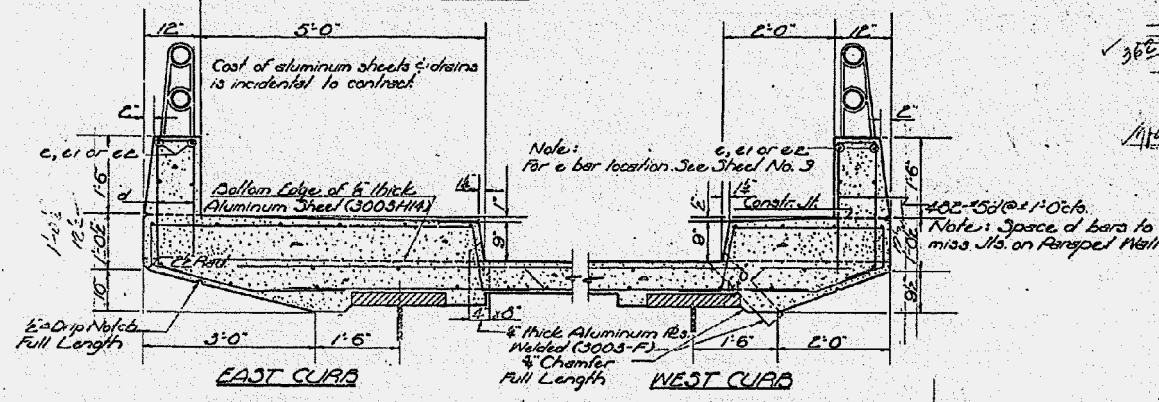
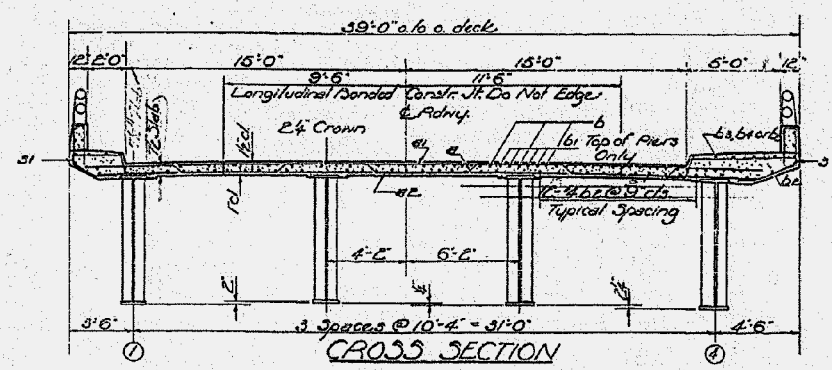
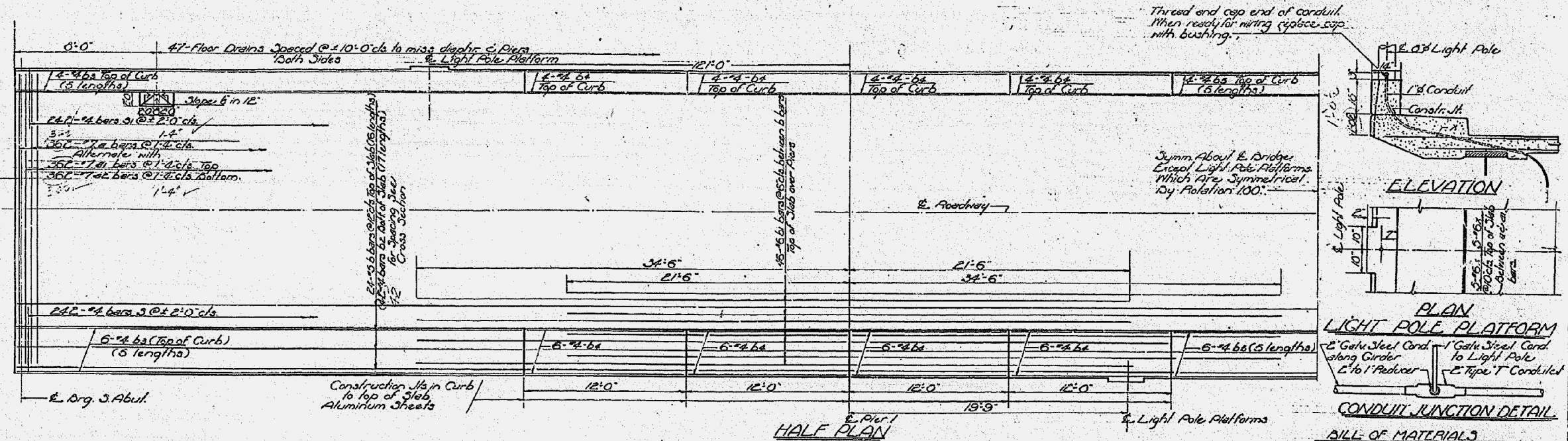


STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

| | | | | |
|-------------|---------|------|-----------|--------------|
| PROJECT NO. | SECTION | DATE | SHEET NO. | TOTAL SHEETS |
| 48X-52 | Macon | 11 | 27 | 128 |
| 48X-52 | | | 11 | 117 |



BILL OF MATERIALS

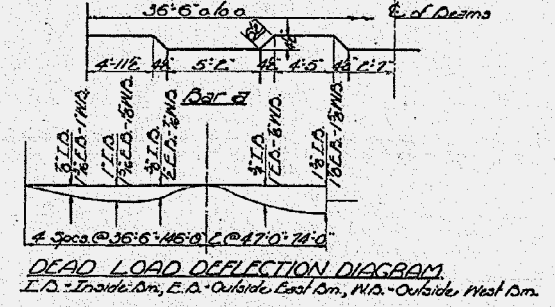
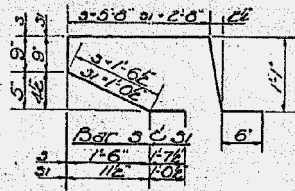
| Bar No. | Size | Length | Shape |
|---------|------|--------|-------|
| 36C | 3/8" | 37'-6" | --- |
| 36D | 3/8" | 35'-0" | --- |
| 6 | 3/8" | 31'-0" | --- |
| 6r | 3/8" | 36'-0" | --- |
| 2A | 7/8" | 29'-0" | --- |
| 6a | 1/2" | 20'-3" | --- |
| 4c | 3/4" | 11'-8" | --- |
| 6b | 5/8" | 20'-6" | --- |
| d | 3/8" | 5'-9" | --- |
| e | 1/4" | 11'-0" | --- |
| e1 | 5/8" | 11'-9" | --- |
| e2 | 3/8" | 11'-8" | --- |
| s | 3/8" | 11'-8" | FD |
| 31 | 3/8" | 7'-1" | FD |
| x | 40 | 8'-0" | --- |

Class A Concrete Cu Yds 650.0
Reinforcement Bars Lbs 172430
Structural Steel Lbs 814100
Name Plates Each 1

DESIGNED *[Signature]*
CHECKED *[Signature]*
DRAWN G.P.
CHECKED *[Signature]*

EXAMINED *[Signature]*
PASSING *[Signature]*
APPROVED *[Signature]*

METHOD OF DETERMINING FILLET HEIGHT "f"
After all structural steel has been erected elevations of the top flanges of the beams shall be taken at intervals not to exceed 10 ft. From these elevations subtract the increment of deflections for these points, determined from the D.L. Deflection Diagram. The elevations so obtained subtracted from the theoretical grade elevations, minus floor thickness equals the fillet heights above top of beam.



SUPERSTRUCTURE
S.B.I.P. 2 - SEC. 48X-52 & 52
MACON COUNTY
STA. 655+79.1

Revised: 2-26-66 to 7-8-66 - 2-30 - 7-91 bars @ 1'0" c/c to 36C - 7-91 bars @ 1'4" c/c, 2-29 - 7-91 (S. 22) bars @ 1'0" c/c to 36C - 7-91 (S. 22) bars @ 1'4" c/c.
39" x 4 bars 6c to 46" x 4 bars 6c (Total from 66.3 to 74.1) S-11-91 2E @ 10" c/c to 12" x 4 bars @ 9" c/c.
Cost of West Curbs thickness from 12" to 1'0".
Class A Concrete Cu Yds. from 621.2 to 650.0 - 28.8 Reinforcement Bars Lbs. from 112,250 to 129,430 - 17,180 G.P.

BLANK, WESSELINK, COOK & ASSOCIATES

DECATUR, ILLINOIS ENGINEERS - CONSULTANTS DESIGN FIRM NO. 184000894

| FILE NAME | USER NAME | DESIGNED | REVISOR |
|-----------|-----------|----------|---------|
| | PBB | PBB | - |
| | MCB | MCB | - |
| | MLO | MLO | - |
| | PBB/MCB | PBB/MCB | - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BRIDGE PLANS

SHEET NO. 27 OF 34 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|------------------------|--------|--------------|-----------|
| 710 | (48X-B-2)BR & (48BR)BR | MACON | 144 | 104 |

CONTRACT NO. 74438

ILLINOIS FED. AID PROJECT