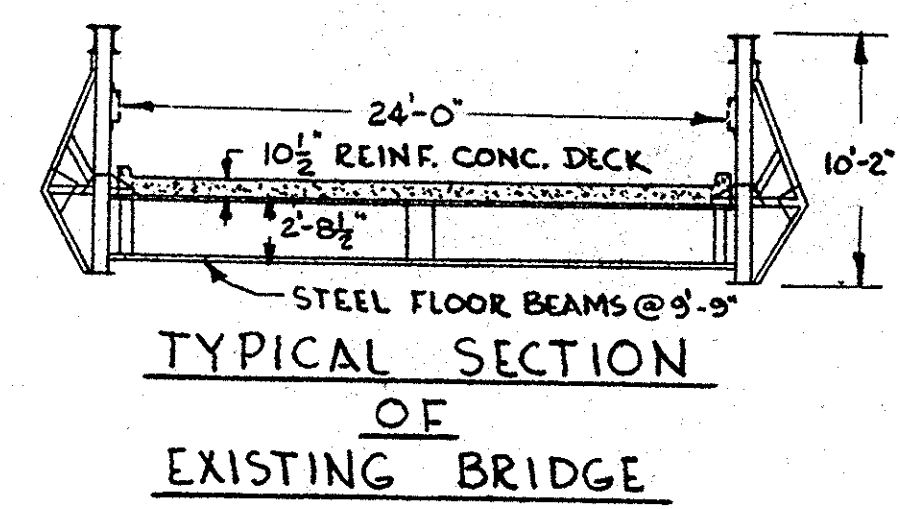
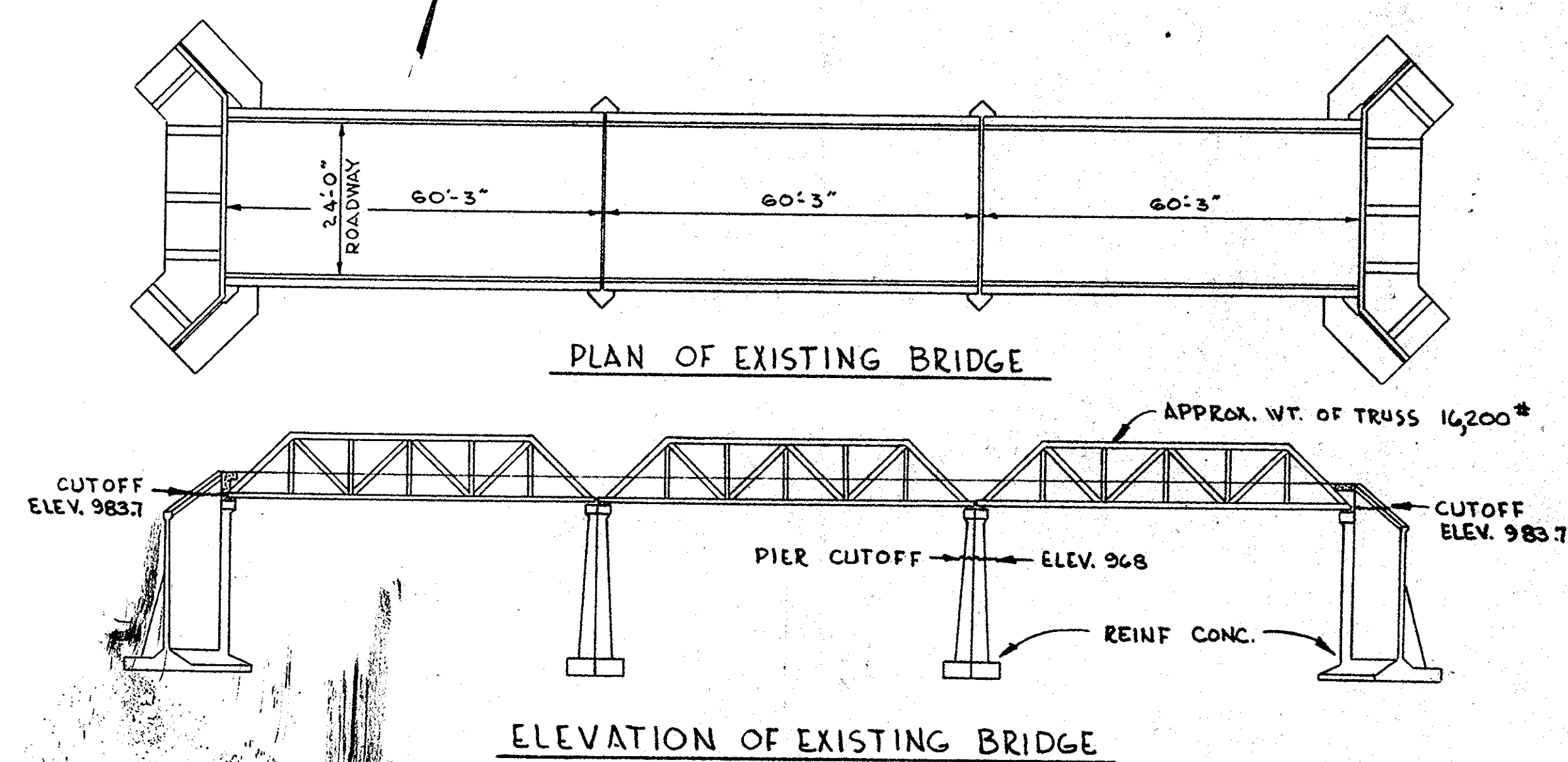
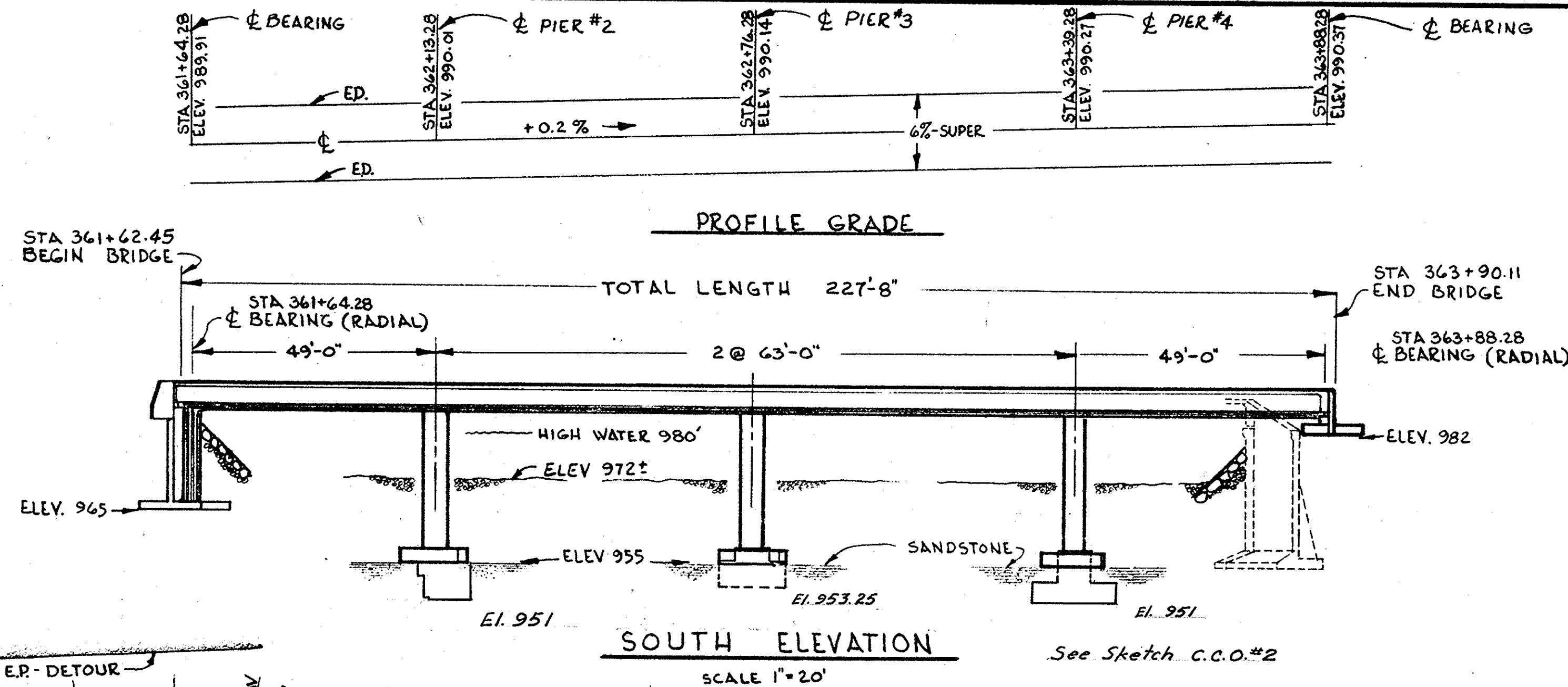


D. E. Bourgeois
 BRIDGE ENGINEER CIVIL ENGINEER—LICENSE 5588
 APPROVED September 4, 1962

D. E. Bourgeois
 BRIDGE PLANNING ENGINEER
 DATE



APPROX. TOTAL QUANTITIES
 FOR EXISTING BRIDGE
 (NOT REMOVAL QUANTITIES)

CONCRETE	630 CY.
BAR REINF.	64000 LBS.
STRUCT. STEEL	76 TONS.

INDEX TO SHEETS

SHEET #	
1	GENERAL PLAN
2	PIER DETAIL
3	ABUTMENT DETAIL - WEST
4	ABUTMENT DETAIL - EAST
5	TYPICAL SECTION
6	SUPERSTRUCTURE LAYOUT
7	GIRDER REINFORCEMENT
8	MISCELLANEOUS DETAILS
9	RAIL DETAIL
10	LOG OF TEST BORINGS

AS BUILT

CONTRACT NO. 63-7Y24C3-P
 RESIDENT ENGR. D. E. Bourgeois
 DATE 6/21/63

C-55C38-1

ORANGE COUNTY HIGHWAY DEPARTMENT

**SANTIAGO CANYON
 BRIDGE SC-9**

GENERAL PLAN

SCALE AS NOTED

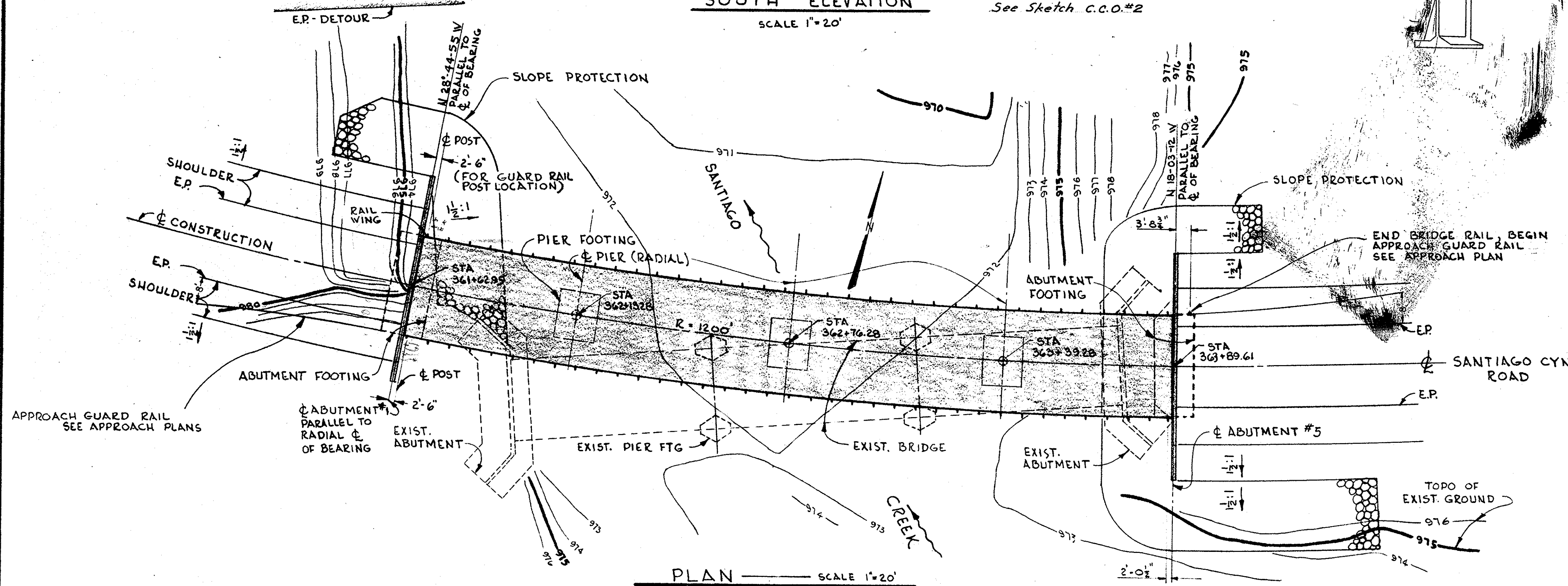
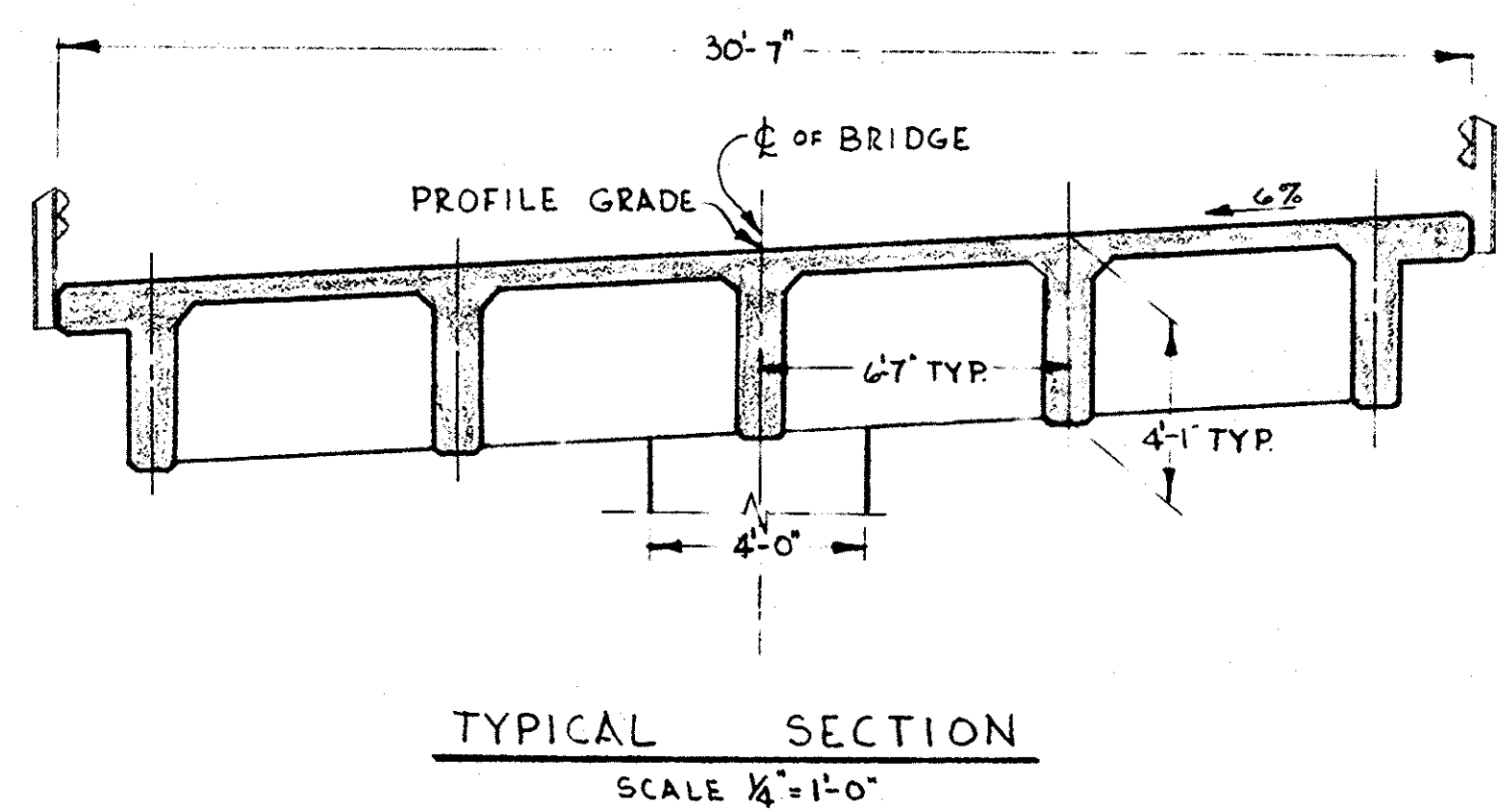
SHEET 14 OF 23

BENCH MARK

3D-27-57
 OCS B.M. TAG STAMPED "RE 7872" ABOUT .3 MILE NW
 ALONG SANTIAGO CYN. RD. FROM THE JUNCTION OF
 SILVERADO CYN. RD. 19' N OF ϕ OF RD. 45' NE
 PP#1174735 E 2' N OF END OF NW WINGWALL OF
 A CULVERT - 1958 ELEV. 987.332

APPROXIMATE QUANTITIES

Remove Portions of Bridge	Lump Sum
Structure Excavation	750 C.Y.
Structure Backfill	700 " "
* Class "A" Concrete (Bridge)	600 " "
Joint Sealer	61 L.F.
* Bar Reinforcing Steel (Bridge)	148,000 Lbs.
Miscellaneous Metal Bridge	4,100 " "
Metal Beam Bridge Railing	452 L.F.
* Final Quantities	



Structural Details
 Checked by *[Signature]*
 Revised by *[Signature]*
 Approved *[Signature]*

Specifications DAB 7-62