

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
72	*	**	104	71

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

SHEET 1 OF 2

GENERAL PLAN

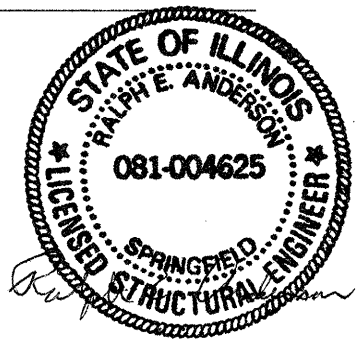
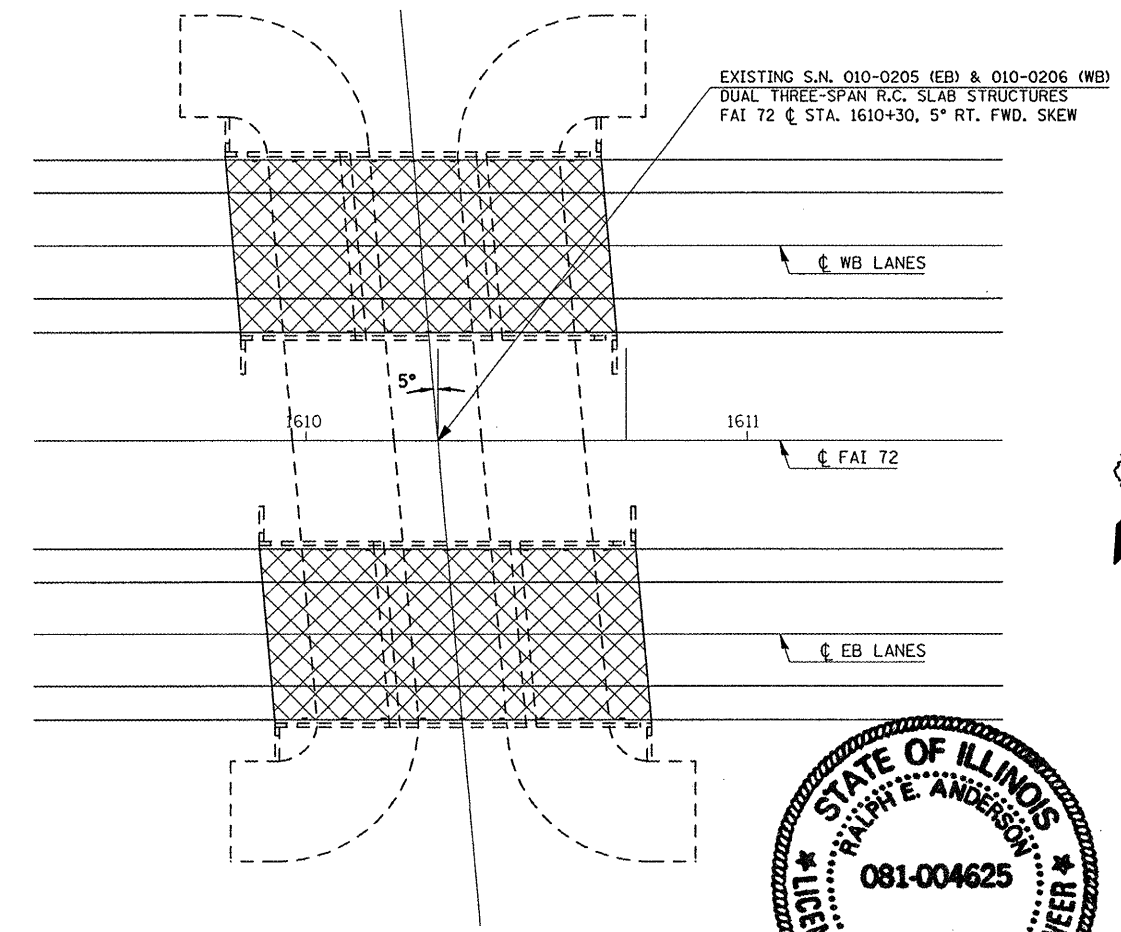
S.N. 010-0205 & 010-0206

THE EXISTING DUAL MAINLINE STRUCTURES WERE BUILT IN 1968 AS FA ROUTE 11, SECTION 10-70B AT STATION 1610+30 IN CHAMPAIGN COUNTY. THE 15 INCH R.C. SLABS ARE SUPPORTED BY TWO PILE BENT COLUMN PIERS AND STUB ABUTMENTS ON CONCRETE PILES. THE EXISTING STRUCTURES MEASURE 85'-2" 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 1/2" 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.

PLAN VIEW



Expires 11-30-2010

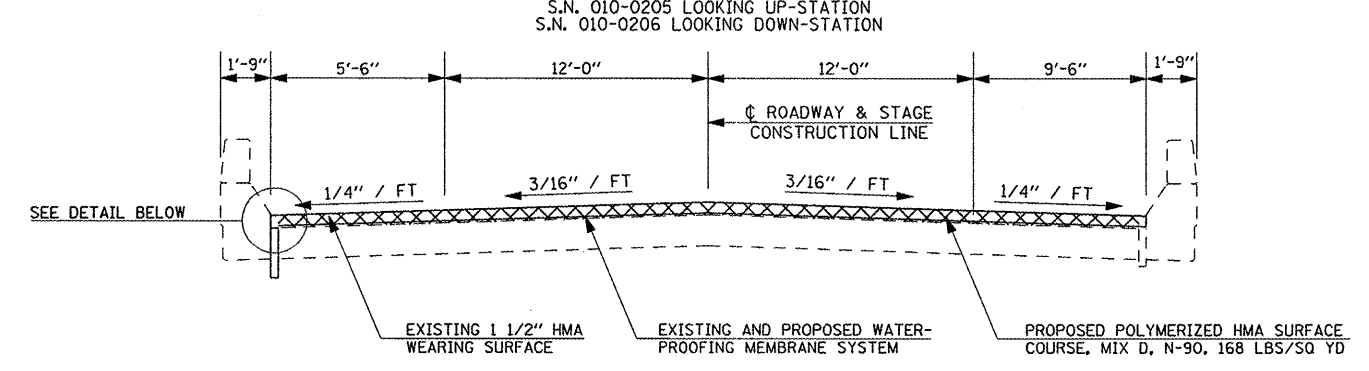
LEGEND

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

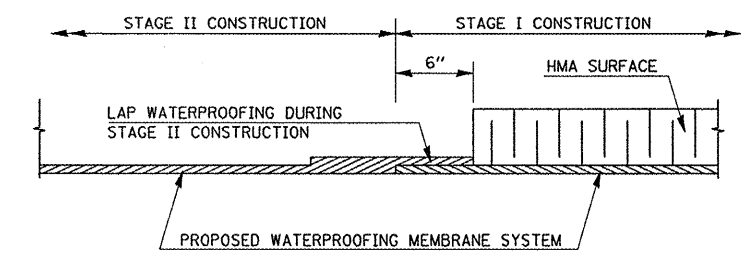
PROPOSED WORK

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

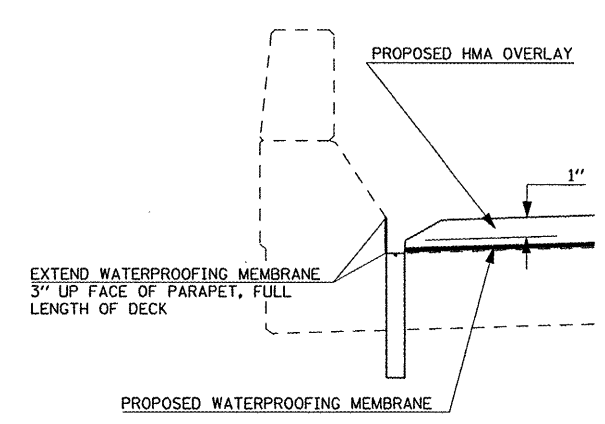
TYPICAL DECK CROSS SECTION



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.

THE EXISTING WEARING SURFACE ON STRUCTURE 010-0205 IS KNOWN TO CONTAIN ASBESTOS. SPECIAL CARE SHALL BE USED WHILE WORKING ON THIS STRUCTURE. PLEASE REFER TO THE SPECIAL PROVISIONS FOR GUIDANCE IN THIS MATTER.

TOTAL BILL OF MATERIALS - TWO STRUCTURES

ITEM	UNIT	TOTAL
HMA SURFACE REMOVAL, DECK	SQ YD	369.0
HMA SURFACE REMOVAL, ASBESTOS	SQ YD	369.0
WATERPROOFING MEMBRANE SYSTEM	SQ YD	756.4
BITUMINOUS MATERIALS, PRIME COAT	GAL	74.0
POLYMERIZED HMA SURFACE COURSE, MIX D, N-90	TON	62.0
DECK SLAB REPAIR (FULL-DEPTH, TYPE 1)	SQ YD	6.0
DECK SLAB REPAIR, PARTIAL DEPTH	SQ YD	37.0
FLOOR DRAINS	EACH	20.0

ILLINOIS DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
S.N. 010-0205 & 010-0206

F.A.I. ROUTE 72
 SECTION 74(10-70)RS-3&(10-71,73)RS-2

SCALE: NONE DRAWN BY: GMS
 DATE: 04-03-09 CHECKED BY:

4/11/2009
 FILE NAME: c:\pwork\72\01007\GENERAL\010-0205\010-0206.dgn
 PLOT SCALE: 42.3529' / 1" IN.
 USER NAME: sherris_jr