

# GENERAL NOTES

DESIGN SPECIFICATIONS: THIS STRUCTURE CONFORMS TO THE "STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES" ADOPTED BY THE AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS, 1977, INCLUDING 1978, 1979, 1980 AND 1981 INTERIM SPECIFICATIONS AND THE OHIO SUPPLEMENT TO THESE SPECIFICATIONS.

## DESIGN DATA:

DESIGN LOADING.....HS20-44 AND THE ALTERNATE MILITARY LOADING  
FATIGUE STRESS CYCLES.....CASE II  
CONCRETE, SUPERSTRUCTURE.....ODOT CLASS, S, COMPRESSIVE STRENGTH 4,500 P.S.I.  
CONCRETE, SUBSTRUCTURE.....ODOT CLASS, C, COMPRESSIVE STRENGTH 4,000 P.S.I.  
STRUCTURAL STEEL.....ASTM A588; WEATHERING, UNIT STRESS 27,000 P.S.I.  
REINFORCING STEEL.....ASTM A615, A616, OR A617, GRADE 60 MINIMUM YIELD STRENGTH 60,000 P.S.I.  
DECK PROTECTION METHOD.....EPOXY COATED REBAR IN TOP MAT  
WEARING SURFACE.....MONOLITHIC 1"  
FUTURE WEARING SURFACE.....30 PSF

## REFERENCE SHALL BE MADE TO STANDARD DRAWINGS:

AS-1-81 DATED 11-27-81 - 3 SHEETS  
SD-1-69 DATED 6-12-69 - 4 SHEETS  
TS-EXJ-81 DATED 9-1-81 - 2 SHEETS  
DBR-2-73 DATED 4-10-73 - 1 SHEET  
AND TO SUPPLEMENTAL SPECIFICATIONS:  
849 DATED 10-19-81 ELASTOMERIC COMPRESSION SEALS FOR STRUCTURAL STEEL JOINTS.

836 DATED 3-12-75 CONCRETE CURING AND PROTECTIVE MEMBRANE  
824 DATED 10-8-82 EPOXY COATED REINFORCING STEEL

Abutment Piles Are HP10 x 42  
Estimated Average Pay Length Is 20 Ft. For Both Abutments

MICROFILMED  
SEP 14 1984

First Guard Rail  
Post Off Bridge  
Typical Both Sides  
Sta. 426+18.80

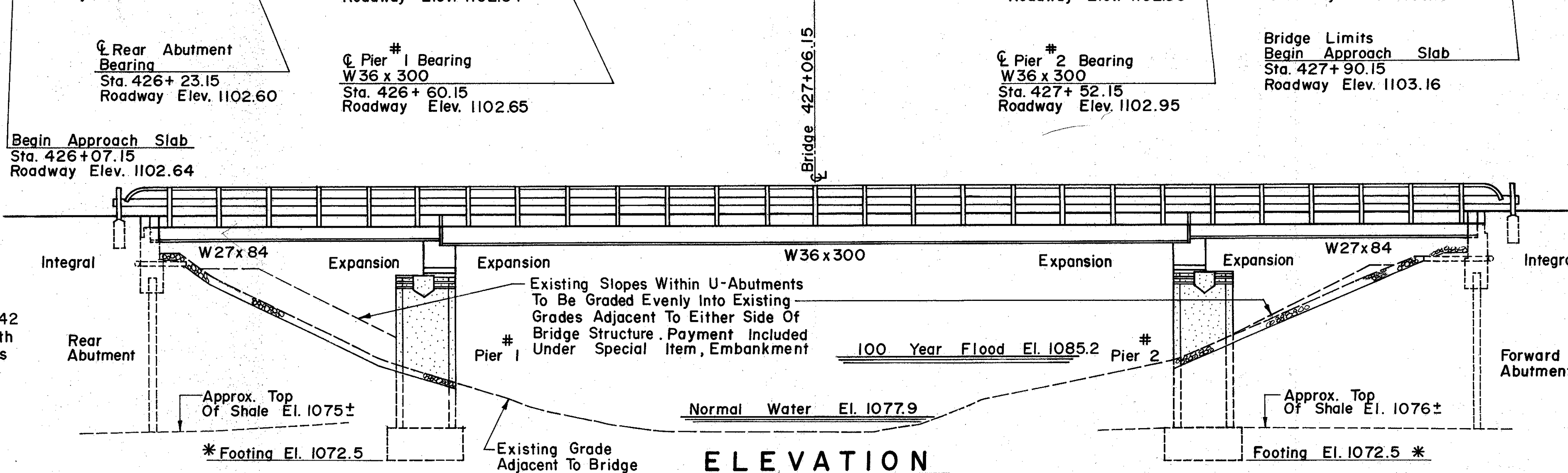
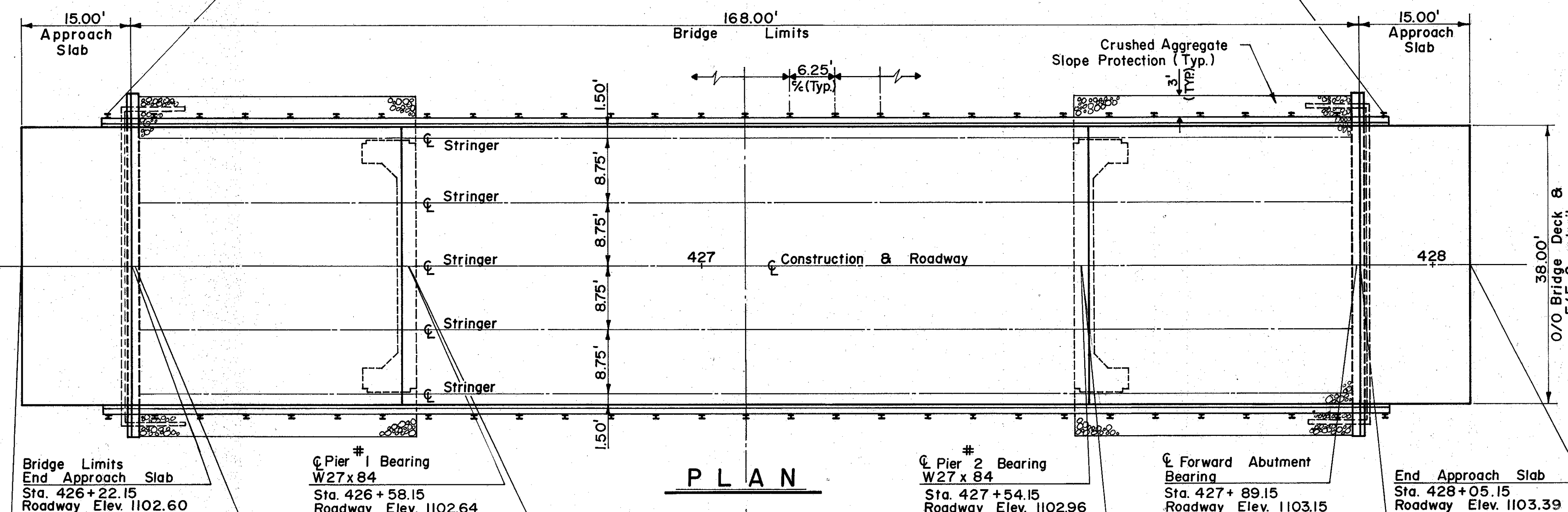
First Guard Rail  
Post Off Bridge  
Typical Both Sides  
Sta. 427+93.50

CALC. BY H.P.  
DATE 7/82  
CHECKED BY K.C.  
DATE 7/82

MORROW COUNTY  
MRW - 95-8.06

OHIO  
FHWA  
REGION 5

6  
12



# GENERAL NOTES CONT.

A PORTION OF THE EXISTING STRUCTURE WILL BECOME THE PROPERTY OF THE CONTRACTOR & SHALL BE REMOVED FROM THE SITE. PORTIONS OF THE EXISTING STRUCTURE SHALL BE REMOVED PER DEMOLITION PLAN.

UTILITIES MUST BE NOTIFIED WELL IN ADVANCE OF ANY WORK PERFORMED IN THE VICINITY OF THEIR LINES.

(419) 946-4861 OHIO UTILITIES PROTECTION SERVICE  
800-362-2764

ELECTRIC - OHIO EDISON POWER CO.

58 W. HIGH ST.  
MT. GILEAD, OHIO  
(419) 946-6015

TELEPHONE- UNITED TELEPHONE CO.

25 S. MULBERRY ST.  
MANSFIELD, OHIO  
(419) 524-3211

GAS

- COLUMBIA GAS  
138 HARDING WAY  
GALION, OHIO  
(419) 946-1006

LESTER H. POGGEMEYER P.E., INC. 1/7  
ENGINEERS - ARCHITECTS - PLANNERS  
BOWLING GREEN, OHIO

GENERAL PLAN, GENERAL NOTES  
AND ESTIMATED QUANTITIES  
BRIDGE NO. MRW - 95-8.06  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427+06.15

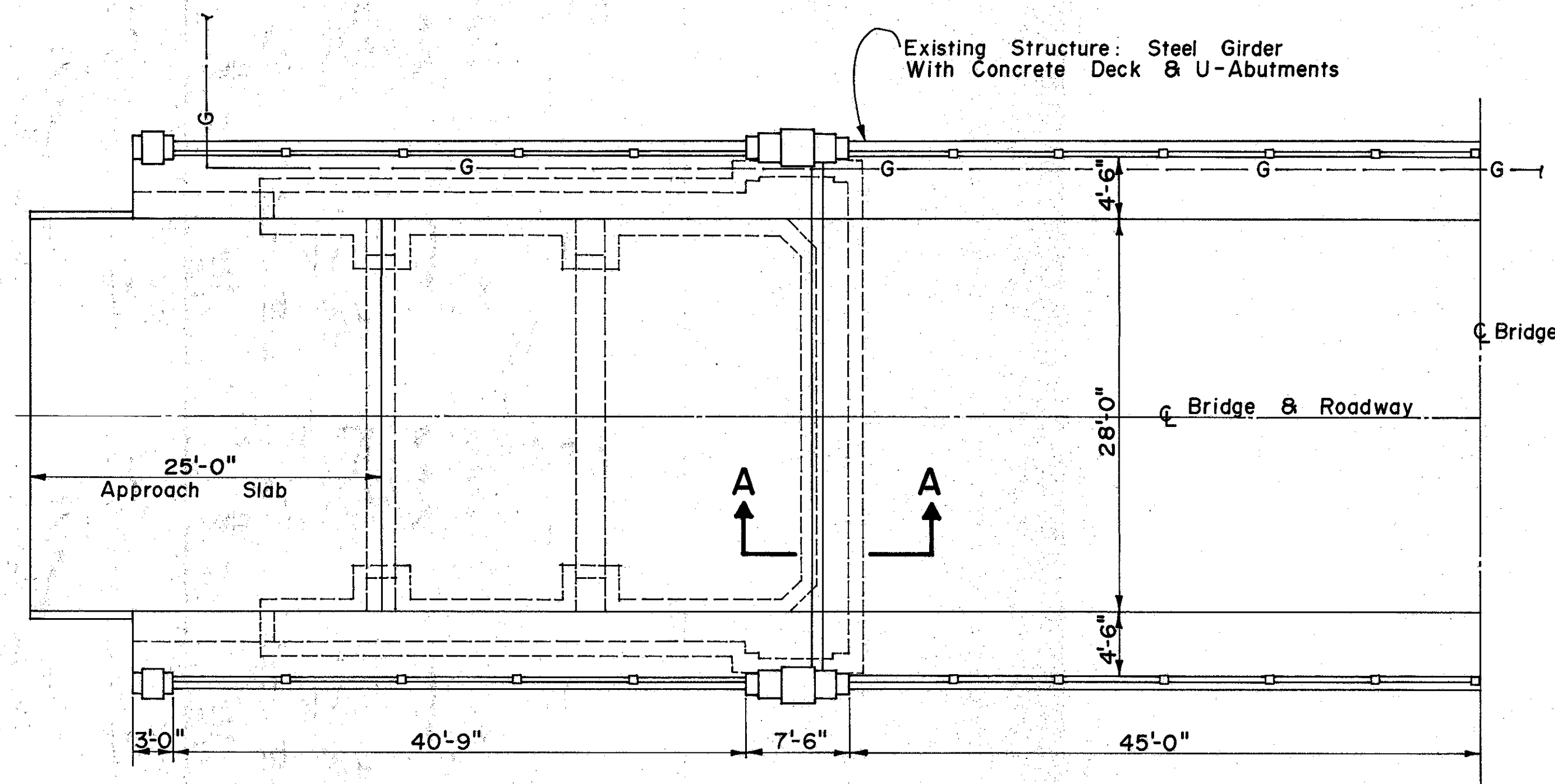
EX. DRAWN PROP. DRAWN CHECKED APPROVED REVISED  
T.G. 7/82 K.C. 7/82 J.M. 7/82

\* Elevation Taken From  
1940 Bridge Plan

# ESTIMATED QUANTITIES — STRUCTURE

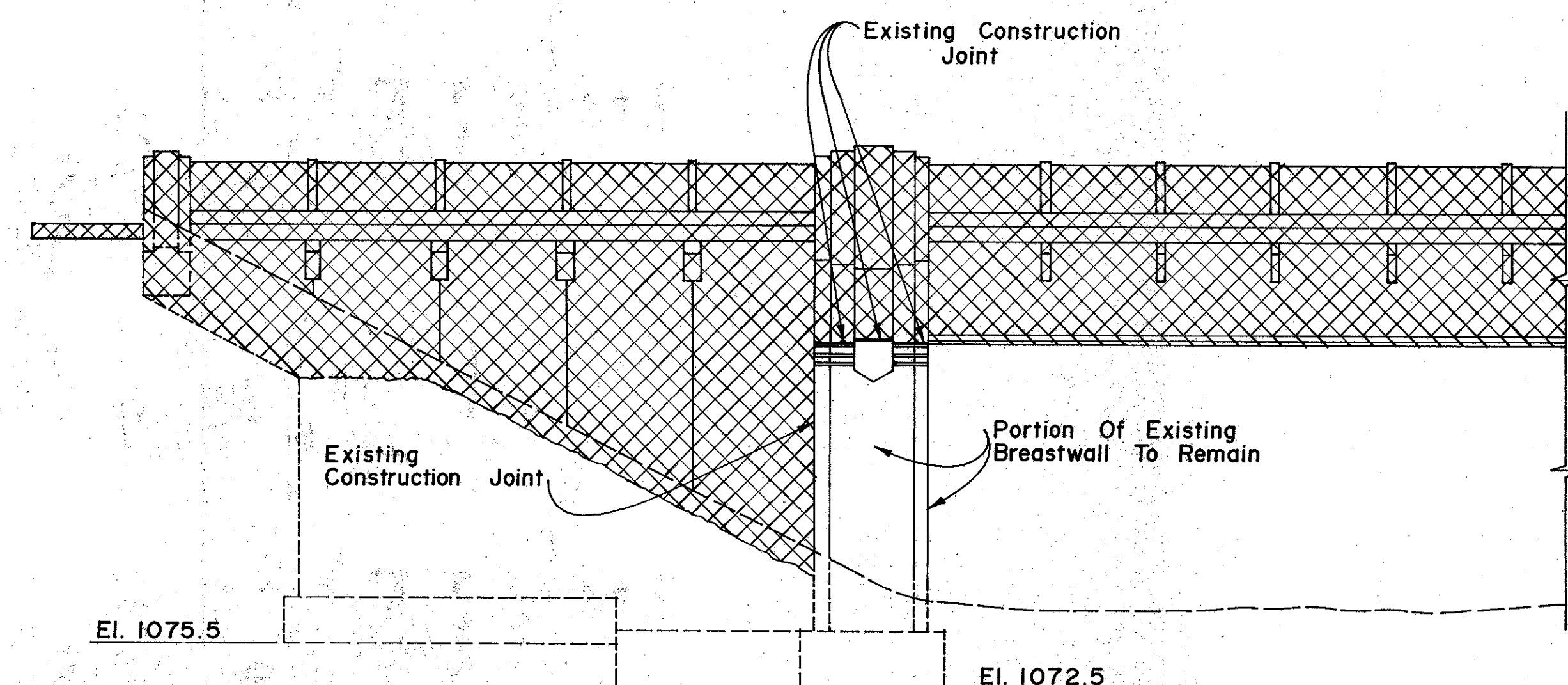
| ITEM | DESCRIPTION                                                                                                 | UNIT | ABUTMENTS | PIERS | SUPER-STRUCTURE | GENERAL | TOTAL   | ITEM    | DESCRIPTION                                                                 | UNIT | ABUTMENTS | PIERS | SUPER-STRUCTURE | GENERAL | TOTAL |
|------|-------------------------------------------------------------------------------------------------------------|------|-----------|-------|-----------------|---------|---------|---------|-----------------------------------------------------------------------------|------|-----------|-------|-----------------|---------|-------|
| 202  | Portions Of Structures Removed                                                                              | L.S. |           |       |                 |         | L.S.    | 518     | 6" Non-perforated Helical Corrugated Steel Pipe, Including Specials, 707.01 | L.F. | 36        |       |                 |         | 36    |
| 505  | Test Pile                                                                                                   | L.S. |           |       |                 |         | L.S.    | 601     | Crushed Aggregate Slope Protection                                          | S.Y. | 342       |       |                 |         | 342   |
| 507  | Steel Piles HP 10 x 42                                                                                      | L.F. | 280       |       |                 |         | 280     | 849     | Elastomeric Compression Seals For Structural Steel Joints, 5" Wide          | L.F. |           |       | 76              |         | 76    |
| 509  | Reinforcing Steel, Grade 60                                                                                 | LB.  | 12,430    | 4,362 | 19,104          |         | 35,896  | SPECIAL | Embankment (See Note Above)                                                 | L.S. |           |       |                 |         | L.S.  |
| 824  | Epoxy Coated Reinforcing Steel, Grade 60(See Proposal Note)                                                 | LB.  |           |       | 24,313          |         | 24,313  | 516     | 1" Preformed Expansion Joint Filler                                         | S.F. | 16        |       |                 |         | 16    |
| 510  | Dowel Holes                                                                                                 | L.F. |           | 155   |                 |         | 155     | 516     | 1 1/2" Preformed Expansion Joint Filler                                     | S.F. | 51        |       |                 |         | 51    |
| 511  | Class S Concrete, Superstructure                                                                            | C.Y. |           |       | 202             |         | 202     |         |                                                                             |      |           |       |                 |         |       |
| 511  | Class C Concrete, Abutments                                                                                 | C.Y. | 57        |       |                 |         | 57      | 516     | Bearing Devices, 13/8" x 8" x 12"                                           | L.B. | 375       |       |                 |         | 375   |
| 512  | Type B Waterproofing                                                                                        | S.Y. | 26        |       |                 |         | 26      | 516     | 1/4" Preformed Expansion Joint Filler                                       | S.F. | 70        |       |                 |         | 70    |
| 513  | Structural Steel A588 (AISC Category I)                                                                     | LB.  |           |       | 188,795         |         | 188,795 | 516     | P.V.C. Waterstop, As Per Plan                                               | L.F. | 76        |       |                 |         | 76    |
| 513  | Welded Stud Shear Connectors                                                                                | EA.  |           |       | 3,420           |         | 3,420   | 503     | Unclassified Excavation                                                     | C.Y. | 167       |       |                 |         | 167   |
| 516  | Laminated Elastomeric Bearing (2" x 10" x 18") Elastomeric Pad With 1 3/4" x 11" x 19" Steel Load Plate     | EA.  |           | 10    |                 |         | 10      | 511     | Class "C" Concrete, Pier Caps                                               | C.Y. | 54        |       |                 |         | 54    |
| 516  | Laminated Elastomeric Bearing (1 5/8" x 10" x 12") Elastomeric Pad With 1 1/8" x 11" x 13" Steel Load Plate | EA.  |           | 10    |                 |         | 10      | SPECIAL | Protection Of Concrete Surfaces (See Proposal Note)                         | S.F. | 285       | 3139  |                 |         | 3424  |
| 516  | 1/8" Sheet Lead, 711.19                                                                                     | S.F. | 7         |       |                 |         | 7       |         |                                                                             |      |           |       |                 |         |       |
| 517  | Railing (Deep Beam Rail With Tubular Backup, Modified Type 2 Posts, Bolts And Angle Handrail)               | L.F. |           |       |                 | 336     | 336     |         |                                                                             |      |           |       |                 |         |       |
| 518  | Porous Backfill                                                                                             | C.Y. | 23        |       |                 |         | 23      |         |                                                                             |      |           |       |                 |         |       |
| 518  | 6" Perforated Helical Corrugated Steel Pipe, 707.01                                                         | L.F. | 86        |       |                 |         | 86      |         |                                                                             |      |           |       |                 |         |       |

MICROFILMED  
SEP 14 1984



**HALF PLAN**

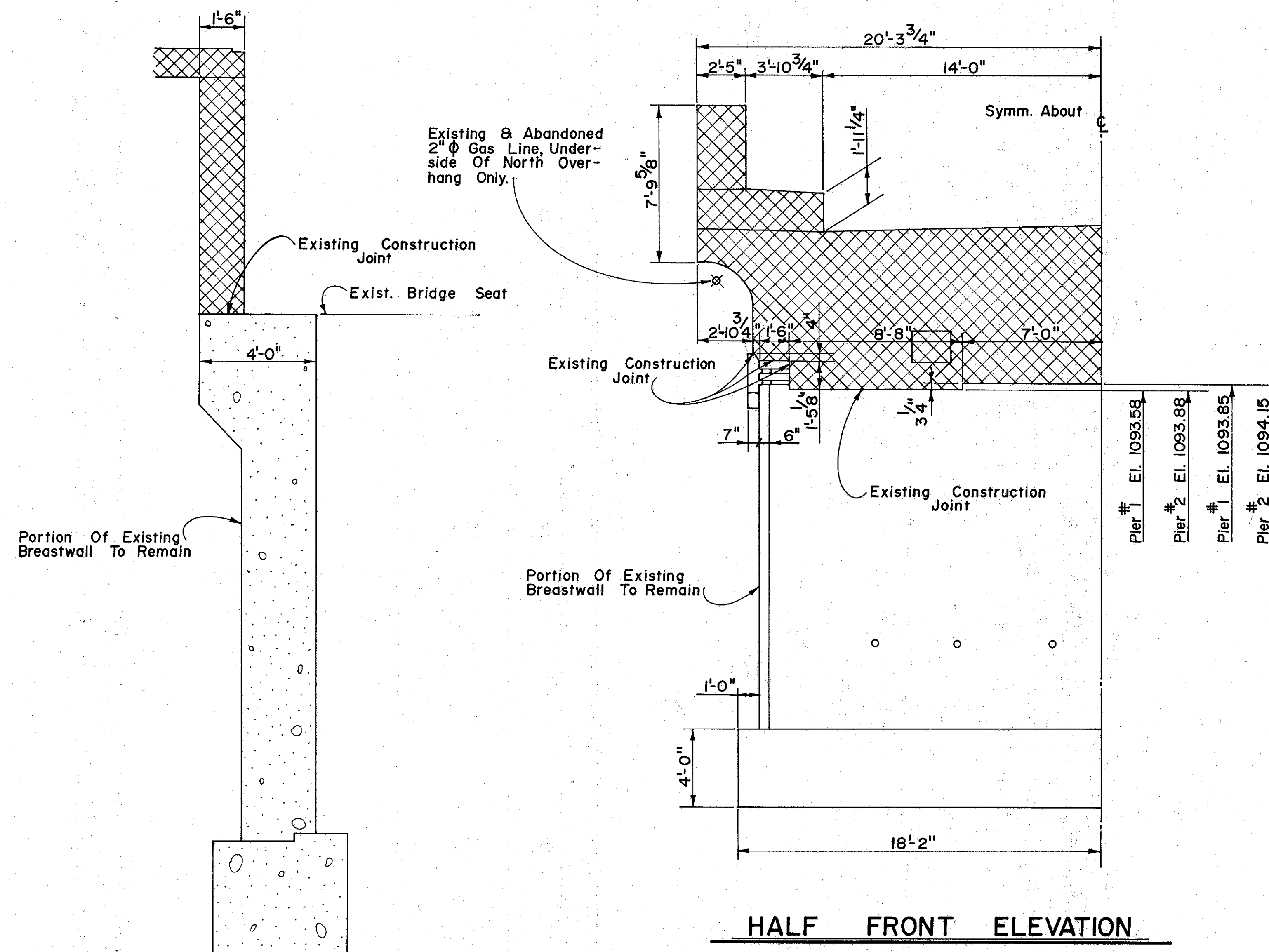
Indicates Portions Of Structure To Be Removed



**ELEVATION**

**DEMOLITION NOTES**

1. When No Longer Needed To Maintain Traffic, Portions Of The Existing Structure Shall Be Removed As Indicated By The Cross-Hatched Sections Shown.
2. Sidewalls Of The Existing U-Abutments Shall Be Removed To A Minimum Of 1'-0" Below Proposed Grades Or As Required For New Construction.
3. Existing Reinforcing Dowels & Other Exposed Bars Shall Be Cut As Close As Practical To The Remaining Concrete Surface.



**HALF FRONT ELEVATION  
U - ABUTMENT**

**SECTION A-A  
THRU BREASTWALL**

MORROW COUNTY  
MRW - 95-8.06

OHIO  
FHWA REGION 5

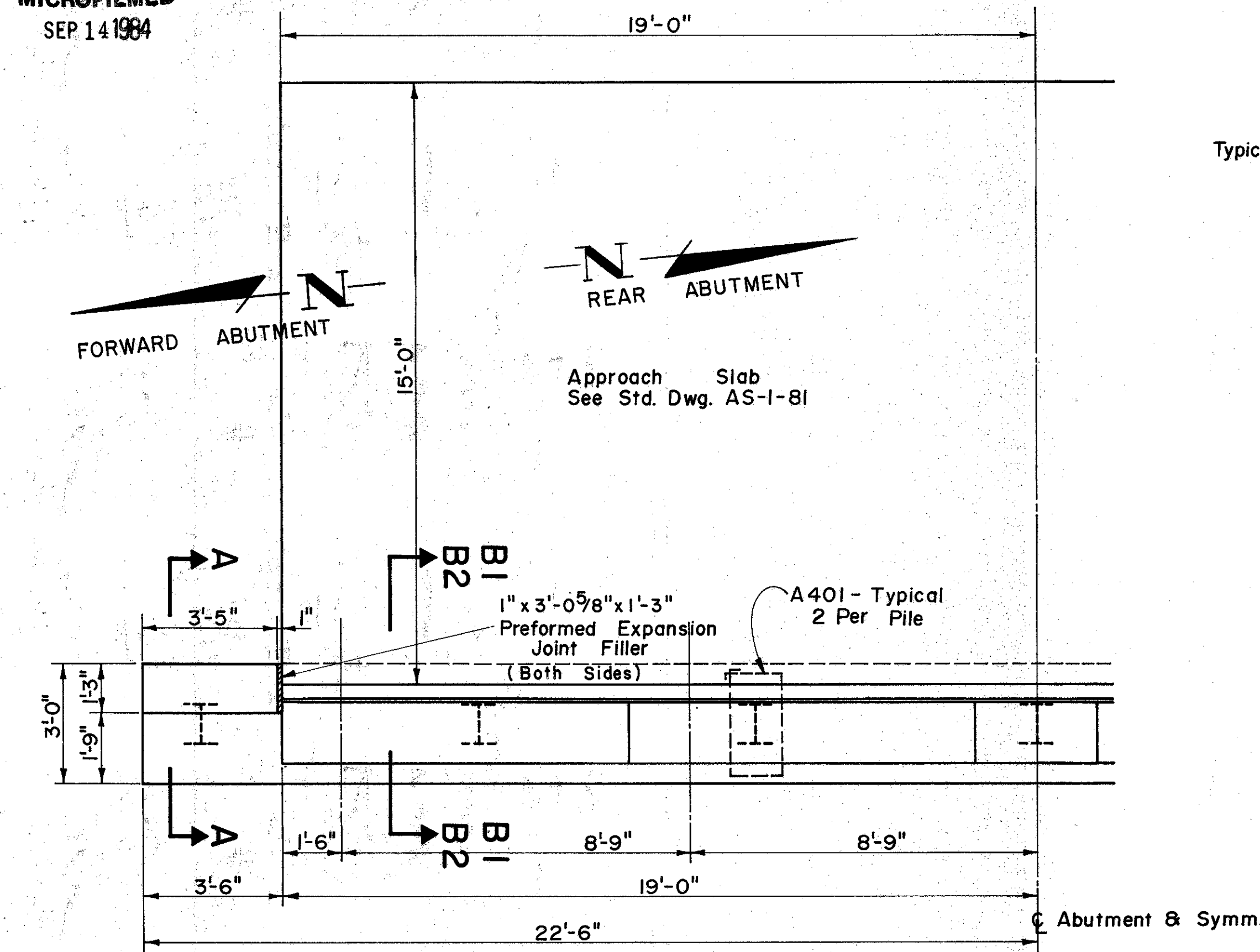
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BOWLING GREEN, OHIO

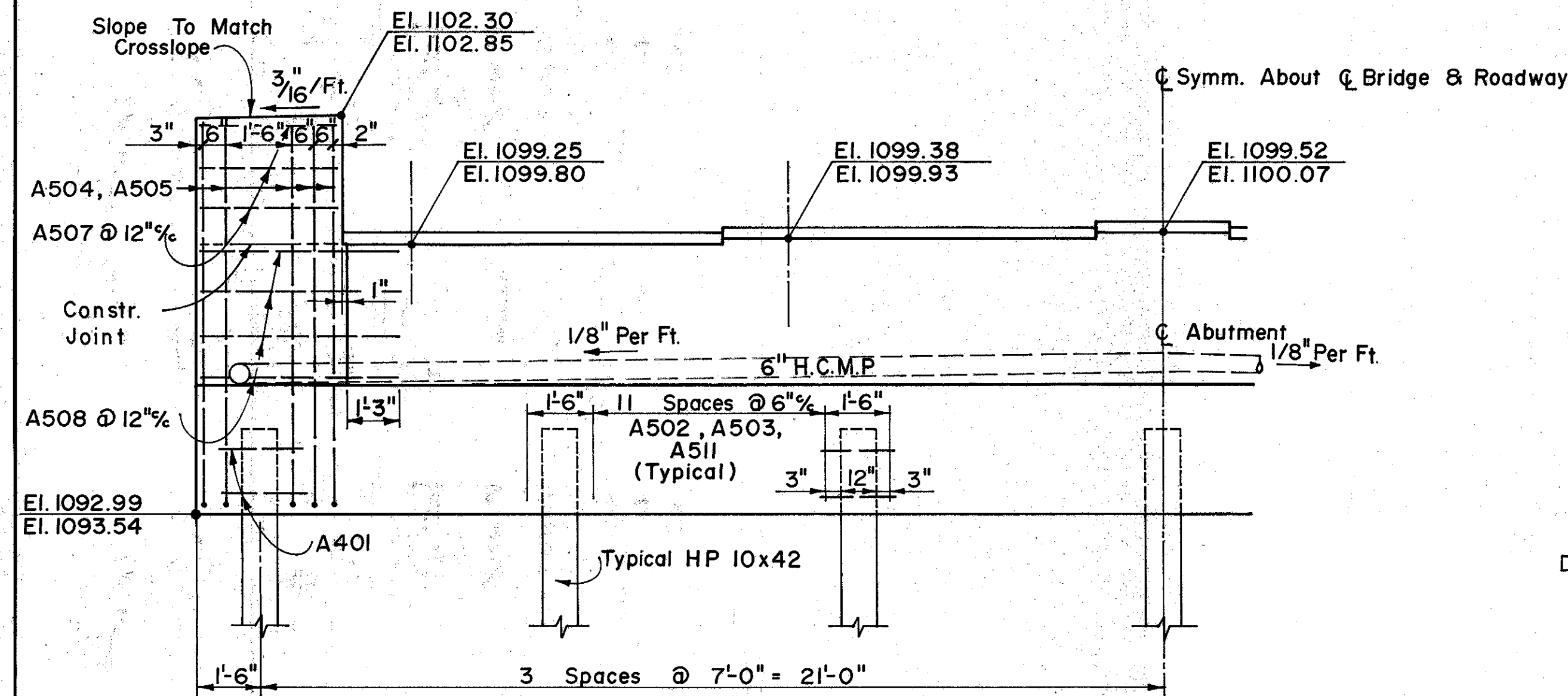
**DEMOLITION PLAN**  
BRIDGE NO. MRW - 95-8.06  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427+06.15

|           |             |           |          |         |
|-----------|-------------|-----------|----------|---------|
| EX. DRAWN | PROP. DRAWN | CHECKED   | APPROVED | REVISED |
| T.G. 7/82 | K.C. 7/82   | J.M. 7/82 |          |         |

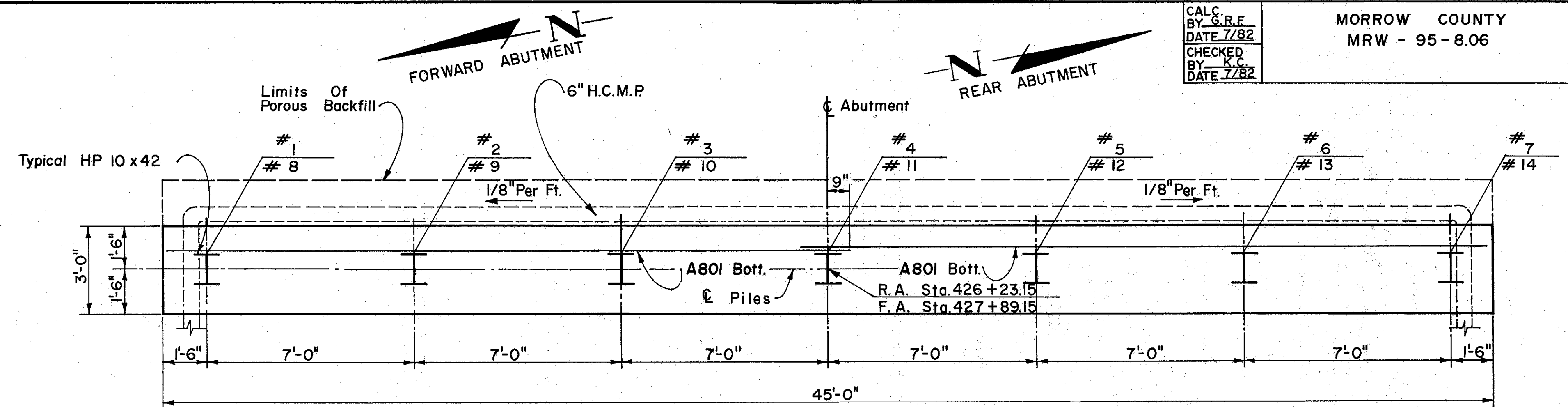
**MICROFILMED**  
SEP 14 1984



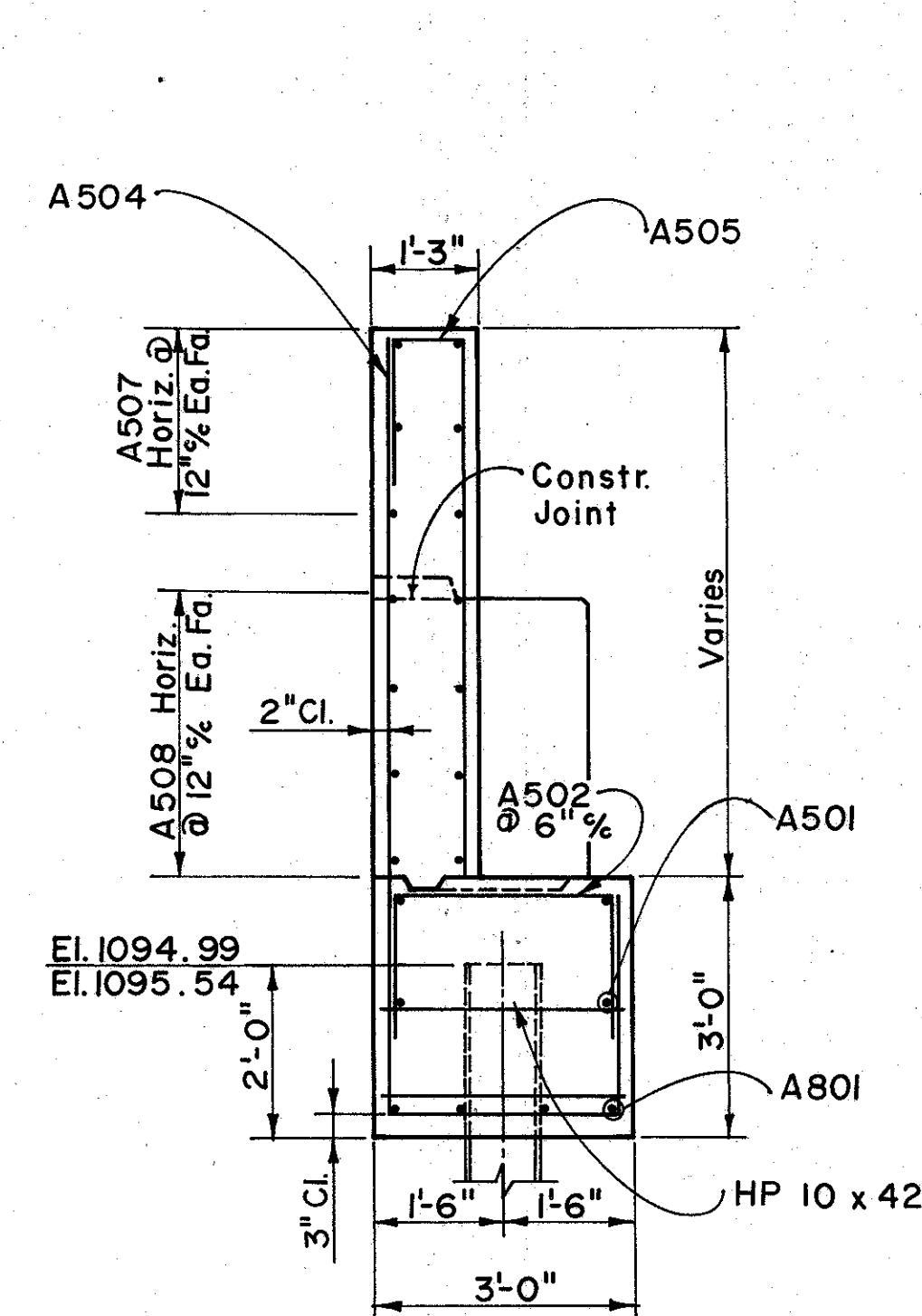
## FORWARD & REAR ABUTMENT & APPROACH SLAB PLAN



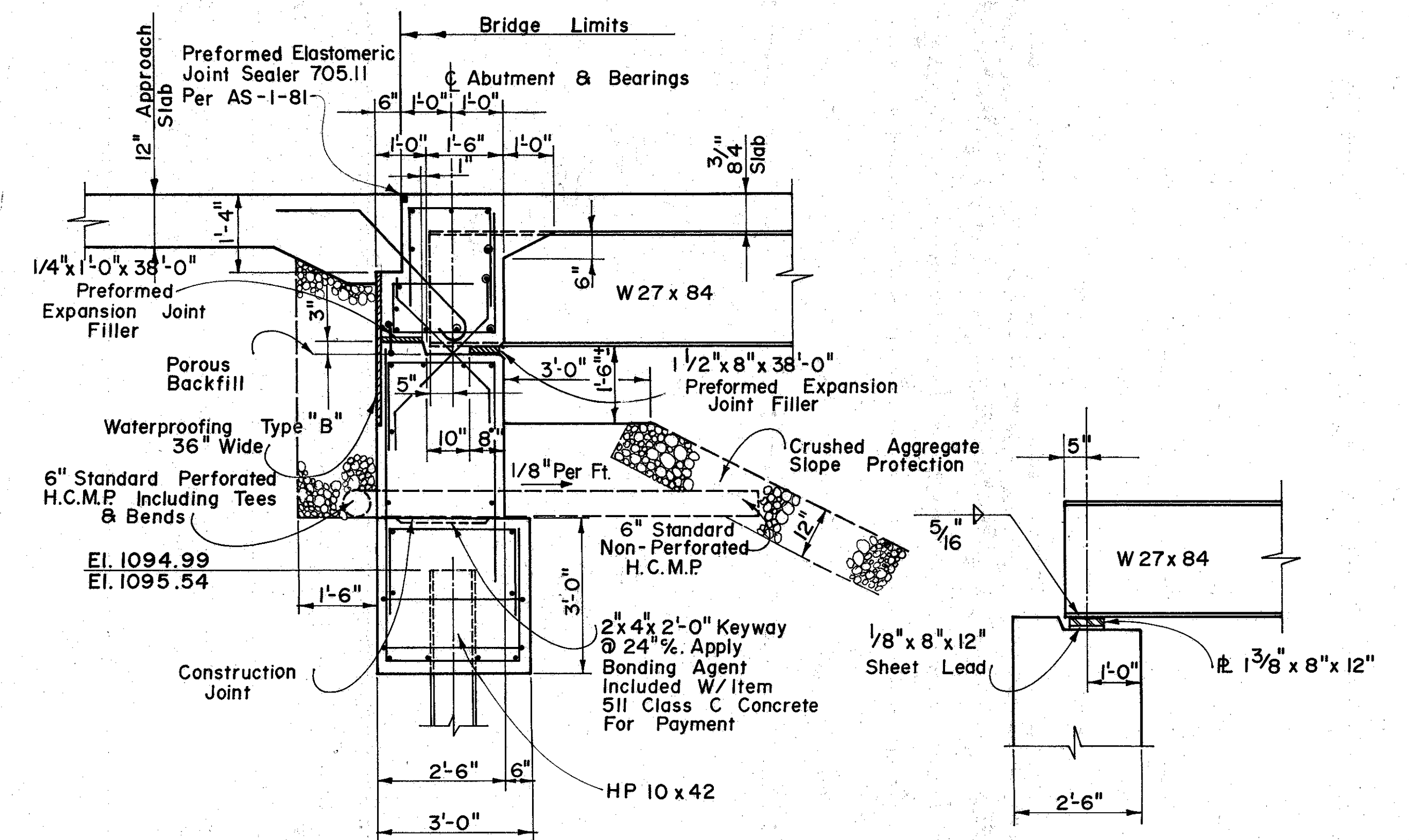
## ELEVATION



**FORWARD & REAR ABUTMENT  
FOOTING PLAN**

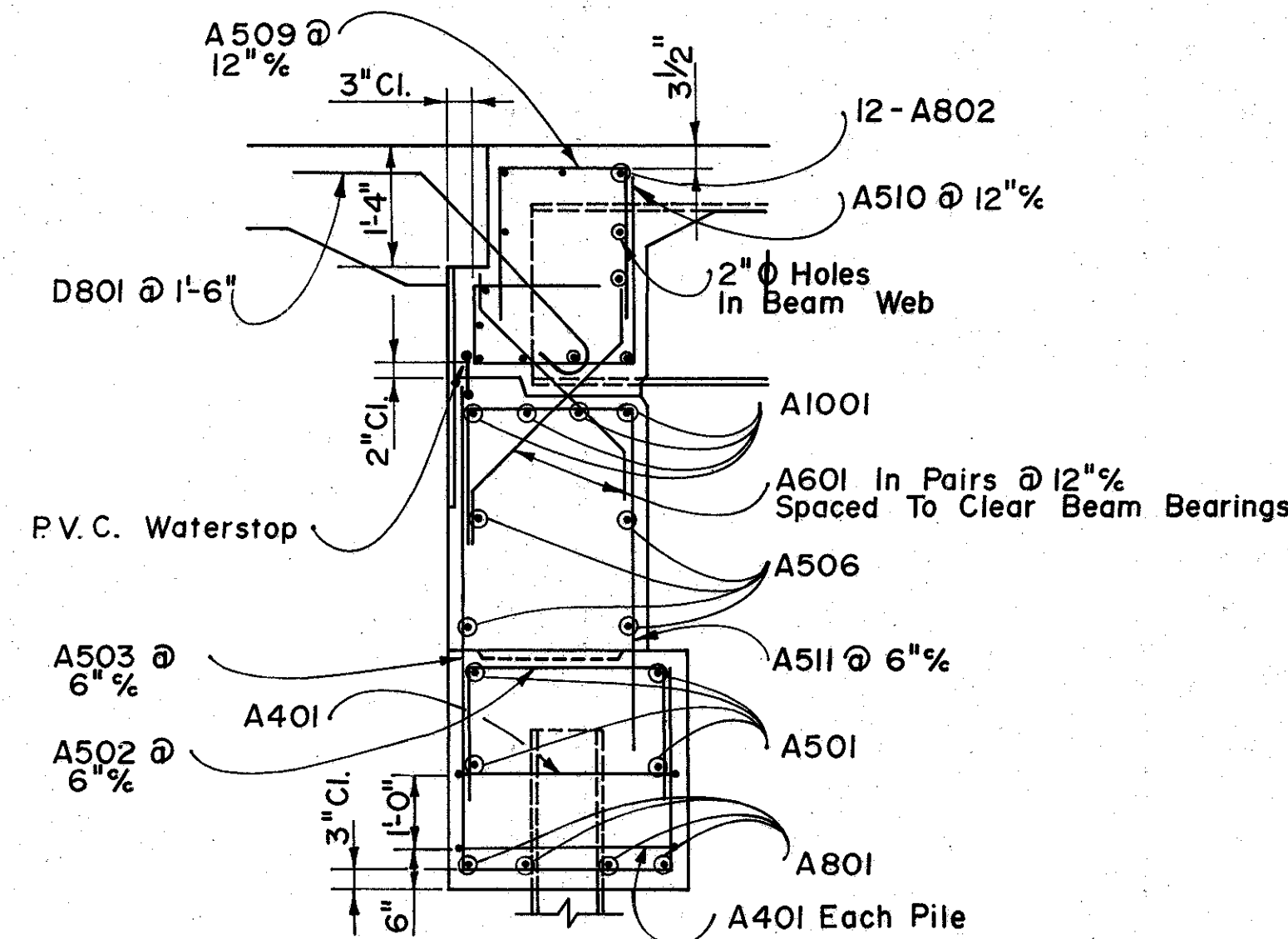


**SECTION A-A**



SECTION B2 - B2

**ABUTMENT      BEARING      DETAIL**



SECTION BI-BI

| ABUTMENT | NOTES |
|----------|-------|
|----------|-------|

1. Piles: Shall Be Driven To Bedrock. The Bearing Capacity Shall Be Considered Obtained By Refusal On Hard Bedrock Or By Penetrating Soft Bedrock For Several Inches With A Minimum Resistance Of 20 Blows Per Inch. The Design Load Is 35 Tons Per Pile For The Abutment Piles.
2. Porous Backfill: Shall Extend Upward To The Plane Of The Subgrade And Laterally To The Surface Of The Embankment.
3. Wingwalls: Shall Not Be Poured Until The Superstructure And Integral End Dam Are In Place.
4. The Pile Hammer Used To Install The Steel "H" Bearing Piles Shall Have A State's Energy Rating Of Not Less Than 12,000 Foot-Pounds. This Note Does Not Relieve The Contractor From The Requirement Of 108.05 Which States That The Contractor Is To Provide Sufficient Equipment For Prosecuting The Required Work.

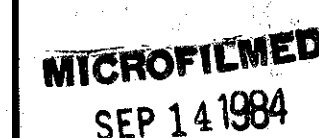
LEGEND

Rear Abutment  
Forward Abutment

LESTER H. POGGEMEYER P.E., INC. 3  
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REAR AND FORWARD  
ABUTMENT DETAILS  
BRIDGE NO. MRW - 95 - 8 06  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427 + 06.15

|           |             |           |           |         |
|-----------|-------------|-----------|-----------|---------|
| EX. DRAWN | PROP. DRAWN | CHECKED   | APPROVED  | REVISED |
|           | T.G. 7/82   | K.C. 7/82 | J.M. 7/82 |         |



**ELEVATION**

4 Additional P505 In Bracket

El. 1099.18  
El. 1099.50

19'-0"

El. 1099.31  
El. 1099.63

C Symm. About C Bridge & Roadway

El. 1099.45  
El. 1099.77

Laminated Elastomeric Bearing Pads

W 36 x 300 Near Beyond

P701

P505

P502 Pair

P503 Pair

P501

P401 Pair

P601

P602

El. 1098.27  
El. 1098.57

Existing Breast wall

El. 1098.41  
El. 1098.71

# Pier 1 El. 1093.58

# Pier 2 El. 1093.88

# Pier 1 El. 1093.85

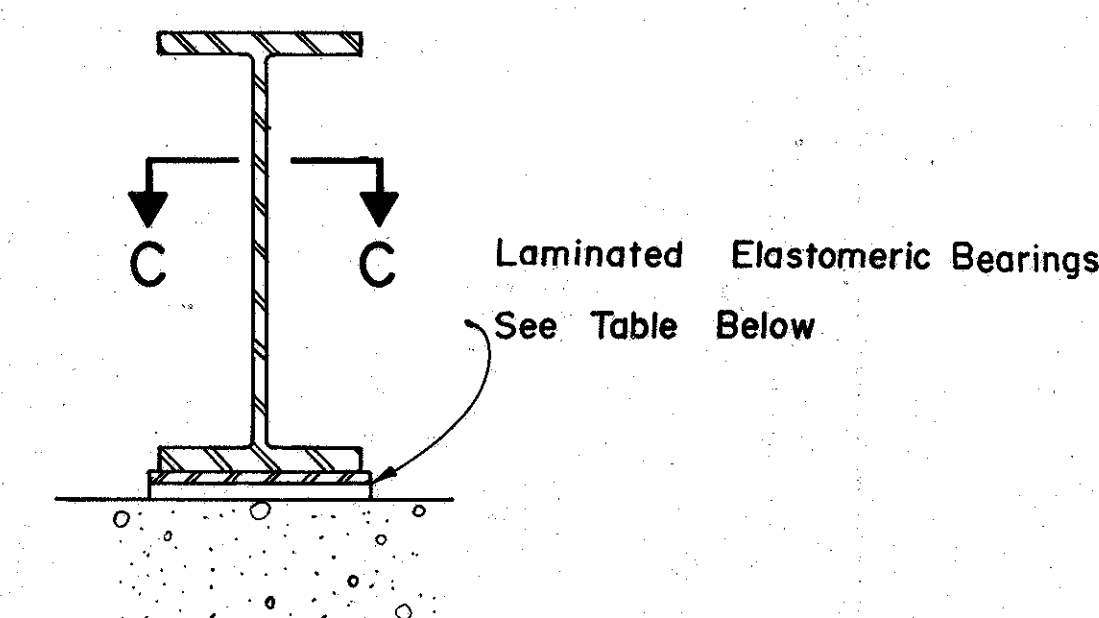
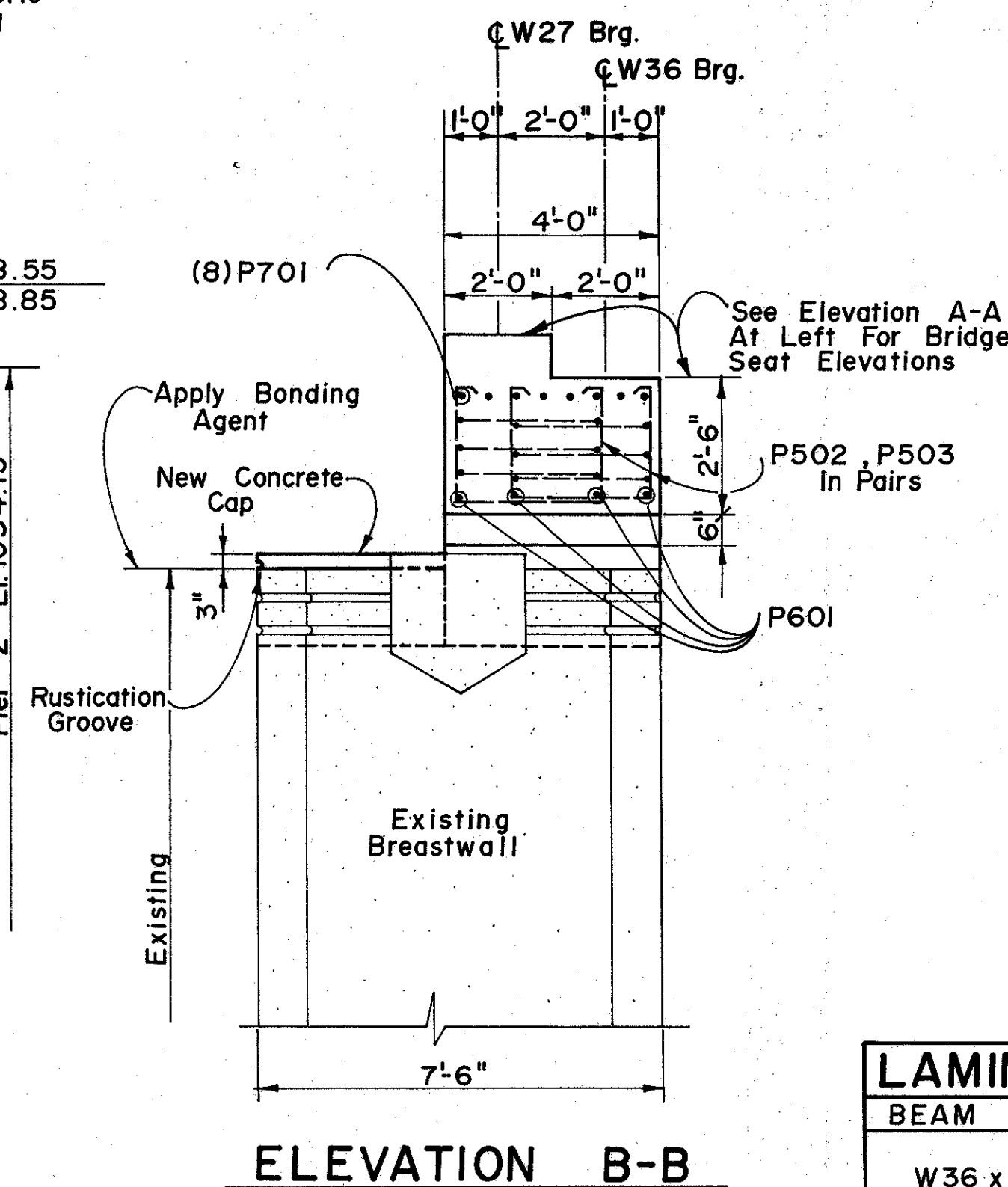
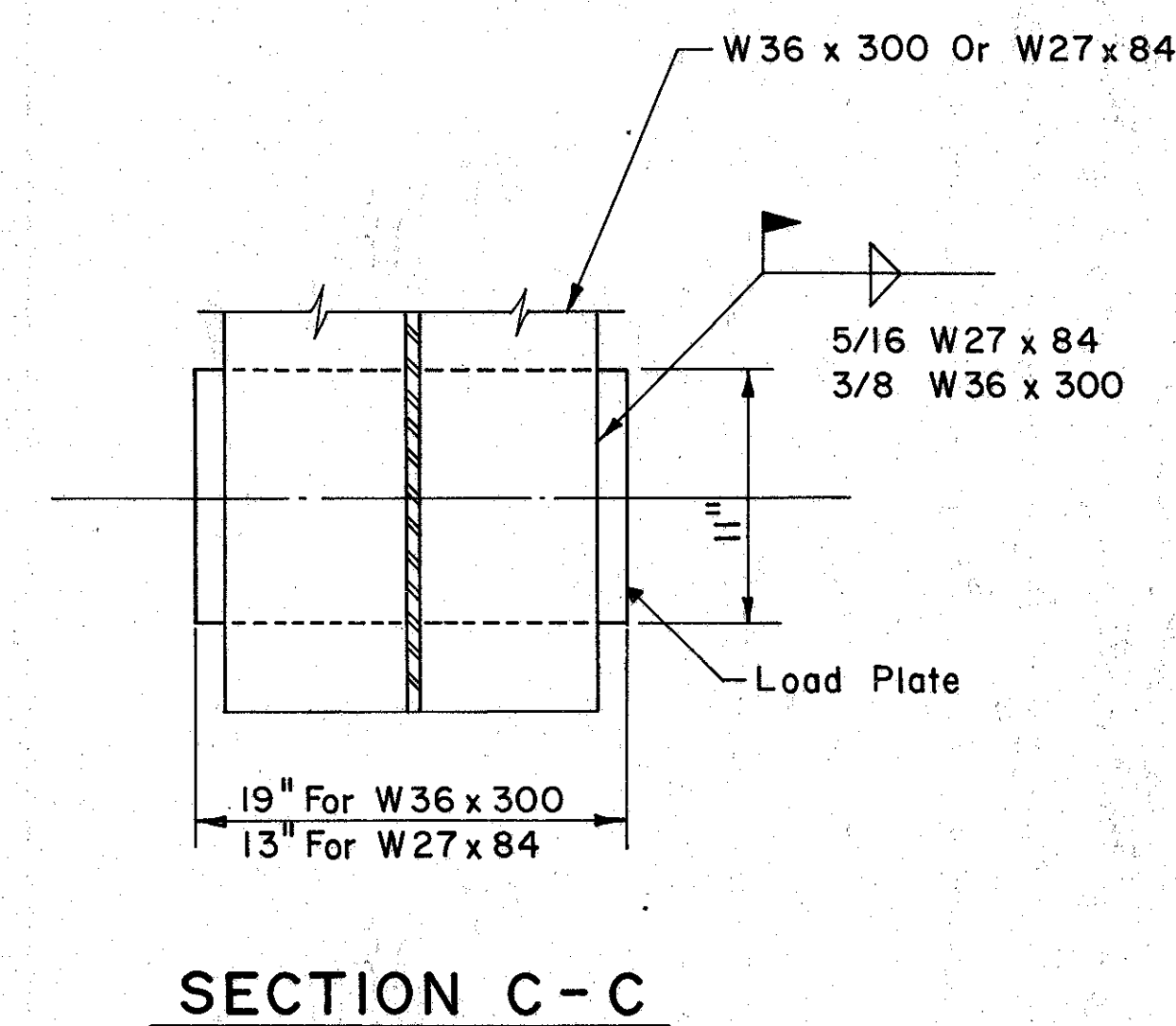
# Pier 2 El. 1094.15

Russ Gr.

16 P501 @ 12" Ea. Fa.  
16 P504, P505 @ 12" Ea.

15'-8"

**ELEVATION A - A**



Welding: Shall Be Controlled So That The Plate Temperature At The Elastomer Bonded Surface Does Not Exceed 300°F As Determined By Use Of Pyrometric Sticks Or Other Temperature Monitoring Devices.

## PIER BEARING DETAILS

**LEGEND**

#  
Pier #1  
Pier #2

LESTER H. POGGEMEYER P.E., INC. 4 / 7  
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BOWLING GREEN, OHIO

PIER DETAILS

BRIDGE NO. MRW 95 8.06  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427+06.15

|           |             |           |           |         |
|-----------|-------------|-----------|-----------|---------|
| EX. DRAWN | PROP. DRAWN | CHECKED   | APPROVED  | REVISED |
|           | T.G. 7/82   | K.C. 7/82 | J.M. 7/82 |         |



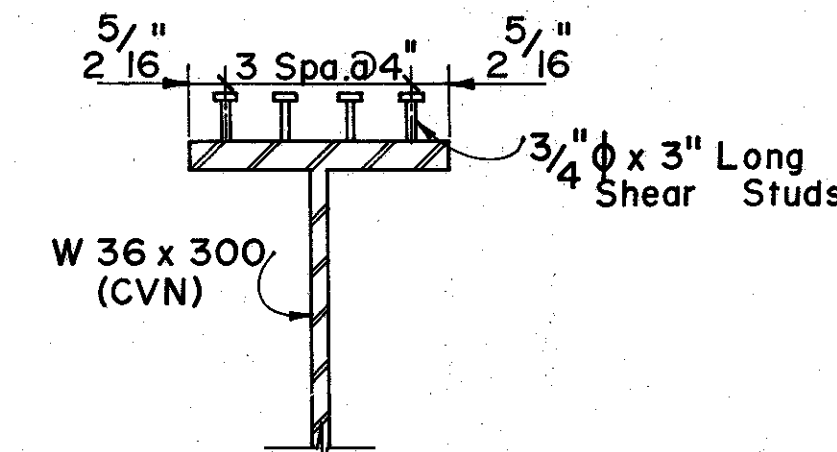
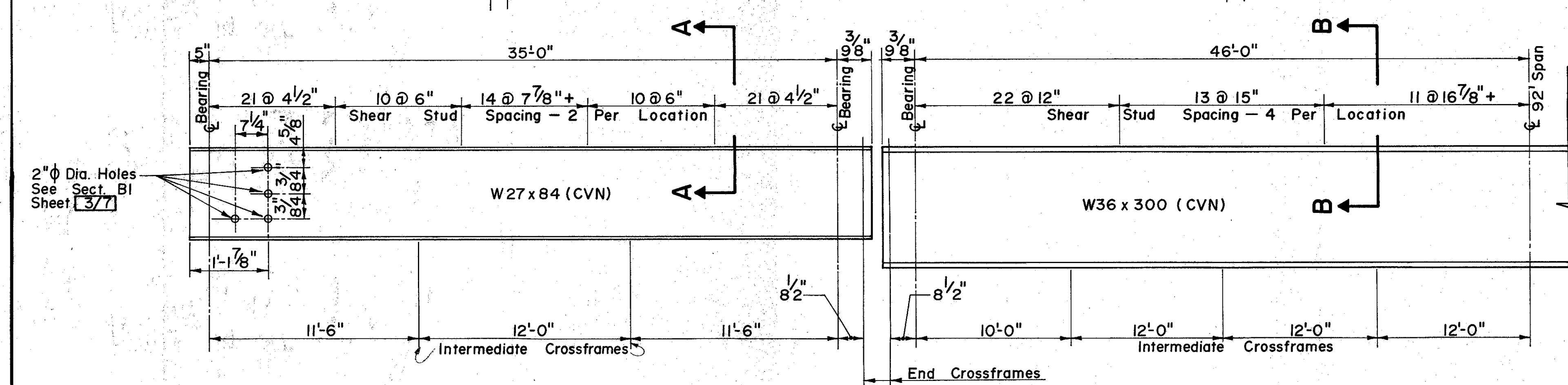
IX = Intermediate Crossframe L 3"x 3"x<sup>5</sup>/<sub>16</sub>"  
EX = End Crossframe L 4"x 4"x<sup>5</sup>/<sub>16</sub>"

CALC.  
BY G.R.F.  
DATE 7/82

CHECKED  
BY K.C.  
DATE 7/82

MORROW COUNTY  
MRW - 95-8.06

|                  |
|------------------|
| OHIO             |
| FHWA<br>REGION 5 |

$$\frac{11}{12}$$


SECTION B-B

## STEEL GIRDER DETAILS

| DECK SCREED ELEVATIONS BEFORE PLACEMENT OF SUPERSTRUCTURE CONCRETE |          |      |            |                 |                 |            |         |         |                 |                 |            |            |
|--------------------------------------------------------------------|----------|------|------------|-----------------|-----------------|------------|---------|---------|-----------------|-----------------|------------|------------|
| LOCATION                                                           | # C REAR |      | SPAN NO. 1 | # C             | # C             | SPAN NO. 2 |         |         | # C             | # C             | SPAN NO. 3 | # C FWD.   |
|                                                                    | ABUT.    | BRG. | # C SPAN   | PIER 1 W27 BRG. | PIER 1 W36 BRG. | 1/4        | 1/2     | 3/4     | PIER 2 W36 BRG. | PIER 2 W27 BRG. | # C SPAN   | ABUT. BRG. |
| C Construction & Roadway                                           | 1102.60  |      | 1102.63    | 1102.64         | 1102.65         | 1102.91    | 1103.00 | 1103.05 | 1102.95         | 1102.96         | 1103.05    | 1103.15    |
| Each Edge Of Slab                                                  | 1102.30  |      | 1102.33    | 1102.34         | 1102.35         | 1102.61    | 1102.70 | 1102.75 | 1102.65         | 1102.66         | 1102.75    | 1102.85    |

| DEFLECTION     |             |  | 8                  |         |         | CAMBER                |         |         |
|----------------|-------------|--|--------------------|---------|---------|-----------------------|---------|---------|
| LOCATION       |             |  | END SPANS W27 x 84 |         |         | CENTER SPAN W36 x 300 |         |         |
|                |             |  | 1/4 PT.            | 1/2 PT. | 3/4 PT. | 1/4 PT.               | 1/2 PT. | 3/4 PT. |
| Deflection     | Due To      |  | 1/16               | 1/16    | 1/16    | 5/8                   | 3/4     | 5/8     |
| Weight Of      | Steel       |  |                    |         |         |                       |         |         |
| Deflection     | Due To      |  | 1/4                | 3/8     | 1/4     | 2 1/8                 | 2 7/16  | 2 1/8   |
| Remaining      | Dead Load   |  |                    |         |         |                       |         |         |
| Adjustment For |             |  | 0                  | 0       | 0       | 0                     | 0       | 0       |
| Vertical Curve |             |  |                    |         |         |                       |         |         |
| Required       | Shop Camber |  | 5/16               | 7/16    | 5/16    | 2 3/4                 | 3 3/16  | 2 3/4   |

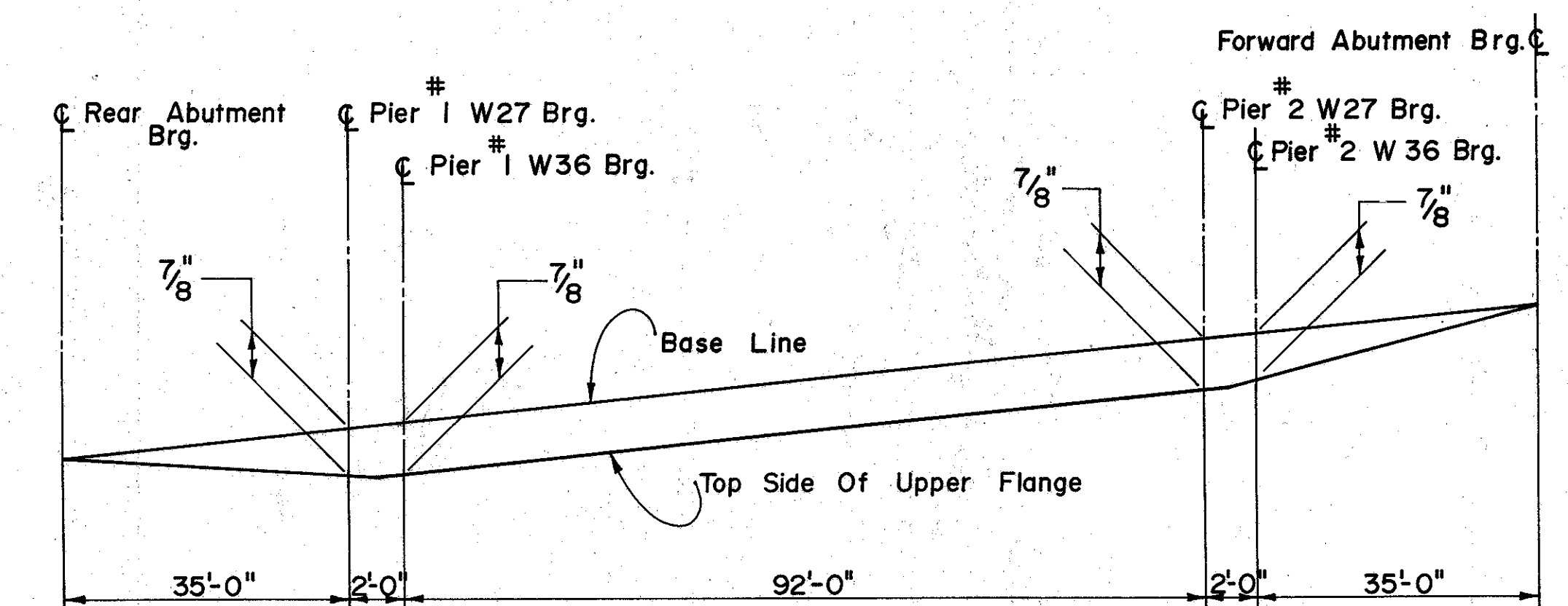
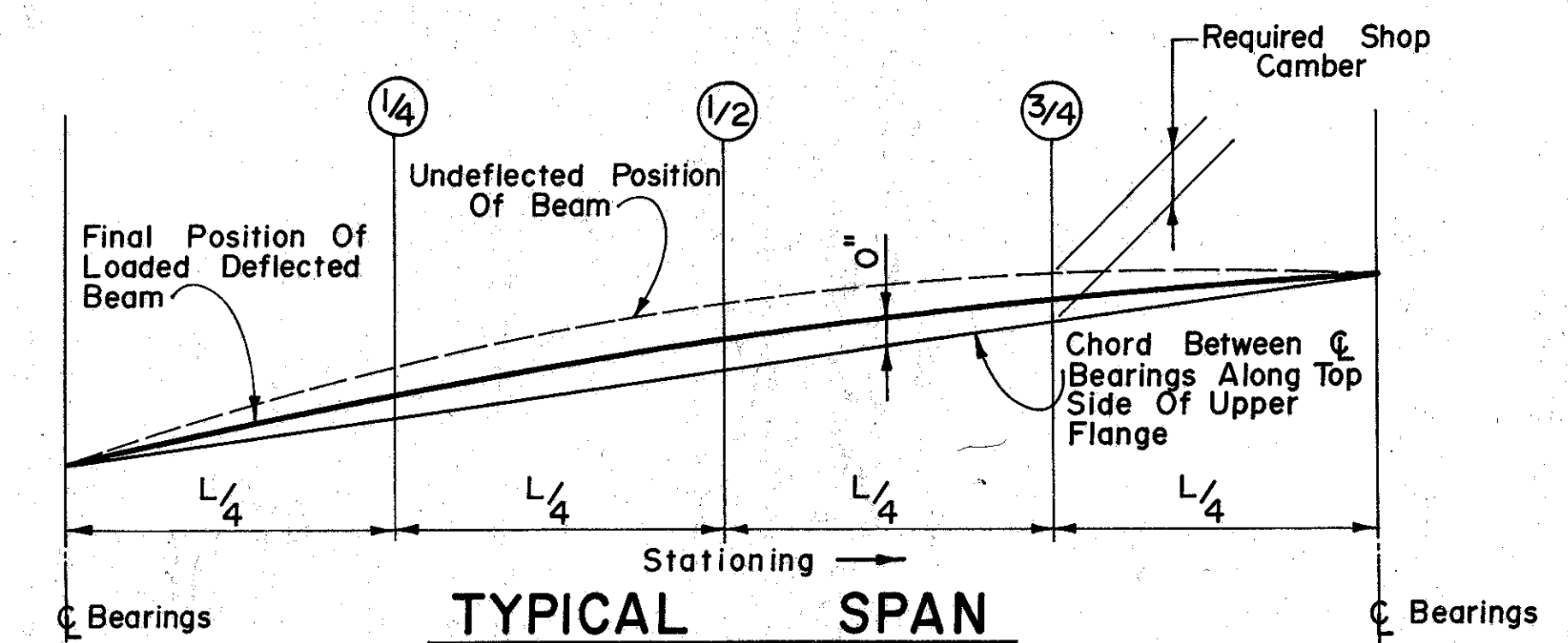


DIAGRAM SHOWING VERTICAL OFFSETS FROM TOP SIDE OF UPPER FLANGE TO BASE LINE

SUPERSTRUCTURE      NOTES  
CONT.

4. End Dams & Bearings: In Lieu Of A588 Steel, A36 Steel, Galvanized, Shall Be Furnished For End Dams, And May Be Furnished For Bearings, Except For Upper Plate Element Of Bearings. This A-36 Steel Shall Be Included With A-588 Steel Quantity For Payment.
5. Where A Shape Or Plate Is Designated (CVN) The Material Shall Meet Specified Minimum Notch Toughness Requirements. As Specified In 711.01 Of CMS.

LESTER H. POGGEMEYER P.E., INC. 6 / 7  
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BOWLING GREEN, OHIO

## SUPERSTRUCTURE DETAILS

BRIDGE NO. MRW 95-806  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427+06.15

|           |             |           |           |         |
|-----------|-------------|-----------|-----------|---------|
| EX. DRAWN | PROP. DRAWN | CHECKED   | APPROVED  | REVISED |
|           | T.G. 7/82   | K.C. 7/82 | J.M. 7/82 |         |

82050

REINFORCING STEEL LIST

BENDING DIAGRAMS

ACI TYPICAL BAR BENDS

| * ABUTMENTS |     |           |      |        |           |           |           |        |              |
|-------------|-----|-----------|------|--------|-----------|-----------|-----------|--------|--------------|
| MARK        | NO. | LENGTH    | TYPE | a      | b         | c         | d         | g      | TOTAL WEIGHT |
| A401        | 28  | 8'-7"     | T2   | 4 1/2" | 1'-9"     | 2'-4 1/2" | 1'-9"     | 4 1/2" | 160          |
| A501        | 16  | 23'-2"    | S    |        |           |           |           |        | 387          |
| A502        | 152 | 6'-0"     | 17   |        | 1'-8"     | 2'-8"     | 1'-8"     |        | 951          |
| A503        | 132 | 11'-4"    | 17   |        | 6'-1"     | 2'-8"     | 2'-7"     |        | 1,560        |
| A504        | 20  | 14'-1"    | 17   |        | 8'-10"    | 2'-8"     | 2'-7"     |        | 294          |
| A505        | 20  | 8'-8"     | 17   |        | 6'-1"     | 11"       | 1'-8"     |        | 181          |
| A506        | 8   | 37'-8"    | S    |        |           |           |           |        | 314          |
| A507        | 24  | 3'-1"     | S    |        |           |           |           |        | 77           |
| A508        | 32  | 4'-7"     | S    |        |           |           |           |        | 153          |
| A509        | 74  | 5'-4"     | 17   |        | 1'-10"    | 1'-8"     | 1'-10"    |        | 411          |
| A510        | 74  | 6'-7"     | SP   |        | 1'-10"    | 2'-1"     | 1'-2"     | 1'-6"  | 508          |
| A511        | 148 | 8'-2 1/2" | 17   |        | 4'-4 1/2" | 2'-2"     | 1'-8"     |        | 1,265        |
|             |     |           |      |        |           |           |           |        |              |
| A601        | 148 | 3'-6"     | 19   |        | 4"        | 3'-0"     | 4"        |        | 778          |
|             |     |           |      |        |           |           |           |        |              |
| A801        | 16  | 23'-1"    | S    |        |           |           |           |        | 986          |
| A802        | 24  | 37'-8"    | S    |        |           |           |           |        | 2,414        |
|             |     |           |      |        |           |           |           |        |              |
| A1001       | 8   | 37'-8"    | S    |        |           |           |           |        | 1,297        |
|             |     |           |      |        |           |           |           |        |              |
| D801        | 52  | 5'-0"     | 5    |        |           | 1'-5"     | 2'-8 1/2" | 11"    | 694          |
|             |     |           |      |        |           |           |           |        |              |
| Abutment    |     | Total     |      |        |           |           |           |        |              |
|             |     |           |      |        |           |           |           |        | 12,430       |

\* 1/2 Each Abutment

| * PIERS |     |            |      |        |           |           |           |        |              |
|---------|-----|------------|------|--------|-----------|-----------|-----------|--------|--------------|
| MARK    | NO. | LENGTH     | TYPE | a      | b         | c         | d         | g      | TOTAL WEIGHT |
| P301    | 8   | 2'-10"     | S    |        |           |           |           |        | 9            |
| P302    | 8   | 3'-2"      | S    |        |           |           |           |        | 10           |
| P303    | 8   | 2'-3 1/2"  | S    |        |           |           |           |        | 7            |
|         |     |            |      |        |           |           |           |        |              |
| P401    | 24  | 14'-3"     | 17   |        | 5'-10"    | 2'-7"     | 5'-10"    |        | 228          |
|         |     |            |      |        |           |           |           |        |              |
| P501    | 124 | 3'-5"      | S    |        |           |           |           |        | 442          |
| P502    | 8   | 8'-7 1/4"  | S3   | 5 1/2" | 2'-7 1/2" | 2'-8 1/2" | 2'-7 1/2" | 5 1/2" | 72           |
| P503    | 8   | 8'-33/4"   | S3   | 5 1/2" | 2'-5 1/2" | 2'-8 1/2" | 2'-5 1/2" | 5 1/2" | 69           |
| P504    | 62  | 12'-5 1/2" | 17   |        | 4'-6 1/4" | 3'-8"     | 4'-6 1/4" |        | 806          |
| P505    | 78  | 5'-8"      | 17   |        | 2'-0"     | 1'-8"     | 2'-0"     |        | 461          |
|         |     |            |      |        |           |           |           |        |              |
| P601    | 16  | 6'-0"      | S    |        |           |           |           |        | 144          |
| P602    | 30  | 31'-0"     | S    |        |           |           |           |        | 1,397        |
| P603    | 4   | 37'-8"     | S    |        |           |           |           |        | 226          |
|         |     |            |      |        |           |           |           |        |              |
| P701    | 32  | 7'-6"      | 17   |        | 5'-10"    | 1'-8"     |           |        | 491          |
|         |     |            |      |        |           |           |           |        |              |
| Pier    |     | Total      |      |        |           |           |           |        |              |
|         |     |            |      |        |           |           |           |        | 4,362        |

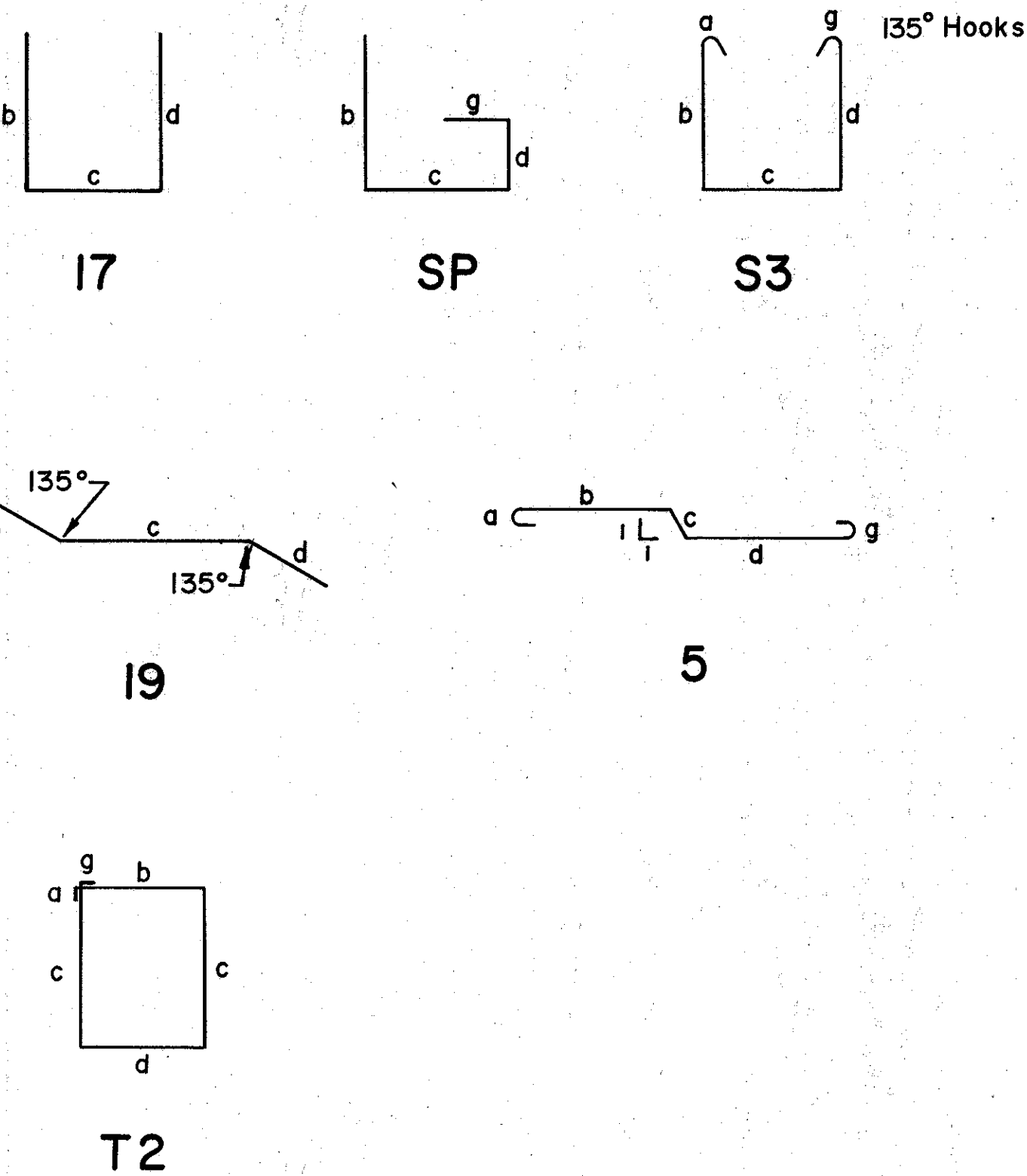
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| SUPERSTRUCTURE |     |            |      |   |    |     |       |   |              |
|----------------|-----|------------|------|---|----|-----|-------|---|--------------|
| MARK           | NO. | LENGTH     | TYPE | a | b  | c   | d     | g | TOTAL WEIGHT |
| E401           | 106 | 36'-6 1/2" | S    |   |    |     |       |   | 2,587        |
| E402           | 106 | 40'-0"     | S    |   |    |     |       |   | 2,832        |
| E403           | 53  | 16'-1 1/4" | S    |   |    |     |       |   | 570          |
|                |     |            |      |   |    |     |       |   |              |
| E601           | 309 | 37'-8"     | S    |   |    |     |       |   | 17,483       |
| E602           | 160 | 3'-6 "     | 17   |   | 9" | 11" | 1'-2" |   | 841          |
|                |     |            |      |   |    |     |       |   |              |
| S501           | 86  | 36'-6 1/2" | S    |   |    |     |       |   | 3,278        |
| S502           | 86  | 40'-0"     | S    |   |    |     |       |   | 3,588        |
| S503           | 43  | 16'-9 1/4" | S    |   |    |     |       |   | 752          |
|                |     |            |      |   |    |     |       |   |              |
| S601           | 203 | 37'-8"     | S    |   |    |     |       |   | 11,486       |
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Epoxy Coated Reinforcement Is Required For The Top Mat Of The Bridge Deck. Such Bars Are Noted On This Sheet With (E) And Are Itemized Separately, Paid For Under "Special Item Epoxy Coated Reinforcing Steel Grade 60 ". Except For The Coating, The Material & Workmanship Shall Conform To Item 509.

REINFORCING STEEL SAMPLES

Refer To CMS Sections 106.03 , 700 , 709.01 Through 709.05 And 709.08 . Sufficient Additional Reinforcing Steel Shall Be Provided For Sampling. Random Samples Shall Be Replaced In The Structure By The Additional Steel, Spiced In Accordance With 509.08 .



S - Indicates Straight Bar

NOTES:

Bar Marks Are Coded As Follows . The First Letter Denotes Location , A - Abutment , P - Pier , S & E - Superstructure , D - Approach Slabs. Bar Size Is Also Indicated In The Bar Mark. The First Digit Where Three Digits Are Used, And The First Two Digits Where Four Digits Are Used Indicate The Bar Size Number For Example, A700 Is A No. 7 Size Bar And A1014 Is A No. 10 Size Bar.

LESTER H. POGGEMEYER P.E., INC. 7 / 7  
ENGINEERS-ARCHITECTS-PLANNERS  
BOWLING GREEN, OHIO

REINFORCING STEEL LIST

BRIDGE NO. MRW 95-8.06  
OVER WHETSTONE CREEK  
S.R. 95 MORROW COUNTY  
STA. 427+06.15  
SECT. MT. GILEAD - F-BR.

EX. DRAWN PROP. DRAWN CHECKED APPROVED REVISED  
T.G. 7/82 K.C. 7/82 J.M. 7/82