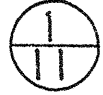


DISTRICT 09

OHIO DEPARTMENT OF TRANSPORTATION

NH-000N(51)
STP-FY93(33)

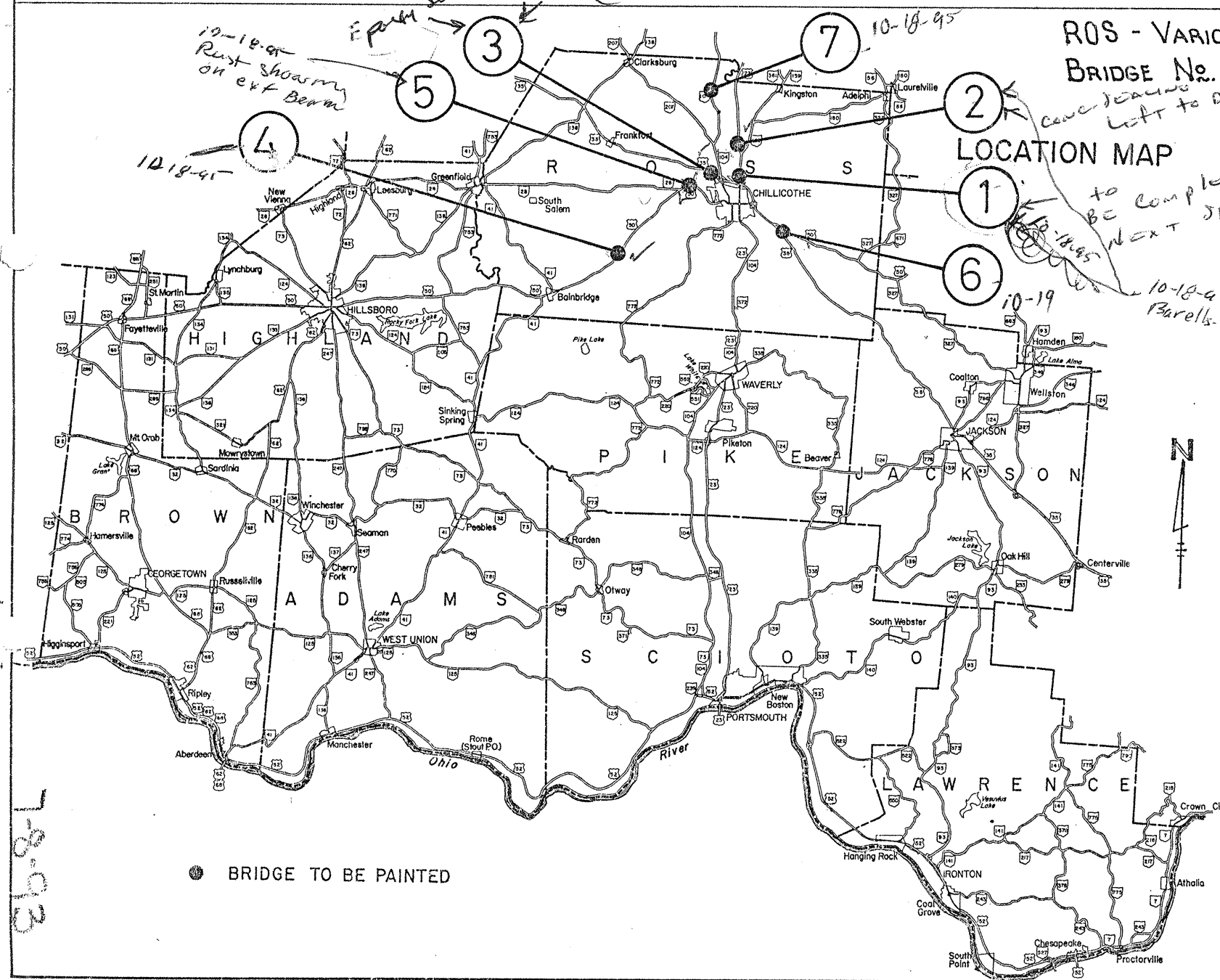
PLAN NO.BP-13-93



BRIDGE PAINTING

ROS - VARIOUS - VARIOUS
BRIDGE No. ROS-23-1344
AND
VARIOUS

LOCATION MAP



The Standard 1993 Specifications of the State of Ohio, Department of Transportation, including changes and Supplemental Specifications listed in the plans and proposal shall govern these improvements.

I hereby approve these plans. The closing to traffic of the highways will not be required on Parts No. 1 thru 7 and provisions for the maintenance and safety of traffic will be as indicated in the proposal.

Approved [Signature]
District Deputy Director of Transportation

Date 4-7-93

Approved [Signature]
Engineer, Bureau Of Bridges And Structural Design

Date

Approved [Signature]
Deputy Director, Operations

Date 4-20-93

Approved [Signature]
Director, Department Of Transportation

Date 4-20-93

SUPPLEMENTAL SPECIFICATIONS

8/15/93
Fryman
Co.
Springer

Print 203 (95)
USR 52
Wes
Linn Corp

6-0-93

GENERAL NOTES

PLAN NO. BP-13-93



MAINTAINING TRAFFIC

The Contractor shall furnish and install all Warning and Regulatory signs, lights, barricades, pavement marking and other devices necessary to maintain traffic as indicated in the OHIO MANUAL OF TRAFFIC CONTROL FOR CONSTRUCTION AND MAINTENANCE OPERATION, current edition, latest revisions. Payment shall be included in the Lump Sum bid price for Item 614, Maintaining Traffic.

EXISTING STRUCTURE VERIFICATION

Details and dimensions shown on these plans pertaining to the existing structure have been obtained from field observations and measurements. Consequently, they are indicative of the existing structure and proposed work, but they shall be considered tentative and approximate. The Contractor is referred to CMS Sections 102.05, 105.02, and 513.02.

Contract bid prices shall be based upon recognition of the uncertainties described above and upon a prebid examination of the existing structure by the Contractor. However, all project work shall be based upon actual details and dimensions which have been verified by the Contractor in the field.

ESTIMATED QUANTITIES

Specific locations and usage of some of the estimated quantities set up on these plans to be used as directed by the Engineer and shall be incorporated into the final change order governing completion of this project. Estimated quantities of materials shall not be ordered for delivery to the project unless authorized by the Engineer.

FIELD PAINTING OF EXISTING STEEL

The field painting of existing steel shall include, but not be limited to, the existing structural steel shown and listed in the plan. It is the intent of the plan to paint all existing structural steel.

The finish coat shall be blue and the completion date (month and year) of the finish coat shall be stenciled in a contrasting color on the outside of the outside beam next to the rear abutment. The letters "O.Z.E.U" shall precede the date painted.

BRIDGE NO. ROS-23-1344 SHALL BE SOLVENT CLEANED AS PER PROPOSAL NOTE.

EXISTING BRIDGE PLANS

Detail drawings of the existing bridges may be inspected in the District Bridge Office in Chillicothe, or in the Bureau of Bridges at 25 South Front Street in Columbus, Ohio.

ITEM SPECIAL - PREMIUM ON RAILROAD PROTECTIVE PUBLIC LIABILITY & PROPERTY DAMAGE LIABILITY INSURANCE

CSX Transportation
Bridge No. ROS-23-1344.

UTILITY OWNERS

Chillicothe Telephone Company
58 East Main St.
Chillicothe, OH 45601
Telephone: (614)-774-3371

U.S. Sprint Communications
120 N. Broadway
Akron, OH 44304
Telephone: 1-800-788-0753

GENERAL NOTES

PLAN NO. BP-13-93

3
11

ITEM SPECIAL - SEALING OF CONCRETE SURFACES (EPOXY), AS PER PLAN

This item shall include all labor and material required to seal the concrete surfaces with epoxy sealer which shall be Federal Color Standard No. 26231 (Gray). The estimated quantities that are set up in the plan are to be used to seal the bridge concrete surfaces as follows:

SAFETY CURBS / PARAPETS: Seal all exposed concrete surfaces of the safety curb / or parapets on the bridge and approaches from 2' out on the deck from the face of the safety curb and/or parapet to 6" under the edge of deck.

ABUTMENTS: Seal all exposed surfaces of the abutments including the backwalls, breastwalls, seats, and wingwalls down to the groundline.

DECK EDGES: Seal the exposed deck edges from the edge of the wearing surface to 6' under the edge of the deck.

PIERS: Seal all exposed surfaces of the pier, except the top of the pier cap between the fascia beams, down to the groundline on Bridge No. ROS-23-1344, ROS-23-1692 & ROS-50-2877R

UTILITY

The galvanized utility line attached to side of Bridge No. (ROS-23-1344) shall be protected when cleaning the steel and concrete. Contractor shall contact U.S. Sprint before work is done.

The galvanized utility line on Bridge ROS-23-2877R shall be taken loose and pulled away from beam so beam and crossframes can be cleaned and painted. Care shall be taken to protect the line. Contractor shall contact Chillicothe Telephone Co. before work is done. After the beam is cleaned and painted the contractor shall reattach the utility line.

ITEM SPECIAL - URETHANE TOPCOAT SEALER

This item shall consist of the application of a urethane top coat sealer over concrete areas coated with epoxy. These areas being as noted in Item Special - Sealing of Concrete Surfaces (Epoxy), As Per Plan. The color of the urethane coating shall be Federal Color Standard No. 37722 (WHITE).

The urethane coating shall be applied between 1 and 10 days after the application of the epoxy. The epoxy shall be clean and dry before the urethane is applied. Application shall be by airless spray.

All work shall be in accordance with the Manufacturer's recommendations and as directed by the Engineer.

The urethane top coat shall be one of the following products:

- 1) Ameron's AMERCOAT 450 H.S.
- 2) Poly-Carb's MARK 73
- 3) Tnemec's SERIES 70 ENDURA SHIELD

The cost of all labor, equipment, and material to accomplish this item of work shall be paid under:

ITEM	UNIT	DESCRIPTION
SPECIAL	SQ. YD.	URETHANE TOPCOAT SEALER

County Ross

S.R. 50

Section 00.00

Structure No. ROS-50-1936

Over North Fork of Paint Cr.

PLAN FOR STRUCTURES

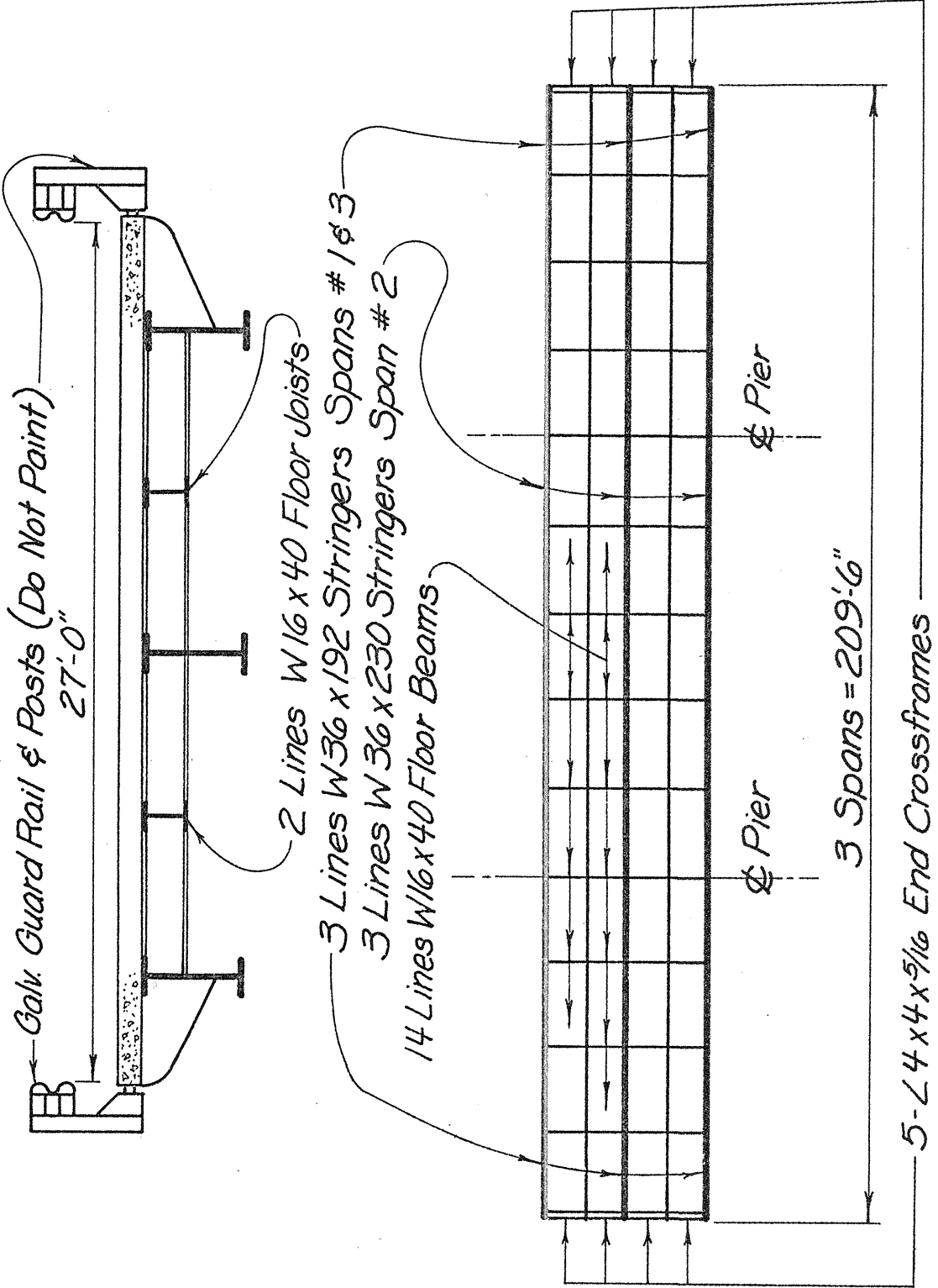
DESCRIPTION OF WORK REQUIRED

Part 5

Details per Std. Dr. No.

STRUCTURE DATA:

TYPE: STEEL DECK GIRDER CONTINUOUS
LENGTH: 209'-6"
WIDTH: 27'-0"
RAIL: TUBULAR BACKUP (DO NOT PAINT)
19' GRADE TO STREAMBED



Beams = 8900 sq.ft. Incidentals 10% = 900 sq. ft. Total = 9800 sq. ft.

ESTIMATED QUANTITIES

ITEM	UNIT	QUANTITY	DESCRIPTION
Special	Sq. Ft.	9800	Surface Preparation of Existing Steel, System OZEU
Special	Sq. Ft.	9800	Field Painting of Existing Steel, Prime Coat, System OZEU
Special	Sq. Ft.	9800	Field Painting of Existing Steel, Interim Coat, System OZEU
Special	Sq. Ft.	9800	Field Painting of Existing Steel, Finish Coat, System OZEU
Special	Man Hours	200	Grinding Fins, Tears, Slivers

