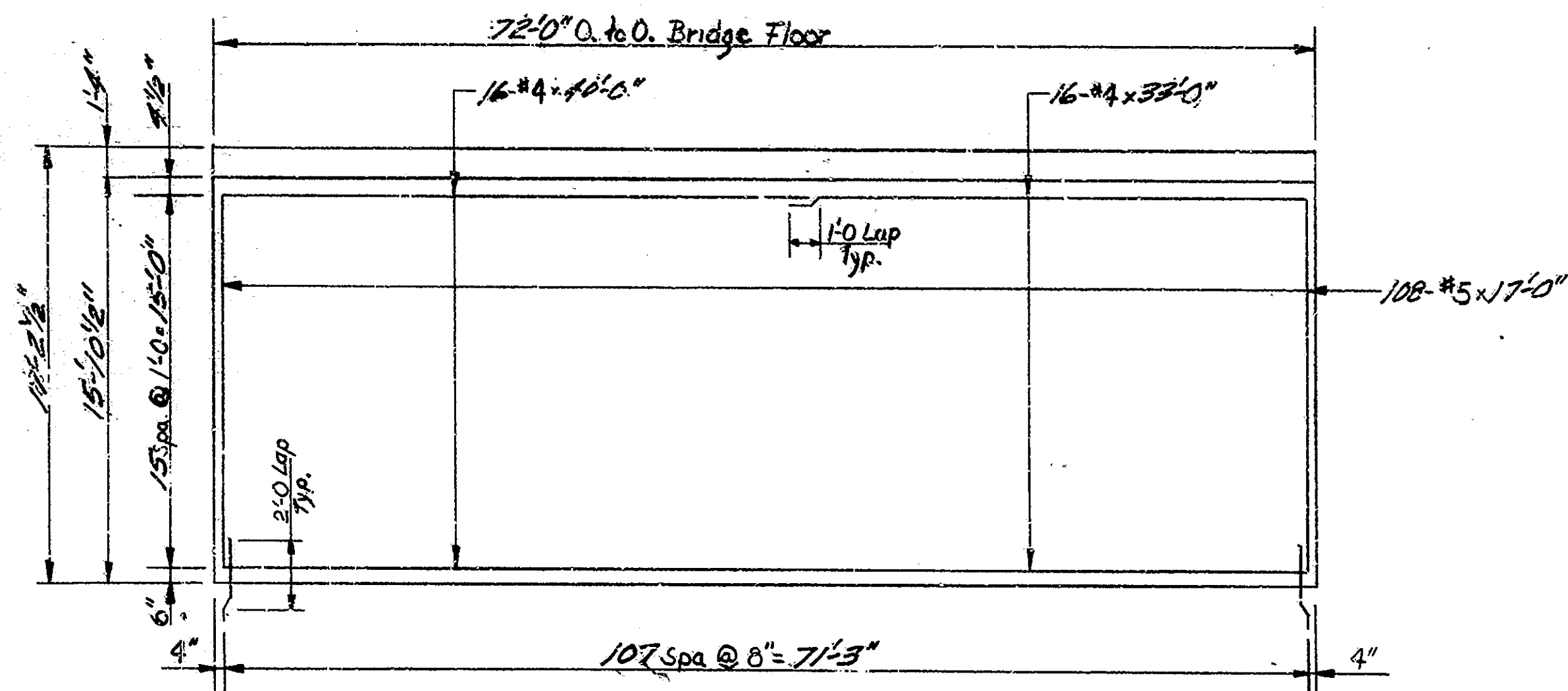
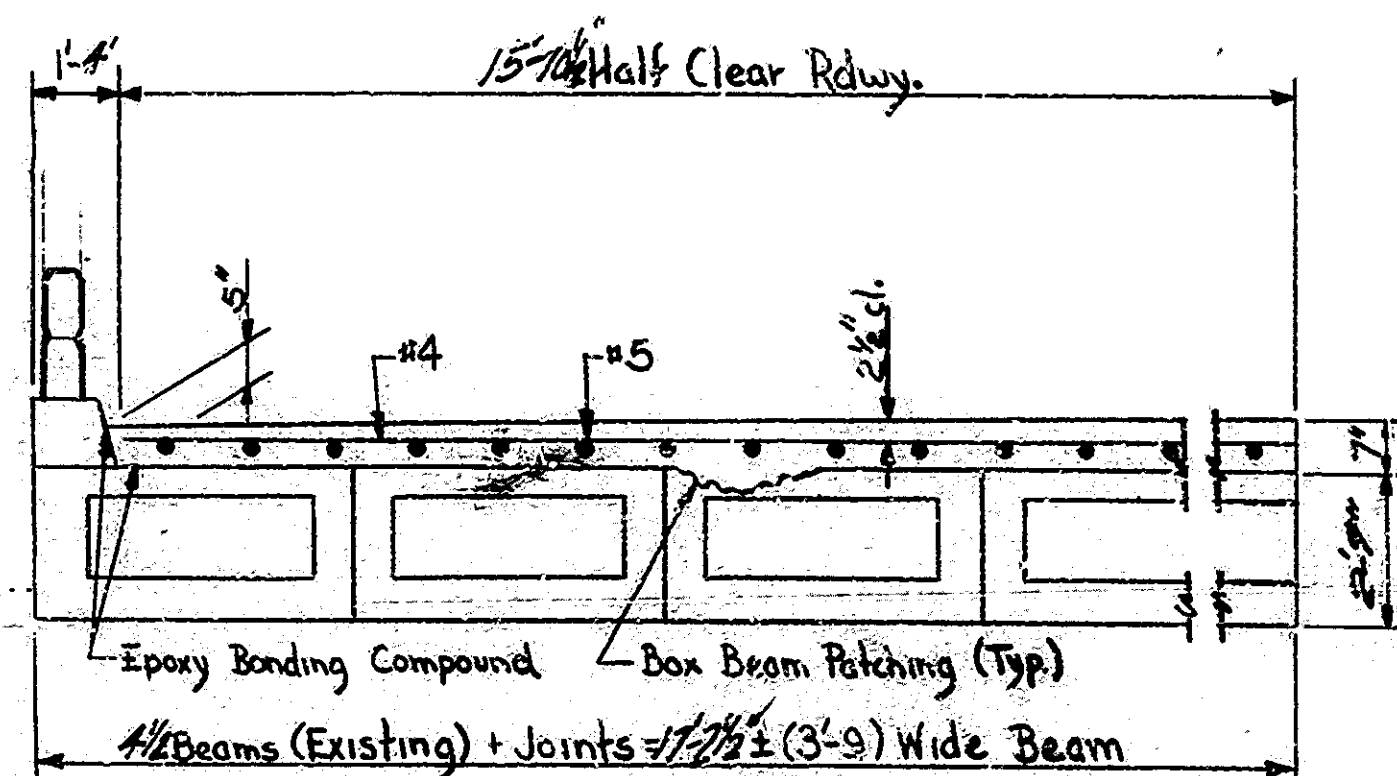


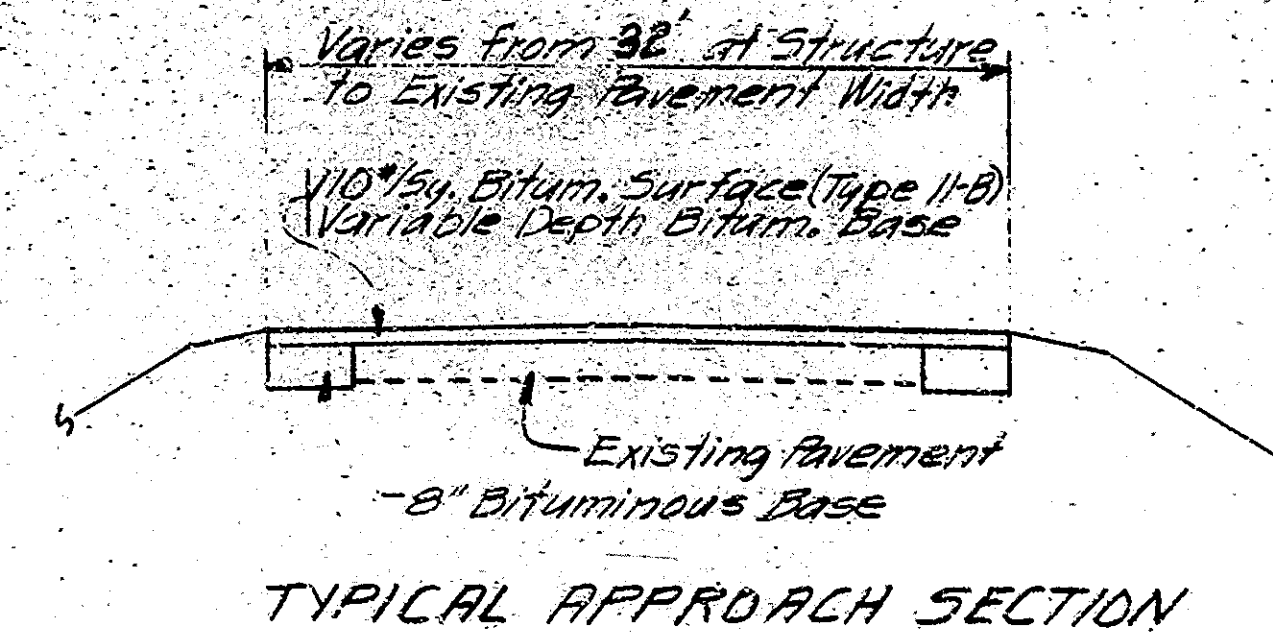
BITUMINOUS TAPER (TYPICAL EACH END)
SCALE: NONE



HALF PLAN
SCALE: NONE



HALF SECTION
SCALE: NONE



GENERAL NOTES

Reinforcing Steel covering shall be 2 1/2 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 E of roadway.

INDEX

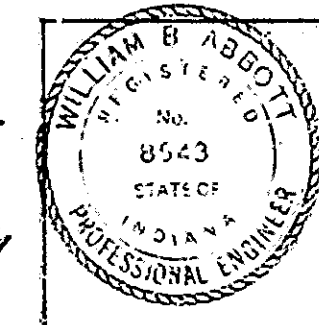
SHEET No	SHEET DESIGNATION	SUBJECT	DATE
1	R1	Title Sheet & General Plan	
2	C1	Reinf. Bar Notes, Bar bending	6-1-77
	PB6	Prestressed Box Beams	
	PB	Prest. Box Beams, Non-Comp.	W/E
	PB		
	PB 10	Tolerances for Prest. Beams	
3	Det. Sh. 1	Standard Detour Signs	12-3-79
4	Det. Sh. 2	Standard Detour Signs	8-1-79
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
5100E	Concrete, Class C in Superstructure	CYS.	123
5103E	Epoxy Coated Reinforcing Steel	LBS.	5390
5104E	Concrete Structural Members	L5UM	
5132B	Removal of Present Structure (Beams)	L5UM	
52413	Bituminous Surface Removal	SYS.	254
51833	Concrete Scarifying	SYS.	254
51837	Blasting and Clearing	SYS.	254
	Box Beam Patching	SFT.	40
51826	Surface Seal	SFT.	2640
52470	Bituminous Mixture for Approaches	TON	174
52340	Construction Signs (Type A)	EA/CH	
52345	Construction Signs (Type B)	EA/CH	
52350	Standard Barricades (Type III)	EA/CH	
52456	Bitum. Material for Tack Coat	SYS.	670

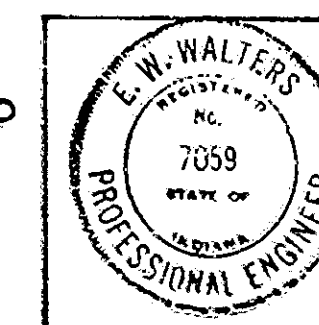
RECOMMENDED FOR APPROVAL 5-21-80

William B. Abbott
ASSISTANT ENGINEER OF BRIDGE DESIGN
INDIANA STATE HIGHWAY COMMISSION



RECOMMENDED FOR APPROVAL 6-6-80

E. W. Walters
ENGINEER OF BRIDGE DESIGN
INDIANA STATE HIGHWAY COMMISSION



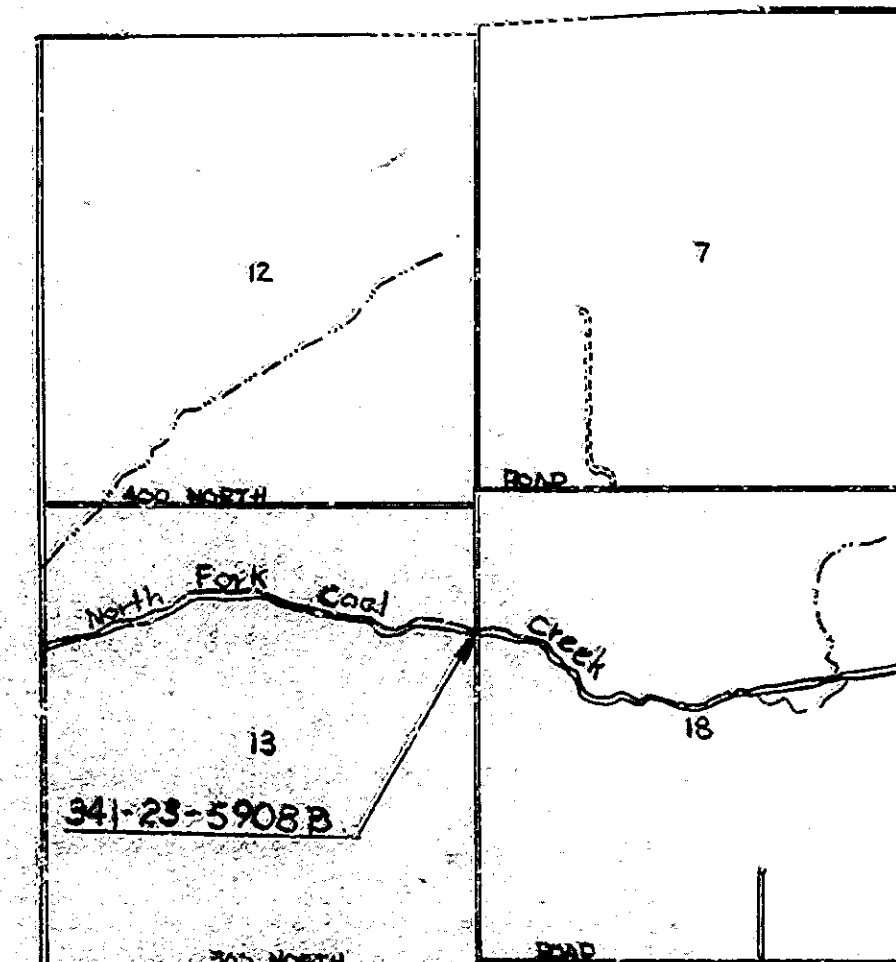
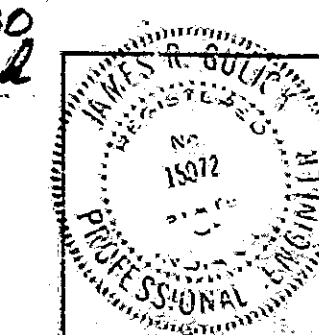
APPROVED 6-6-80

R. K. Hall
CHIEF HIGHWAY ENGINEER
INDIANA STATE HIGHWAY COMMISSION

TITLE SHEET & GENERAL PLAN
REPAIRS TO PRESTRESSED BOX BEAM BRIDGE
+ SPAN @ 72' SQUARE 31-9' ROADWAY
OVER N.E.K. COAL CREEK ON S.R. #41
INDIANA STATE HIGHWAY COMMISSION
FOUNTAIN COUNTY

SCALE: .75 NOTED DATE: May 21, 1980

James R. Blich
SENIOR DESIGNER
DRAWING: R1 OF 1 SHEET: 1 OF 9
PROJECT: ST-5723 (A)
CONTRACT NO. B-12666
BRIDGE FILE: 341-13-5708 B



SEC. 13 E 18 R-6 E 7-W T-20-N
1.5 mi. South of S.R. 55
LOCATION PLAN
Scale: 1" = 2000'

DESIGNED: RKF CKD
DRAWN: RKF CKD RDP 10-79
CHECKED: CKD