

KENTUCKY DEPARTMENT OF HIGHWAYS  
SCOTT COUNTY  
LOUISVILLE-LEXINGTON-CATLETTSBURG RD.  
CANE RUN ROAD OVER I-64

| FED. ROAD DIST. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|-------|--------------------|-------------|-----------|--------------|
| 7               | KY.   |                    |             |           |              |

| REFERENCE AND ESTIMATE OF QUANTITIES |              |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
|--------------------------------------|--------------|--------------------|-------------------|------------------------|---------------------|------|------------------------------------|-----------------------------------------|------------------------------------------------|------------------------------------------|----------------------------------|-------|------------------------------------------|--------------------------------------------------|-------------------------------------------------|
| ITEM<br>LOCATION                     | SHEET<br>NO. | CONCRETE<br>CU YD. |                   | REINF.<br>STEEL<br>LB. | STR. EXC.<br>CU YD. |      | END<br>BENT<br>BACKFILL<br>CU. YD. | HIGH<br>STRENGTH<br>HANDRAIL<br>LIN FT. | CRUSHED<br>AGGREGATE<br>SLOPE PROT.<br>SQ. YD. | STRUCTURAL<br>STEEL<br>LUMP SUM<br>BID ① | 12 BP 53 STEEL PILES<br>LIN. FT. |       | SHEAR<br>CONNECTORS<br>LUMP SUM<br>BID ② | STYRENE -<br>BUTADIENE<br>PROT. COAT.<br>GALLONS | LINSEED OIL<br>PROTECTIVE<br>COATING<br>SQ. YD. |
|                                      |              | CL. A              | CL. AA<br>ITEM II |                        | COM                 | S.R. |                                    |                                         |                                                |                                          | FURNISH                          | DRIVE |                                          |                                                  |                                                 |
| NOTES AND QUANTITIES                 | 142          |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
| LAYOUT                               | 3            |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
| SOUNDINGS                            | 4            |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
| PILE RECORD                          | 5            |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
| END BENT 1                           | 6,749        | 31.1               | 25.2              | 7,469                  | 130                 |      | 70                                 |                                         | 255                                            |                                          | 300                              | 300   |                                          | 1                                                |                                                 |
| PIER 1                               | 849          | 52.8               |                   | 8,784                  | 130                 | 10   |                                    |                                         |                                                |                                          |                                  |       |                                          | 2                                                |                                                 |
| PIER 2                               | 849          | 54.3               |                   | 10,588                 | 115                 | 20   |                                    |                                         |                                                |                                          |                                  |       |                                          | 2                                                |                                                 |
| PIER 3                               | 849          | 51.7               |                   | 8,709                  | 115                 | 15   |                                    |                                         |                                                |                                          |                                  |       |                                          | 2                                                |                                                 |
| END BENT 2                           | 6,749        | 36.0               | 25.0              | 7,469                  | 130                 |      | 70                                 |                                         | 265                                            |                                          | 200                              | 200   |                                          | 1                                                |                                                 |
| SUPERSTRUCTURE                       | 10-19        |                    | 363.3             | 82,300                 |                     |      |                                    | 752.0                                   |                                                | ①                                        |                                  |       | ②                                        | 15                                               | 1086                                            |
| ELEVATIONS                           | 10           |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
|                                      |              |                    |                   |                        |                     |      |                                    |                                         |                                                |                                          |                                  |       |                                          |                                                  |                                                 |
| SUPERSTRUCTURE TOTALS                |              |                    | 363.3             | 82,300                 |                     |      |                                    | 752.0                                   |                                                | ①                                        |                                  |       | ②                                        | 15                                               | 1086                                            |
| SUBSTRUCTURE TOTALS                  |              | 230.9              | 50.2              | 43,019                 | 620                 | 45   | 140                                |                                         | 520                                            |                                          | 500                              | 500   |                                          | 8                                                |                                                 |
| TOTALS                               |              | 230.9              | 413.5             | 125,319                | 620                 | 45   | 140                                | 752.0                                   | 520                                            | ①                                        | 500                              | 500   | ②                                        | 23                                               | 1086                                            |

- ① Approximate Weight of Structural Steel is 247,700 lbs.  
② Approximate Weight of Stud Shear Connectors is 1200 lbs.

| BILL OF INCIDENTAL MATERIAL |     |                               |
|-----------------------------|-----|-------------------------------|
| ITEM                        | NO. | SIZE & LOCATION               |
| Joint Sealing Compound      | 2   | 1" x 3/4" x 35' 6" @ Exp. Dam |
| 1 Bolt Insert Assembly      | 4   | Ends of Piers                 |
|                             |     |                               |
|                             |     |                               |
|                             |     |                               |
|                             |     |                               |
|                             |     |                               |
|                             |     |                               |

STANDARD DRAWINGS

Standard Drawings listed below are the current edition and are to be used with these plans.  
H117D, H150B, P212 A, SF2 B, AE1D, 17.40A, AWS 2A

SPECIAL PROVISIONS

- \*30-B Membrane Curing of Concrete Structure.  
\*38-B Class 'AA' Concrete.  
\*77-B Styrene-Butadiene Protective Coating.  
\*12 Joint Sealing Compound.  
\*8-A Linseed Oil Protective Coating  
\*79 Concrete Bridge Deck Finishing Machine  
\*80A Blast Cleaning and Painting Structural Steel

PLANS BY: ODELL, WRIGHT, MORGAN & BROWN, INC.

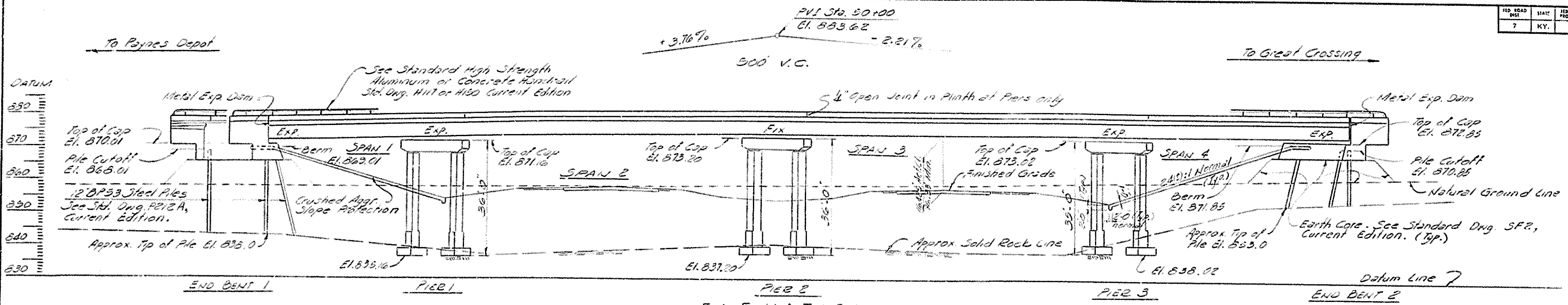
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| DESIGNED BY | DATE | APPROVED BY | DATE |
| REVIEWED BY | DATE | REVIEWED BY | DATE |
| TRACED BY   | DATE | TRACED BY   | DATE |

CANE RUN ROAD OVER I-64 SHEET 1 OF 16

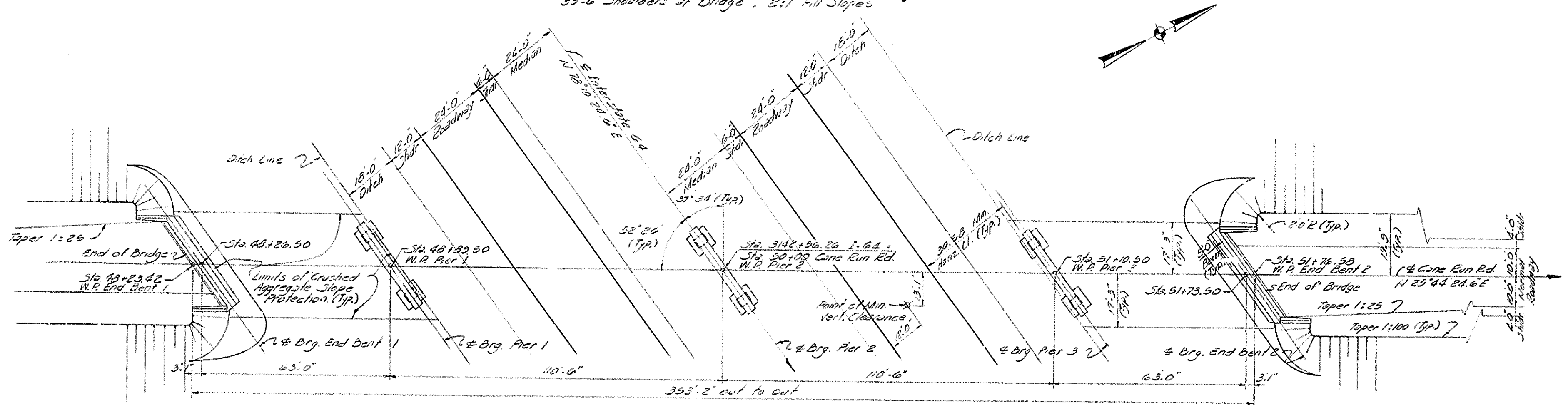
|                                   |                         |
|-----------------------------------|-------------------------|
| COMMONWEALTH OF KENTUCKY          |                         |
| DEPARTMENT OF HIGHWAYS            |                         |
| FRANKFORT                         |                         |
| COUNTY OF                         |                         |
| SCOTT                             |                         |
| LOUISVILLE-LEXINGTON-CATLETTSBURG |                         |
| 3142-56.26 I-64 ROAD              | I 64-4109.56            |
| STATION 50+00.00 CANE RUN RD.     | PROJECT NO. SP105-64-1L |
| BRIDGE NUMBER                     | INDEX                   |
|                                   | 17615                   |



| FED. ROAD DIST. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|-------|--------------------|-------------|-----------|--------------|
| 7               | KY.   |                    |             |           |              |

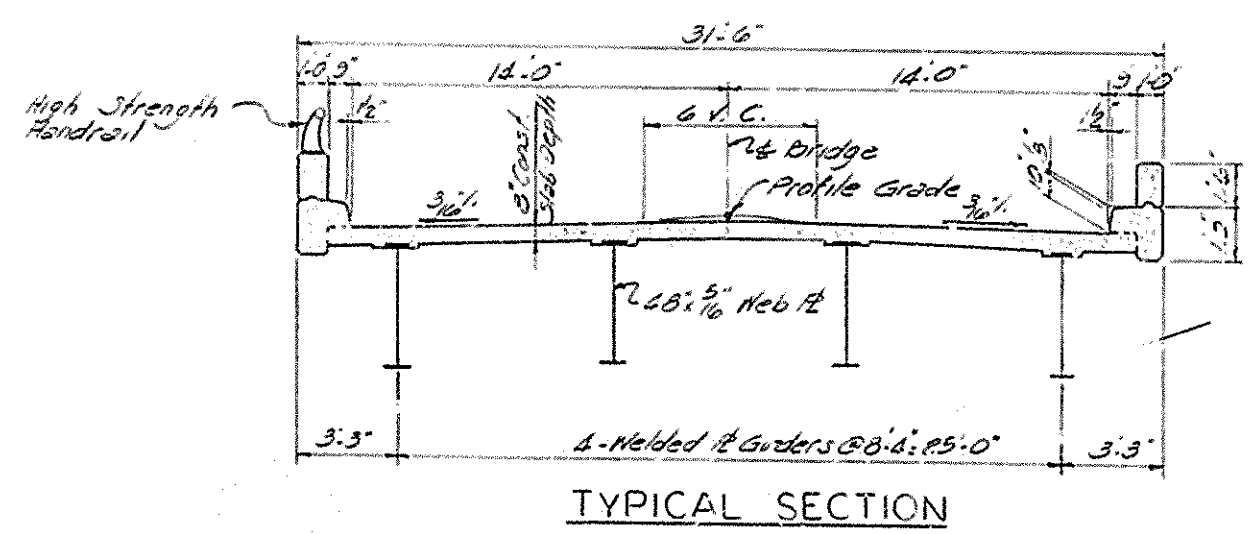


**ELEVATION**  
 63'-0", 110'-6", 110'-6", 63'-0" Continuous Composite Steel Welded I<sup>2</sup> Girder Spans.  
 @ 37°34' Left Skew. H20-44 Loading - 26'-0" Roadway. 2'-9" Brush Curbs.  
 39'-6" Shoulders of Bridge. 2:1 Fill Slopes



**P L A N**  
 (Deck Removed)

Attach Guard Rail to all Wings. See  
 Roadway Standard Dwg. 1780 Current  
 Edition.



**TYPICAL SECTION**

**LAYOUT**

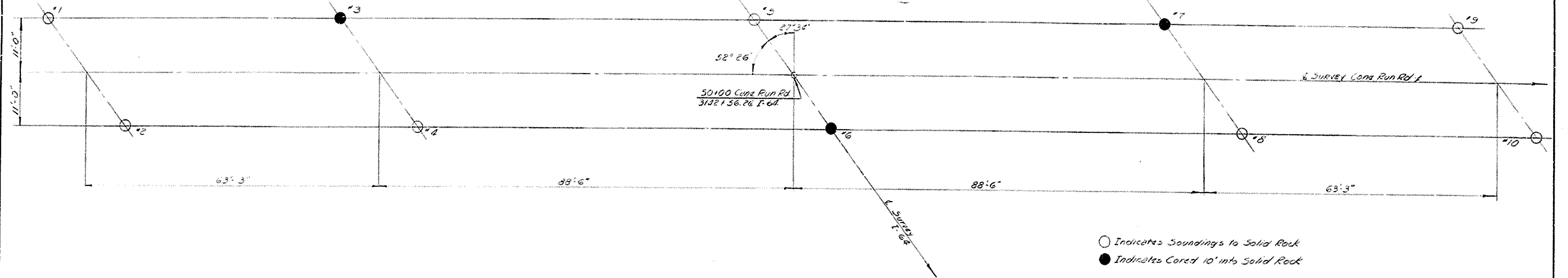
CANE RUN ROAD OVER I-64 SHEET 3

**COMMONWEALTH OF KENTUCKY**  
 DEPARTMENT OF HIGHWAYS  
 FRANKFORT  
 COUNTY OF  
**SCOTT**  
 LOUISVILLE-LEXINGTON-CATLETTSBURG

3142+56.26 I-64 ROAD  
 STATION 50+0000 CANE RUN RD. PROJECT NO.

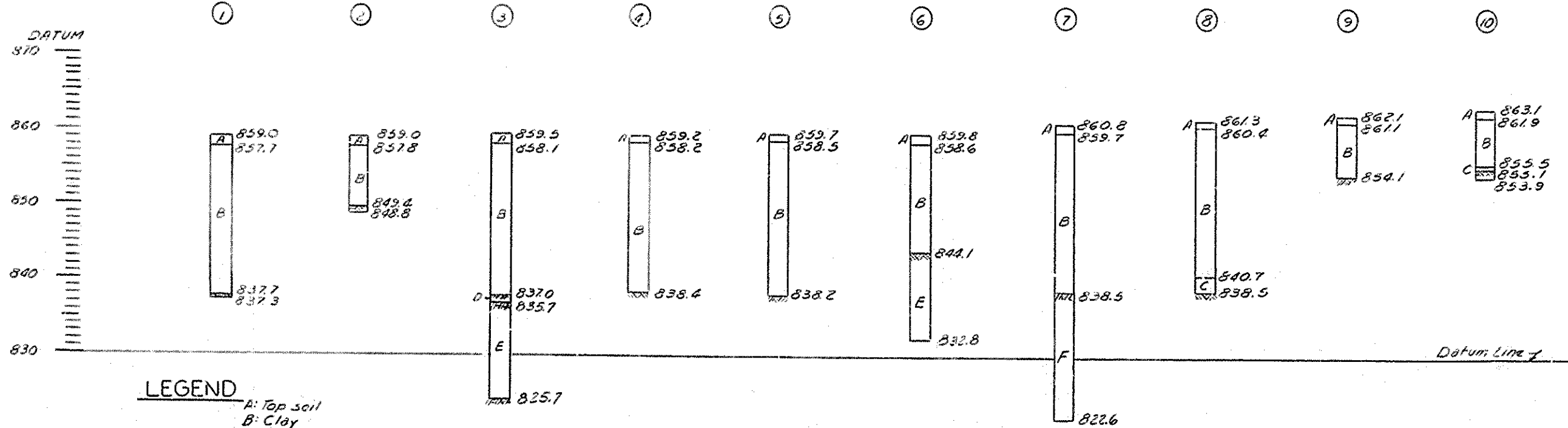
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|---------------|-------------|-------|
| BRIDGE NUMBER | DRAWING NO. | INDEX |
|               | 17615       |       |

| FED. ROAD DIST. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|-------|--------------------|-------------|-----------|--------------|
| 7               | KY.   |                    |             |           |              |



PLAN

○ Indicates Soundings to Solid Rock  
● Indicates Cored 10' into Solid Rock



LEGEND

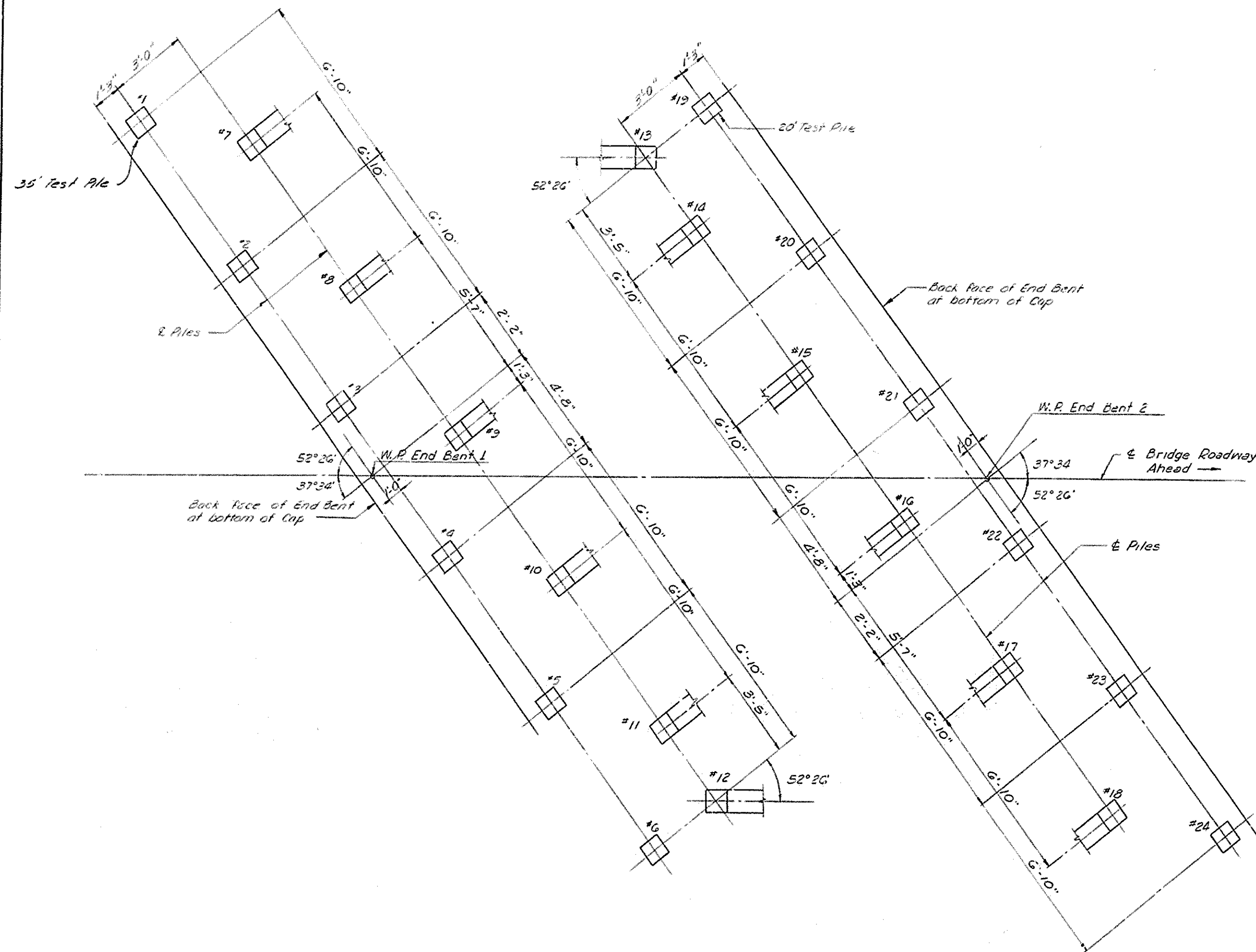
- A: Top Soil
- B: Clay
- C: Ledge Rock
- D: Ledge Rock & Mud
- E: Limestone
- F: Limestone & Shale

ELEVATION

SOUNDINGS

|                                   |                   |         |  |
|-----------------------------------|-------------------|---------|--|
| CANE RUN RD. OVER I-64            |                   | SHEET 4 |  |
| COMMONWEALTH OF KENTUCKY          |                   |         |  |
| DEPARTMENT OF HIGHWAYS            |                   |         |  |
| FRANKFORT                         |                   |         |  |
| COUNTY OF                         |                   |         |  |
| SCOTT                             |                   |         |  |
| LOUISVILLE-LEXINGTON-CATLETTSBURG |                   |         |  |
| ROAD                              |                   |         |  |
| STATION 3142+56.26 I-64           |                   |         |  |
| PROJECT NO.                       |                   |         |  |
| BRIDGE NUMBER                     | DRAWING NO. 17615 |         |  |

|             |      |             |      |
|-------------|------|-------------|------|
| DESIGNED BY | DATE | REVIEWED BY | DATE |
| DRAWN BY    | DATE | CHECKED BY  | DATE |
| PLACED BY   | DATE |             |      |



# NOTE

This pile record does not replace other records of piles required to be kept and submitted by the Resident Engineer. After all piles have been driven the Resident Engineer shall record the tip-of-pile elevation as driven, the length of piles in place, the calculated bearing capacity of each pile, and shall return one blue print copy of this sheet with this data to the Director of Bridges so that the data may be recorded on the original plans. Length of piles in place shown herein are the actual lengths of piles in the finished structure below cut-off elevation and are not necessarily pay items. Piles shown battered  to be driven on 4:12 batter.

## PILE RECORD

| Location   | Pile No. | Cutoff Elev. Shown | Tip of Pile Elevation as driven | Pile Length in place (Lin. Ft.) | Calculated Bearing Capacity (Tons) |
|------------|----------|--------------------|---------------------------------|---------------------------------|------------------------------------|
| End Bent 1 | 1        | 865.01             |                                 |                                 |                                    |
| "          | 2        | "                  |                                 |                                 |                                    |
| "          | 3        | "                  |                                 |                                 |                                    |
| "          | 4        | "                  |                                 |                                 |                                    |
| "          | 5        | "                  |                                 |                                 |                                    |
| "          | 6        | "                  |                                 |                                 |                                    |
| "          | 7        | "                  |                                 |                                 |                                    |
| "          | 8        | "                  |                                 |                                 |                                    |
| "          | 9        | "                  |                                 |                                 |                                    |
| "          | 10       | "                  |                                 |                                 |                                    |
| "          | 11       | "                  |                                 |                                 |                                    |
| "          | 12       | "                  |                                 |                                 |                                    |
| End Bent 2 | 13       | 870.85             |                                 |                                 |                                    |
| "          | 14       | "                  |                                 |                                 |                                    |
| "          | 15       | "                  |                                 |                                 |                                    |
| "          | 16       | "                  |                                 |                                 |                                    |
| "          | 17       | "                  |                                 |                                 |                                    |
| "          | 18       | "                  |                                 |                                 |                                    |
| "          | 19       | "                  |                                 |                                 |                                    |
| "          | 20       | "                  |                                 |                                 |                                    |
| "          | 21       | "                  |                                 |                                 |                                    |
| "          | 22       | "                  |                                 |                                 |                                    |
| "          | 23       | "                  |                                 |                                 |                                    |
| "          | 24       | "                  |                                 |                                 |                                    |

DESIGNED BY: DATE: 1/2/64  
CHECKED BY: DATE: 1/2/64  
APPROVED BY: DATE: 1/2/64

## PILE RECORD

CANE RUN RD. OVER I-64 SHEET 5

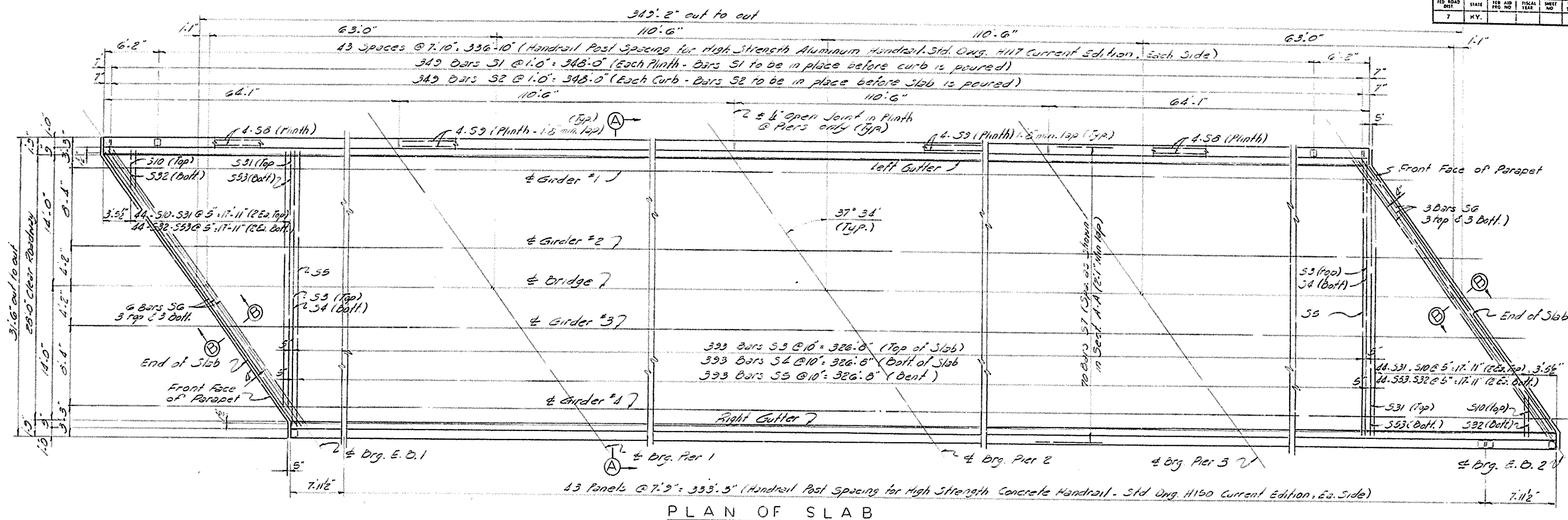
**COMMONWEALTH OF KENTUCKY**  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
**SCOTT**  
LOUISVILLE-LEXINGTON-CATLETTSBURG

342 156.26 I-64 ROAD  
STATION 50+00.00 CANE RUN RD. PROJECT NO.

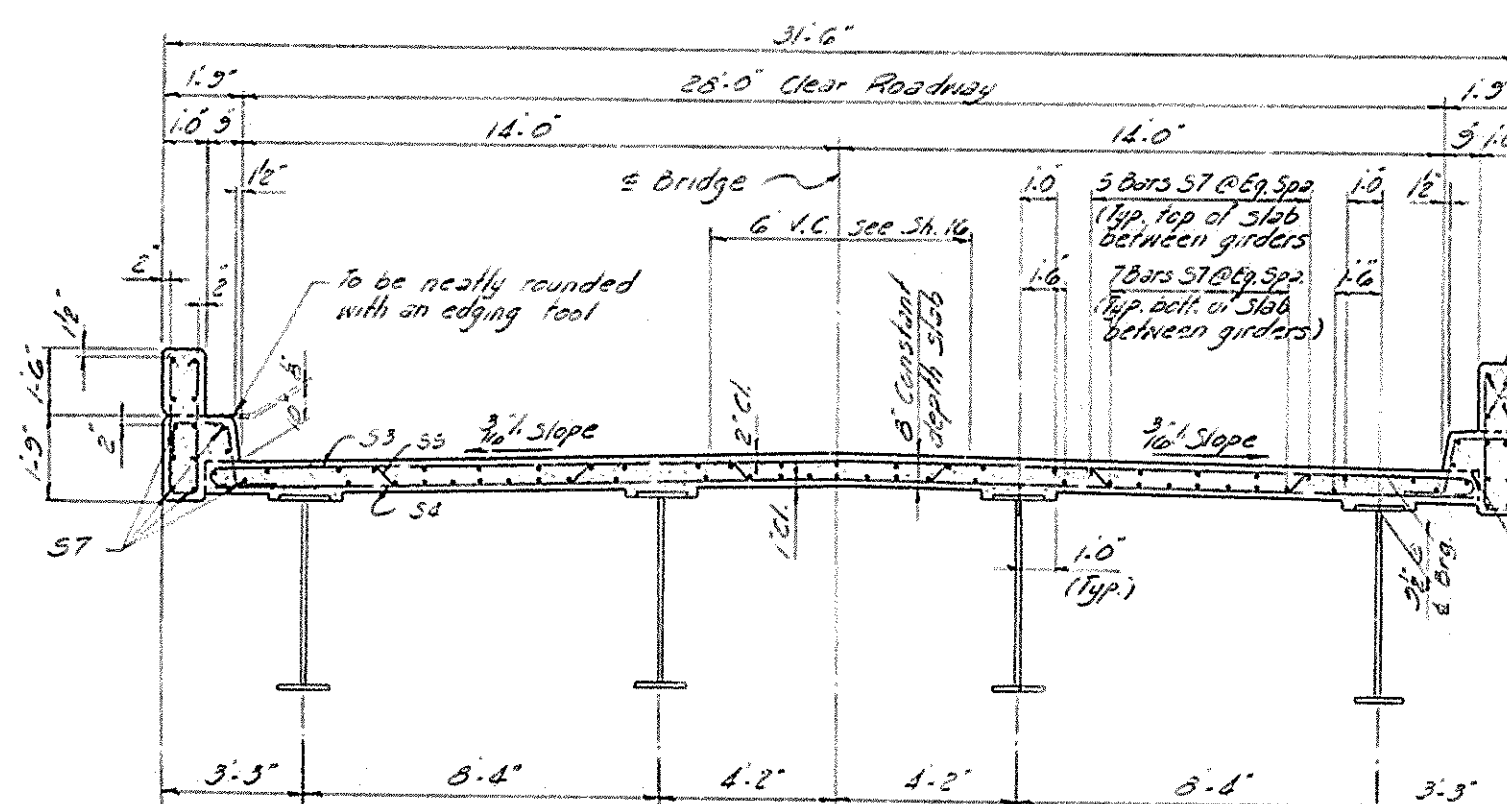
BRIDGE NUMBER NO. 17615



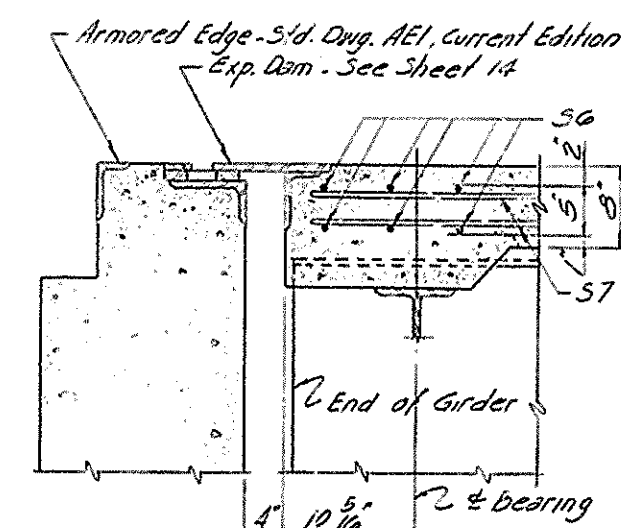
| FED. ROAD DIST. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|-----------------|-------|--------------------|-------------|-----------|--------------|
| 7               | KY.   |                    |             |           |              |



PLAN OF SLAB



SECTION A-A



SECTION B-B

ESTIMATE OF QUANTITIES

|                      |        |          |
|----------------------|--------|----------|
| Concrete, Class 'AA' | 36,833 | Cu. Yds. |
| Reinforcement        | 82,300 | Lbs      |

SUPERSTRUCTURE

CANE RUN ROAD OVER I-64 SHEET 10

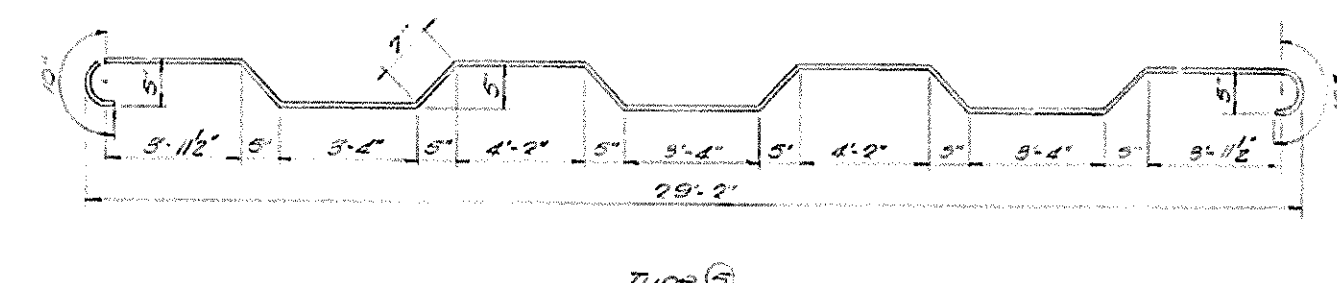
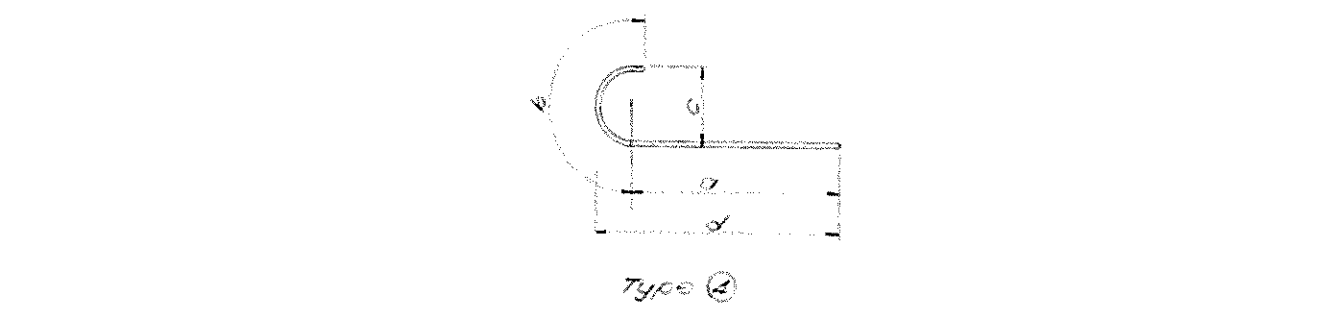
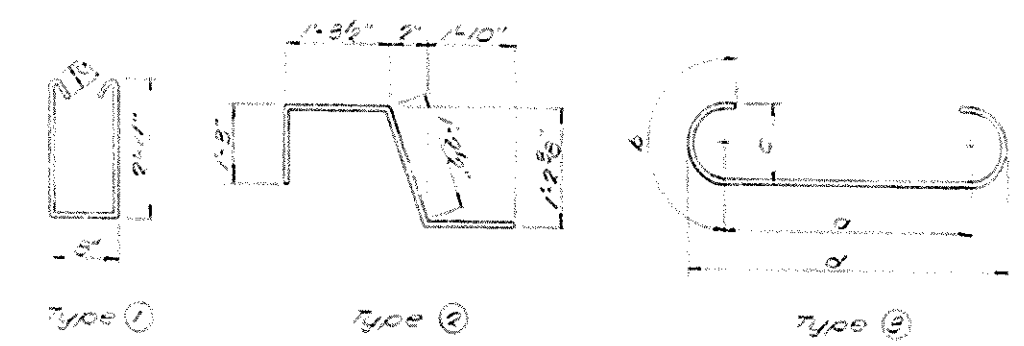
COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE - LEXINGTON - CATLETTSBURG

ROAD  
3142+56.26 I-64  
STATION 50+01.00 CANE RUN ROAD PROJECT NO.

BRIDGE NUMBER 17615 INDEX

# BILL OF REINFORCEMENT

| Mark           | Type | Number | Bar Size | Length Ft | Location | a Ft          | b In | c Ft | d In | e Ft | f In |
|----------------|------|--------|----------|-----------|----------|---------------|------|------|------|------|------|
| SUPERSTRUCTURE |      |        |          |           |          |               |      |      |      |      |      |
| S1             | (1)  | 292    | 5        | 7         | 1        | Shirn         |      |      |      |      |      |
| S2             | (2)  | 293    | 7        | 5         | 4        | Curb          |      |      |      |      |      |
| S3             | (3)  | 323    | 5        | 30        | 5        | Slab (Top)    | 23   | 9    | 0    | 10   | 0    |
| S4             | SH   | 323    | 5        | 29        | 2        | Slab (Bottom) |      |      |      |      |      |
| S5             | (5)  | 323    | 5        | 31        | 5        | Slab (Bottom) |      |      |      |      |      |
| S6             | SH   | 12     | 5        | 32        | 3        | Slab (End)    |      |      |      |      |      |
| S7             | SH   | 200    | 5        | 36        | 3        | "             |      |      |      |      |      |
| S8             | SH   | 32     | 4        | 32        | 5        | Reinth        |      |      |      |      |      |
| S9             | SH   | 48     | 4        | 37        | 10       | "             |      |      |      |      |      |
| S10            | (2)  | 4      | 5        | 5         | 3        | Slab Corner   | 4    | 7    | 0    | 10   | 0    |
| S11            | "    | 4      | 5        | 5         | 6        | "             | 5    | 8    | 5    | 10   | 0    |
| S12            | "    | 4      | 5        | 7         | 7        | "             | 5    | 9    | 0    | 10   | 0    |
| S13            | "    | 4      | 5        | 8         | 8        | "             | 7    | 10   | 0    | 10   | 0    |
| S14            | "    | 4      | 5        | 9         | 9        | "             | 8    | 11   | 0    | 10   | 0    |
| S15            | "    | 4      | 5        | 10        | 10       | "             | 10   | 0    | 0    | 10   | 0    |
| S16            | "    | 4      | 5        | 11        | 11       | "             | 11   | 1    | 0    | 10   | 0    |
| S17            | "    | 4      | 5        | 13        | 0        | "             | 12   | 2    | 0    | 10   | 0    |
| S18            | "    | 4      | 5        | 14        | 1        | "             | 13   | 3    | 0    | 10   | 0    |
| S19            | "    | 4      | 5        | 15        | 2        | "             | 14   | 4    | 0    | 10   | 0    |
| S20            | "    | 4      | 5        | 16        | 3        | "             | 16   | 5    | 0    | 10   | 0    |
| S21            | "    | 4      | 5        | 17        | 4        | "             | 16   | 6    | 0    | 10   | 0    |
| S22            | "    | 4      | 5        | 18        | 5        | "             | 17   | 7    | 0    | 10   | 0    |
| S23            | "    | 4      | 5        | 19        | 6        | "             | 18   | 8    | 0    | 10   | 0    |
| S24            | "    | 4      | 5        | 20        | 7        | "             | 19   | 9    | 0    | 10   | 0    |
| S25            | "    | 4      | 5        | 21        | 8        | "             | 20   | 10   | 0    | 10   | 0    |
| S26            | "    | 4      | 5        | 22        | 9        | "             | 21   | 11   | 0    | 10   | 0    |
| S27            | "    | 4      | 5        | 23        | 10       | "             | 23   | 0    | 0    | 10   | 0    |
| S28            | "    | 4      | 5        | 24        | 11       | "             | 24   | 1    | 0    | 10   | 0    |
| S29            | "    | 4      | 5        | 25        | 0        | "             | 25   | 2    | 0    | 10   | 0    |
| S30            | "    | 4      | 5        | 27        | 1        | "             | 26   | 3    | 0    | 10   | 0    |
| S31            | "    | 4      | 5        | 28        | 2        | "             | 27   | 4    | 0    | 10   | 0    |
| S32            | SH   | 4      | 5        | 4         | 10       | "             |      |      |      |      |      |
| S33            | "    | 4      | 5        | 5         | 11       | "             |      |      |      |      |      |
| S34            | "    | 4      | 5        | 7         | 0        | "             |      |      |      |      |      |
| S35            | "    | 4      | 5        | 8         | 1        | "             |      |      |      |      |      |
| S36            | "    | 4      | 5        | 9         | 2        | "             |      |      |      |      |      |
| S37            | "    | 4      | 5        | 10        | 3        | "             |      |      |      |      |      |
| S38            | "    | 4      | 5        | 11        | 4        | "             |      |      |      |      |      |
| S39            | "    | 4      | 5        | 12        | 5        | "             |      |      |      |      |      |
| S40            | "    | 4      | 5        | 13        | 6        | "             |      |      |      |      |      |
| S41            | "    | 4      | 5        | 14        | 7        | "             |      |      |      |      |      |
| S42            | "    | 4      | 5        | 15        | 8        | "             |      |      |      |      |      |
| S43            | "    | 4      | 5        | 16        | 9        | "             |      |      |      |      |      |
| S44            | "    | 4      | 5        | 17        | 10       | "             |      |      |      |      |      |
| S45            | "    | 4      | 5        | 18        | 11       | "             |      |      |      |      |      |
| S46            | "    | 4      | 5        | 20        | 0        | "             |      |      |      |      |      |
| S47            | "    | 4      | 5        | 21        | 1        | "             |      |      |      |      |      |
| S48            | "    | 4      | 5        | 22        | 2        | "             |      |      |      |      |      |
| S49            | "    | 4      | 5        | 23        | 3        | "             |      |      |      |      |      |
| S50            | "    | 4      | 5        | 24        | 4        | "             |      |      |      |      |      |
| S51            | "    | 4      | 5        | 25        | 5        | "             |      |      |      |      |      |
| S52            | "    | 4      | 5        | 26        | 6        | "             |      |      |      |      |      |
| S53            | "    | 4      | 5        | 27        | 7        | "             |      |      |      |      |      |

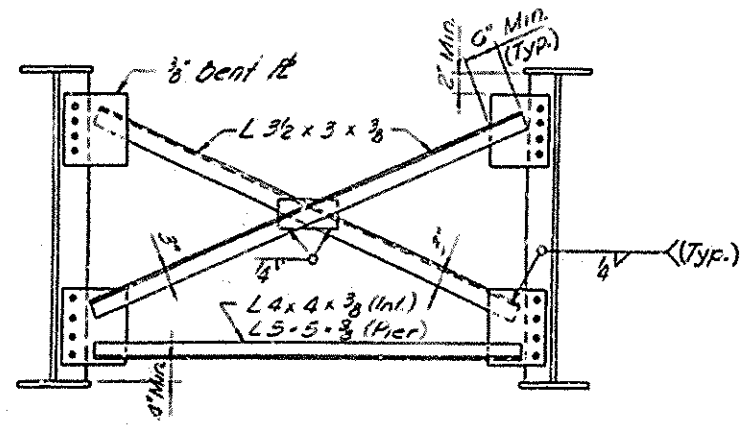


SUPERSTRUCTURE

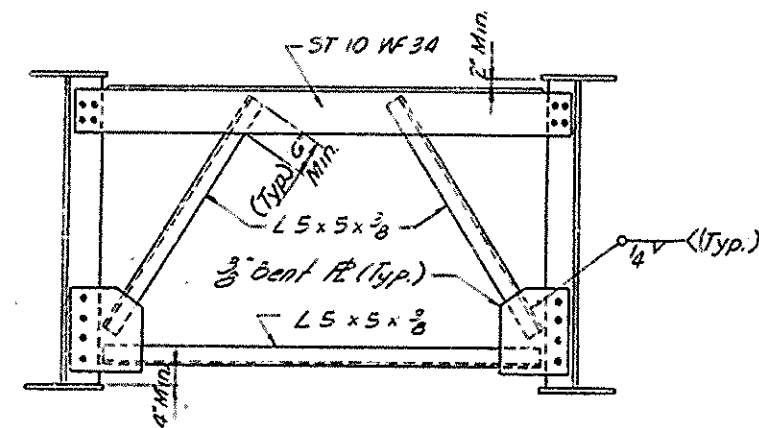
CANE RUN RD OVER I-64 SHEET 11

COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE-LEXINGTON-CATLETTSBURG  
3142+5626 I-64 ROAD  
STATION 56+00.00 CANE RUN RD. PROJECT NO.  
BRIDGE NUMBER 17615

|                                     |                       |                     |                |             |
|-------------------------------------|-----------------------|---------------------|----------------|-------------|
| DESIGNED BY: <u>PLD</u>             | CHECKS BY: <u>JLM</u> | DATE: <u>5-6-79</u> | REVISED: _____ | DATE: _____ |
| ARTICLES BY: <u>T.B. &amp; H.E.</u> | CHECKS BY: <u>WLM</u> | DATE: <u>5-6-79</u> | REVISED: _____ | DATE: _____ |
| FINISHED BY: _____                  | CHECKS BY: _____      | DATE: _____         | REVISED: _____ | DATE: _____ |

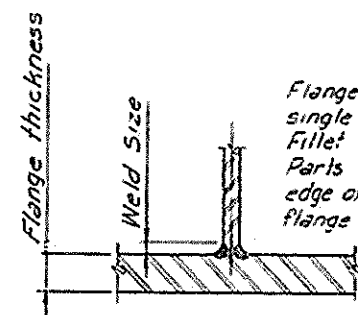


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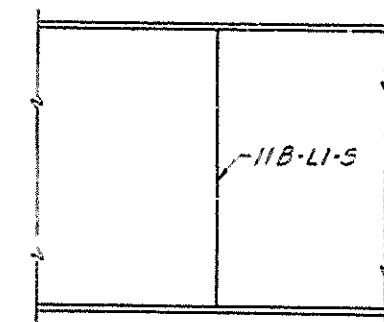


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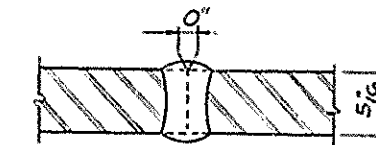
| WELD SIZES            |           |
|-----------------------|-----------|
| Flange Thickness      | Weld Size |
| 3/4" & under          | 3/8"      |
| over 3/4" to 1 1/2"   | 5/16"     |
| over 1 1/2" to 2 1/2" | 3/4"      |
| over 2 1/2" to 6"     | 1"        |



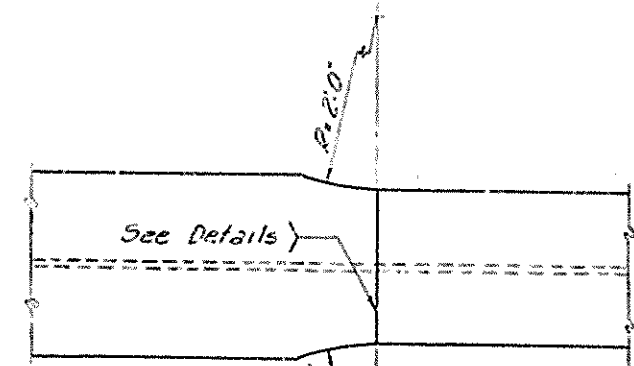
SECTION  
FLANGE TO WEB WELD



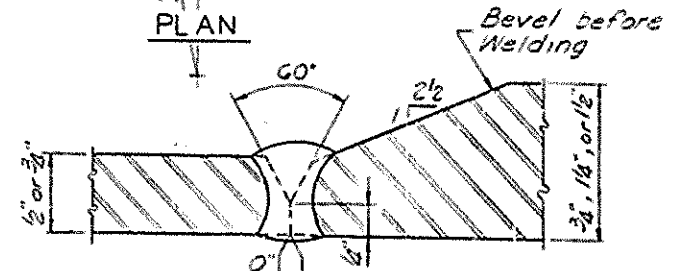
ELEVATION



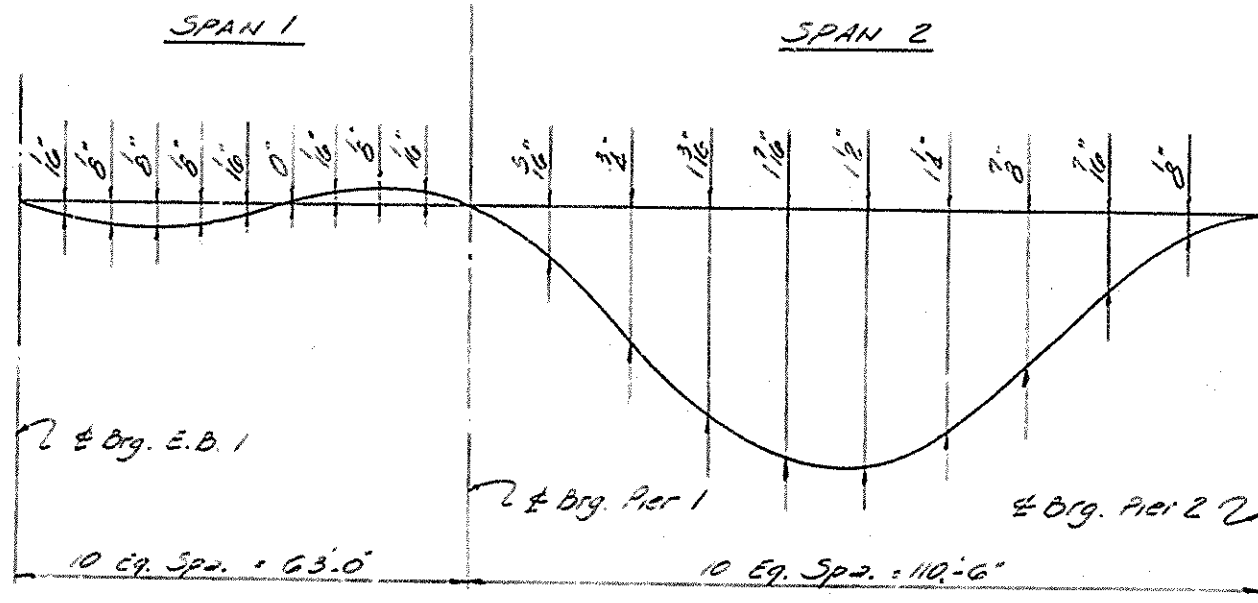
SECTION  
SHOP WEB SPLICE  
(Submerged Metal Arc Weld)  
AWS B-L1-S



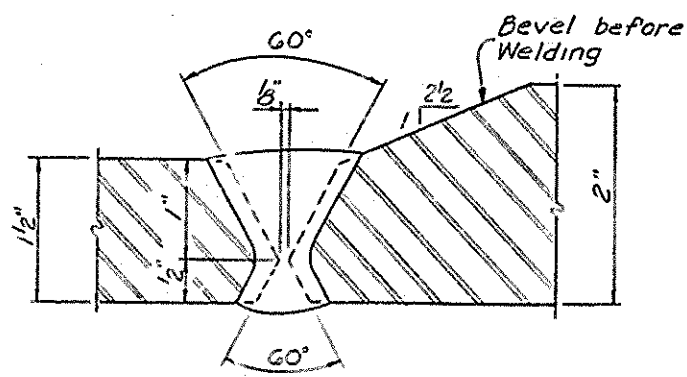
PLAN



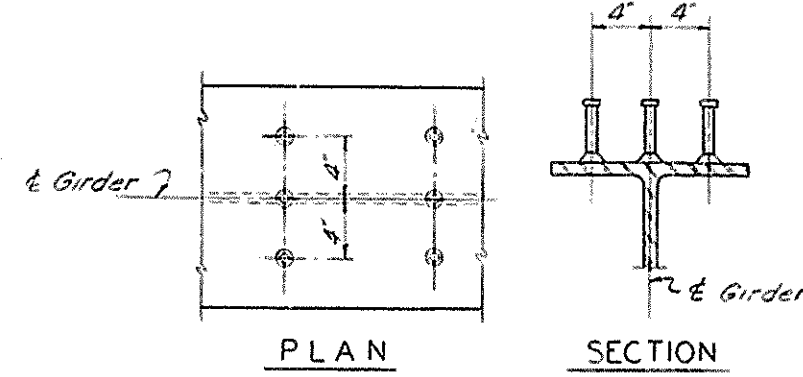
SECTION  
SHOP FLANGE SPLICE  
(Submerged Metal Arc Weld)  
AWS B-L2B-S



TOTAL D.L. DEFLECTIONS  
(Concrete D.L. Deflections is 86% of total)



SECTION  
SHOP FLANGE SPLICE  
(Submerged Metal Arc Weld)  
AWS B-U3B-S



PLAN  
SECTION  
ELEVATION  
SHEAR CONNECTOR DETAILS  
See General Notes, Sheet 2

DESIGNED BY: W.V.  
CHECKED BY: W.V.  
DATE: 11/1/64  
APPROVED BY: W.V.  
DATE: 11/1/64

SUPERSTRUCTURE

CANE RUN ROAD OVER I-64 SHEET 13

COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE - LEXINGTON - CATLETTSBURG

3142+55.26 I-64 ROAD  
STATION 50+00.00 CANE RUN RD. PROJECT NO.

BRIDGE NUMBER 17615

35'-3 1/2"

7 1/2"

25 Anchors alt. Sp. @ 1.0' = 32'-0"

37'-2 1/2"

E Bridge

56'-2 1/4"

Gutter Line

9 1/2"

10 Anchors alt. Sp. 1.0' = 9'-0"

(Typ. between Girders)

E Girders

5'-9 3/8"

5'-9 3/4"

1'-10 3/8"

1'-10 3/4"

10'-6 1/2"

Ahead E.B. 1

Ahead E.B. 2

A

B

[illegible]

Bonding Surface Finish - Vertical edges of steel bars which require bonding to joint Sealing compound shall receive neither shop nor field paint. Before applying Joint Sealing compound vertical edges of steel bars shall be cleaned to bare metal.

[illegible]

Diagram illustrating a repair method for a sliding joint. The diagram shows a cross-section of a concrete structure with a joint. Reinforcement bars are shown, including a 1" Bar and a 3/8" Bar. A 5/16" bar is also indicated. A 1/2" R (Radius) is shown for the joint. The repair involves applying Joint Sealing Compound (destroy bond between old Sealing Compound & 1/2" R using Film or foil backing) and a 3/8" R (Radius) for the joint. The joint is labeled "Free to Slide".

SECTION E-E

No. 3 Black Iron or equivalent wire eyelets @ 2'-0" spacing rack welded to 6" x 12". Eyelets are to be used in tying 6" x 12" with wire so as to prevent leakage during construction.

[illegible]

SECTION THRU CURB

SUPERSTRUCTURE

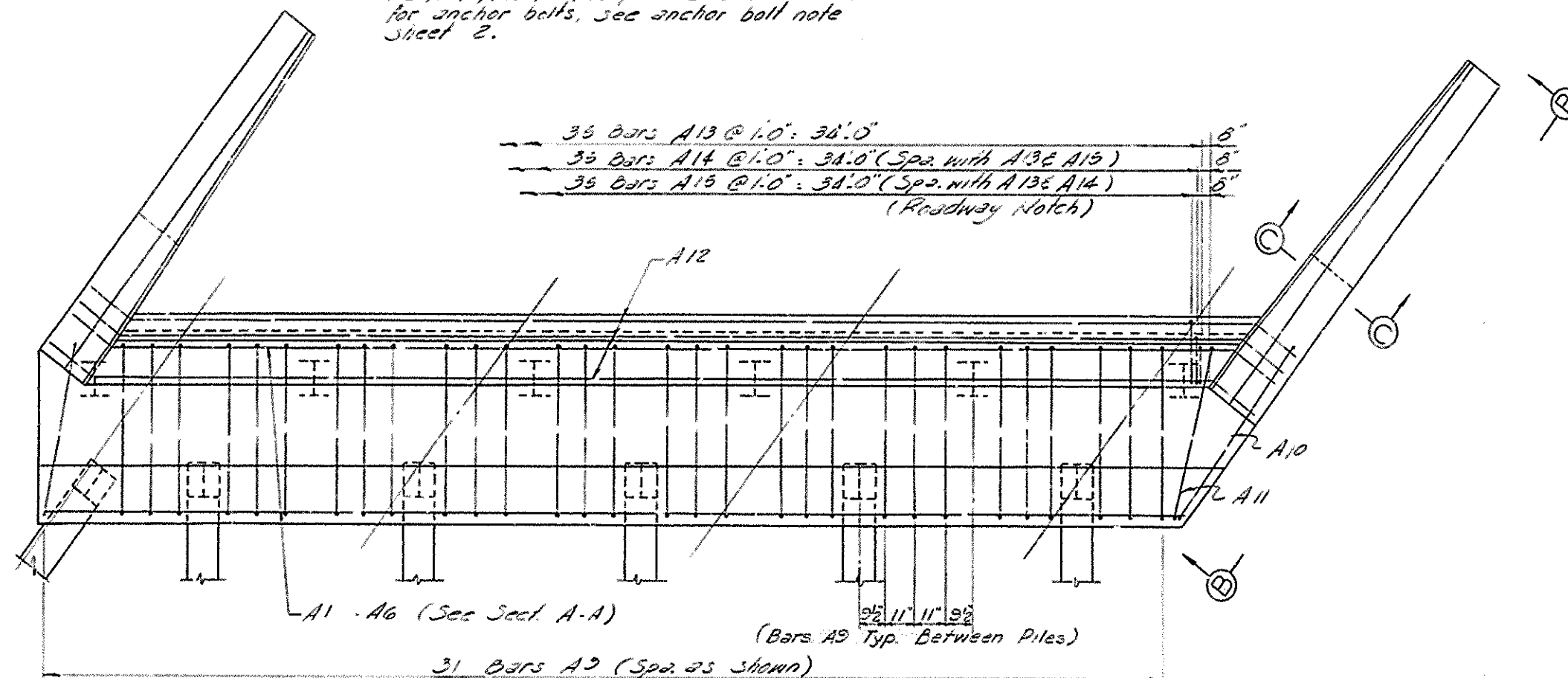
CANE RUN ROAD OVER I-64 SHEET NO. 1

**COMMONWEALTH OF KENTUCKY**  
**DEPARTMENT OF HIGHWAYS**  
**FRANKFORT**  
**COUNTY OF**  
**SCOTT**  
**LOUISVILLE-LEXINGTON-CATLETTSBURG**

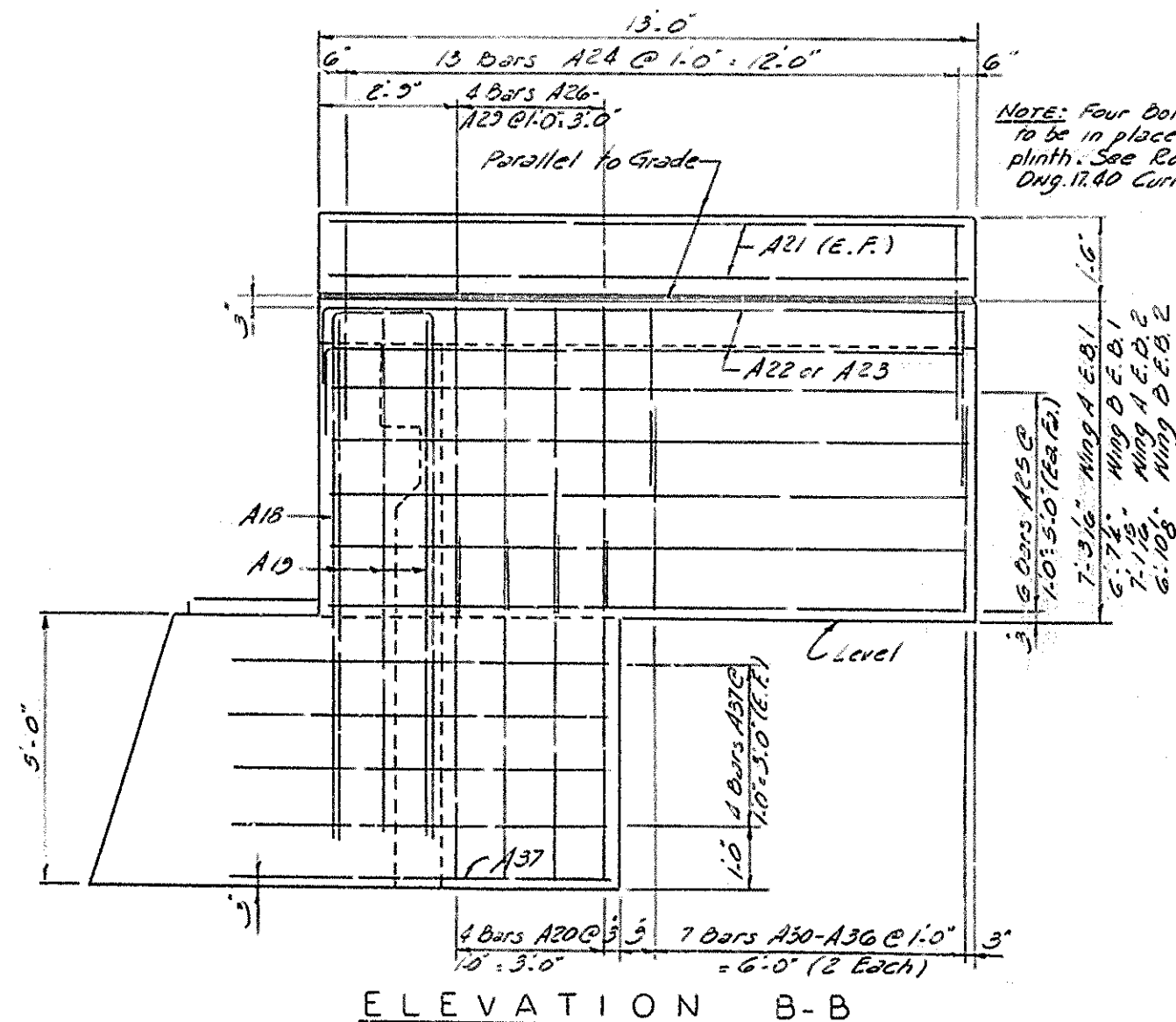
3142+ 56.26 I-64 : ROAD  
**STATION 50+0000 CANE RUN RD. PROJECT NO.**

|                  |                      |      |
|------------------|----------------------|------|
| BRIDGE<br>NUMBER | DRAWING NO.<br>17615 | DATE |
|------------------|----------------------|------|

Note: Care is to be used in placing bars A2, A9, A16 & A17 to provide clearance for anchor bolts, see anchor bolt note sheet 2.

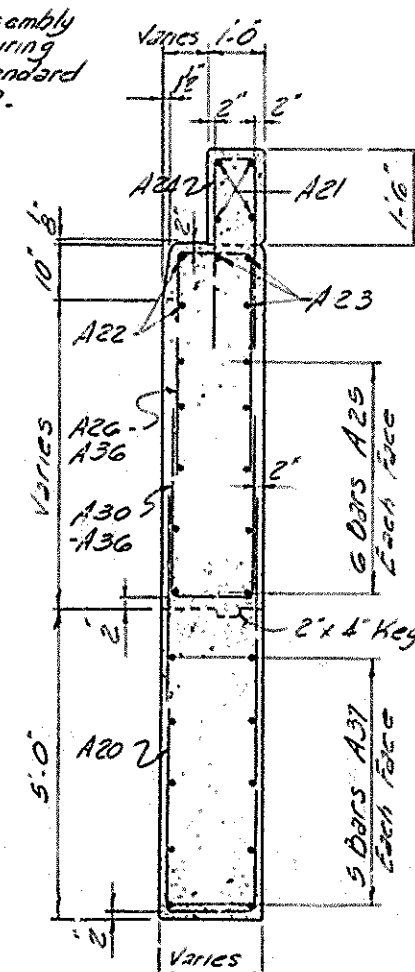


PLAN  
(Showing Reinforcement)

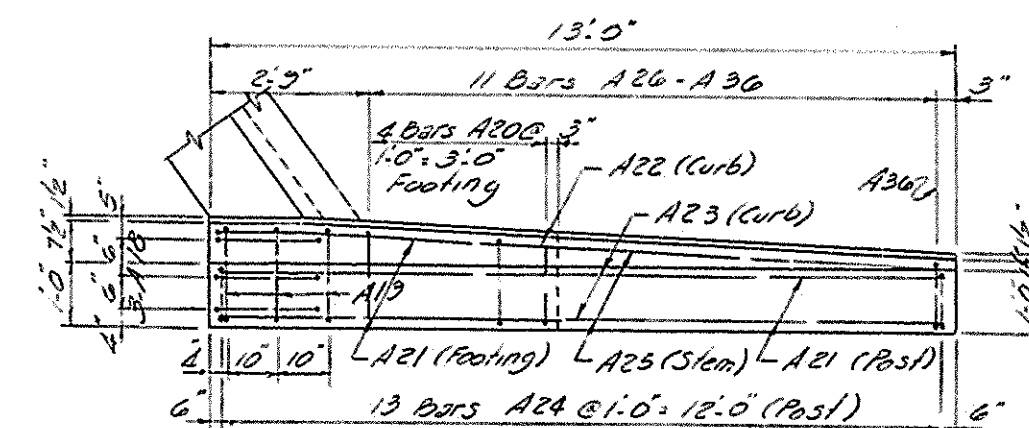


ELEVATION B-B

NOTE: Four Bolt Insert Assembly to be in place before pouring plinth. See Roadway Standard Dwg. 11.40 Current Edition.



SECTION C-C



TYPICAL WING PLAN

# ESTIMATE OF QUANTITIES

|                    | End Bent 1 | End Bent 2 |          |
|--------------------|------------|------------|----------|
| Concrete, Class AA | 25.2       | 25.0       | Cu. Yds. |
| Concrete, Class A  | 36.1       | 36.0       | Cu. Yds. |
| Reinforcement      | 7469       | 7469       | Lbs.     |

CANE RUN ROAD OVER I-64

SHEET 7

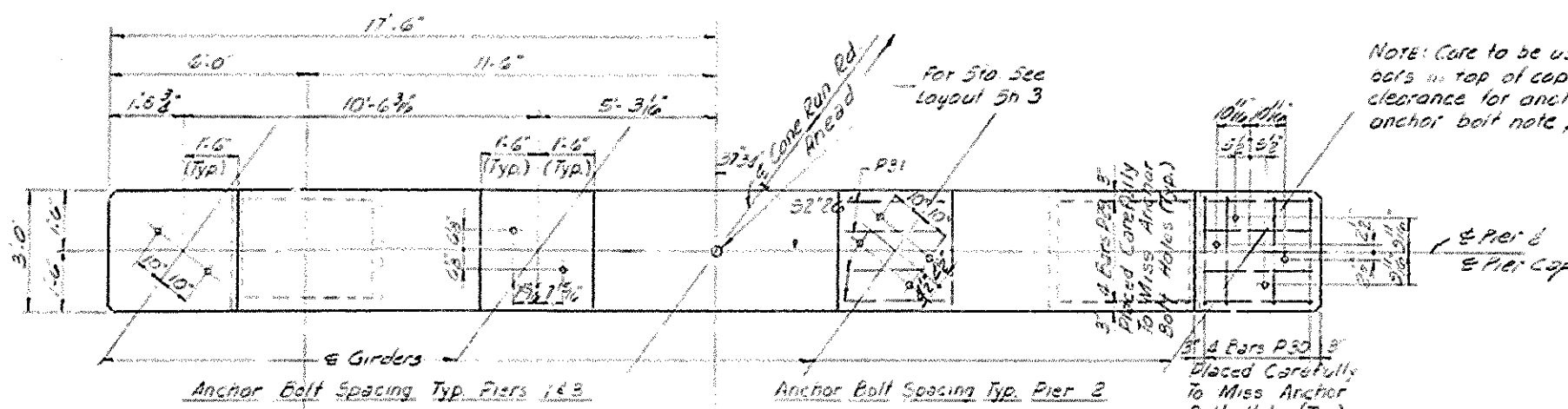
COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE - LEXINGTON-CATLETTSBURG

342-5628 1-64 ROAD

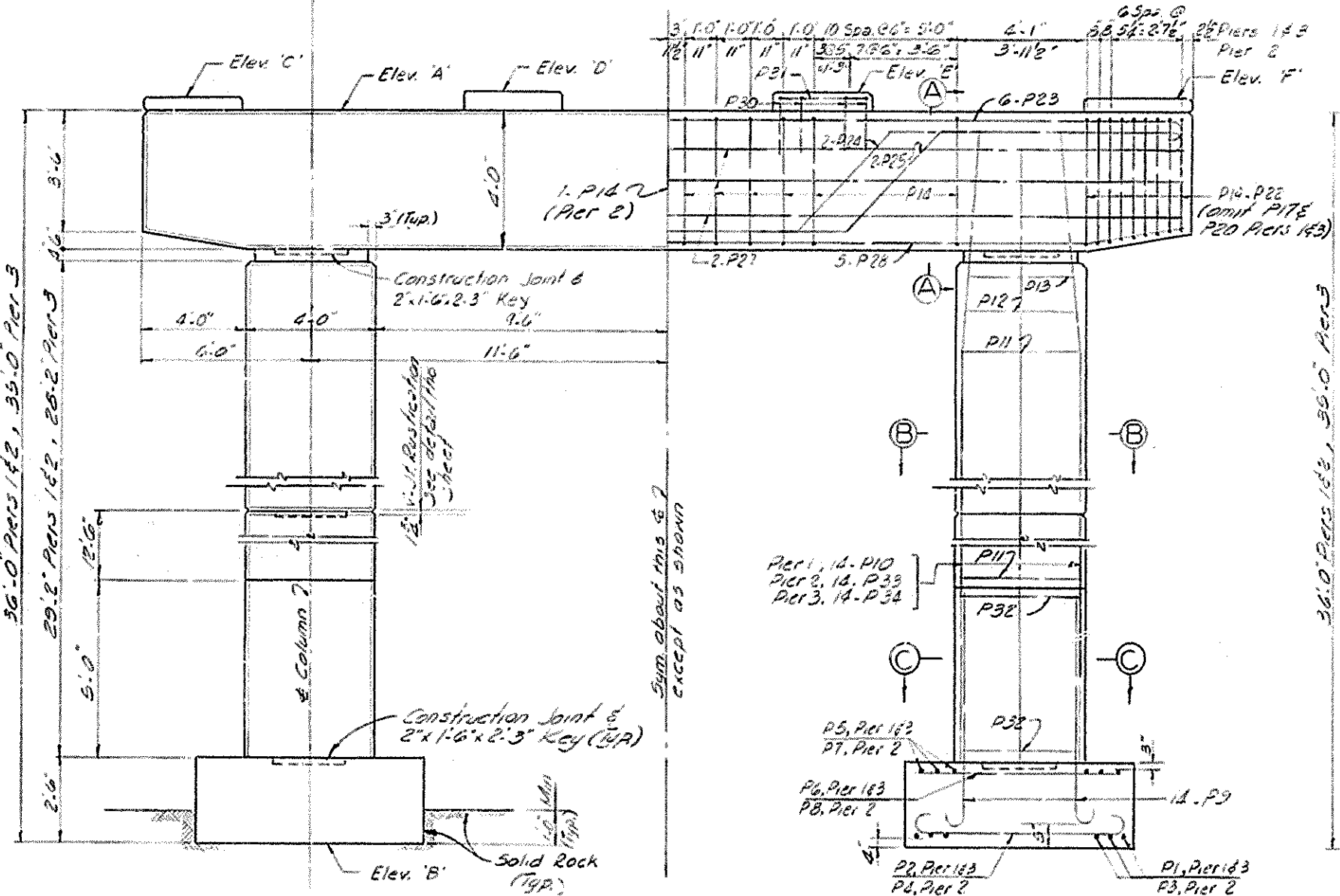
STATION 50+00.00 CANE RUN RD. PROJECT NO.

BRIDGE NUMBER 17615

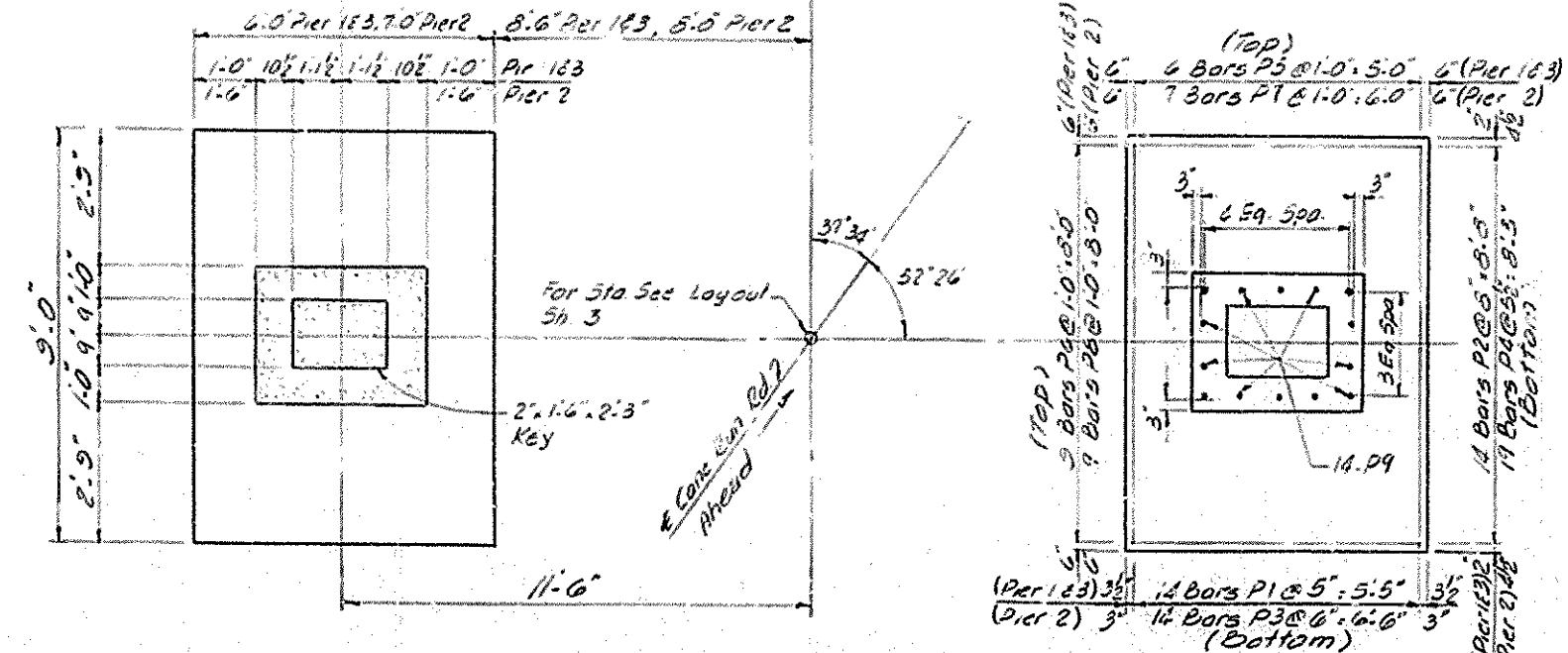
END BENTS



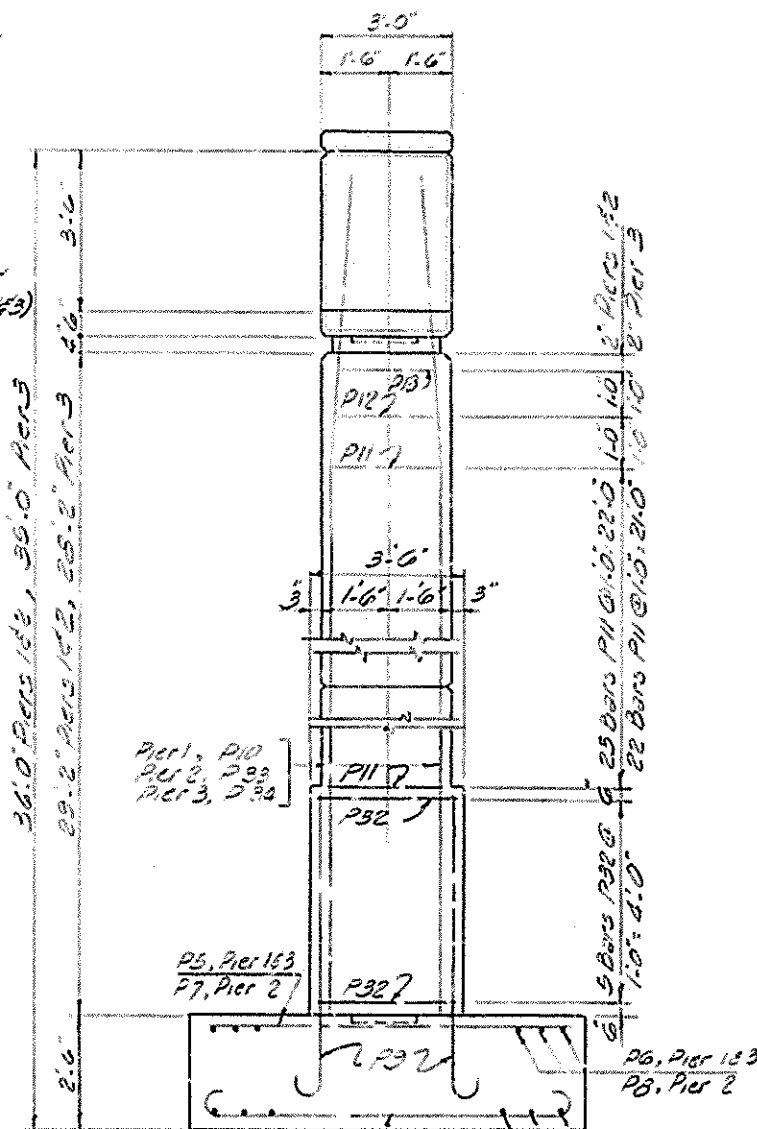
PLAN OF CAP



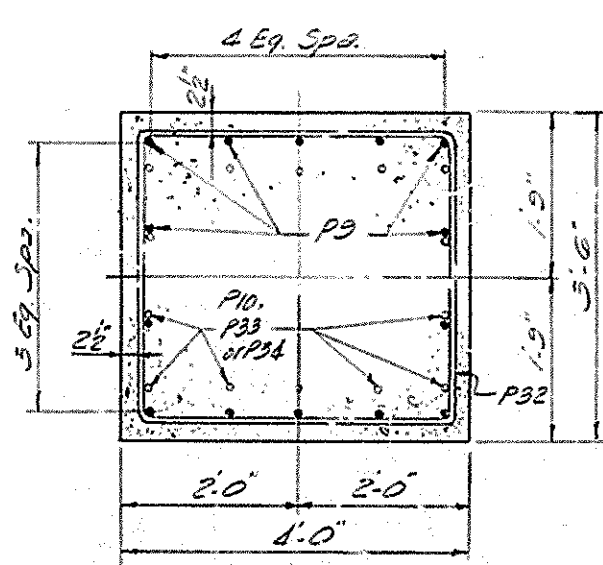
ELEVATION



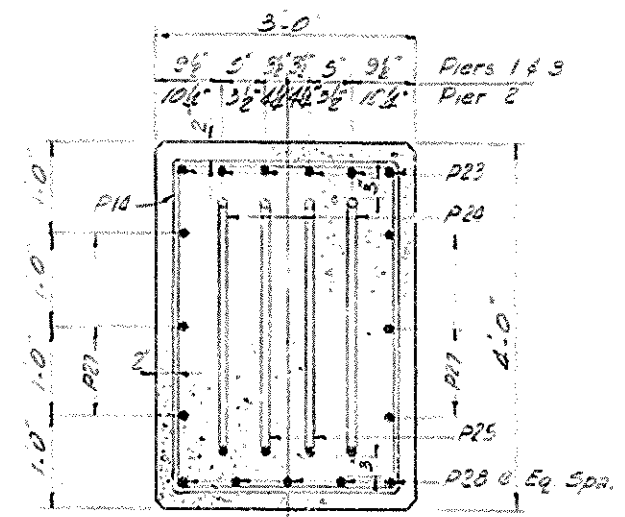
PLAN OF FOOTING



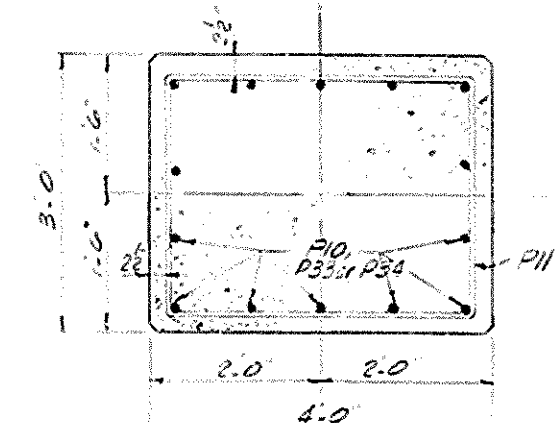
END ELEVATION



SECTION C-C



SECTION A-A



SECTION B-B

| TABLE OF ELEVATIONS |         |         |         |
|---------------------|---------|---------|---------|
|                     | Pier 1  | Pier 2  | Pier 3  |
| A                   | 871.16  | 873.21  | 873.02  |
| B                   | 873.16  | 873.20  | 873.02  |
| C                   | 871.695 | 873.545 | 873.461 |
| D                   | 871.764 | 873.725 | 873.561 |
| E                   | 871.899 | 873.775 | 873.527 |
| F                   | 871.833 | 873.629 | 873.557 |

| ESTIMATE OF QUANTITIES |        |        |        |
|------------------------|--------|--------|--------|
|                        | Pier 1 | Pier 2 | Pier 3 |
| Concrete, Class 'A'    | 52.8   | 54.3   | 517    |
| Reinforcement          | 3784   | 10535  | 3709   |
|                        |        |        | C.Y.   |
|                        |        |        | L.B.   |

CANE RUN RD OVER I-64 SHEET 8

**COMMONWEALTH OF KENTUCKY**  
 DEPARTMENT OF HIGHWAYS  
 FRANKFORT  
 COUNTY OF  
**SCOTT**  
 LOUISVILLE-LEXINGTON-CATLETTSBURG

3142+56.26 I-64 ROAD  
 STATION 50.00.00 CANE RUN RD PROJECT NO.

BRIDGE NUMBER DRAWING NO. 17615

PIERS

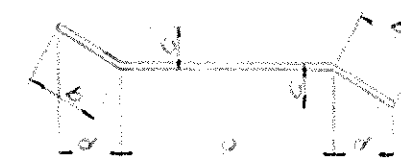
# BILL OF REINFORCEMENT

## END BENTS

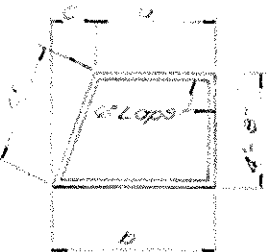
## PIERS

| Mark | Type | Number     |            | Bar | Length | Location  |    |    |    |        |
|------|------|------------|------------|-----|--------|-----------|----|----|----|--------|
|      |      | End Bent 1 | End Bent 2 |     |        |           | a  | b  | c  | d      |
|      |      |            |            |     |        |           | ft | in | ft | in     |
| A1   | Str. | 1          | 1          | 10  | 35     | Cap       |    |    |    |        |
| A2   | "    | 4          | 4          | 10  | 37     | "         |    |    |    |        |
| A3   | "    | 6          | 6          | 10  | 38     | "         |    |    |    |        |
| A4   | "    | 3          | 3          | 6   | 36     | "         |    |    |    |        |
| A5   | "    | 3          | 3          | 6   | 35     | "         |    |    |    |        |
| A6   | "    | 2          | 2          | 10  | 36     | "         |    |    |    |        |
| A7   | ③    | 18         | 18         | 6   | 5      | "         | 4  | 3  | 0  | 6      |
| A8   | "    | 18         | 18         | 6   | 5      | "         | 4  | 3  | 0  | 6      |
| A9   | ②    | 31         | 31         | 5   | 19     | "         | 3  | 6  | 3  | 12     |
| A10  | "    | 1          | 1          | 5   | 21     | "         | 2  | 4  | 6  | 3      |
| A11  | "    | 1          | 1          | 5   | 12     | "         | 3  | 6  | 3  | 12     |
| A12  | ①    | 12         | 12         | 5   | 38     | Deckwall  | 35 | 4  | 7  | 11 1/2 |
| A13  | ③    | 35         | 35         | 6   | 12     | "         | 8  | 2  | 1  | 0      |
| A14  | ②    | 35         | 35         | 7   | 9      | "         | 7  | 11 | 1  | 3      |
| A15  | ③    | 35         | 35         | 4   | 4      | "         |    |    |    |        |
| A16  | Str. | 12         | 12         | 5   | 2      | Pads      |    |    |    |        |
| A17  | ③    | 12         | 12         | 5   | 5      | "         | 2  | 0  | 7  | 10     |
| A18  | "    | 6          | 6          | 7   | 21     | Wing Wall | 5  | 7  | 2  | 0      |
| A19  | "    | 6          | 6          | 5   | 20     | "         | 9  | 7  | 1  | 3      |
| A20  | "    | 8          | 8          | 6   | 16     | "         | 7  | 7  | 1  | 3      |
| A21  | Str. | 8          | 8          | 5   | 12     | "         |    |    |    |        |
| A22  | ④    | 4          | 4          | 7   | 15     | "         | 3  | 7  | 13 | 4      |
| A23  | "    | 6          | 6          | 6   | 15     | "         | 3  | 3  | 12 | 5      |
| A24  | ③    | 26         | 26         | 3   | 7      | "         | 2  | 3  | 0  | 9      |
| A25  | Str. | 24         | 24         | 6   | 12     | "         |    |    |    |        |
| A26  | ③    | 2          | 2          | 5   | 14     | "         | 6  | 3  | 1  | 3      |
| A27  | "    | 2          | 2          | 5   | 14     | "         | 6  | 3  | 1  | 2      |
| A28  | "    | 2          | 2          | 5   | 14     | "         | 6  | 3  | 1  | 2      |
| A29  | "    | 2          | 2          | 5   | 18     | "         | 6  | 3  | 1  | 12     |
| A30  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 1  | 1      |
| A31  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 1  | 0 1/2  |
| A32  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 1  | 0      |
| A33  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 0  | 11 1/2 |
| A34  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 0  | 11     |
| A35  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 0  | 10 1/2 |
| A36  | "    | 4          | 4          | 5   | 10     | "         | 2  | 8  | 0  | 10     |
| A37  | Str. | 20         | 20         | 5   | 7      | "         |    |    |    |        |

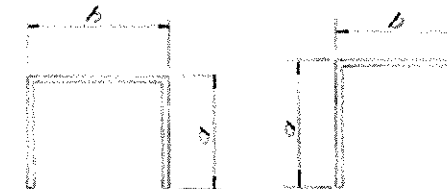
| Mark | Type     | Number |        | Bar | Length | Location        |    |       |    |        |
|------|----------|--------|--------|-----|--------|-----------------|----|-------|----|--------|
|      |          | Pier 1 | Pier 2 |     |        |                 | a  | b     | c  | d      |
|      |          |        |        |     |        |                 | ft | in    | ft | in     |
| P1   | ⑥        | 28     | —      | 28  | 7      | Footings (Both) | 8  | 1     | 1  | 2      |
| P2   | ⑥        | 28     | —      | 28  | 6      | "               | 5  | 2     | 1  | 0      |
| P3   | ⑥        | —      | 28     | —   | 8      | "               | 7  | 10    | 1  | 6      |
| P4   | ⑥        | —      | 28     | —   | 6      | "               | 6  | 2     | 1  | 0      |
| P5   | Str.     | 12     | —      | 12  | 5      | (Top)           | 6  | 2     | 1  | 0      |
| P6   | "        | 18     | —      | 18  | 5      | "               | 5  | 5     | 8  | 6      |
| P7   | "        | —      | 16     | —   | 5      | "               | 5  | 8     | 8  | 6      |
| P8   | "        | —      | 18     | —   | 5      | "               | 5  | 6     | 3  | 6      |
| P9   | ⑦        | 28     | 28     | 28  | 9      | Column dowels   | 6  | 6     | 1  | 8      |
| P10  | ⑧        | 28     | —      | —   | 7      | Columns         | 27 | 0     | 6  | 1      |
| P11  | ⑩        | 46     | 46     | 46  | 4      | Column Hoops    | 3  | 7     | 2  | 7      |
| P12  | "        | 2      | 2      | 2   | 4      | "               | 3  | 4 1/2 | 2  | 4 1/2  |
| P13  | "        | 2      | 2      | 2   | 4      | "               | 3  | 2     | 2  | 2      |
| P14  | "        | 32     | 32     | 32  | 7      | Cap Stirrups    | 2  | 8     | 3  | 6      |
| P15  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 7 1/4  |
| P16  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 6 1/2  |
| P17  | "        | —      | 2      | —   | 7      | "               | 2  | 8     | 3  | 5 3/4  |
| P18  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 5      |
| P19  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 4 1/2  |
| P20  | "        | —      | 2      | —   | 7      | "               | 2  | 8     | 3  | 3 3/4  |
| P21  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 3      |
| P22  | "        | 2      | 2      | 2   | 7      | "               | 2  | 8     | 3  | 2 3/4  |
| P23  | ⑥        | 6      | 6      | 6   | 11     | Cap (Top)       | 33 | 6     | 2  | 0      |
| P24  | ⑪        | 2      | 2      | 2   | 11     | Cap (Bent)      | 3  | 0     | 2  | 0      |
| P25  | "        | 2      | 2      | 2   | 11     | "               | 12 | 0     | 2  | 0      |
| P26  | Not Used |        |        |     |        |                 | 12 | 0     | 2  | 0      |
| P27  | "        | 6      | 6      | 6   | 6      | Cap (Sides)     |    |       |    |        |
| P28  | ③        | 5      | 5      | 5   | 10     | Cap (Bottom)    | 27 | 0     | 2  | 10 1/2 |
| P29  | Str.     | 8      | 8      | 8   | 5      | Ext. Pads       | 2  | 8     | 2  | 8      |
| P30  | ③        | 16     | 16     | 16  | 5      | "               | 2  | 8     | 2  | 8      |
| P31  | Str.     | 8      | 8      | 8   | 5      | Int. Pads       |    |       |    |        |
| P32  | ⑩        | 10     | 10     | 10  | 4      | Columns Hoops   | 3  | 7     | 3  | 1      |
| P33  | ⑩        | —      | 28     | —   | 3      | "               | 27 | 0     | 6  | 1      |
| P34  | "        | —      | —      | 28  | 7      | "               | 26 | 0     | 6  | 1      |



Type ②



Type ②

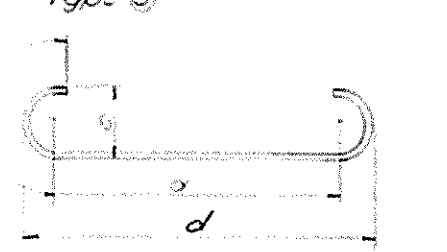


Type ③

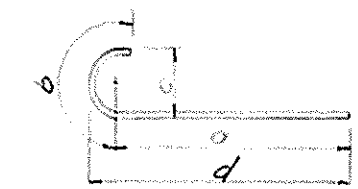
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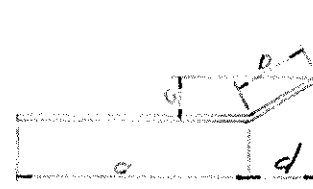
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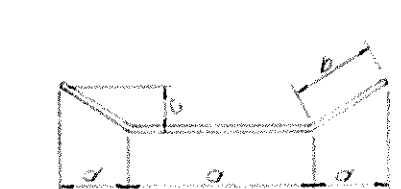
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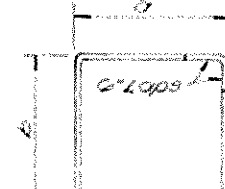
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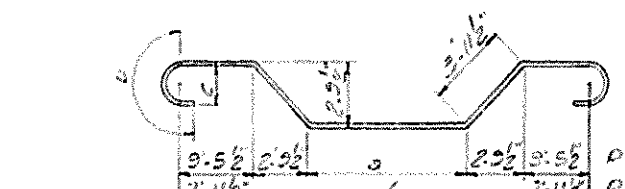
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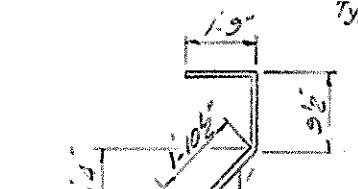
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Type ⑩



Type ⑪



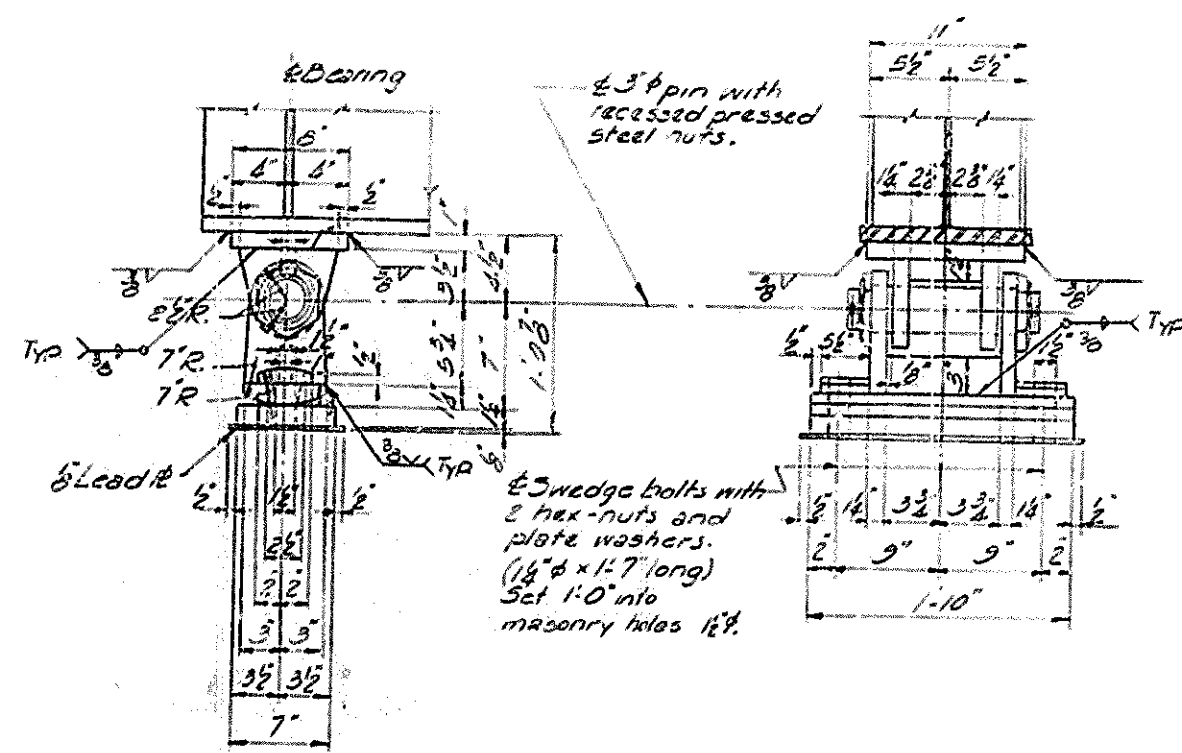
Type ⑫

CANE RUN RD. OVER I-64

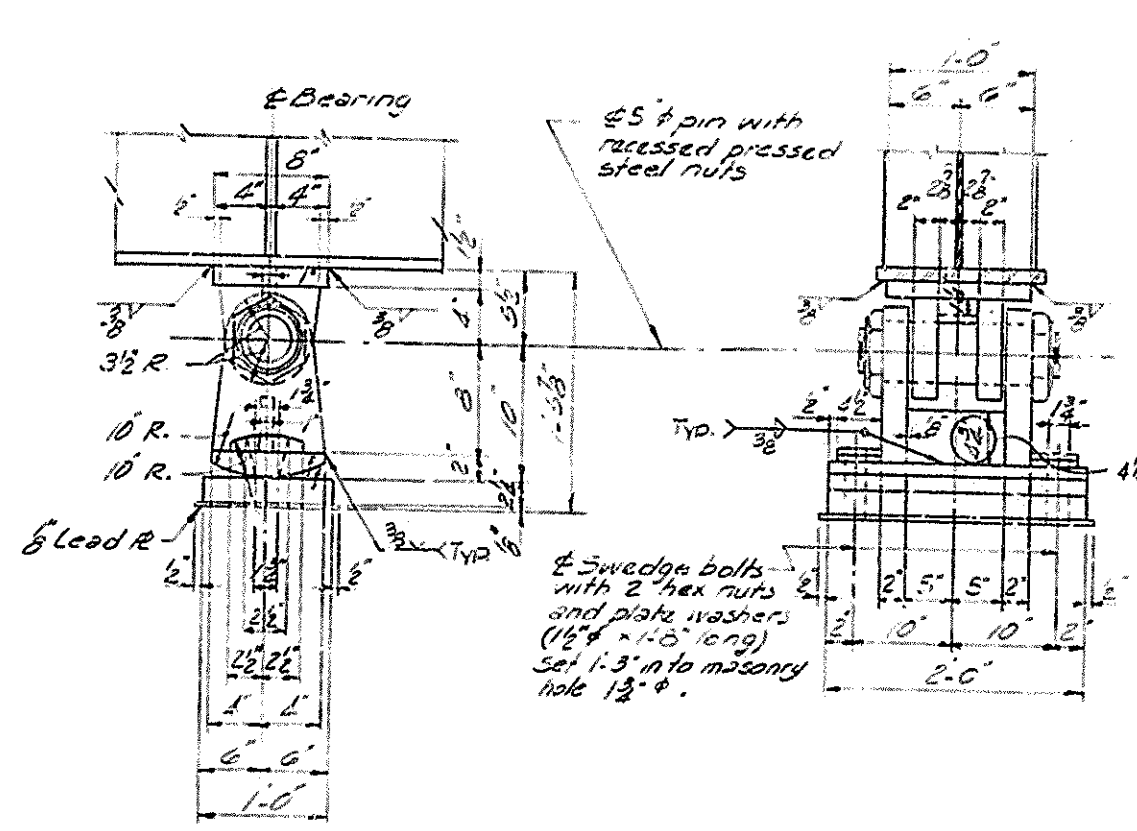
SHEET 9

COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE-LEXINGTON-CATLETTSBURG  
3142 + 56 26 164 + ROAD  
STATION 50+0000 CANE RUN RD. PROJECT NO.  
BRIDGE NUMBER 17615

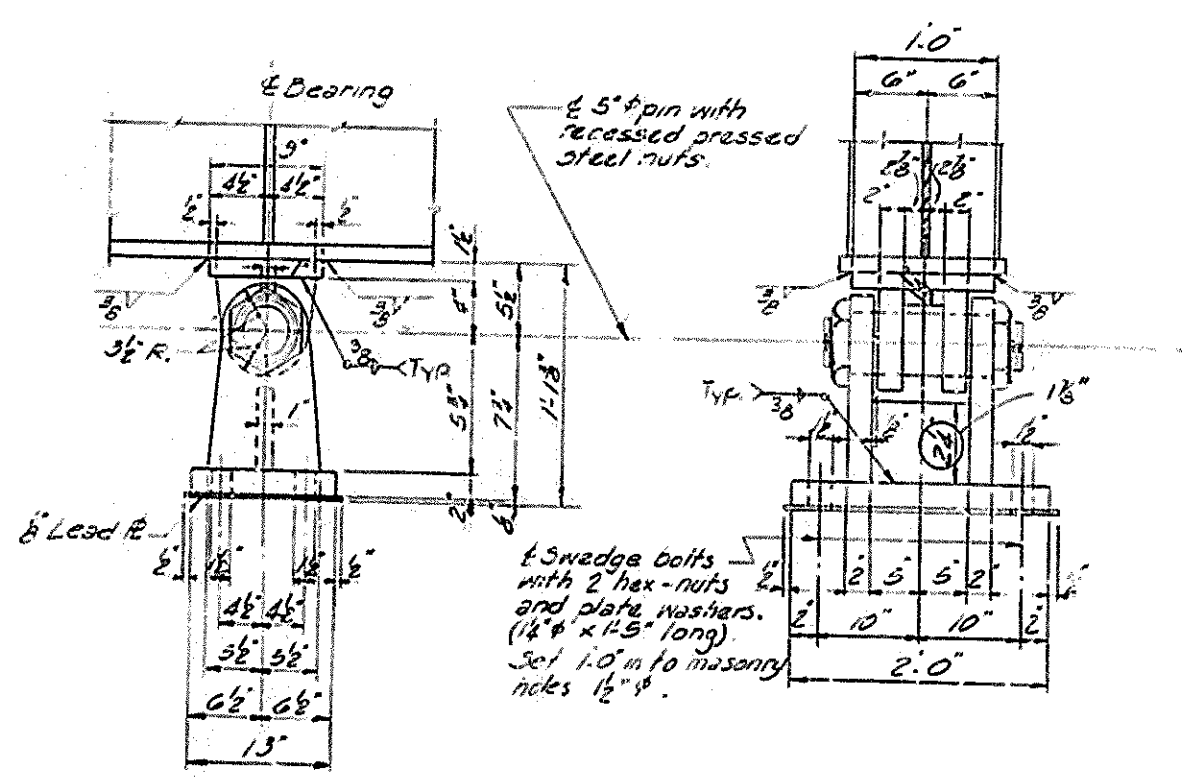
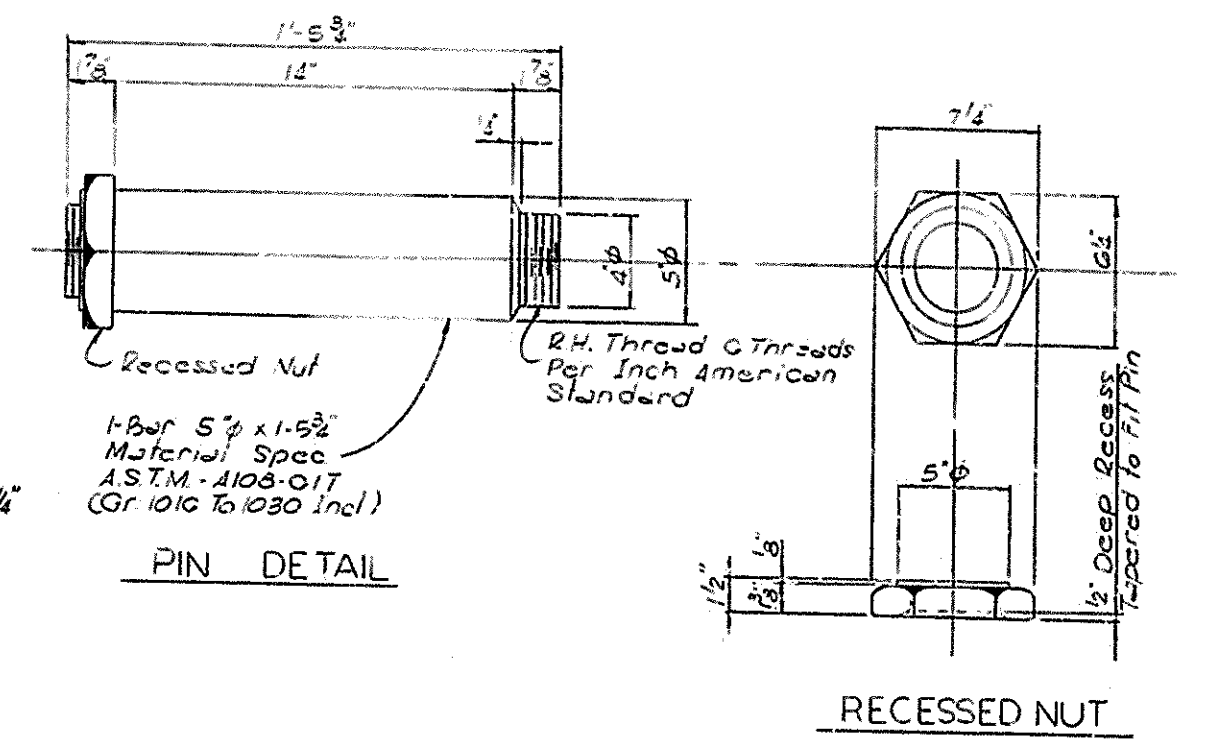
SUBSTRUCTURE



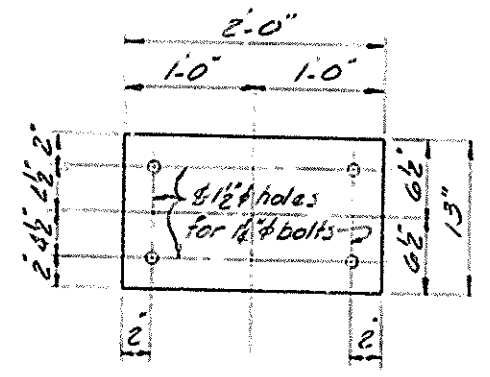
**DETAIL OF EXPANSION ROCKER AT END BENTS**  
 Capacity 100 kips  
 Weight, each shoe assembly 252 lb.



**DETAIL OF EXPANSION ROCKER AT PIERS 1 & 3**  
 Capacity 275 kips  
 Weight, each shoe assembly 600 lb.



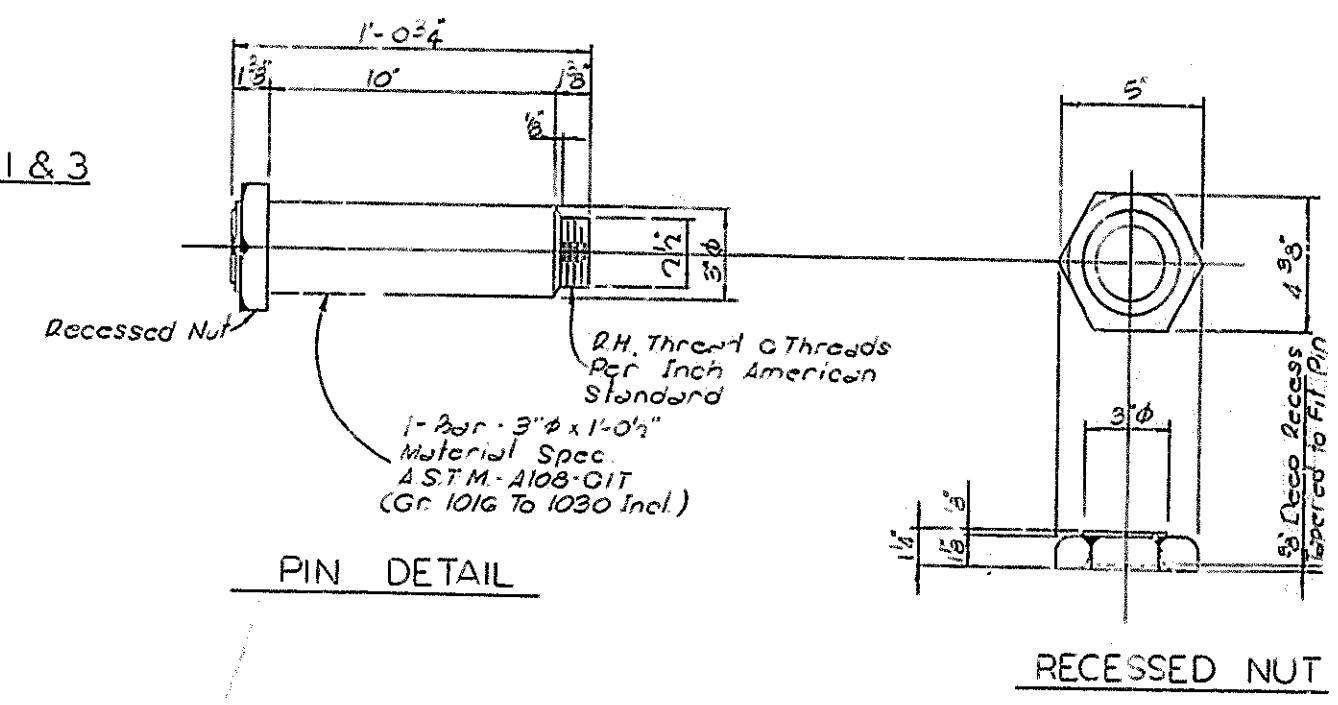
**DETAIL OF FIXED SHOE AT PIER**  
 Vertical Capacity 275 kips  
 Weight, each shoe assembly 465 lb.



**PLAN OF BOTTOM PLATE**

**NOTE -**  
 PLATES: Plates must be true and free from warp  
 ANCHOR BOLTS: See Anchor Bolt Note Sheet 9.  
 HOLES: For Anchor Bolts are to be as shown  
 WELDS: Use 3/8" Fillet Welds except as shown for  
 fabricating bearing devices.  
 All surfaces of plates in contact except bearing  
 surfaces to be welded.

| SURFACE FINISH OF STEEL SPECIFICATIONS                     |             |
|------------------------------------------------------------|-------------|
| STEEL SLABS                                                | A.S.A. 7000 |
| HEAVY PLATES IN CONTACT IN<br>SHOES TO BE WELDED           | A.S.A. 1000 |
| MILLED ENDS OF COMPRESSION<br>MEMBERS STIFFENERS & FILLERS | A.S.A. 500  |
| BRIDGE ROLLERS & ROCKERS                                   | A.S.A. 750  |



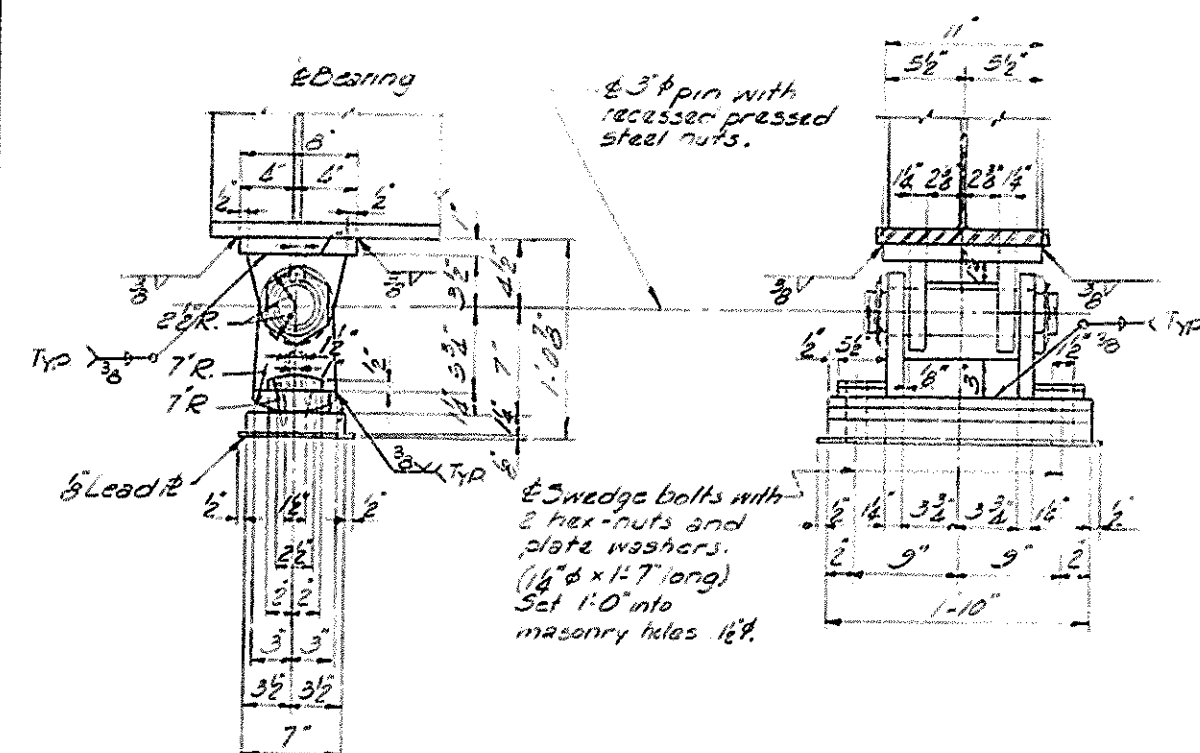
**SUPERSTRUCTURE**

CANE RUN RD OVER I-64 ROAD SHEET 15

**COMMONWEALTH OF KENTUCKY**  
 DEPARTMENT OF HIGHWAYS  
 FRANKFORT  
 COUNTY OF  
 SCOTT  
 LOUISVILLE - LEXINGTON - CATLETTSBURG

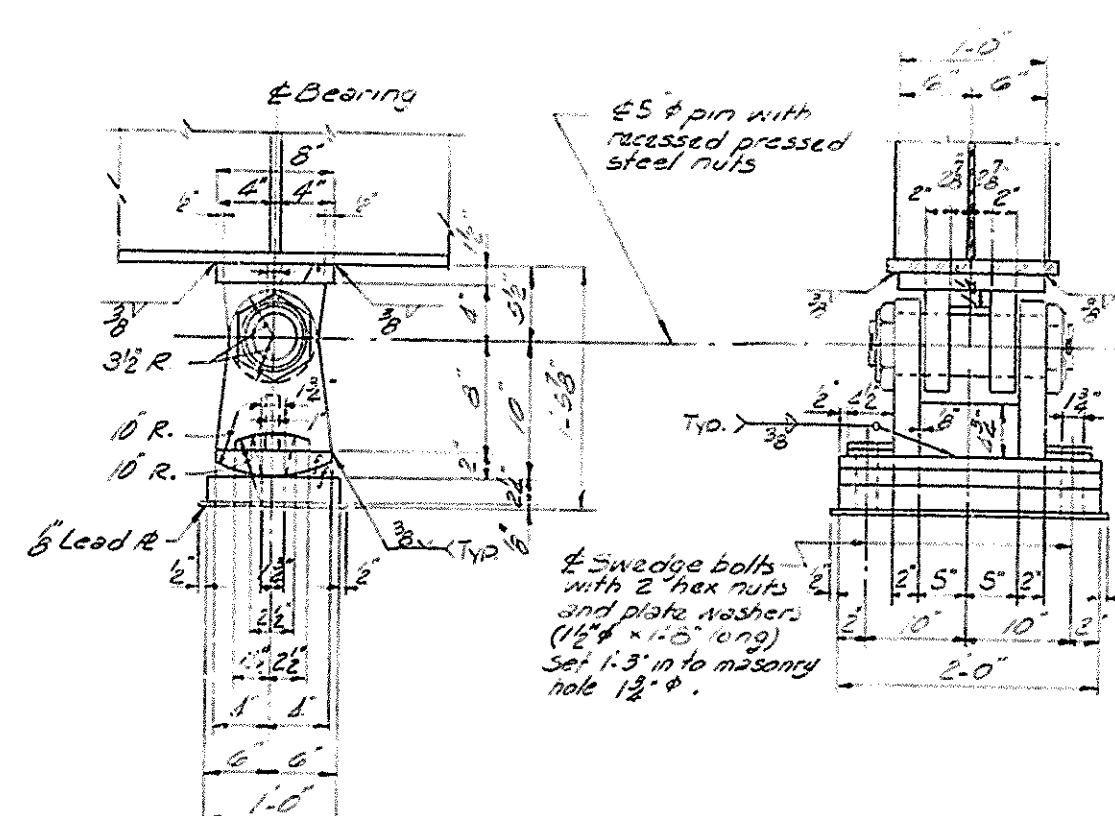
STATION 342+56.26 I-64  
 STATION 50+00.00 CANE RUN RD PROJECT NO.

BRIDGE NUMBER DRAWING INDEX  
 NO. 17E15



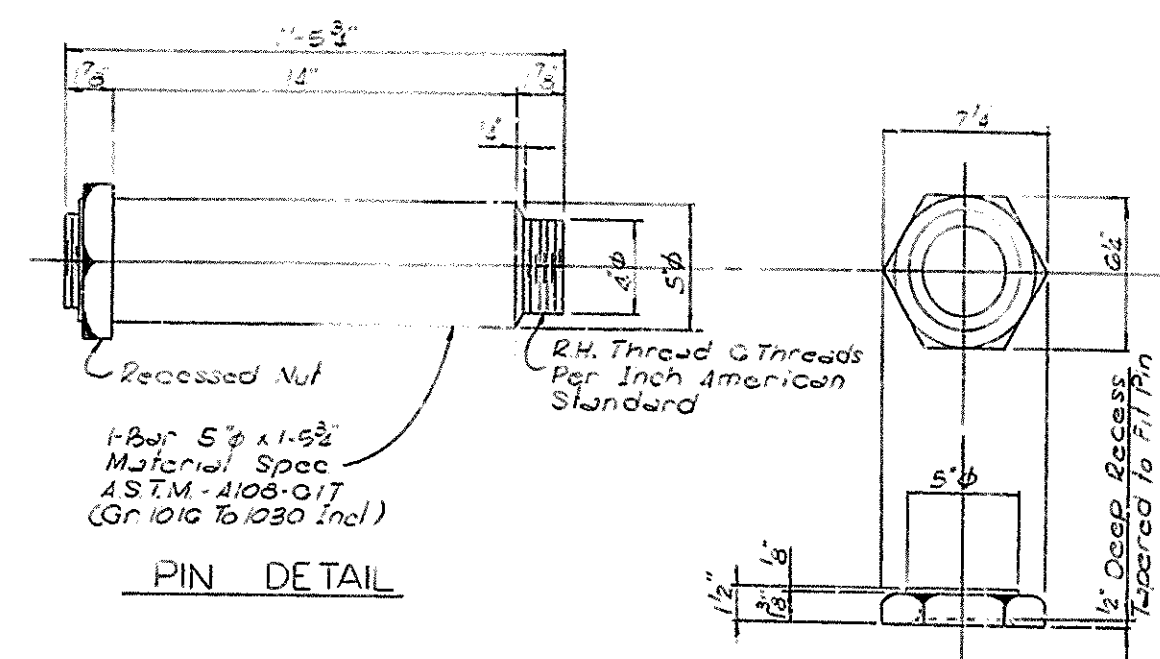
DETAIL OF EXPANSION ROCKER AT END BENTS

|                            |          |
|----------------------------|----------|
| Capacity                   | 100 kips |
| Weight, each shoe assembly | 252 lb.  |



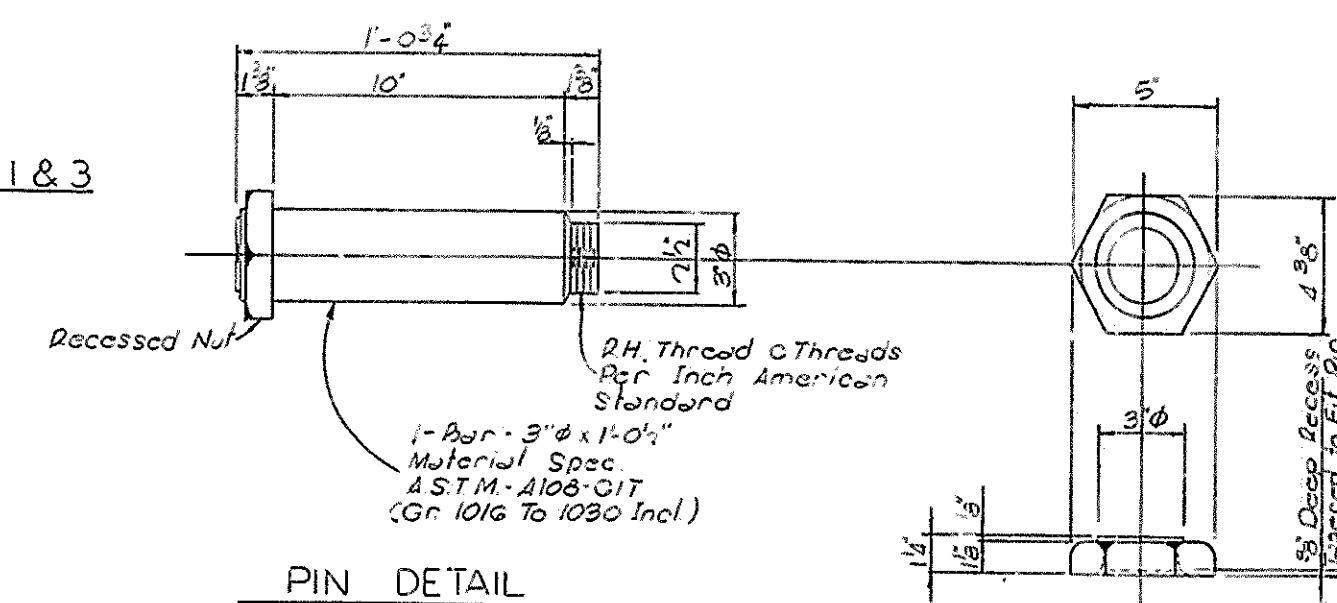
DETAIL OF EXPANSION ROCKER AT PIERS 1 & 3

Capacity 275 kips  
Weight, each shoe assembly 600 lb.



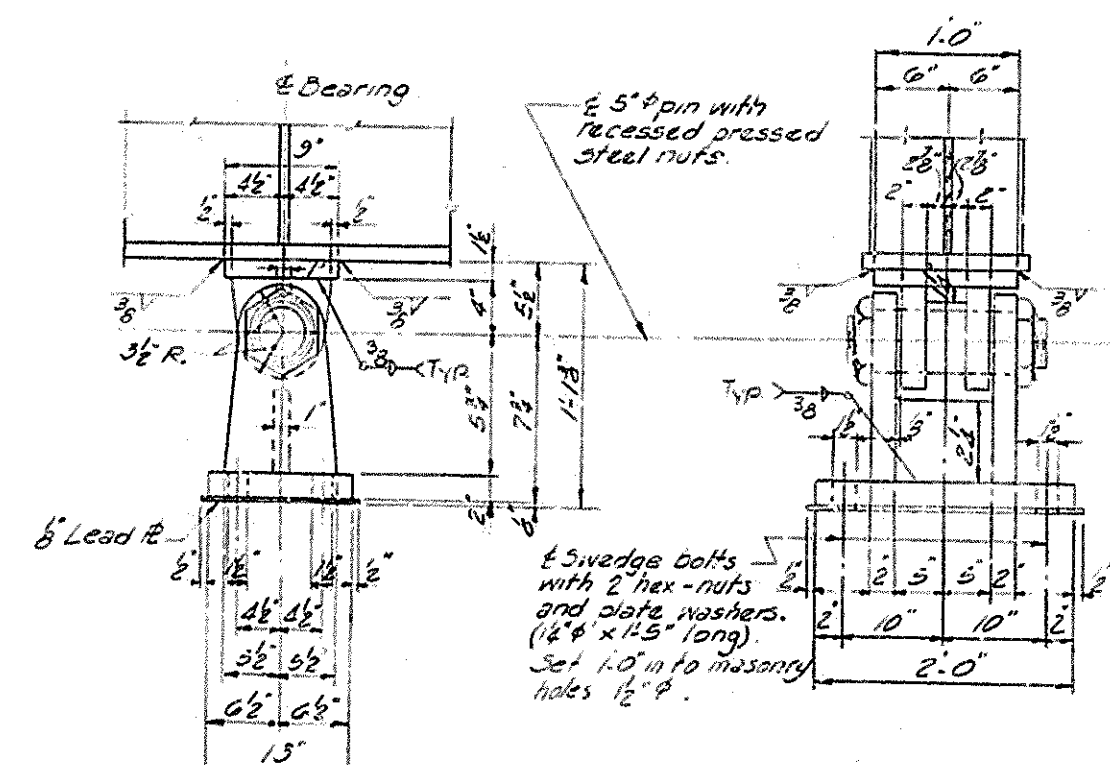
PIN DETAIL

RECESSED NUT



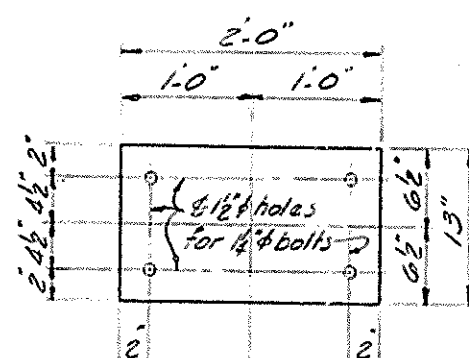
### PIN DETAIL

RECESSED NUT



DETAIL OF FIXED SHOE AT PIER

Vertical Capacity 275 kips  
Weight, each shoe assembly 465 lbs



PLAN OF BOTTOM PLATE

NOTE -

PLATES - Plates must be true and free from warp.  
ANCHOR BOLTS - See Anchor Bolt Note Sheet 7.  
Holes for Anchor Bolts are to be as shown.  
WELDS - Use 3/8" Fillet Welds except as shown for  
Fabricating bearing devices.  
All surfaces of plates in contact except bearing  
surfaces to be welded. STEEL

| <u>SURFACE FINISH OF STEEL SPECIFICATIONS</u>                          |            |
|------------------------------------------------------------------------|------------|
| <u>STEEL SLABS</u>                                                     | A.S.A 7000 |
| <u>HEAVY PLATES IN CONTACT IN<br/>SHOES TO BE WELDED</u>               | A.S.A 1000 |
| <u>MILLED ENDS OF COMPRESSION<br/>MEMBERS STIFFENERS &amp; FILLERS</u> | A.S.A 500  |
| <u>BRIDGE ROLLERS &amp; ROCKERS</u>                                    | A.S.A 750  |

# SUPERSTRUCTURE

CANE RUN RD OVER 1-64

SHEET IS

COMMONWEALTH OF KENTUCKY  
DEPARTMENT OF HIGHWAYS  
FRANKFORT  
COUNTY OF  
SCOTT  
LOUISVILLE - LEXINGTON - CATLETTSBURG

3142 - 5626 - 1-64 ROAD

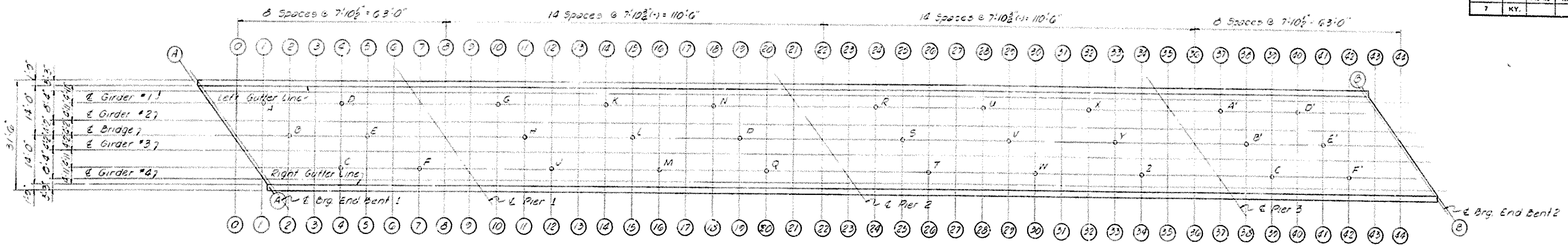
STATION 50+00.00 CANE RUN RD. PROJECT NO.

BRIDGE DRAWN

NUMBER 1517

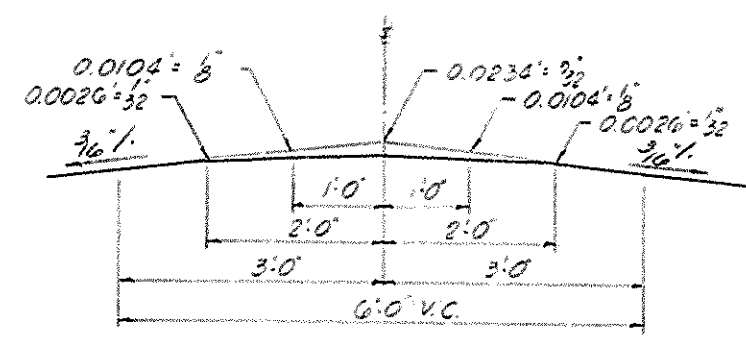
|         |     |
|---------|-----|
| DRAWING | END |
|---------|-----|

17615

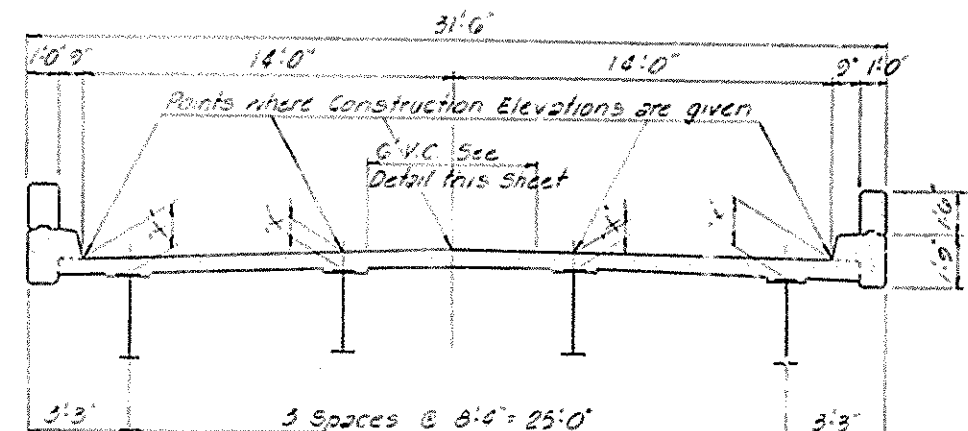


PLAN

| TABLE OF ELEVATIONS |                                                      |                                               |                      |                                               |                                                       | TABLE OF ELEVATIONS FOR CONTROL OF SLAB THICKNESS |                       |                          |                         |
|---------------------|------------------------------------------------------|-----------------------------------------------|----------------------|-----------------------------------------------|-------------------------------------------------------|---------------------------------------------------|-----------------------|--------------------------|-------------------------|
| Section             | Left Gutter Line<br>Const. El. Top of Steel Dim. 'X' | Girder #2<br>Const. El. Top of Steel Dim. 'X' | Bridge<br>Const. El. | Girder #3<br>Const. El. Top of Steel Dim. 'X' | Right Gutter Line<br>Const. El. Top of Steel Dim. 'X' | Slab Check Point                                  | Top of Slab Elevation | Bottom of Slab Elevation | Computed Slab Thickness |
| A-4                 | 876.182                                              | 876.553                                       | 876.623              | 876.728                                       | 876.798                                               | A                                                 | 876.534               |                          |                         |
| B-8                 | 875.357                                              | 875.328                                       | 875.329              | 875.344                                       | 875.055                                               | B                                                 | 877.166               |                          |                         |
| C-0                 | 876.536                                              | 876.635                                       | 876.724              |                                               |                                                       | C                                                 | .151                  |                          |                         |
| D-1                 | .758                                                 | .910                                          | .950                 | 876.906                                       |                                                       | D                                                 | 877.177               |                          |                         |
| E-2                 | .979                                                 | 877.124                                       | 877.124              | 876.966                                       |                                                       | E                                                 | .745                  |                          |                         |
| F-3                 | 877.171                                              | .229                                          | .372                 | .930                                          | 877.177                                               | F                                                 | .286                  |                          |                         |
| G-4                 | .362                                                 | .321                                          | .565                 | .524                                          | .375                                                  | G                                                 | 878.533               |                          |                         |
| H-5                 | .549                                                 | .706                                          | .743                 | .710                                          | .564                                                  | H                                                 | .808                  |                          |                         |
| I-6                 | .725                                                 | .264                                          | .323                 | .299                                          | .740                                                  | I                                                 | .829                  |                          |                         |
| J-7                 | .919                                                 | 878.165                                       | 878.164              | 878.042                                       | .910                                                  | J                                                 | 879.124               |                          |                         |
| K-8                 | 875.105                                              | .242                                          | .230                 | .235                                          | 875.077                                               | K                                                 | .361                  |                          |                         |
| L-9                 | .287                                                 | .420                                          | .455                 | .405                                          | .243                                                  | L                                                 | .350                  |                          |                         |
| M-10                | .469                                                 | .596                                          | .629                 | .579                                          | .408                                                  | M                                                 | .483                  |                          |                         |
| N-11                | .636                                                 | .771                                          | .802                 | .749                                          | .573                                                  | N                                                 | .685                  |                          |                         |
| O-12                | .787                                                 | .923                                          | .964                 | .914                                          | .736                                                  | O                                                 | .644                  |                          |                         |
| P-13                | .925                                                 | 879.679                                       | 879.111              | 879.045                                       | .893                                                  | P                                                 | .689                  |                          |                         |
| Q-14                | 879.045                                              | .803                                          | .844                 | .799                                          | 879.036                                               | Q                                                 | .217                  |                          |                         |
| R-15                | .150                                                 | .315                                          | .561                 | .320                                          | .164                                                  | R                                                 | .103                  |                          |                         |
| S-16                | .242                                                 | .413                                          | .460                 | .423                                          | .276                                                  | S                                                 | .049                  |                          |                         |
| T-17                | .322                                                 | .497                                          | .547                 | .512                                          | .371                                                  | T                                                 | .147                  |                          |                         |
| U-18                | .395                                                 | .570                                          | .620                 | .587                                          | .452                                                  | U                                                 | .201                  |                          |                         |
| V-19                | .465                                                 | .625                                          | .685                 | .652                                          | .519                                                  | V                                                 | .255                  |                          |                         |
| W-20                | .535                                                 | .693                                          | .746                 | .710                                          | .575                                                  | W                                                 | .307                  |                          |                         |
| X-21                | .606                                                 | .761                                          | .806                 | .763                                          | .629                                                  | X                                                 | .358                  |                          |                         |
| Y-22                | .679                                                 | .825                                          | .865                 | .825                                          | .679                                                  | Y                                                 | .407                  |                          |                         |
| Z-23                | .752                                                 | .890                                          | .928                 | .885                                          | .729                                                  | Z                                                 | .453                  |                          |                         |
| AA-24               | .823                                                 | .955                                          | .991                 | .943                                          | .780                                                  | AA                                                | .501                  |                          |                         |
| AB-25               | .884                                                 | 880.019                                       | 880.052              | 880.002                                       | .832                                                  | AB                                                | .544                  |                          |                         |
| AC-26               | .941                                                 | .076                                          | .110                 | .059                                          | .884                                                  | AC                                                | .584                  |                          |                         |
| AD-27               | .983                                                 | .124                                          | .158                 | .109                                          | .934                                                  | AD                                                | .622                  |                          |                         |
| AE-28               | 880.010                                              | .157                                          | .195                 | .147                                          | .976                                                  | AE                                                | .655                  |                          |                         |
| AF-29               | .080                                                 | .177                                          | .217                 | .172                                          | 880.006                                               | AF                                                | .682                  |                          |                         |
| AG-30               | .014                                                 | .173                                          | .223                 | .182                                          | .023                                                  |                                                   |                       |                          |                         |
| AH-31               | 879.924                                              | .166                                          | .212                 | .174                                          | .026                                                  |                                                   |                       |                          |                         |
| AI-32               | .940                                                 | .157                                          | .167                 | .152                                          | .011                                                  |                                                   |                       |                          |                         |
| AJ-33               | .919                                                 | .695                                          | .147                 | .117                                          | 879.982                                               |                                                   |                       |                          |                         |
| AK-34               | .877                                                 | .047                                          | .097                 | .064                                          | .928                                                  |                                                   |                       |                          |                         |
| AL-35               | .854                                                 | 879.923                                       | .045                 | .011                                          | .878                                                  |                                                   |                       |                          |                         |
| AM-36               | .799                                                 | .948                                          | 879.923              | 879.955                                       | .817                                                  |                                                   |                       |                          |                         |
| AN-37               | .745                                                 | .897                                          | .939                 | .900                                          | .764                                                  |                                                   |                       |                          |                         |
| AO-38               | .697                                                 | .846                                          | .885                 | .843                                          | .632                                                  |                                                   |                       |                          |                         |
| AP-39               | .643                                                 | .789                                          | .823                 | .785                                          | .628                                                  |                                                   |                       |                          |                         |
| AQ-40               | .576                                                 | .727                                          | .766                 | .722                                          | .563                                                  |                                                   |                       |                          |                         |
| AR-41               | .500                                                 | .653                                          | .695                 | .652                                          | .494                                                  |                                                   |                       |                          |                         |
| AS-42               | .411                                                 | .570                                          | .611                 | .570                                          | .415                                                  |                                                   |                       |                          |                         |
| AT-43               |                                                      | .474                                          | .517                 | .478                                          | .385                                                  |                                                   |                       |                          |                         |
| AU-44               |                                                      |                                               | .419                 | .374                                          | .226                                                  |                                                   |                       |                          |                         |



PARABOLIC CROWN



TYPICAL SECTION

CONSTRUCTION NOTES

Layout Sections 0+0 to 44+44 as shown in plan on this sheet. (Center punch marks on top of girders for elevation points.)  
 Take elevations on top of steel at points indicated after cross frames are in place and after all false work has been removed, but before forms for concrete slab have been put in place. Read elevations to three decimals using a target rod and enter readings in table under 'Top of Steel'.  
 Compute dimension 'X' as follows: Construction Elevation minus Top of Steel equals Dimension 'X'. Construction elevations include camber due to weight of concrete slab, plinth, handrail and future surfacing.  
 For setting templates measure Dimension 'X' above Top of Steel for top of template. Do not set template by elevations.  
 Construct handrail plinth to curb grade. Do not add camber to handrail plinth.  
 Slab elevation tolerances are based on delivery to the bridge site of fabricated steel having dimension and sweep tolerances meeting the requirements of A.W.S. Specifications, current edition per 40% for welded girders, and are based on erection of the steel undamaged.

NOTE -

SLAB THICKNESS CONTROL - After the slab forms are erected and before the slab reinforcement is placed, the Resident Engineer shall take field elevations at the slab thickness check points and enter them in the table in the space provided. The slab thickness shall then be computed. If the computed slab thickness varies more than 1/4\"/>

ELEVATIONS

CANE RUN ROAD OVER I-64 SHEET 16

**COMMONWEALTH OF KENTUCKY**  
 DEPARTMENT OF HIGHWAYS  
 FRANKFORT  
 COUNTY OF  
**SCOTT**  
 LOUISVILLE-LEXINGTON-CATLETTSBURG

31/2+55.26 I-64 ROAD  
 STATION 50+00.00 CANE RUN RD. PROJECT NO.

|               |             |       |
|---------------|-------------|-------|
| BRIDGE NUMBER | DRAWING NO. | INDEX |
|               | 17615       |       |