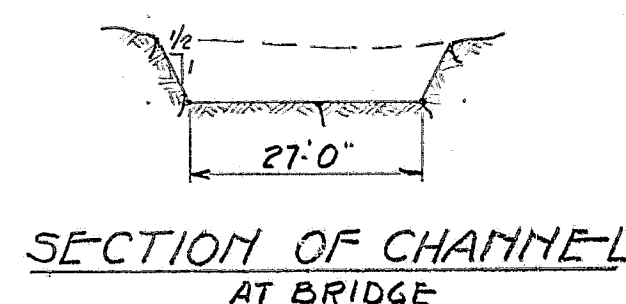
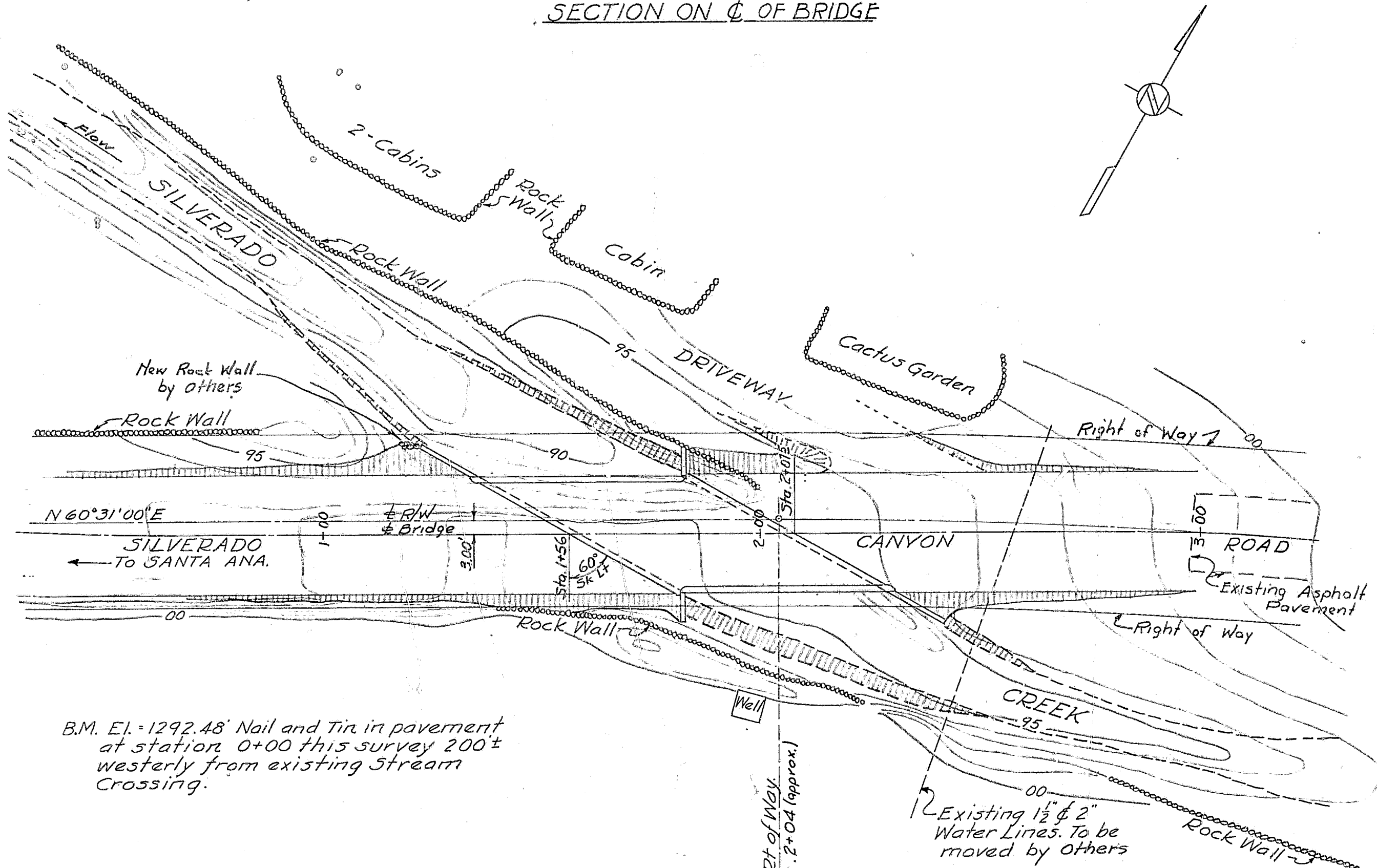
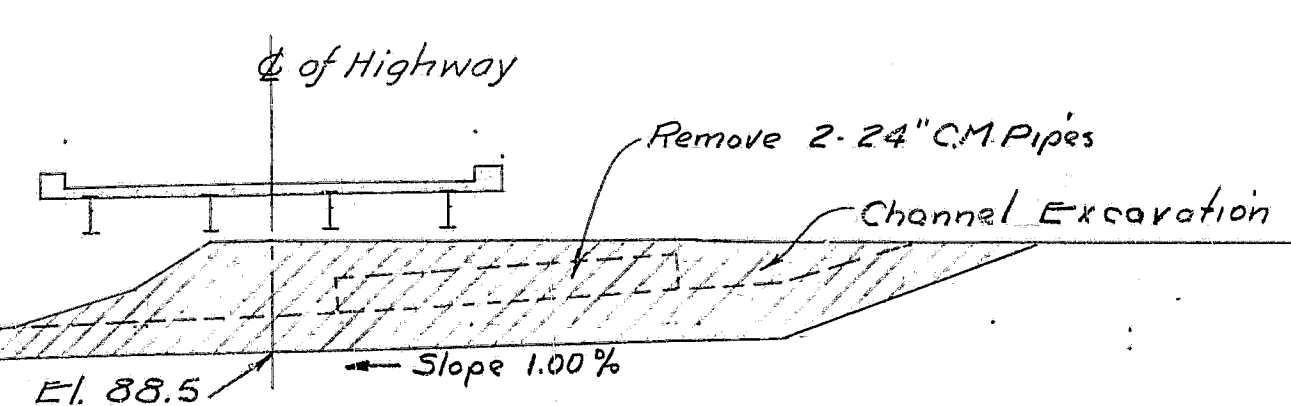


SECTION ON C OF BRIDGE



PLAN



PROFILE OF CHANNEL

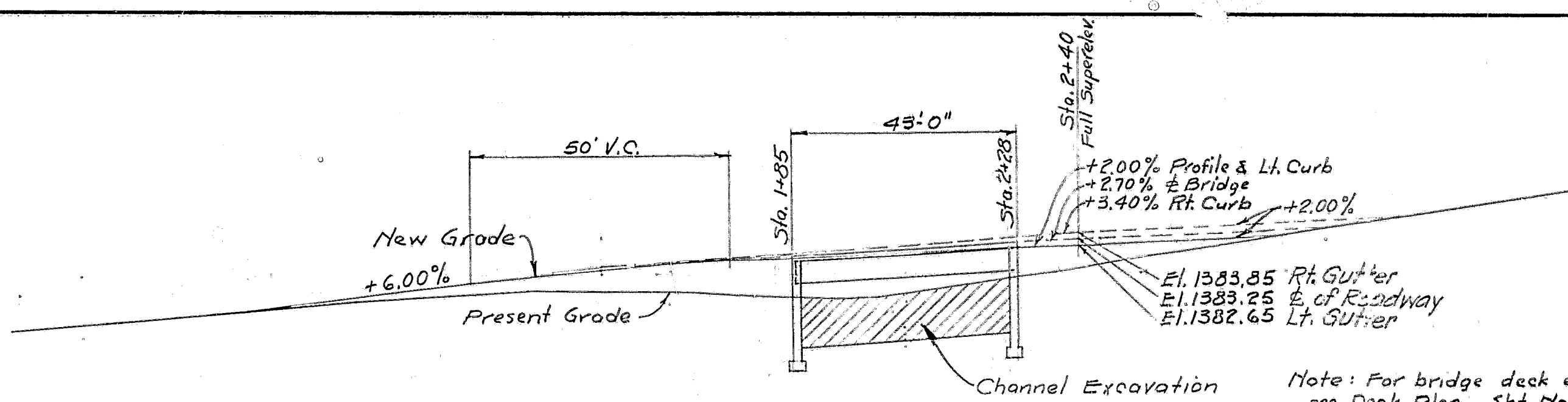
BRIDGE SV-10
Scale: Horiz. 1"=20'-0"
Vert. 1"=10'-0"

GENERAL NOTES

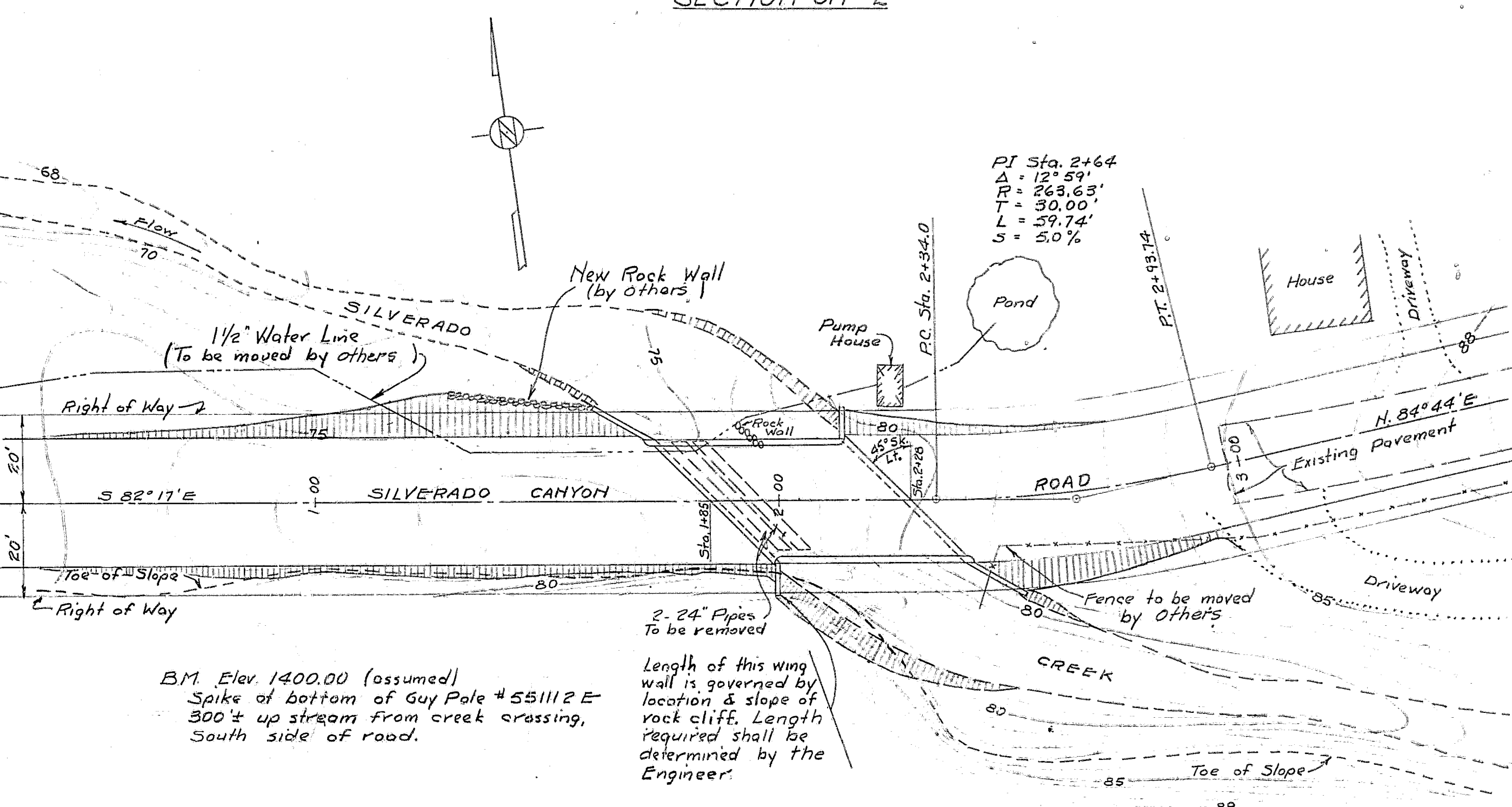
Material & Workmanship shall conform to the specifications accompanying these drawings and to the drawings.
Structural Steel consists of beams, bearing plates, beam anchor bolts and channel diaphragms and will be furnished by the County, erected under this contract.
Structure Cores shall be class "A" containing six sacks of cement per cubic yard, chamfer all exposed edges of concrete 1" or as shown on the drawing.
Bar Reinforcement shall be structural grade deformed bars, A.S.T.M. designation A-15. Bar embedment is shown to the center of the bar except where "clear distance" is indicated. All bar splices not otherwise indicated shall be a minimum of 40 diameters of the bar.
Facing Elevations shown on the drawings are approximate. Exact facing grades will be determined by the Engineer after foundation material has been exposed.

GENERAL NOTES (CONTINUED)

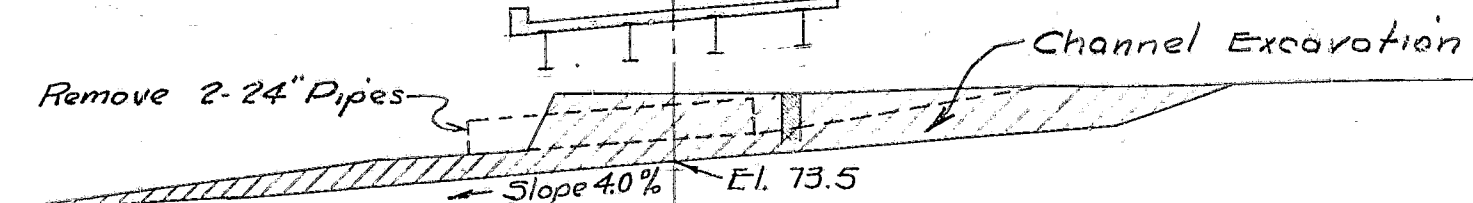
Design Loading: American Association of State Highway Officials Specifications 1944, H-15 Loading.
Working Stresses: $f_c = 1000$ p.s.i., $n = 10$, $f_s = 18,000$ p.s.i.
Earthquake: Seismic force = 6% of dead load.
Stress Combination:
Dead Load + Live Load + Impact = 100% working stress.
Dead Load + Live Load + Wind = 125% working stress.
Dead Load + Earthquake = 133% working stress.
Approach fills, surfacing, channel excavation, and removal of existing concrete pavement, rubble walls and culverts are not a part of this contract.
Structure excavation for bridge footings is to be done under this contract.



SECTION ON D OF BRIDGE



SECTION OF CHANNEL AT BRIDGE



PROFILE OF CHANNEL

BRIDGE SV-11
Scale: Horiz. 1"=20'-0"
Vert. 1"=10'-0"

APPROVED: A.A. BEARD
SUPERINTENDENT OF HIGHWAYS

DATE: 8-8-46
By: H. Sprengel, Actg. Supt.

ORANGE COUNTY CALIFORNIA
BRIDGES ACROSS SILVERADO, LADD
& SANTIAGO CREEKS
GENERAL PLAN
SILVERADO CREEK (SV 10) & (SV 11)

DESIGNED BY: DONALD R. WARREN CO.
ENGINEERS
LOS ANGELES SAN FRANCISCO
DRAWN BY: J.S.
CHECKED BY: J.S.
DATE: 7/1/46
DRAWING NO. 3

REV. NO.	DATE	REVISION	MADE BY	CHK. BY	APP. BY

MICROFILMED
JUL 6 1964