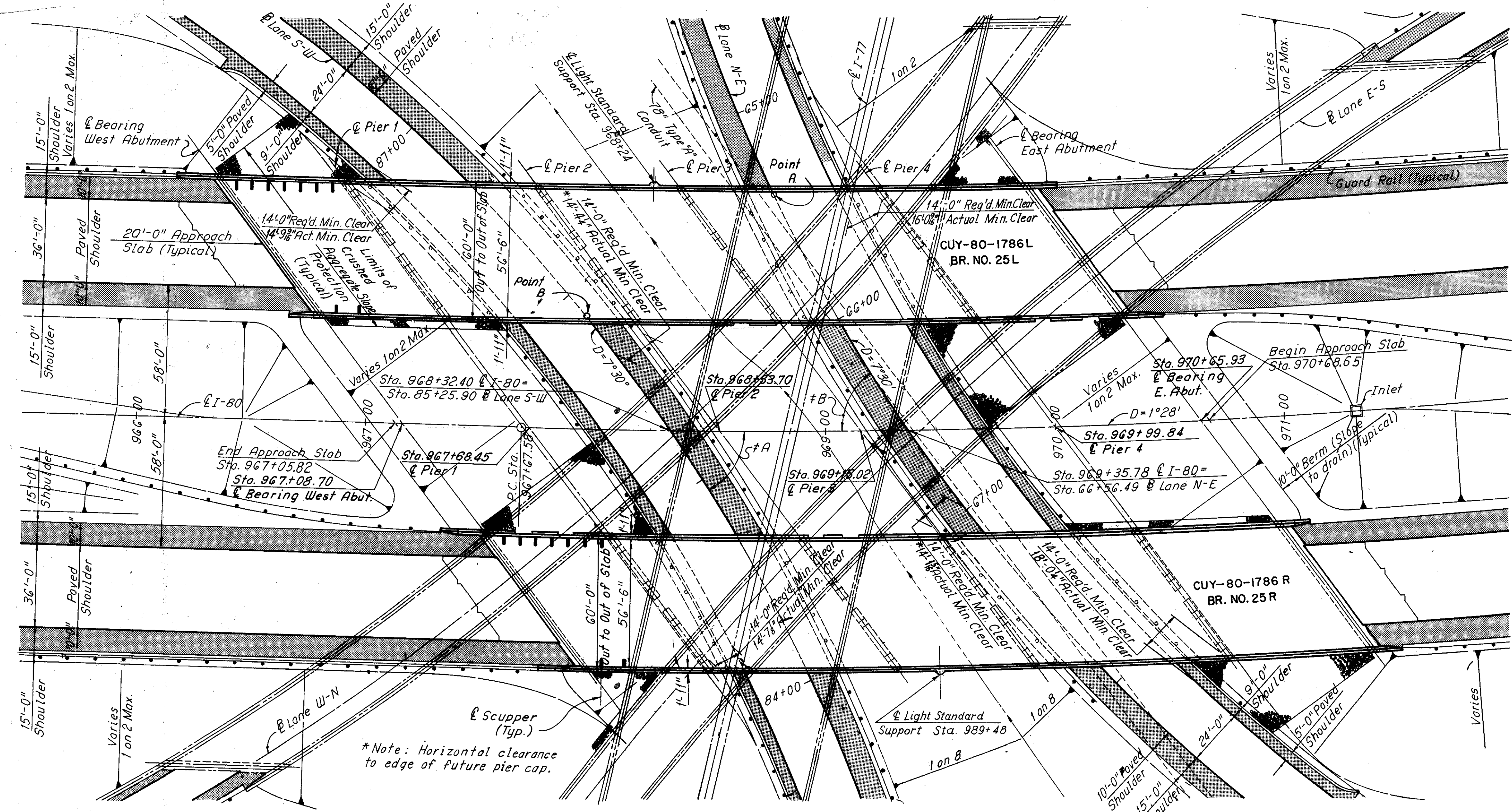


CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37



**PLAN**  
 Scale: 1"=30'

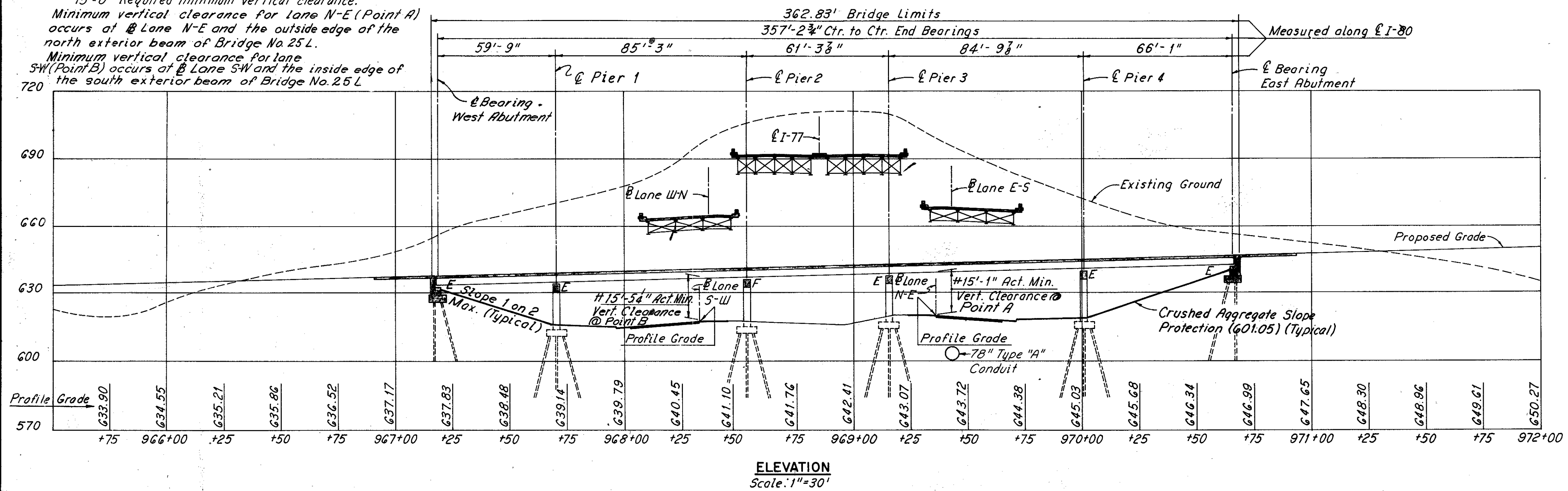
**# INTERSECTION ANGLES**  
 (To Local Tangents)  
 A = 55° 27' 34"  
 B = 57° 05' 05"

Note:  
 Bridge No. 25 substructure elements are parallel and are skewed 38°31'02" right forward to the extended local tangent at P.C. Sta. 967+67.58 & I-80.

| PROPOSED STRUCTURE |  |
|--------------------|--|
| TYPE:              | Continuous rolled beams with reinforced concrete deck and substructure.              |
| SPANS:             | 59'-9", 85'-3", 61'-3", 84'-9" and 66'-1" (Measured along & I-80)                    |
| ROADWAY:           | 58'-0" face to face of parapets (Both Bridge No. 25L and Bridge No. 25R.)            |
| LOADING:           | HS 20-44 and Interstate Alternate Loading.   |
| SKREW:             | 38°31'02" Right forward to the extended local tangent at P.C. Sta. 967+67.58 & I-80. |
| WEARING SURFACE:   | 1" Monolithic Concrete   |
| APPROACH SLABS:    | AS-1-67 (20' long)   |
| ALIGNMENT:         | Tangent and 1°28'00" Left  |
| SUPERELEVATION:    | Varies; -0.003 ft. per ft. to 0.036 ft. per ft.                                      |

| TRAFFIC DATA |                               |
|--------------|-------------------------------|
| I-80         | 1988 - A.D.T. 47,072 Each Way |
|              | - D.D.H.V. 5,411              |

# Note:  
 15'-0" Required minimum vertical clearance.  
 Minimum vertical clearance for Lane N-E (Point A) occurs at & Lane N-E and the outside edge of the north exterior beam of Bridge No. 25 L.  
 Minimum vertical clearance for lane SW (Point B) occurs at & Lane SW and the inside edge of the south exterior beam of Bridge No. 25 L.



Notes:  
 For curve data and profile grades see Sheet T-3.  
 All footings shall be founded on 12"φ C.I.P. reinforced concrete piles with estimated average vertical lengths as follows:  
 Abutments = 45'  
 Piers = 35'

H.N.T.B. BR. NO. 25 L&R

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**SITE PLAN**

I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

CUYAHOGA COUNTY OHIO

|              |               |                |               |         |
|--------------|---------------|----------------|---------------|---------|
| DRAWN I.L.D. | TRACED D.L.R. | CHECKED S.J.E. | REVIEWED W.P. | REVISED |
| DATE 11-7-67 | DATE 11-7-67  | DATE 1-12-68   | DATE 2-4-68   |         |

SHEET 1 / 16

|                   |       |         |
|-------------------|-------|---------|
| FED. RD. DIVISION | STATE | PROJECT |
| 2                 | OHIO  |         |

368  
410

CUYAHOGA COUNTY  
CUY-77-8.69  
CUY-80-17.37

| ESTIMATED QUANTITIES |           |          |  |  |         |                 |         |  |
|----------------------|-----------|----------|--|--|---------|-----------------|---------|--|
| ITEM                 | TOTAL     | UNIT     | DESCRIPTION  | CUY-80-1786 L and R H.N.T.B. BRIDGE NO. 25 L & R |         |                 |         |  |
|                      |           |          |  | ABUT-MENTS                                       | PIERS   | SUPER-STRUCTURE | GENERAL |  |
| 503                  | 1,513     | Cu. Yd.  | Unclassified Excavation  | 737  | 776     |                 |         |  |
| 505                  | Lump Sum  | Lump Sum | First Test Pile  |  |         |                 |         |  |
| 507                  | 11,220    | Lin. Ft. | 12" $\phi$ C.I.P. Reinforced Concrete Piles                                | 3,555  | 7,665   |                 |         |  |
| 509                  | 554,427   | Pounds   | Reinforcing Steel  | 39,408   | 130,057 | 384,962         |         |  |
| 511                  | 1,280     | Cu. Yd.  | Class "C" Concrete, Superstructure   |  |         | 1,280           |         |  |
| 511                  | 374       | Cu. Yd.  | Class "C" Concrete, Pier Caps and Columns                                  |  | 374     |                 |         |  |
| 511                  | 322       | Cu. Yd.  | Class "C" Concrete, Abutment (Above footing)                               | 322  |         |                 |         |  |
| 511                  | 534       | Cu. Yd.  | Class "C" Concrete, Footings   | 239  | 295     |                 |         |  |
| 512                  | 32        | Lin. Ft. | Premolded Sealing Strip  | 32   |         |                 |         |  |
| 513                  | 1,307,300 | Pounds   | Structural Steel   |  |         | 1,307,300       |         |  |
| 518                  | 115       | Cu. Yd.  | Porous Backfill  | 115  |         |                 |         |  |
| 518                  | 231       | Lin. Ft. | 6" Helical C.M.P. (Section 707.01)<br>Non-Perforated                       | 231  |         |                 |         |  |
| 518                  | 259       | Lin. Ft. | 6" Perforated Helical C.M.P. (Section 707.01) Including Specials           | 259  |         |                 |         |  |
| 518                  | 18        | Each     | Scuppers, Including Supports (Special)                                     |  |         | 18              |         |  |
| 601                  | 2,987     | Sq. Yd.  | Crushed Aggregate Slope Protection<br>(See Sheet 297 for Lighting Summary) |  |         |                 | 2,987   |  |
| 808                  | 1,280     | Units    | Water-Reducing, Set-Retarding Admixture                                    |  |         | 1,280           |         |  |
| 925                  | 5,115     | Sq. Yd.  | Concrete Surface Treatment   | 165  |         | 4,950           |         |  |
| 514                  | 1,307,300 | Pounds   | Field Painting of Structural Steel   |  |         | 1,307,300       |         |  |

H.N.T.B. BR. NO. 25 L & R

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ESTIMATED QUANTITIES

I-80 OVER LANE S-W AND LANE N-E  
BR. NO. CUY-80-1786 L & R STA. 967+05.82 TO  
STA. 970+68.65

CUYAHOGA COUNTY OHIO

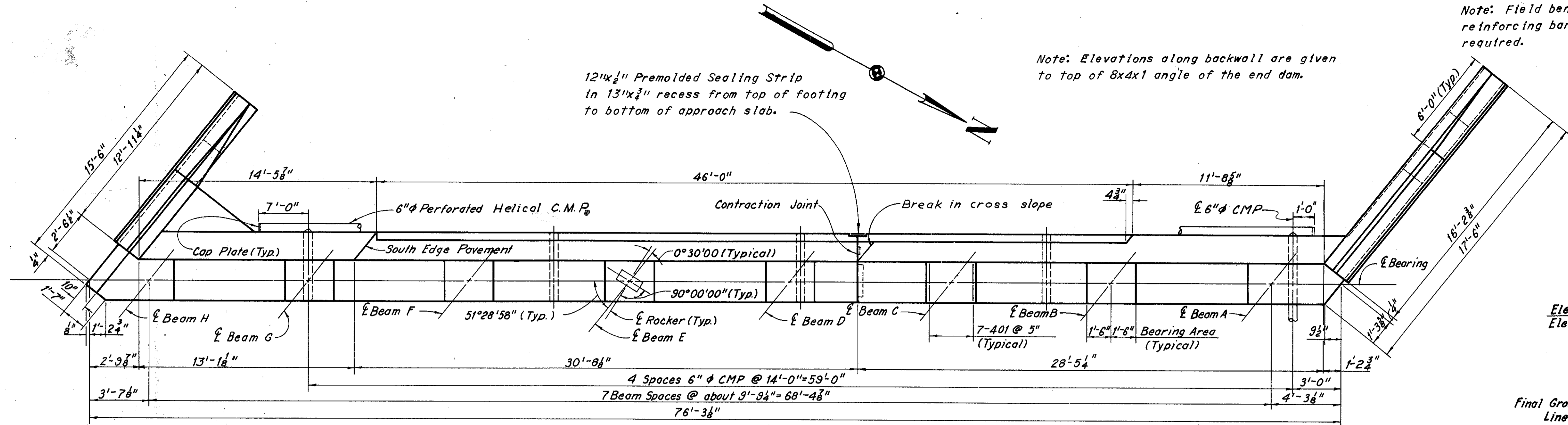
|                  |        |                    |                    |              |
|------------------|--------|--------------------|--------------------|--------------|
| DRAWN <i>CHB</i> | TRACED | CHECKED <i>CHD</i> | REVIEWED <i>WJ</i> | REVISED      |
| DATE 2-9-68      | DATE   | DATE 5-1-68        | DATE 4-68          | SHEET 2 / 16 |

CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37

Note: Field bend 519 reinforcing bars as required.

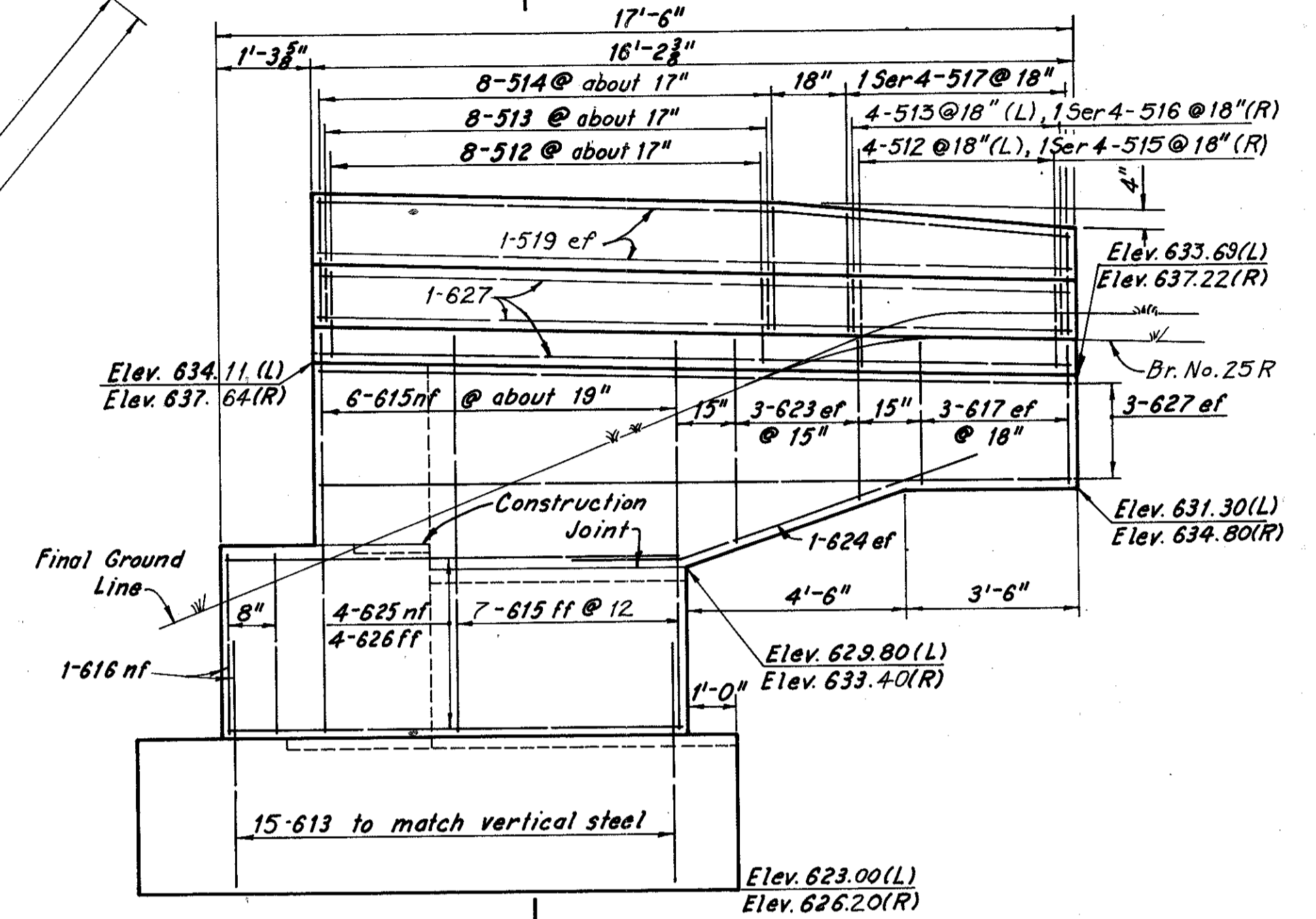
Note: Elevations along backwall are given to top of 8x4x1 angle of the end dam.

12"x1/2" Premolded Sealing Strip in 13"x3/4" recess from top of footing to bottom of approach slab.

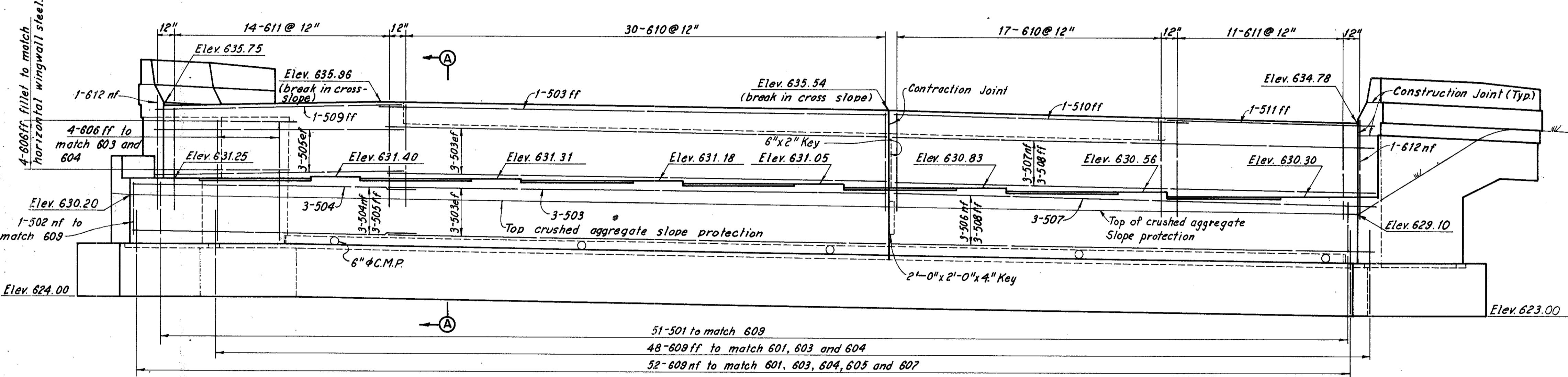


PLAN

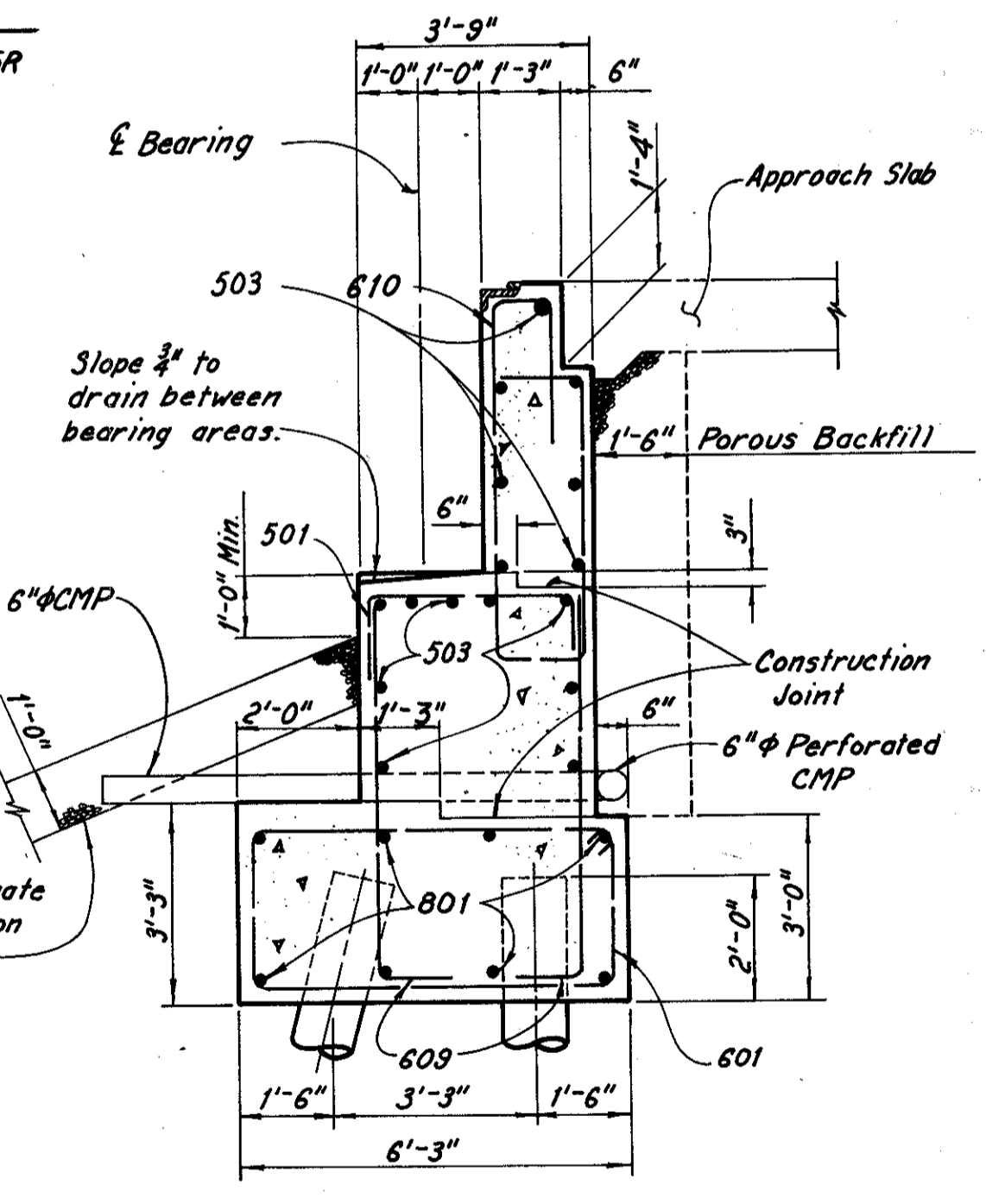
Note: All reinforcing bar marks shall be prefixed AA for the West Abutment Left Bridge.



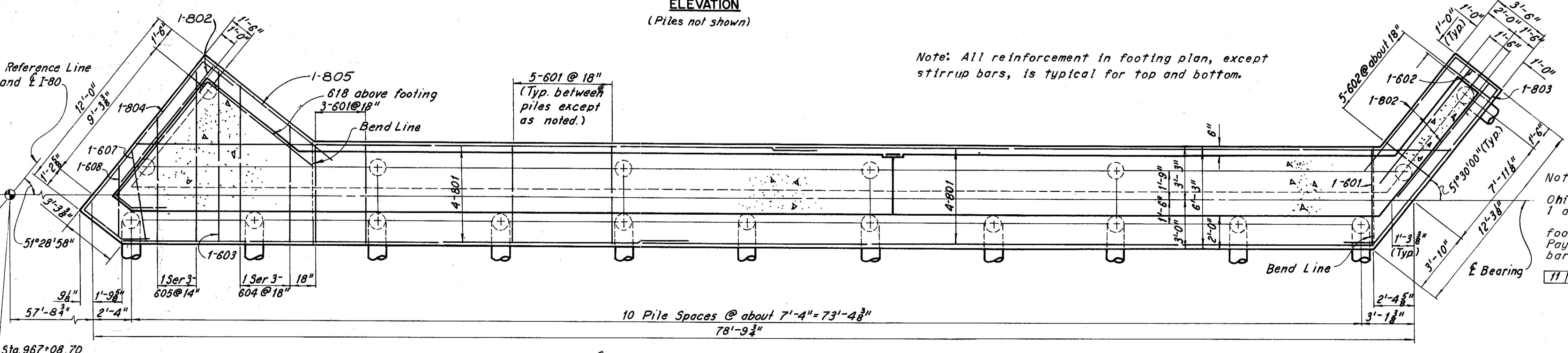
NORTH WINGWALL ELEVATION  
 (Bridge 25L shown, Bridge 25R similar except as noted)  
 Piles not shown.



ELEVATION  
 (Piles not shown)



SECTION A-A



FOOTING PLAN

Note: All reinforcement in footing plan, except stirrup bars, is typical for top and bottom.

Notes:  
 For roadway end dam details see Ohio Standard Drawing SD-1-65, sheets 1 and 2 of 3.  
 Longitudinal reinforcement in the footing shall be field bent as required. Payment for field bending reinforcing bars is included in "Item 509".  
 For curb plate details see sheet 11/15 CUY-77-0909.  
 The following abbreviations are used:  
 nf = near face  
 ff = far face  
 ef = each face  
 (L) = Left Bridge  
 (R) = Right Bridge  
 For South Wingwall Elevation and section B-B, see sheet 4/16.  
 For detail of parapet see sheet 4/16.  
 All piles are 12"  $\phi$  C.I.P. reinforced concrete.  
 All battered piles shall be inclined 3 in 12 in the direction shown except as noted.

H.N.T.B. BR. NO. 25 L&R

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**WEST ABUTMENT LEFT BRIDGE**

I-80 OVER LANE S-W AND LANE N-E

BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

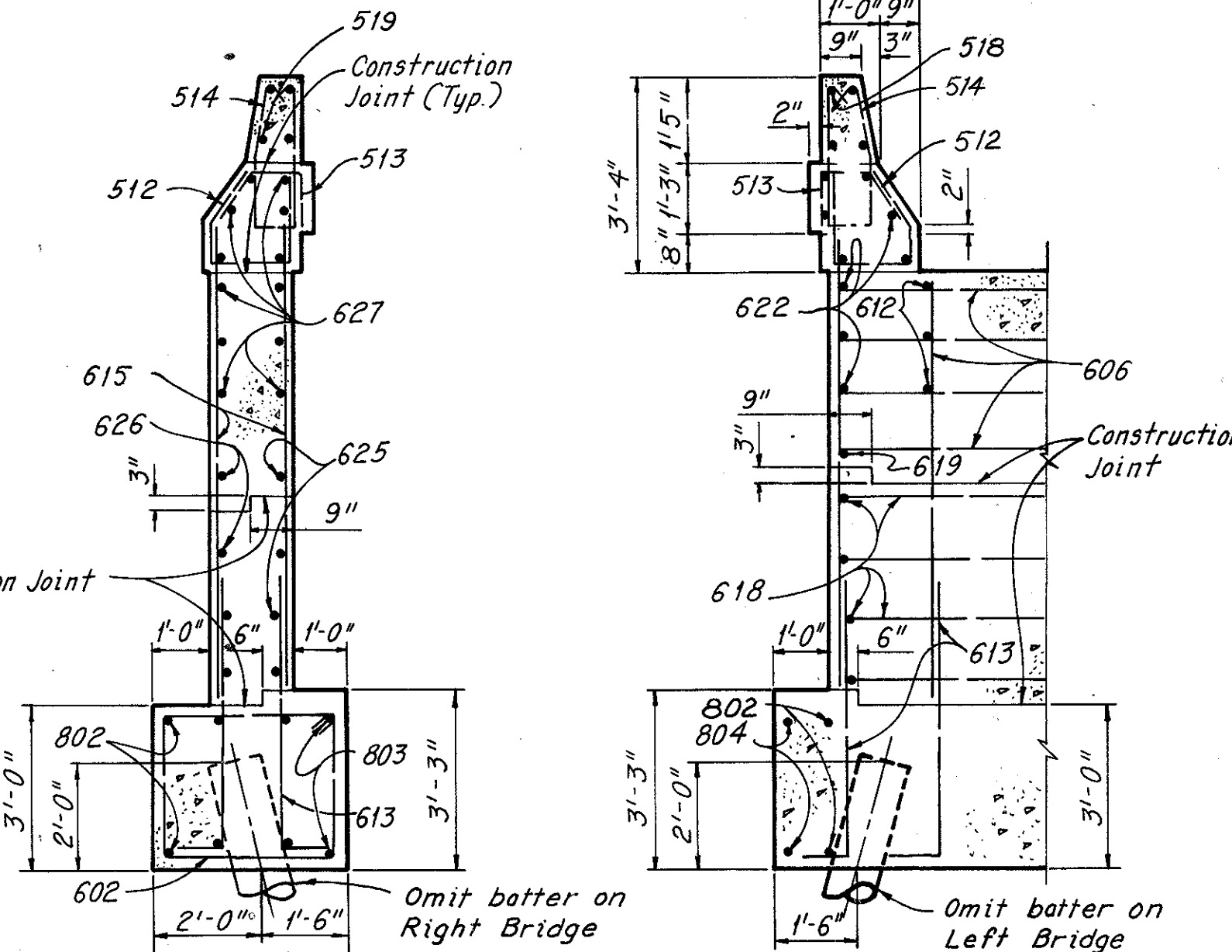
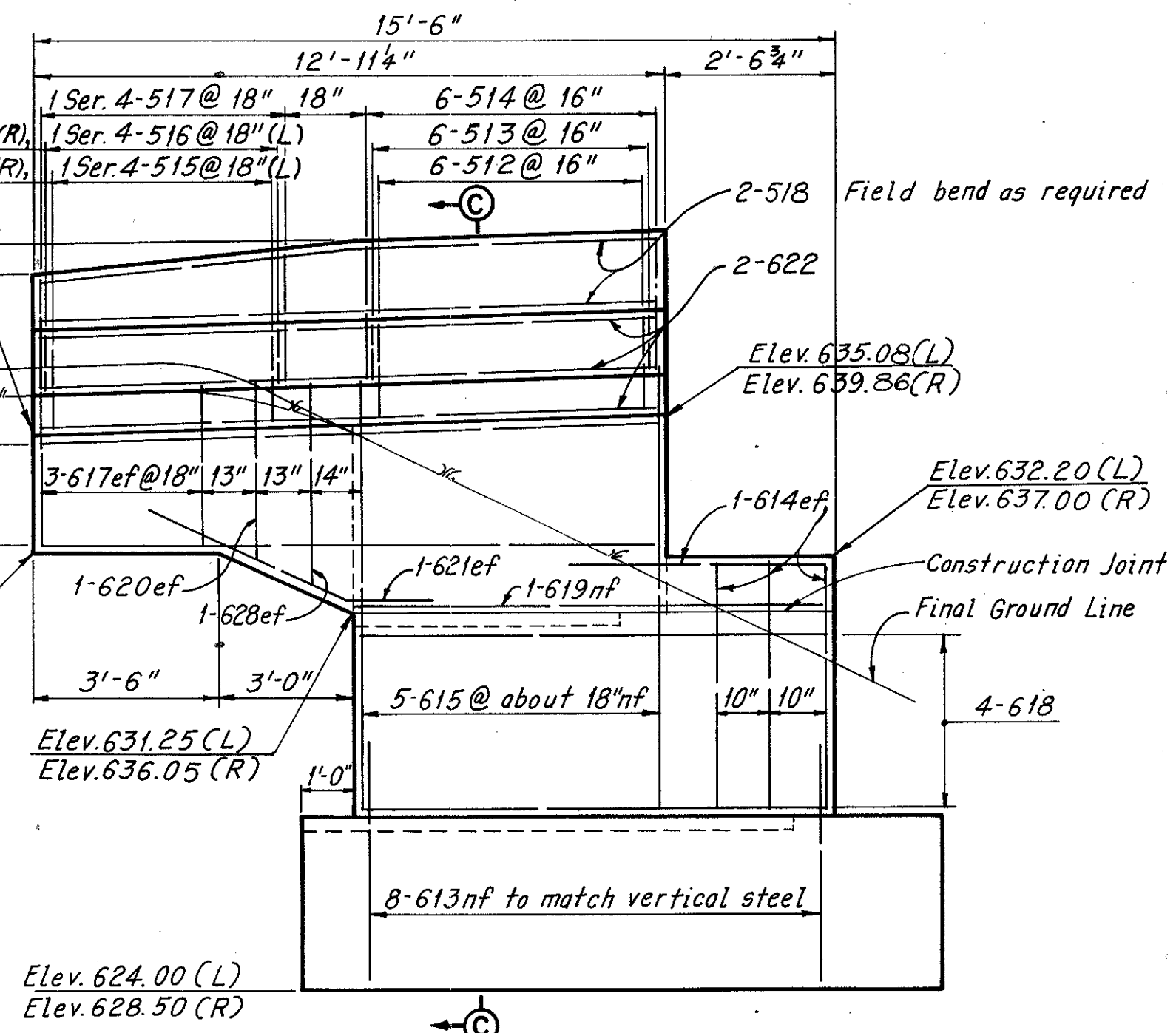
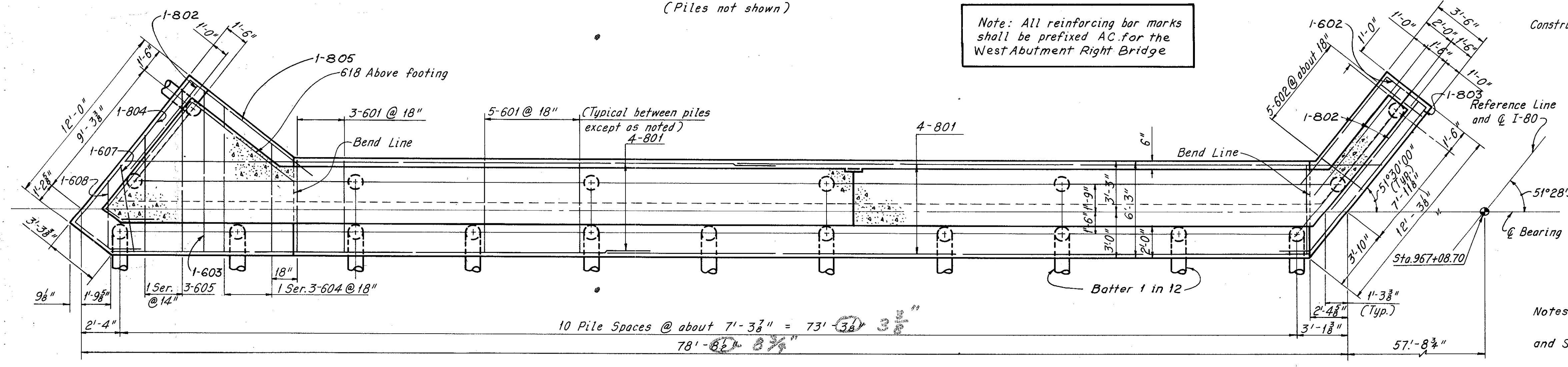
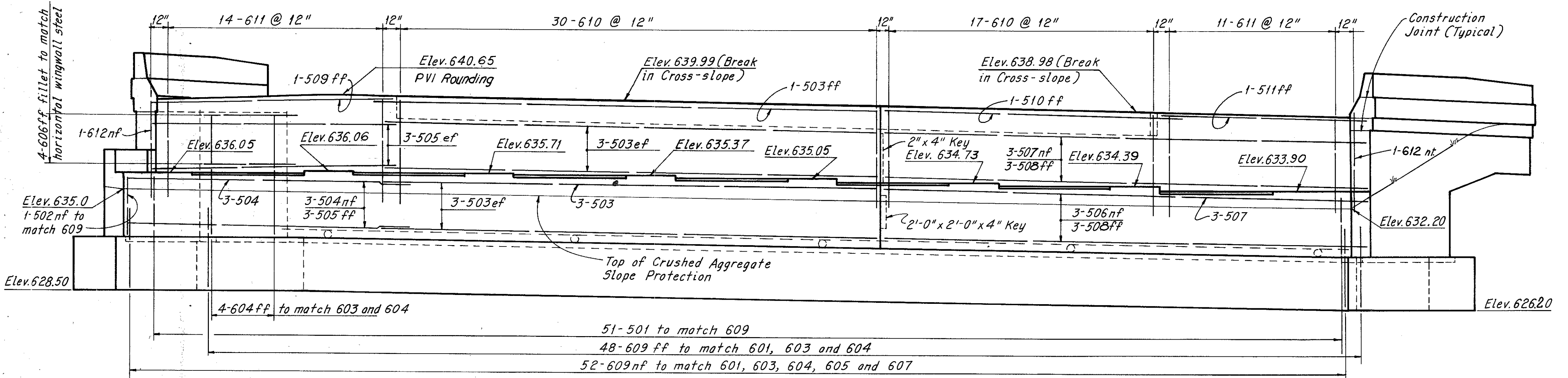
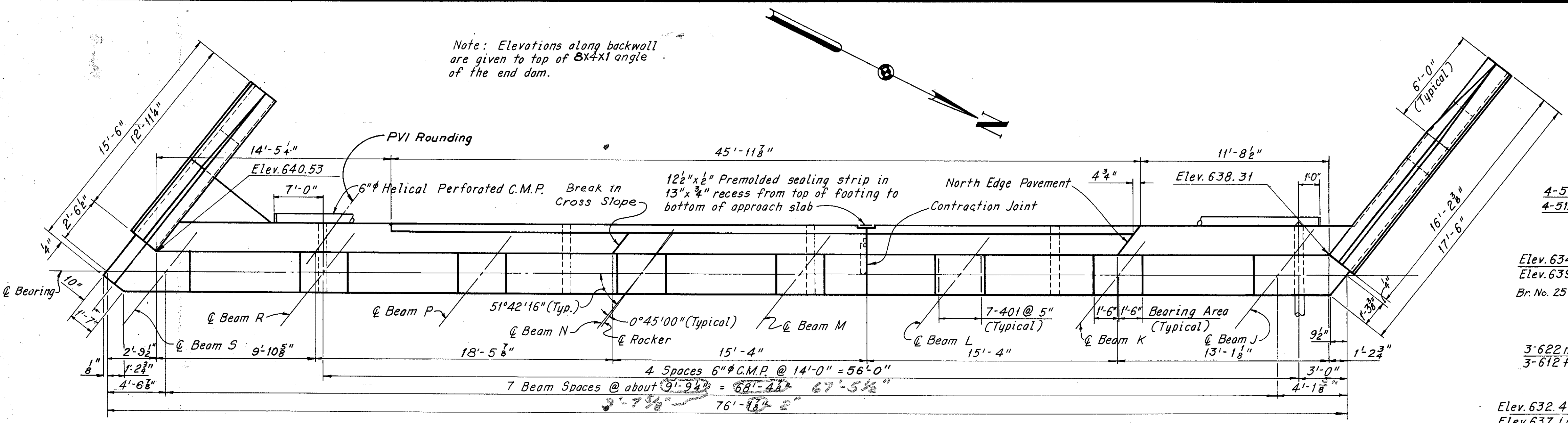
CUYAHOGA COUNTY OHIO

|              |               |              |             |         |
|--------------|---------------|--------------|-------------|---------|
| DRAWN        | TRACED        | CHECKED      | REVIEWED    | REVISED |
| JG           | DEM           | CH           | WC          |         |
| DATE 9/20/67 | DATE 10/28/67 | DATE 3/15/68 | DATE 4-4-68 |         |

SHEET 3 / 16

CUYAHOGA COUNTY  
CUY-77-8.69  
CUY-80-17.37

Note: Elevations along backwall are given to top of 8x4x1 angle of the end dam.



Note: All reinforcing bar marks shall be prefixed AC for the West Abutment Right Bridge

Notes:  
For North Wingwall Elevation and Section A-A, see Sheet 3/16  
For additional notes see Sheet 3/16

Note: All reinforcement in footing plan, except stirrup bars is typical for top and bottom.

H.N.T.B. BR. NO. 25 L&R

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KANSAS CITY CLEVELAND NEW YORK

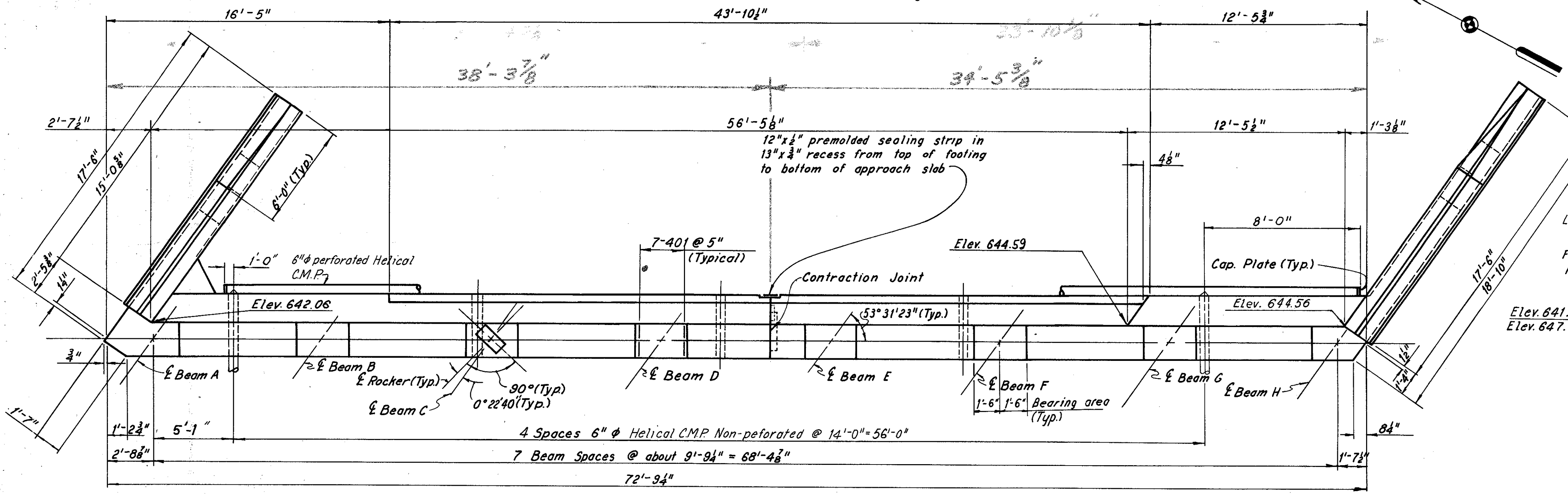
**WEST ABUTMENT RIGHT BRIDGE**  
I-80 OVER LANE S-W AND LANE N-E  
BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

CUYAHOGA COUNTY OHIO  
DRAWN L/J6 TRACED CP CHECKED/HB REVIEWED/WC REVISION 3-73-70  
DATE 9-20-67 DATE 10-28-67 DATE 3-12-68 DATE 9-4-68

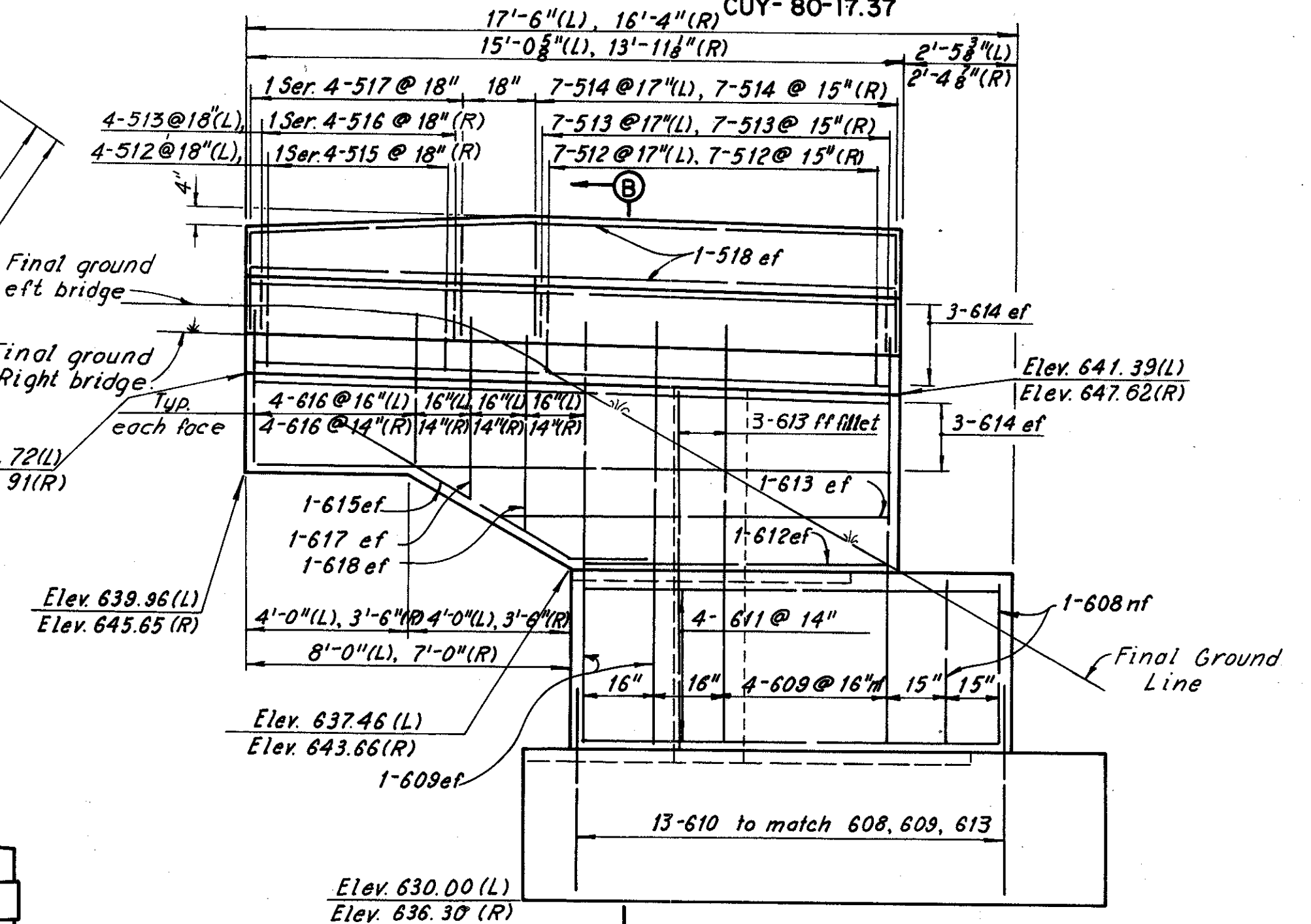
SHEET 4/16

CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37

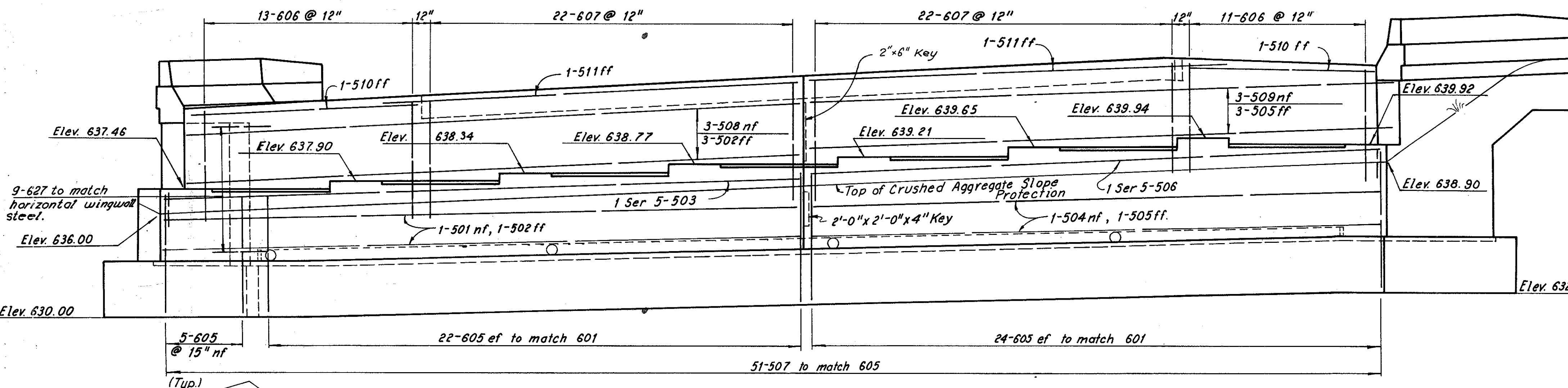
Note: Backwall elevations  
 are given to top of 8x6x1  
 angle of the end dam.



PLAN

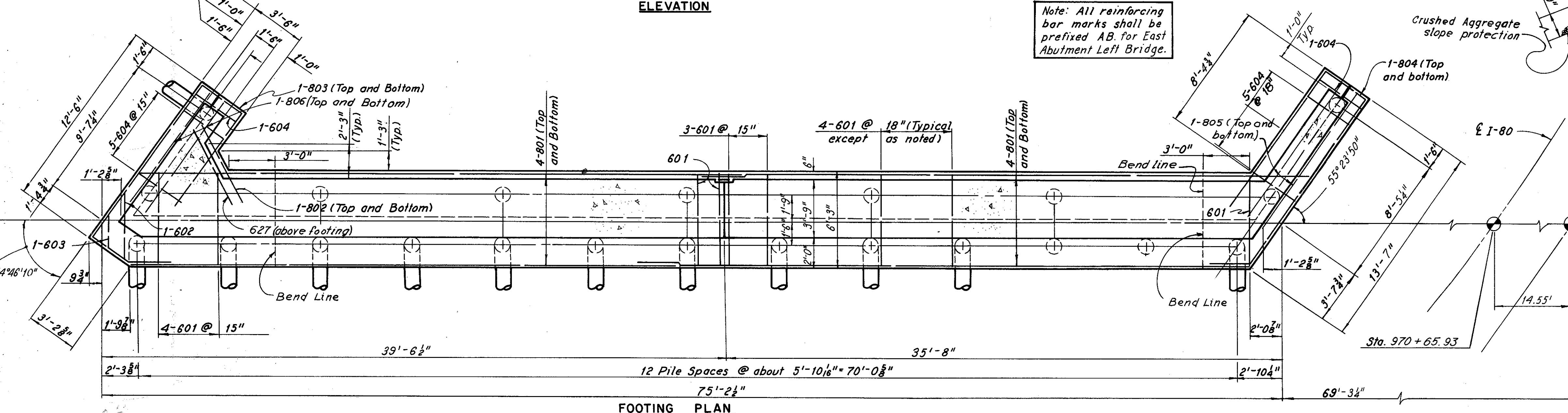


**NORTH WINGWALL ELEVATION**  
 (Bridge 25R shown, Bridge 25L similar except  
 as noted) (Piles not shown)

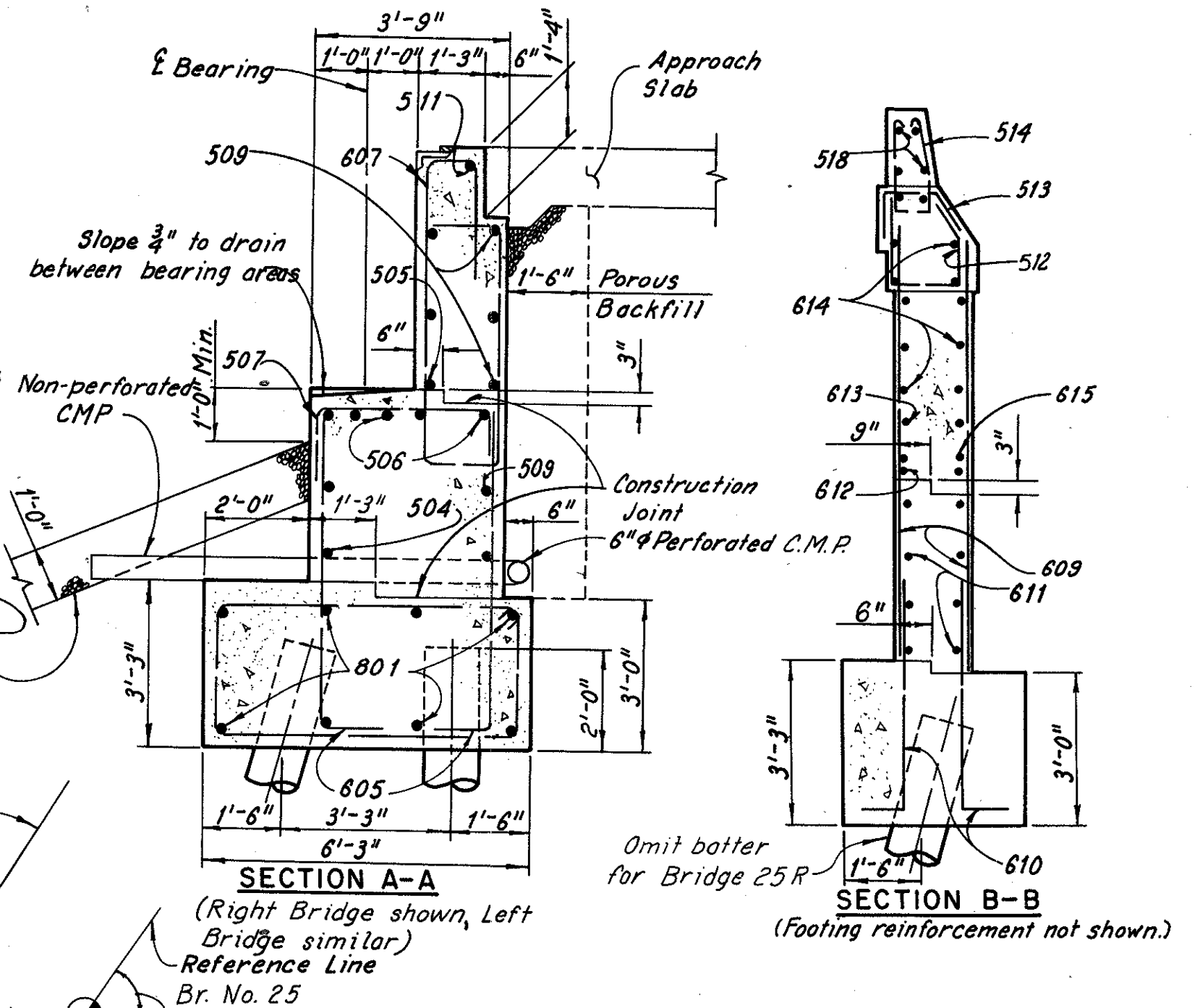


ELEVATION

Note: All reinforcing  
 bar marks shall be  
 prefixed AB for East  
 Abutment Left Bridge.



FOOTING PLAN



**SECTION A-A**  
 (Right Bridge shown, Left  
 Bridge similar)  
 Reference Line  
 Br. No. 25  
 51' 28' 58"

**SECTION B-B**  
 (Footing reinforcement not shown.)

Notes:  
 For curb and  
 parapet details see  
 Sheet 6/16  
 For additional  
 notes see Sheet 6/16

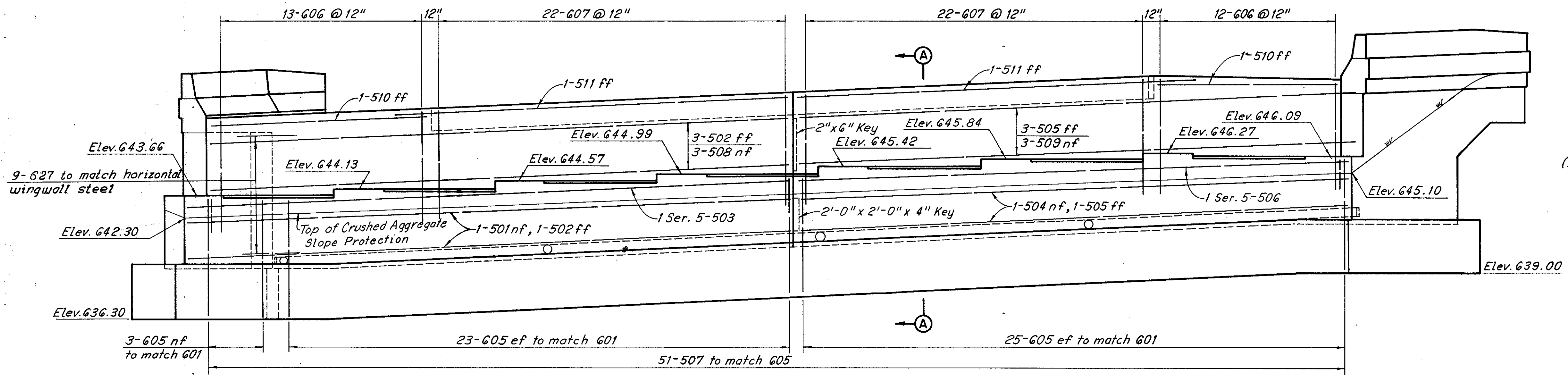
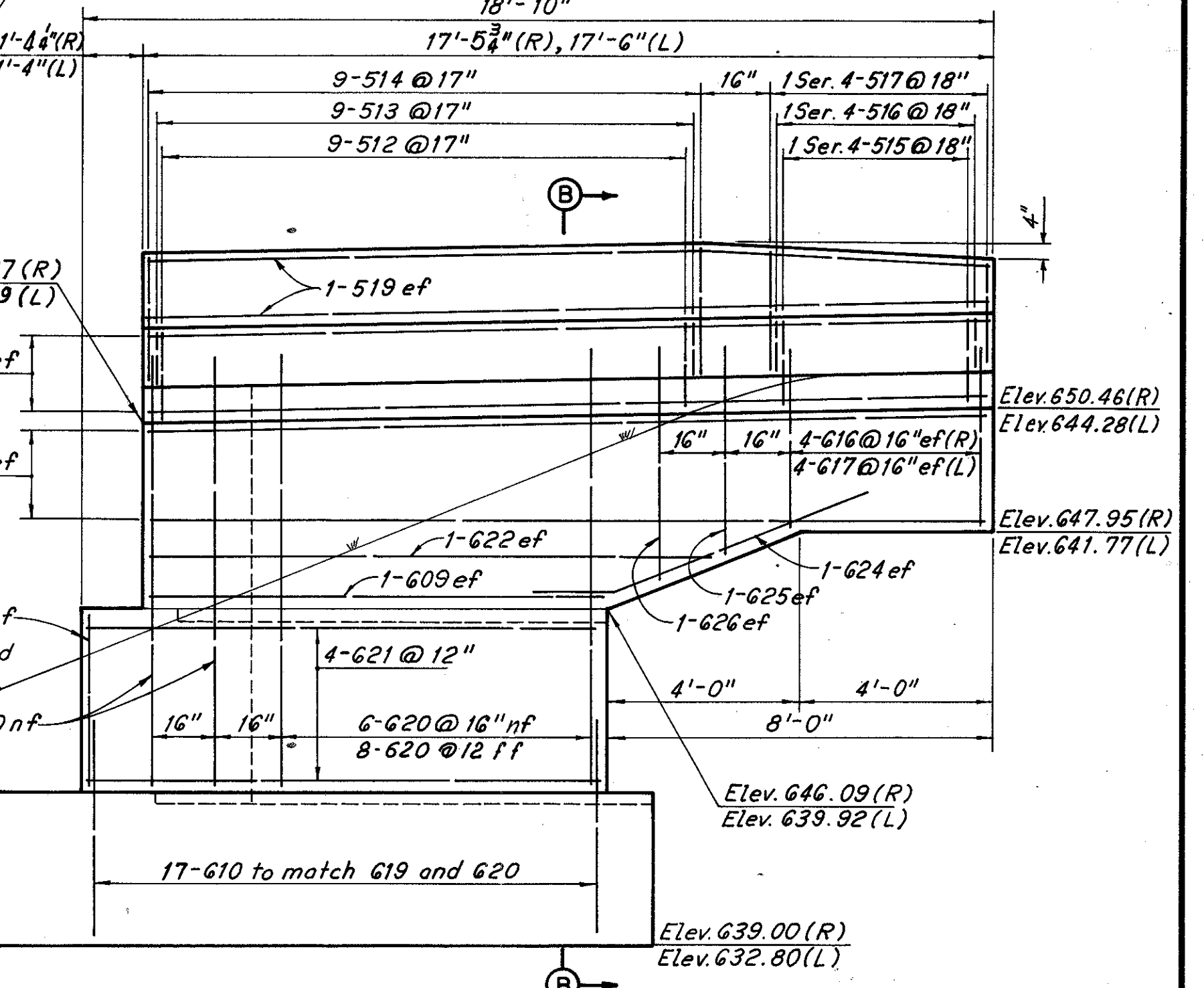
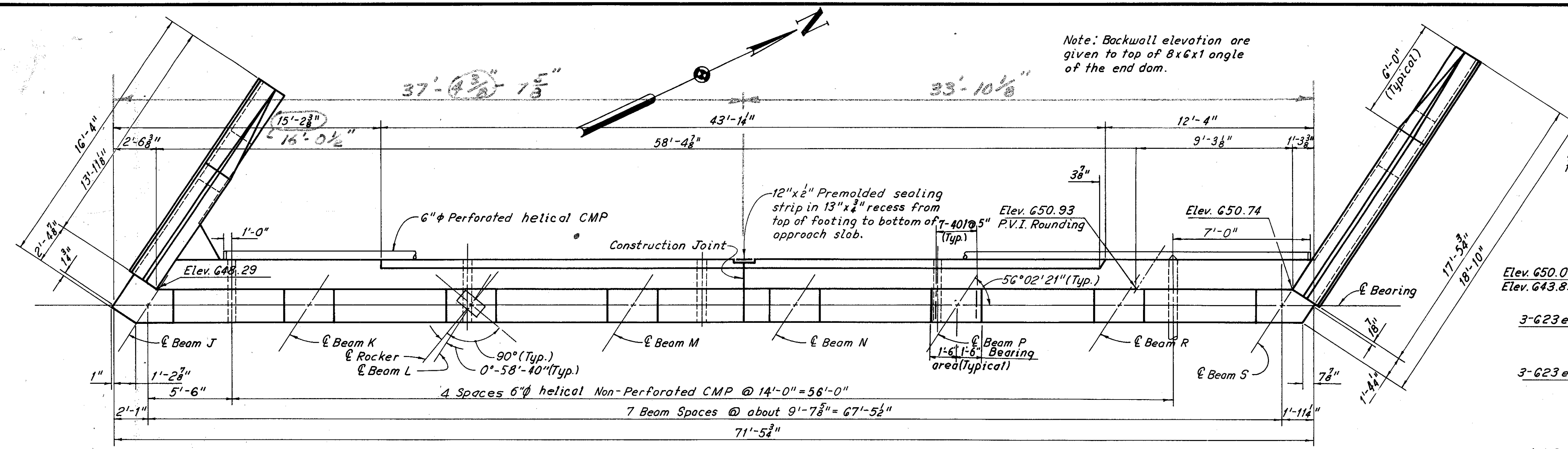
H.N.T.B. BR. NO. 25 L&R  
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**EAST ABUTMENT  
 LEFT BRIDGE**  
 I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO  
 STA. 970+68.65

|                 |               |              |              |
|-----------------|---------------|--------------|--------------|
| DATE 10/18/67   | DATE 10/27/67 | DATE 3/19/68 | DATE 7-4-68  |
| DRAWN CHD       | TRACED DLR    | CHECKED CHB  | REVIEWED WFC |
| CUYAHOGA COUNTY |               | OHIO         |              |

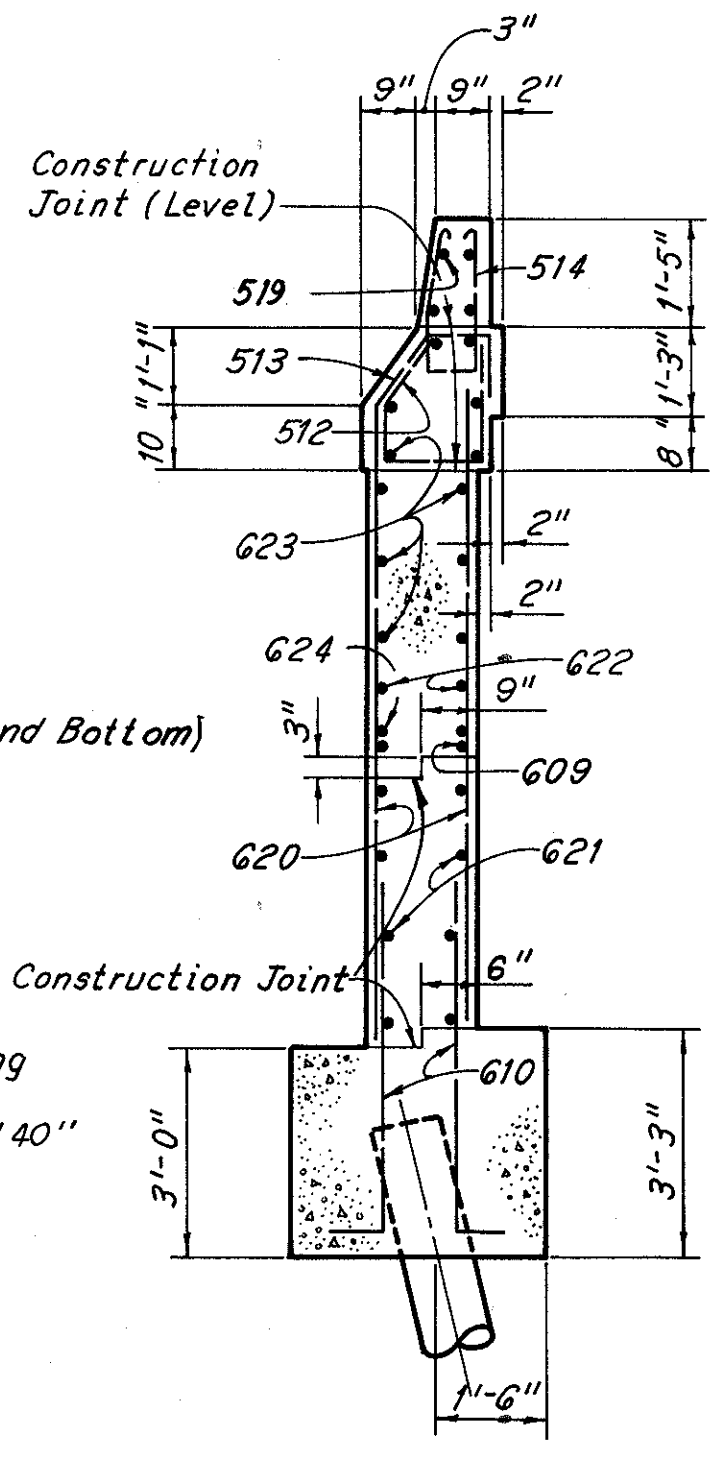
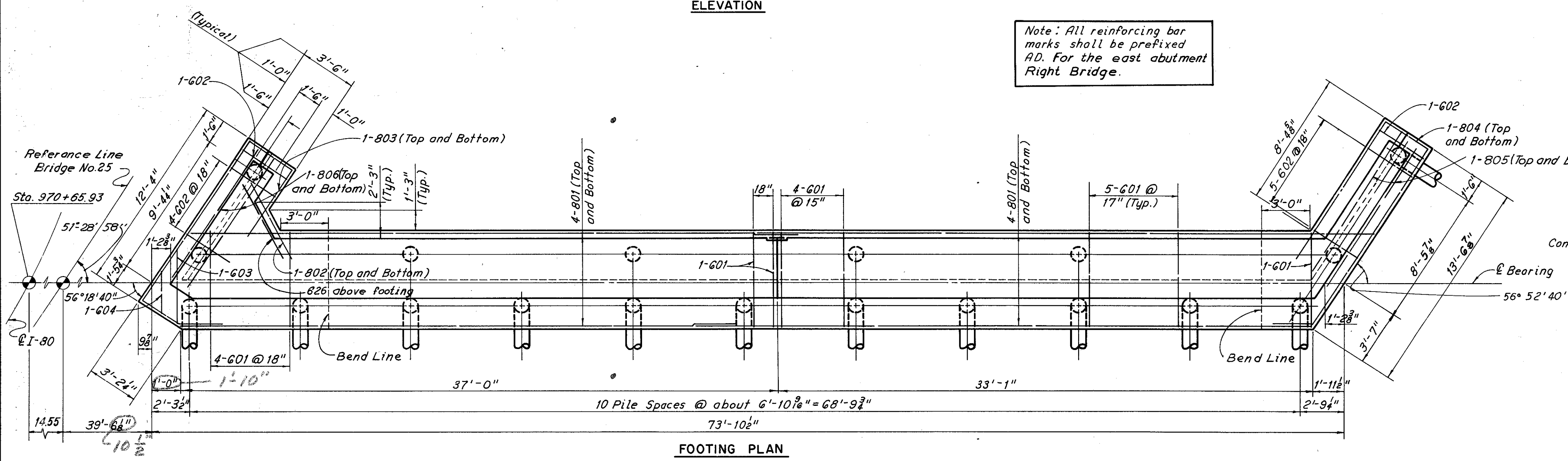
CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37

Note: Backwall elevation are given to top of 8x6x1 angle of the end dom.



Notes:  
 For roadway end dam details see Ohio Standard Drawing SD-1-65, Sheets 1 and 2 of 3.  
 11 piles are 12"  $\phi$  C.I.P. Reinforced Concrete.  
 11 battered piles are inclined 3 in 12 in the direction shown.  
 The following abbreviations are used:  
 nf = near face ef = each face  
 ff = far face  
 Longitudinal footing reinforcement shall be field bent at bend lines as required. Field bending of reinforcement shall be included in Item 509, Reinforcing Steel for payment.  
 For North Wingwall elevation see Sheet 5/16  
 For Section A-A see Sheet 5/16  
 For curb plate details see Sheet 11/15  
 CUY-77-0909.

Note: All reinforcing bar marks shall be prefixed AD. For the east abutment Right Bridge.



H.N.T.B. BR. NO. 25 L&R

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**EAST ABUTMENT  
 RIGHT BRIDGE**

I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

CUYAHOGA COUNTY OHIO

|              |               |              |             |                 |
|--------------|---------------|--------------|-------------|-----------------|
| DRAWN/CHD    | TRACED/DLR    | CHECKED/CHB  | REVIEWED/WP | REVISED/3-13-70 |
| DATE/10/1/68 | DATE/10/28/68 | DATE/3/19/68 | DATE/4-68   |                 |

SHEET 6/16

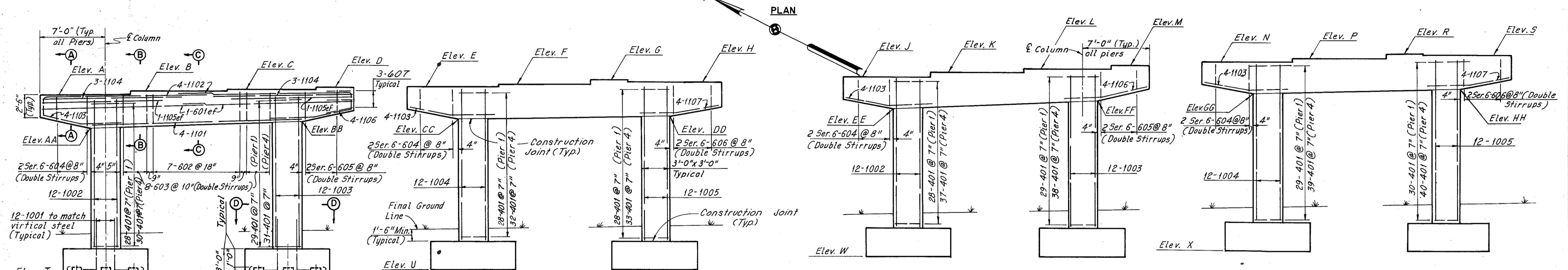
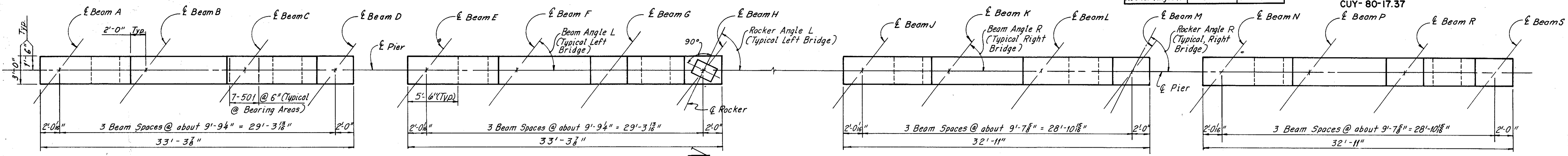
|        | A      | B      | C      | D      | E      | F      | G      | H      | J      | K      | L      | M      | N      | P      | R      | S      | T      | U      | W      | X      | AA     | BB     | CC     | DD     | EE     | FF     | GG     | HH     |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Pier 1 | 630.96 | 631.21 | 631.45 | 631.66 | 631.84 | 632.04 | 632.19 | 632.01 | 635.03 | 635.53 | 635.91 | 636.27 | 636.65 | 637.03 | 637.42 | 637.38 | 611.50 | 612.25 | 615.75 | 616.50 | 627.35 | 627.92 | 628.30 | 628.51 | 631.33 | 632.41 | 632.99 | 633.85 |
| Pier 4 | 635.15 | 635.54 | 635.93 | 636.37 | 636.81 | 637.25 | 637.63 | 637.60 | 641.41 | 641.89 | 642.33 | 642.75 | 643.18 | 643.60 | 644.03 | 643.88 | 614.50 | 615.00 | 616.75 | 617.25 | 631.48 | 632.37 | 633.12 | 634.10 | 637.71 | 638.80 | 639.52 | 640.38 |

| ROCKER AND BEAM ANGLE |                       |
|-----------------------|-----------------------|
| Pier 1                | Pier 4                |
| Beam Angle L          | 51°28'58" / 53°31'23" |
| Rocker Angle L        | 52°17'15" / 52°58'30" |
| Beam Angle R          | 51°42'16" / 56°02'21" |
| Rocker Angle R        | 53°02'00" / 54°37'00" |

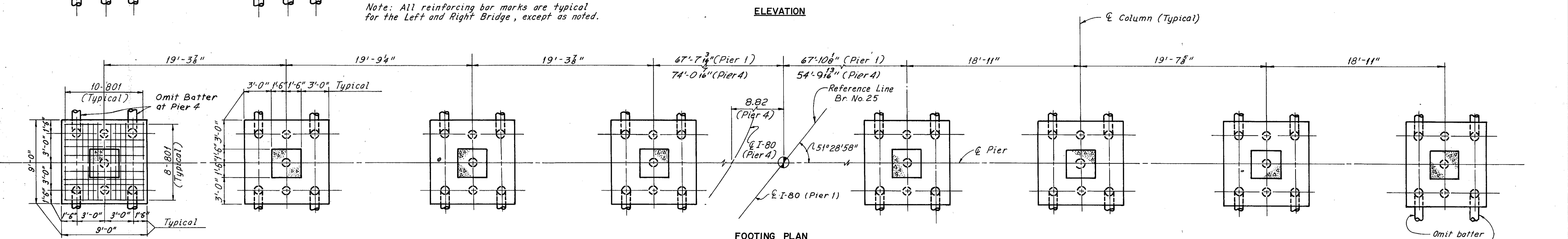
| FED. RD. DIVISION | STATE | PROJECT |
|-------------------|-------|---------|
| 2                 | OHIO  |         |

CUYAHOGA COUNTY  
 CUY - 77-8.69  
 CUY - 80-17.37

373  
 410

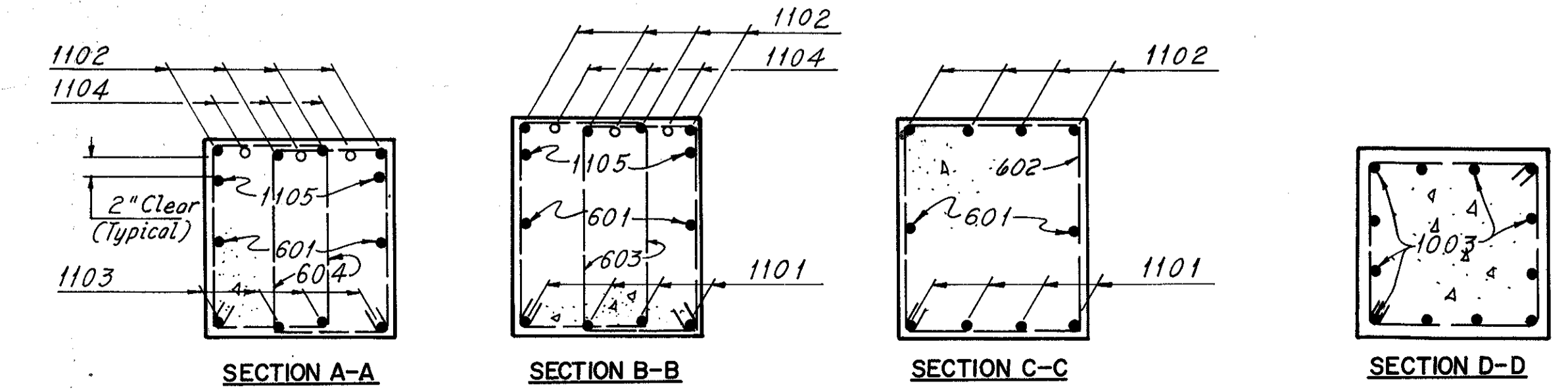


Note: All reinforcing bar marks are typical for the Left and Right Bridge, except as noted.



LEFT BRIDGE

RIGHT BRIDGE



Note: All reinforcing bar marks shall be prefixed as follows:  
 Pier 1 Left Bridge = PA  
 Pier 1 Right Bridge = PB  
 Pier 4 Left Bridge = PG  
 Pier 4 Right Bridge = PH

Notes:  
 All piles are 12" C.I.P. reinforced concrete.  
 All battered piles shall be inclined 3 in 12 in the direction shown.  
 Pile spacings are measured along the bottom of footings.  
 The following abbreviations are used:  
 ef = each face  
 (Typ.) = Typical

H.N.T.B. BR. NO. 25 L&R

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**PIER 1 AND PIER 4**

I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

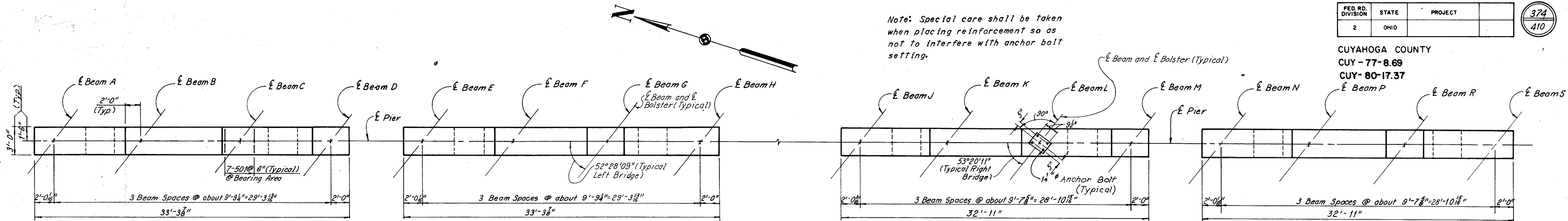
CUYAHOGA COUNTY OHIO

DRAWN/LJD TRACED/GEM CHECKED/HDP REVIEWED/WZ REVISION  
 DATE 12-4-67 DATE 12-6-67 DATE 3-6-68 DATE 9-4-68

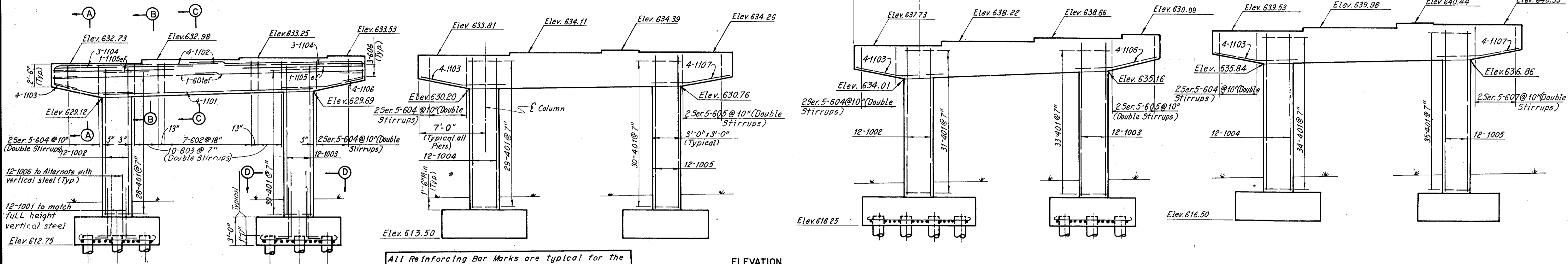
SHEET 7 / 16

CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37

Note: Special care shall be taken when placing reinforcement so as not to interfere with anchor bolt setting.

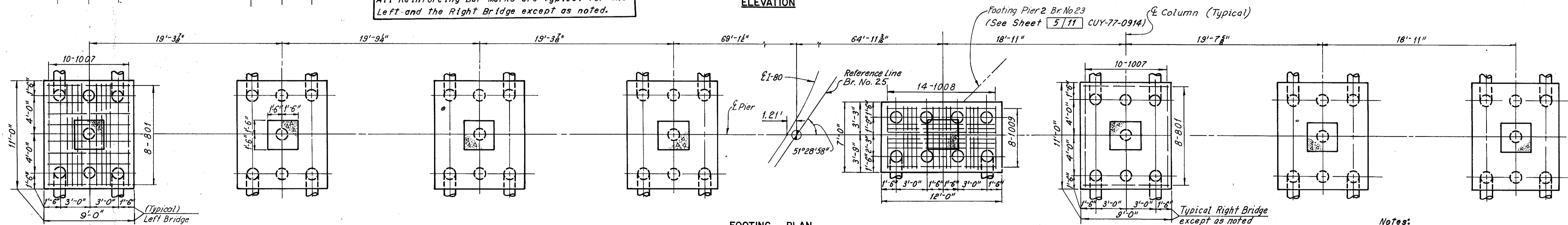


PLAN



ELEVATION

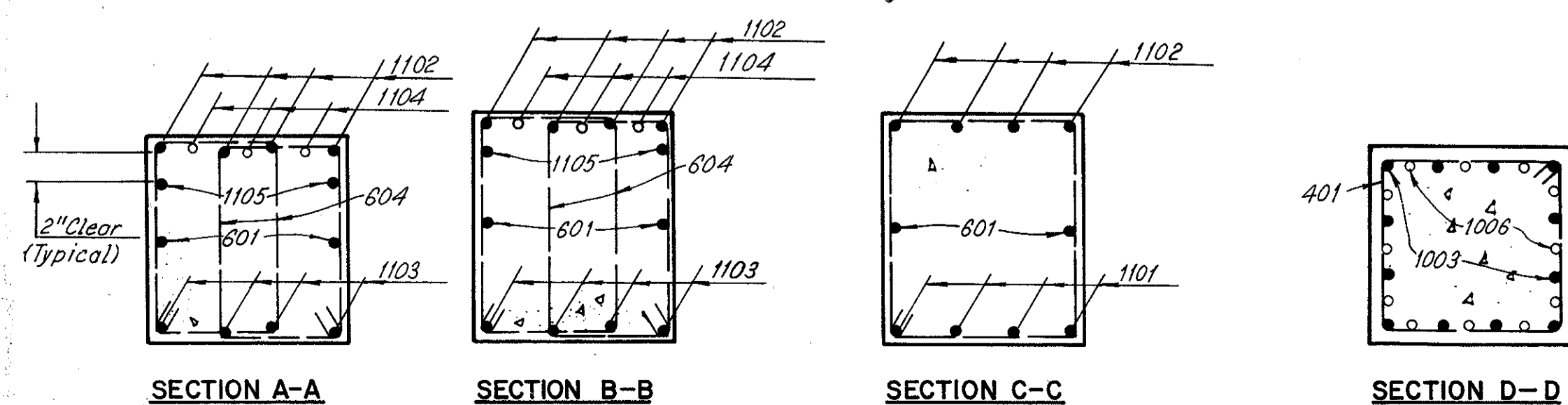
All Reinforcing Bar Marks are Typical for the Left and the Right Bridge except as noted.



FOOTING PLAN

LEFT BRIDGE

RIGHT BRIDGE



Note: All reinforcing bar marks shall be prefixed as follows:  
 Pier 2 Left Bridge = PC  
 Pier 2 Right Bridge = PD

Notes:  
 For anchor bolt details see Ohio Standard Drawing RB-1-55 revised 2-2-59.  
 For additional notes see Sheet 7/16

H.N.T.B. BR. NO. 25 L&R

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**PIER 2**  
 I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

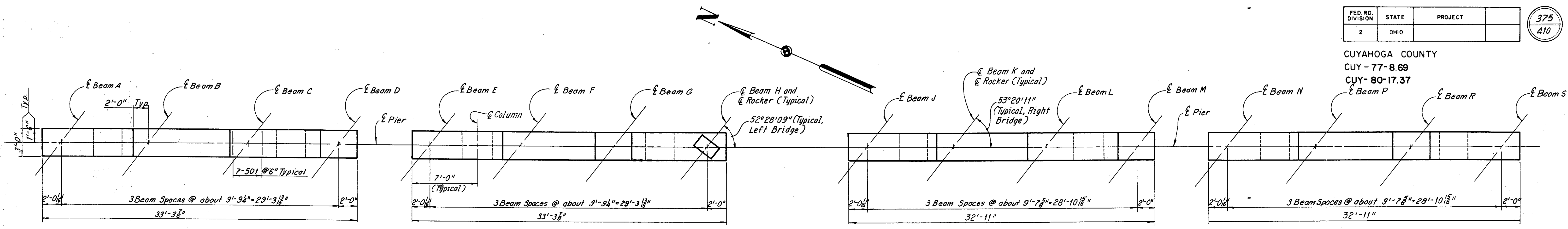
CUYAHOGA COUNTY OHIO

DRAWN LJD TRACED GEM CHECKED CHD REVIEWED WLF REVISION  
 DATE 12/14/67 DATE 12/18/67 DATE 3-6-68 DATE 4-4-68

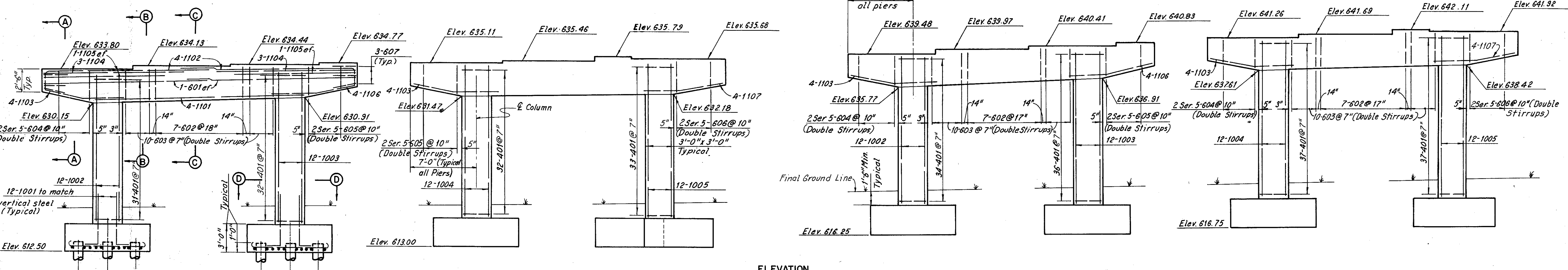
SHEET 8/16



CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37  
 Beam P Beam R Beam S

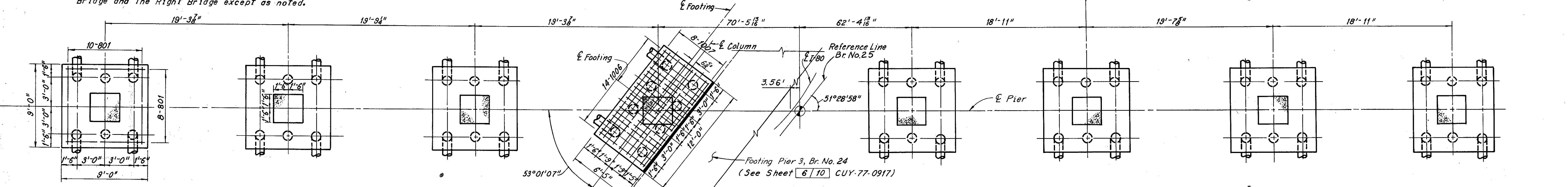


PLAN



ELEVATION

Note:  
 All Reinforcing Bar marks are Typical for the Left Bridge and the Right Bridge except as noted.

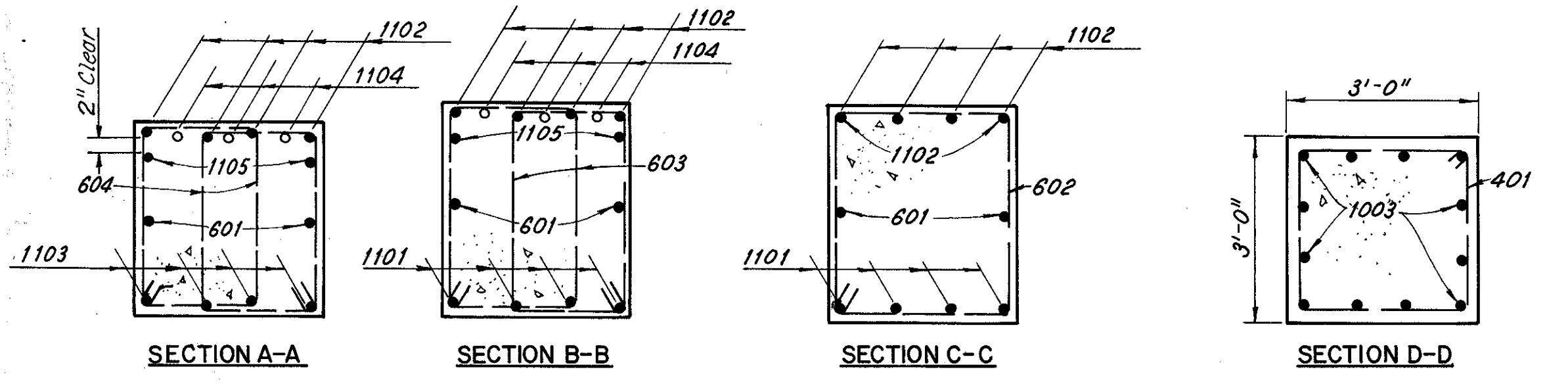


FOOTING PLAN

LEFT BRIDGE

RIGHT BRIDGE

For notes see sheet 7/16



Note:  
 All reinforcing bar marks shall be prefixed as follows:  
 Pier 3 Left Bridge = PE  
 Pier 3 Right Bridge = PF

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**PIER 3**

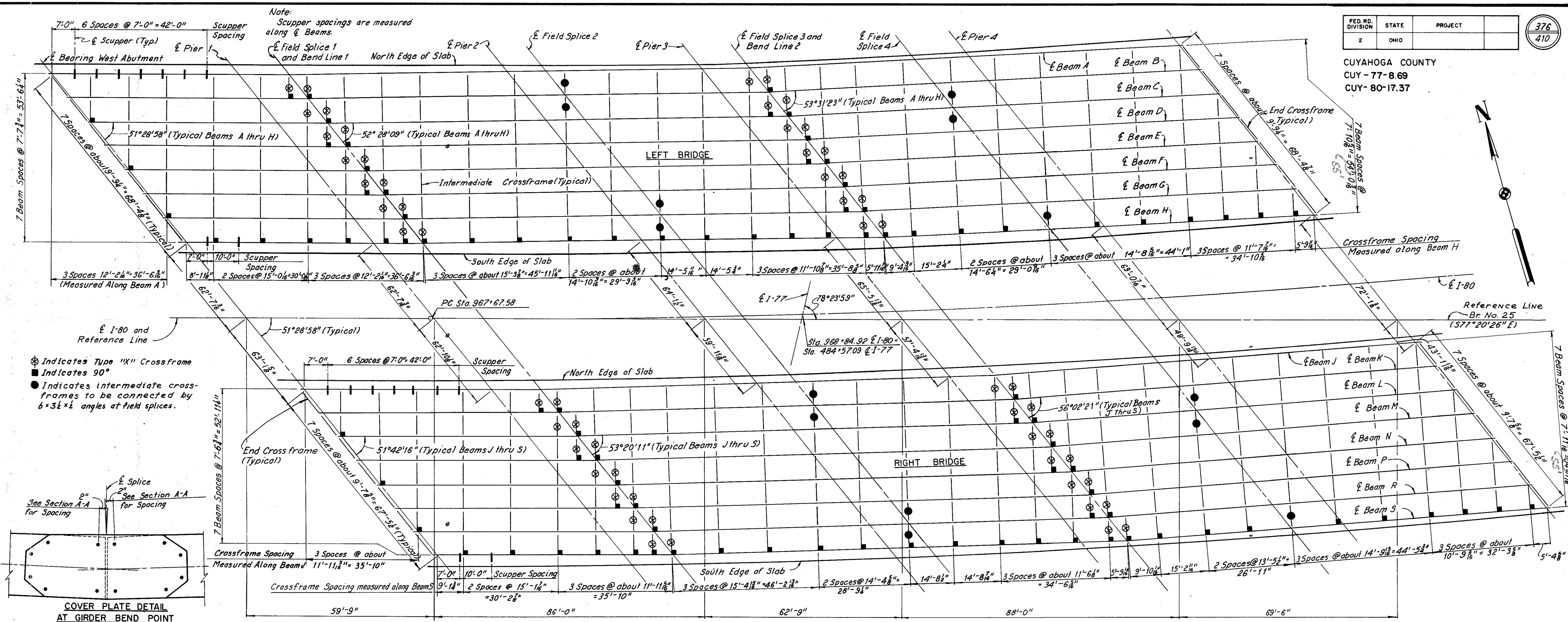
I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

CUYAHOGA COUNTY OHIO

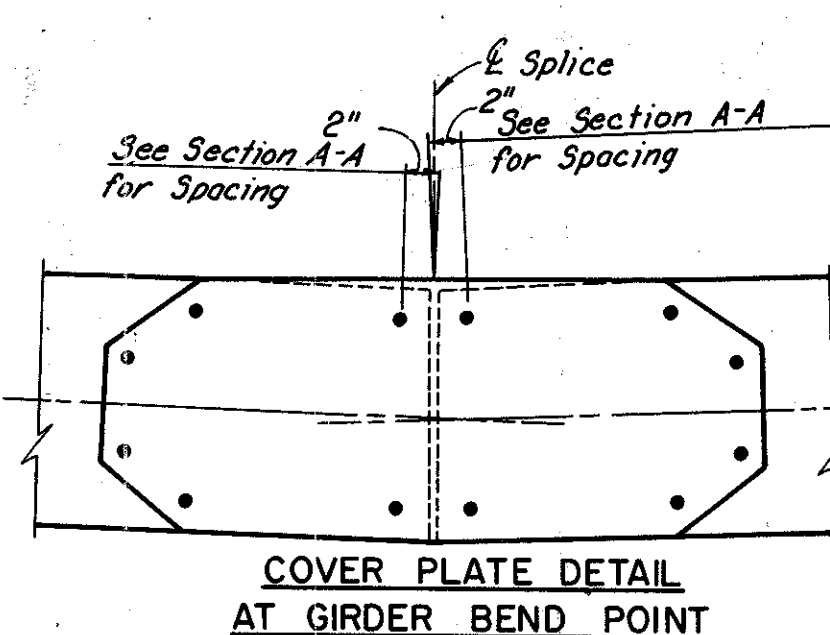
|              |               |             |             |         |
|--------------|---------------|-------------|-------------|---------|
| DRAWN/LJD    | TRACED/EM     | CHECKED/CHD | REVIEWED/W  | REVISED |
| DATE 12/1/67 | DATE 12/14/67 | DATE 3/6/68 | DATE 9-4-68 |         |

SHEET 9/16

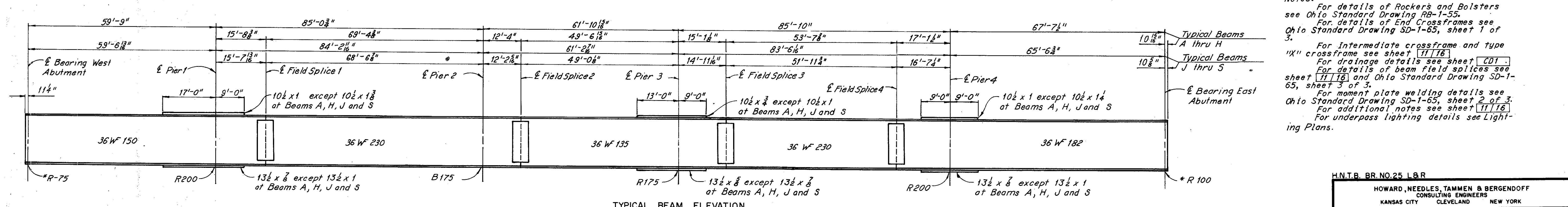
CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37



⊗ Indicates Type "X" Crossframe  
 ■ Indicates 90°  
 ● Indicates intermediate crossframes to be connected by 6x3½ x ½ angles at field splices.



FRAMING PLAN



Notes:  
 For details of Rockers and Bolsters see Ohio Standard Drawing RB-1-55.  
 For details of End Crossframes see Ohio Standard Drawing SD-1-65, sheet 1 of 3.  
 For intermediate crossframe and type "X" crossframe see sheet 11/16.  
 For drainage details see sheet CD1.  
 For details of beam field splices see sheet 11/16 and Ohio Standard Drawing SD-1-65, sheet 3 of 3.  
 For moment plate welding details see Ohio Standard Drawing SD-1-65, sheet 2 of 3.  
 For additional notes see sheet 11/16.  
 For underpass lighting details see Lighting Plans.

\*See Dowel Modification Detail on sheet 11/16

| LOCATION                       | E Brg. W. Abutment | HORIZONTAL OFFSETS TO EDGE OF SLAB |            |            |            |           |            |            |            |            |            |            |            | E Field Splice 4 | E Brg. E. Abutment |           |           |           |            |            |            |
|--------------------------------|--------------------|------------------------------------|------------|------------|------------|-----------|------------|------------|------------|------------|------------|------------|------------|------------------|--------------------|-----------|-----------|-----------|------------|------------|------------|
|                                |                    | 1                                  | 2          | 3          | 4          | 5         | 6          | 7          | 8          | 9          | 10         | 11         | 12         |                  |                    |           |           |           |            |            |            |
| E Beam A to North edge of slab | 3'-6"              | 3'-6"                              | 3'-6"      | 3'-6"      | 3'-6"      | 3'-1 1/2" | 2'-9 1/2"  | 2'-5 1/2"  | 2'-1 1/2"  | 1'-11 1/2" | 1'-10 1/2" | 1'-9 1/2"  | 1'-10 1/2" | 1'-8 1/2"        | 1'-6 1/2"          | 1'-5 1/2" | 1'-5 1/2" | 1'-6 1/2" | 1'-8 1/2"  | 1'-11 1/2" | 2'-4 1/2"  |
| E Beam H to South edge of slab | 2'-11 1/2"         | 2'-11 1/2"                         | 2'-11 1/2" | 2'-11 1/2" | 2'-11 1/2" | 3'-1 1/2" | 3'-7 1/2"  | 3'-10 1/2" | 3'-1 1/2"  | 3'-11 1/2" | 3'-10 1/2" | 3'-8 1/2"  | 3'-6 1/2"  | 3'-6 1/2"        | 3'-6 1/2"          | 3'-5 1/2" | 3'-3 1/2" | 3'-0 1/2" | 2'-7 1/2"  | 2'-1 1/2"  | 1'-6 1/2"  |
| E Beam J to North edge of slab | 3'-4 1/2"          | 3'-3 1/2"                          | 3'-3 1/2"  | 3'-4 1/2"  | 3'-6"      | 3'-2 1/2" | 2'-11 1/2" | 2'-10 1/2" | 2'-11 1/2" | 2'-11 1/2" | 2'-11 1/2" | 2'-11 1/2" | 3'-1 1/2"  | 3'-1 1/2"        | 2'-10 1/2"         | 2'-4 1/2" | 2'-4 1/2" | 2'-0 1/2" | 1'-10 1/2" | 1'-10 1/2" | 1'-10 1/2" |
| E Beam S to South edge of slab | 3'-9 1/2"          | 3'-8 1/2"                          | 3'-6 1/2"  | 3'-3 1/2"  | 2'-11 1/2" | 3'-0 1/2" | 3'-0 1/2"  | 2'-11 1/2" | 2'-9 1/2"  | 2'-6 1/2"  | 2'-2 1/2"  | 1'-10 1/2" | 1'-5 1/2"  | 1'-8 1/2"        | 1'-10 1/2"         | 2'-0 1/2" | 2'-1 1/2" | 2'-2 1/2" | 2'-2 1/2"  | 2'-0 1/2"  | 1'-9 1/2"  |

Note: The 1, 2 and 3 points are measured between the E of Abutment Bearing and Field Splice or between Field Splices. Horizontal offsets are given perpendicular to E Beam.

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FRAMING PLAN

I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO STA. 970+68.65

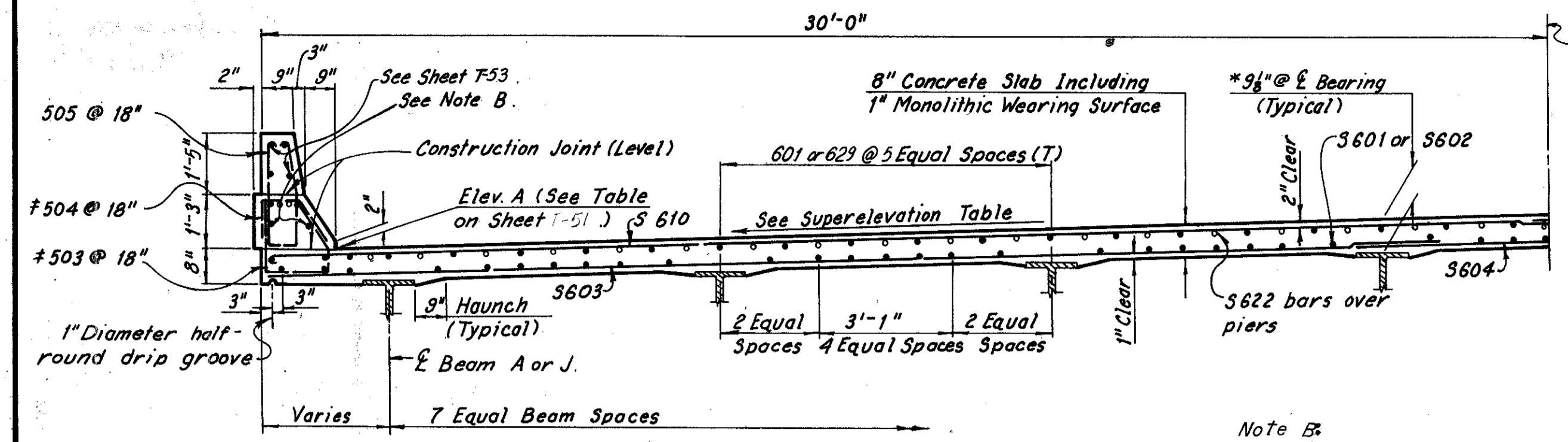
CUYAHOGA COUNTY OHIO

DRAWN LUG TRACED GEM CHECKED JEH REVIEWED WJ DATE 8-23-67 DATE 9-20-67 DATE 11-22-67 DATE 12-4-68

SHEET 10/16



CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37



Symmetrical about  
 E Bridge, except  
 as shown in  
 Detail A.

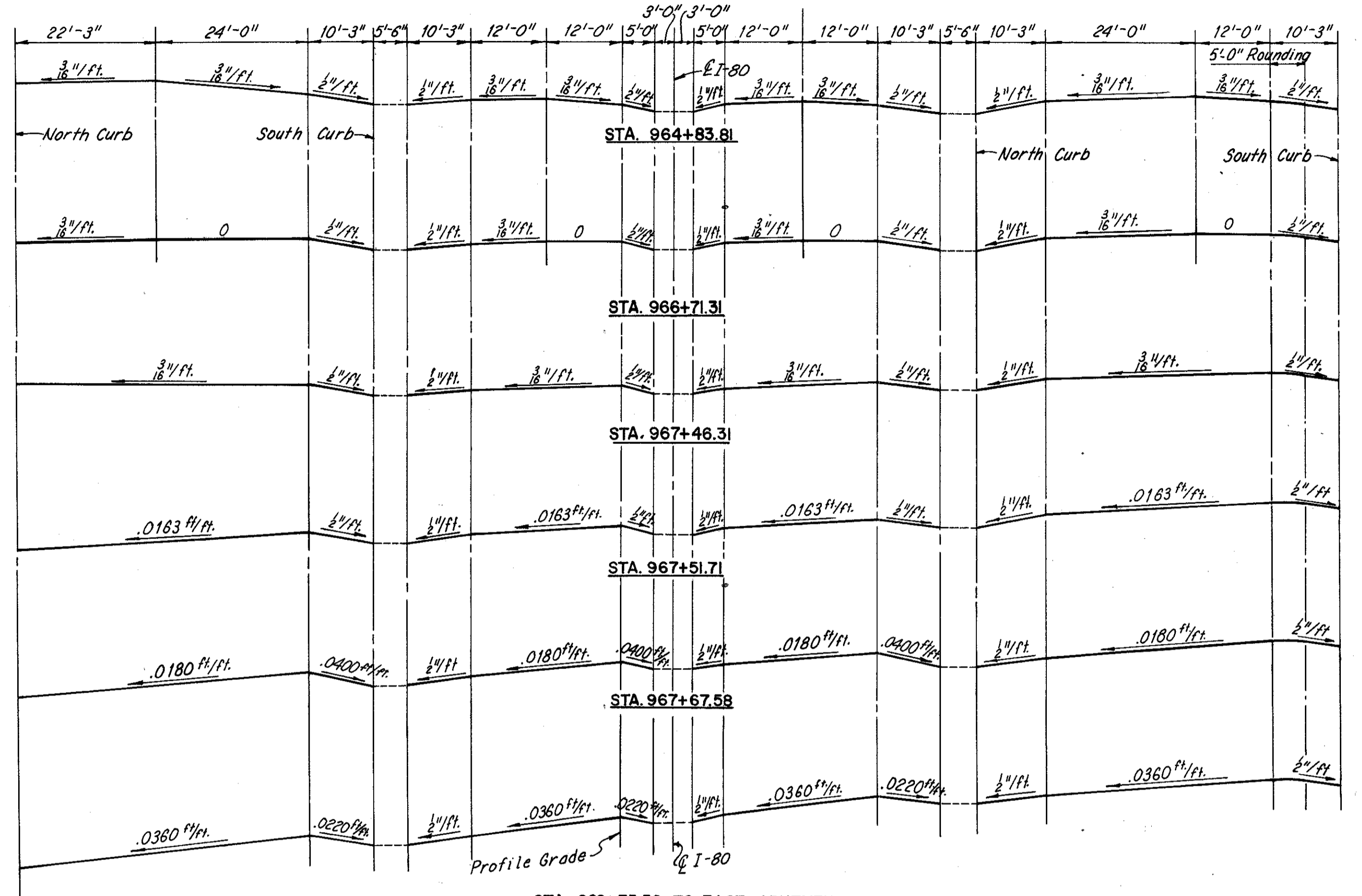
Notes: A typical haunch width of 9" shall be used for computing quantity of concrete. However, the haunch width may vary between 6" and 12" provided that the slope shall be not more than 1:4 for a haunch less than 9" in width.

\*Notes:  
 For Beams A, H, J and S this dimension is measured from extended top of pavement to top of beam.

\*See Sheet 13/16 for reinforcing bars used in notches for South Parapet on Bridge 25L and for North Parapet on Bridge 25R.

TYPICAL CROSS SECTION

Note B:  
 Left Bridge: North Curb-4 Lines of 12-LS601 and 1-LS628  
 South Curb-see Sheet 13/16  
 Right Bridge: North Curb - see Sheet 13/16  
 South Curb-4 Lines of 12-RS601 and 1-LS628.



LEFT BRIDGE

STA. 969+35.58 TO EAST ABUTMENT

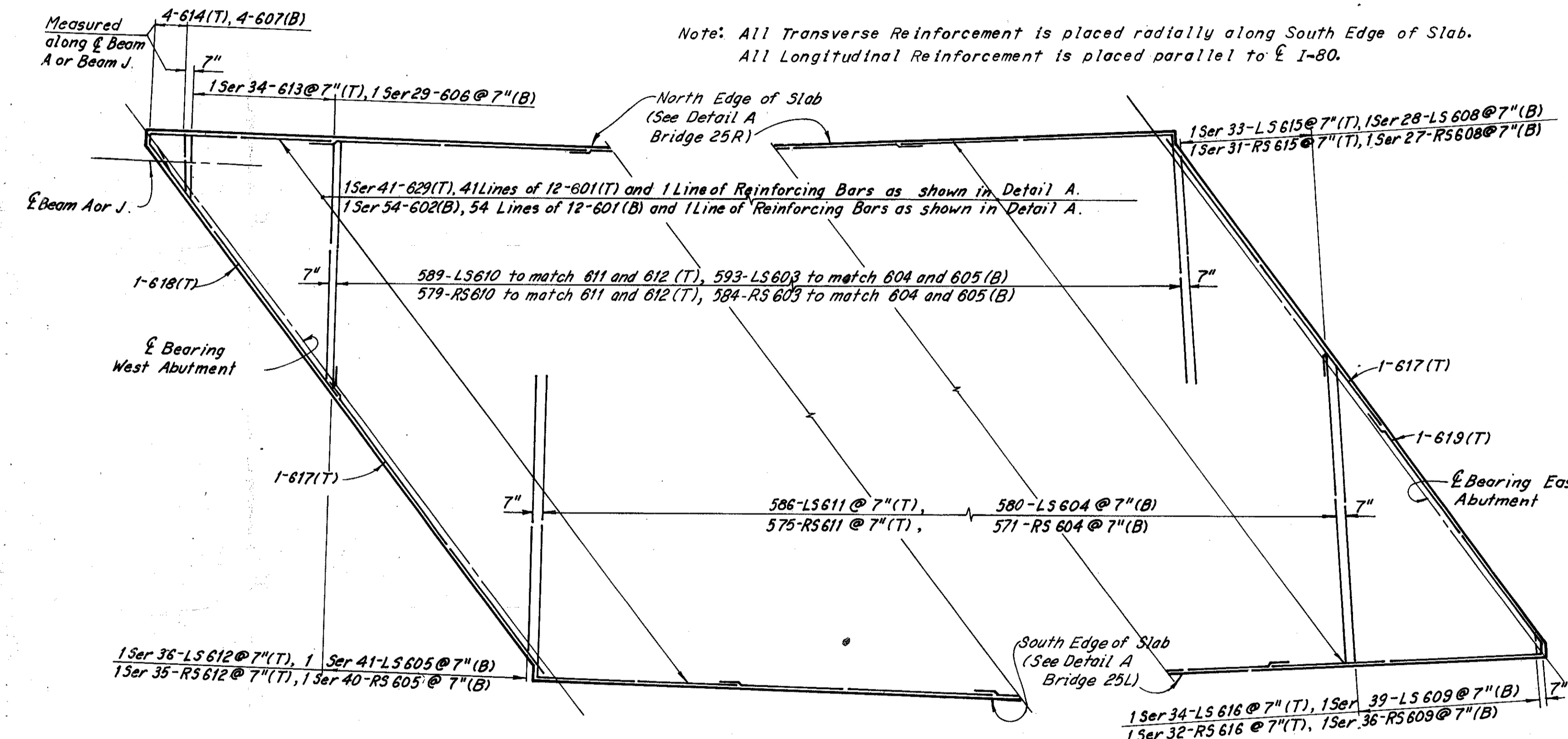
FUTURE BRIDGE

RIGHT BRIDGE

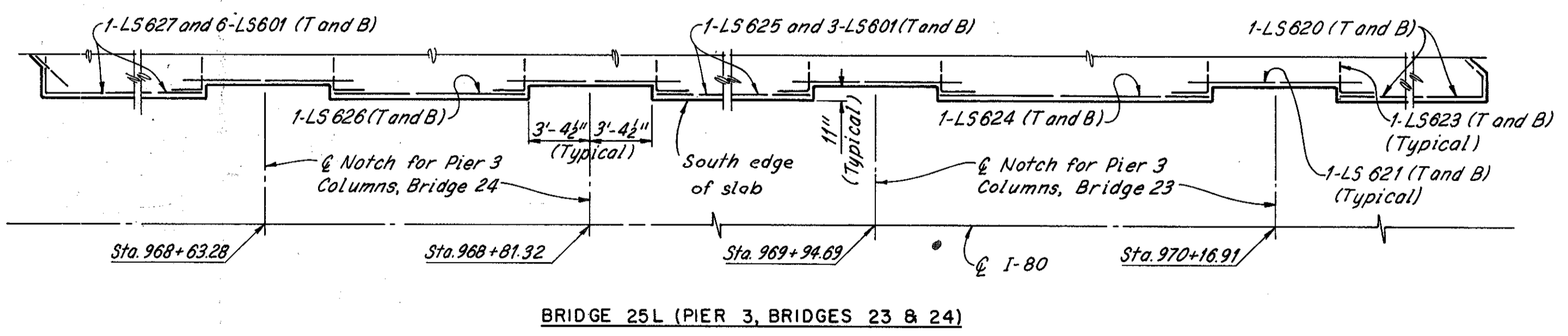
SUPERELEVATION DIAGRAM

Notes:  
 All reinforcing bar marks shall be prefixed as follows:  
 LS = Left Bridge  
 RS = Right Bridge

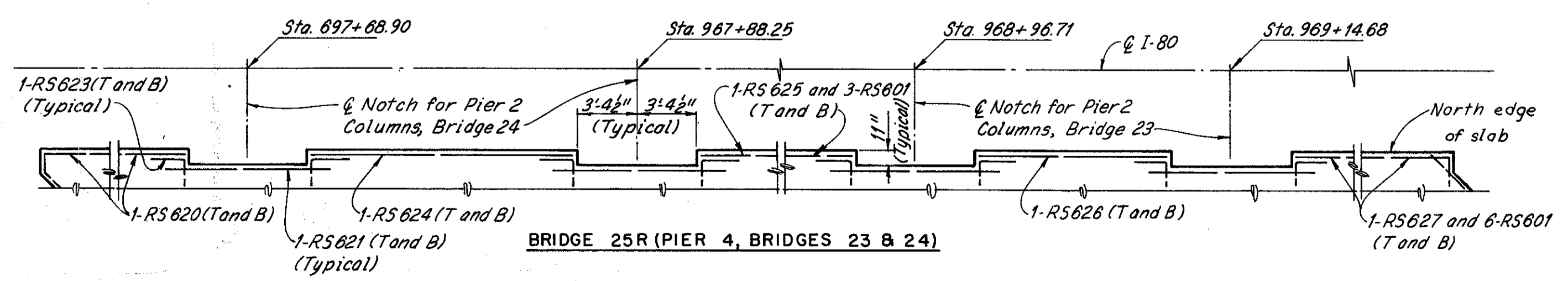
Notes:  
 For roadway end dam details, see Ohio Standard Drawing SD-1-65, Sheets 1 and 2 of 3. The dimensions given in the "Roadway End Dam Data" table under the heading CF = 2000 shall be used.  
 For Elevation A; see "Table of Pavement Elevations" on Sheet 11/16.  
 For parapet joint spacing see Sheet 13/16. The following abbreviations are used:  
 (T) = Top (B) = Bottom  
 For curb plate details see Sheet 11/15  
 CUY-77-0909.



SLAB PLAN  
 (Brs. 25R and 25L)

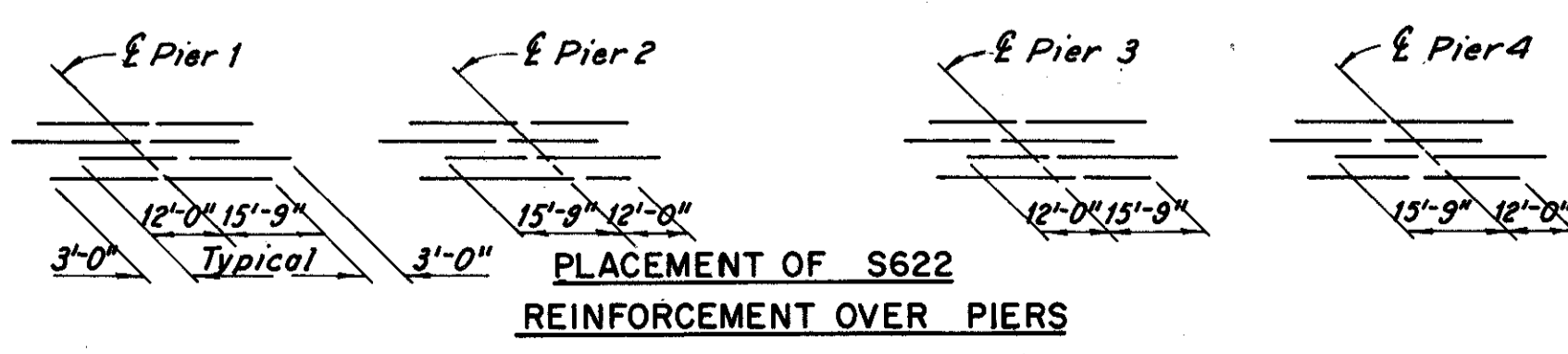


BRIDGE 25L (PIER 3, BRIDGES 23 & 24)



BRIDGE 25R (PIER 4, BRIDGES 23 & 24)

DETAIL A (DECK CUT-OUT FOR PIER COLUMNS)



REINFORCEMENT OVER PIERS

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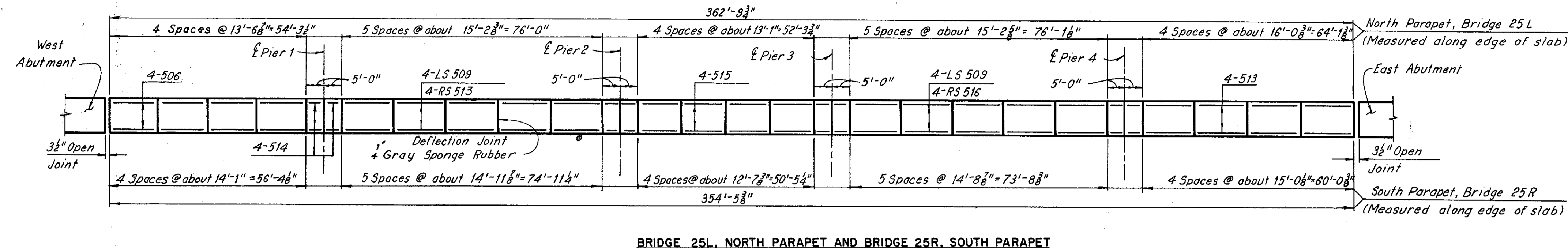
**TYPICAL CROSS SECTION  
 AND DECK REINFORCEMENT**  
 I-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.82 TO  
 STA. 970+68.65

CUYAHOGA COUNTY OHIO

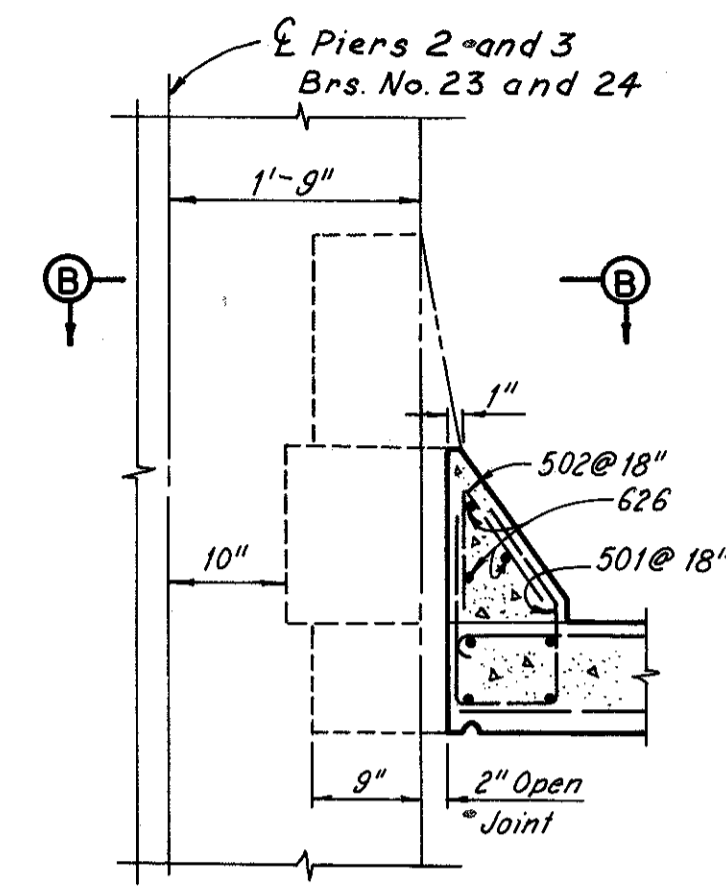
|              |              |              |              |         |
|--------------|--------------|--------------|--------------|---------|
| DRAWN L/JG   | TRACED CP    | CHECKED JEH  | REVIEWED W/P | REVISED |
| DATE 8-27-67 | DATE 8-28-67 | DATE 3-22-68 | DATE 9-2-68  |         |

SHEET 12/16

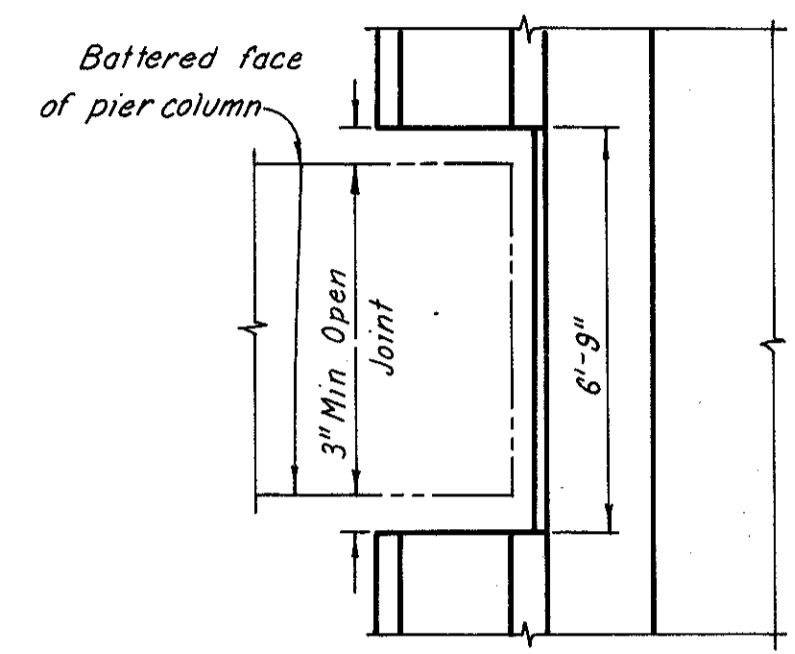
CUYAHOGA COUNTY  
 CUY-77-8.69  
 CUY-80-17.37



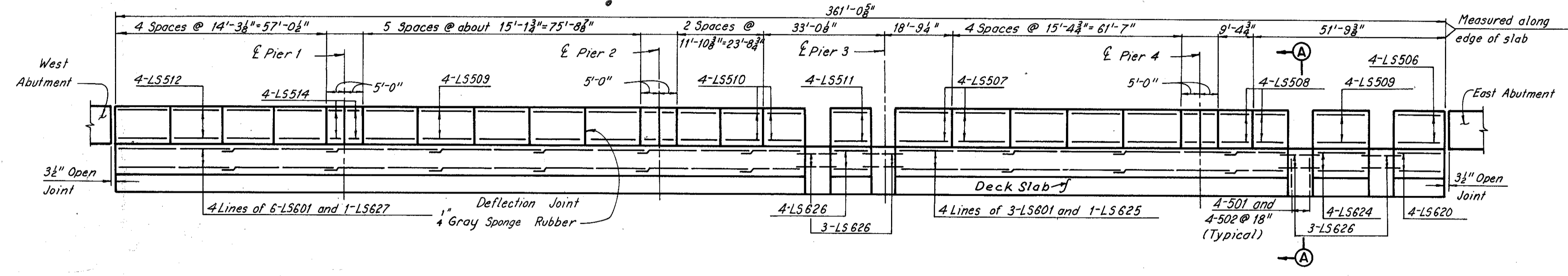
BRIDGE 25L, NORTH PARAPET AND BRIDGE 25R, SOUTH PARAPET



SECTION A-A



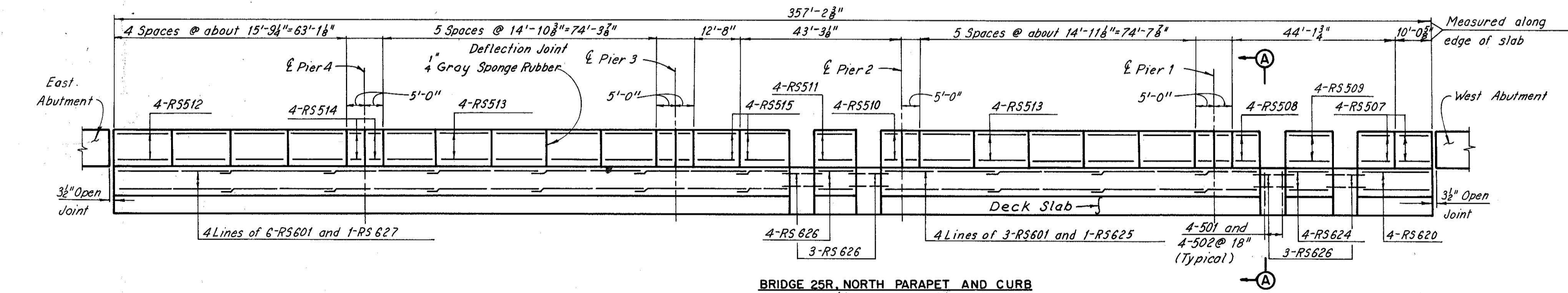
SECTION B-B



BRIDGE 25L, SOUTH PARAPET AND CURB  
 (Looking North)

Note:  
 For notch locations  
 see sheet 12/16

Note:  
 All reinforcing bar marks shall be  
 prefixed as follows:  
 LS = Left Bridge  
 RS = Right Bridge



BRIDGE 25R, NORTH PARAPET AND CURB  
 (Looking South)

Note:  
 1/4 Gray Sponge Rubber to be  
 included with Item 511 for payment.

Note:  
 All reinforcing bar marks shall be  
 prefixed as follows:  
 LS = Left Bridge  
 RS = Right Bridge

For notes see sheet 12/16

H.N.T.B. BR. NO. 25 L&R

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PARAPET DETAILS

1'-80 OVER LANE S-W AND LANE N-E  
 BR. NO. CUY-80-1786 L&R STA. 967+05.50 TO  
 STA. 970+68.95

CUYAHOGA COUNTY OHIO

|              |              |              |              |         |
|--------------|--------------|--------------|--------------|---------|
| DRAWN LJB    | TRACED CP    | CHECKED JEH  | REVIEWED WJF | REVISED |
| DATE 12-2-67 | DATE 12-3-67 | DATE 3-22-68 | DATE 4-4-68  |         |

SHEET 13/16





