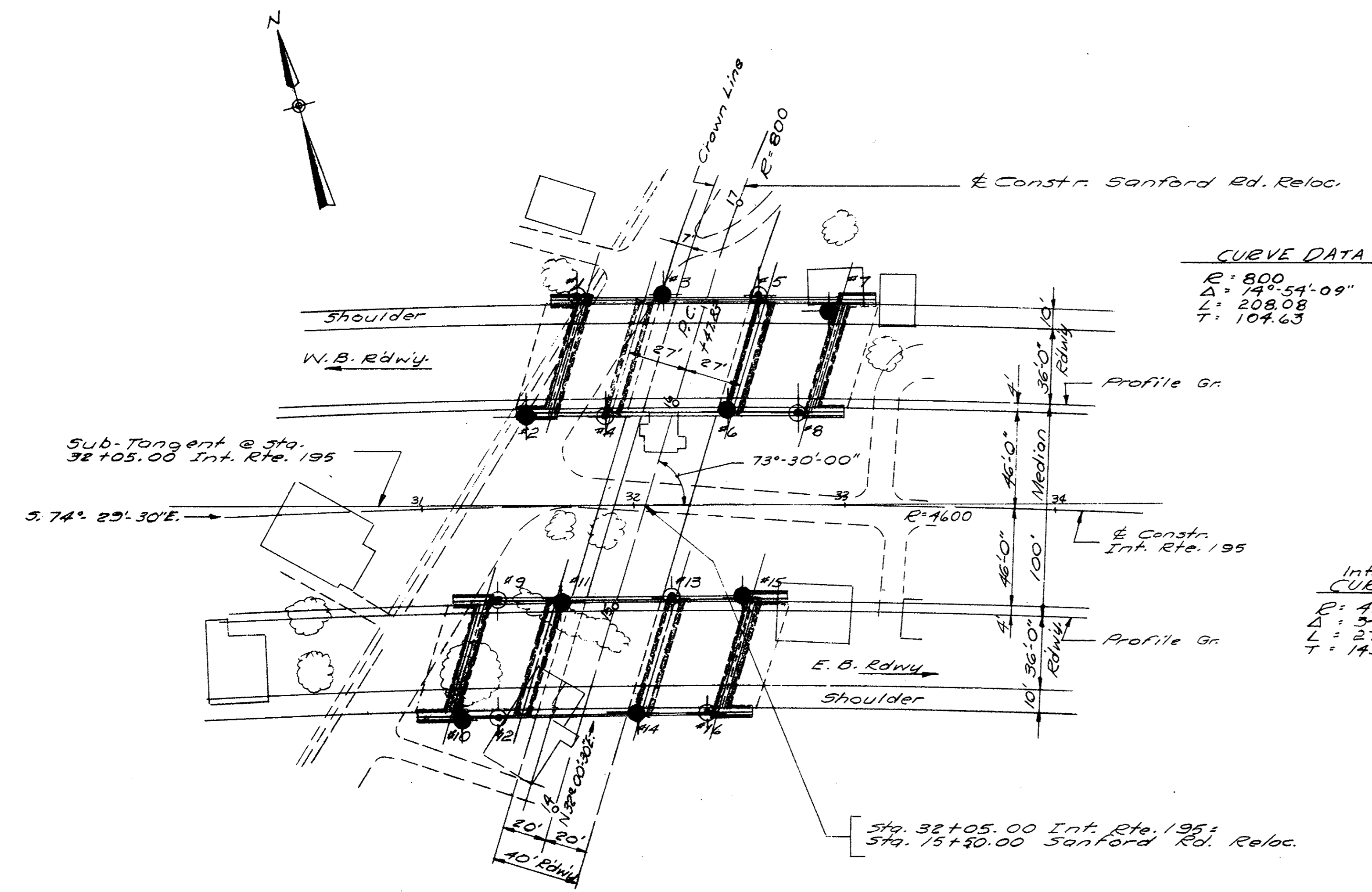


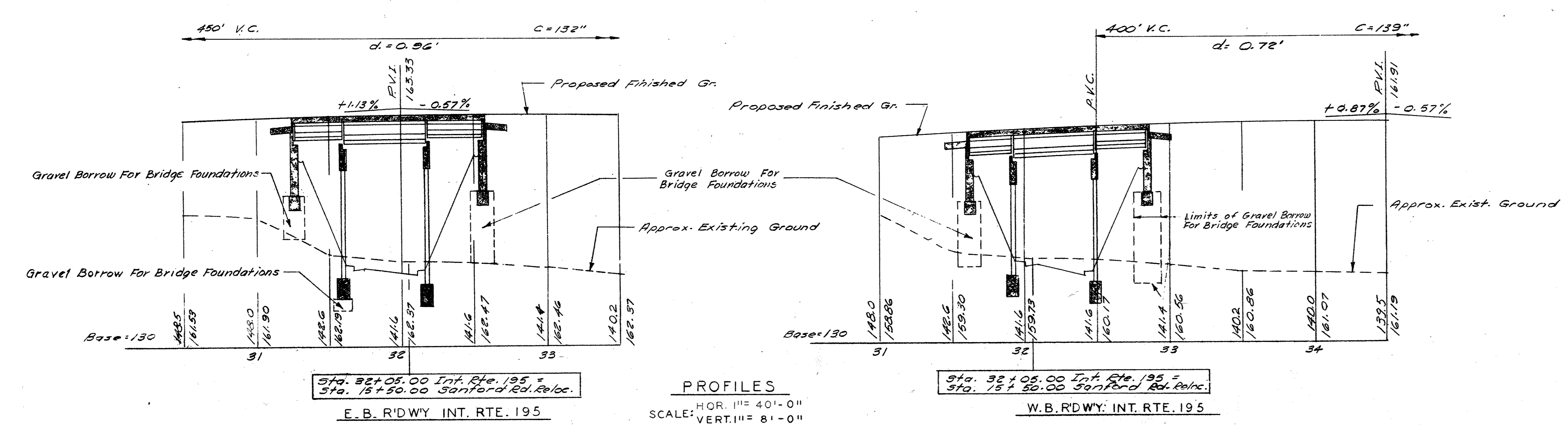
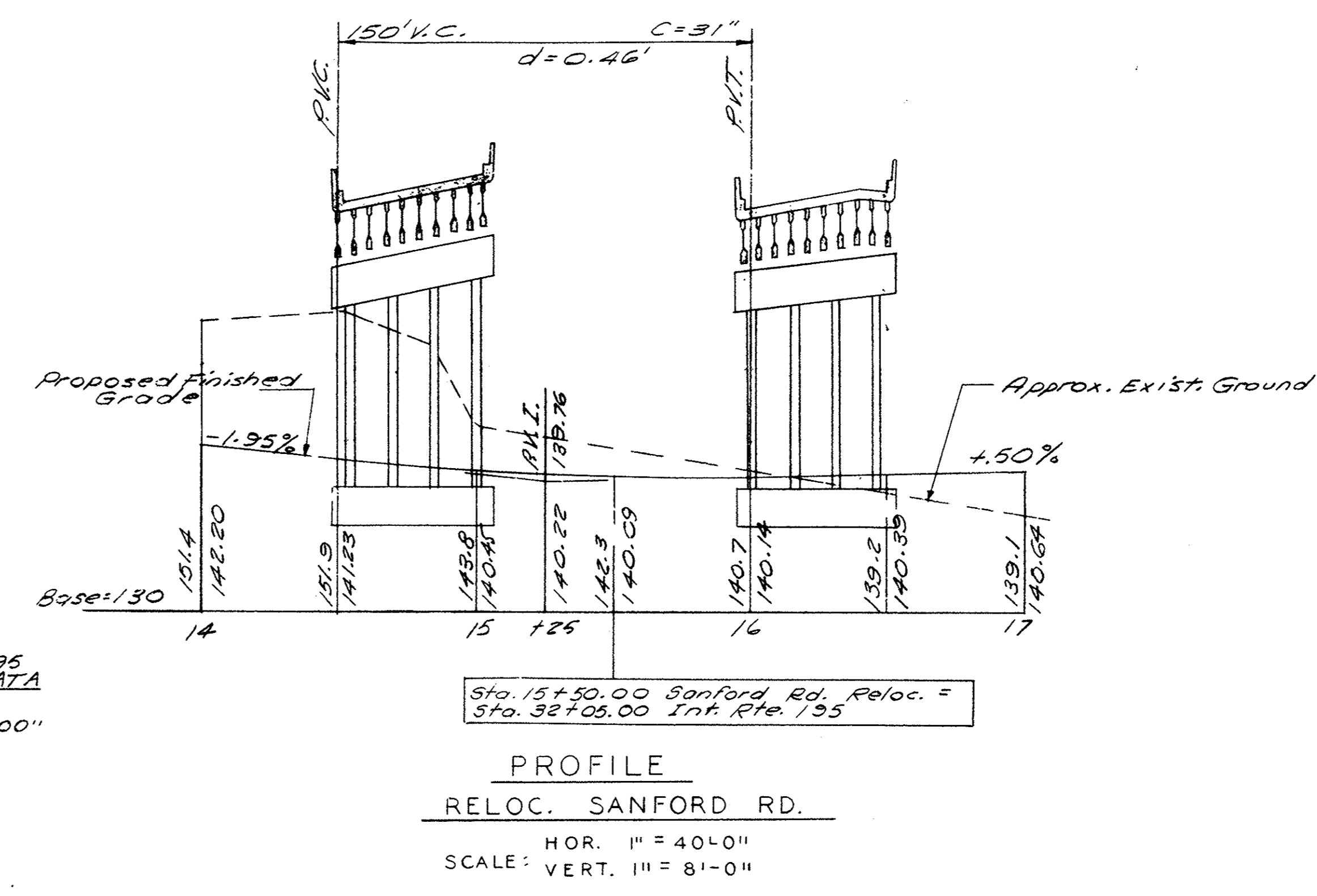
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 1-195-3(49)15 | 196 | 54 | 343 |

GENERAL NOTES

- FOUNDATIONS**
May be altered if necessary to suit conditions encountered during construction.
- DATE & SEAL**
To be placed on the inside face of the Southwest end post, E.B. Rdwy. & Northeast end post, W.B. Rdwy. A sheet showing size & character of materials will be furnished by the Commonwealth & installed by the contractor.
- DESIGN**
In accordance with the current specifications of the American Association of State Highway Officials (1961 Ed.) for H-20-516-44 loading.
- BENCH MARK**
In North Westport on the N.Y., N.H. and H.R.R. 37' W. of the intersection of Sanford Rd. and 8.9' S.W. of the S.W. rail. A copper plug set on top of flat rock, El. 147.455 Sea Level Datum of 1929.
- REINFORCEMENT**
All bars shall have deformations conforming to A.S.T.M. designation A305. Unless otherwise shown on plans, reinforcing bars shall be lapped 20 diameters to make a splice, except that main reinforcing bars near top of slab & beams having more than 12" of concrete under the bar shall be lapped 35 diameters to make a splice.
- SURVEY NOTE BOOKS**
For Survey Information see Survey Books No. 18036, 20963, & 20983.



PLAN
SCALE: 1" = 40'-0"



ESTIMATED QUANTITIES
(Not Guaranteed)

| | |
|---|-----------|
| Bridge Excavation | 970 C.Y. |
| Class B Rock Excavation | 10 C.Y. |
| Gravel Borrow | 250 C.Y. |
| Gravel Borrow for Bridge Foundations | 1775 C.Y. |
| Metal Bridge Railing Type K or Alum. Bridge Railing | 575 L.F. |
| Bridge Structure (W-30-25) | 1 L.S. |

Note: The Following Quantities Are Part of Lump Sum Item 615-1 Bridge Structure (W-30-25) and are Not Guaranteed.
Steel Reinforcing for Structures 19,000 Lbs.
Structural Steel 23,000 Lbs.

| DATE | DESCRIPTION |
|--------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |

DES. AL
DR. MLB
DMS
CHR

APPROVED FOR

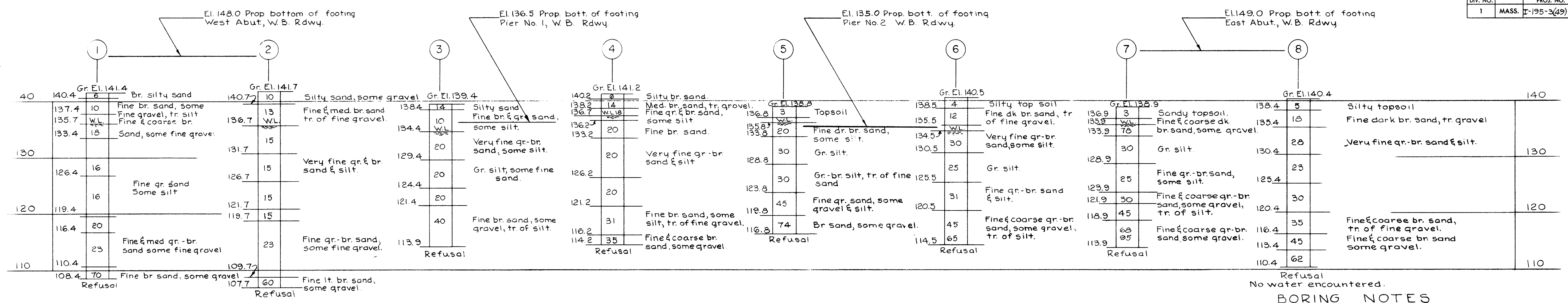
DES. _____
ARCH. _____
SPECS. _____

THE COMMONWEALTH OF MASSACHUSETTS
PROPOSED BRIDGE
WESTPORT
INT. RTE. 195
OVER
SANFORD RD. RELOC.
SCALE: AS NOTED
OFFICE OF
DEPARTMENT OF PUBLIC WORKS
100 NASHUA ST. - BOSTON, MASS.
NOV. 1964

ANTHONY PAUL LAROSA 13648
PROFESSIONAL ENGINEER

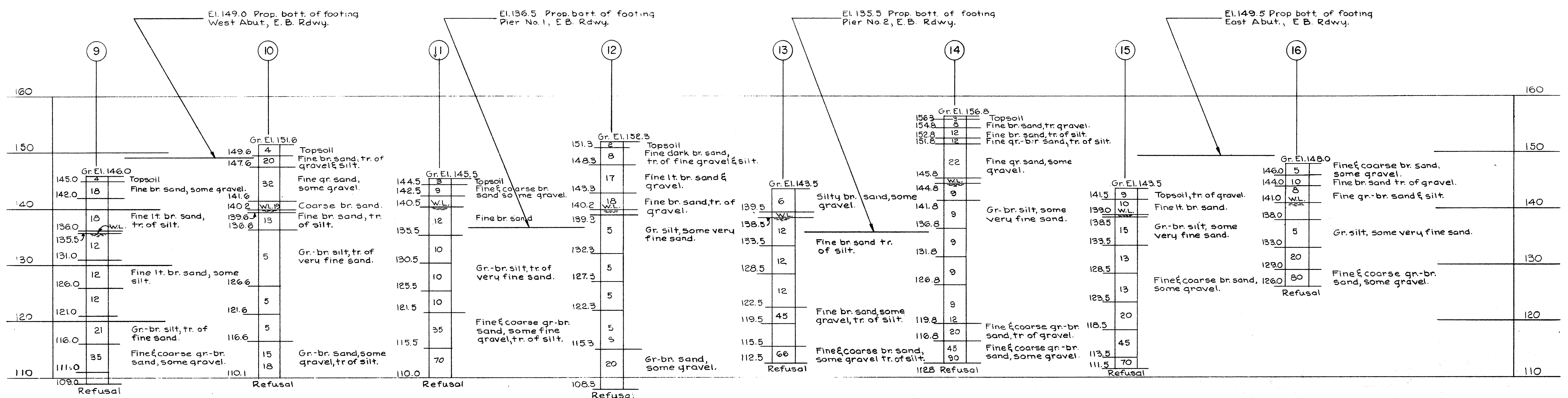
ABBOTT ENGINEERING INCORPORATED
296 STATE STREET BOSTON 9, MASS.

BRIDGE ENGINEER
CHIEF ENGINEER



BORING NOTES

Location of Core Preparatory Borings shown on plan thus #1
 Location of Wash Borings shown on Plans thus #2
 Figures in columns indicate blows per foot on 14" O.D. Spoon, produced by 30" Fall of 140 lb. weight.
 Borings taken for purpose of design and show conditions at boring points only, but do not necessarily show nature of materials to be encountered during construction.
 Boring Samples may be seen at the Research and Materials Div., 99 Worcester St. Wellesley Hills at the intersection of Rte 9 & 128

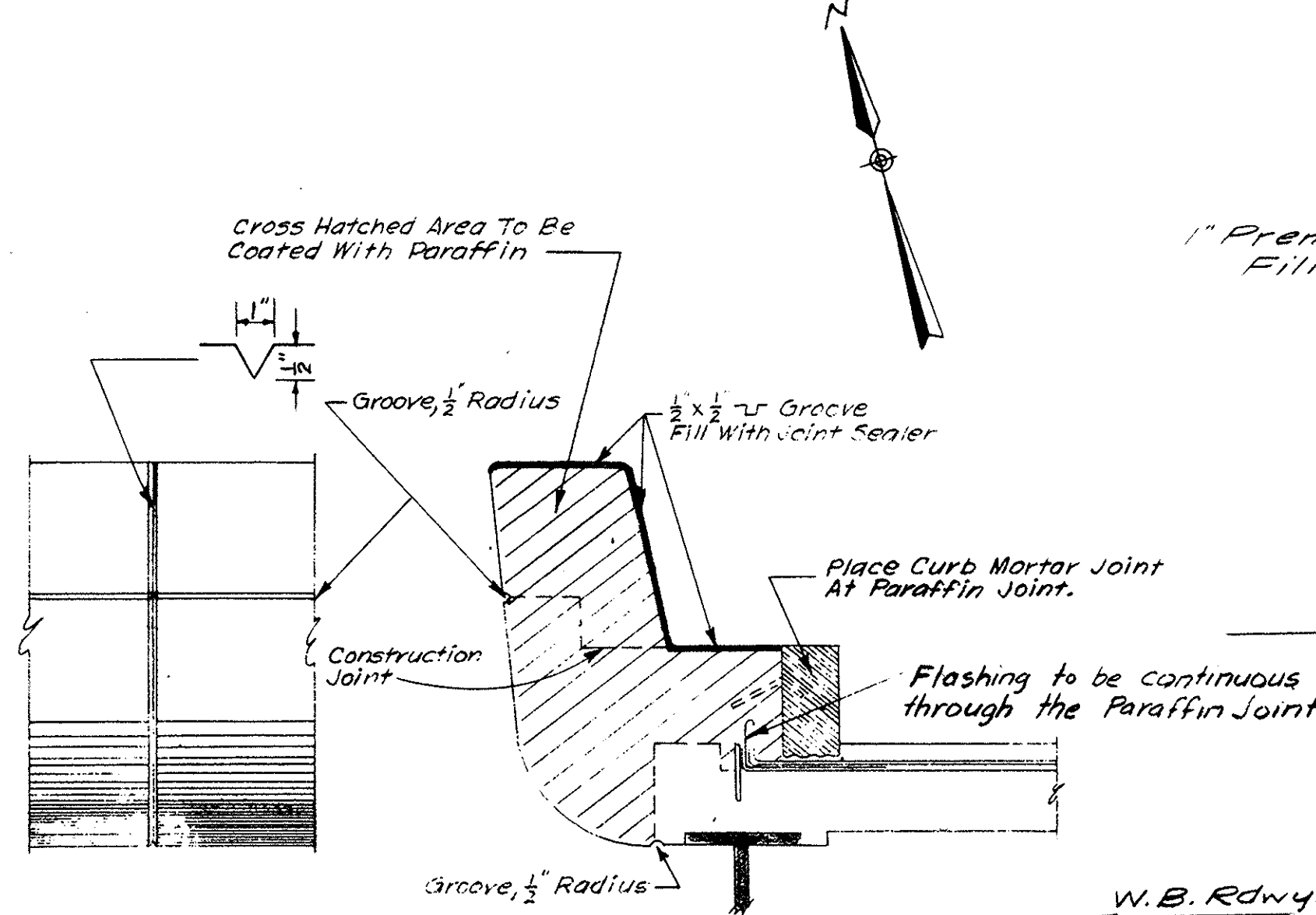


BORINGS TAKEN BY JOHN J. BOYLE, MILTON, MASS., JUNE, 1962

BORING DATA
SCALE = 1/8" = 1'-0"

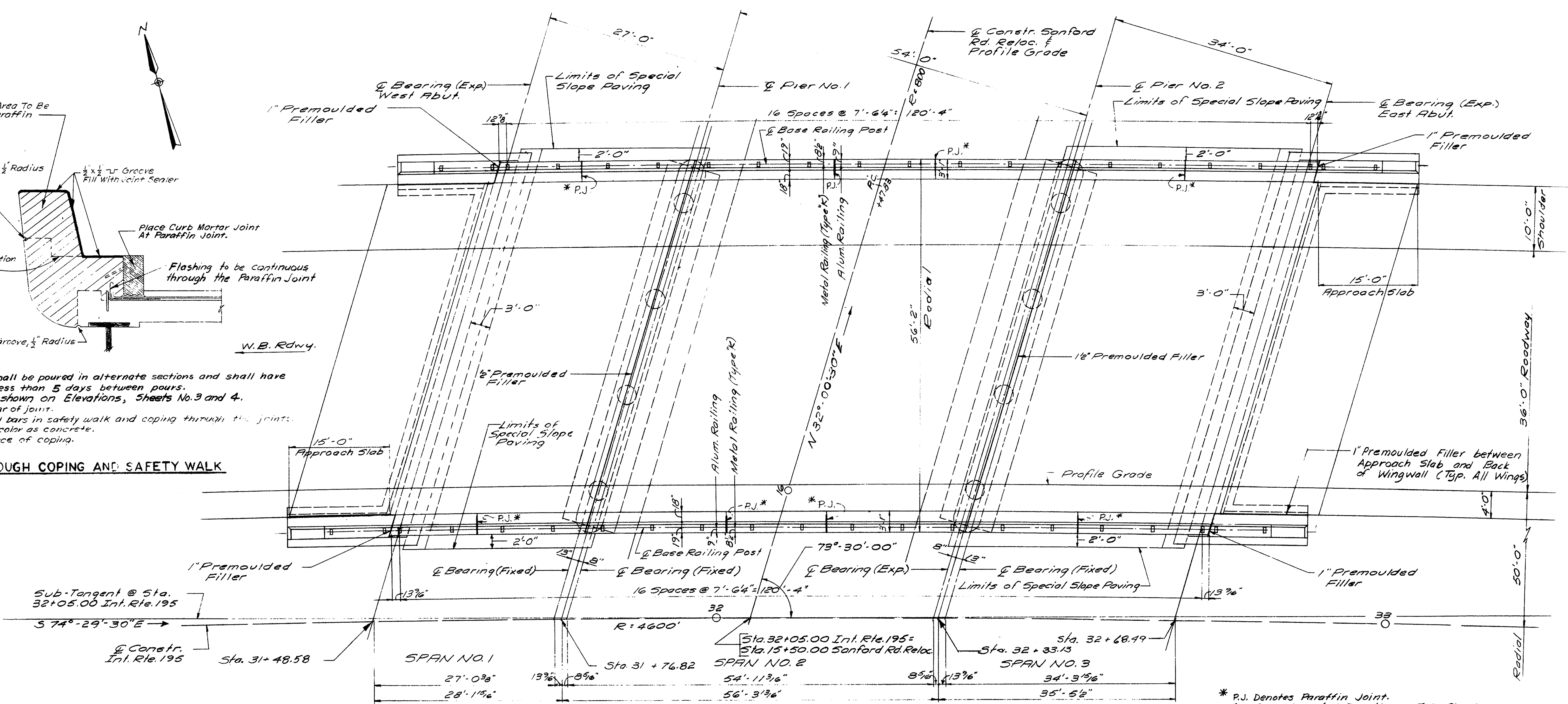
| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | I-195-3(49) | 196 | 56 | 343 |

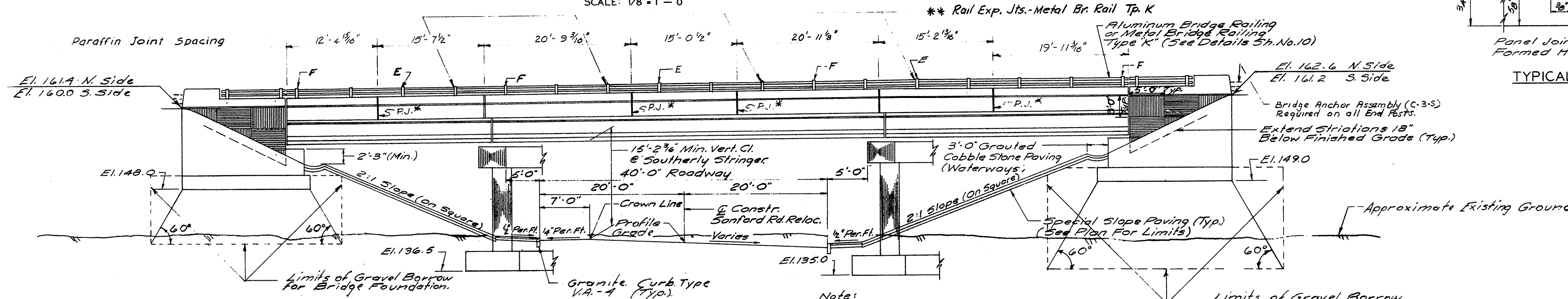


NOTES:-
 1. Safety walk and coping shall be poured in alternate sections and shall have a curing period of not less than 5 days between pours.
 2. Joints to be located as shown on Elevations, Sheets No. 3 and 4.
 3. Ends of bars to be 2" clear of joint.
 4. Do not carry longitudinal bars in safety walk and coping through the joints.
 5. Joint sealer to be same color as concrete.
 6. Joint to be square to face of coping.

PARAFFIN JOINT THROUGH COPING AND SAFETY WALK



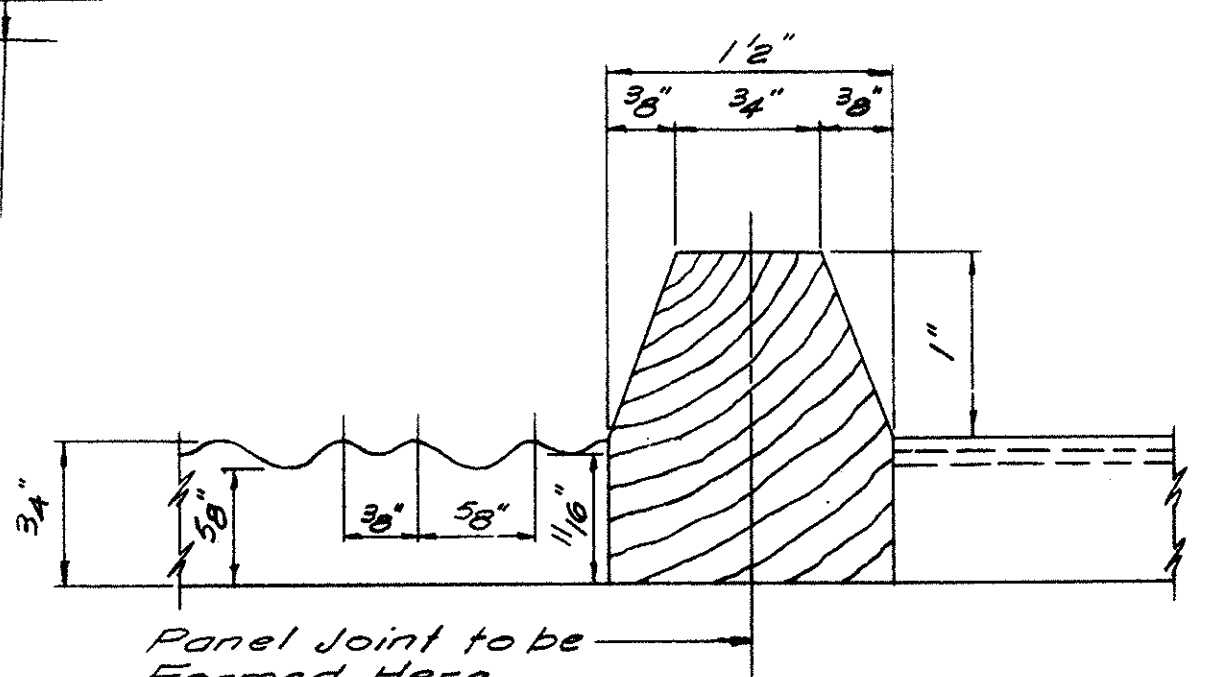
PLAN - WESTBOUND ROADWAY
SCALE: 1/8" = 1' - 0"



ELEVATION
SCALE: 1/8" = 1' - 0"

Rail Notes:
 Aluminum Rail "F" Denotes Location of Fixed Posts
 Metal Rail Tp.K "E" Denotes Location of Expansion Posts
 "**" Denotes Location of Rail Expansion Joints

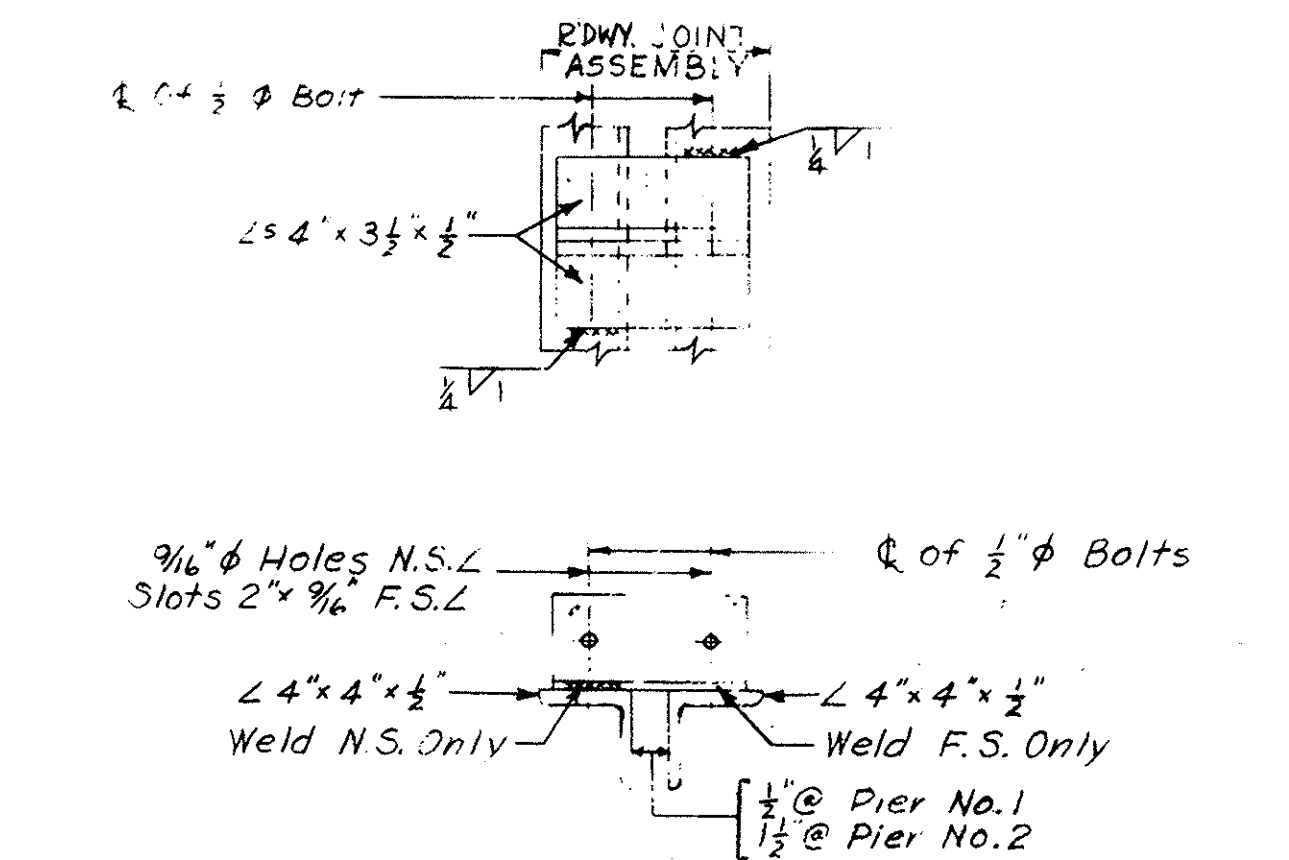
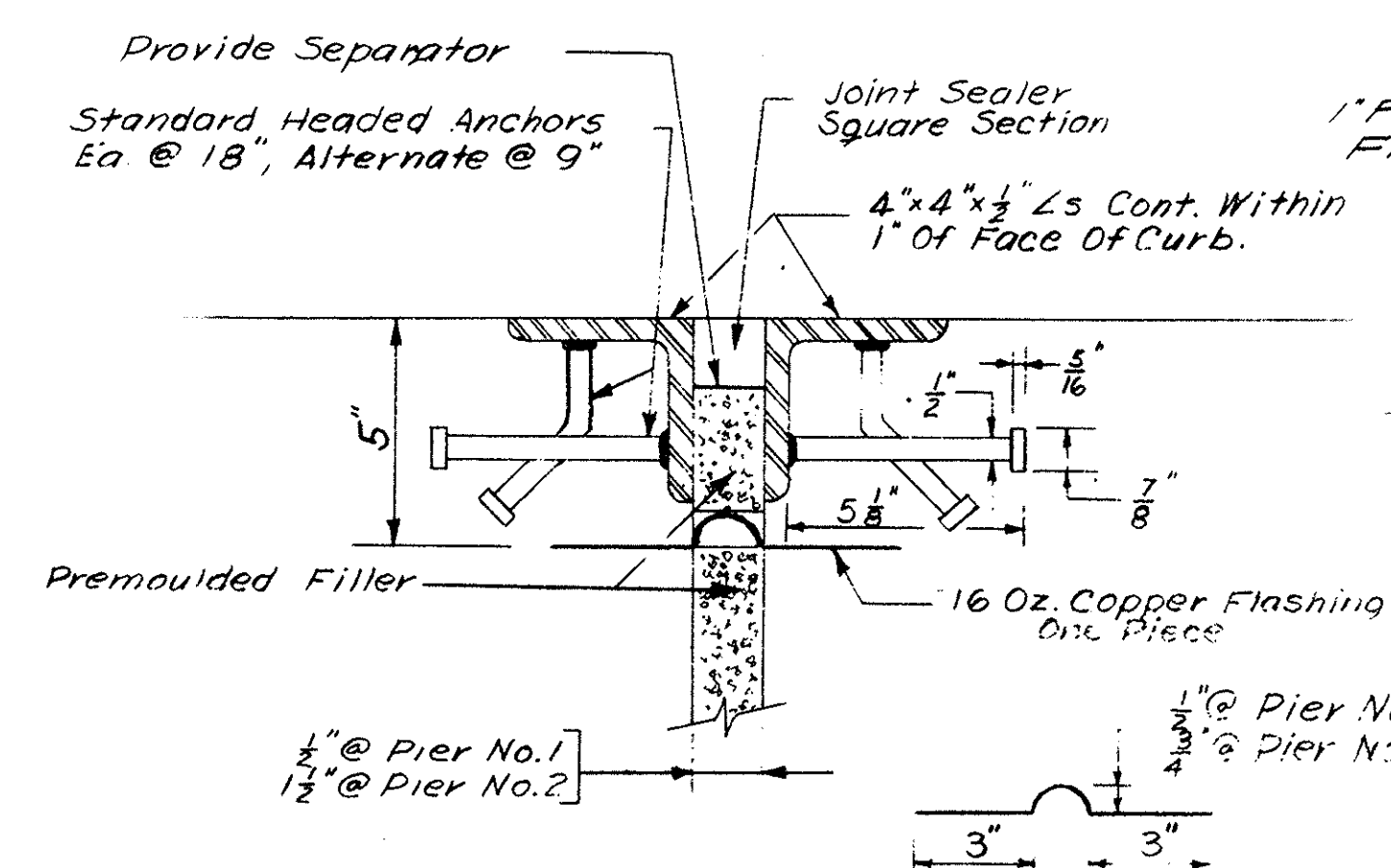
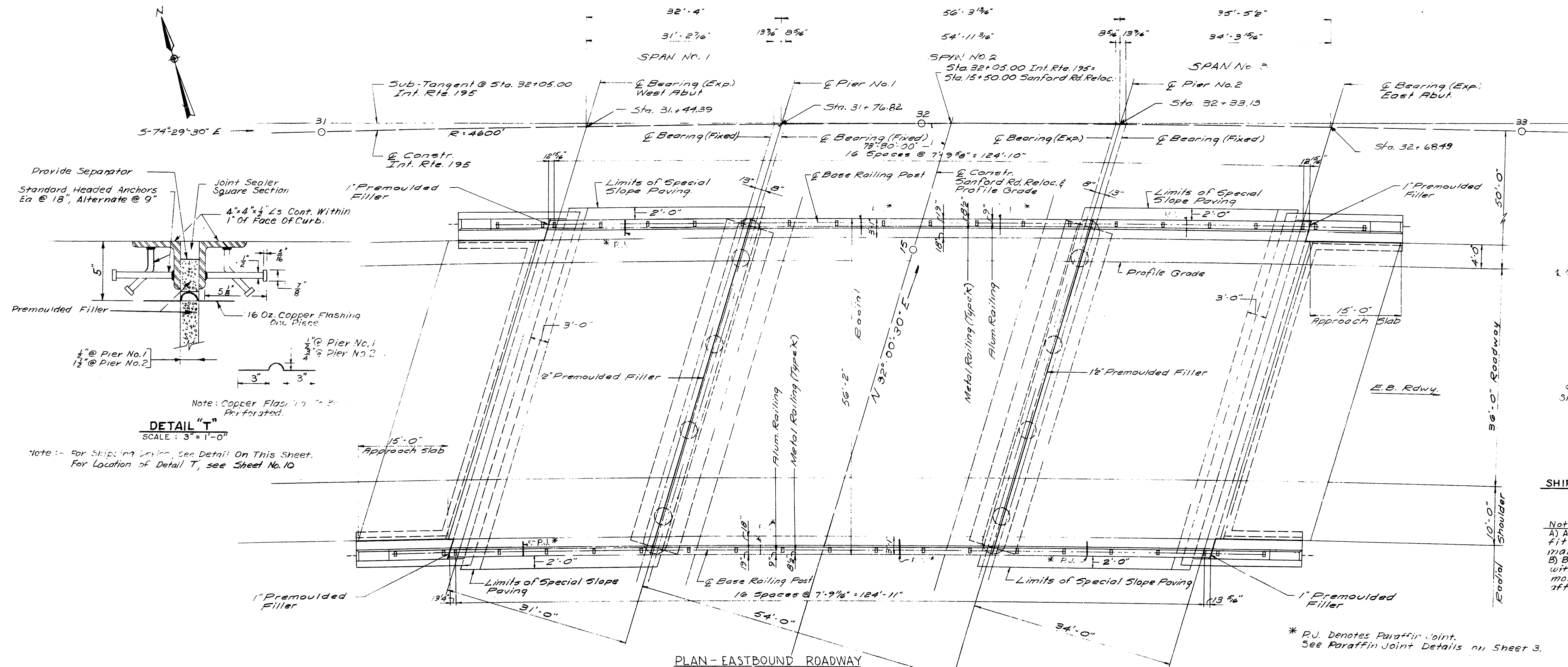
Note: Roadway Shown is for Square Section



TYPICAL STRIATED PANEL JOINT
FULL SCALE

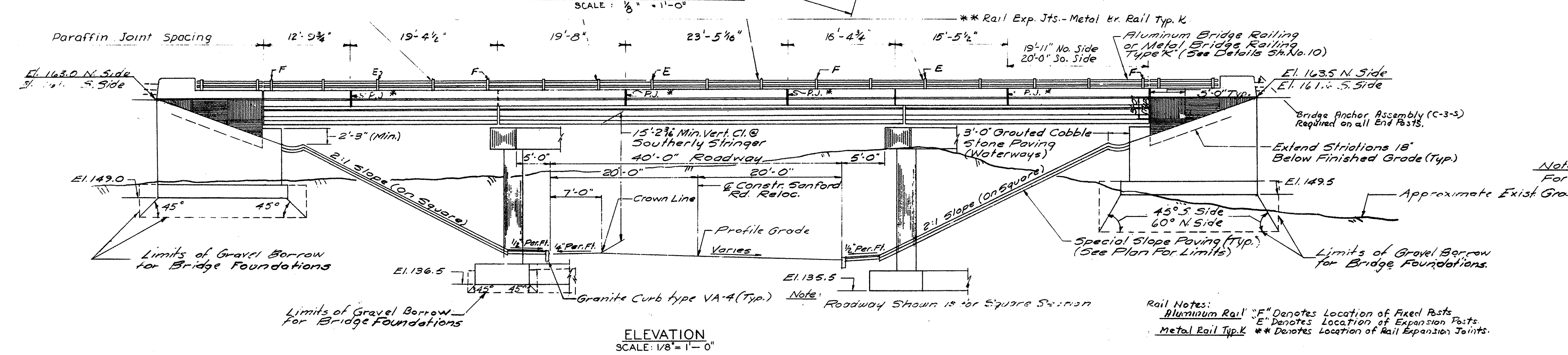
| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 195-34915 | 196 | 57 | 343 |



SHIPPING DEVICE FOR ROADWAY JOINT ASSEMBLY
SCALE: 1/2" = 1'-0"

Notes For Shipping Device :-
 A) All roadway joint assemblies must be properly fitted in shop and shipped with device for maintaining proper spacing and fit.
 B) Bolts on shipping device must be loosened within one hour after concrete is placed so that movement may take place. Device shall be removed after concrete has set on both sides of assembly.

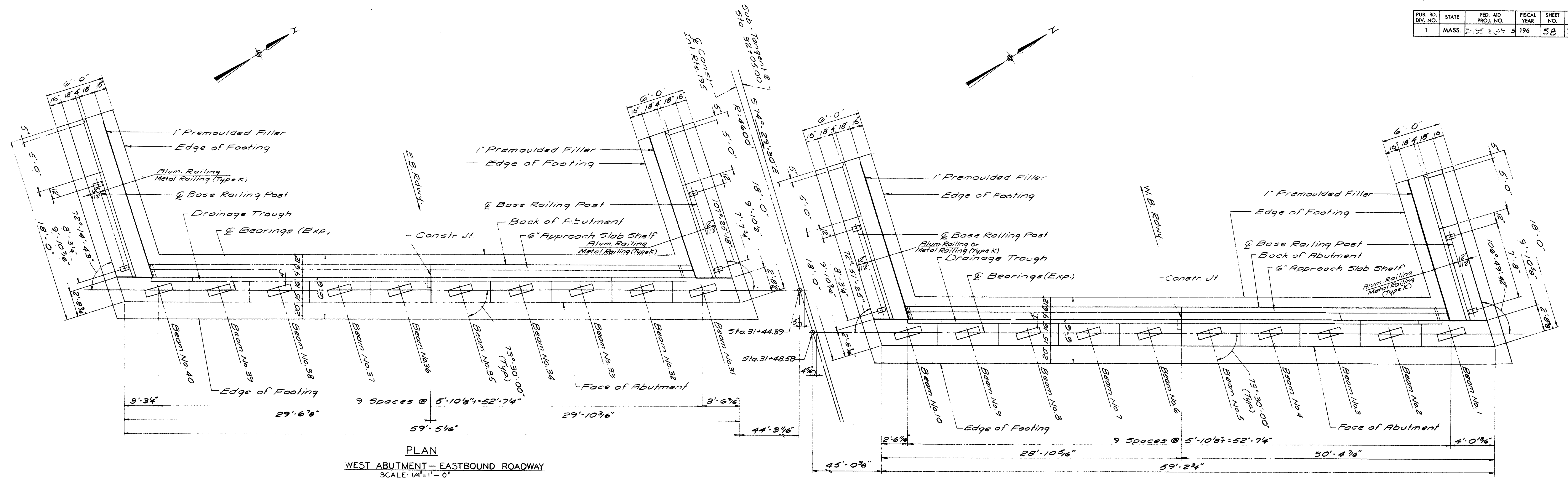


Note:
For Typical Striated Panel Joint Detail See Sh. No. 3

Rail Notes:
 Aluminum Rail "F" Denotes Location of Fixed Posts
 Metal Rail Typ. "E" Denotes Location of Expansion Posts
 Metal Rail Typ. "K" Denotes Location of Rail Expansion Joints

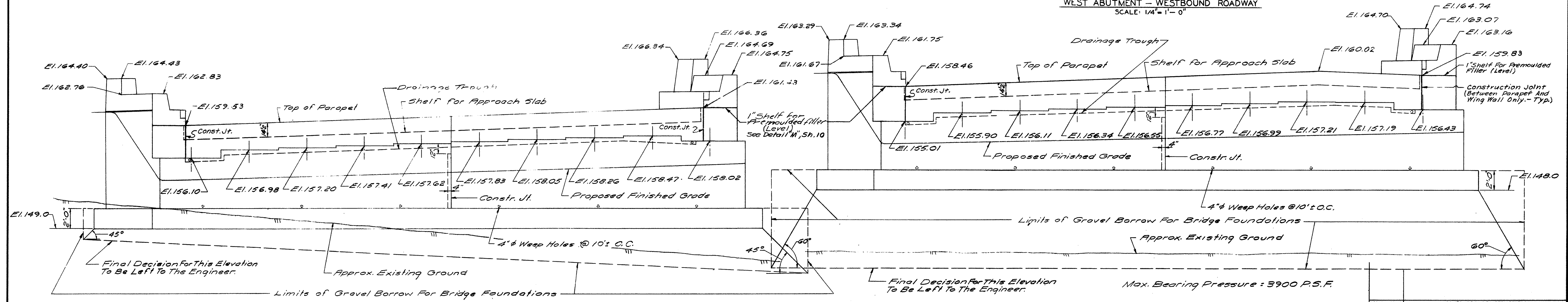
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
|--------------|--------------------------------|
| DATE | DESCRIPTION |
| | USE ONLY PRINTS OF LATEST DATE |

| | | | | | |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
| 1 | MASS. | 1-55-3-5 | 196 | 58 | 343 |



PLAN
WEST ABUTMENT - EASTBOUND ROADWAY
SCALE: 1/4" = 1' - 0"

PLAN
WEST ABUTMENT - WESTBOUND ROADWAY
SCALE: 1/4" = 1' - 0"



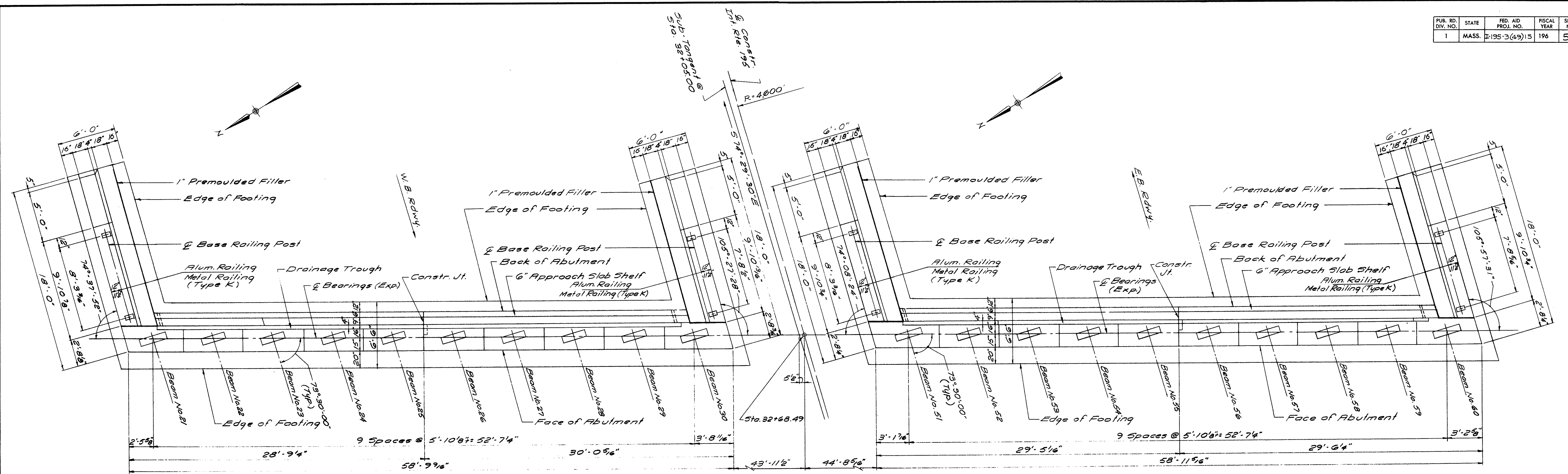
ELEVATION
SCALE: 1/4" = 1' - 0"

ELEVATION
SCALE: 1/4" = 1' - 0"

Notes:
For Typical Section Thru Parapet See Sh. No. 9
For Typical Wingwall Section See Sh. No. 9
For Typical Abutment Cross Section See Sh. No. 9
For Plan of Const. Jt. See Sh. No. 9

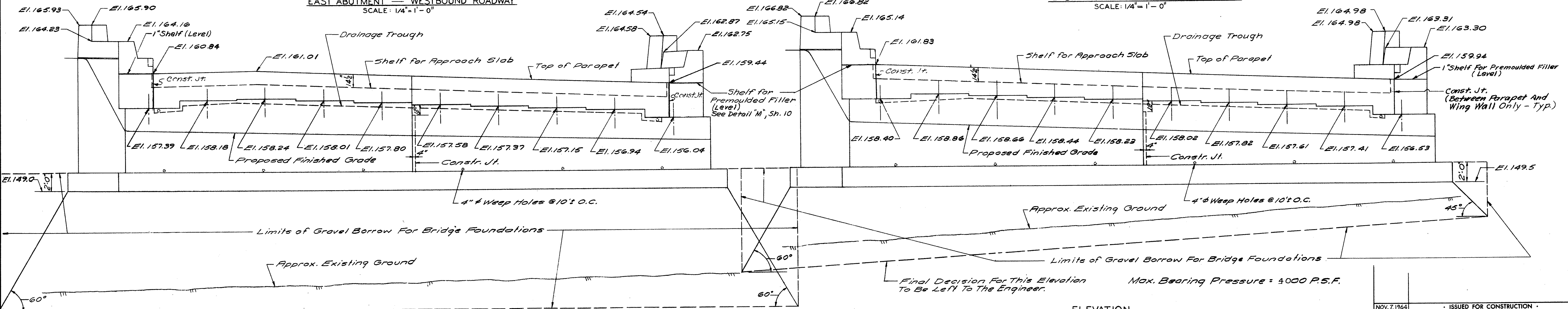
| | |
|--------------|--------------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| | USE ONLY PRINTS OF LATEST DATE |

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 1-195-3(49)15 | 196 | 59 | 343 |



PLAN
EAST ABUTMENT — WESTBOUND ROADWAY
SCALE: 1/4" = 1' - 0"

PLAN
EAST ABUTMENT — EASTBOUND ROADWAY
SCALE: 1/4" = 1' - 0"



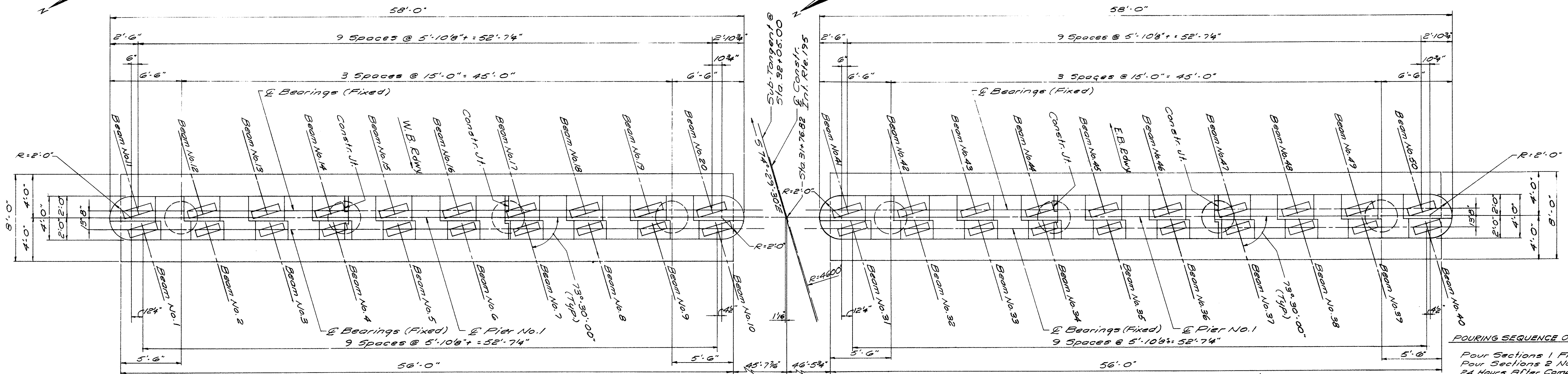
ELEVATION
SCALE: 1/4" = 1' - 0"

ELEVATION
SCALE: 1/4" = 1' - 0"

Notes:
For Typical Section Thru Parapet See Sh. No. 9
For Typical Wingwall Section See Sh. No. 9
For Typical Abutment Cross Section See Sh. No. 9
For Plan of Const. Jt. See Sh. No. 3

| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

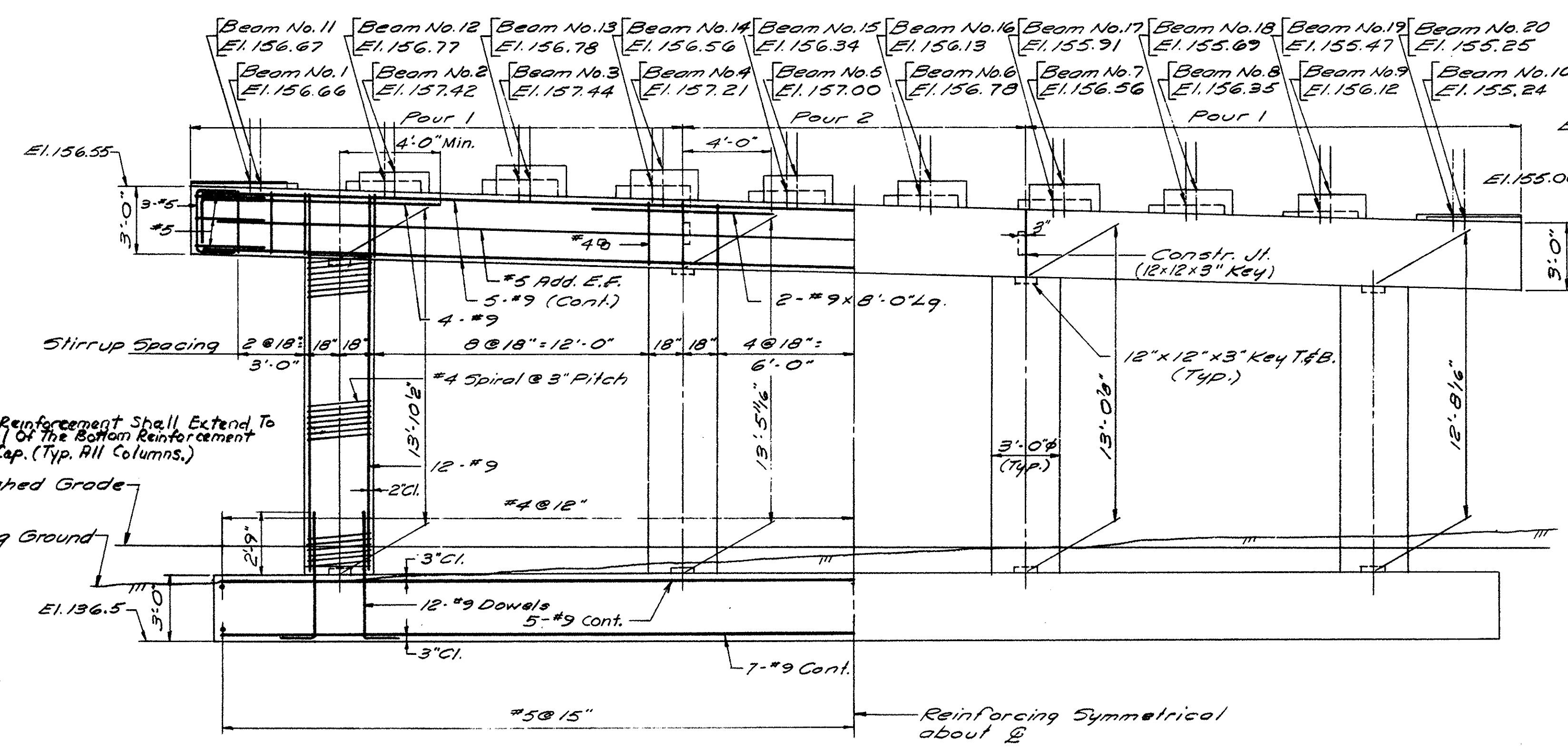
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 195-3(49)E | 196 | 60 | 343 |



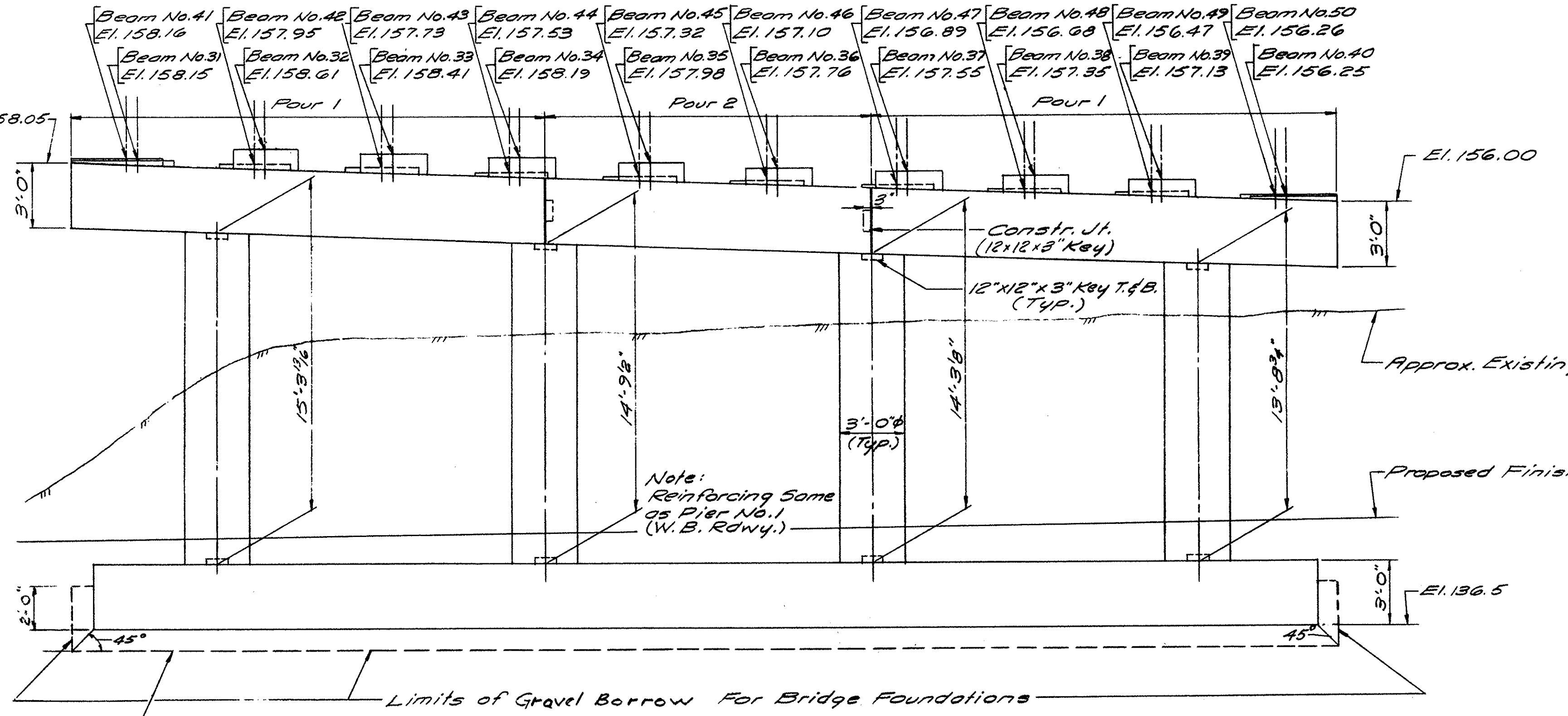
POURING SEQUENCE OF PIER CAPS
 Pour Sections 1 First,
 Pour Sections 2 Not Less Than
 24 Hours After Completion of
 Pour of Sections 1.

PLAN
PIER NO. 1 - WESTBOUND ROADWAY
 SCALE: 1/4" = 1' - 0"

PLAN
PIER NO. 1 - EASTBOUND ROADWAY
 SCALE: 1/4" = 1' - 0"



ELEVATION
 SCALE: 1/4" = 1' - 0"

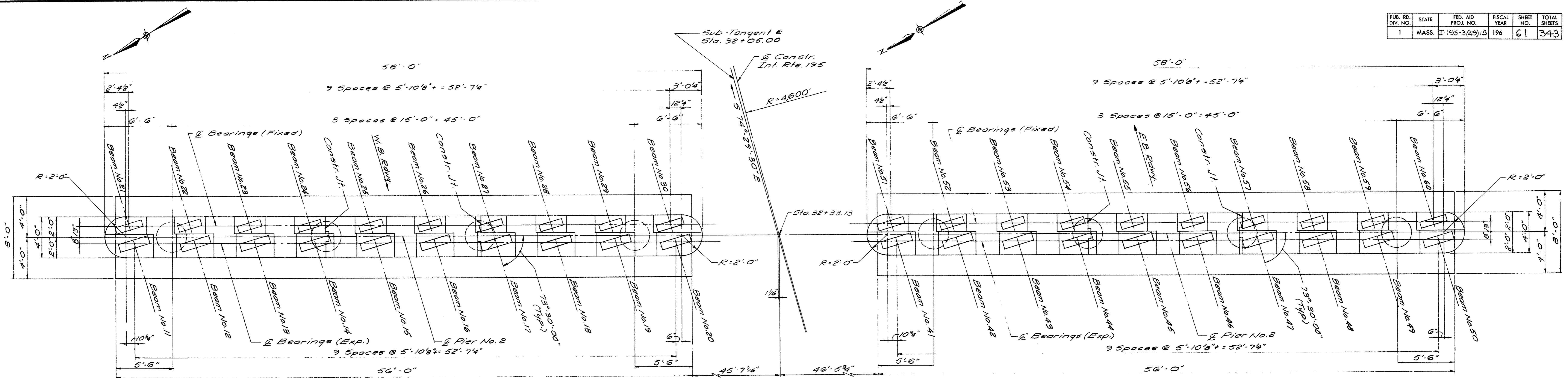


ELEVATION
 SCALE: 1/4" = 1' - 0"

Notes:
 For Typical Pier Cross Section See Sh. No. 9
 For Typical End Detail See Sh. No. 9
 For Pedestal Details See Sh. No. 9

| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | T 195-3(49)15 | 196 | 61 | 343 |

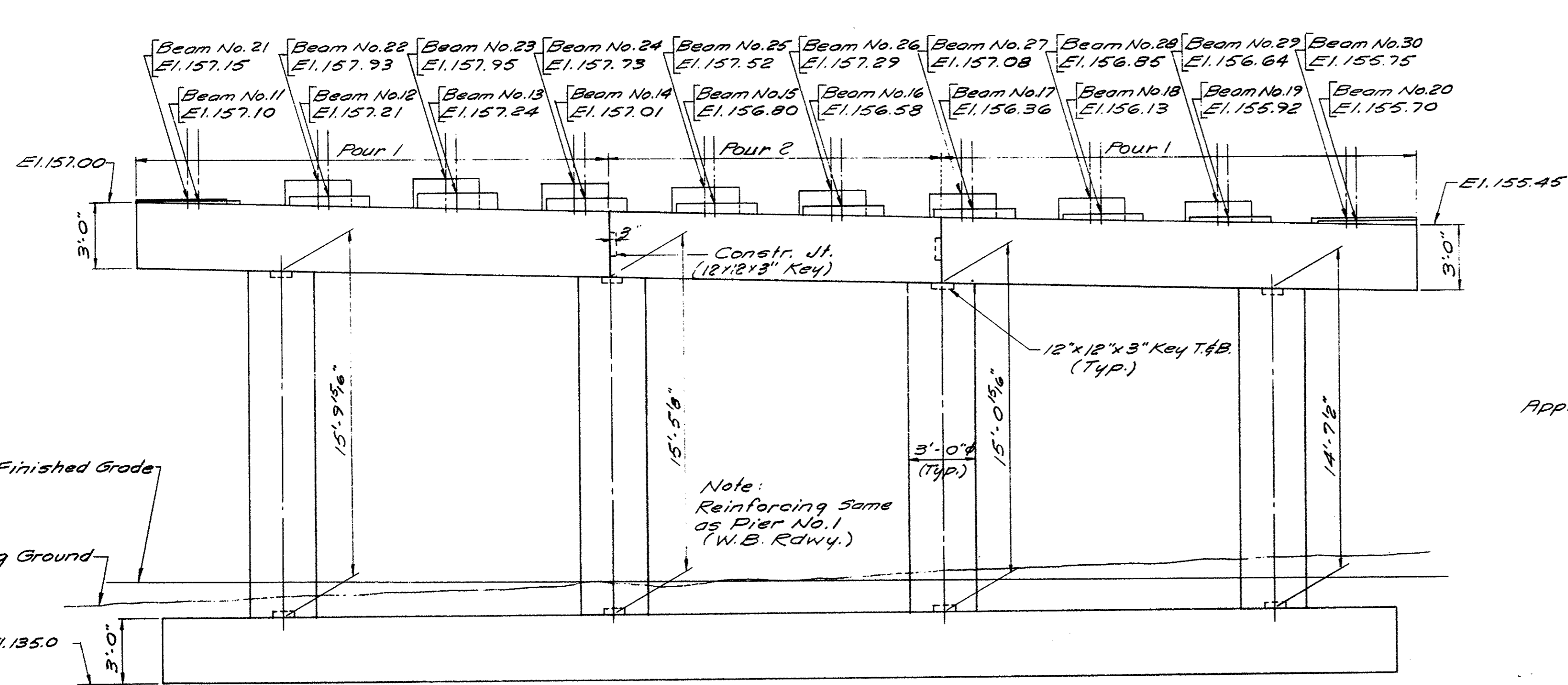


PLAN
PIER NO. 2 - WESTBOUND ROADWAY
SCALE: 1/4" = 1'-0"

PLAN
PIER NO. 2 - EASTBOUND ROADWAY
SCALE: 1/4" = 1'-0"

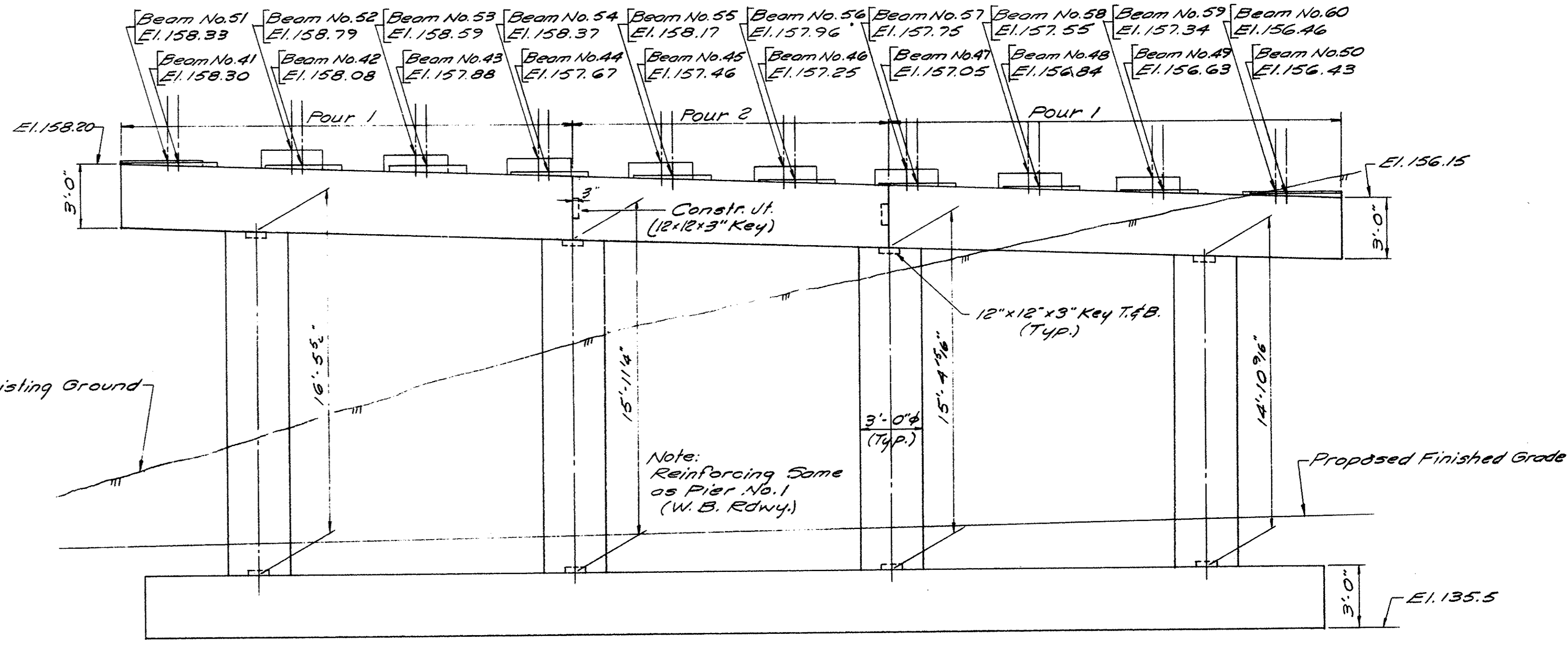
Note: Pedestals for Beams 14, 17, 27 to be Paired Separately

Note: Pedestals for Beams 44, 47, 57 to be Paired Separately



ELEVATION
SCALE: 1/4" = 1'-0"

Max. Bearing Pressure: 2900 P.S.F.



ELEVATION
SCALE: 1/4" = 1'-0"

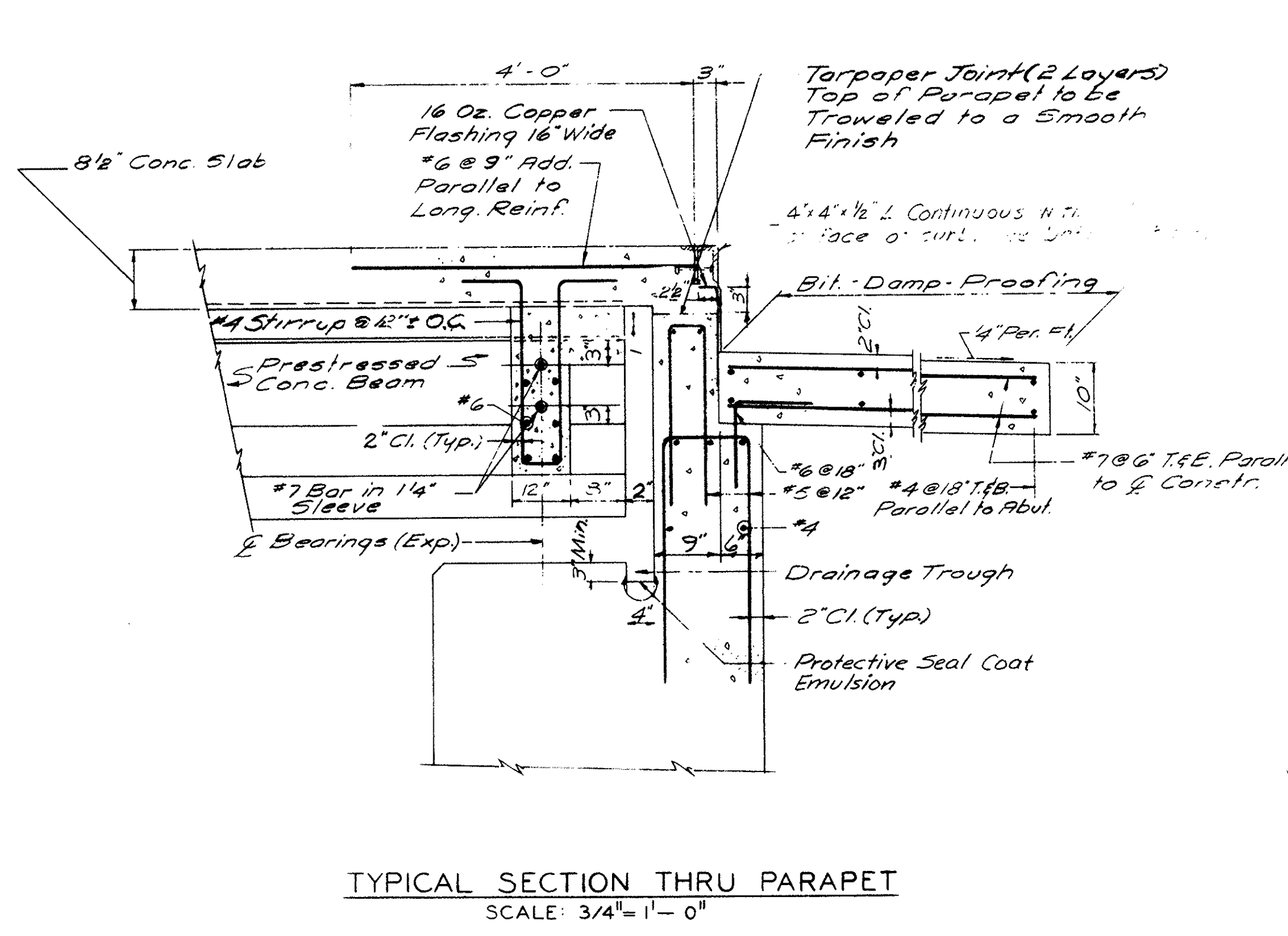
Max. Bearing Pressure: 2900 P.S.F.

Pouring Sequence of Pier Caps
Pour Sections 1 First
Pour Sections 2 not less than 24 hours after completion of Pours of Sections 1

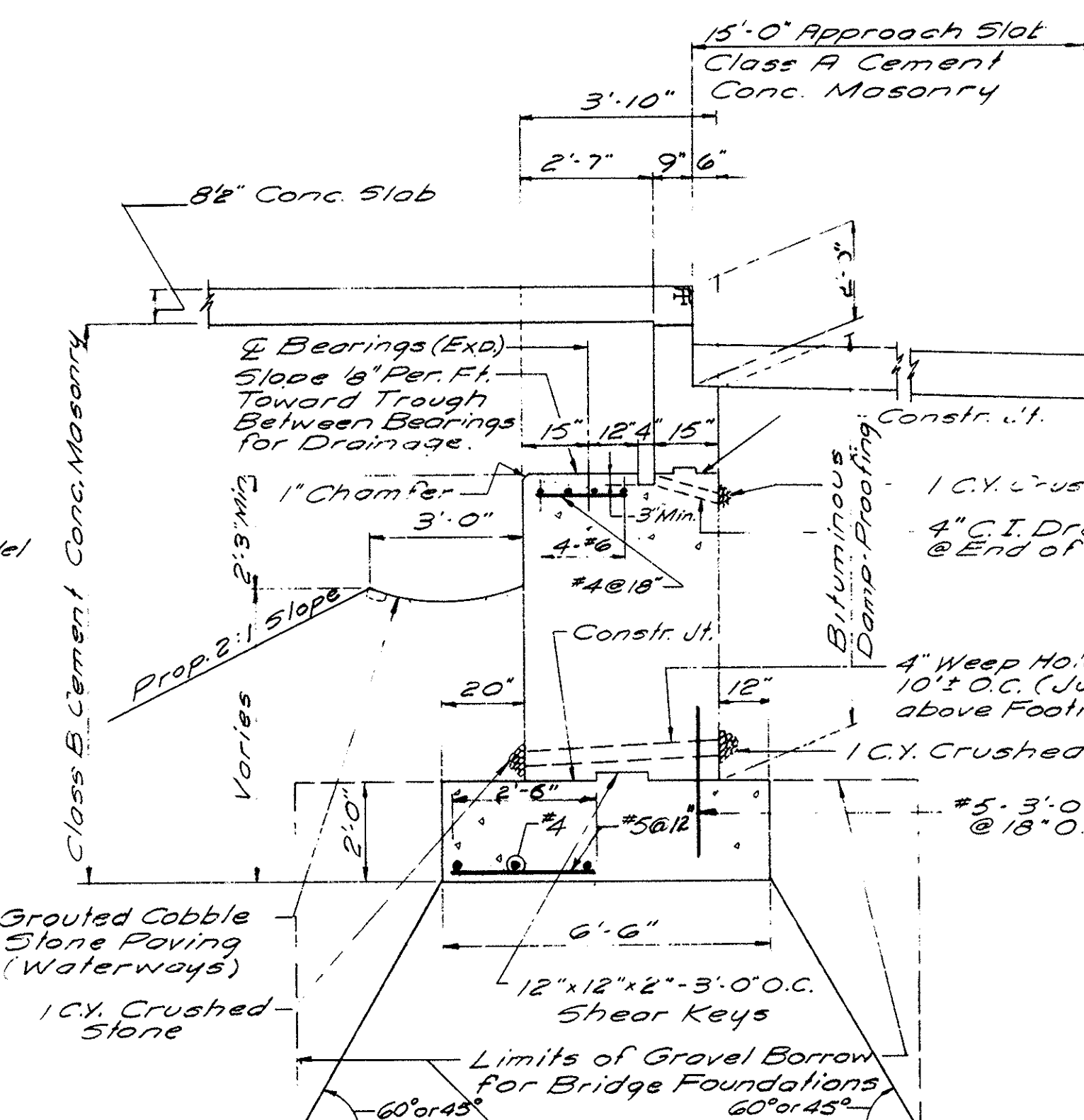
Notes:
For Typical Pier Cross Section See Sh. No. 9
For Typical End Detail See Sh. No. 9
For Pedestal Details See Sh. No. 9

| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

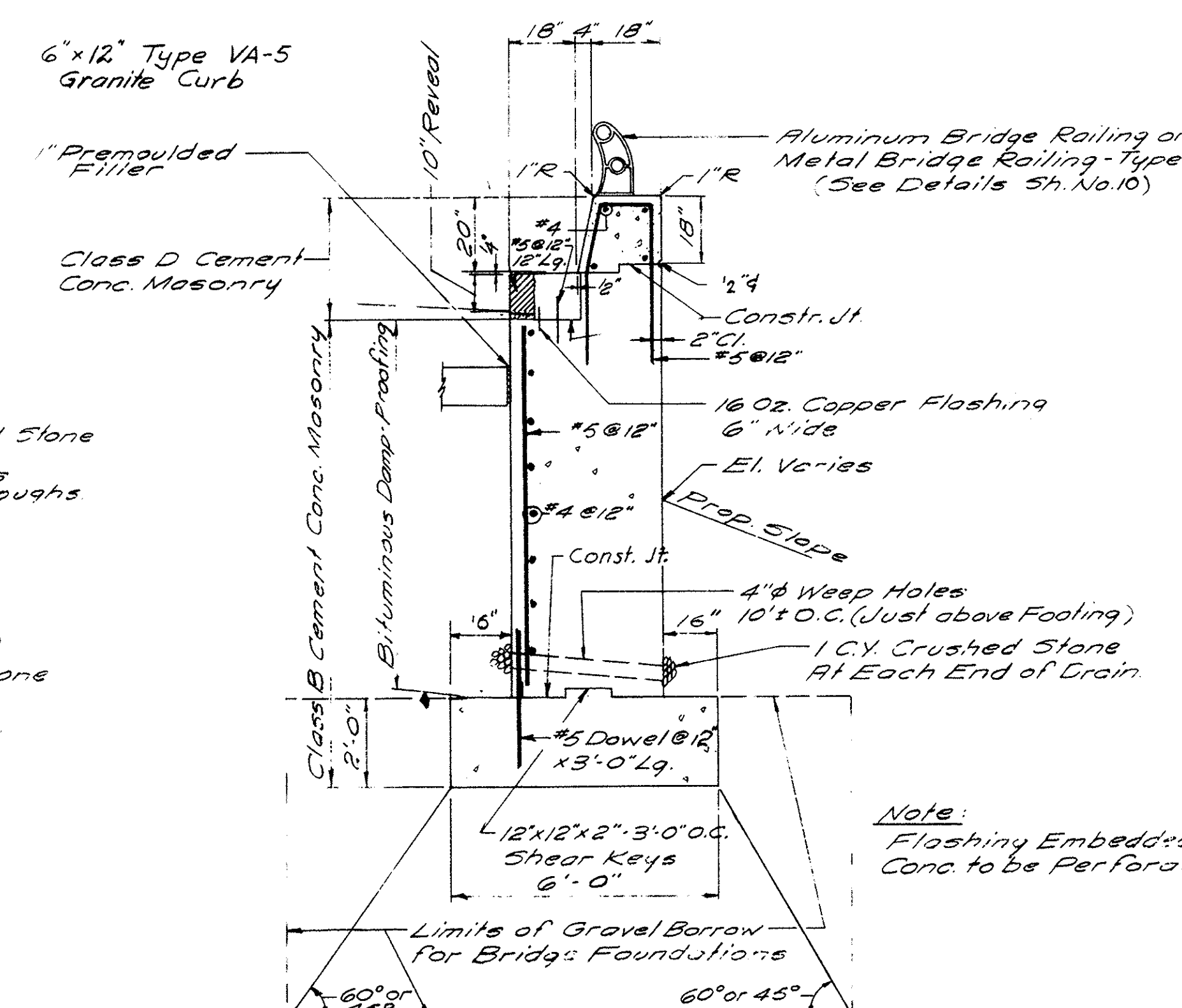
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | I-1953(49)15 | 196 | 62 | 343 |



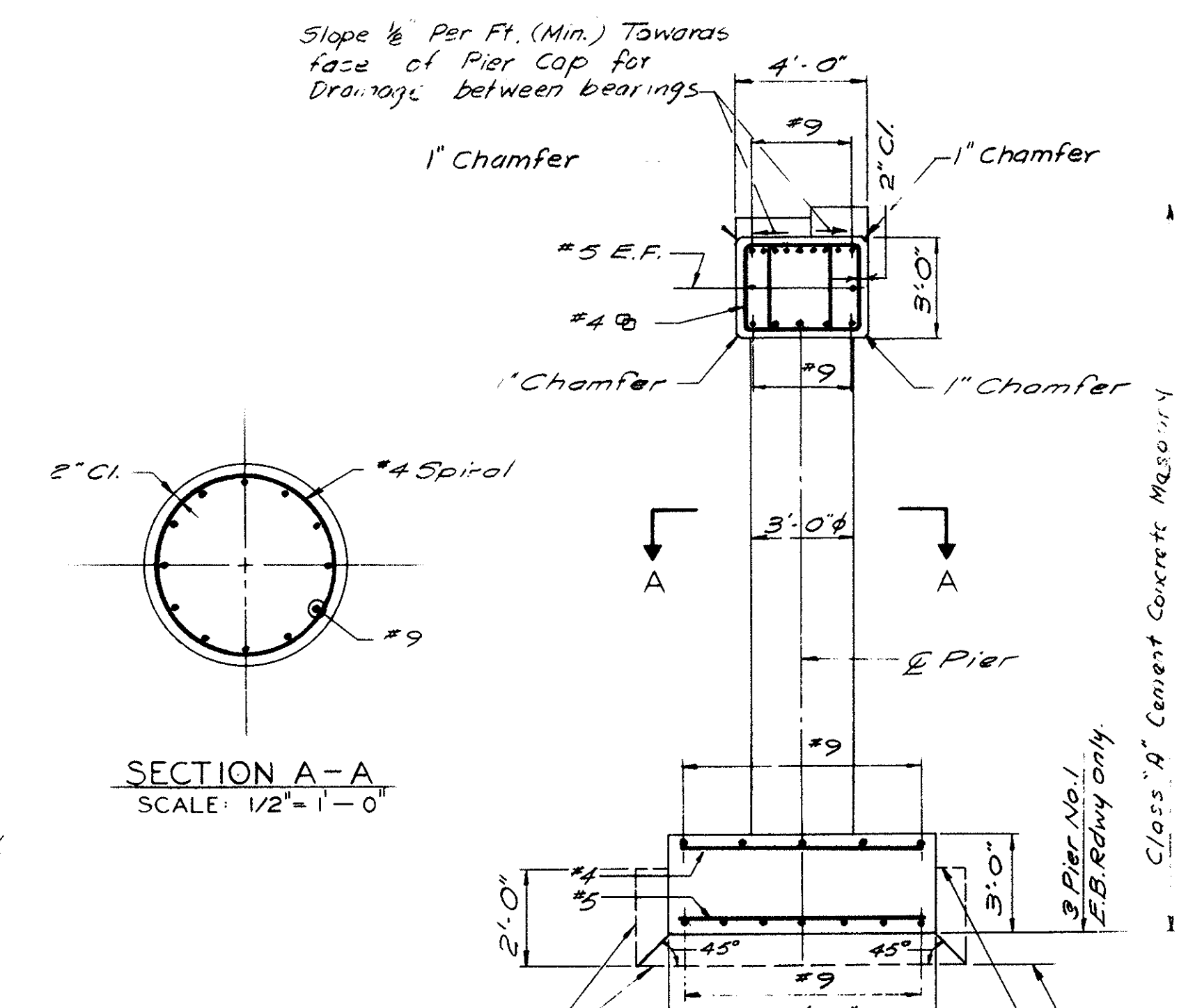
TYPICAL SECTION THRU PARAPET
SCALE: 3/4" = 1'-0"



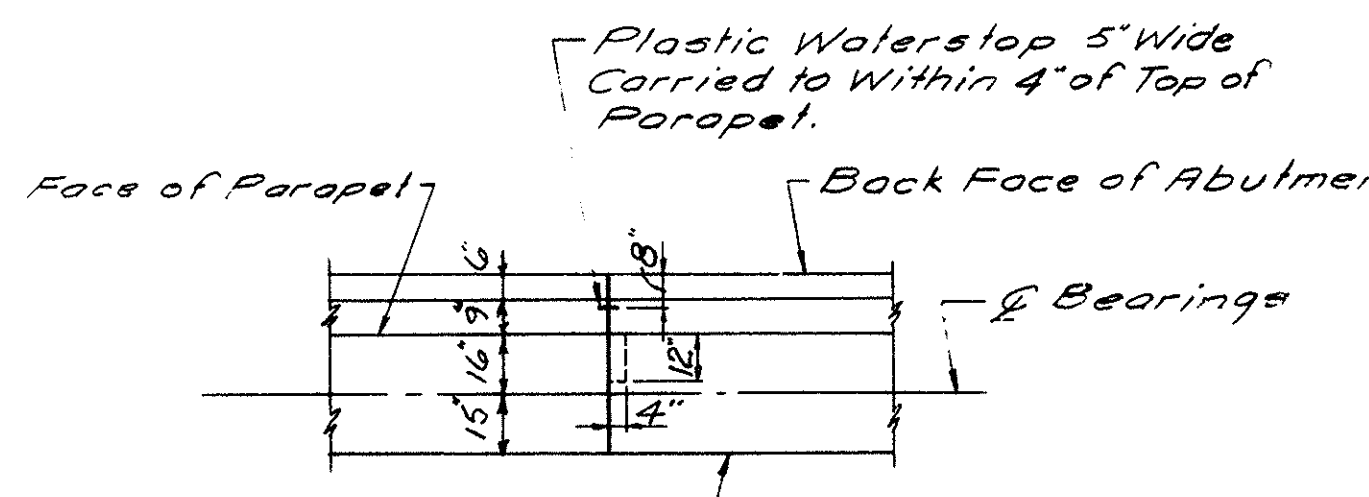
TYPICAL ABUTMENT CROSS SECTION
SCALE: 3/8" = 1'-0"



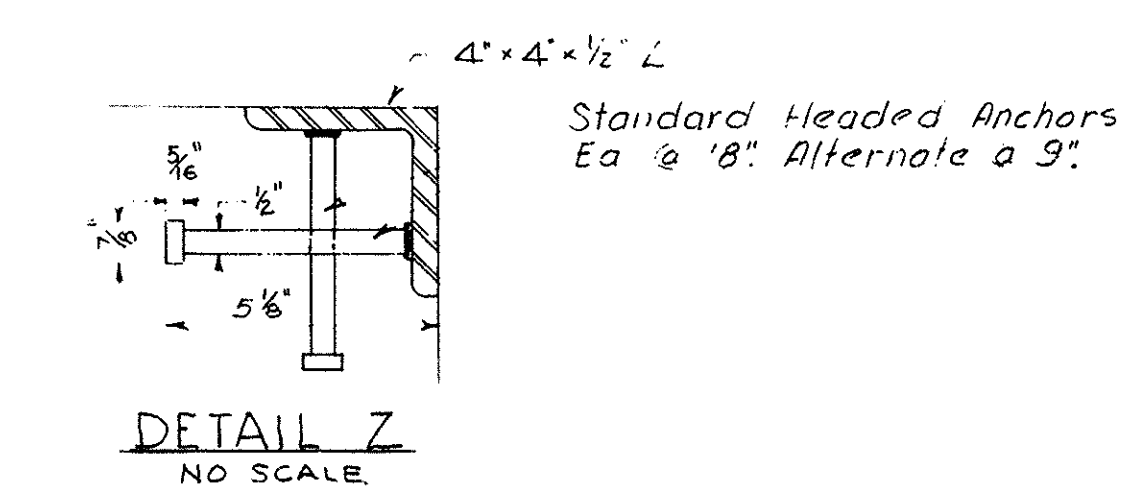
TYPICAL WINGWALL SECTION
SCALE: 3/8" = 1'-0"



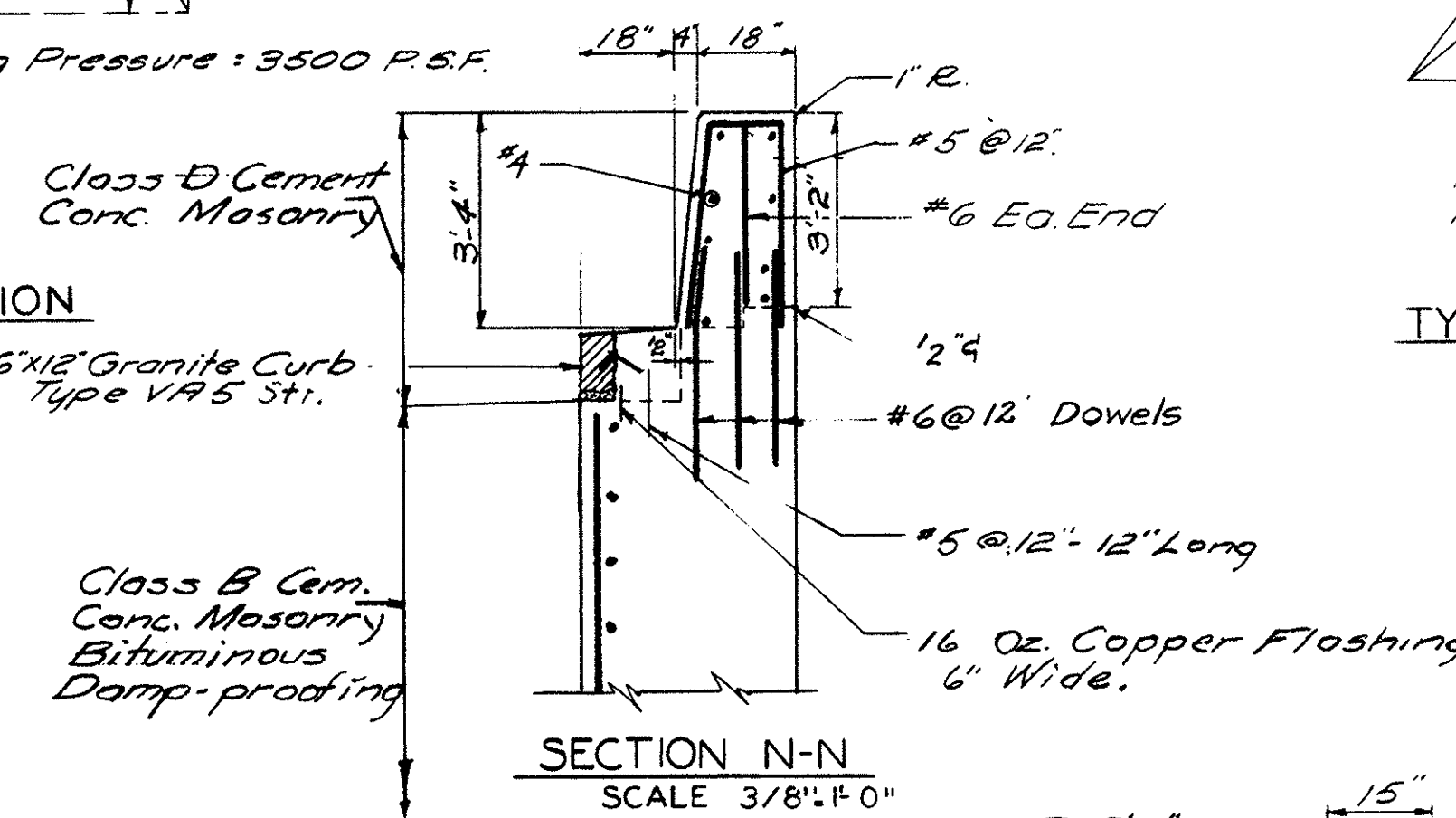
TYPICAL CROSS SECTION
SCALE: 1/4" = 1'-0"



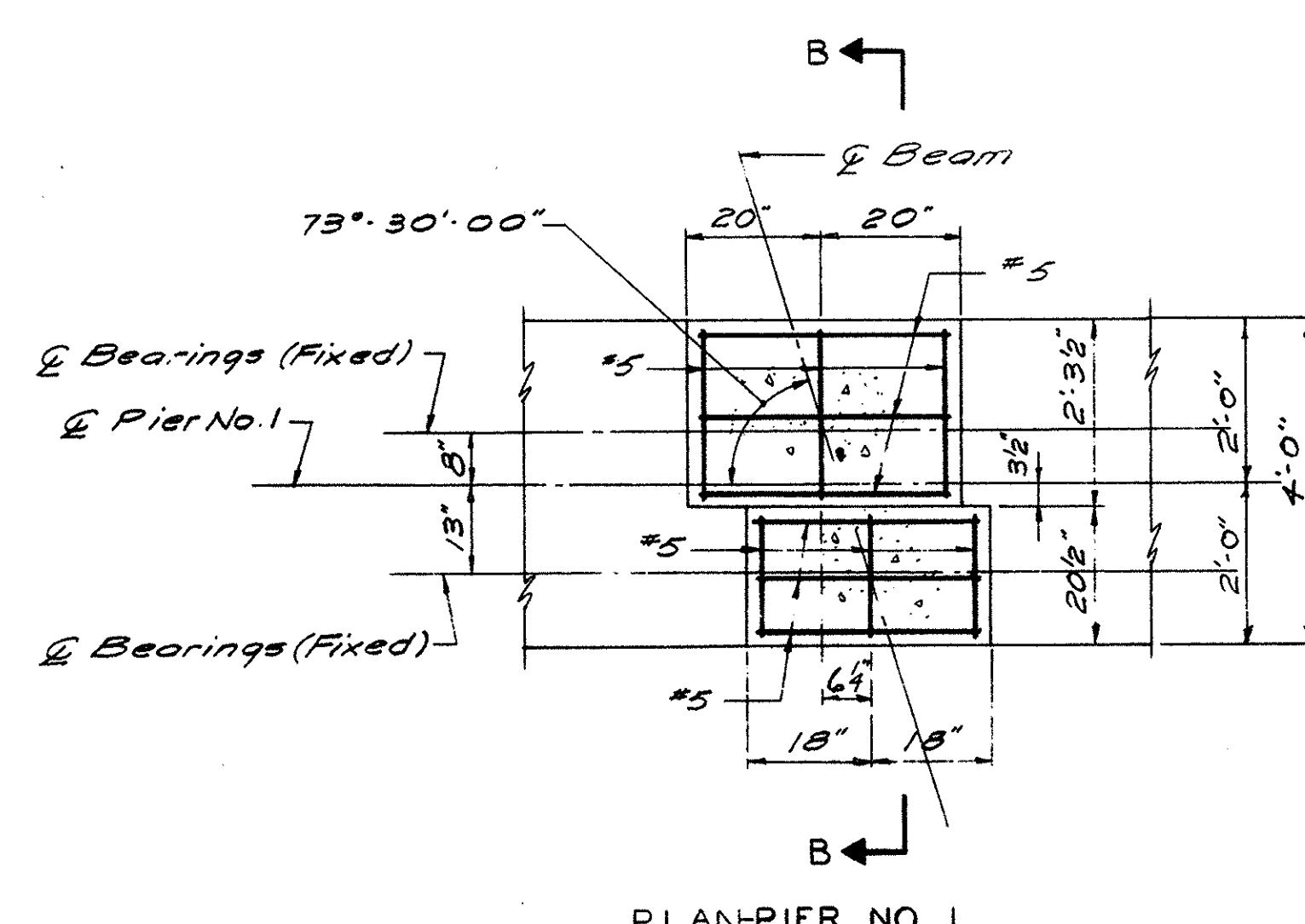
PLAN-CONSTRUCTION JOINT
SCALE: 1/4" = 1'-0"



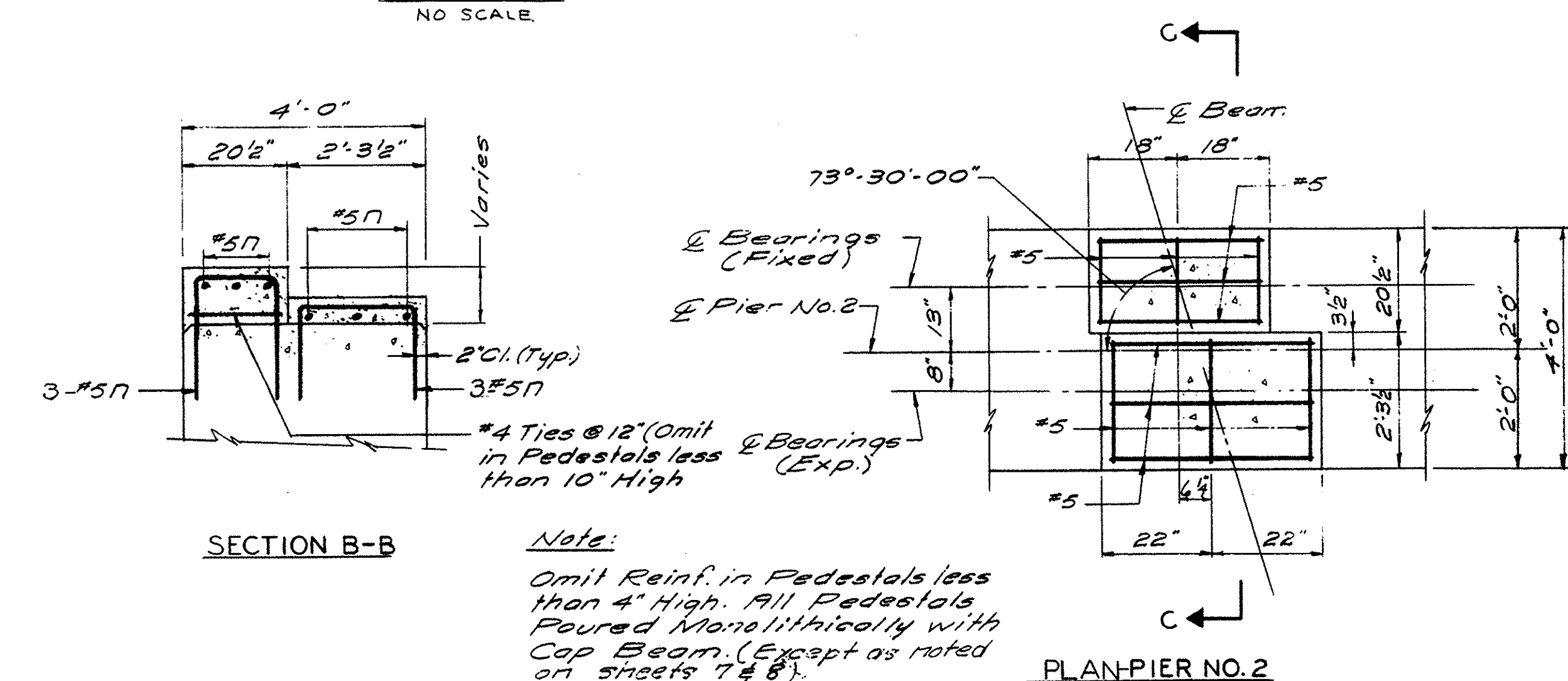
DETAIL Z
NO SCALE



SECTION N-N
SCALE: 3/8" = 1'-0"



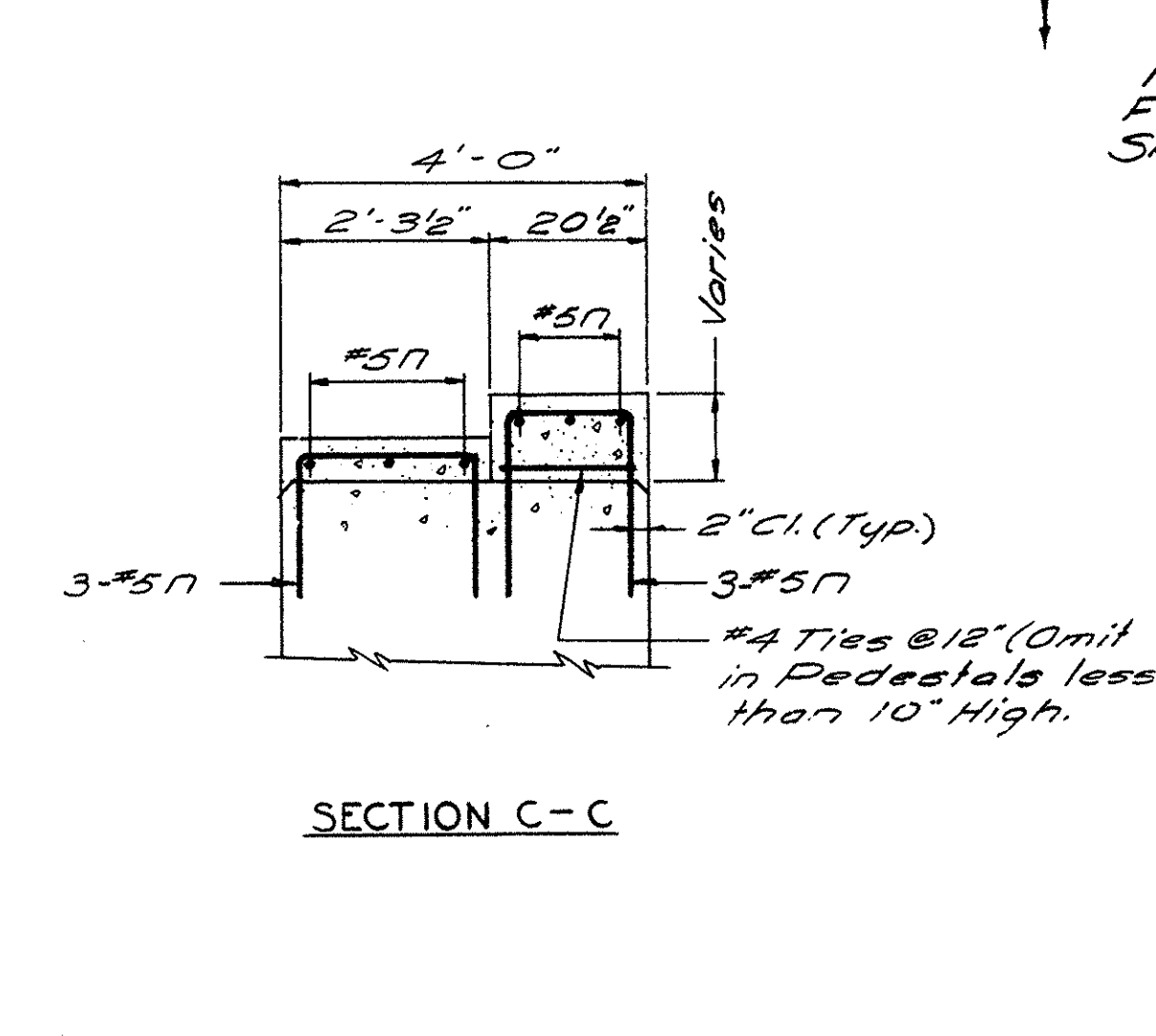
PLAN-PIER NO. 1



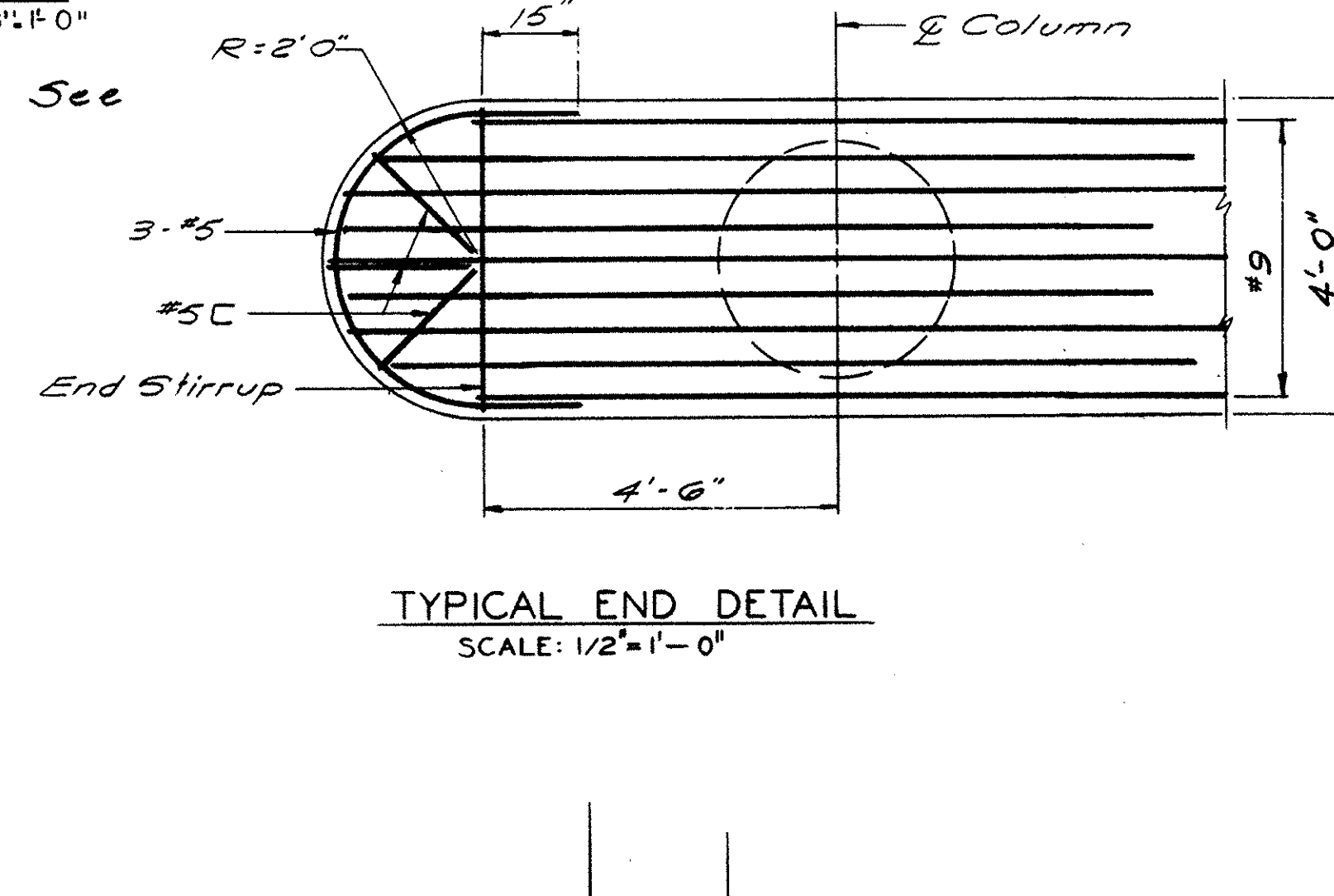
SECTION B-B

PLAN-PIER NO. 2

PEDESTAL DETAILS
EASTBOUND & WESTBOUND ROADWAY
SCALE: 1/2" = 1'-0"



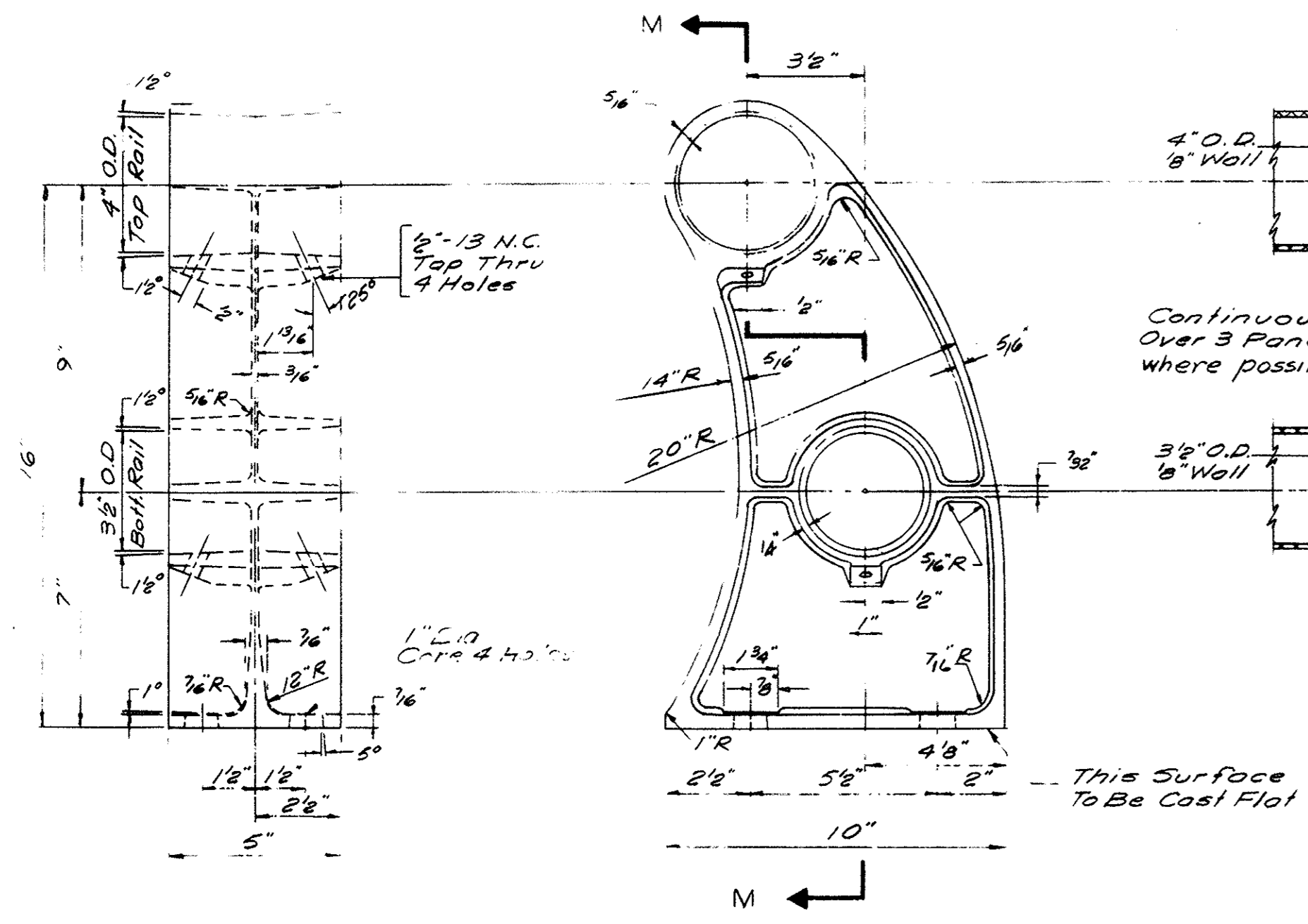
SECTION C-C



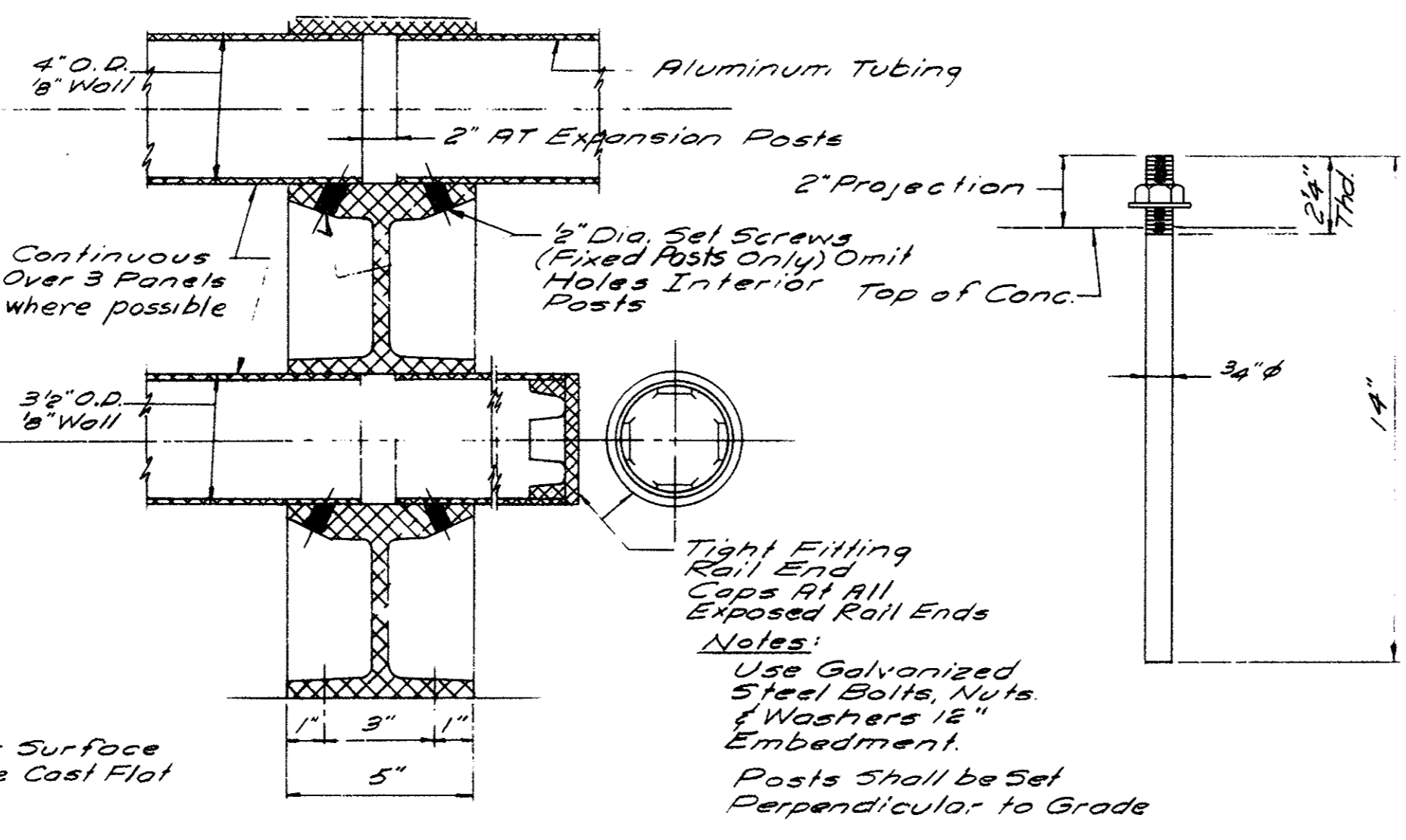
TYPICAL END DETAIL
SCALE: 1/2" = 1'-0"

| | |
|--------------|--------------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| | USE ONLY PRINTS OF LATEST DATE |

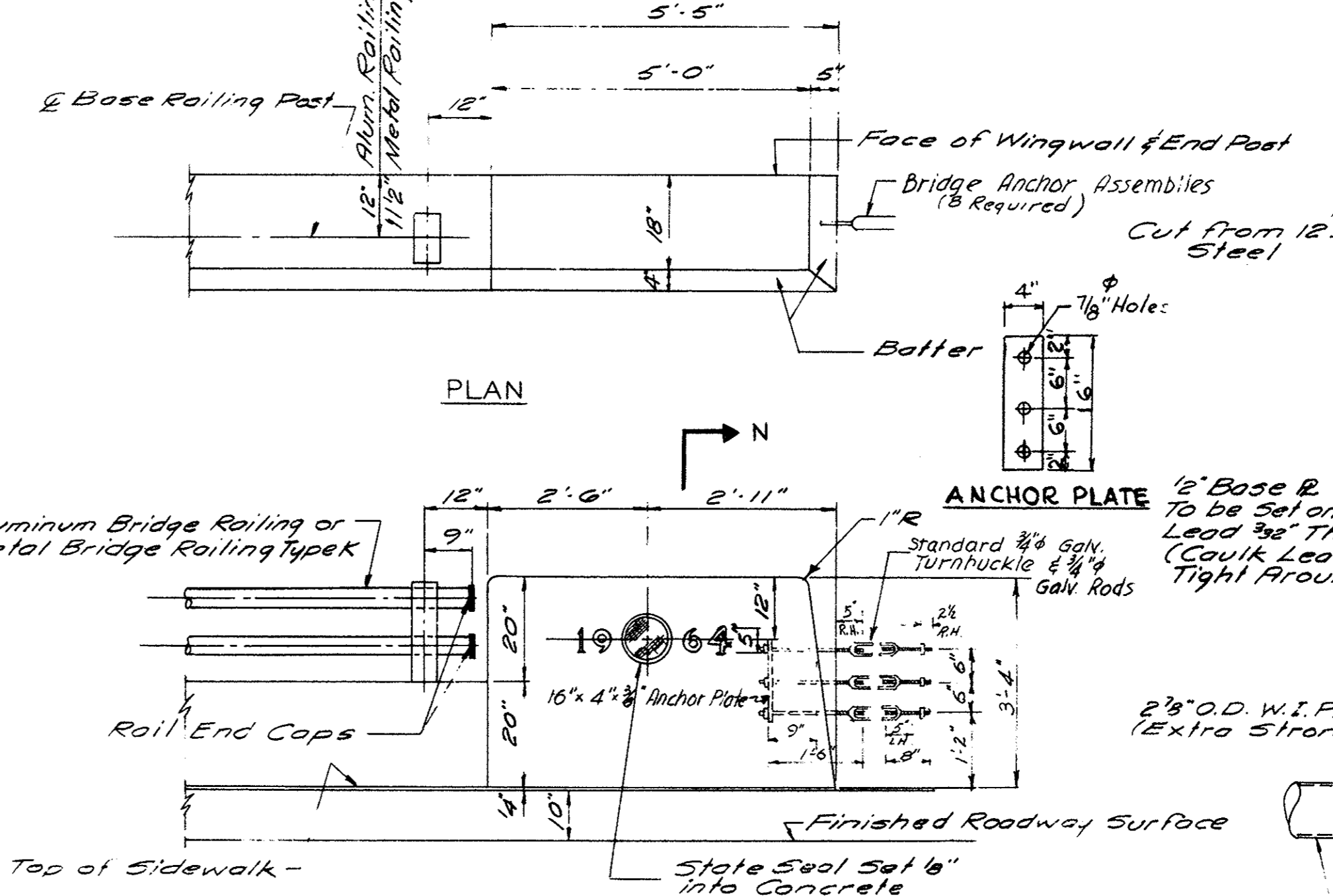
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TO SHEET |
|-------------------|-------|--------------------|-------------|-----------|----------|
| 1 | MASS. | 195-3(4)11 | 196 | 63 | 343 |



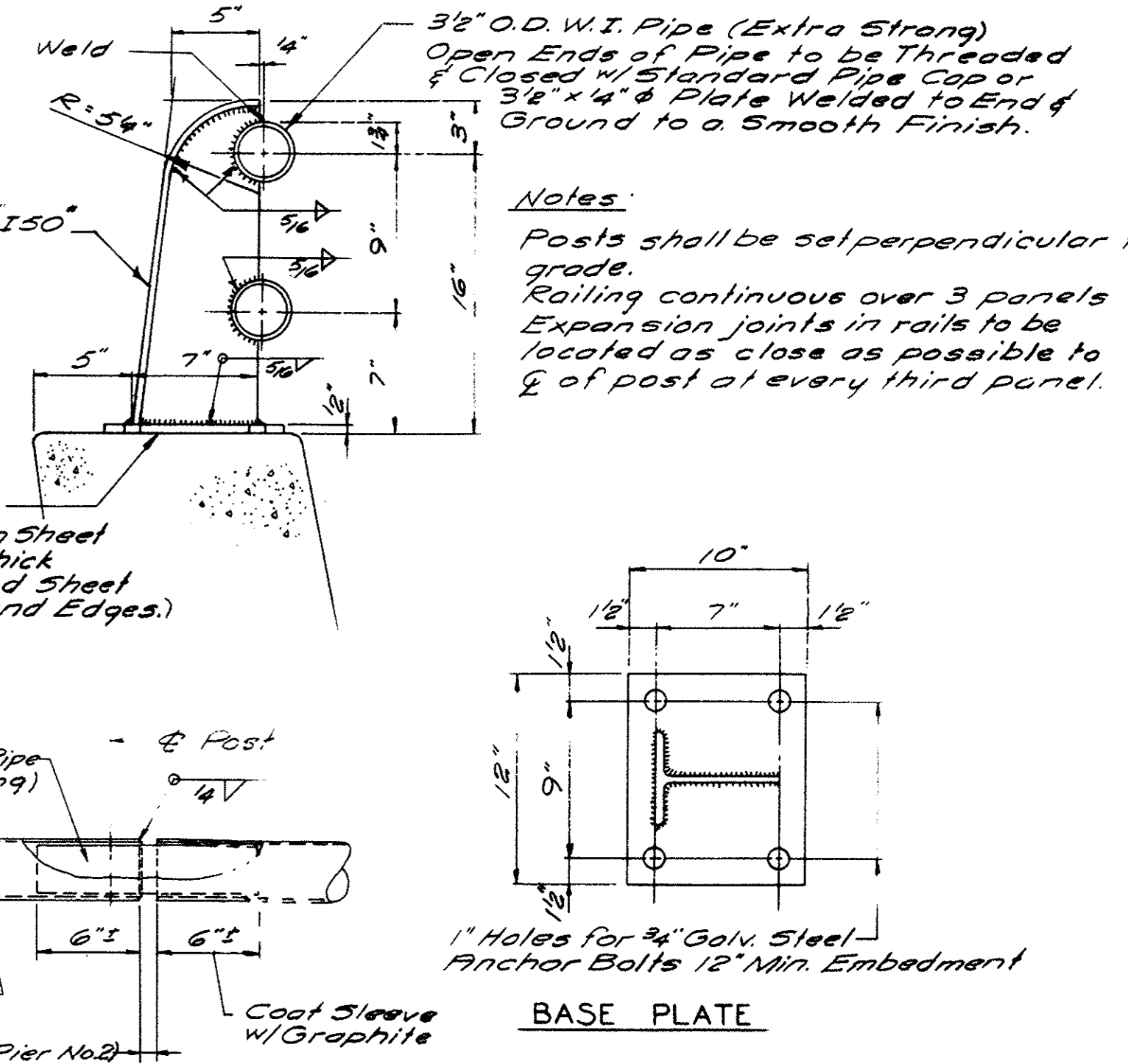
ALUMINUM BRIDGE RAILING DETAILS
SCALE: 3/4" = 1'-0"



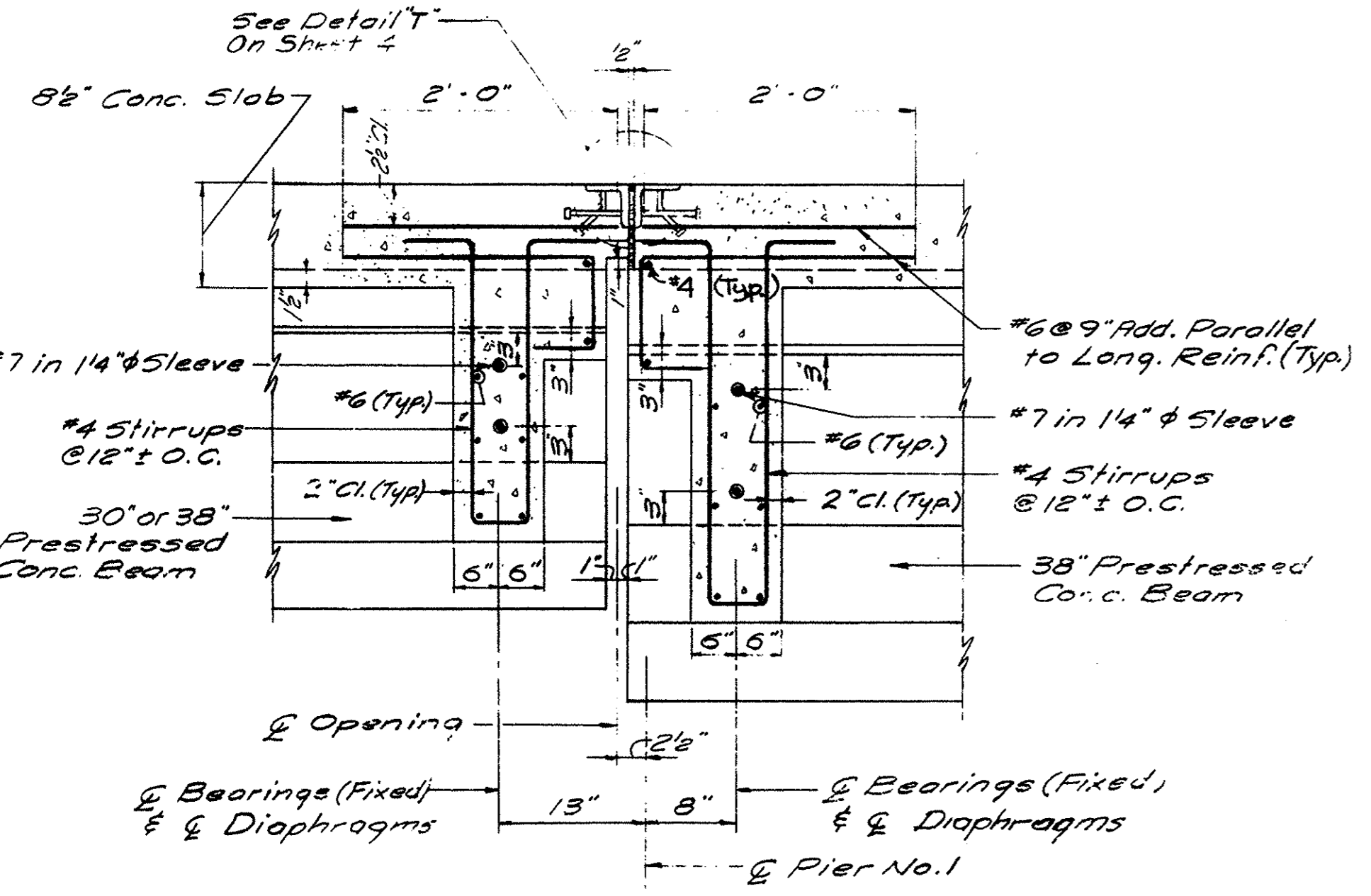
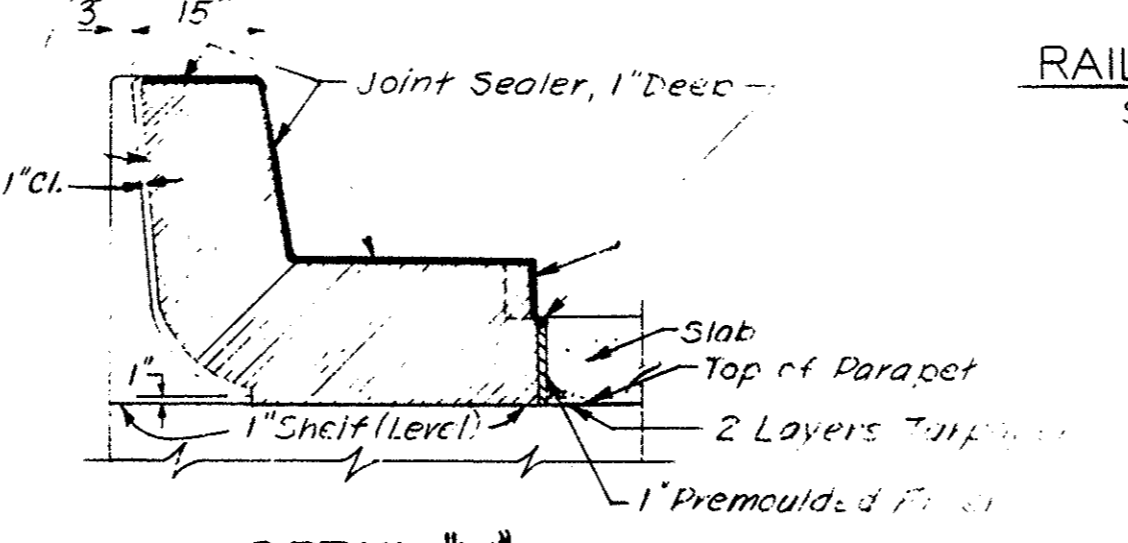
ANCHOR BOLT DETAIL
SCALE: 3/4" = 1'-0"



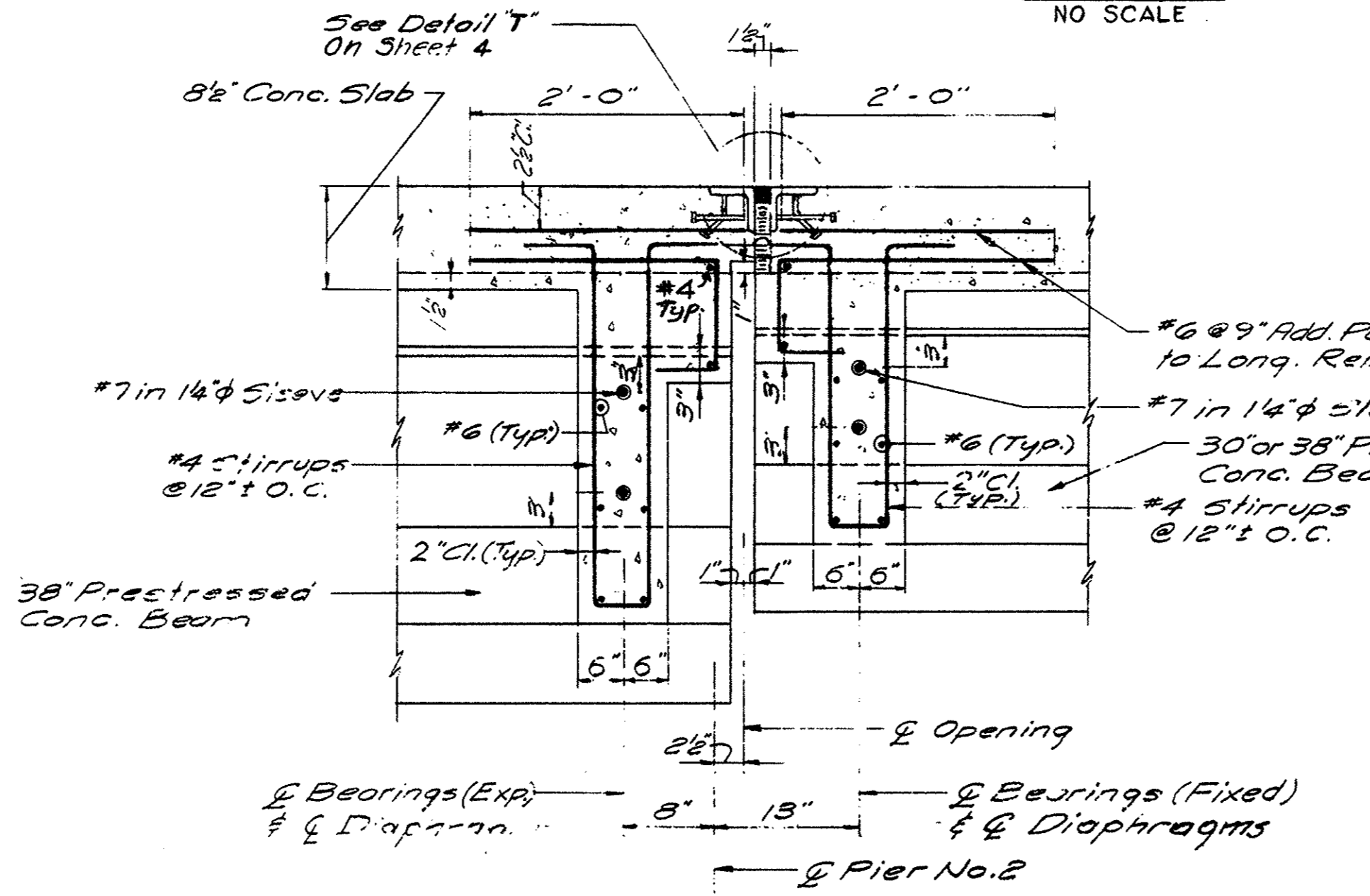
RAIL & END POST DETAIL
SCALE: 1/2" = 1'-0"



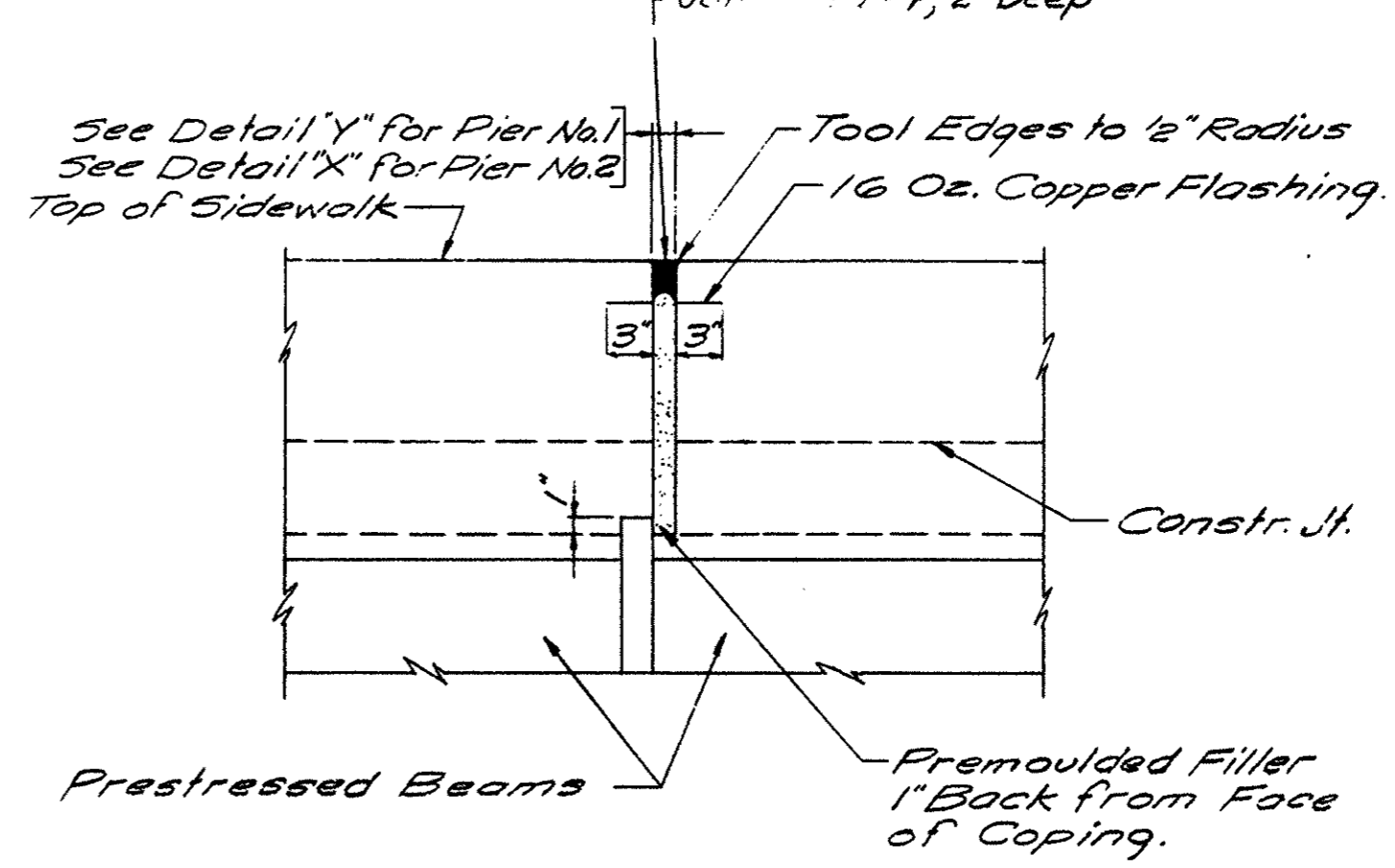
METAL BRIDGE RAILING - TYPE K
SCALE: 1/2" = 1'-0"



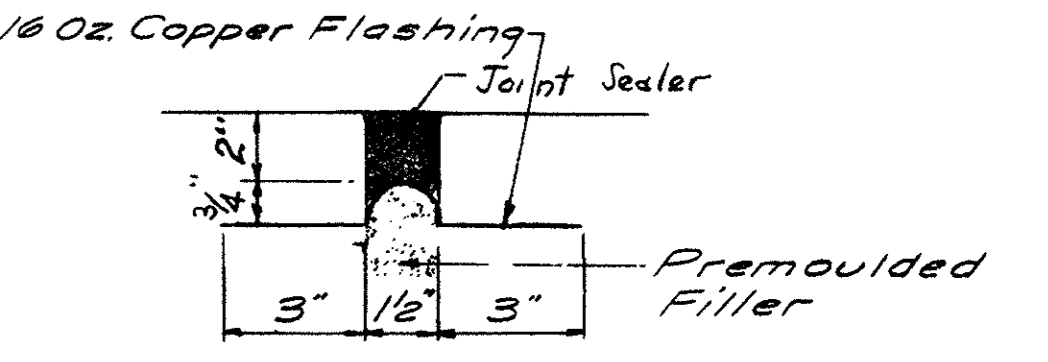
PIER NO. 1



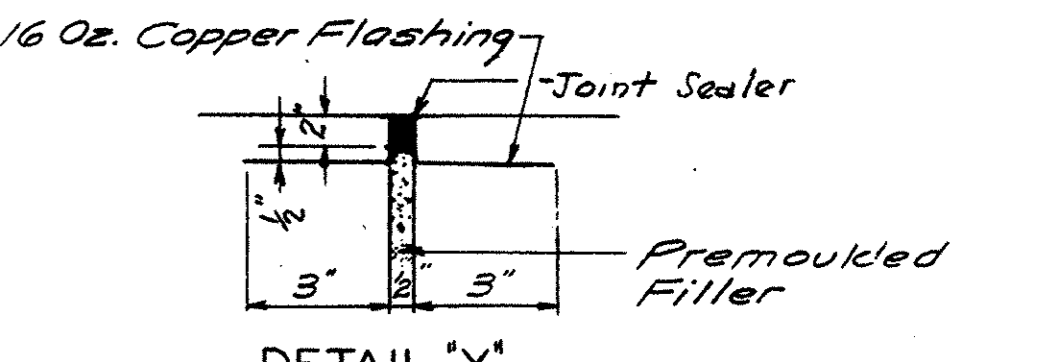
PIER NO. 2



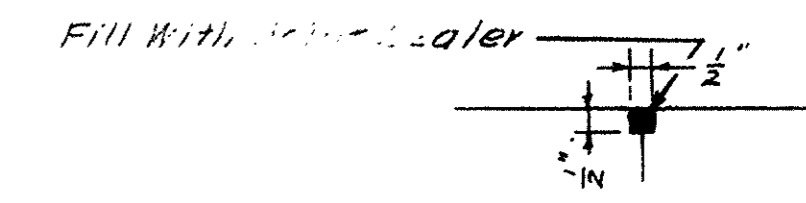
SIDEWALK SECTION - PIERS 1 & 2
EASTBOUND & WESTBOUND ROADWAY
SCALE: 1" = 1'-0"



DETAIL 'X'
SCALE: 3/4" = 1'-0"



DETAIL 'Y'
SCALE: 3/4" = 1'-0"



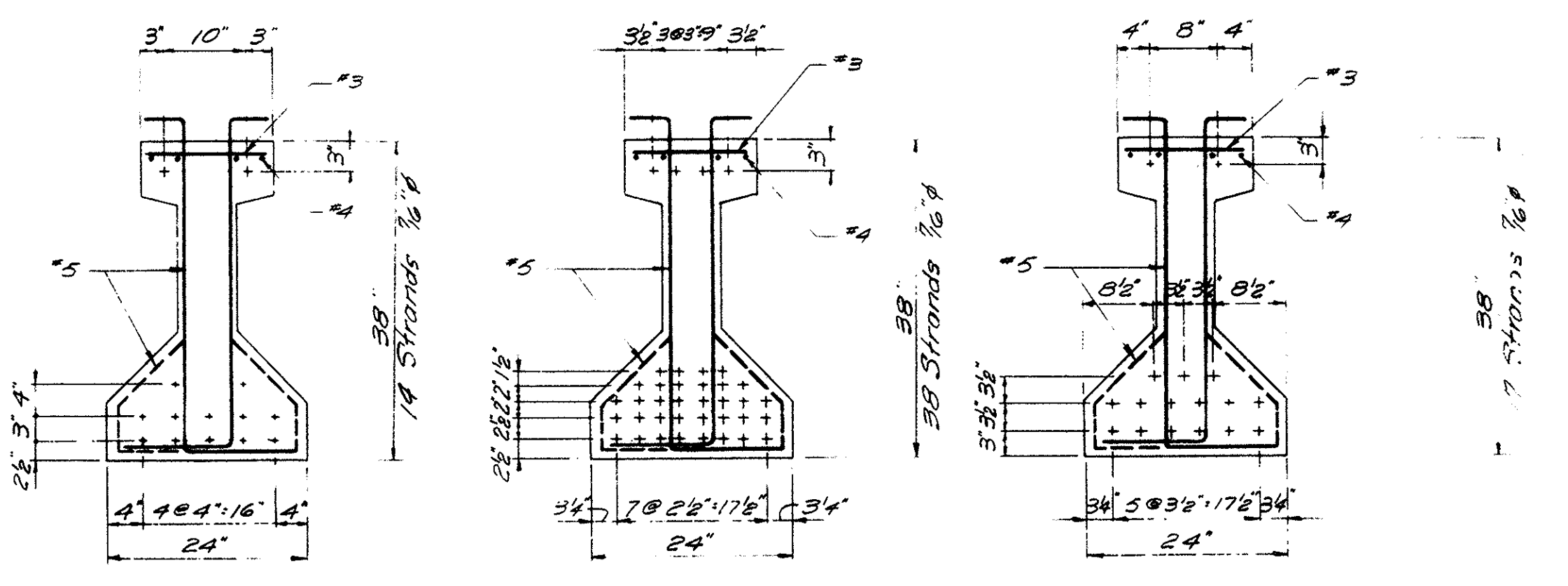
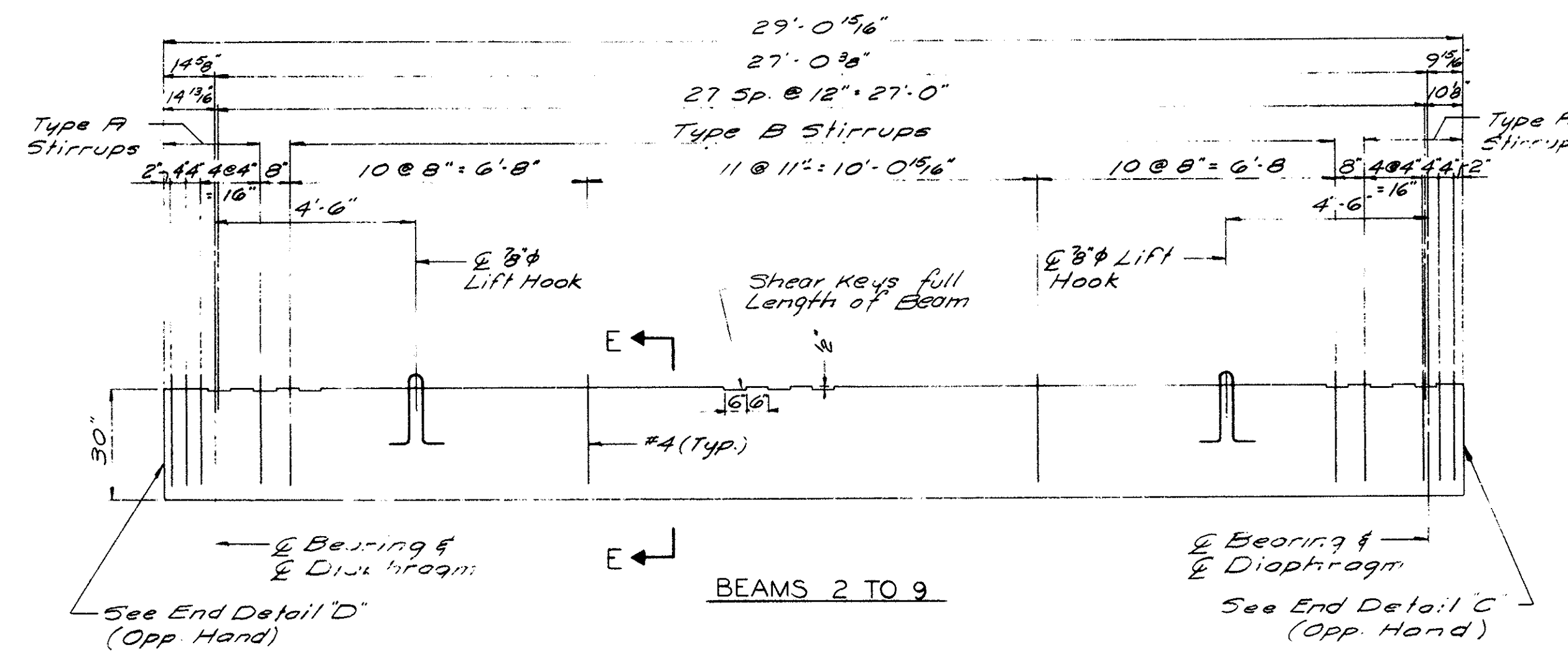
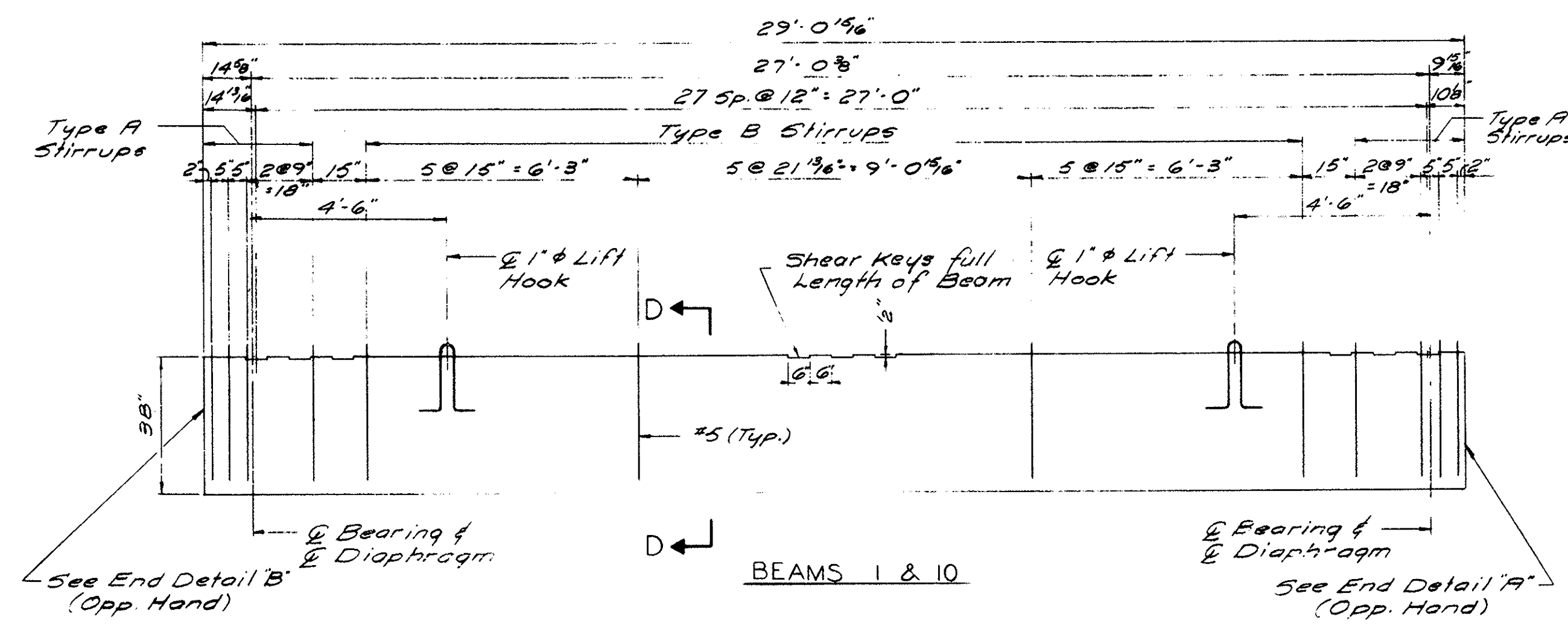
DETAIL 'Z'
NOT TO SCALE

TYPICAL ROADWAY JOINT DETAILS
EASTBOUND & WESTBOUND ROADWAY
SCALE: 1" = 1'-0"

| | |
|--------------|--------------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| | USE ONLY PRINTS OF LATEST DATE |

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 1-195-2-349 | 196 | 64 | 104 |

Notes For Prestressed Concrete Beams:
 1. Concrete Must Have a Cylinder Strength of 4100 psi at time of transfer of Prestressing Force.
 2. Minimum Ultimate Compressive Strength of Concrete = 5000 psi.

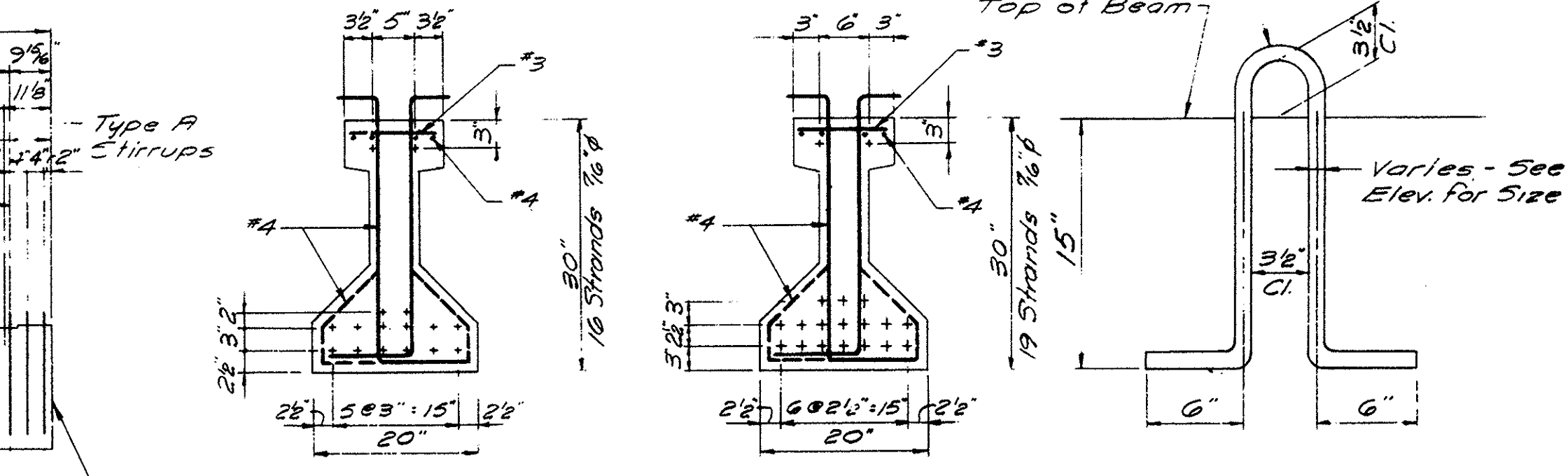
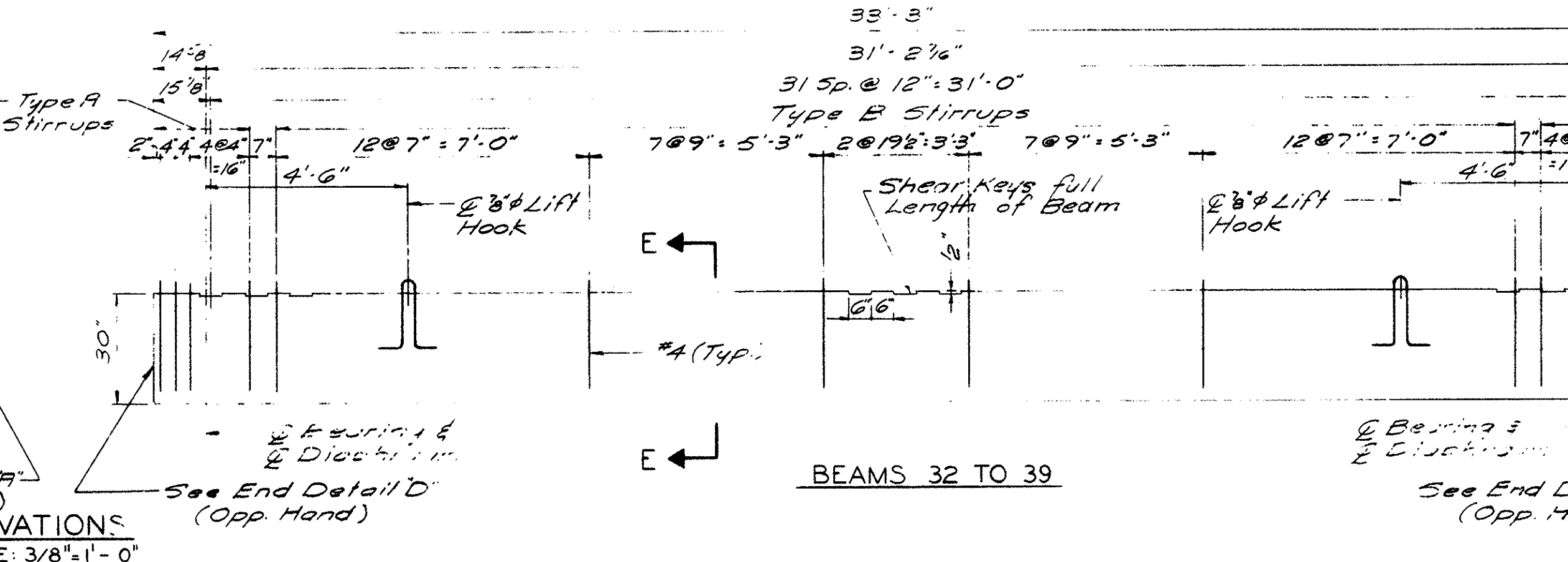
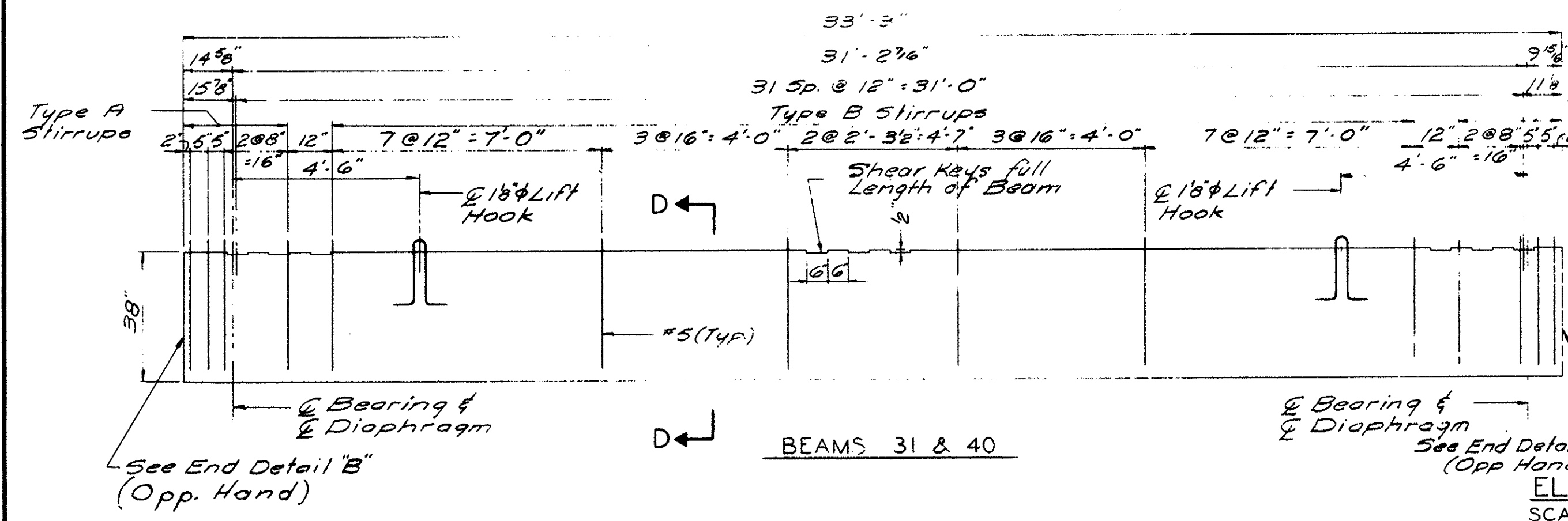


ELEVATIONS
SCALE: 3/8" = 1'-0"

SECTION D-D SCALE: 3/4" = 1'-0"
 Initial Prestressing Force: 265,000 Lbs
 Final Prestressing Force: 212,000 Lbs

SECTION H-H SCALE: 3/4" = 1'-0"
 Initial Prestressing Force: 381,000 Lbs
 Final Prestressing Force: 267,000 Lbs

SECTION F-F SCALE: 3/4" = 1'-0"
 Initial Prestressing Force: 267,000 Lbs
 Final Prestressing Force: 275,000 Lbs

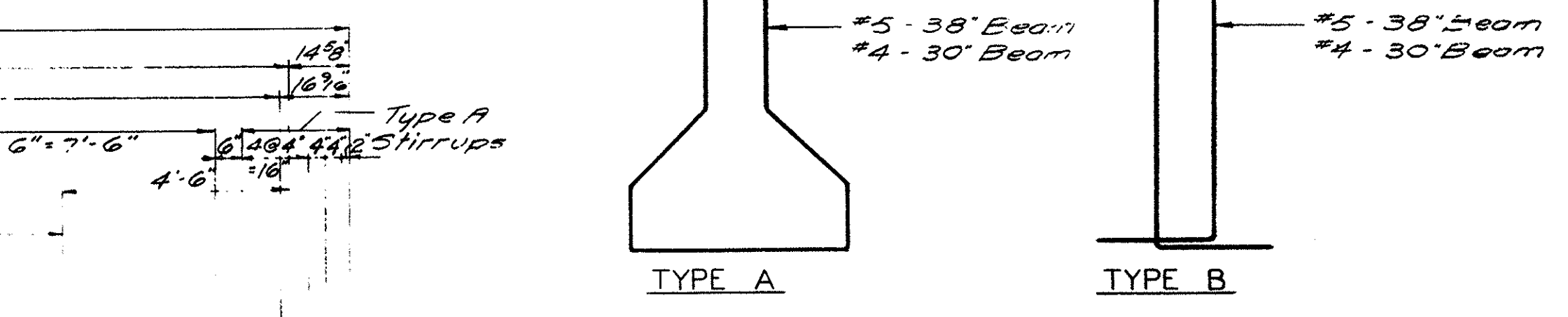
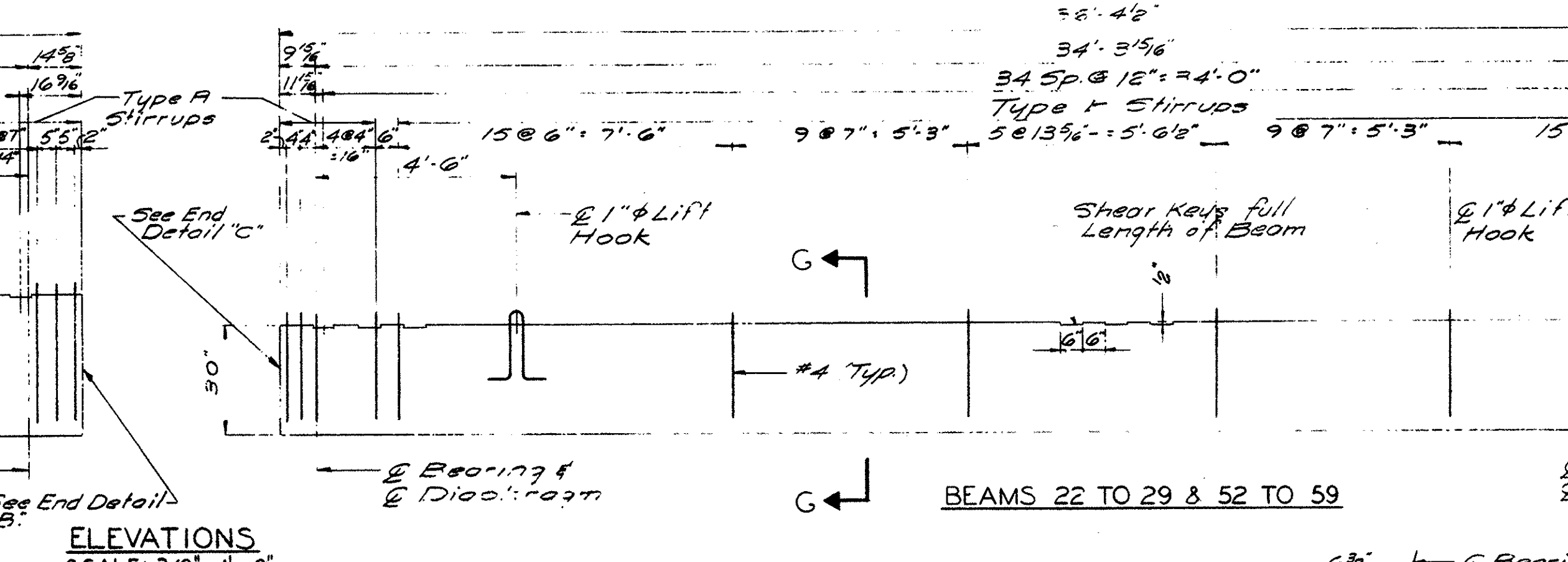
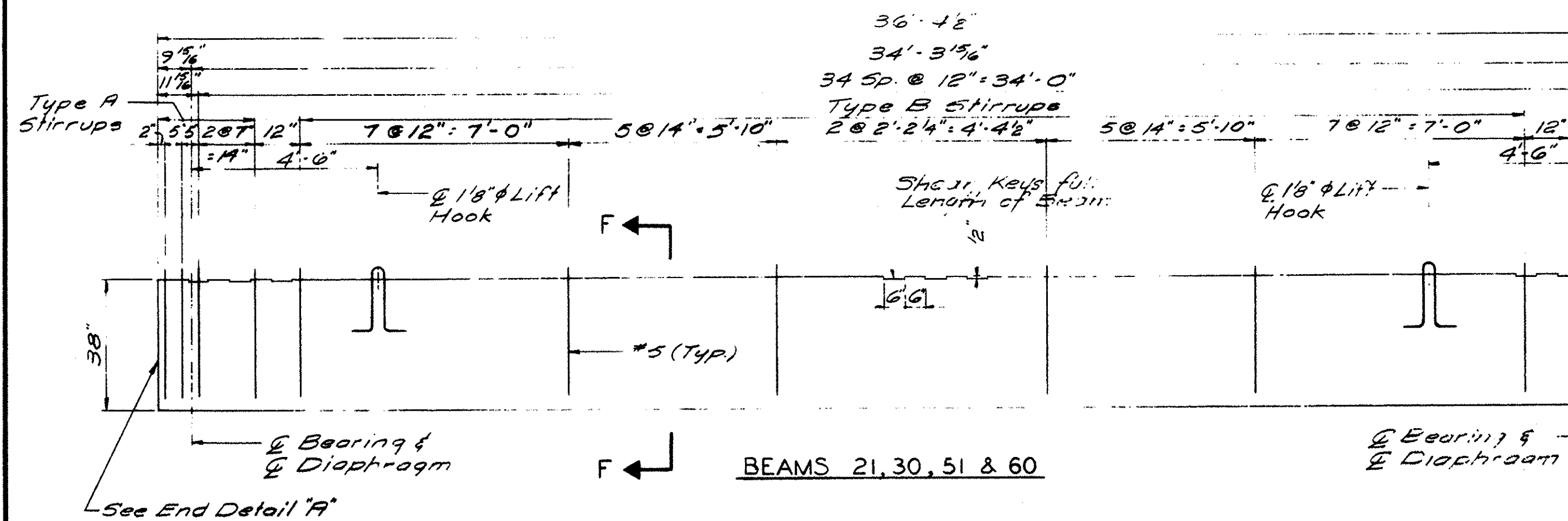


ELEVATIONS
SCALE: 3/8" = 1'-0"

SECTION E-E SCALE: 3/4" = 1'-0"
 Initial Prestressing Force: 302,000 Lbs
 Final Prestressing Force: 242,000 Lbs

SECTION G-G SCALE: 3/4" = 1'-0"
 Initial Prestressing Force: 269,000 Lbs
 Final Prestressing Force: 287,000 Lbs

DETAIL OF LIFT HOOK SCALE: 1 1/2" = 1'-0"

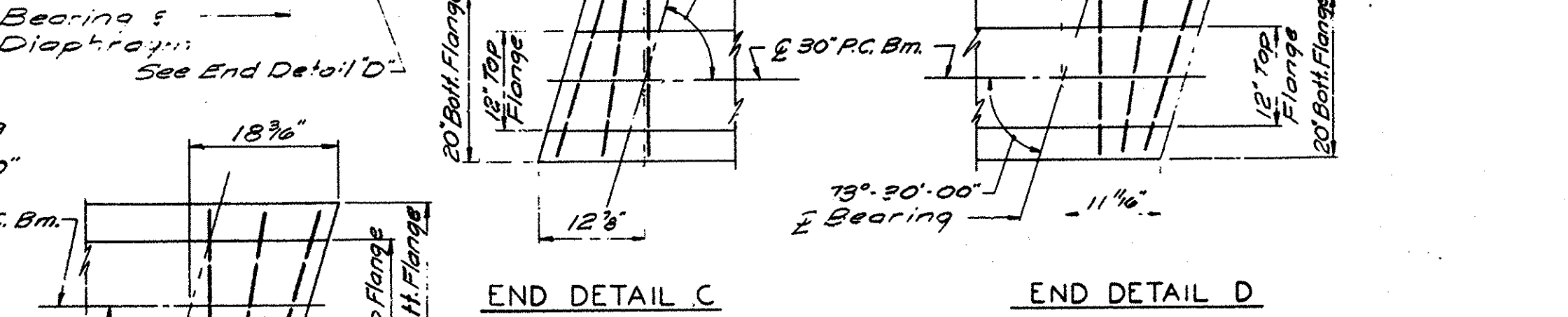
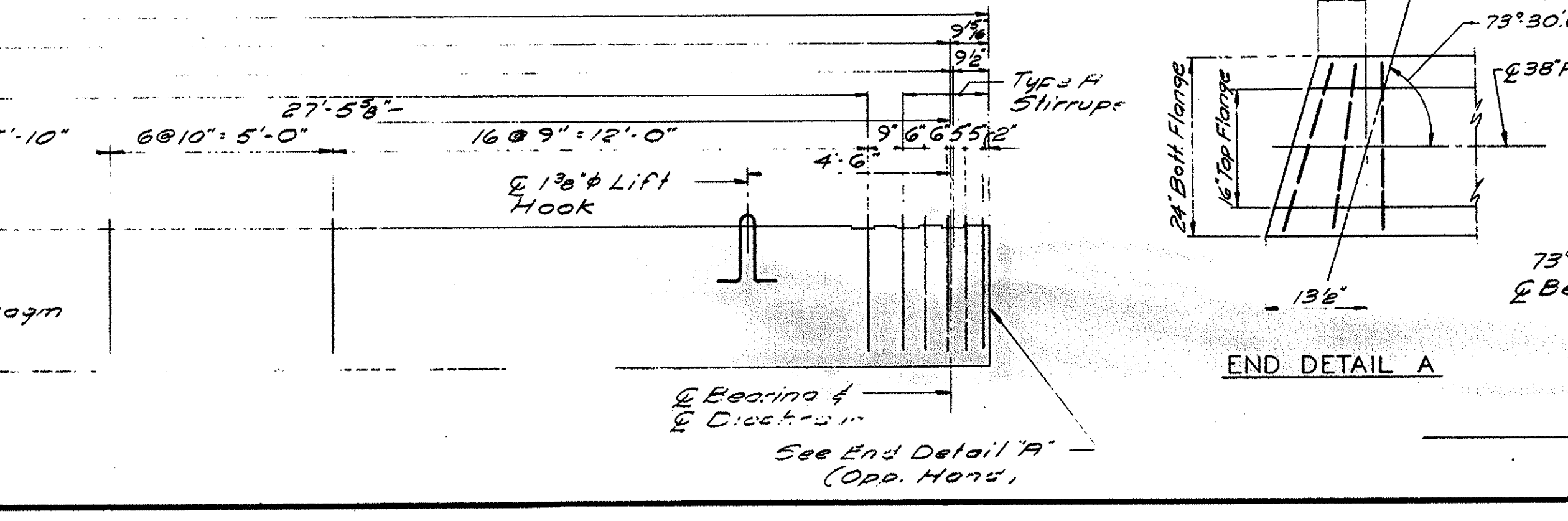
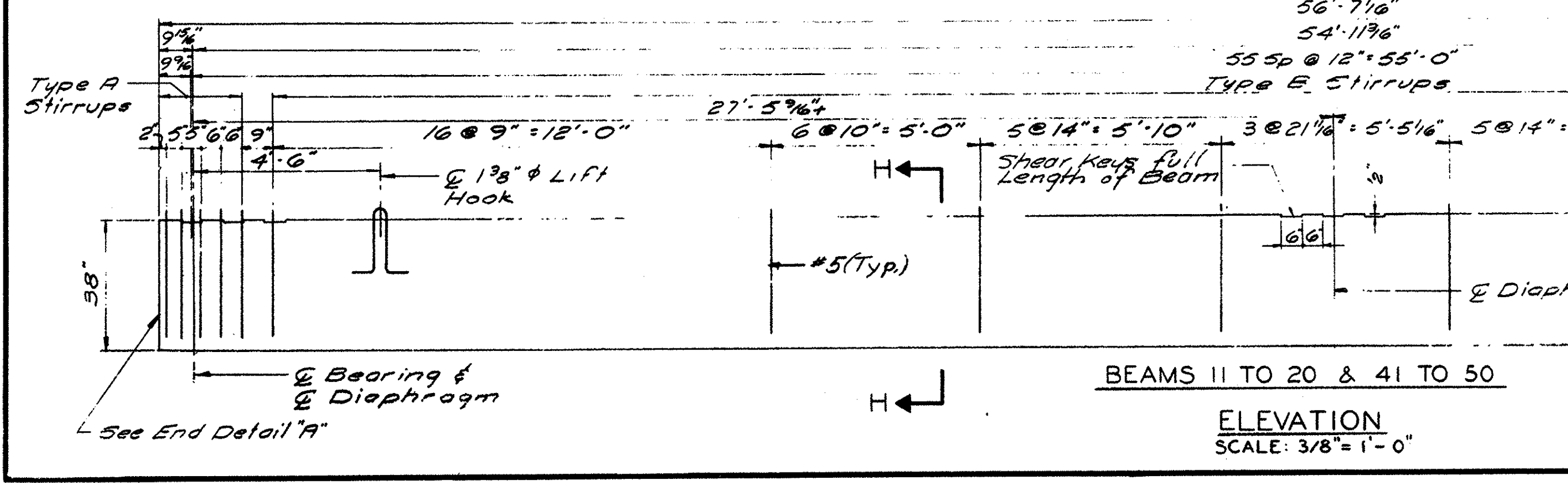


ELEVATIONS
SCALE: 3/8" = 1'-0"

TYPE A
 #5 - 38' Beam
 #4 - 30' Beam

TYPE B
 #5 - 38' Beam
 #4 - 30' Beam

TYPICAL STIRRUPS NOT TO SCALE



ELEVATION
SCALE: 3/8" = 1'-0"

END DETAIL A
 END DETAIL B
 END STIRRUP DETAILS SCALE: 3/4" = 1'-0"

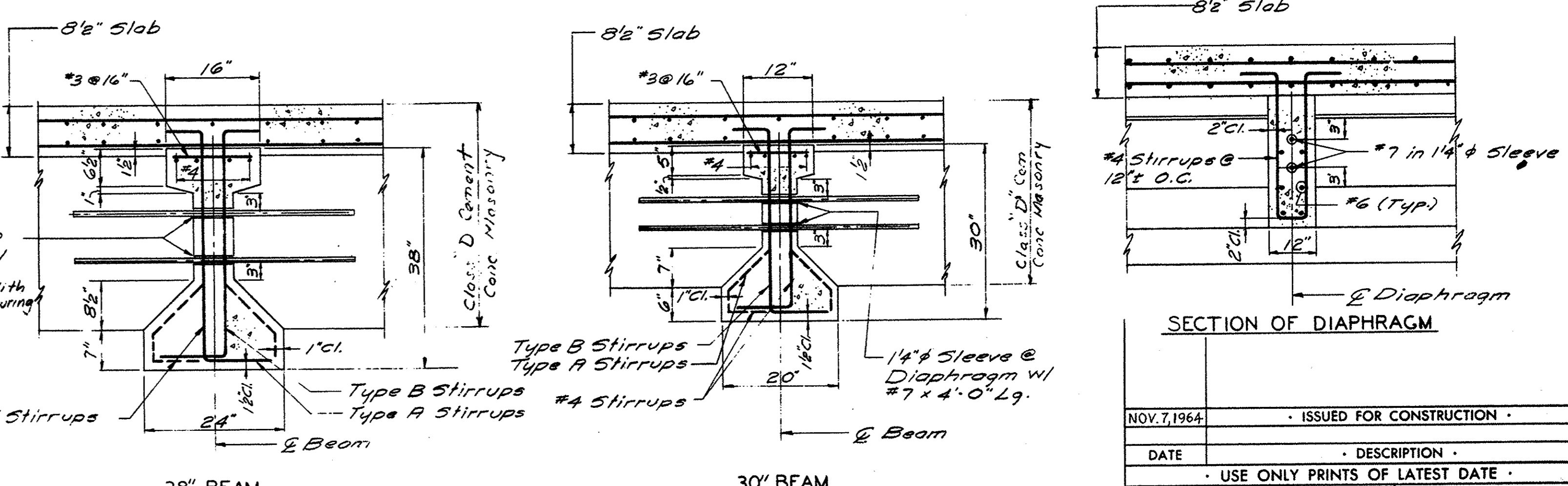
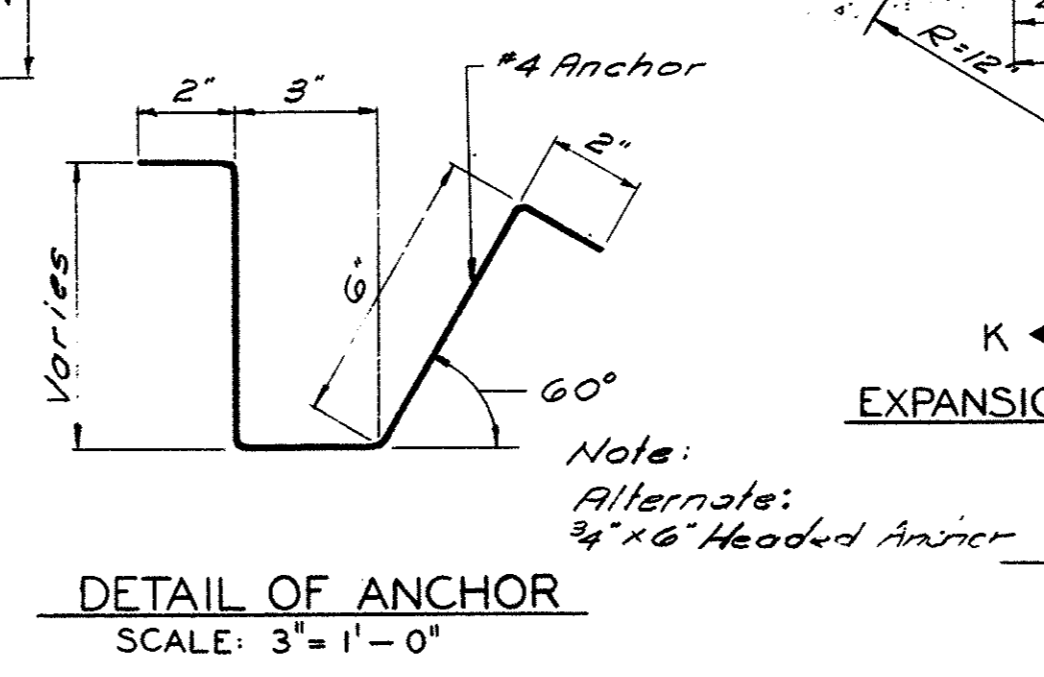
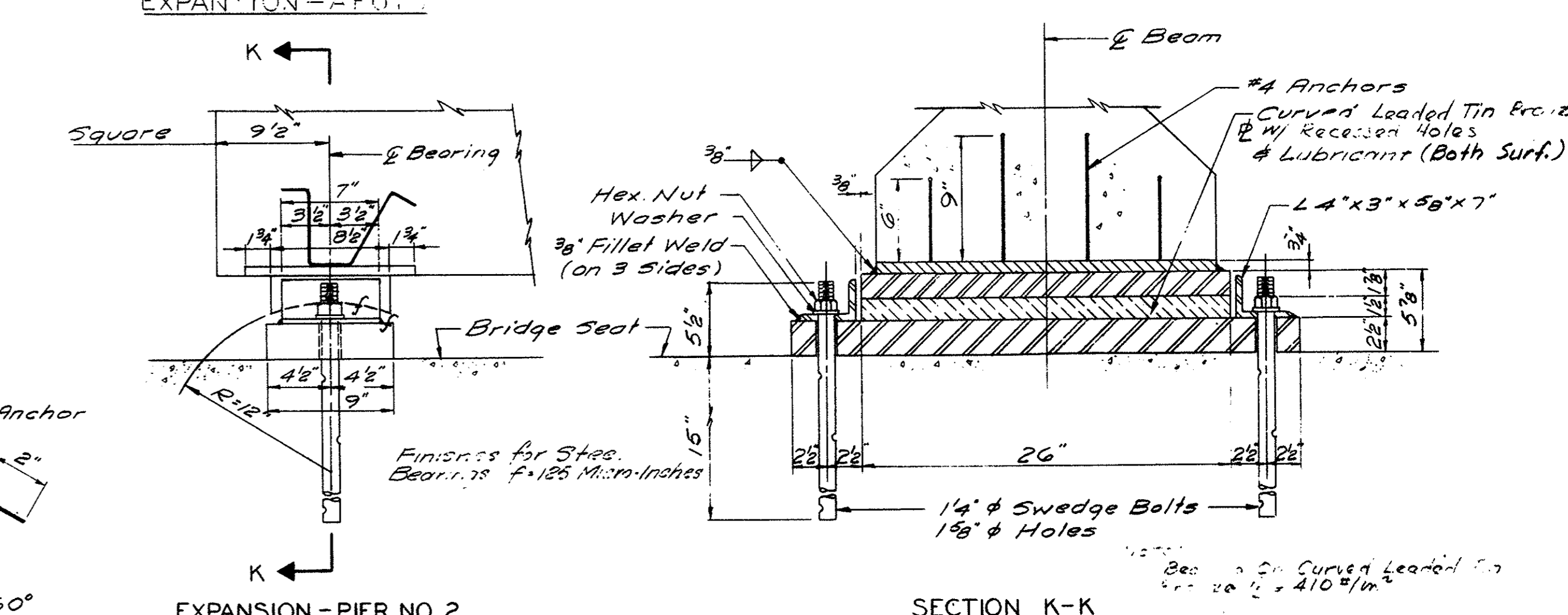
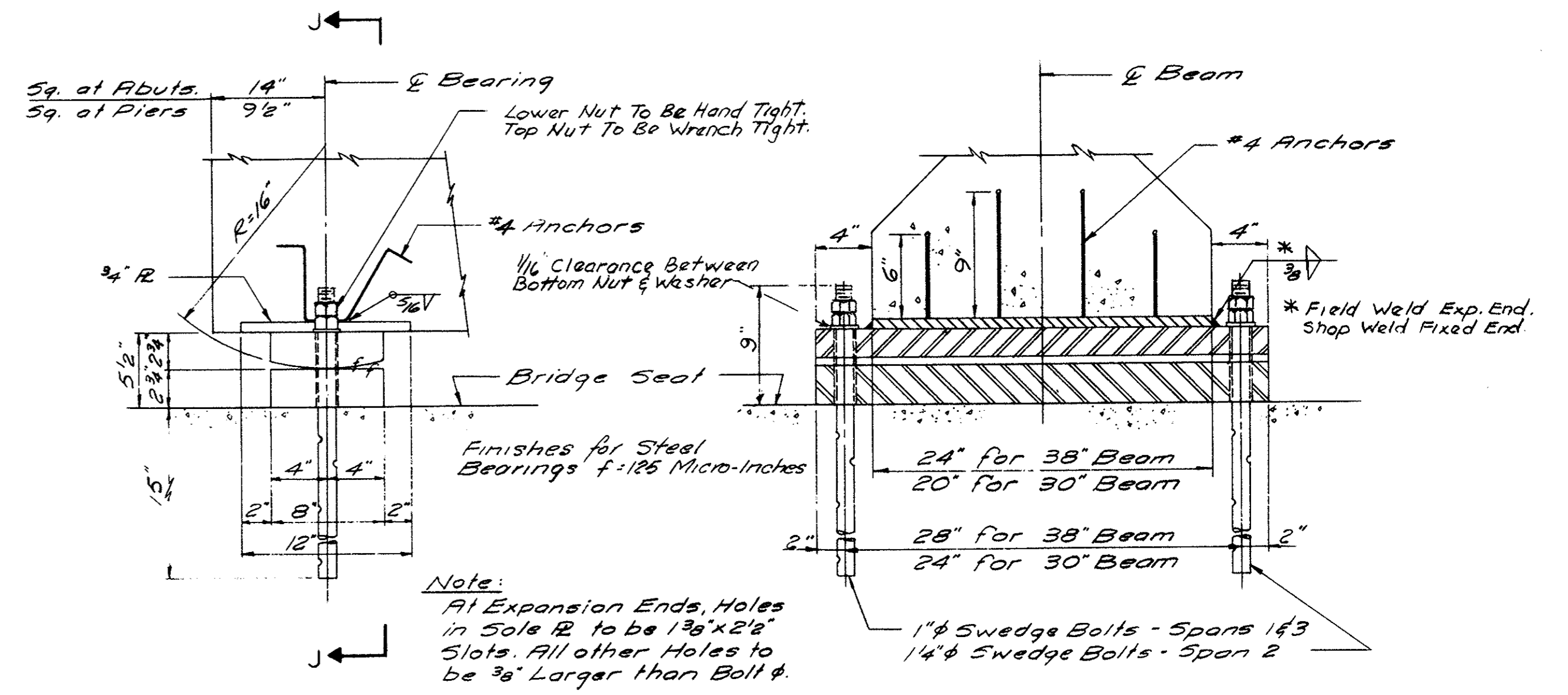
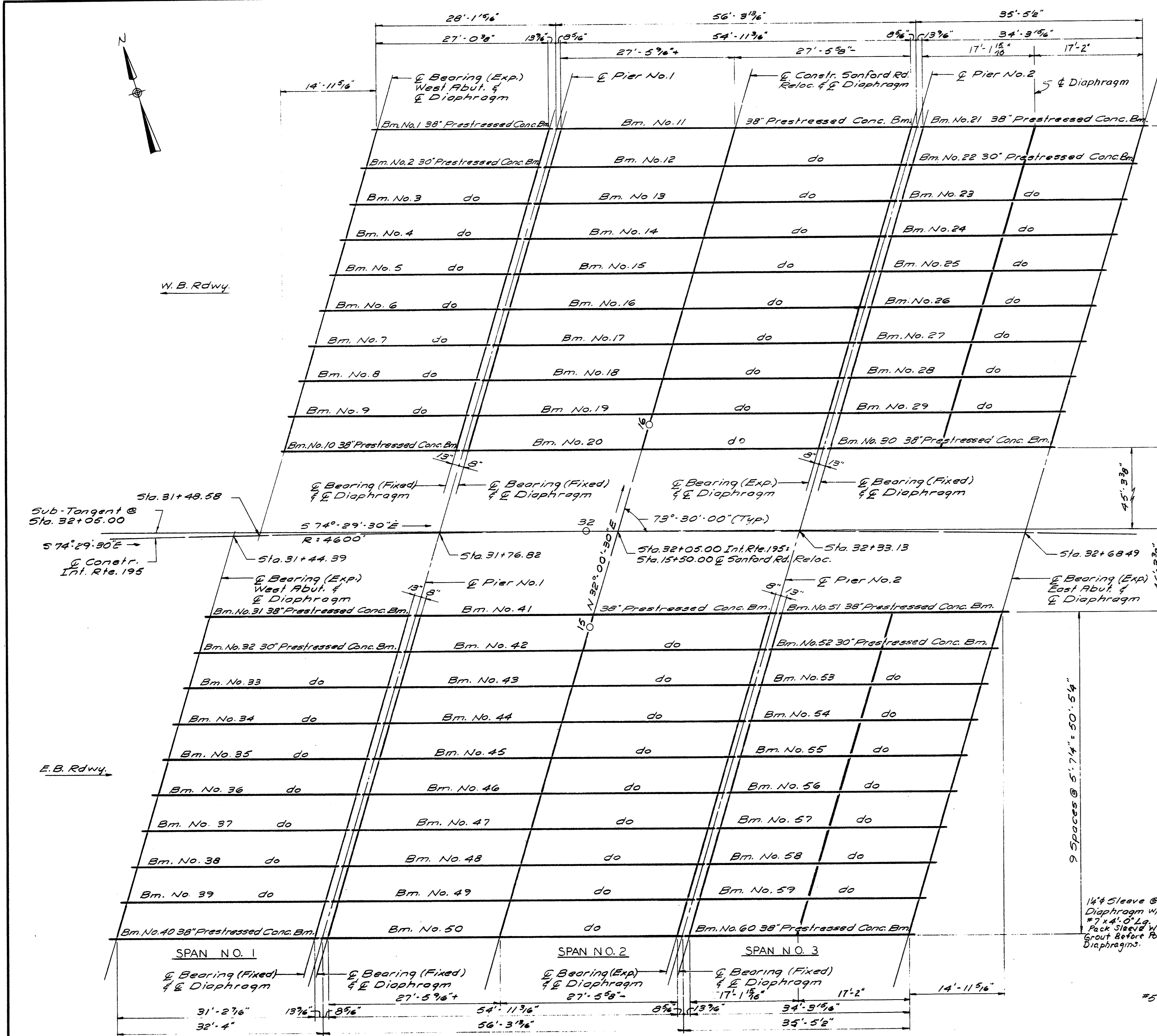
NOV 7 1964 ISSUED FOR CONSTRUCTION

DATE DESCRIPTION

USE ONLY PRINTS OF LATEST DATE

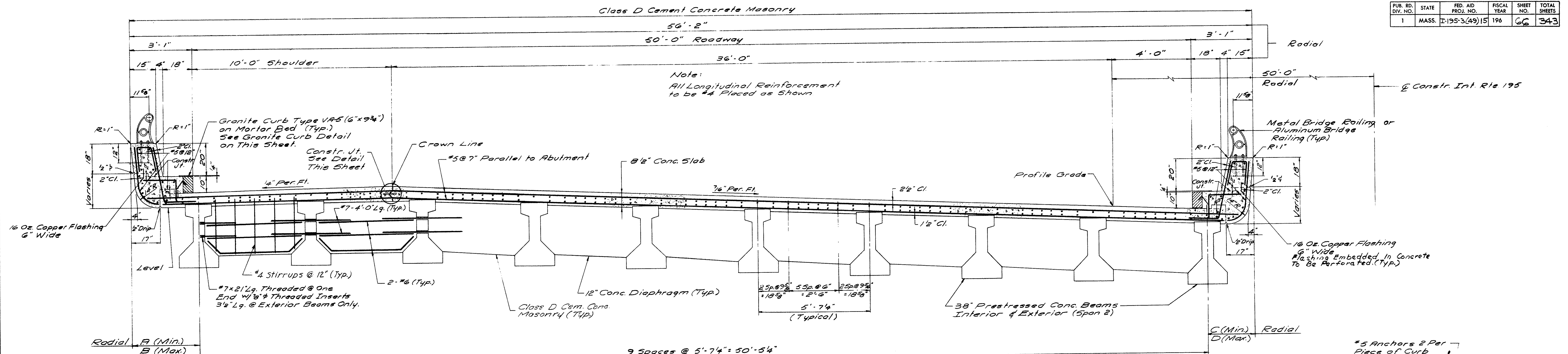
SHEET 11 OF 13 SHEETS BRIDGE NO. W-30-25

| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | I-195-3 (49)15 | 196 | 65 | 343 |

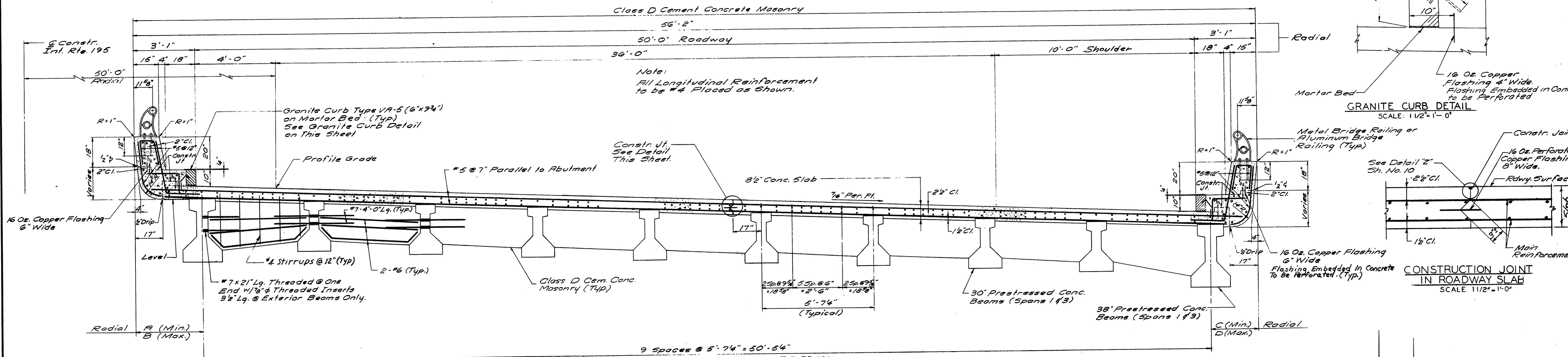


| | |
|--------------------------------|-------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| USE ONLY PRINTS OF LATEST DATE | |

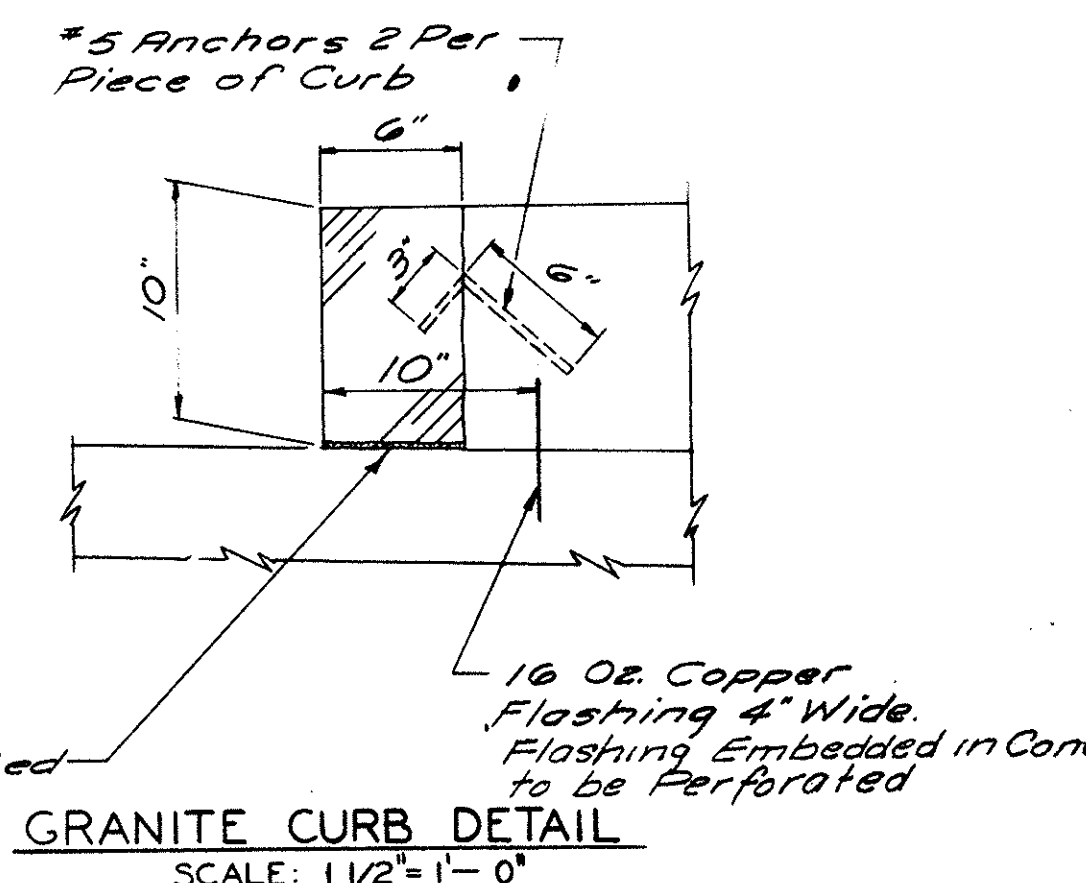
| PUB. RD. DIV. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-------------------|-------|--------------------|-------------|-----------|--------------|
| 1 | MASS. | 195-3(49)15 | 196 | 66 | 343 |



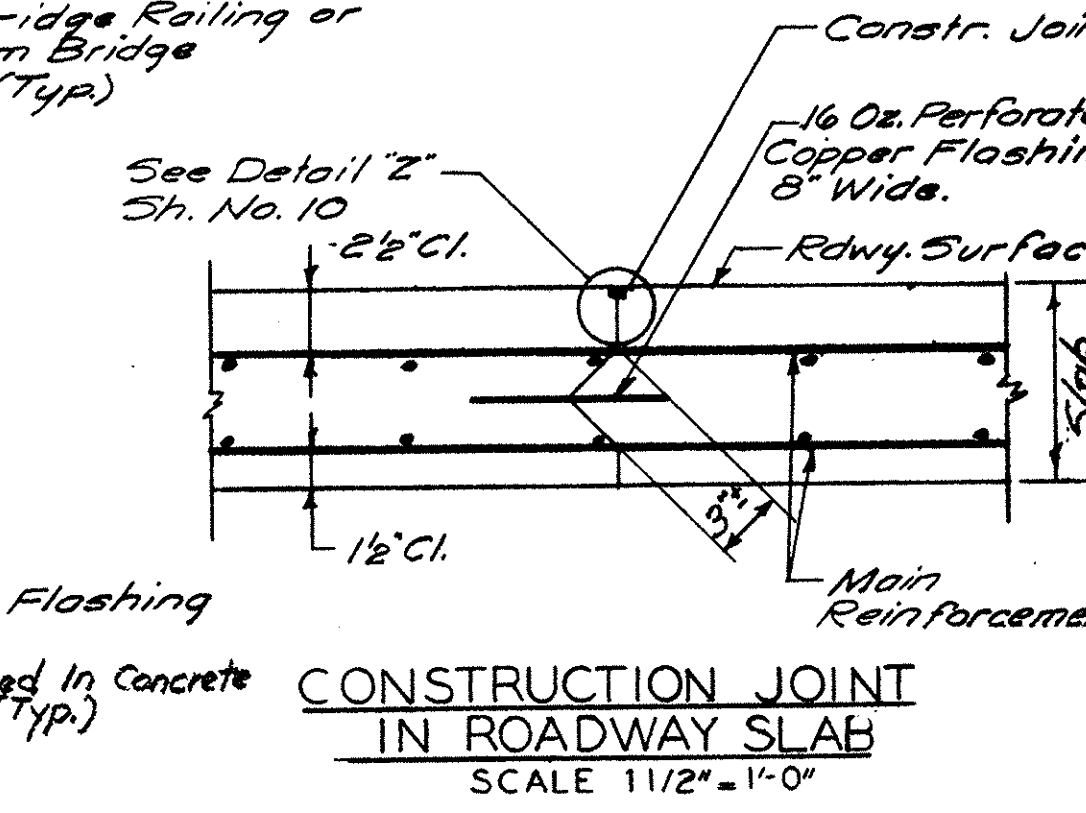
TYPICAL DECK CROSS SECTION - WB. RDWY.
SPAN NO. 2 SHOWN
SCALE 1/2" = 1'-0"



TYPICAL DECK CROSS SECTION - E.B. RDWY.
SPANS 1 & 3 SHOWN
SCALE 1/2" = 1'-0"



GRANITE CURB DETAIL
SCALE: 1 1/2" = 1'-0"



CONSTRUCTION JOINT IN ROADWAY SLAB
SCALE 1 1/2" = 1'-0"

| SPAN NO. | WESTBOUND ROADWAY | | | | EASTBOUND ROADWAY | | | |
|----------|-------------------|-----------|-----------|-----------|-------------------|-----------|-----------|-----------|
| | A | B | C | D | A | B | C | D |
| 1 | 3'-3 3/8" | 3'-4 3/8" | 2'-4 3/8" | 2'-6 3/8" | 3'-2 1/8" | 3'-2 1/8" | 2'-8 1/8" | 3'-2 1/8" |
| 2 | 3'-0 5/8" | 3'-4 3/8" | 2'-4 3/8" | 2'-6 3/8" | 3'-2 1/8" | 3'-4 3/8" | 2'-4 3/8" | 2'-8 1/8" |
| 3 | 2'-5 3/8" | 3'-0 5/8" | 2'-6 3/8" | 3'-0 1/4" | 3'-1 1/8" | 3'-4 3/8" | 2'-4 3/8" | 2'-6" |

| | |
|--------------|--------------------------------|
| NOV. 7, 1964 | ISSUED FOR CONSTRUCTION |
| DATE | DESCRIPTION |
| | USE ONLY PRINTS OF LATEST DATE |