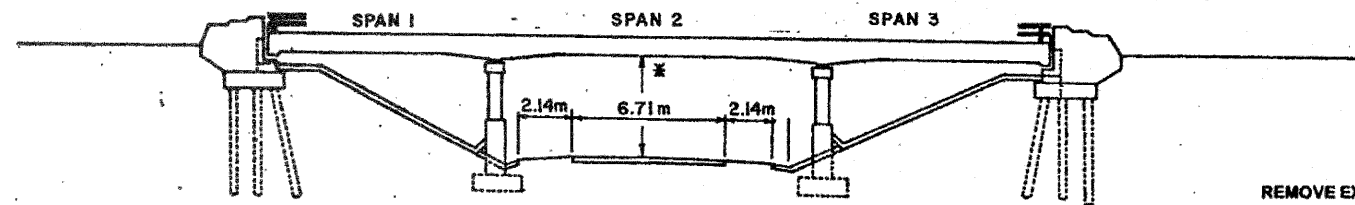


ROUTE NO.	ENCL.	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 74	*	HENRY	149	109
FED. ROAD DIST. NO. 7 ILLINOIS PROJECT				

37-3)RS-(37-4)RS & 37-4B-D
SHEET NO. 1
6 SHEETS



SEQUENCE OF WORK

REMOVE EXISTING BITUMINOUS WEARING SURFACE BACK TO BACK ABUTS. IN STAGE I CONST. PRIOR TO STARTING DECK SLAB REPAIRS.

COMPLETE DECK SLAB REPAIR IN SEQUENCE I.
(NOTE: NEW CONCRETE IN SEQUENCE I SHALL MEET A MINIMUM OF 4480 KPA MODULUS OF RUPTURE BEFORE STARTING SEQUENCE II REMOVAL.)

COMPLETE DECK SLAB REPAIRS IN SEQUENCE II.

REPEAT SEQUENCING IN STAGE I CONSTRUCTION FOR STAGE II CONSTRUCTION.

GENERAL NOTES

Reinforcement bars shall conform to the requirements of AASHTO M-31, M-42M, or M-53M Grade 400.

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 unit-price bid for the work.

Any reinforcement bars that are damaged during concrete removal operations shall be replaced using an approved bar splicer or anchorage system. Cost shall be included in the unit cost of "Concrete Removal".

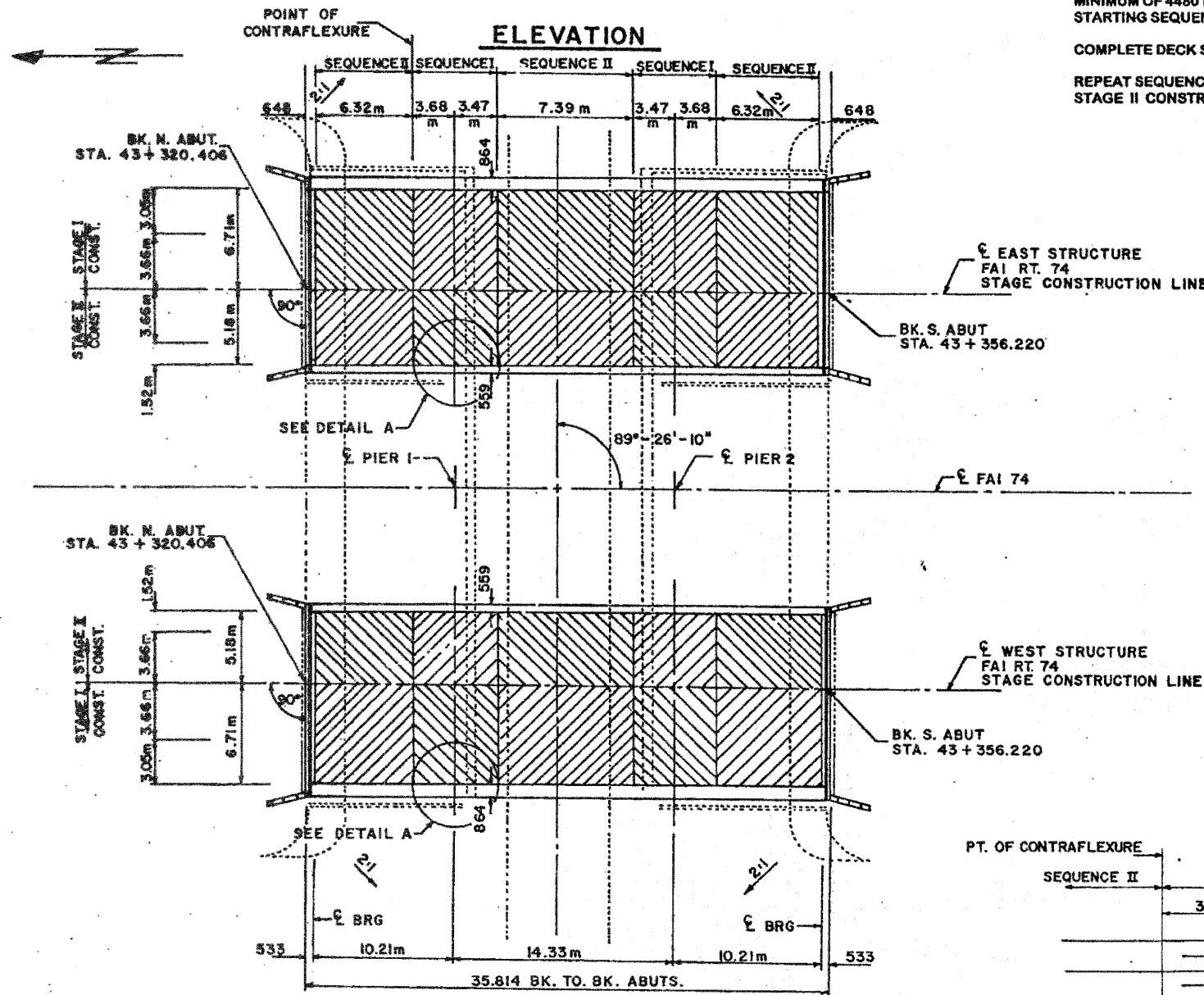
After fabrication, all surfaces of the steel plates shall be given one shop coat of the inorganic zinc-silicate primer. Cost shall be included in the unit cost of "Concrete Removal".

Existing reinforcement extending into the removed area shall be cleaned, straightened and incorporated into the new construction. Existing transverse reinforcement may be cut as shown and removed.

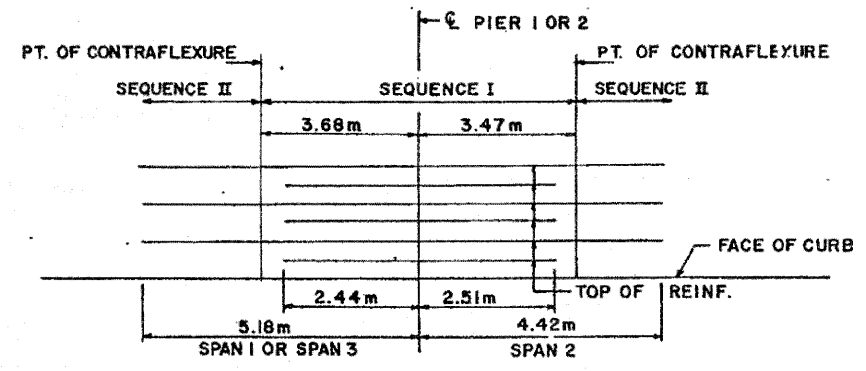
ALL NEW STRUCTURAL STEEL SHALL BE AASHTO M 208M GRADE 250, UNLESS OTHERWISE SHOWN

TOTAL BILL OF MATERIALS

ITEM	UNIT	QUANTITY
CONCRETE REMOVAL	CU M	29.4
CONCRETE SUPER STRUCTURES	CU M	7.4
CONCRETE STRUCTURES	CU M	6.85
REINFORCEMENT BARS, EPOXY COATED	KG	1601
BITUMINOUS CONC REMOVAL (DECK)	SQ M	852
POLYBIT CONC SURF CSE, MIX D, CL I, TYPE 1	M TON	100
SHEET WATERPROOFING MEMBRANE SYSTEM	SQ M	828
DECK SLAB REPAIR (PARTIAL)	SQ M	248
DECK SLAB REPAIR (FULL DEPTH, TYPE 1)	SQ M	10
DECK SLAB REPAIR (FULL DEPTH, TYPE 2)	SQ M	10
STEEL BRIDGE RAIL	METER	143.6
SILICONE JOINT SEALER	METER	55.0
FURN & ERECT STRUCTURAL STEEL	KG	1390.1
BAR SPLICERS	EACH	28



EXISTING BRIDGE PLANS FOR REFERENCE ONLY



PLAN STAGING SEQUENCE DETAIL

DETAIL A

GENERAL PLAN
I-74 OVER OPHIEM ROAD
F.A.I. ROUTE 74 - SECTION 37-4HB
HENRY COUNTY
STATION 43+338.313
STRUCTURE NO. 037-0015 (W. STRUCT.)
037-0016 (E. STRUCT.)

DISTRICT NO. 2 DIXON
DESIGNED D. PAUSER
DRAWN D. LINK
CHECKED
DATE 10/97
SCALE

REVISED 11-20-97

FILE NAME =	USER NAME = perkinsdr	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING BRIDGE PLANS (FOR REFERENCE ONLY)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cd:\pwwork\pwwid\PERKINS\DR\36777\36777.dwg	002298-ahd-deta1.s.dgn	DRAWN -	REVISED -			74	37-4HB,4HB-1,4HB-2ID	HENRY	148	121	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 64264					
PLOT DATE = Wed Aug 05 07:35:12 2009	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					