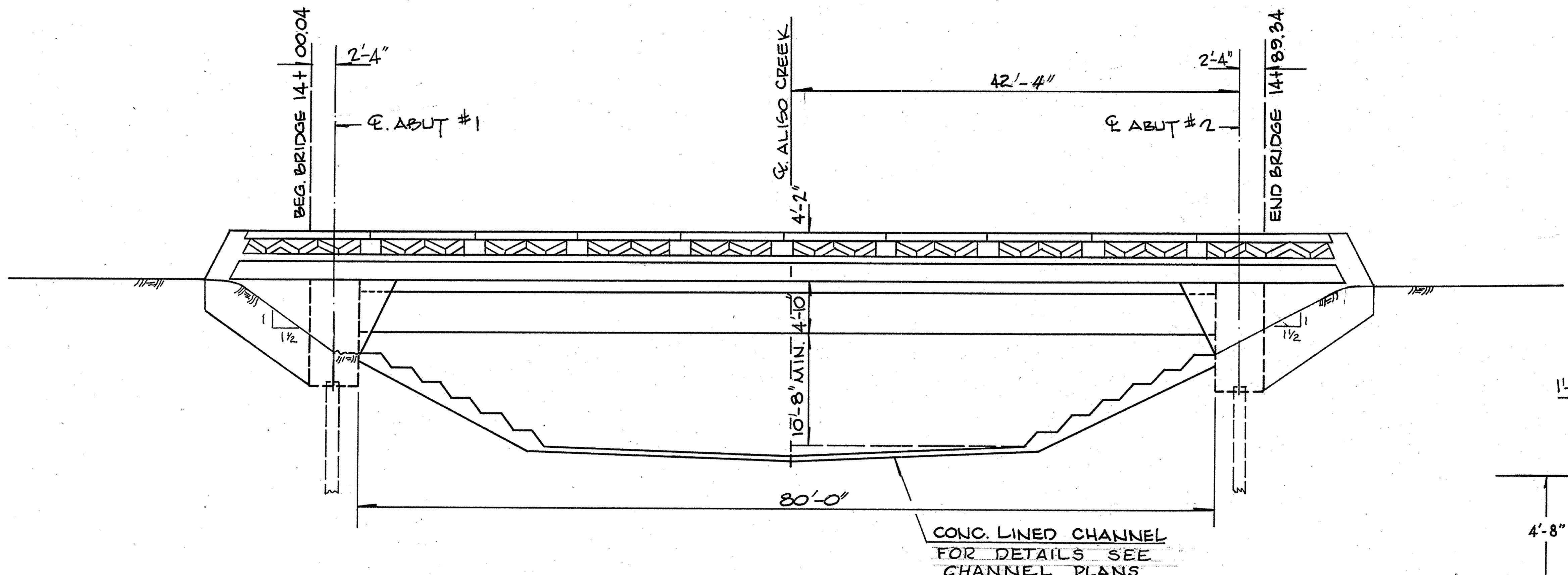
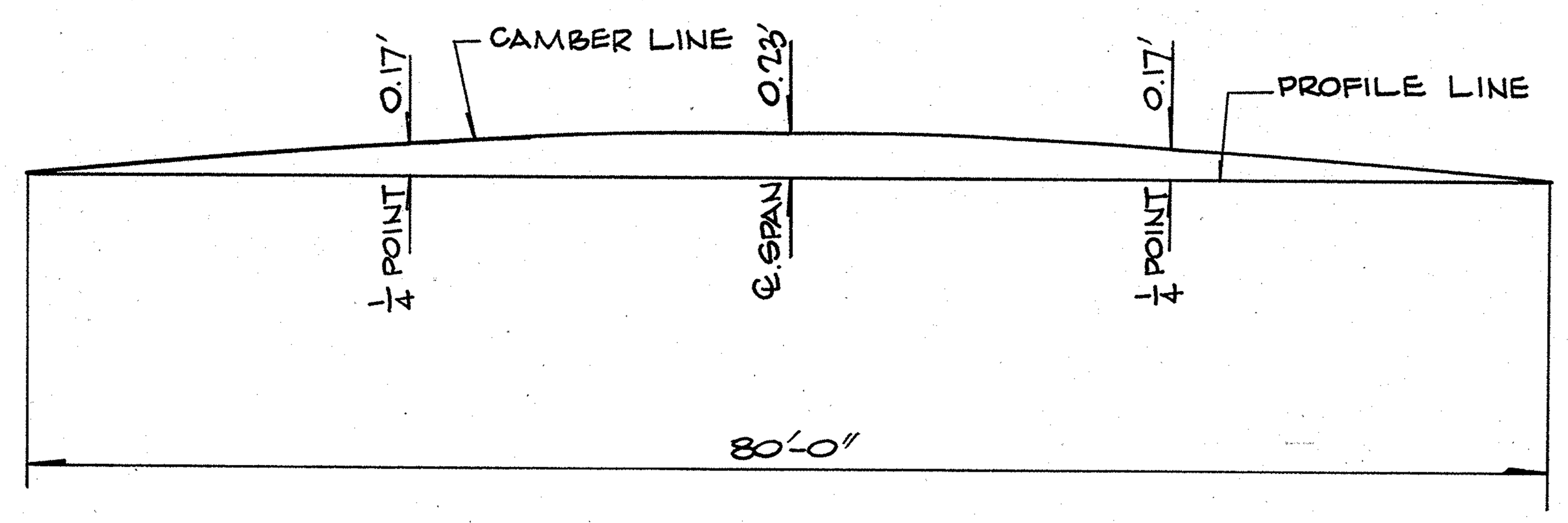
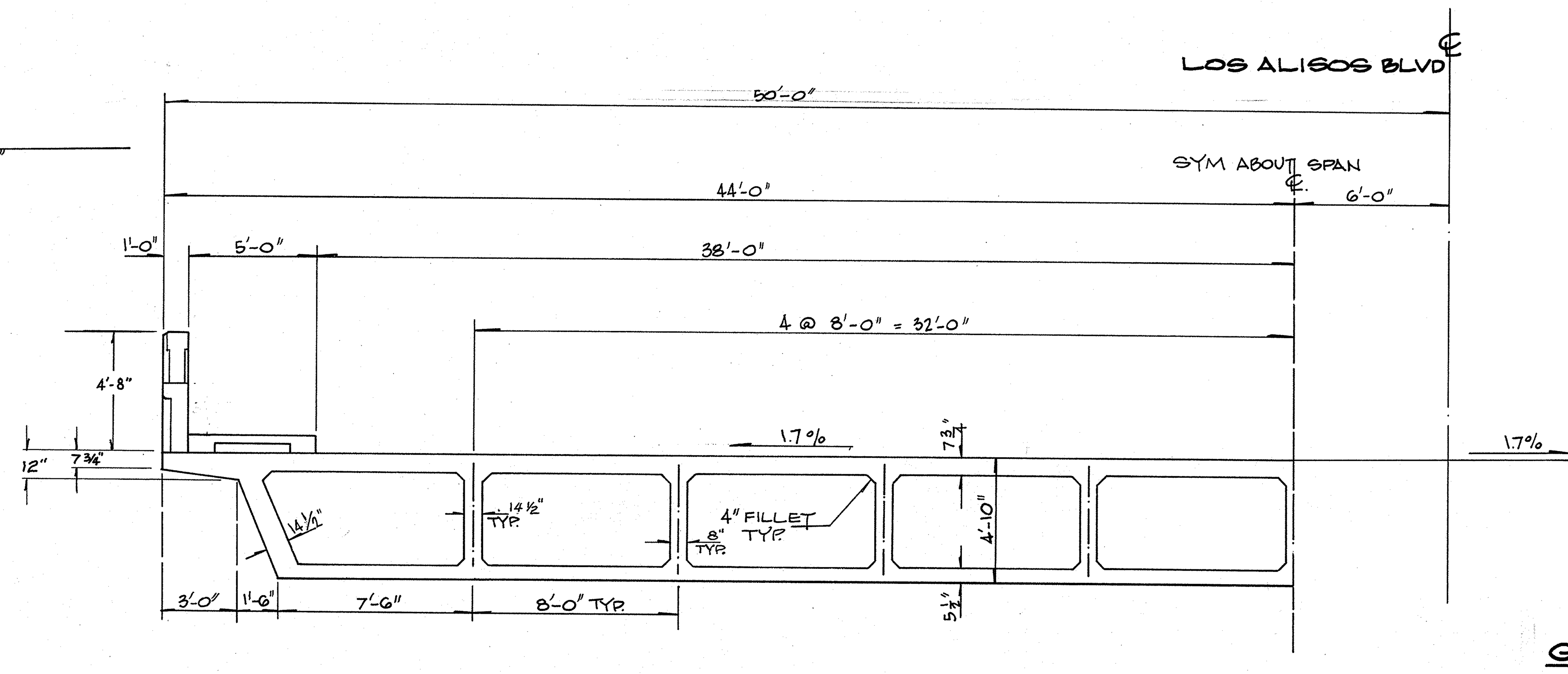


ELEVATION
SCALE 1" = 10'

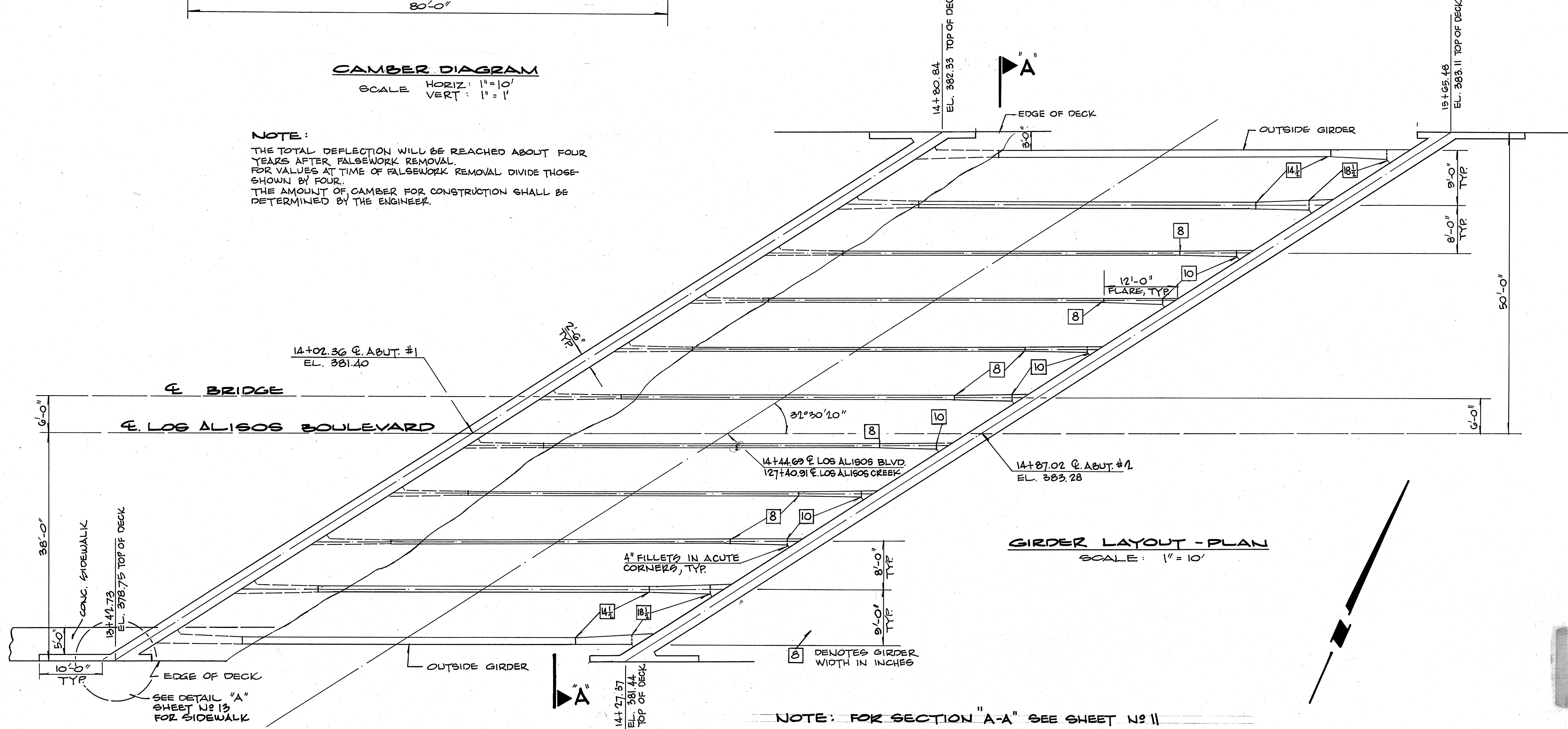


CAMBER DIAGRAM
SCALE HORIZ: 1" = 10'
VERT: 1" = 1'

NOTE:
THE TOTAL DEFLECTION WILL BE REACHED ABOUT FOUR YEARS AFTER FALSEWORK REMOVAL.
FOR VALUES AT TIME OF FALSEWORK REMOVAL DIVIDE THOSE SHOWN BY FOUR.
THE AMOUNT OF CAMBER FOR CONSTRUCTION SHALL BE DETERMINED BY THE ENGINEER.



TYPICAL SECTION
SCALE: 1/4" = 1'-0"



GIRDER LAYOUT - PLAN
SCALE: 1" = 10'

NOTE: FOR SECTION "A-A" SEE SHEET № 11

GENERAL NOTES

SPECIFICATIONS:

DESIGN: A.A.S.H.O. DATED 1969 WITH SUBSEQUENT REVISIONS, AND CALIFORNIA DIVISION OF HIGHWAYS BRIDGE PLANNING AND DESIGN MANUAL.

CONSTRUCTION:
STANDARD SPECIFICATIONS, DIVISION OF HIGHWAYS, CALIF. DATED JAN. 1971 AND THE SPECIAL PROVISIONS.

LIVE LOADING:

H20 - S16 - 44

UNIT STRESSES:

REINFORCING STEEL:
f_s TENSION = 24.000 P.S.I.; 20.000 P.S.I. IN SLAB

CONCRETE: f_c = 1,300 P.S.I.; 1,200 P.S.I. IN SLAB
f'_c = 3,250 P.S.I. @ 28 DAYS.
n = 10
V_c = 65 P.S.I.

PILE LOADING:

45 ~~TONS, CLASS 45-1 PER SHEET № 15,~~

REINFORCEMENT:

EMBEDMENT IS CLEAR TO OUTSIDE OF BAR AND IS 2" TO MAIN REINFORCEMENT, EXCEPT AS NOTED. BACKING FOR HOOKS IS FOUR DIAMETERS, EXCEPT AS NOTED. WHERE REINFORCING BARS ARE SPLICED THEY SHALL HAVE A 40 DIAMETERS LAP UNLESS OTHERWISE NOTED.

CONCRETE:

CLASS "A" USING TYPE II PORTLAND CEMENT. (COLORED AS PER SPEC. PROVISIONS)

BENCH MARK:

J01 - III - 6
R.R. SPIKE W'LY. SIDE OF POWER POLE #1961254E, 74' ± N'LY. OF MUIRLANDS, 150' E'LY. OF CREEK.
ELEV. 402.53

AS BUILT

ORANGE COUNTY ROAD DEPARTMENT

LOS ALISOS BLVD.
BRIDGE AL-12
OVER
ALISO CREEK

GENERAL PLAN

Dsgn'd: L.G. Drn: F.C.
Chk'd: RJB Date 3/73
Approved: UIH Date 3/73

F 1151-64.1
SCALE AS NOTED
SHEET 10 OF 17

(11097).
W.O. 72398