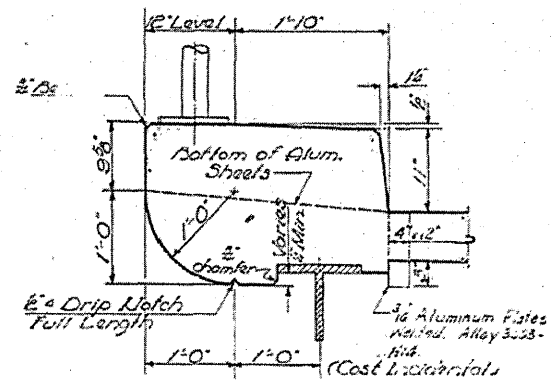
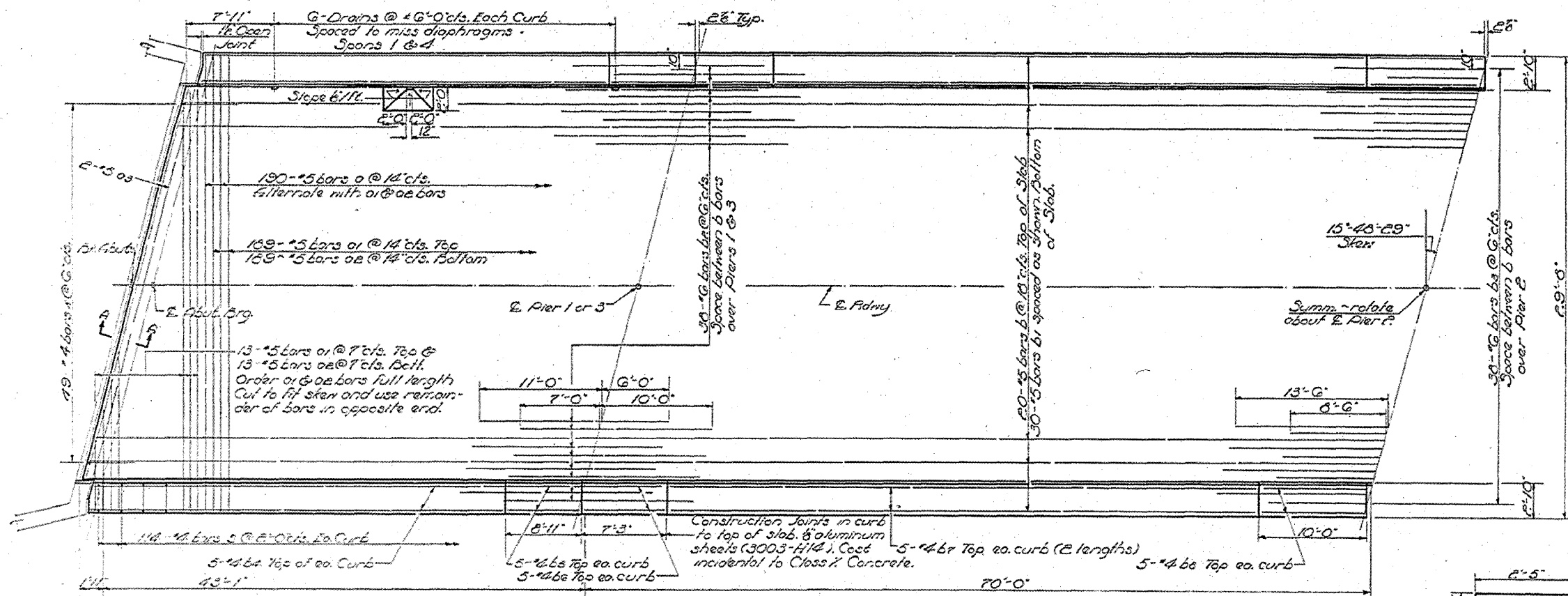
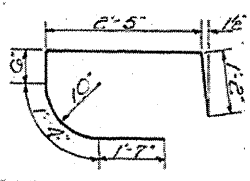
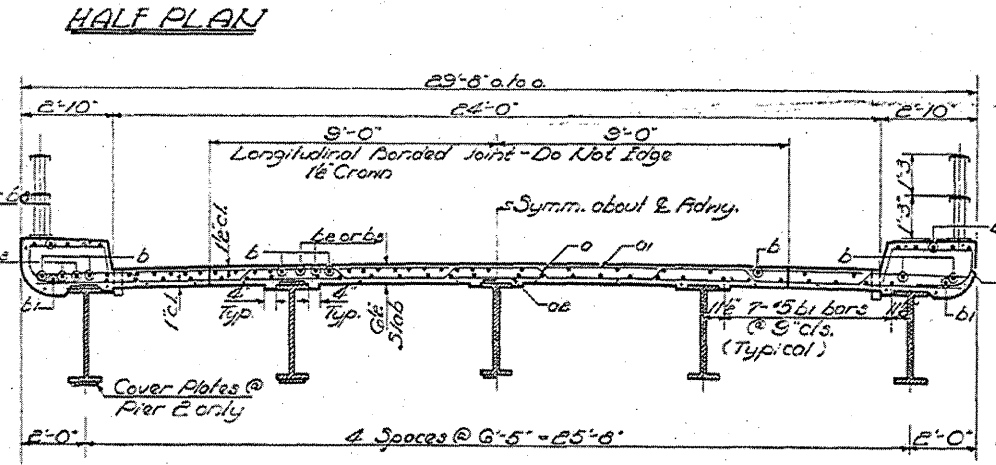


STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS & BUILDINGS  
DIVISION OF HIGHWAYS

|           |         |            |              |           |
|-----------|---------|------------|--------------|-----------|
| ROUTE NO. | SECTION | EDWY       | TOTAL SHEETS | SHEET NO. |
| I.A.S.T.  | 75-119  | CUMBERLAND | 12 5         | 10 SHEETS |
| 74401     |         |            |              |           |



**METHOD OF DETERMINING FILLET HEIGHTS 1"**  
After all structural steel has been erected, elevations of the top flanges of the beams shall be taken, of the stations shown in Sheet 9. These elevations subtracted from the Theoretical Cross Elevations adjusted for Dead Load Collector, shown on Sheet 9, minus floor thickness equals the fillet heights above top of beams.



**BILL OF MATERIALS**

| Bar No. | Size | Length | Quantity |
|---------|------|--------|----------|
| 0       | 180  | 30.0   | 1        |
| 01      | 200  | 16.0   | 1        |
| 02      | 200  | 16.0   | 1        |
| 03      | 4    | 16.0   | 1        |
| 04      | 180  | 13.0   | 1        |
| 05      | 210  | 16.0   | 1        |
| 06      | 15   | 17.0   | 1        |
| 07      | 30   | 19.0   | 1        |
| 08      | 20   | 18.0   | 1        |
| 09      | 20   | 17.0   | 1        |
| 10      | 40   | 21.0   | 1        |
| 11      | 20   | 16.0   | 1        |
| 12      | 30   | 16.0   | 1        |
| 13      | 20   | 16.0   | 1        |
| 14      | 20   | 16.0   | 1        |
| 15      | 30   | 16.0   | 1        |
| 16      | 20   | 16.0   | 1        |
| 17      | 30   | 16.0   | 1        |
| 18      | 20   | 16.0   | 1        |
| 19      | 20   | 16.0   | 1        |
| 20      | 20   | 16.0   | 1        |
| 21      | 20   | 16.0   | 1        |
| 22      | 20   | 16.0   | 1        |
| 23      | 20   | 16.0   | 1        |
| 24      | 20   | 16.0   | 1        |
| 25      | 20   | 16.0   | 1        |
| 26      | 20   | 16.0   | 1        |
| 27      | 20   | 16.0   | 1        |
| 28      | 20   | 16.0   | 1        |
| 29      | 20   | 16.0   | 1        |
| 30      | 20   | 16.0   | 1        |

Class X Concrete Cur. 50' 15%  
Structural Steel 1.1. 15.00  
Reinforcement Bars 1.1. 15.00

DESIGNED *Morris E. Gaudin*  
CHECKED *Walter Perry*  
DRAWN *W.E.D.*  
CHECKED *W.F.P.*

MARCH 14 1962  
EXAMINED *W.E. Baumann*  
PASSED  
APPROVED

**SUPERSTRUCTURE**  
E.A.R.T. 57-SEC. 15-114-1  
CUMBERLAND COUNTY  
STA. 5036+11.39

LOCATION 1

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