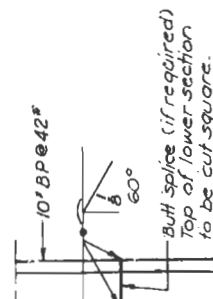


LOCATION SKETCH

BRIDGE OVER
STATE ROAD:
AT MENFRO
PROJECT NO.

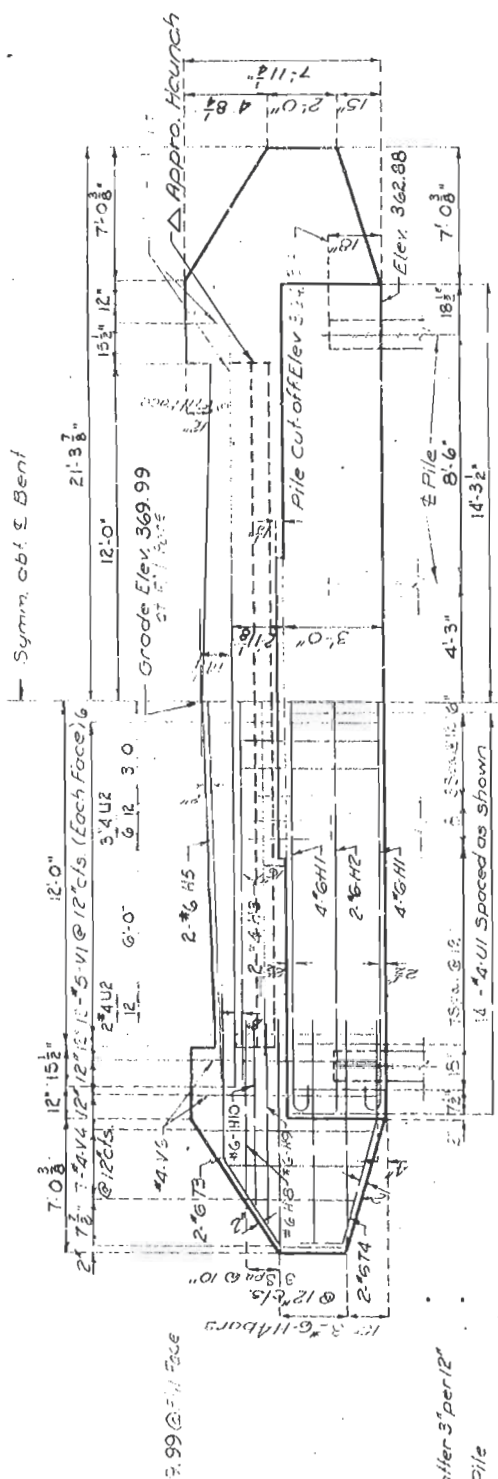


DETAILS OF END BENT NO. 11

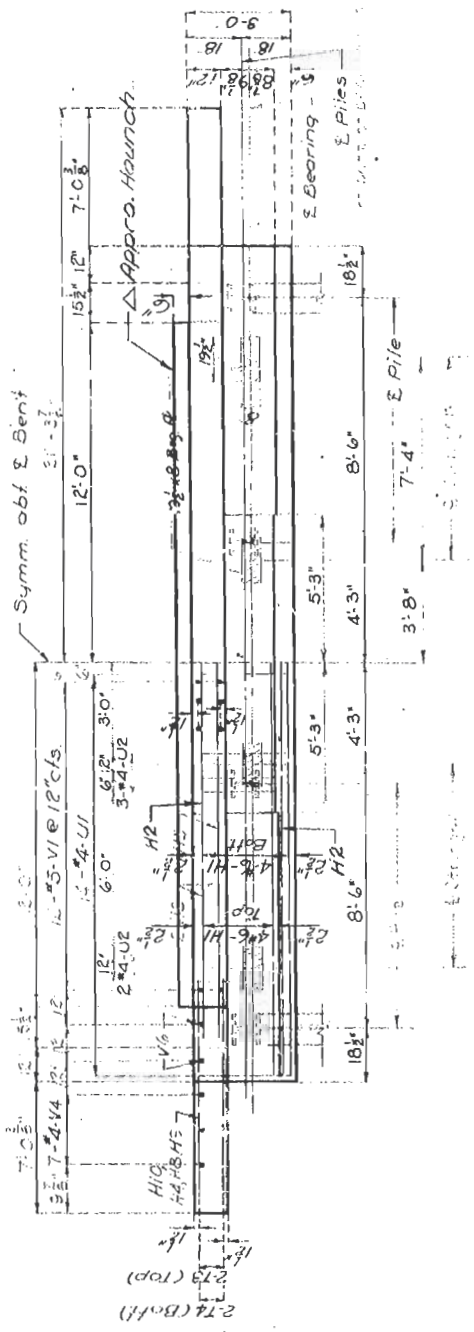


-Butt splice (if required)
Top of lower section
to be cut square.

FEEL PILE SPLICE

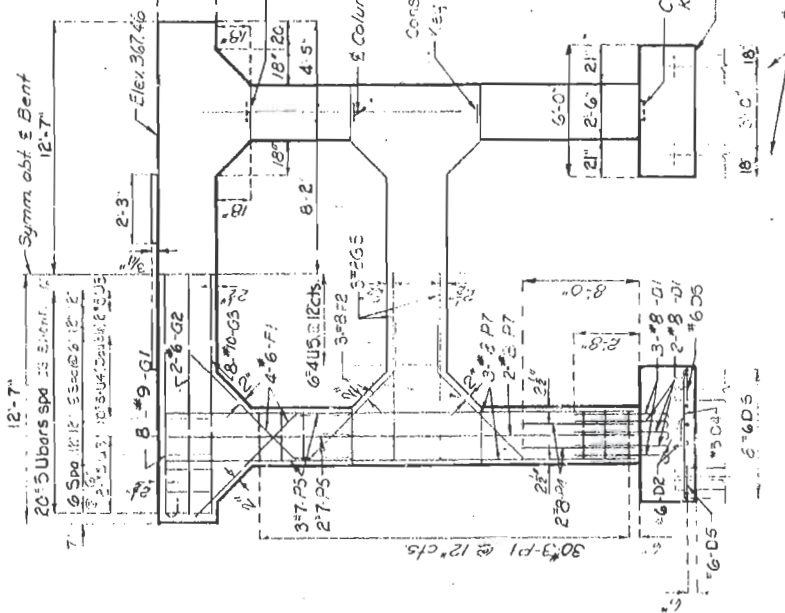
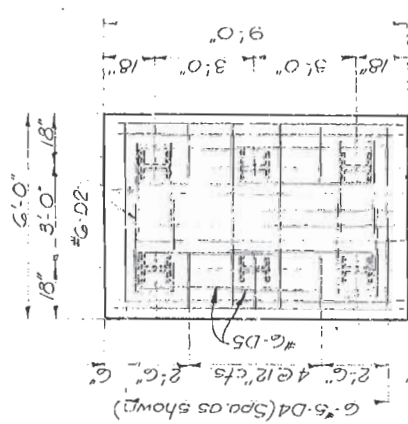


ELEVATION

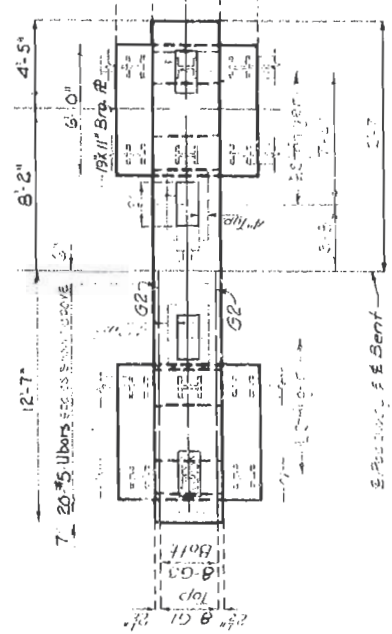


PLAN

DETAILS OF END BENT NO. 5

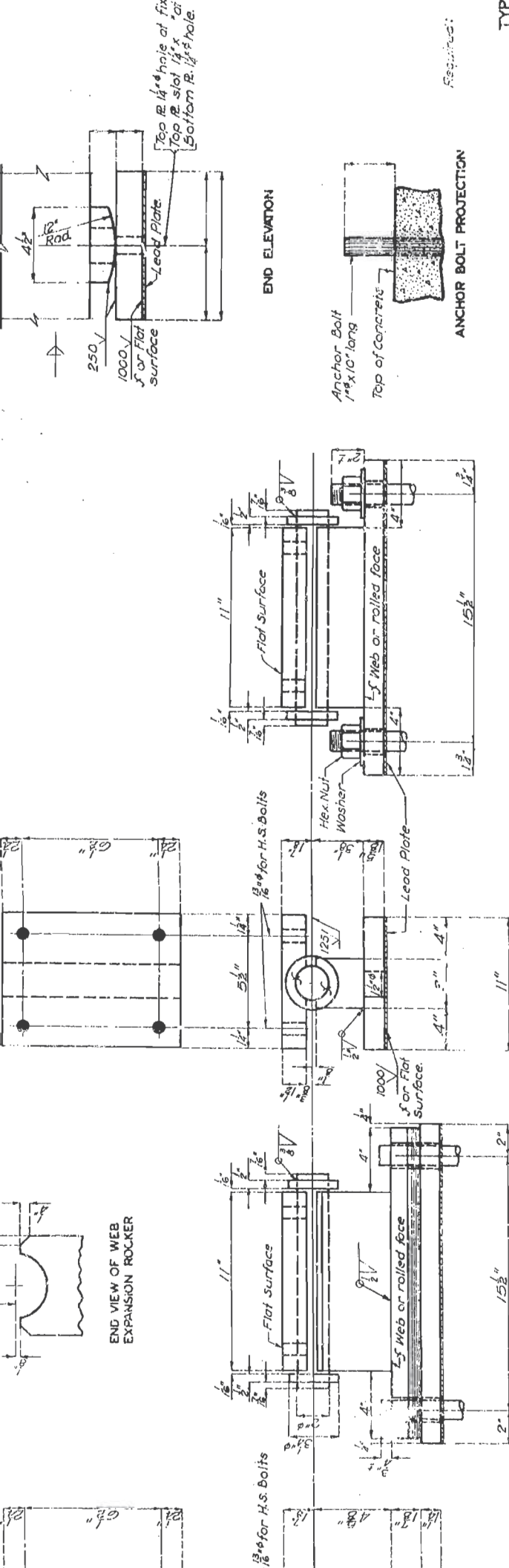


ELEVATION



PLAN

DETAILS OF INT BENT NO. 4



BRIDGE

STATE ROAD

AT MEMPHIS

PROJECT NO.

PERRY

LOG OF SOUNDINGS

Note: Sounding A1, A2 & A3 were made with auger. Sounding C1 & C2 were made with core drill.

EXPANSION

FIXED

TYPE "D" BEARINGS
(Est. Wt. 3480 #)

GENERAL NOTES:

- Material for type steel or A7 meeting in
- Material for type steel or A7 meeting in
- Material for type steel or A7 meeting in
- Anchor Bolts for shell extend 12" into for fixed bearings.
- Anchor Bolts for long with no heads approximately 1" below lead plates and weigh 8 1/2 lb. and 1 lb. for other items.
- Material for De Cr-bon Steel

Note: Expansion Device to be bent to conform to #5 Bars for expansion. Approved steel weld #5 Bars shown.

END VIEW OF WEB EXPANSION ROCKER

LOG OF SOUNDINGS

Note: Sounding A1, A2 & A3 were made with auger. Sounding C1 & C2 were made with core drill.



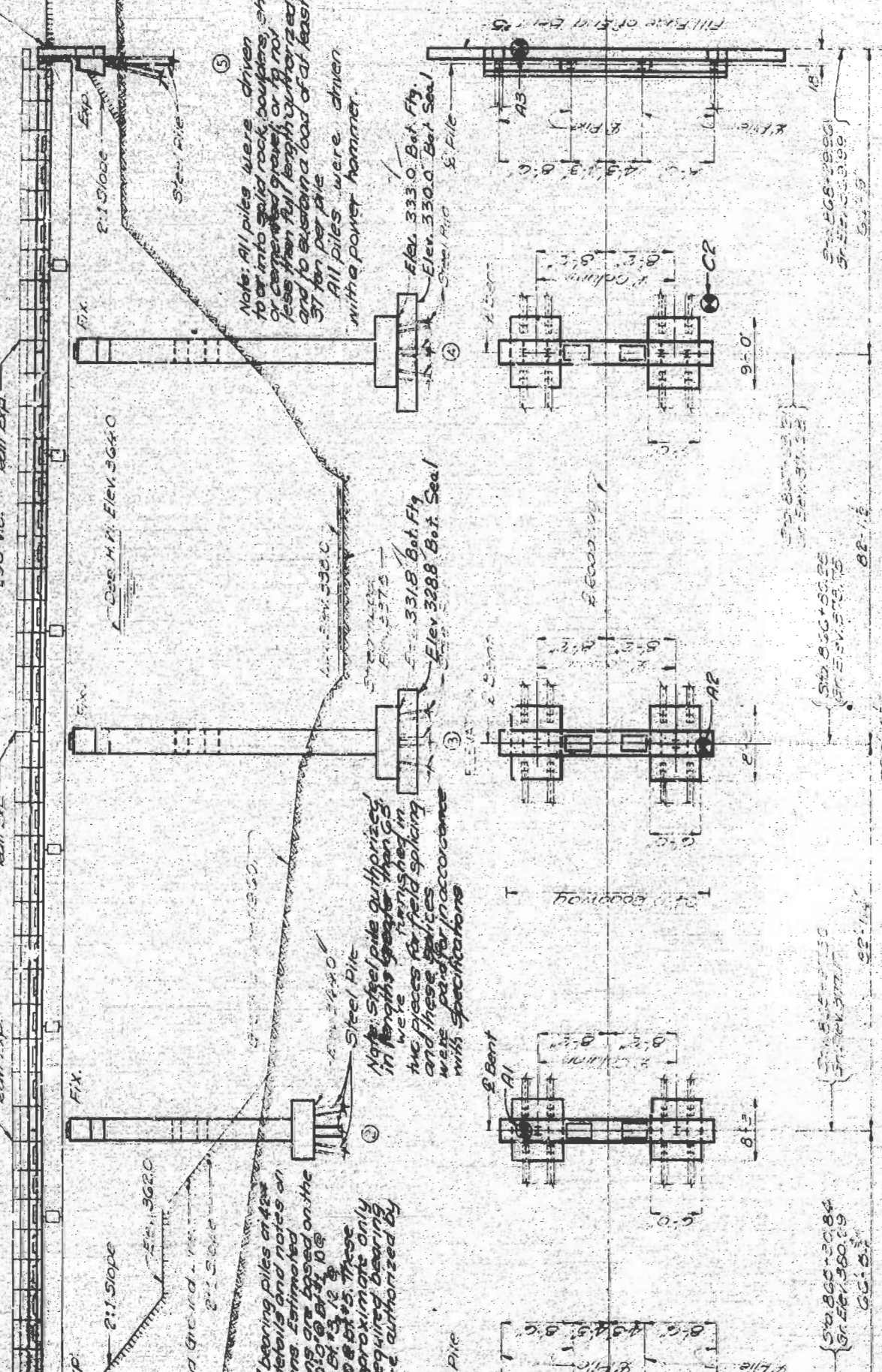
Wd Spd. @ 5'-0" = 330'-0"

Note: Concrete
as
excavated
were driven
No. 2
Excavation
1 and 5.

GENERAL NOTES

Design Specifications
Loading H15-A
Structural Steel
Structural Steel
Reinforcing Steel
Concrete Class
Concrete Class
Superstructure
All concrete
Bolts 1/2" holes
Field connections
Details were
Bolts. Final pay was
Steel was based on
bolted connections
Qualification of
Paint: Shop, no
field connections, 3
are used, one coat
after erection three
was applied by Co.
Red lead required
Payment for cleaning
included in unit price
See Section 58
required painting of
Fabricated steel
beams, flange and
A36-COT and all
except as noted for
Where joint flange
conform with the
the Standard Spec
terminals were
legal length.

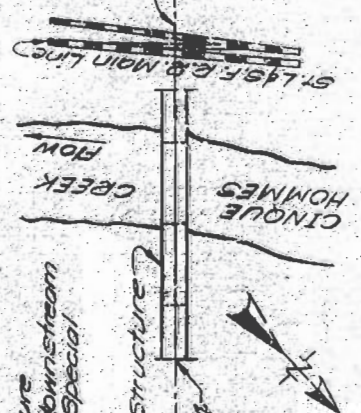
U.S.G.S. Data
B.M. 110
BRIDGE
STATE ROAD
AT MENFRO
PROJECT NO.
FINISH



QUANTITIES	ITEM	SUBTOTAL	TOTAL
Class 1 Excavation for Structures	Cu Yds	197.0	197.0
Class 2 Excavation for Structures	Cu Yds	124.0	124.0
Class 2 + 50% Excavation for Steel Piles	Cu Yds	24.5	24.5
Steel Piles in Place (10' @ 42")	Lin Ft.	30.92	30.92
Steel Pile Cut-Offs (10' @ 42")	Lin Ft.	30.9	30.9
Class B Concrete	Cu Yds	129.5	129.5
Class B Concrete	Cu Yds	185.8	185.8
Reinforcing Steel	Lbs.	19,300	19,300
Fabricated Structural Carbon Steel Lbs.	Lbs.	48,100	48,100
Class B Concrete for Steel Course		97.8	97.8

PLAN

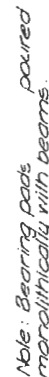
Note: The final quantity of 10" steel piles in place include 15 field splices at 8' per splice.



LOCATION SKETCH

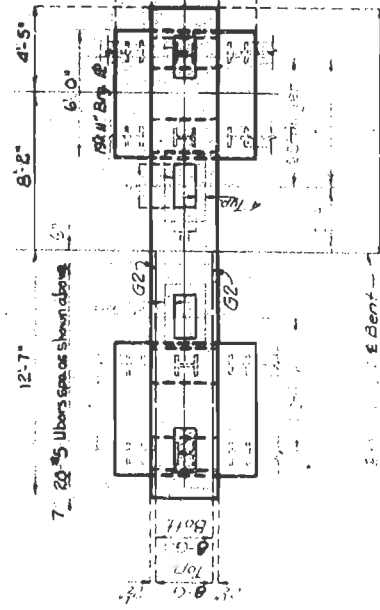
Note: For details of soundings see sheet No. 7 of 8.
AI-A2-A3-Auger
CI-CE-Cone

Note: Excavation for bridge made above Elev. 330.0 was sand for no Class 1 Excavation for Structures.
Excavation for bridge made above Elev. 330.0 was sand for no Class 1 Excavation for Structures.



DETAILS OF INTERMEDIATE BENT NO. 2

DETAILS OF INTERMEDIATE SENT NO. 3



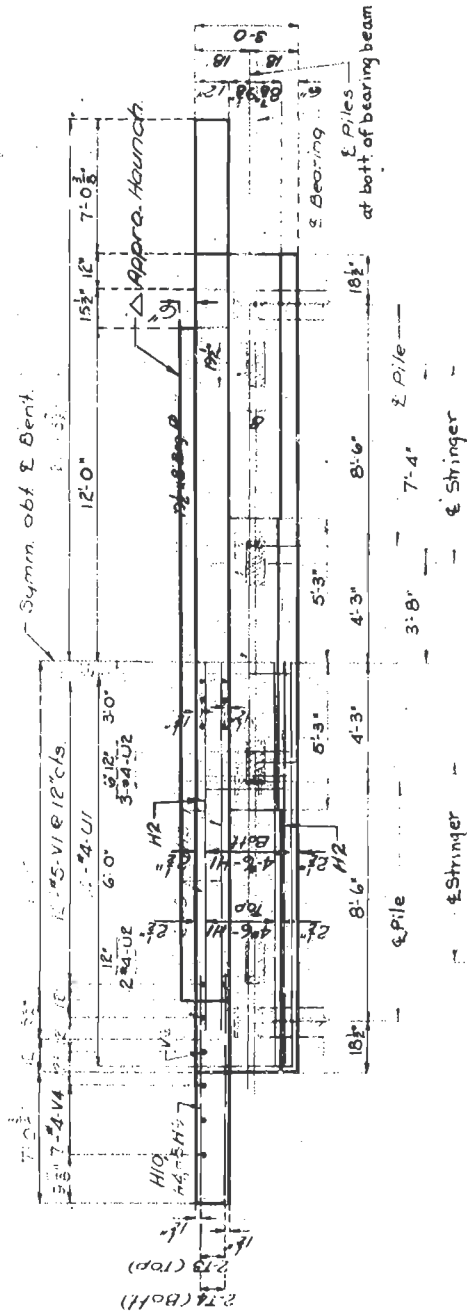
PLAN
DETAILS OF INT. BENT NO. 4

BRIDGE C

STATE ROAD

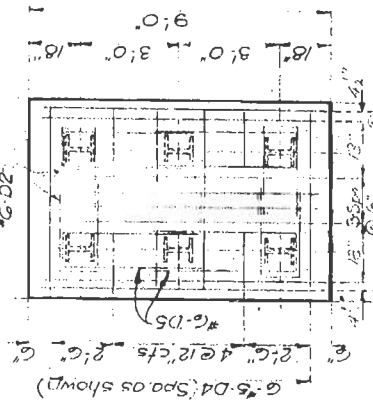
13451713

PROJECT NO.



PLAN

DETAILS OF END RENT NO. 5



Bent No. 5
located above bottom of
main superstructure
is in place.
Bent No. 5 did
not of roadway was.
above construction
occurred until the
of the expansion
was installed and
measured in adjacent