



MICROFILMED  
SEP 24 1984

GENERAL NOTES

|             |       |         |  |
|-------------|-------|---------|--|
| FHWA REGION | STATE | PROJECT |  |
| 5           | OHIO  |         |  |

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HANCOCK COUNTY  
HAN-37-0729

PLAN NO. BR-136-82

DESIGN SPECIFICATIONS - This structure conforms to "Standard Specifications for Highway Bridges" adopted by the American Association of State Highway and Transportation Officials, 1977, including the 1978, 1979, 1980, 1981, 1982 and Interim Specifications and the Ohio "Supplement" to these specifications.

DESIGN LOADING - HS 20-44

ITEM 603, CONDUIT - The location, type, size, and grade of the required replacement conduits will be verified by the Engineer prior to placing proposed conduits, and payment shall be made on the final measurements. Necessary bends branches or connections shall be included for payment in the pertinent 603 conduit item.

CONDUIT END TREATMENT - Immediately after placement of any conduits, the Contractor shall construct the end treatments required by the plans at both the outlet and inlet ends. This shall include headwalls, concrete riprap, rock channel protection, sodding, etc.

DETOUR LIMITATIONS - SR 37 will not be closed in excess of 45 calendar days for the entire project. If SR 37 is not open as specified, the Contractor will be liable for liquidated damages as per 108.07 of the C.M.S.

TACK COAT - The rate of application of the tack coat shall not exceed 10 gal. per square yard.

ITEM 619, FIELD OFFICE - The Contractor shall provide a suitable field office having a minimum of 150 sq. ft. of floor space which shall be in accordance with 619.01 and 619.02. Payment for the above shall be included in the Lump Sum price bid for Item 619, Field Office.

ITEM 207, STRAW OR HAY BALES - The quantity shown on this item is an estimated quantity and will be used as directed by the Engineer to prevent any erosion that may be encountered during the construction of this project.

UTILITY OWNERSHIP - Hancock Wood Electric Coop Inc.  
P.O. Box 188  
2451 Grant Road  
North Baltimore, Ohio 45872  
419-257-3241

EROSION CONTROL - Item 601 is provided in the plans for erosion control. Rock of a stable nature will not be removed in order to place any of this item.

ITEM 503, ROCK EXCAVATION - This is an estimated quantity for placement of the proposed footer for the headwall and footer for the metal box culvert.

| GENERAL SUMMARY |       |         |   |  |
|-----------------|-------|---------|---|--|
| Item            | Total | Unit    | Description   |  |
| 201             | Lump  | Lump    | Clearing and grubbing   |  |
| 202             | Lump  | Lump    | Structure removed   |  |
| 203             | 234   | Cu.Yd.  | Excavation not including embankment construction  |  |
| 203             | 543   | Cu.Yd.  | Embankment  |  |
| 207             | 60    | Each    | Straw or hay bales  |  |
| 404             | 64    | Cu.Yd.  | Asphalt concrete, AC-20   |  |
| 407             | 97    | Gal.    | Tack coat   |  |
| 503             | 6     | Cu.Yd.  | Rock excavation   |  |
| 511             | 49    | Cu.Yd.  | Class C concrete, footer  |  |
| 601             | 116   | Cu.Yd.  | Rock channel protection, type C without filter  |  |
| 602             | 25    | Cu.Yd.  | Concrete masonry  |  |
| 603             | 120   | Lin.Ft. | Corrugated multiplate box on conc. footers; 18'-10" x 5'-8" (1 ga.) in accord. with 70703 |  |
| 603             | 180   | Lin.Ft. | 10" conduit, type E   |  |
| 603             | 30    | Lin.Ft. | 12" conduit, type F   |  |
| 617             | 17    | Cu.Yd.  | Compacted aggregate   |  |
| 659             | 2567  | Sq.Yd.  | Seeding and mulching  |  |
| 659             | .23   | Ton     | Commercial fertilizer   |  |
| 619             | Lump  | Lump    | Field office  |  |
| 623             | Lump  | Lump    | Construction layout stakes  |  |
| 624             | Lump  | Lump    | Mobilization  |  |
| 614             | Lump  | Lump    | Maintaining traffic   |  |

REV. 11-18-83 RLE

STATE OF OHIO  
DEPARTMENT OF TRANSPORTATION  
DISTRICT ONE

GENERAL NOTES &  
GENERAL SUMMARY

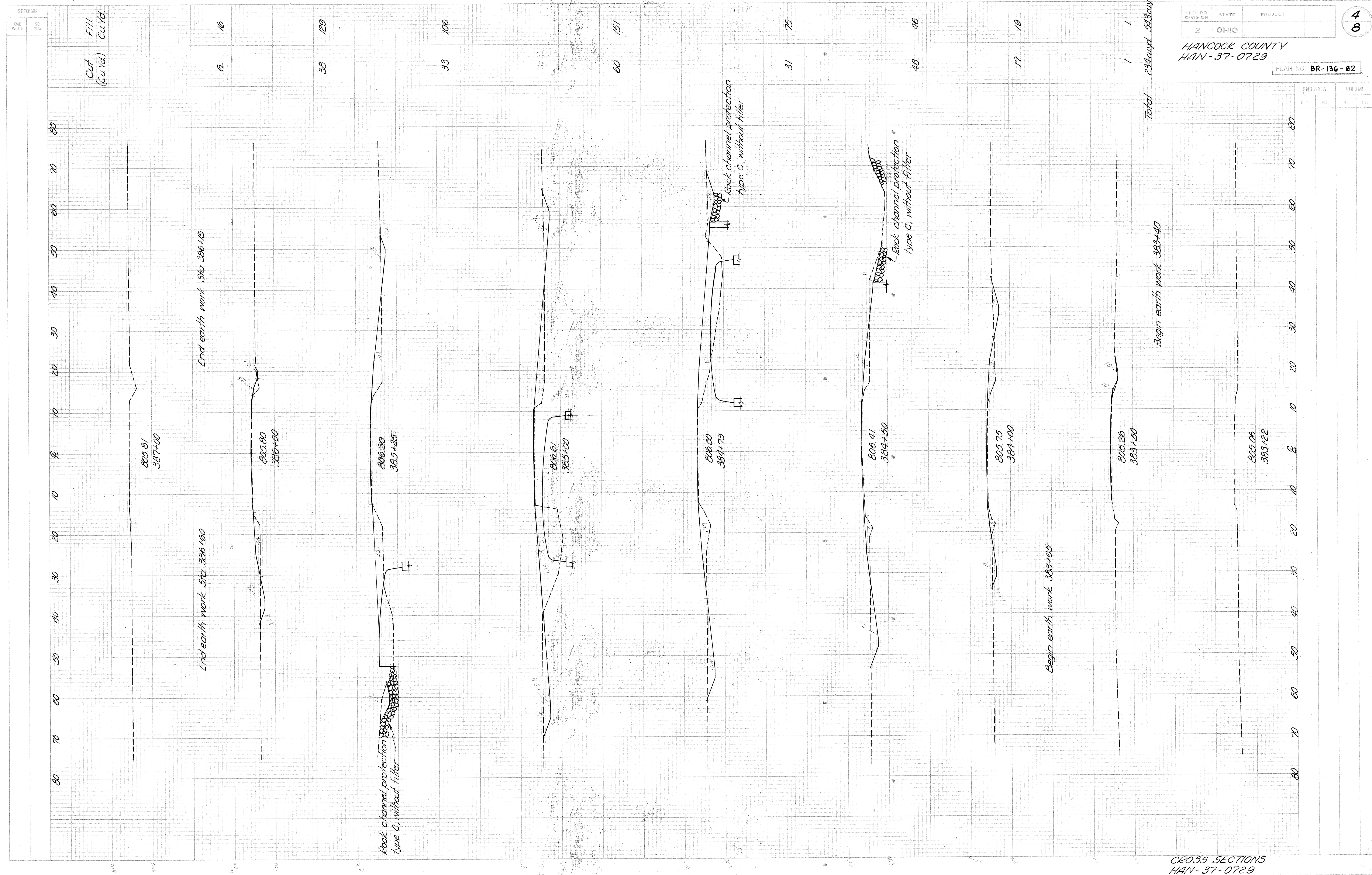
BRIDGE N<sup>o</sup> HAN-37-0729  
OVER SILVER CREEK

|                    |                   |                    |                     |               |         |
|--------------------|-------------------|--------------------|---------------------|---------------|---------|
| DESIGN<br>T. W. B. | DRAWN<br>T. W. B. | TRACED<br>T. W. B. | CHECKED<br>B. E. H. | REVIEWED DATE | REVISED |
| 12/14/82           | 12/14/82          | 12/14/82           | 12/23/82            |               |         |

SCANNED  
JUL 24 2001  
ARCHIVE



SCANNED  
 JUL 24 2001  
 DISTRICT  
 ARCHIVE



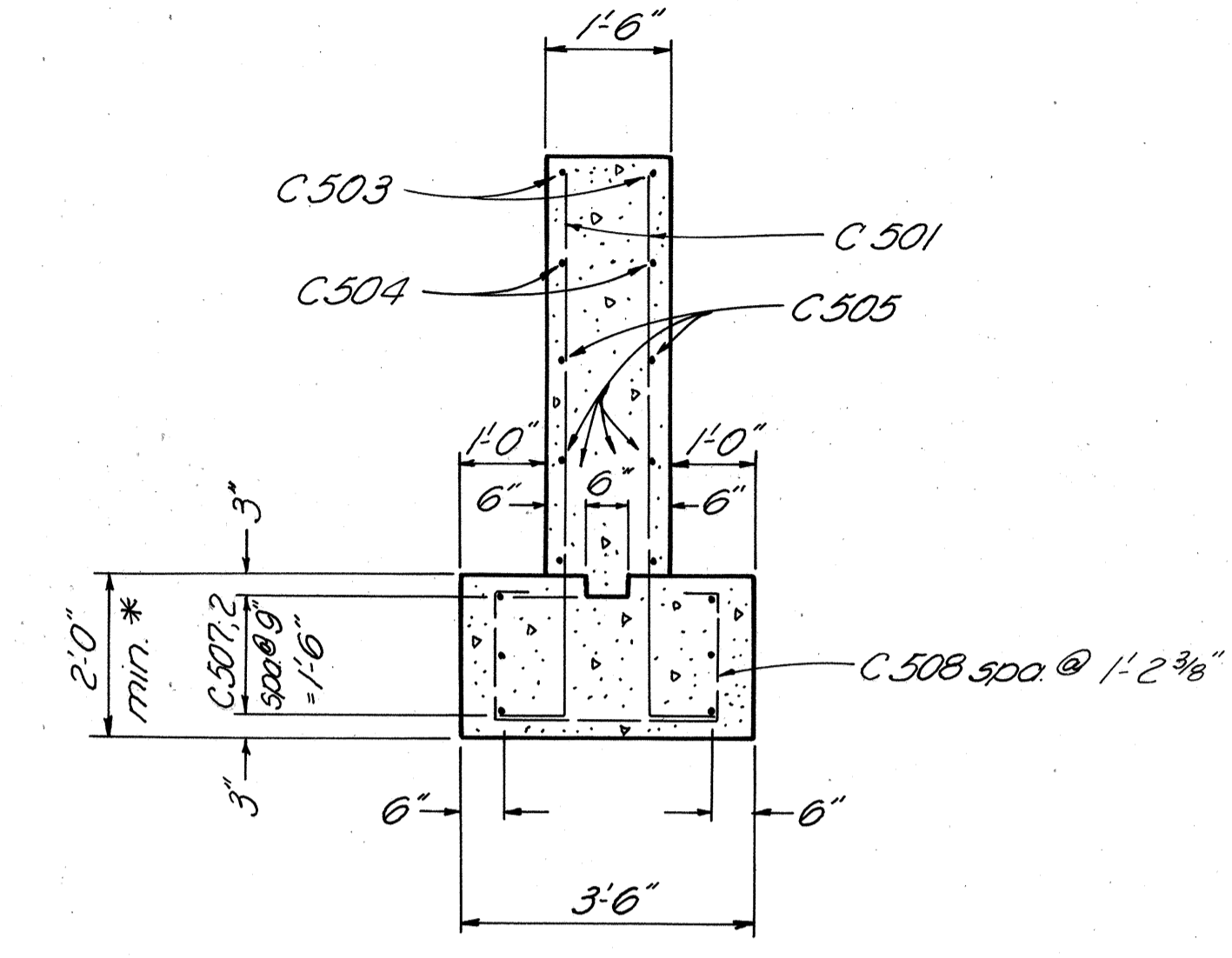
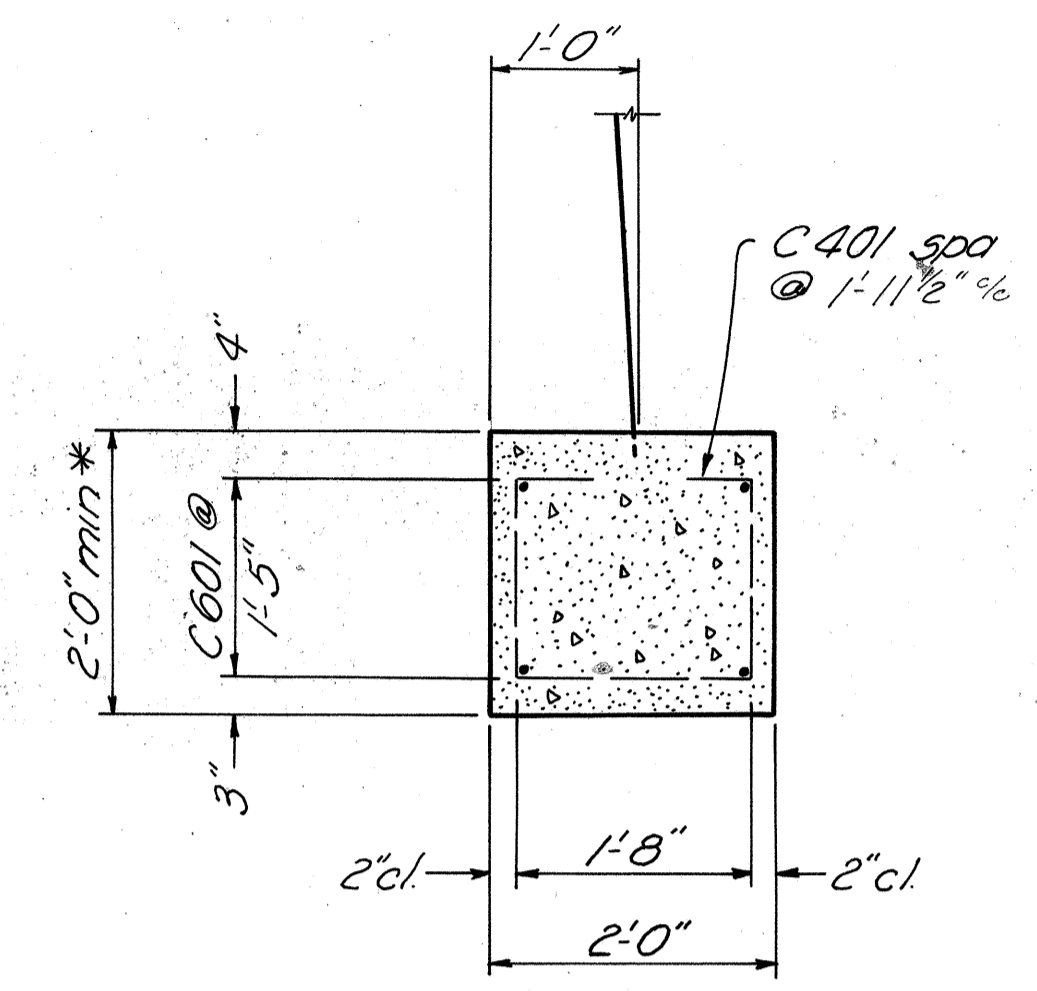
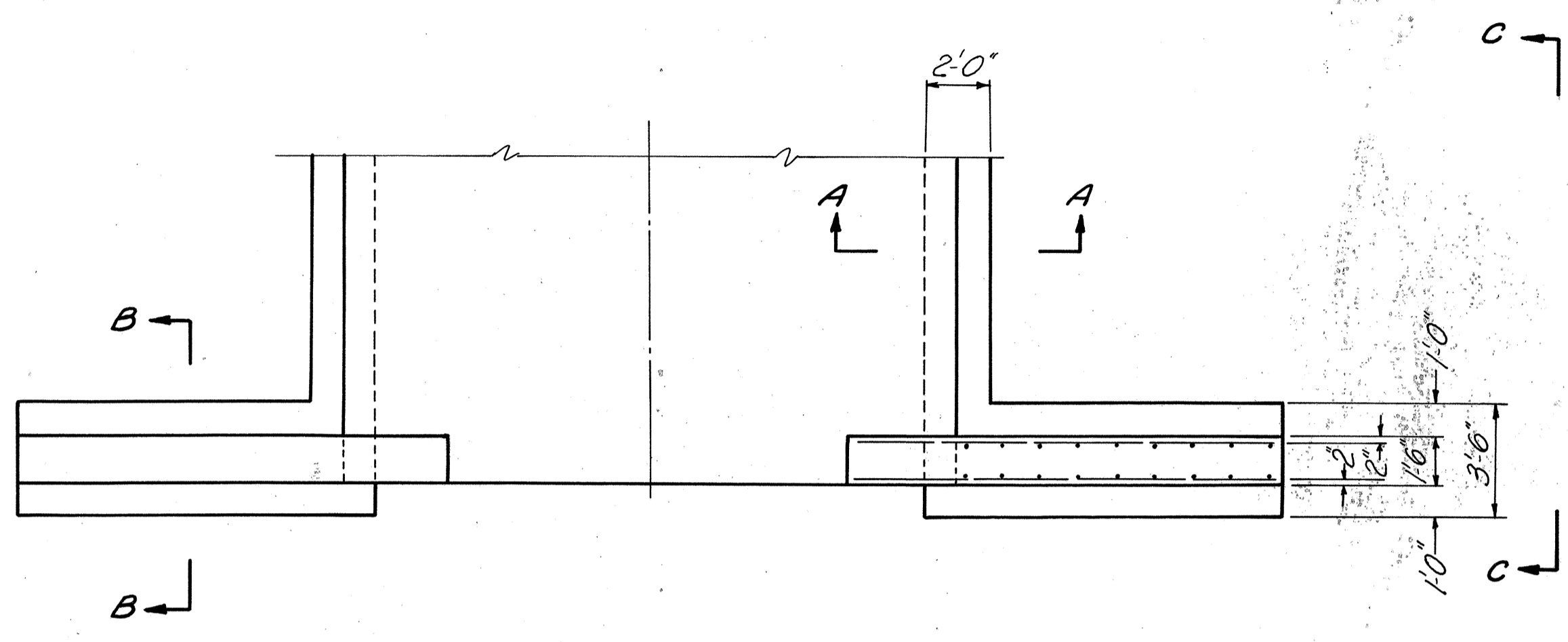
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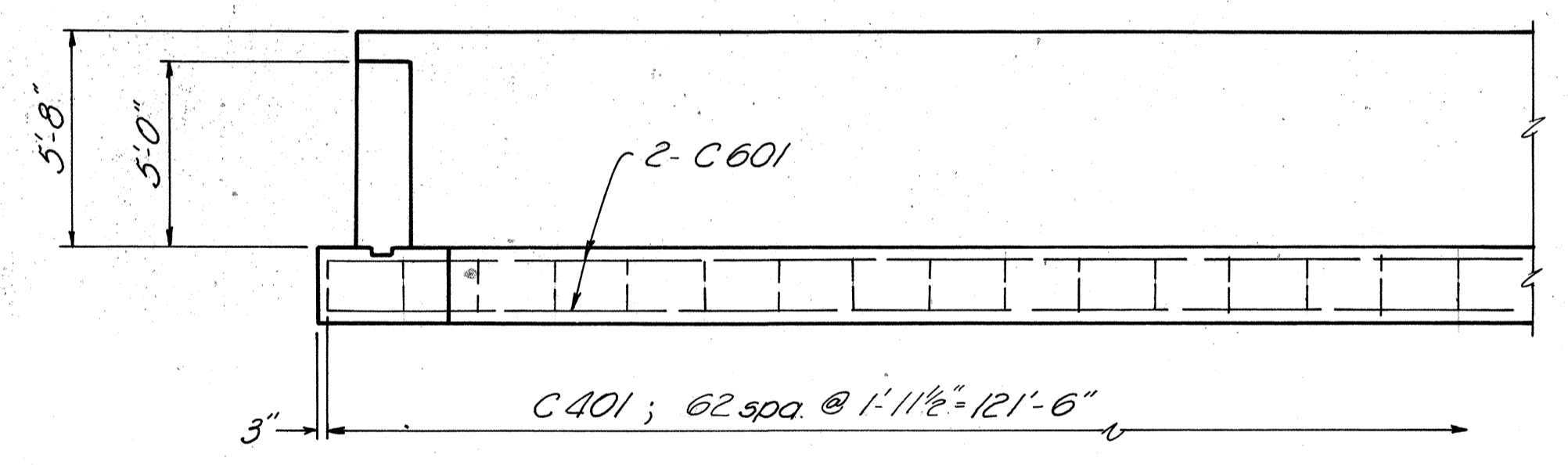
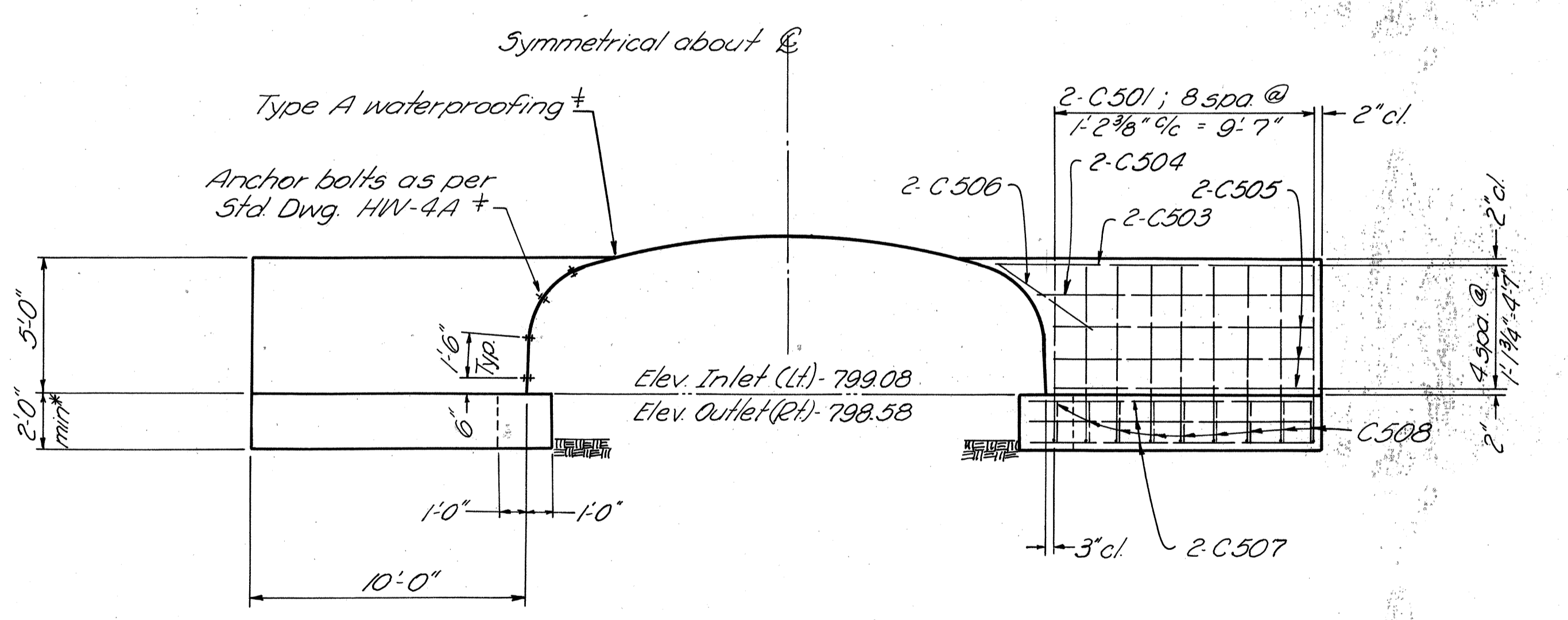
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HANCOCK COUNTY  
HAN-37-0729

PLAN NO. BR-136-BZ



\* To be included in the unit price bid for Item 602, Concrete Masonry



| REINFORCING STEEL LIST |                |        |        |     | Bending Diagrams |         |
|------------------------|----------------|--------|--------|-----|------------------|---------|
| Mark                   | N <sup>o</sup> | Length | Weight | Shp |                  |         |
| C401                   | 126            | 4'-1"  | †      | B   | 6"               | 6" C401 |
| C501                   | 72             | 7'-4"  | †      | B   | 6"               | 6" C508 |
| C503                   | 8              | 11'-8" | †      | S   |                  |         |
| C504                   | 8              | 10'-1" | †      | S   |                  |         |
| C505                   | 24             | 9'-6"  | †      | S   |                  |         |
| C506                   | 8              | 4'-5"  | †      | S   |                  |         |
| C507                   | 24             | 10'-6" | †      | S   | C401             | 1'-8"   |
| C508                   | 36             | 5'-8"  | †      | B   | C508             | 3'-2"   |
| C601                   | 32             | 32'-0" | †      | S   |                  |         |

\* The footer must extend to a minimum of 3" into the existing rock for placement of the proposed footer. The footer may vary in depth from 3'-4" at the inlet to 2'-0" at the outlet. In no case, however, shall the depth of the footer be less than 2'-0".

|   |                   |                    |                     |          |      |         |
|---|-------------------|--------------------|---------------------|----------|------|---------|
| STATE OF OHIO<br>DEPARTMENT OF TRANSPORTATION<br>DISTRICT ONE |                   |                    |                     |          |      |         |
| HEADWALL DETAILS  |                   |                    |                     |          |      |         |
| BRIDGE N <sup>o</sup> HAN-37-0729<br>OVER SILVER CREEK        |                   |                    |                     |          |      |         |
| DESIGN<br>T. W. B.  | DRAWN<br>T. W. B. | TRACED<br>T. W. B. | CHECKED<br>B. E. H. | REVIEWED | DATE | REVISED |
| 11/26/82  | 11/26/82          | 12/9/82            | 12/16/82            |          |      |         |