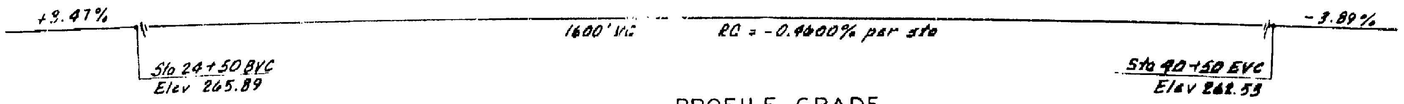
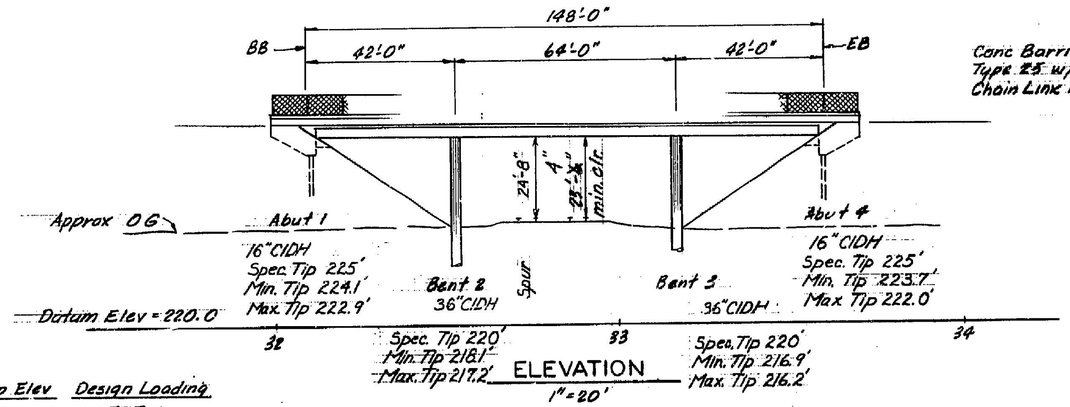
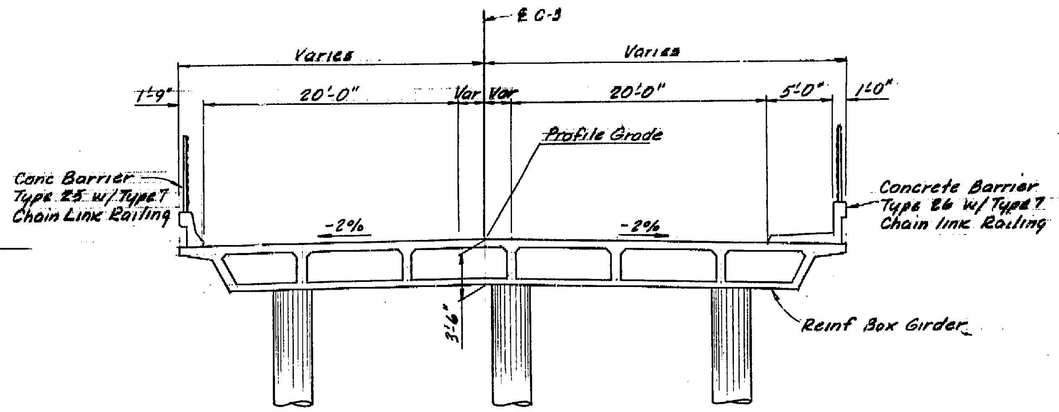


PROFILE GRADE
No Scale

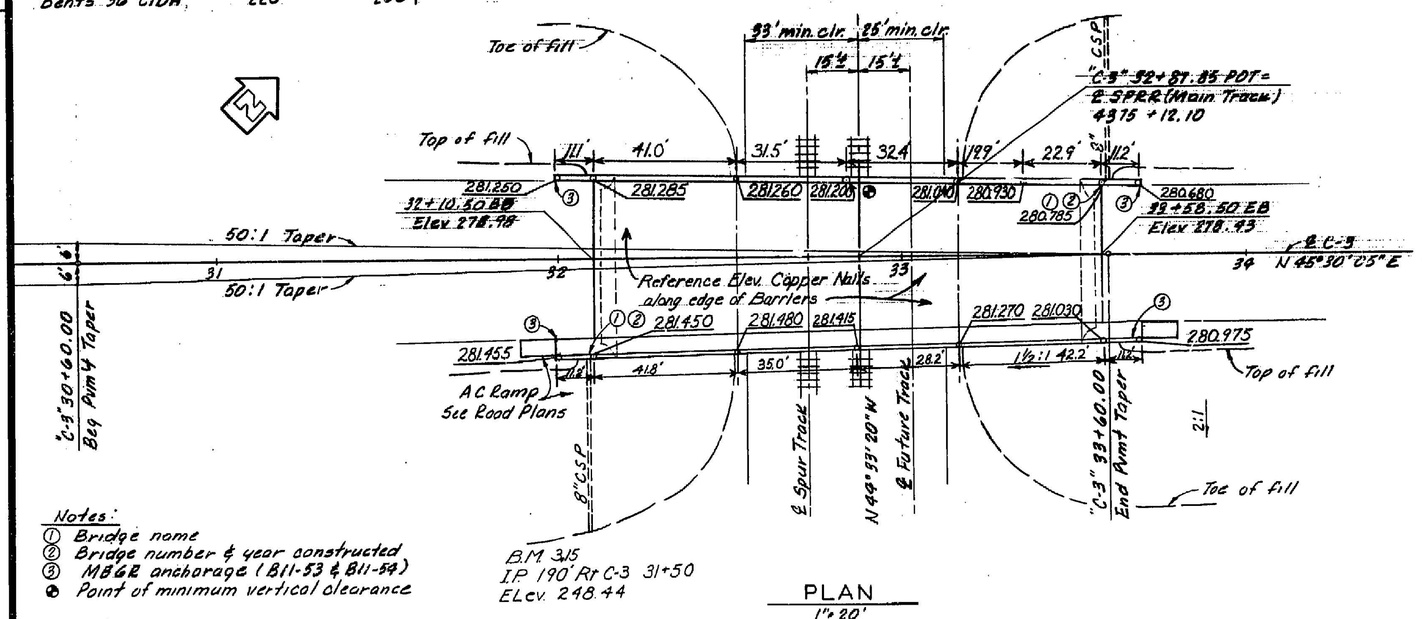


ELEVATION
1" = 20'



TYPICAL SECTION
3/16" = 1'-0"

Pile Data	Spec Tip Elev	Design Loading
Abuts 16"CIDH	225	70T
Bents 36"CIDH	220	230T



Notes:
1. Bridge name
2. Bridge number & year constructed
3. MBGR anchorage (B11-53 & B11-54)
- Point of minimum vertical clearance

PLAN
1" = 20'

INDEX TO PLANS

SHEET NO.	TITLE
1.	GENERAL PLAN
2.	DECK CONTOURS
3.	FOUNDATION PLAN
4.	ABUTMENT DETAILS
5.	BENT DETAILS
6.	TYPICAL SECTION & GIRDER LAYOUT
7.	GIRDER REINFORCEMENT
8.	LOG OF TEST BORINGS

STANDARD PLANS DATED MARCH, 1977

A62-BB	EXCAVATION & BACKFILL
B0-1, 3 & 5	BRIDGE DETAILS
B2-3	16" CIDH CONCRETE PILES
B7-1	BOX GIRDER DETAILS
B7-10	UTILITY OPENING - BOX GIRDER
B11-52	CHAIN LINK RAILING TYPE 7
B11-53	CONCRETE BARRIER TYPE 25
B11-54	CONCRETE BARRIER TYPE 26

APPROXIMATE QUANTITIES

16" CAST-IN-DRILLED-HOLE CONCRETE PILING	452	LF
36" CAST-IN-DRILLED-HOLE CONCRETE PILING	168	LF
8" CORRUGATED STEEL PIPE (.064" THICK)	150	LF
8" PERFORATED STEEL PIPE UNDERDRAIN (.064" THICK)	100	LF
CHAIN LINK RAILING (TYPE 7)	341	LF
CONCRETE BARRIER (TYPE 25)	171	LF
CONCRETE BARRIER (TYPE 26)	171	LF

FINAL PAY QUANTITIES

STRUCTURE EXCAVATION (BRIDGE)	345	CY
STRUCTURE BACKFILL (BRIDGE)	30	CY
STRUCTURAL CONCRETE, BRIDGE	520	CY
BAR REINFORCING STEEL (BRIDGE)	149,000	LB
CLASS 1 PERMEABLE MATERIAL (BRIDGE)	22	CY

LOAD FACTOR | LIVE LOADING: HS30-44 AND ALTERNATIVE | State of | BRIDGE NO.

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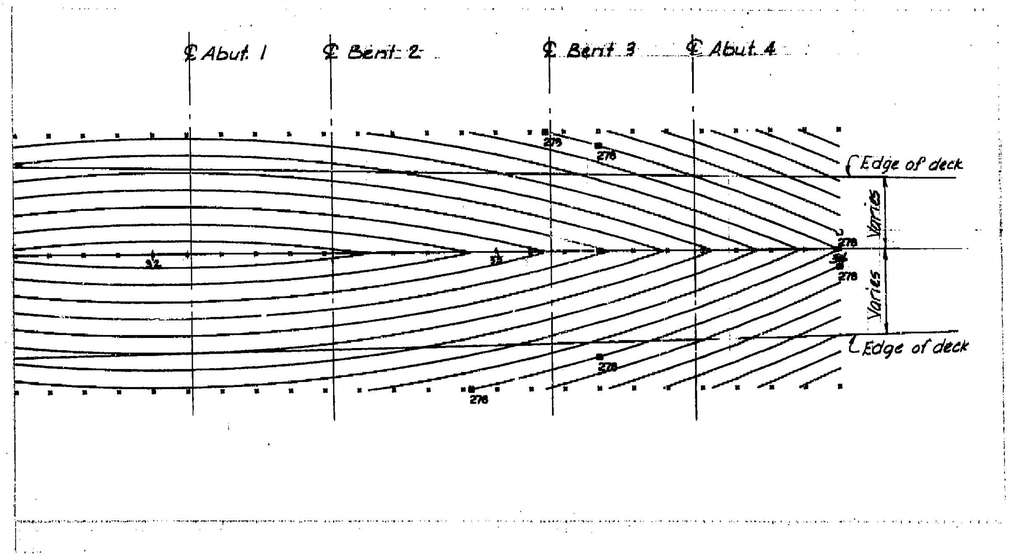

GENERAL NOTES
WORKING STRESS DESIGN

DESIGN: AASHTO dated 1973 with revisions and its supplemented by BRIDGE PLANNING AND DESIGN MANUAL

DEAD LOAD: Includes 35 psf for future wearing surface

LIVE LOADING: H20-44 and alternative

REINFORCED CONCRETE: f_s = 24,000 psi, except
= 20,000 psi in transverse deck slabs and stirrups

f_c = 1,300 psi, except
= 1,200 psi in transverse deck slabs

n = 10

Note:
□ - Indicates even foot contours.
× - Indicates 10' intervals.
Contours do not include camber.
Scale: 1"=20'

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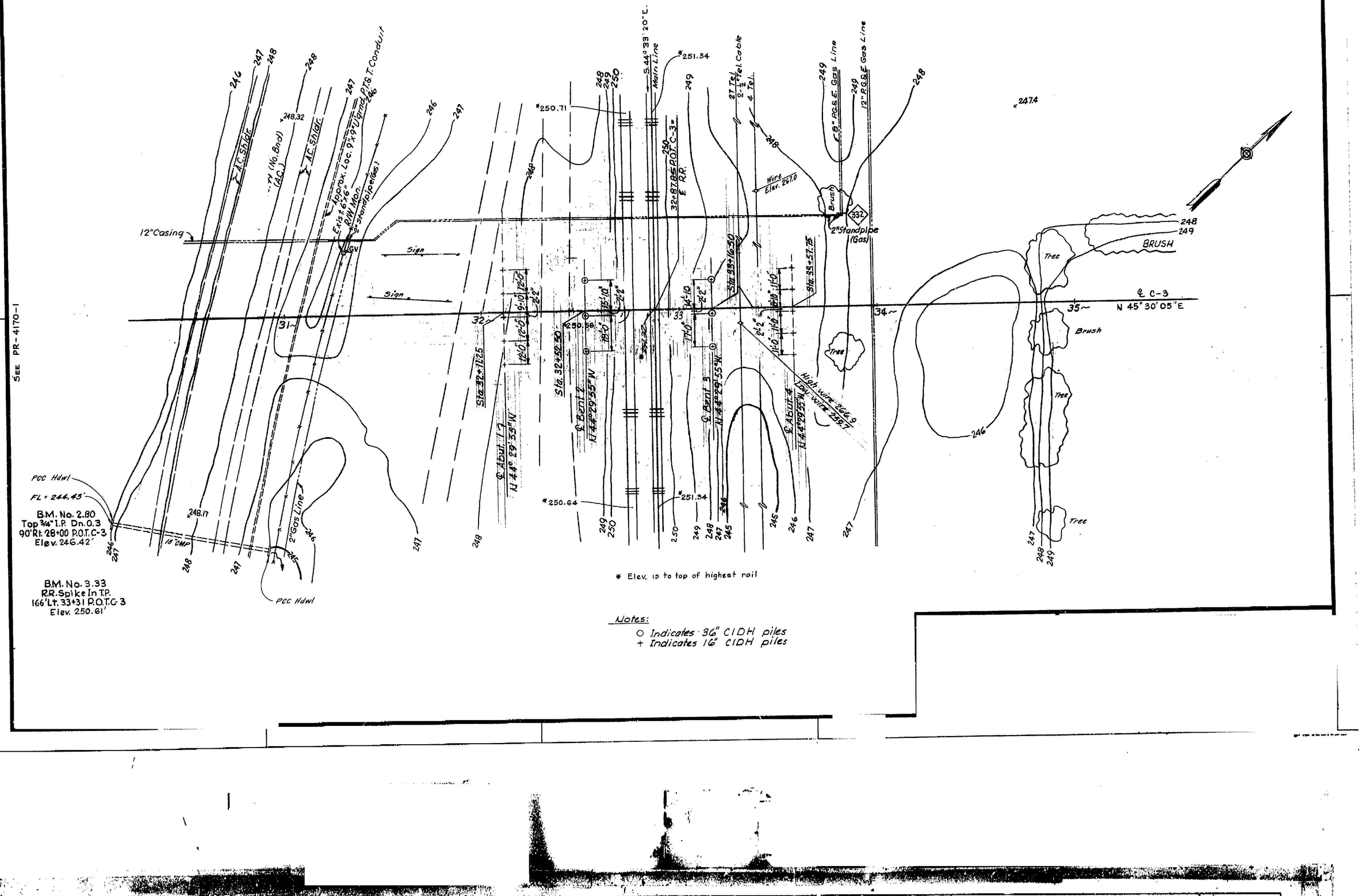
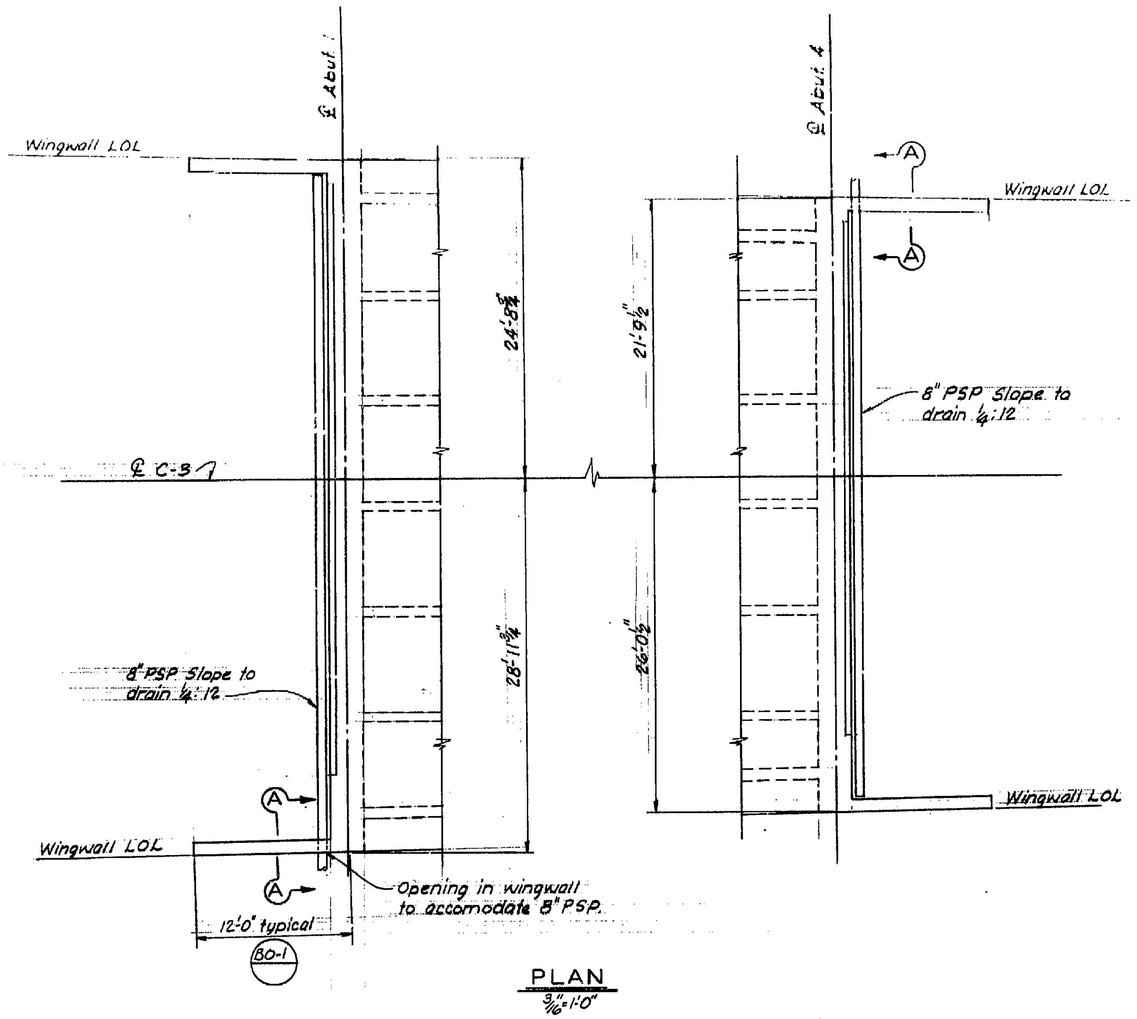
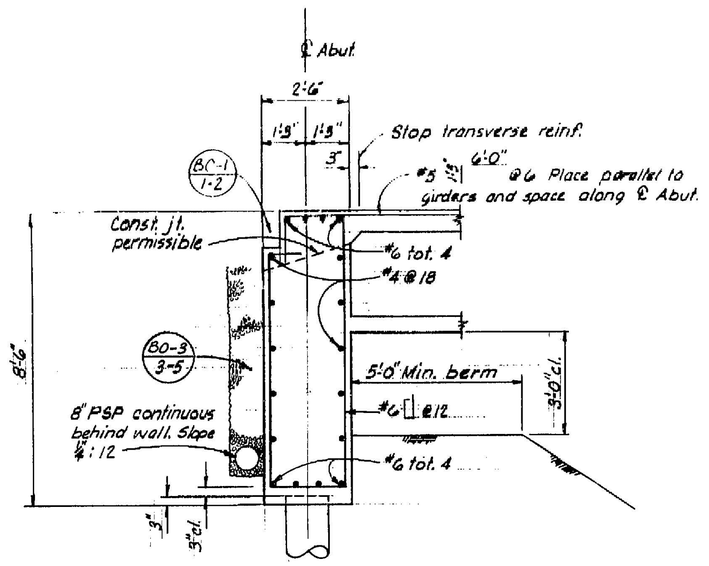


* Elev. is to top of highest rail

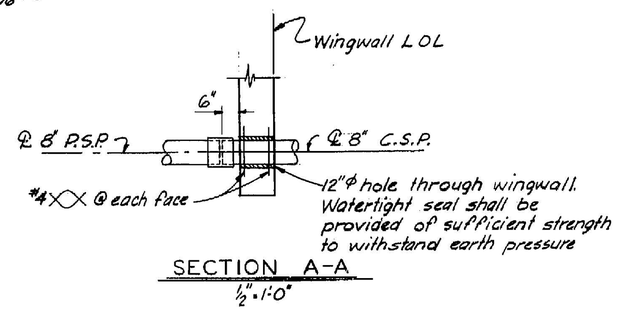
19



PLAN
3/16"=1'-0"



ABUTMENT SECTION
½"=1'-0"



SECTION A-A
½"=1'-0"

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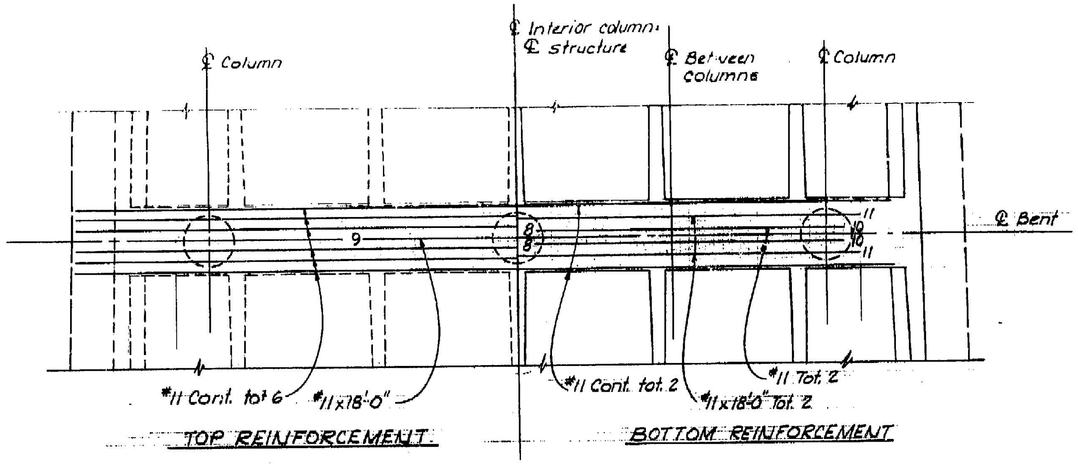
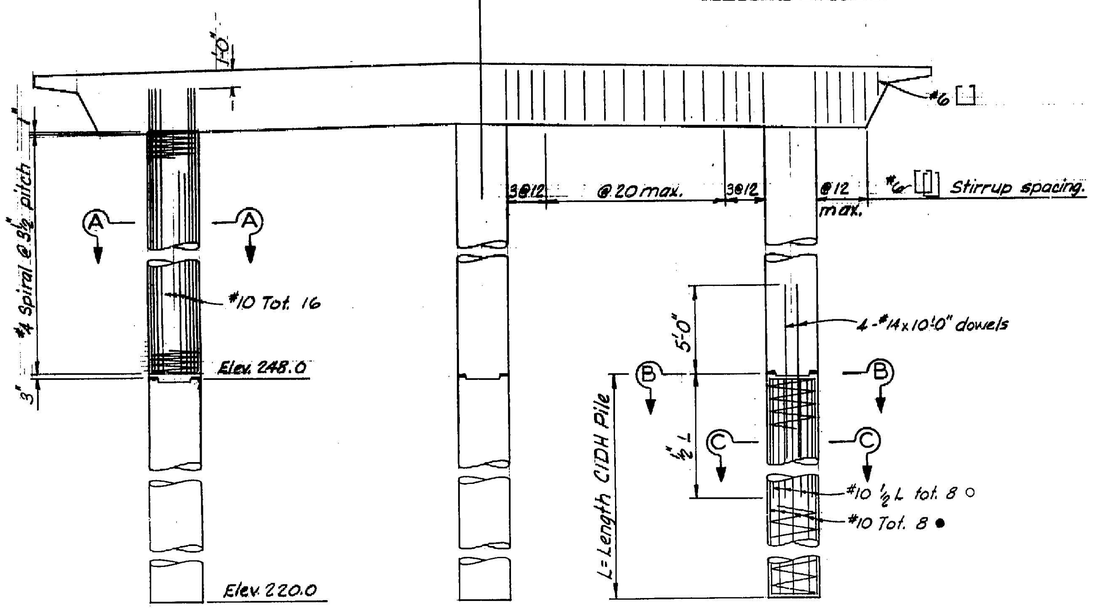


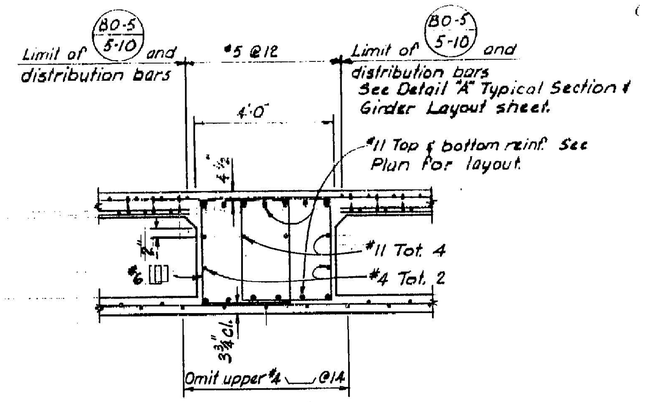
TOP REINFORCEMENT — BOTTOM REINFORCEMENT

PLAN
1/4" = 1'-0"

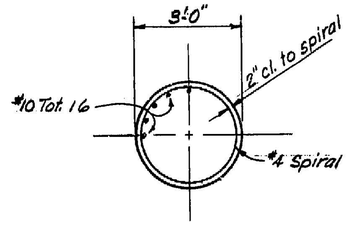
Notes: Numbers at ends of bars indicate distance in feet from ℄ column for top reinforcement & from ℄ between columns for bottom reinforcement. Reinforcement symmetrical about ℄ structure.



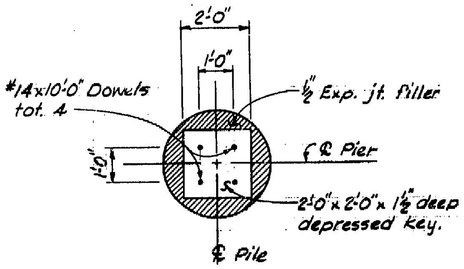
ELEVATION
3/16" = 1'-0"



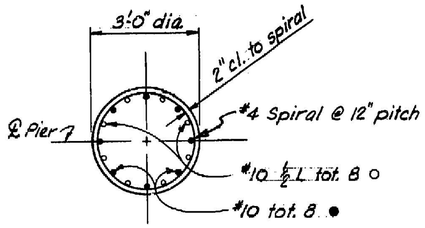
CAP SECTION
½" = 1'-0"



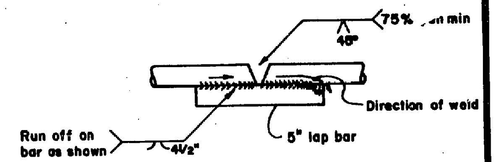
SECTION A-A
½" = 1'-0"



SECTION B-B
½" = 1'-0"



SECTION C-C
½" = 1'-0"



SPIRAL SPLICE DETAILS

Notes:
1. Butt weld to be made first.
2. Butt weld to be in flat or horizontal position.
3. Lap bar centered on splice.
4. Flare weld to be made in direction shown.
5. Lap bar equal in size to spiral bar.

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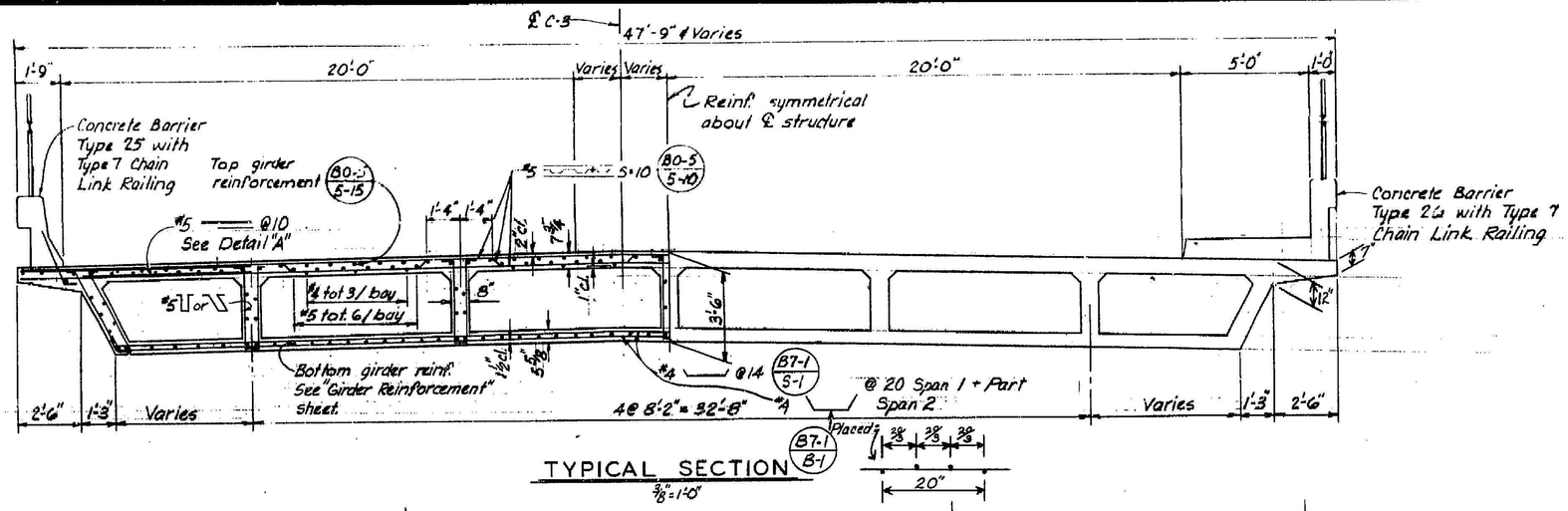
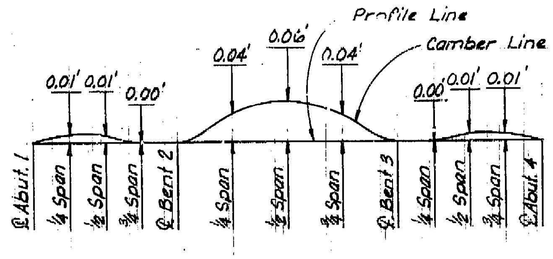


TYPICAL SECTION

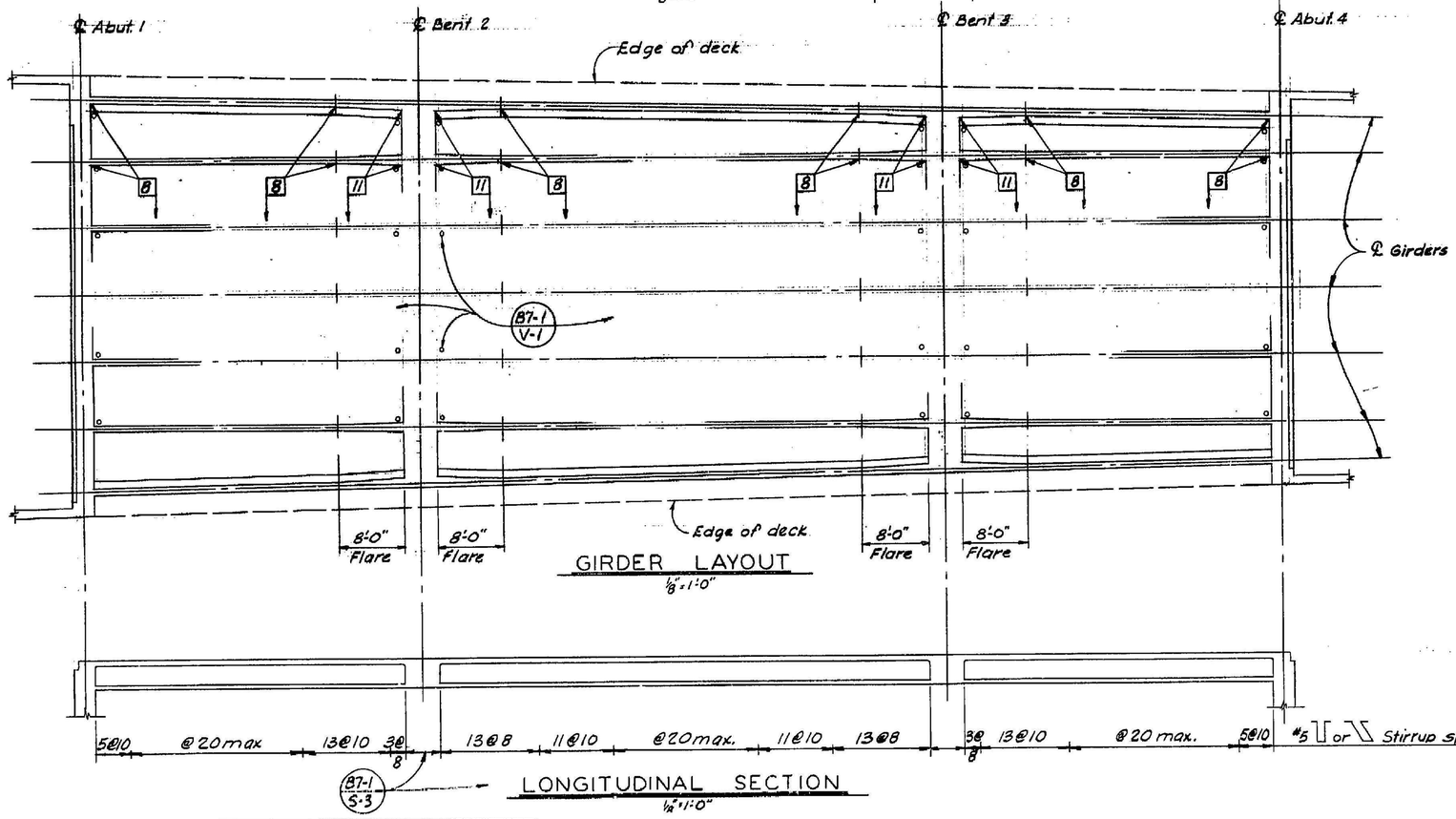
3/8" = 1'-0"



CAMBER DIAGRAM

No Scale

(Does not include allowance for falsework settlement)

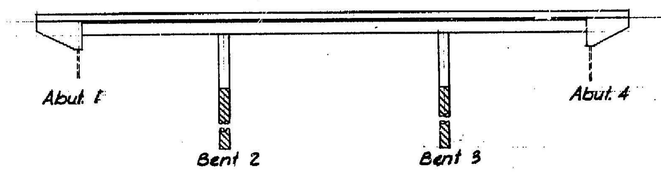


GIRDER LAYOUT

1/8" = 1'-0"

LONGITUDINAL SECTION

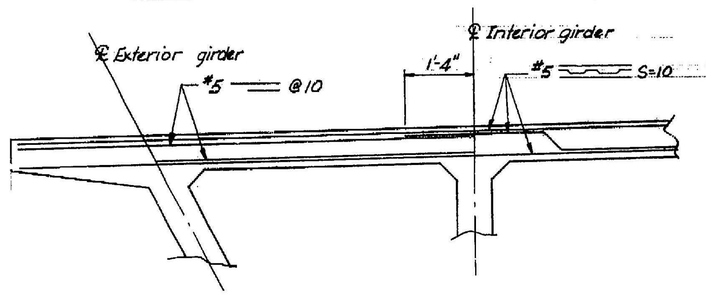
1/8" = 1'-0"



CONCRETE STRENGTH & TYPE LIMITS

Structural Concrete, Bridge.....

C10H Pile .....



DETAIL A

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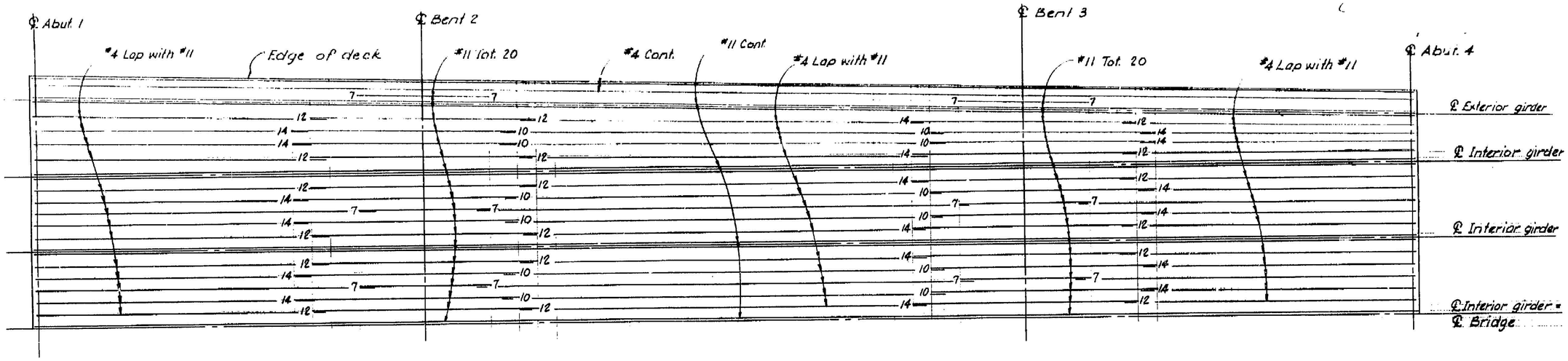
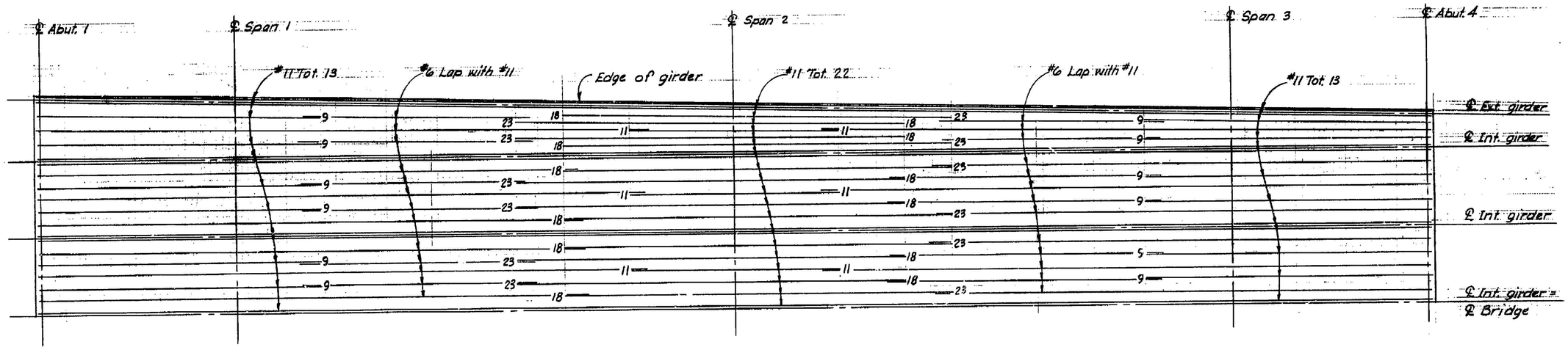


TOP REINFORCEMENT



BOTTOM REINFORCEMENT

Note: Numbers at ends of bars indicates distance in feet from ℄ bent for top reinforcement or from ℄ span for bottom reinforcement.
Reinforcement symmetrical about ℄ Bridge.

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LEGEND OF BORING OPERATIONS

PENETRATION BORING

1" SOIL TUBE

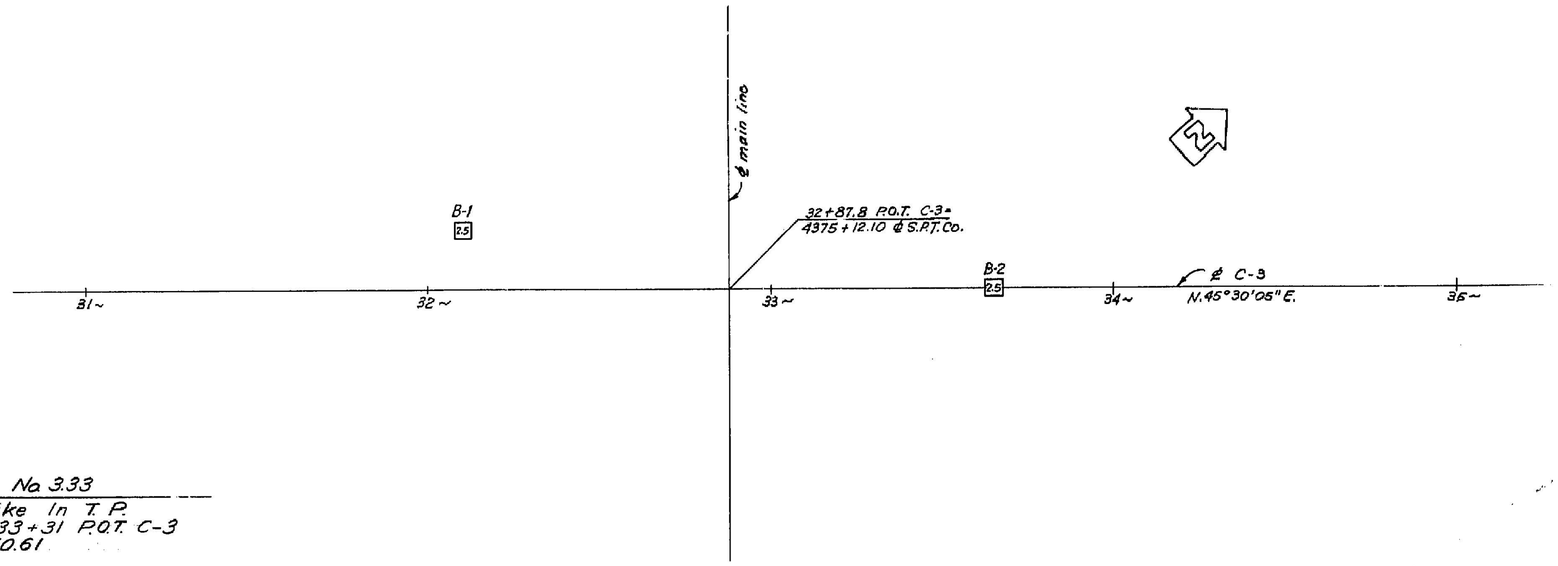
LEGEND OF EARTH MATERIALS

Gravel · Sand · Silt · Clay · Silty Clay or Clayey Silt · Peat, Muck, Organic Matter · Fill Material · Igneous Rock · Sedimentary Rock · Metamorphic Rock · Sandy Clay or Clayey Sand · Sandy Silt or Silty Sand

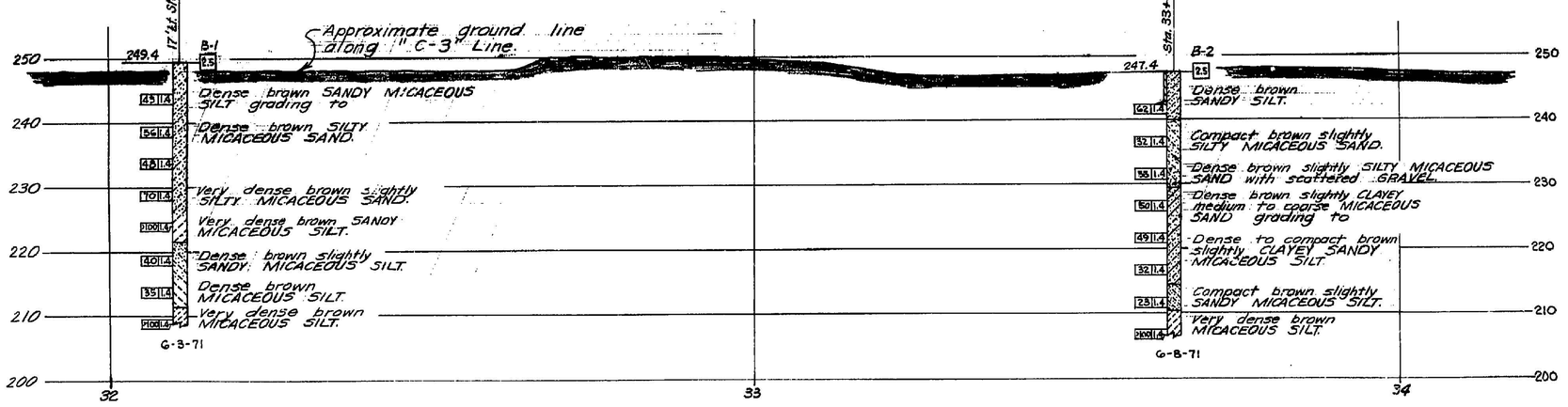
CLASSIFICATION OF MATERIAL BASED ON STANDARD GRADE SIZE LIMITS

NOTE: Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.

B.M. No 3.33
R.R. Spike in T.P.
166' Lt. 33+31 P.O.T. C-3
Elev. 250.61



PLAN
1"=20'



PROFILE
1"=10'

NO GROUND WATER ENCOUNTERED DURING THIS INVESTIGATION BY BRIDGE DEPT. GEOLOGY SECTION
DATE 6-71

BRIDGE DEPARTMENT
ENGINEERING GEOLOGY SECTION

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WO
CU

Disregard prints bearing earlier revision dates →