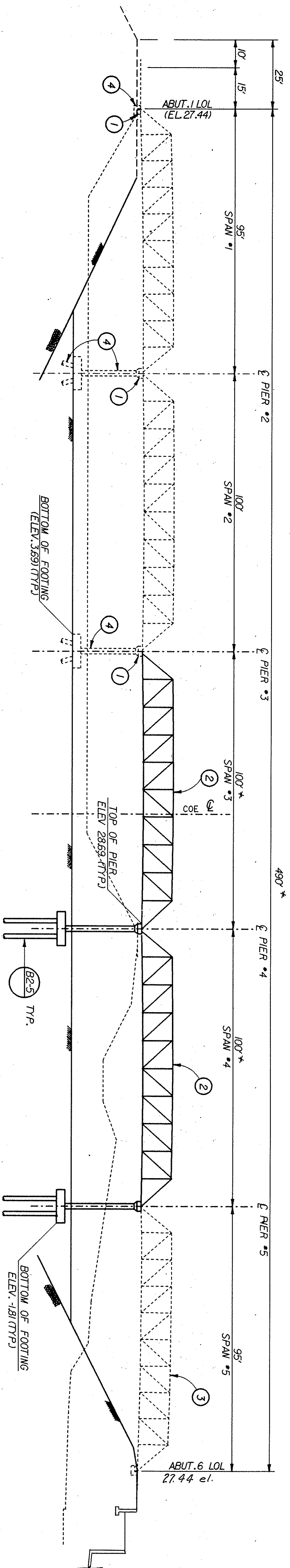


VALUE ENGINEERING PAYS

* NOTE: CONTRACTOR SHALL FIELD VERIFY THESE DIMENSIONS WITH ENGINEER PRIOR TO FABRICATION OF BRIDGE TRUSSES.



ELEVATION
LOOKING UPSTATION
SCALE: 1"=20'

CONCRETE PILES			
LOCATION	TYPE	SPECIFIED TIP	PROBABLE TIP
PIER 4	CLASS 45	-46	-50
PIER 5	CLASS 45	-46	-50

GENERAL NOTES

SPECIFICATIONS

DESIGN: ASHITO DATED 1983 AS MODIFIED BY CALTRANS.
CONSTRUCTION: STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION DATED 1988.
RELOCATIONS AND THESE SPECIAL PROVISIONS.

LIVE LOADING

85 POUNDS PER SQUARE FOOT
LOADING PER BDS.344J3
10,000 LBS. POINT LOAD APPLIED AT
PILE CENTER OF EACH SPAN
PLUS 30% FOR IMPACT LOADS.
WIND LOAD IN ACCORDANCE WITH
BDS.316J.

SUPERSTRUCTURE

AS98 HIGH STRENGTH/LONG-ALLOY
CORROSION-RESISTANT: GRADE 50

UNIT STRESSES

FS TENSION: 24,000 PSI
FS COMPRESS: 24,000 PSI
CONCRETE: F_c = 3500 @ 28 DAYS

PILE LOADING

45 TONS/TYPE/CLASS 45

STANDARD PLANS

CALTRANS STANDARD PLANS
DATED JANUARY 1988

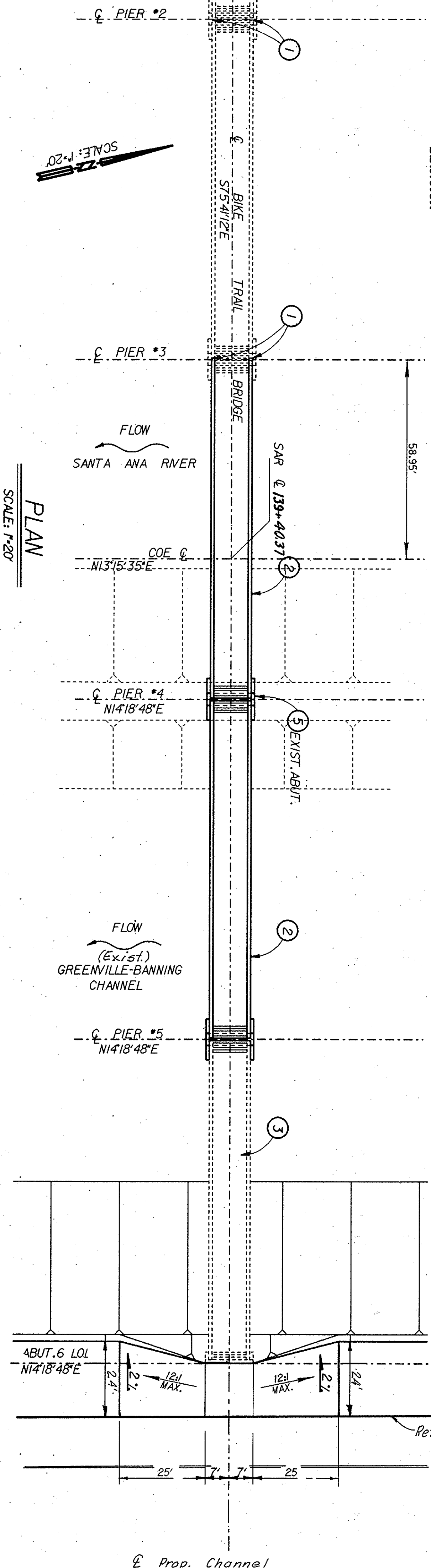
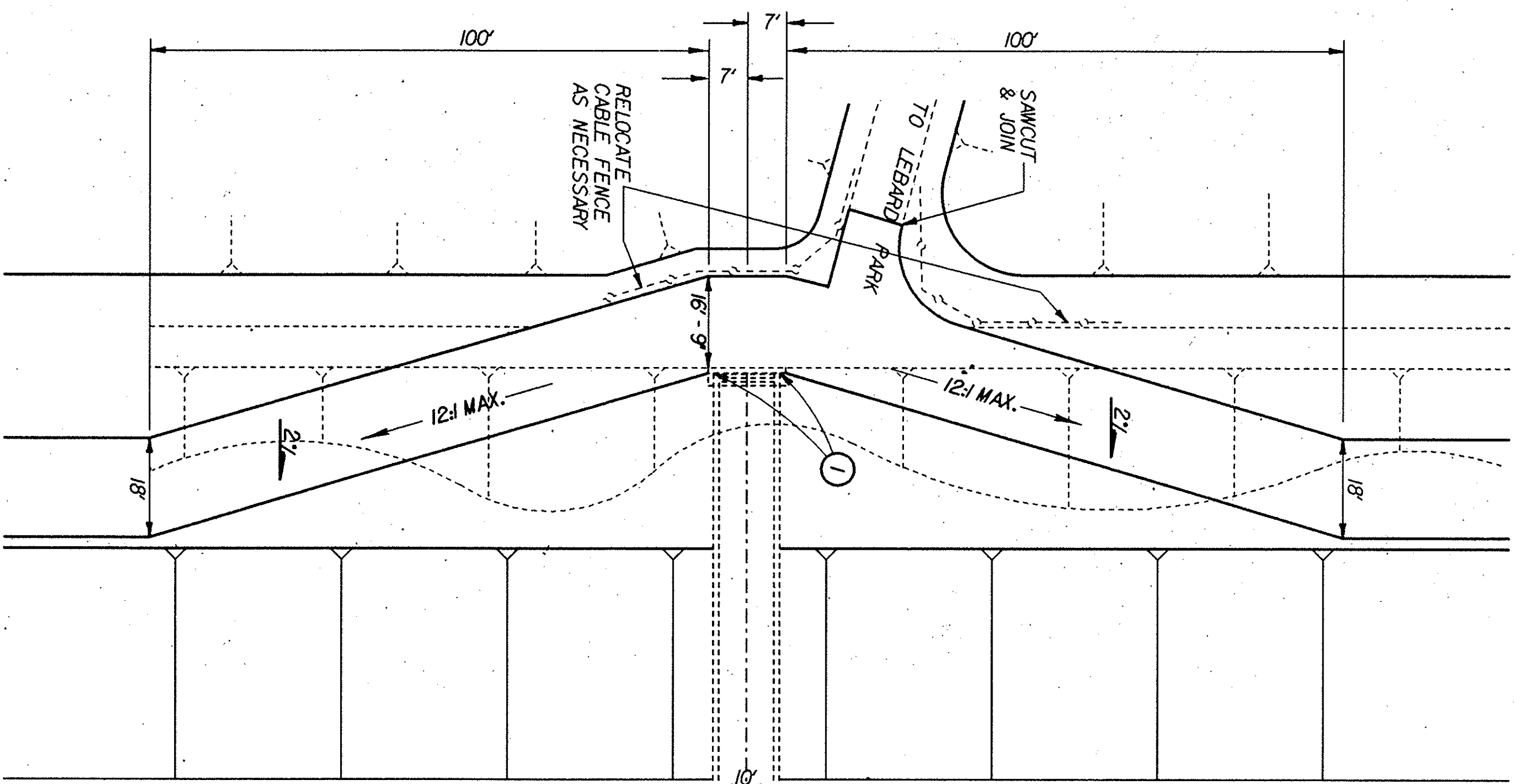
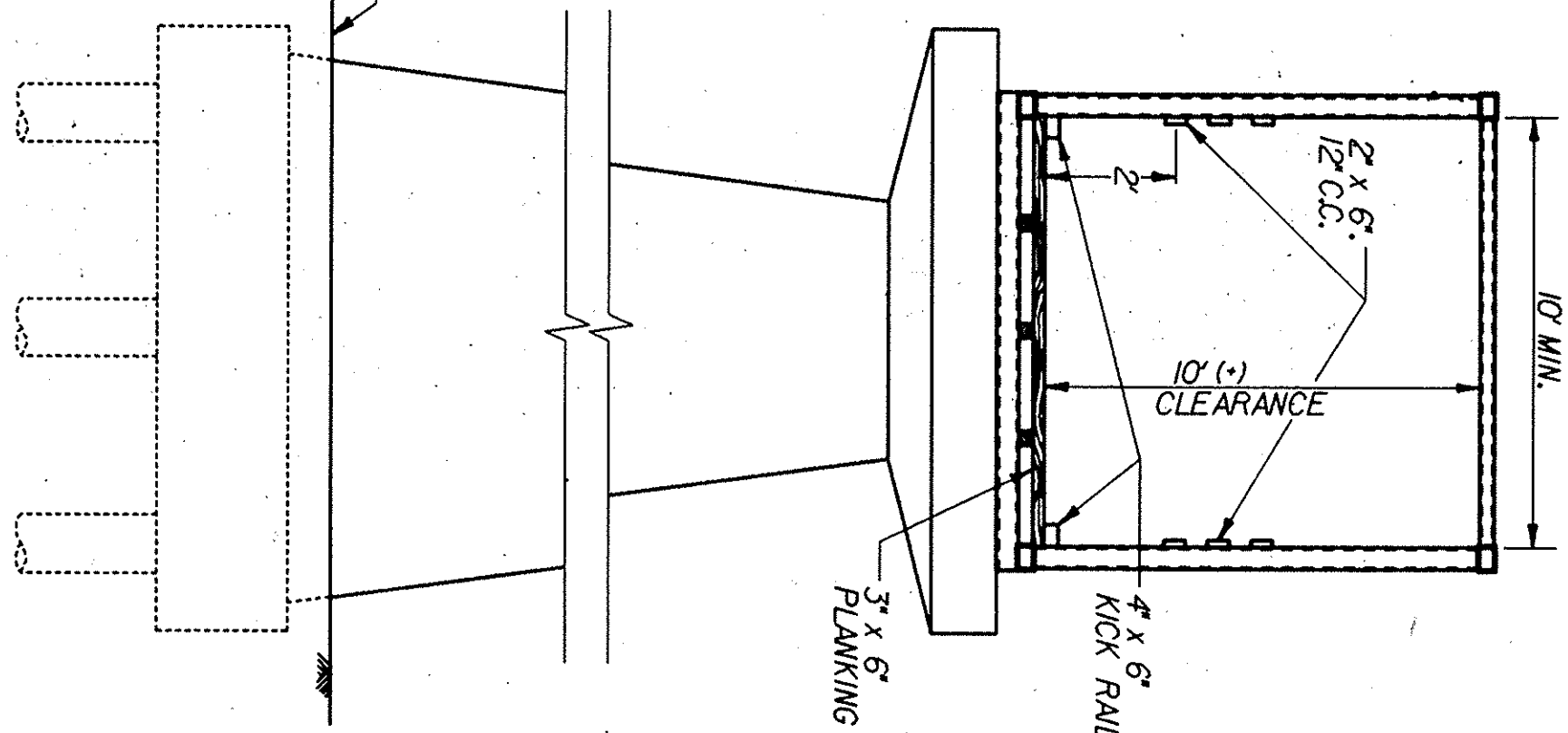
CONSTRUCTION NOTES

SEE CHANNEL IMPROVEMENT PLANS FOR
WORK ALONG CHANNELS.

- REMOVE EXISTING BRIDGE ANCHORS AND
RELOCATE PER SPECIAL PROVISIONS.
- INSTALL PREFABRICATED BRIDGE PER
SPECIAL PROVISIONS.
- RELOCATE EXISTING ETV BRIDGE SPAN
TO SPAN 5.
- PROTECT
- REMOVE

CALTRANS
STD. PLAN
DETAIL NO.

BRIDGE SECTION
NO SCALE



PLAN
SCALE: 1"=20'

AS BUILT PILE DRIVING DATA

CUT-OFF ELEVATION	MAXIMUM TIP ELEVATION	MINIMUM TIP LENGTH	AVERAGE "AS BUILT" PILE TIP ELEVATION	AVERAGE STROKE HEIGHT	AVERAGE BLOWS PER FOOT	AVERAGE BEARING VALUE (TONS)
PIER #4						
PIER #5						

PILE DRIVING MAKE AND MODEL:
DRIVING ACTION:
RATED ENERGY:
RAW WEIGHT:
MAX. STROKE:
BEARING VALUE FORMULA
P = OR P =

BENCH MARK:

IL-42-81
NEAR THE INTERSECTION OF INDIANAPOLIS &
TOP OF W. LEVEE OF S.A. RIVER 15' W/O W.
EDGE OF AC PAVT OF LEVEE RD. 4.0' S/O
S. EDGE OF AC BKE RAMP 22' W/O TOP
2.0' S/O
2.0' S/O
STEEL POWER LINE TOWERS:
180' ADJUSTMENT ELEVATION: 27.07

BASIS OF BEARINGS:

CENTERLINE OF BRIDGE BETWEEN PIER
2 AND PIER 3 TO BE TAKEN AS
575+412.7E.

1/2" = 0'
3 inches on, original drawing

DATUM IS NATIONAL GEODETIC VERTICAL DATUM OF 1929

SYMBOL	DESCRIPTION	DATE	APPROVAL

REVISIONS

NO.	DESCRIPTION	DATE
1	AS BUILT	9-27-90

SUBMITTED BY: [Signature]
DATE: 9-27-90
DESIGNED BY: [Signature]
CHECKED BY: [Signature]
DRAWN BY: [Signature]
P.L.N.
RH

SANTA ANA RIVER
BIKE TRAIL CROSSING
BRIDGE DETAILS

DATE	APPROVED:	SPEC. NO. DAWG-3-	DISTRICT FILE NO.

SHEET
B-1
OF
3
SHEETS