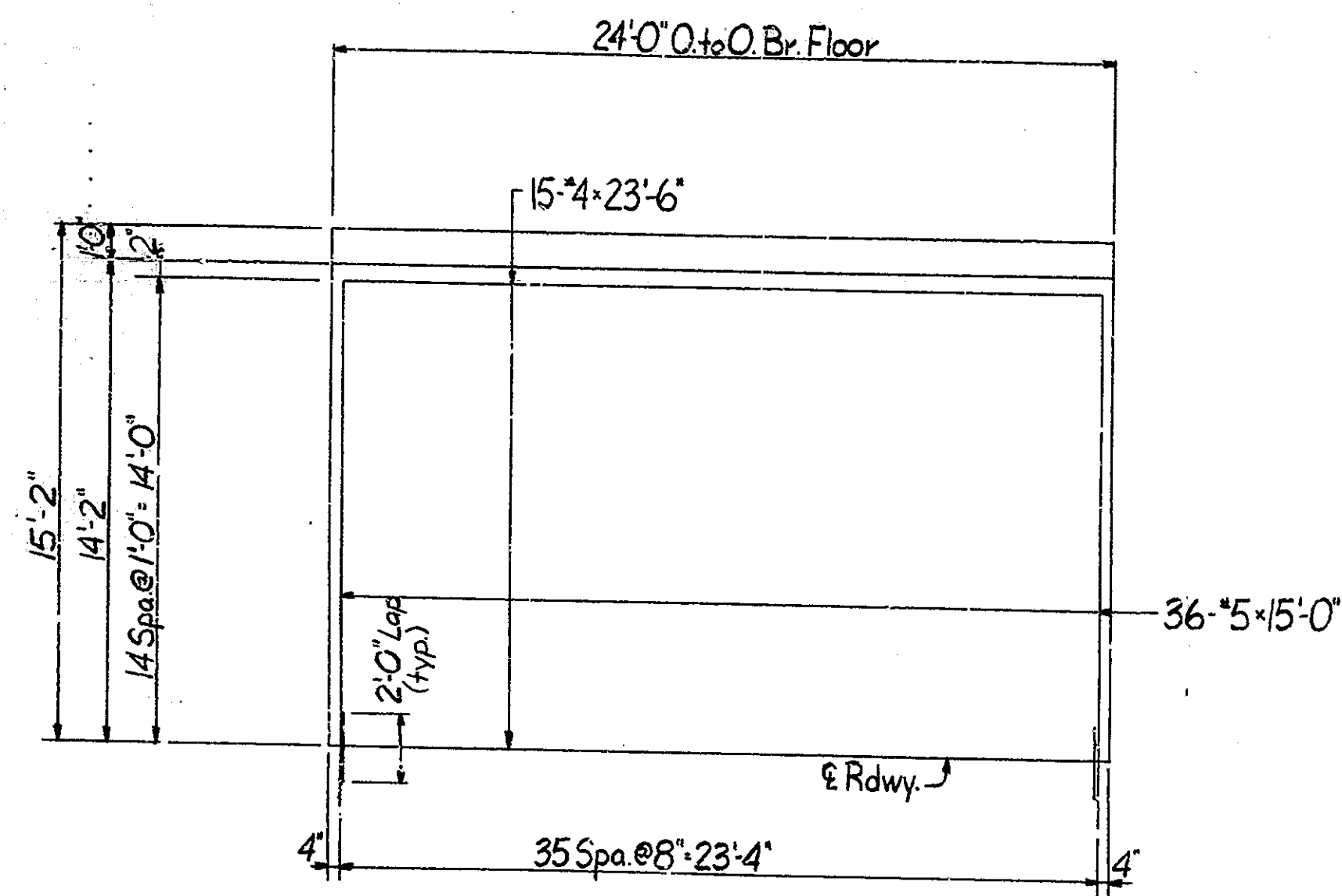
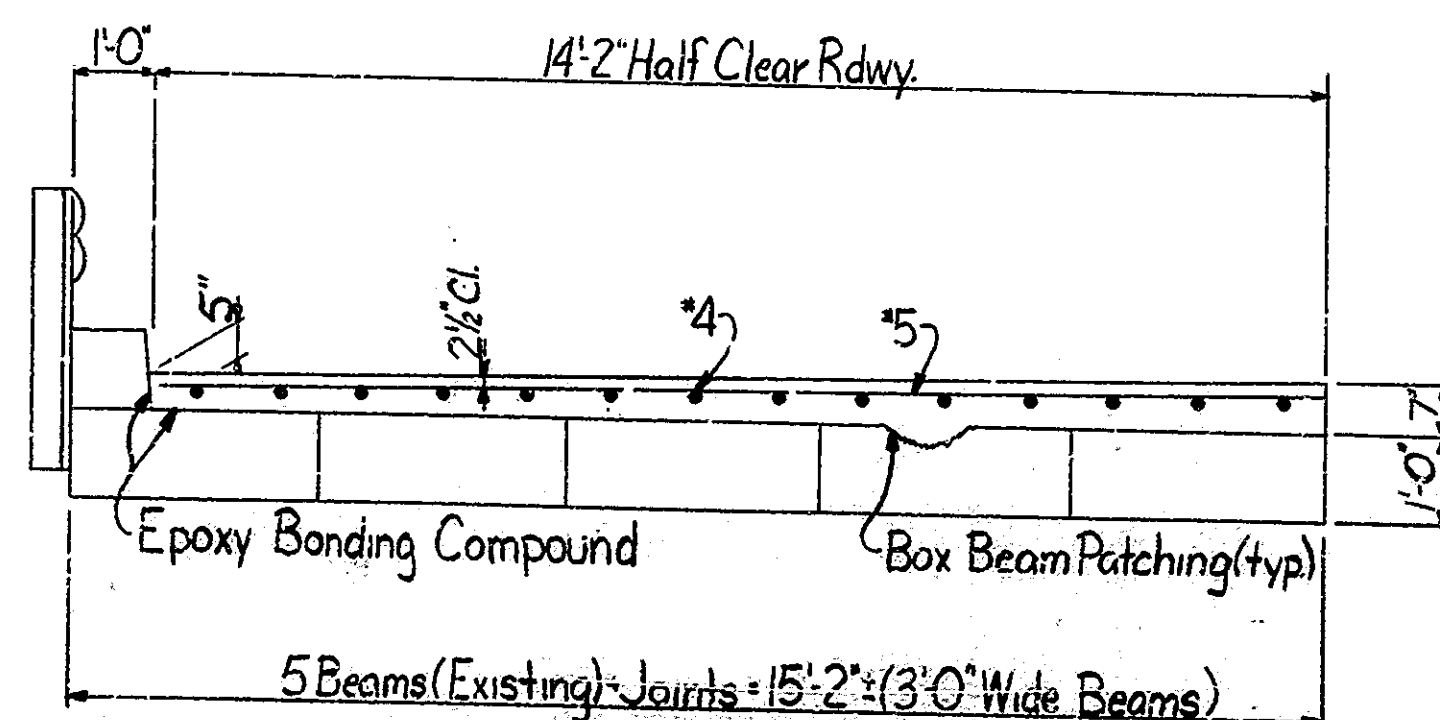


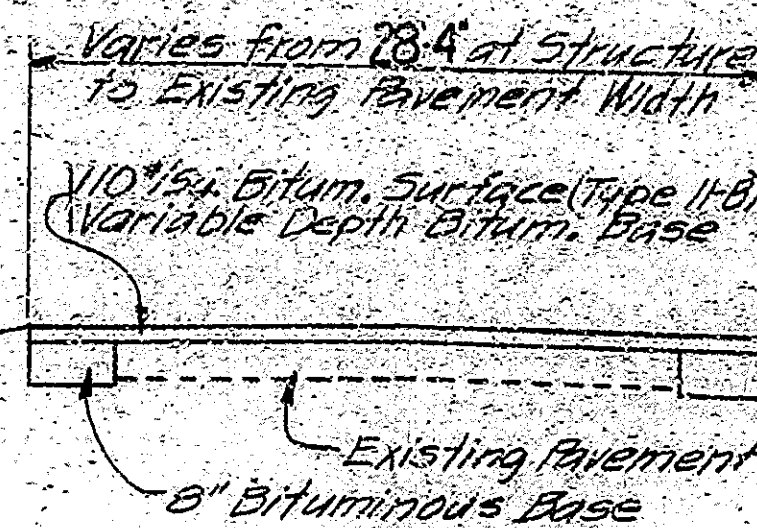
BITUMINOUS TAPER



HALF PLAN
Scale: None



HALF SECTION
Scale: 1/2" = 1'-0"



TYPICAL APPROACH SECTION

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 the 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.

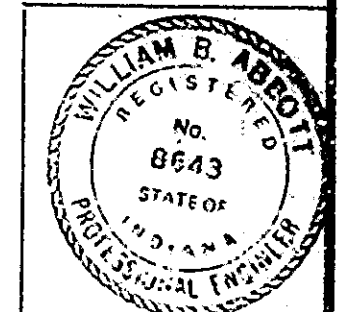
INDEX			
SHEET NO.	SHEET DESIGNATION	SUBJECT	DATE
1	R1	Title Sheet & General Plan	
2	C1	Reinf. Bar Notes, Bar bending	6-1-79
	PB6	Prestressed Box Beams	
	PB	Prest. Box Beams, Nur Comp. Wide	
	PB10	Tolerances for Prest. Beams	
3	Det. Sh. 1	Standard Detour Signs	10-1-79
4	Det. Sh. 2	Standard Detour Signs	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	CBE	Temporary Concrete Barrier	11-1-79

ESTIMATE OF QUANTITIES

CODE	ITEM	UNIT	QUANTITY
51002	Concrete, Class C in Superstructure	CYS	126
51032	Epoxy Coated Reinforcing Steel	LBS.	1582
51045	Concrete Structural Members	LSUM	
51328	Removal of Present Structure (Beams)	LSUM	
52413	Bituminous Surface Removal	SYS.	76
51833	Concrete Scarifying	SYS.	76
51837	Blasting and Clearing	SYS.	76
	Box Beam Patching	SFT.	20
51826	Surface Seal	SFT.	789
52470	Bituminous Mixture for Approaches	TON	142
52340	Construction Signs (Type A)	EACH	
52345	Construction Signs (Type B)	EACH	
	Standard Barricades (Type II)	EACH	2
52456	Bitum. Material for Tack Coat	SYS.	806
	Maintaining Traffic	EACH	1

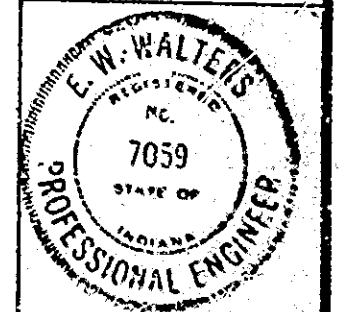
RECOMMENDED FOR APPROVAL 10-23-79

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



RECOMMENDED FOR APPROVAL 11-29-79

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



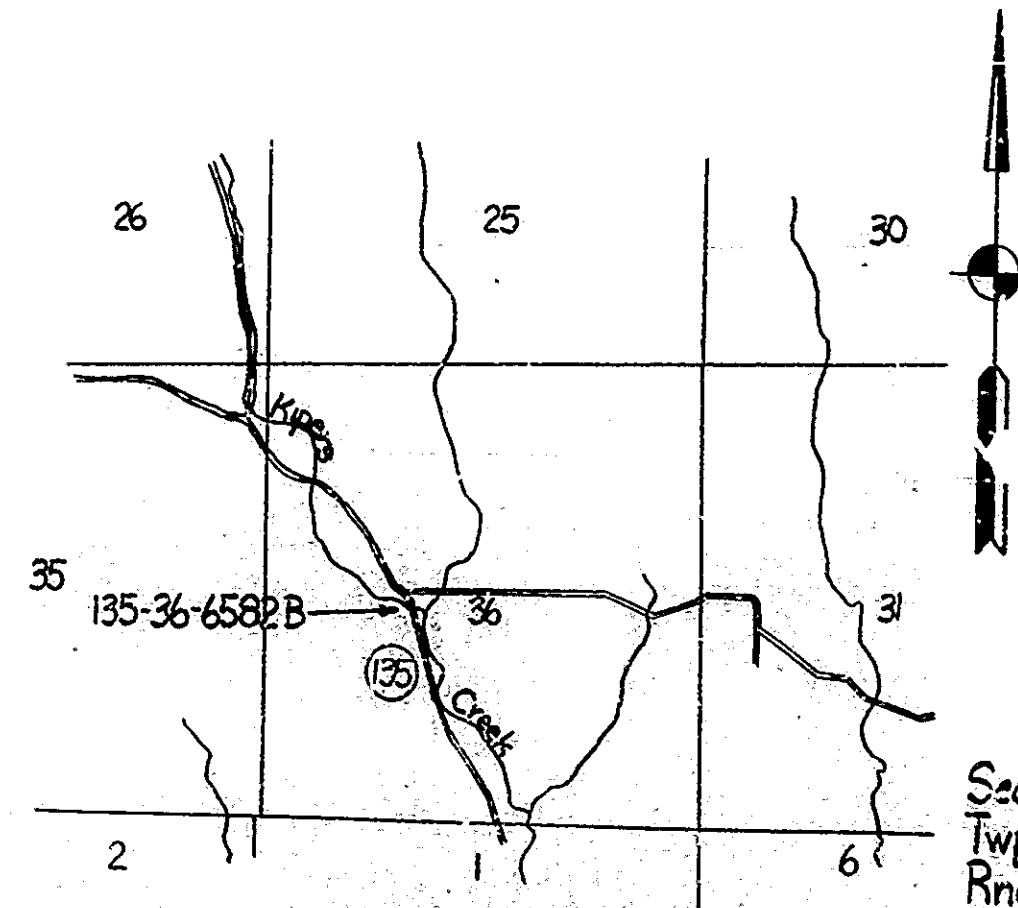
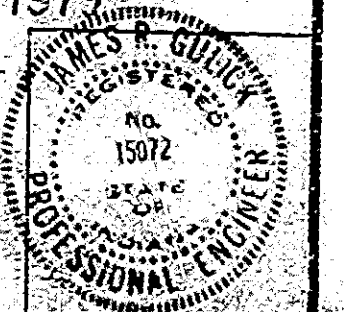
APPROVED 11-30-79

G. K. Hallack
 CHIEF HIGHWAY ENGINEER
 INDIANA STATE HIGHWAY COMMISSION

TITLE SHEET & GENERAL PLAN
 REPAIRS TO PRESTRESSED BOX BEAM BRIDGE
 1 SPAN @ 24'-0" SQUARE 28'-4" ROADWAY
 OVER KIPERS CREEK ON SR 135
INDIANA STATE HIGHWAY COMMISSION
 JACKSON COUNTY

SCALE: AS NOTED DATE: AUGUST 20, 1979

James P. Shick
 SENIOR DESIGNER
 DRAWING: R1 OF 1 SHEET: 1 OF 9
 PROJECT: 57-141-S(D)
 CONTRACT NO. B-12443
 BRIDGE FILE: 135-36-6582B



LOCATION PLAN
Scale: 1" = 2000'

DESIGNED: JTR:CB
 DRAWN: JTR:CB
 TRACED: JTR:CB

Rev. 3-20-80 Estimate of Quantities