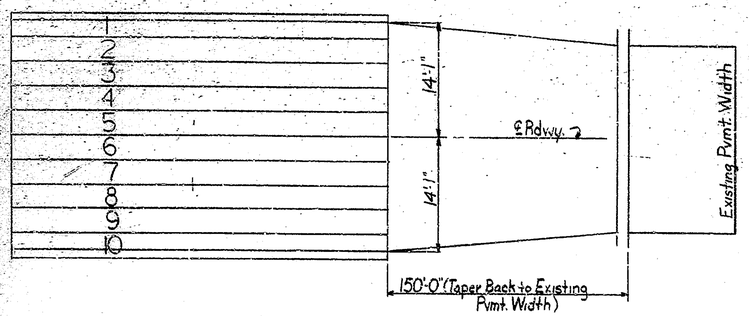
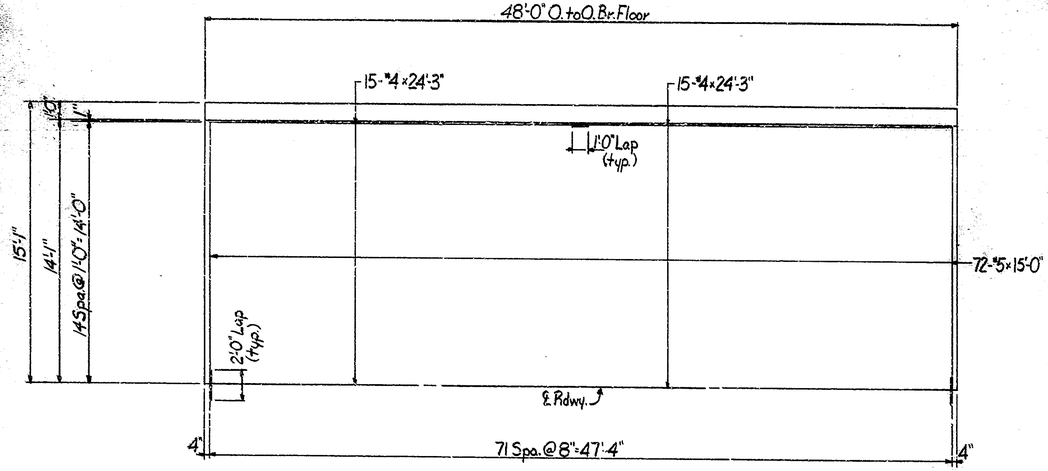
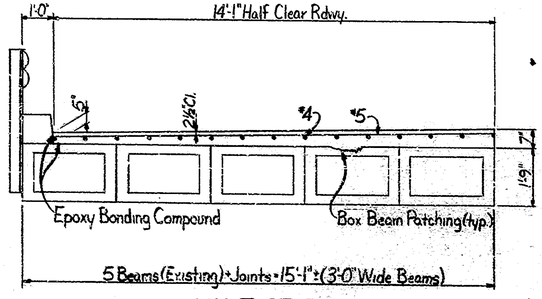


BITUMINOUS TAPER



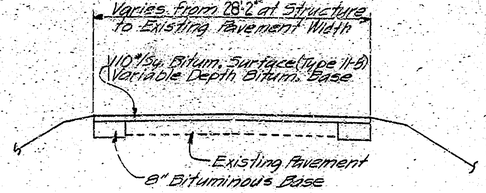
HALF PLAN
Scale: None



HALF SECTION
Scale: ½"=1'-0"

DESIGNED JJR 10-1-79 CKD RDP 10-2-79
DRAWN CKD
TRACED CKD

Rev. 2-26-80 Estimate of Quantities



TYPICAL APPROACH SECTION

GENERAL NOTES

Reinforcing Steel covering shall be 2½ inches in top of floor slab.

Where new work is to be fitted to old work, the Contractor shall check all dimensions and conditions in the field and report any errors or discrepancies to the Engineer and assume responsibility for their correctness and the fit of new part to old.

The top of floor slab and the inside face and top of existing curbs to be surface sealed.

All reinforcing steel to be Epoxy Coated.

The deck reinforcing steel shall be securely tied down to prevent lifting during concrete placement.

The Class C concrete slab is to be bonded to the cleaned beam surface with an epoxy bonding compound.

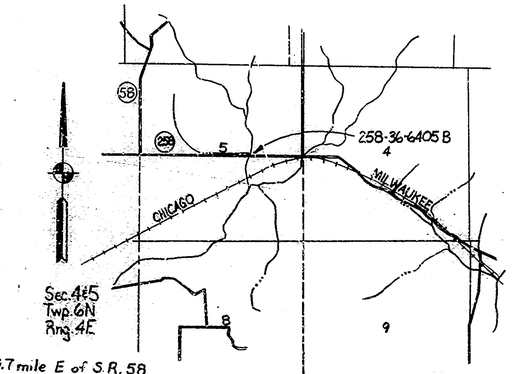
Any beams so indicated on these plans are to be replaced. If necessary, adjacent beams will be removed and reset. Any deteriorated tie rods or dowels or any damaged in the removal process will be replaced by the Contractor. All grout joints between beams which are disturbed by the removal and replacement will be cleaned and repoured. The existing bearing devices are to be reused. All above items are to be included in the Lump Sum bid price for "Concrete Structural Members".

The locations of tie rod holes, and the exact length and skew of the beams to be replaced will be determined in the field by the Contractor and this information will be furnished in writing to the Fabricator and to the ISHC Bridge Design Section. The beams will be manufactured, shipped and installed in accordance with the Standard Specifications and applicable ISHC Standard Drawings.

The removal of bituminous surface and the concrete scarifying shall be accomplished in such a manner that no damage will occur to any beams and excess concrete will not be removed from any beams.

Where exterior beams are to be replaced, the existing railing is to be removed and reset on new beams. Cost to be included in "Concrete Structural Members".

The new beams shall match the existing beams in depth & width. Top of new beams to be given a rough broom finish normal to ℄ of roadway.



LOCATION PLAN
Scale: 1"=2000'

INDEX

SHEET No.	SHEET DESIGNATION	SUBJECT	DATE
1	R1	Title Sheet & General Plan	
2	C1	Reinf. Bar Notes, Bar bending	6-1-77
	PB6	Prestressed Box Beams	
	PB	Prestr. Box Beams, Non Comp. Wide	
	PB		
	PB10	Tolerances for Prestr. Beams	
3	Det. Sh. 1	Standard Detour Signs	10-1-79
4	Det. Sh. 2	Standard Detour Signs	8-1-79
5	Det. Sh. 2A	Standard Barricades	8-1-79
6	Det. Sh. 3	Standard Detour Signs	4-1-77
7	Det. Sh. 4	Standard Detour Signs	4-1-77
8	Det. Sh. 9	Traffic Sign Details	4-1-79
9	CB2	Temporary Concrete Barrier	11-1-79

ESTIMATE OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
51002	Concrete, Class C in Superstructure	CYS.	250
51032	Epoxy Coated Reinforcing Steel	LBS.	3192
51045	Concrete Structural Members	LSUM	—
51328	Removal of Present Structure (Partial)	LSUM	--
52413	Bituminous Surface Removal	SYS.	150
51833	Concrete Scarifying	SYS.	150
51837	Blasting and Cleaning	SYS.	150
	Box Beam Patching	SFT.	65
51826	Surface Seal	SFT.	1568
52470	Bituminous Mixture for Approaches	TON	153
52340	Construction Signs (Type A)	EACH	
52345	Construction Signs (Type B)	EACH	
	Standard Barricades (Type III)	EACH	2
52456	Bitum. Material for Tack Coat	SYS.	760
	Maintaining Traffic	EACH	1

RECOMMENDED FOR APPROVAL 10-22-79
William B. Abbott
ASSISTANT ENGINEER OF BRIDGE DESIGN
INDIANA STATE HIGHWAY COMMISSION

WILLIAM B. ABBOTT REGISTERED No. 8643 STATE OF INDIANA PROFESSIONAL ENGINEER

RECOMMENDED FOR APPROVAL 11-29-79
F. W. Walters
ENGINEER OF BRIDGE DESIGN
INDIANA STATE HIGHWAY COMMISSION

F. W. WALTERS REGISTERED No. 7059 STATE OF INDIANA PROFESSIONAL ENGINEER

APPROVED 11-30-79
Chief Highway Engineer
INDIANA STATE HIGHWAY COMMISSION

TITLE SHEET & GENERAL PLAN
REPAIRS TO PRESTRESSED BOX BEAM BRIDGE
1 SPAN @ 48'-0" SQUARE 28'-2" ROADWAY
OVER SALT CREEK ON SR 258
INDIANA STATE HIGHWAY COMMISSION
JACKSON COUNTY
SCALE:- AS NOTED DATE:- OCTOBER 9, 1979
James R. Gilbert
SENIOR DESIGNER

DRAWING:- R1 OF 1 SHEET:- 1 OF 9
PROJECT:- ST-5436(D)
CONTRACT NO. B-12433
BRIDGE FILE:- 258-36-6405 B

JAMES R. GILBERT REGISTERED No. 15912 STATE OF INDIANA PROFESSIONAL ENGINEER

TP1.10