

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CONTRACT: 98990
ROUTE: INTERSTATE 24
SECTION: (64-3B) 1-6
COUNTY: MASSAC, IL; McCRACKEN, KY
SHEET 74 OF 99
FOR INFORMATION ONLY

| | | | | | |
|-----------|-----------|--------|---------|------|----------|
| P.A.I. 24 | 64-3B-1-3 | MASSAC | 11 | 7 | 5 SHEETS |
| DESIGNED | CHECKED | DRAWN | CHECKED | DATE | BY |

GENERAL NOTES

All new structural steel shall conform to AASHTO Classification M-270 Gr. 36.
All new fasteners shall be high strength bolts. Holes shall be subpunched or subdrilled $\frac{1}{16}$ " and reamed in the field to $\frac{1}{16}$ " for $\frac{3}{4}$ " high strength bolts (except as noted on the plans) after new structural steel sections are properly fitted into position.

High-strength bolts, nuts and washers shall be zinc coated by the mechanical plating method per ASTM B695, Class 50. Zinc coated nuts shall be topped oversized per AASHTO M291 and meet supplemental requirements S1.1 thru S1.1.1 for lubricating and testing.

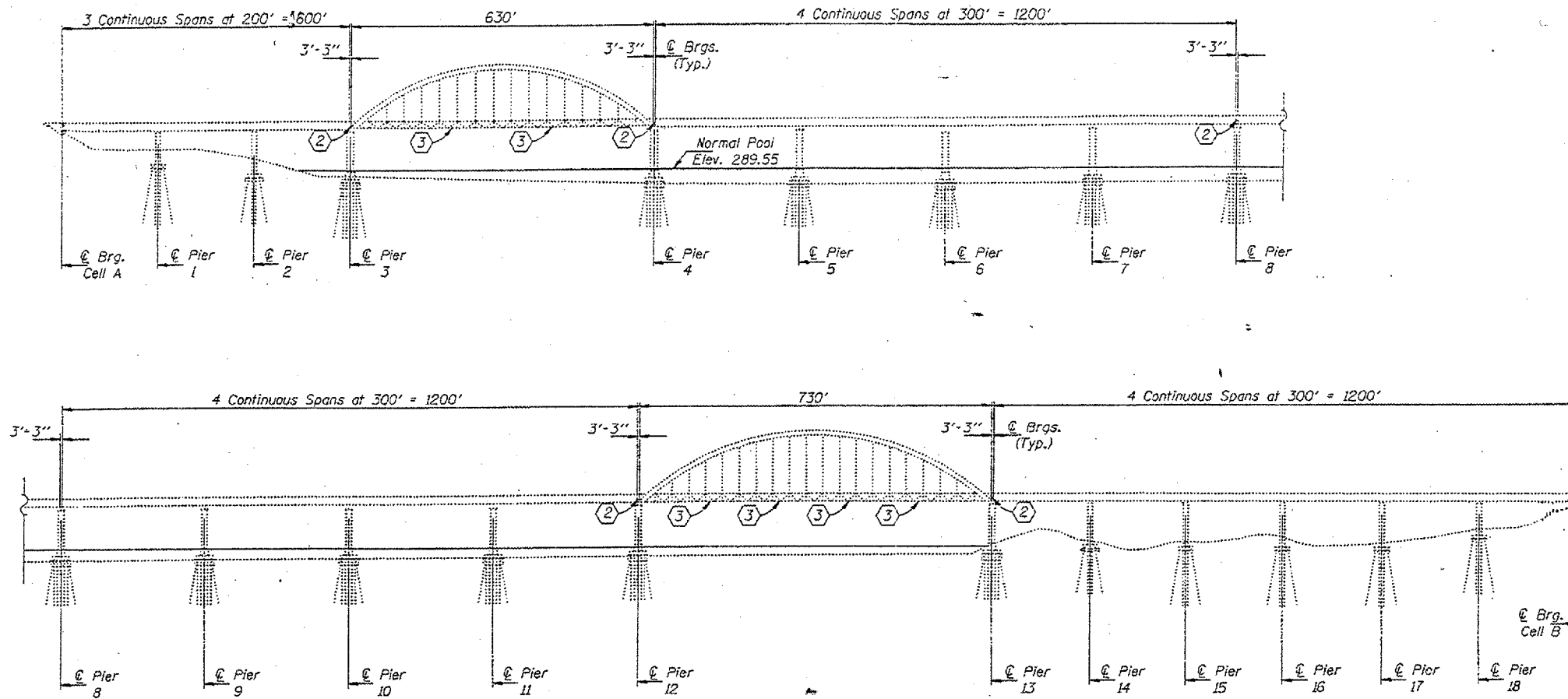
The Inorganic Zinc rich primer/Acrylic/Acrylic Paint System shall be used for shop painting of new structural steel except where otherwise noted.

The color of the acrylic finish coat shall be Light Grey, Munsell No. 10Y 7/1. (See Special Provisions for "Cleaning and Painting Metal Structures".)

Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.

Existing Structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Adjacent Areas of Existing Steel Structures".

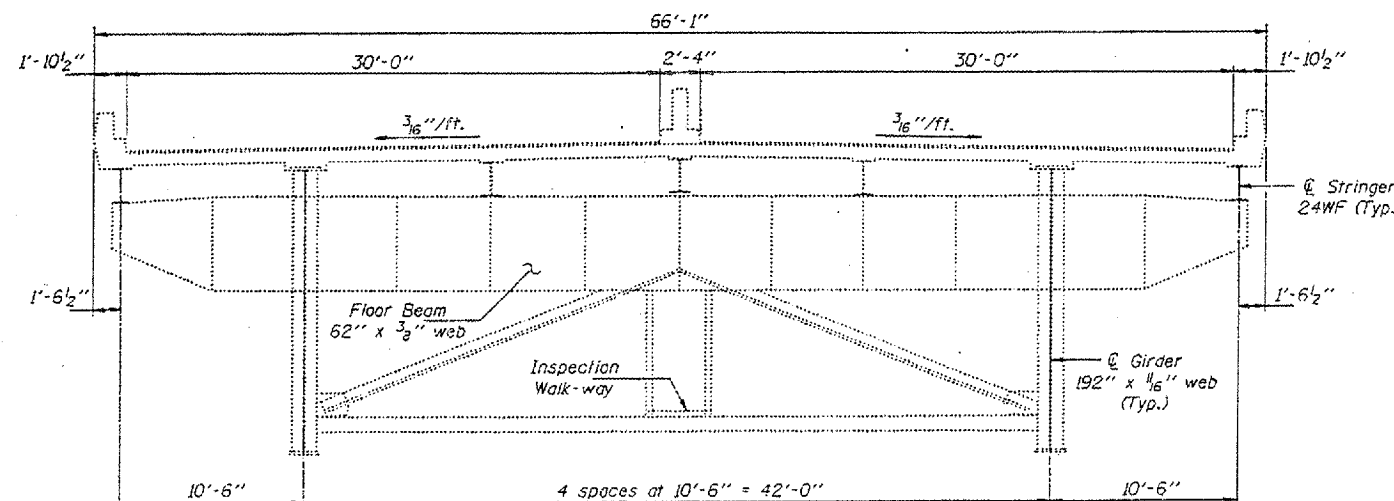
Traffic control shall be determined by the District.



ELEVATION

Notes:

- ② Install new catch drains, elastomeric trough and carrier R's. Existing $\frac{3}{16}$ " R's to remain in place, to be cleaned and painted.
- ③ Remove existing 2 1/2" PJS and replace with new 2 1/2" PJS. (Removal shall be incidental to Preformed Joint Seal 2 1/2".)



TYPICAL SECTION

TOTAL BILL OF MATERIAL

| ITEM | UNIT | QUANTITY |
|---|----------|----------|
| Furnishing and Erecting Structural Steel | Pound | 17,620 |
| Traffic Control | L.S. | 1 |
| Reinf. Neoprene Expansion Jt. Treatment | Lin. Ft. | 305 |
| Preformed Joint Seal 2 1/2" | Lin. Ft. | 402 |
| * PROTECTO WRAP WATERPROOFING MEMBRANE SYSTEM | Sq. Yd. | 37,562 |

* See Sheet 4 of 11 for details.

BRIDGE REPAIRS
F.A.I. 24 OVER OHIO RIVER
SEC. 64-3B-1-3
MASSAC COUNTY
S.N. 064-0035

| | | | |
|----------|----------------------------|-------------|------------------------|
| DESIGNED | <i>Henneth P. Stults</i> | FEBRUARY 29 | 19 96 |
| CHECKED | <i>Nicholas J. Donnell</i> | EXAMINED | <i>Joseph E. Amico</i> |
| DRAWN | <i>Dierbert</i> | PASSED | |
| CHECKED | <i>KPS</i> | | |