

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	.	**	104	69

• 7410-70RS-3 & (10-71,73)RS-2  
 \*\* PIATT & CHAMPAIGN

SHEET 1 OF 2

# GENERAL PLAN

## S.N. 010-0203 & 010-0204

THE EXISTING DUAL MAINLINE STRUCTURES WERE BUILT IN 1968 AS FA ROUTE 11, SECTION 10-71B AT STATION 1840+85 IN CHAMPAIGN COUNTY. THE 14 INCH R.C. SLABS ARE SUPPORTED BY TWO STRAIGHT STEM PIERS ON SPREAD FOOTINGS AND STUB ABUTMENTS ON CONCRETE PILES. THE EXISTING STRUCTURES MEASURE 80'-10" FROM BACK TO BACK OF ABUTMENTS AND 42'-6" OUT TO OUT OF DECK. THE HORIZONTAL CLEARANCE IS 39'-0" FROM FACE TO FACE OF PARAPET.

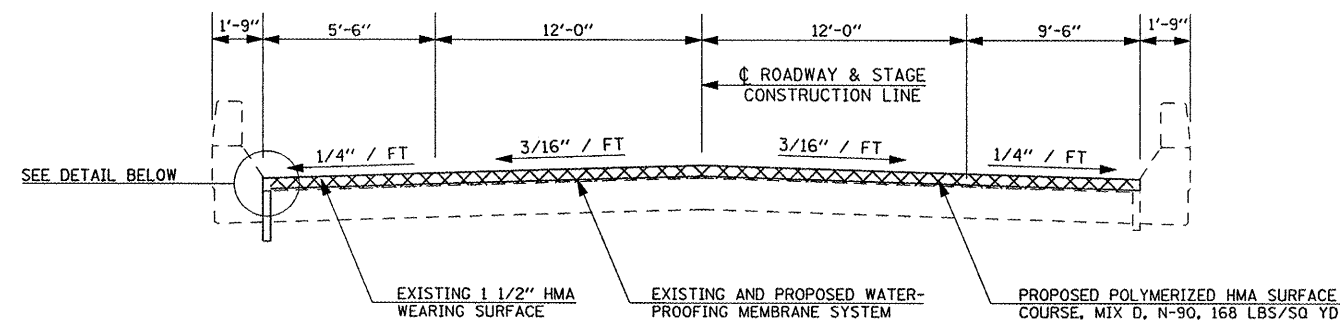
IN 1975, THE STRUCTURES WERE IMPROVED WITH A 1 3/4" HMA WEARING SURFACE AND WATERPROOFING MEMBRANE SYSTEM WITH FAI ROUTE 72, SECTION: DISTRICT 5 BRIDGE DECK WATERPROOFING 1975-2.

SEE LIST OF PROPOSED IMPROVEMENTS ON THIS SHEET.

TRAFFIC SHALL BE MAINTAINED USING STAGE CONSTRUCTION.

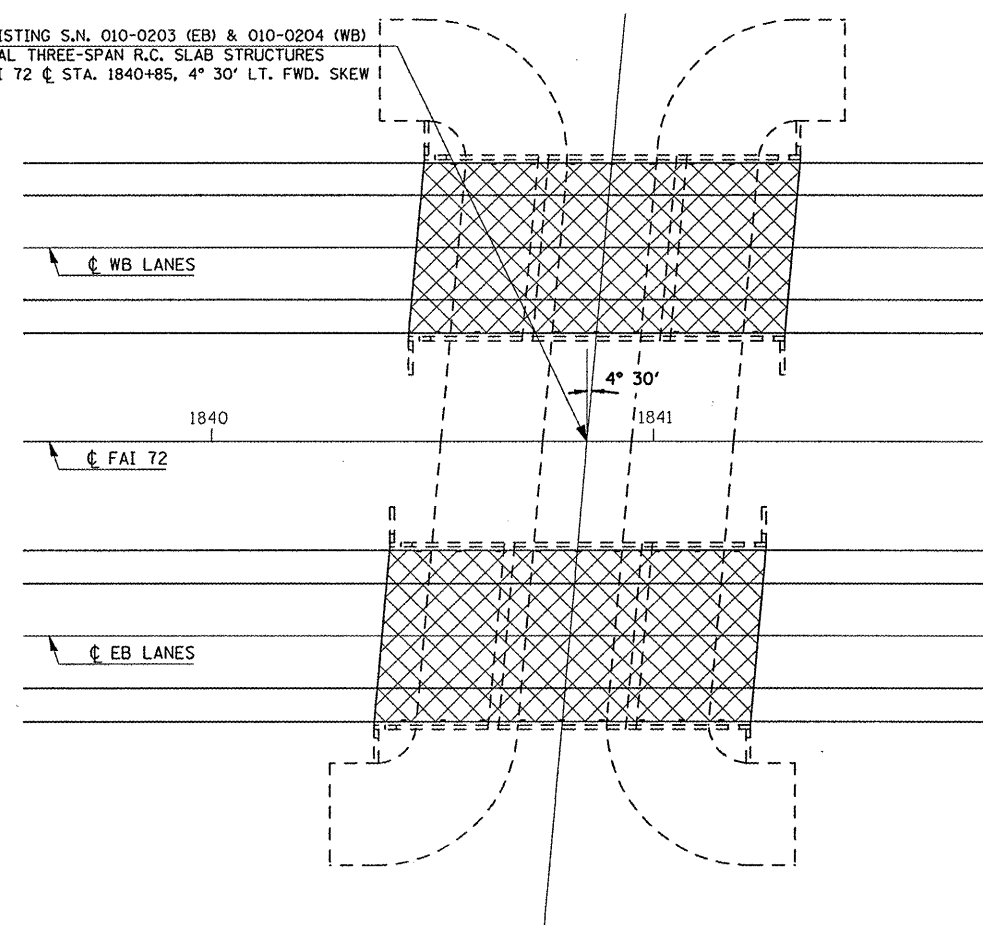
### TYPICAL DECK CROSS SECTION

S.N. 010-0203 LOOKING UP-STATION  
 S.N. 010-0204 LOOKING DOWN-STATION

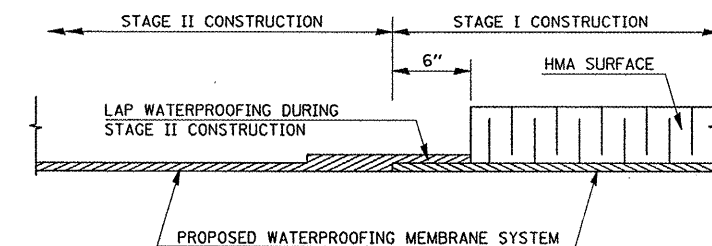


### PLAN VIEW

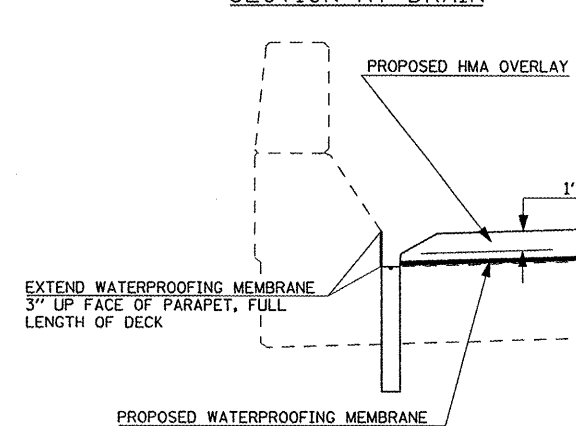
EXISTING S.N. 010-0203 (EB) & 010-0204 (WB)  
 DUAL THREE-SPAN R.C. SLAB STRUCTURES  
 FAI 72  $\phi$  STA. 1840+85, 4° 30' LT. FWD. SKEW



### WATERPROOFING TREATMENT AT STAGE CONSTRUCTION



### SECTION AT DRAIN



**NOTE:**

ALSO EXTEND WATERPROOFING MEMBRANE LONGITUDINALLY 6" BEYOND EACH END OF DECK.

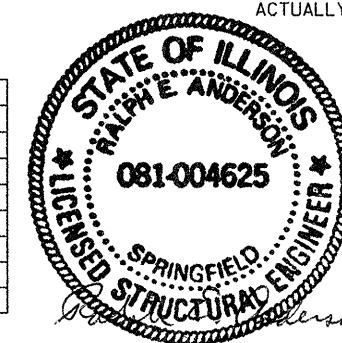
QUANTITY OF PROPOSED HMA BEYOND END OF DECK INCLUDED WITH ROADWAY.

### GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION 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 SCOPE OF WORK. HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

### TOTAL BILL OF MATERIALS - TWO STRUCTURES

ITEM	UNIT	TOTAL
HMA SURFACE REMOVAL, DECK	SQ YD	700.6
WATERPROOFING MEMBRANE SYSTEM	SQ YD	718.3
BITUMINOUS MATERIALS, PRIME COAT	GAL	70.0
POLYMERIZED HMA SURFACE COURSE, MIX D, N-90	TON	58.9
DECK SLAB REPAIR (FULL-DEPTH, TYPE 1)	SQ YD	6.0
DECK SLAB REPAIR, PARTIAL DEPTH	SQ YD	35.0
FLOOR DRAINS	EACH	20.0



Expires 11-30-2010

### LEGEND

H.M.A. SURFACE REMOVAL, DECK & PROPOSED 2" HMA WEARING SURFACE & WATERPROOFING MEMBRANE SYSTEM

### PROPOSED WORK

- REMOVAL AND REPLACEMENT OF THE EXISTING HMA WEARING SURFACE AND WATERPROOFING MEMBRANE SYSTEM.
- FULL AND PARTIAL-DEPTH PATCHING OF DECK SLAB.
- REPLACE EXISTING DRAINS.

4/14/2009  
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 42-3025 / IN.  
 USER: jsh

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**GENERAL PLAN**  
**S.N. 010-0203 & 010-0204**  
 F.A.I. ROUTE 72  
 SECTION 7410-70RS-3&(10-71,73)RS-2  
 SCALE: NONE  
 DATE: 04-03-09  
 DRAWN BY: GMS  
 CHECKED BY: