

BRIDGE CONSTRUCTION SEQUENCE

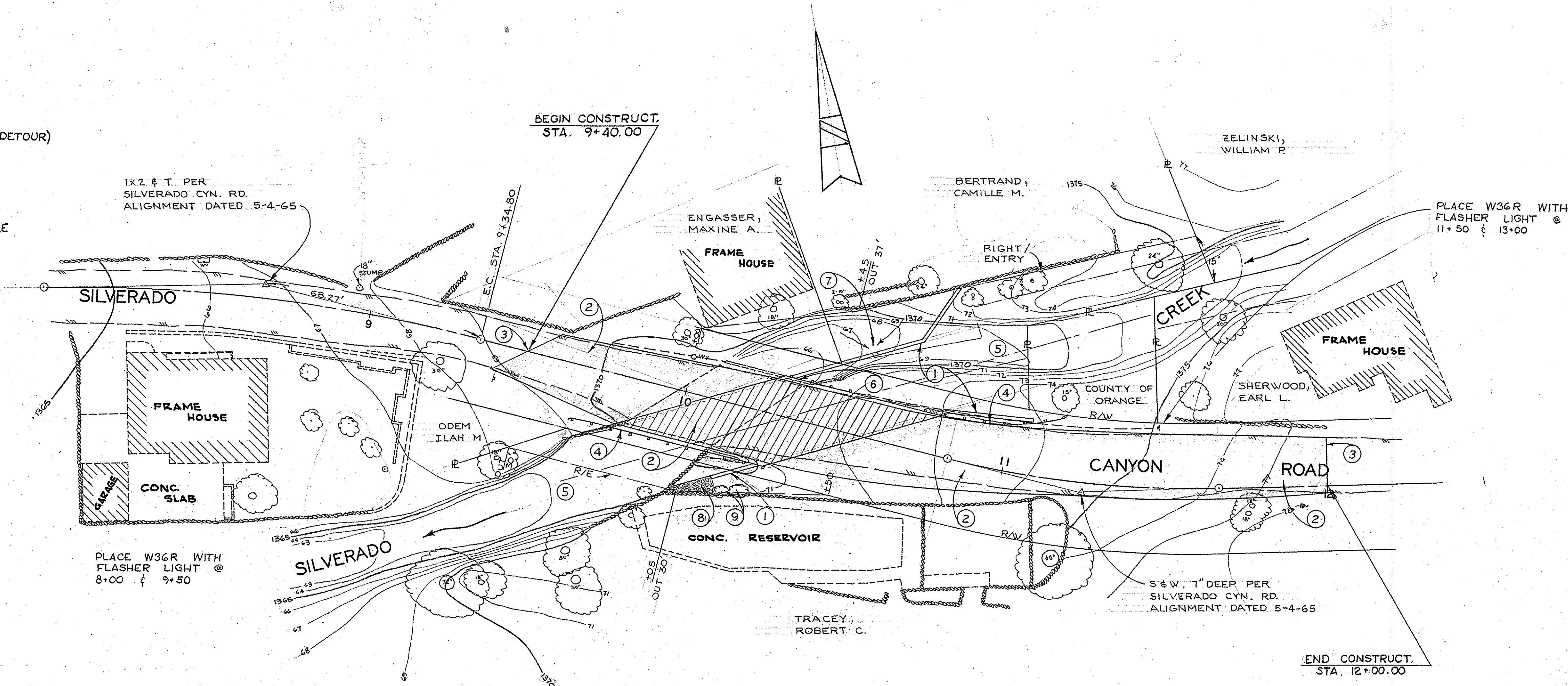
- ① REMOVE S'LY * HALF OF EXIST. PRECAST DECK UNIT BRIDGE, CONSTRUCT TEMPORARY GUARD RAIL AND DETOUR TRAFFIC OVER REMAINING 12'
 - ② CONSTRUCT STAGE ONE* OF NEW BRIDGE. (PLACE 3 DECK UNITS FOR DETOUR)
 - ③ PLACE TEMPORARY GUARD RAIL ON NEW BRIDGE & DETOUR TRAFFIC OVER STAGE ONE*
 - ④ REMOVE REMAINING HALF OF EXIST BRIDGE AND CONSTRUCT STAGE TWO* OF NEW BRIDGE
- * STAGE ONE AND STAGE TWO CONST. ARE CONSIDERED INTERCHANGEABLE WHEN APPROVED BY THE ENGINEER.

CONSTRUCTION NOTES

- ① CONSTRUCT RETAINING WALLS PER DETAILS SHT'S. #9 & 10
- ② CONSTRUCT VAR. A.C. CAP
- ③ JOIN EXIST.
- ④ CONSTRUCT GUARDRAIL PER DETAILS SHT #6
- ⑤ REGRADE EXIST. CHANNEL AS SHOWN ON CHANNEL CROSS-SECTIONS SHT. # 12 (CHANNEL STA. 9+40 TO 11+00)
- ⑥ RELOCATE EXIST. 8" WATER LINE & WATER VALVE BY OTHERS
- ⑦ PLACE FILL BEHIND RETAINING WALL TO DRAIN TO OPENING (SEE SHEET #10)
- ⑧ CONSTRUCT GROUTED ROCK WALL AS SHOWN ON SHT. #9, 10, & 12
- ⑨ REMOVE TREES

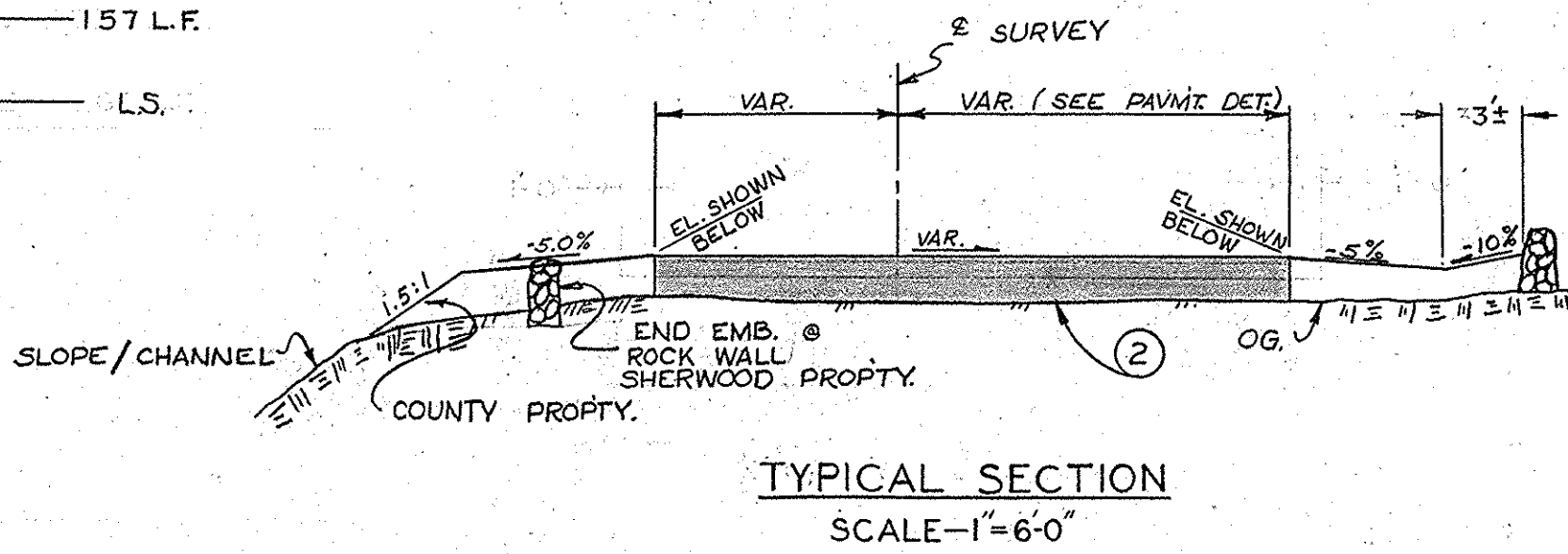
APPROXIMATE QUANTITIES BRIDGE SV-14

- | | |
|---|--|
| 1. REMOVE & SALVAGE EXIST—L.S. BRIDGE DECK | 8. CLASS "A" R.C.C. ————— 273 C.Y. |
| 2. ROADWAY EXCAVATION ————— 410 C.Y. | 9. BAR REIN ————— 36,300 LBS. |
| 3. STRUCTURE EXCAVATION — 721 C.Y. | 10. GROUTED ROCK SLOPE ————— L.S. PROTECTION |
| 4. STRUCTURE BACKFILL ————— 614 C.Y. | 11. METAL BEAM BRIDGE ————— 157 L.F. RAIL. |
| 5. ASPHALT CONCRETE ————— 400 TON | 12. TEMP. BRIDGE RAIL ————— L.S. |
| 6. PLACE DECK UNITS ————— 7 | |
| 7. FURNISH PRECAST, PRESTRESS—7 DECK UNITS L=49'-0" | |

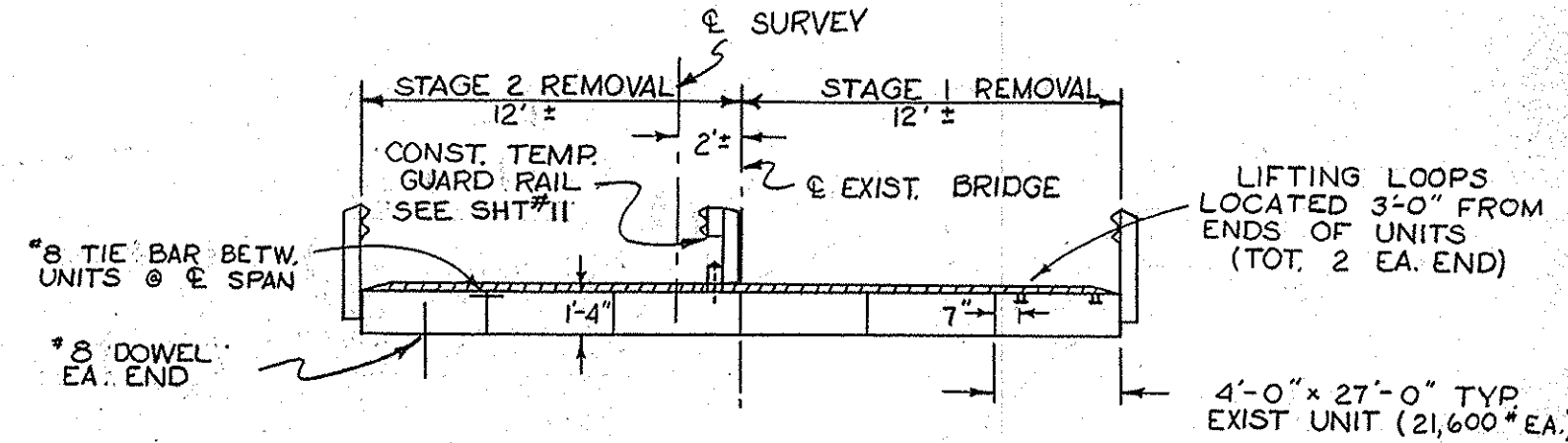


PLAN
SCALE 1"=20'

NOTE: EXIST. CONTOURS SHOWN ARE APPROXIMATE ONLY

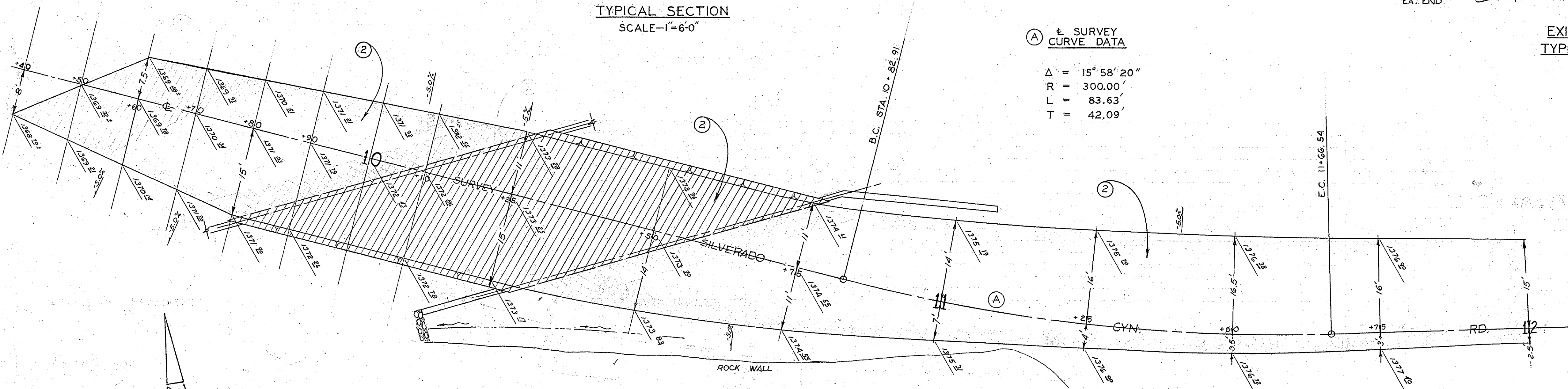


TYPICAL SECTION
SCALE—1"=6'-0"



EXISTING BRIDGE
TYPICAL SECTION
SCALE—1"=6'-0"

① & SURVEY
CURVE DATA
 $\Delta = 15^\circ 58' 20''$
 $R = 300.00'$
 $L = 83.63'$
 $T = 42.09'$



PAVEMENT DETAILS
SCALE 1"=10'-0"

BENCH MARK

3V-7-63 OCS BM DISC STAMPED
"RCE 7872", ON SILVERADO CYN. RD.
3.5 MI FROM SANTIAGO CYN. RD.
AT SILVERADO FIRE DEPT. BLDG
ON NE COR. CONC. BASE OF
FLAGPOLE. 1964 ELEV. 1383.480

CONSTRUCTION PLANS - BRIDGES
Silverado Canyon Road
Sheet 8 of 12
Red. 22.5:1 Scale: as shown
Vellum

ORANGE COUNTY ROAD DEPARTMENT

**SILVERADO CYN. RD.
BRIDGE SV-14
ACROSS
SILVERADO CREEK**

PLAN - PAVEMENT DETAILS

SCALE NOTED

SHEET 8 OF 12