SECTION

(10-72VB)I

D-95-007-06

FOR UNDERGROUND UTILITY LOCATIONS CALL TOLL FREE J.U.L.I.E. TELEPHONE NO 1-800-892-0123

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS**

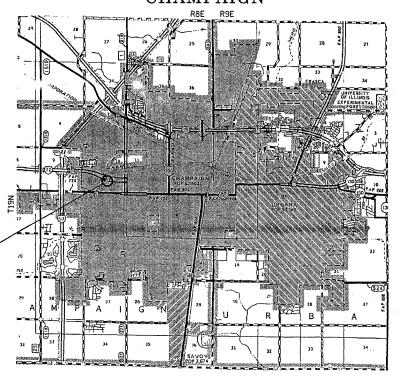
PROPOSED HIGHWAY PLANS

PLAN 1" = 30'
PROFILE HORIZ. NA
PROFILE VERT. NA
CROSS SECTIONS NA HORIZONTAL NA VERTICAL NA

F.A.I. ROUTE 72 (I-72) SECTION (10-72VB)I **CHAMPAIGN COUNTY**

C-95-007-06 **BRIDGE DECK REPAIR**

CHAMPAIGN



CONTRACT NO. 70485

TOTAL LENGTH OF SECTION & PROJECT = 155 FEET = 0.029 MILES NET LENGTH OF SECTION & PROJECT = 155 FEET = 0.029 MILES

CURRENT TRAFFIC

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

DATA

DESIGN DESIGNATION N.A.

CHAMPAIGN COUNTY SECTION (10-72VB)I F.A.I. ROUTE 72

SECTION BEGINS STA 2011+12.73 F.A.I. ROUTE 72 (EAST BOUND) SECTION (10-72VB)I CHAMPAIGN COUNTY SECTION ENDS STA 2012+67.73

STRUCTURE NO. 010-0036

ci\profects\d500706 (v8)\706text.dgr

LOCATION OF SECTION INDICATED THUS: -

DEPUTY DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

CONTRACT NO. 7048

F.A.I. SECTION COUNTY TOTAL SHEE:
NO. 72 (10-72VB)I CHAMPAIGN 13 2

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS & LIST OF STANDARDS
3.	GENERAL NOTES
4	SUMMARY OF QUANTITIES
5	EXISTING AND PROPOSED TYPICAL CROSS SECTIONS
6	PLAN VIEW
7	STAGE CONSTRUCTION
. 8	LOCATION OF DRAINS
9	DECK DRAIN REPAIR
10	LOCATION OF FULL DEPTH PATCHING
11	WIDTH RESTRICTION SIGNING
12	STAGE I AND STAGE II TRAFFIC CONTROL
13	CADD DETAIL F-5.22

LIST OF HIGHWAY STANDARDS

000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001	AREAS OF REINFORCEMENT REBARS
001006	DECIMAL OF AN INCH AND OF A FOOT
635006-02	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-01	REFLECTOR MARKER AND MOUNTING DETAILS
701400-02	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701402-05	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
701426-02	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES
702001-05	TRAFFFIC CONTROL DEVICES
704001-02	TEMPORARY CONCRETE BARRIER
780001-01	TYPICAL PAVEMENT MARKINGS

I. SECTION COUNTY TOTAL SHEETS NO. (10-72VB)I CHAMPAIGN 13 3

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO THE EXISTING STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VARIFY 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 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.

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Hardy Taylor 1907 Marion Ave. Mattoon, IL 61938 (217) 238-2443

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD FLAGGER CONTACT IS:

Mr. Hardy Taylor 1907 Marion Ave. Mattoon, IL 61938 (217) 238-2443

G.N.-107.31

UTILITY LINES WERE PLOTTED FROM INFORMATION FURNISHED BY THE VARIOUS UTILITY COMPANIES INVOLVED (QUALITY LEVEL C &/OR QUALITY LEVEL D) AND THE ACCURACY SHOULD BE CONSIDERED APPROXIMATE ONLY.

UTILITY COMPANIES MAY BE ADJUSTING THEIR FACILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL COOPERATE WITH THESE ORGANIZATIONS WHILE THESE ADJUSTMENTS ARE BEING PERFORMED.

J.U.L.I.E. - JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS SYSTEM (800)892-0123.

G.N.-406
THE QUANTITIES INCLUDED IN THE PLANS FOR BITUMINOUS
CONCRETE RESURFACING ARE INTENDED TO GIVE THE COVERAGE
SHOWN ON THE TYPICAL CROSS SECTIONS. IT IS NOT INTENDED TO
INCREASE THE THICKNESS OF THE BITUMINOUS MIXTURE IN ORDER
TO USE ALL OF THE QUANTITIES INCLUDED IN THE CONTRACT

G. N. -406H

MIXTURE REQUIREMENTS

The following mixture requirements are applicable for this project:

Location(s):	F.A.I. 72 OVER IC RR
Mixture Use(s):	SURFACE
AC/PG:	PG 64-22
RAP %: (Max)**	10%
Design Air Voids:	4.0% @ Ndes=90
Mixture Composition:	IL 9.5
(Gradation Mixture)	
Friction Aggregate:	MIX D

G.N.-609
PRIOR TO ROUTING TRAFFIC ONTO THE SHOULDERS AS SHOWN IN THE STAGING PLANS, THE CONTRACTOR SHALL SECURE THE GRATINGS ON SHOULDER INLETS AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

G.N.-1004.03
REVISE ARTICLE 1004.03 (c) NOTE 5/ OF THE STANDARD SPECIFICATIONS TO READ:

'5/ GRADATION CA-16 SHALL BE USED IN LIEU OF CA-13 WHEN THE SURFACE COURSE IS LESS THAN 1 3/4 INCHES IN THICKNESS. CA-13 OR CA-16 MAY BE USED WHEN THE SURFACE COURSE IS 1 3/4 INCHES OR MORE IN THICKNESS.'

FILE NAME = orporojects\d500706 (v8)\706textdgn PLOT SCALE = 50.0000 / IN. USER NAME = phillps.pr

SUMMARY OF QUANTITIES

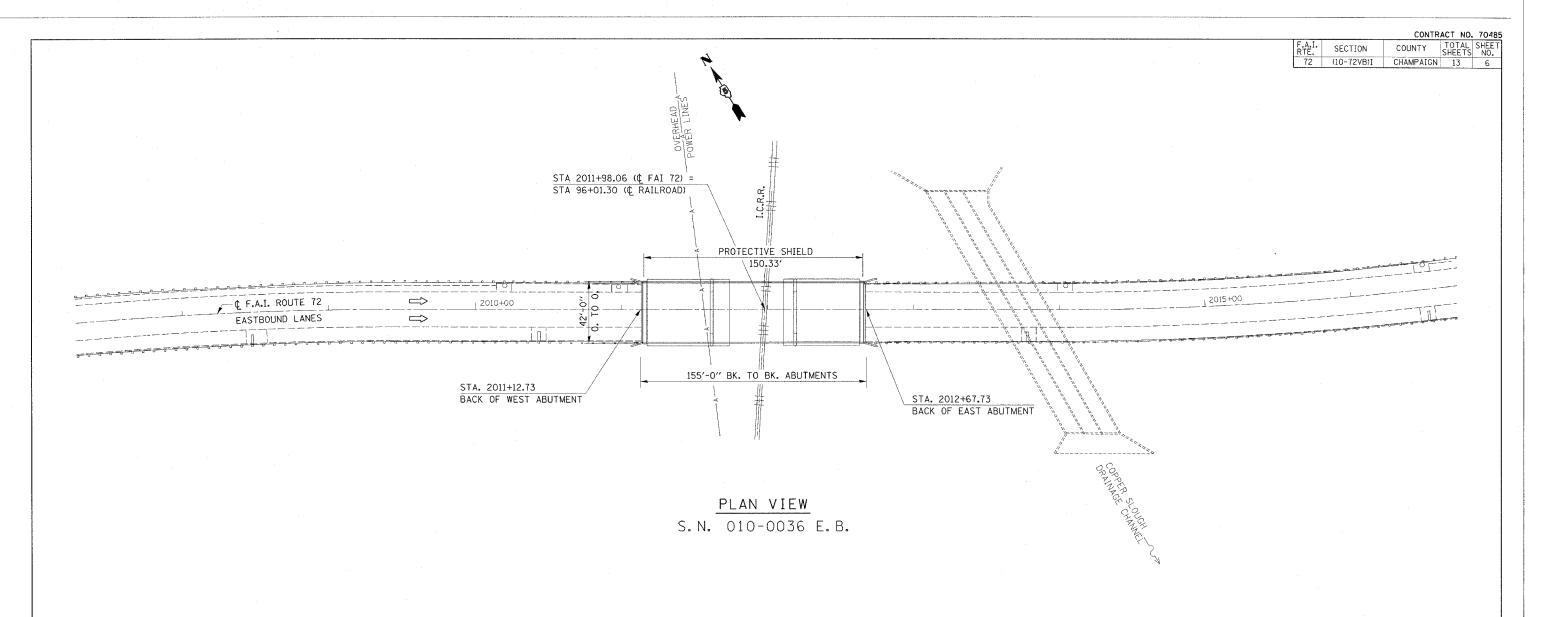
LOCATION OF WORK:

F.A.I. 72 OVER IC RR

CODE NO	CONSTRUCTION TYPE CODE:	UNIT	S/N 010-0036 100% STATE SFTY-2A TOTAL QUANTITY
X0315105	MONODIRECTIONAL REFLECTORS TYPE C	EACH	16.0
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	50. 0
40600300	AGGREGATE (PRIME COAT)	TON	1.0
44000910	BITUMINOUS CONCRETE REMOVAL (DECK)	SQ YD	645.0
67100100	MOBILIZATION	L SUM	1, 0
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	1.0
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	2,284.0
70400100	TEMPORARY CONCRETE BARRIER	FOOT	375.0
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	362. 5
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	3, 873. 0
78300100	PAVEMENT MARKING REMOVAL	SQ FT	1,291.0
X0321468	PLUG EXISTING DECK DRAINS	EACH	3. 0
X4066428	BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE, MIX "D", N90	TON	64.0
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	14.0
* X7200201	WIDTH RESTRICTION SIGNING	L SUM	1.0
Z0016001	DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	32.0
Z0016002	DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	62.0
Z0016200	DECK SLAB REPAIR (PARTIAL)	SQ YD	57.0
\(\) Z0030250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1.0
∆ Z0030350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	1.0
Z0047300	PROTECTIVE SHIELD	SQ YD	702.0
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0

^{*} SPECIALTY ITEMS

A SFTY-3N



BILL OF MATERIALS				
ITEM	UNITS	QUANTITY		
BITUMINOUS MATERIALS (PRIME COAT)	GALLON	50.0		
AGGREGATE (PRIME COAT)	TON	1.0		
BITUMINOUS CONCRETE REMOVAL (DECK)	SQ YD	645.0		
PLUG EXISTING DECK DRAINS	EACH	3.0		
BITUMINOUS CONCRETE SURFACE COURSE, SUPERPAVE,				
MIX "D", N90	TON	64.0		
DECK SLAB REPAIR (FULL DEPTH, TYPE I)	SQ YD	32.0		
DECK SLAB REPAIR (FULL DEPTH, TYPE II)	SQ YD	62.0		
DECK SLAB REPAIR (PARTIAL)	SQ YD	57.0		
PROTECTIVE SHIELD	SQ YD	702.0		

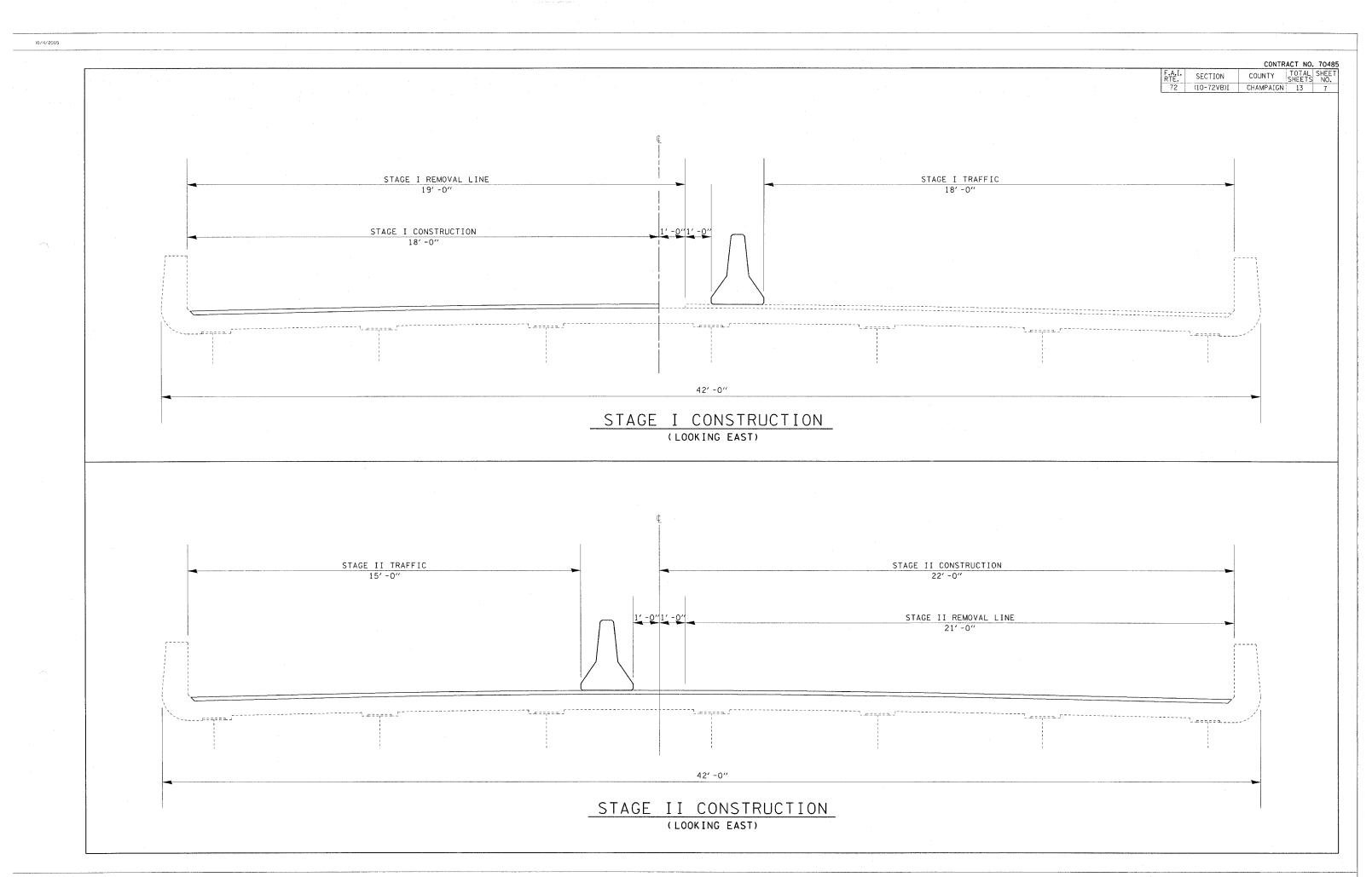
GENERAL NOTES

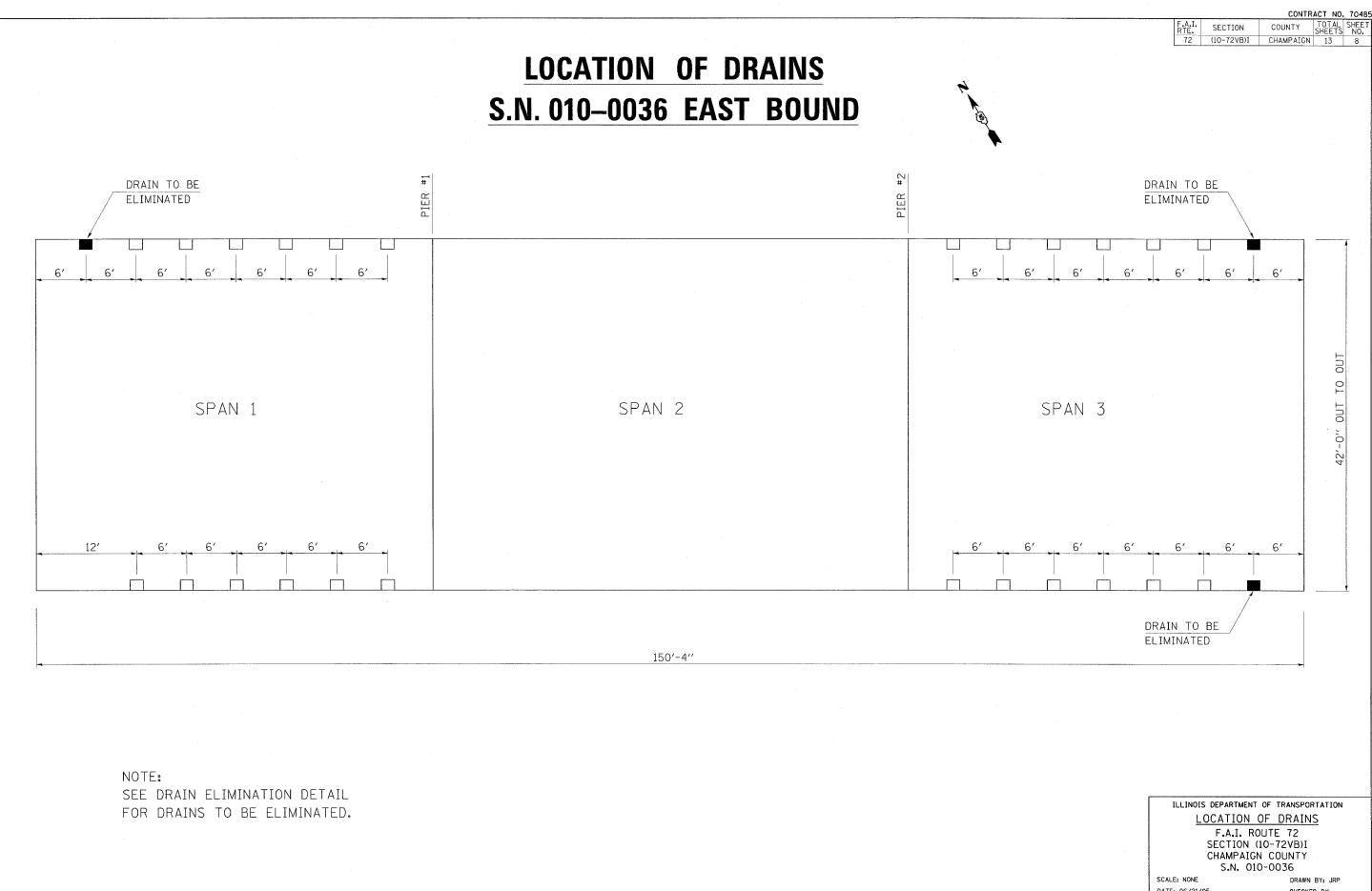
PLAN DIMENSIONS AND DETAILS RELATIVE TO THE STRUCTURE HAVE BEEN TAKEN FROM EXISTING PLANS AND ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY SUCH DIMENSIONS AND DETAILS IN THE FIELD AND MAKE THE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION OR A CHANGE IN THE SCOPE OF WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE CONTRACT UNIT PRICE FOR THE WORK.

THE DECK SLAB REPAIR (PARTIAL & FULL DEPTH) QUANTITY IS ESTIMATED AND THE ACTUAL LOCATIONS ARE TO BE DETERMINED IN THE FIELD BY THE ENGINEER AFTER THE BITUMINOUS OVERLAY AND WATERPROOFING ARE REMOVED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS ON SHEET 10 OF 13.

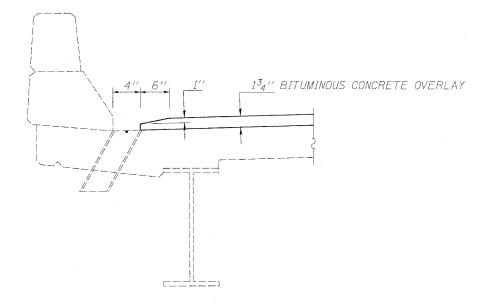
> ILLINOIS DEPARTMENT OF TRANSPORTATION GENERAL PLAN F.A.I. ROUTE 72 SECTION (10-72VB)I CHAMPAIGN COUNTY S.N. 010-0036

SCALE: 1" = 30' DATE: 06/14/05 DRAWN BY: JRP

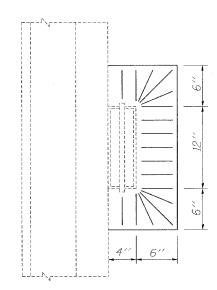




DETAIL OF DRAIN AT CURB

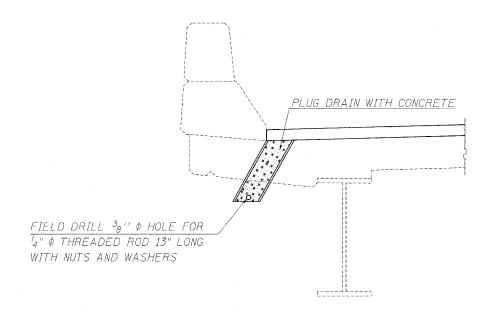


SECTION AT DRAIN



PLAN VIEW

DRAIN ELIMINATION DETAIL



SECTION AT DRAIN

NOTE: SEE SHEET 8 OF 13 FOR DRAINS TO BE PLUGGED

ILLINOIS DEPARTMENT OF TRANSPORTATION

DECK DRAIN REPAIR F.A.I. ROUTE 72 SECTION (10-72VB)I CHAMPAIGN COUNTY S.N. 010-0036

SCALE: NONE DATE: 06/17/05 DRAWN BY: JRP

CONTRACT NO. 70485 F.A.I. SECTION COUNTY TOTAL SHEETS NO. 72 (10-72VB)I CHAMPAIGN 13 10

LOCATION OF FULL DEPTH PATCHING S.N. 010-0036 EAST BOUND

21'-8" 25'-0" 19'-0" 19'-0" 19'-0" 25'-0" 21'-8''

PLAN VIEW OF AS-BUILT PATCHES

151'-9" END TO END

NOTES:

AREAS OF PARTIAL AND FULL DEPTH PATCHES SHALL BE DETERMINED BY THE ENGINEER AFTER THE BITUMINOUS OVERLAY AND WATERPROOFING ARE REMOVED.

QUANTITIES OF DECK REPAIR HAVE BEEN ESTIMATED. THE ENGINEER SHALL SHOW ACTUAL LOCATIONS OF DECK REPAIRS ON AS-BUILT PLANS.

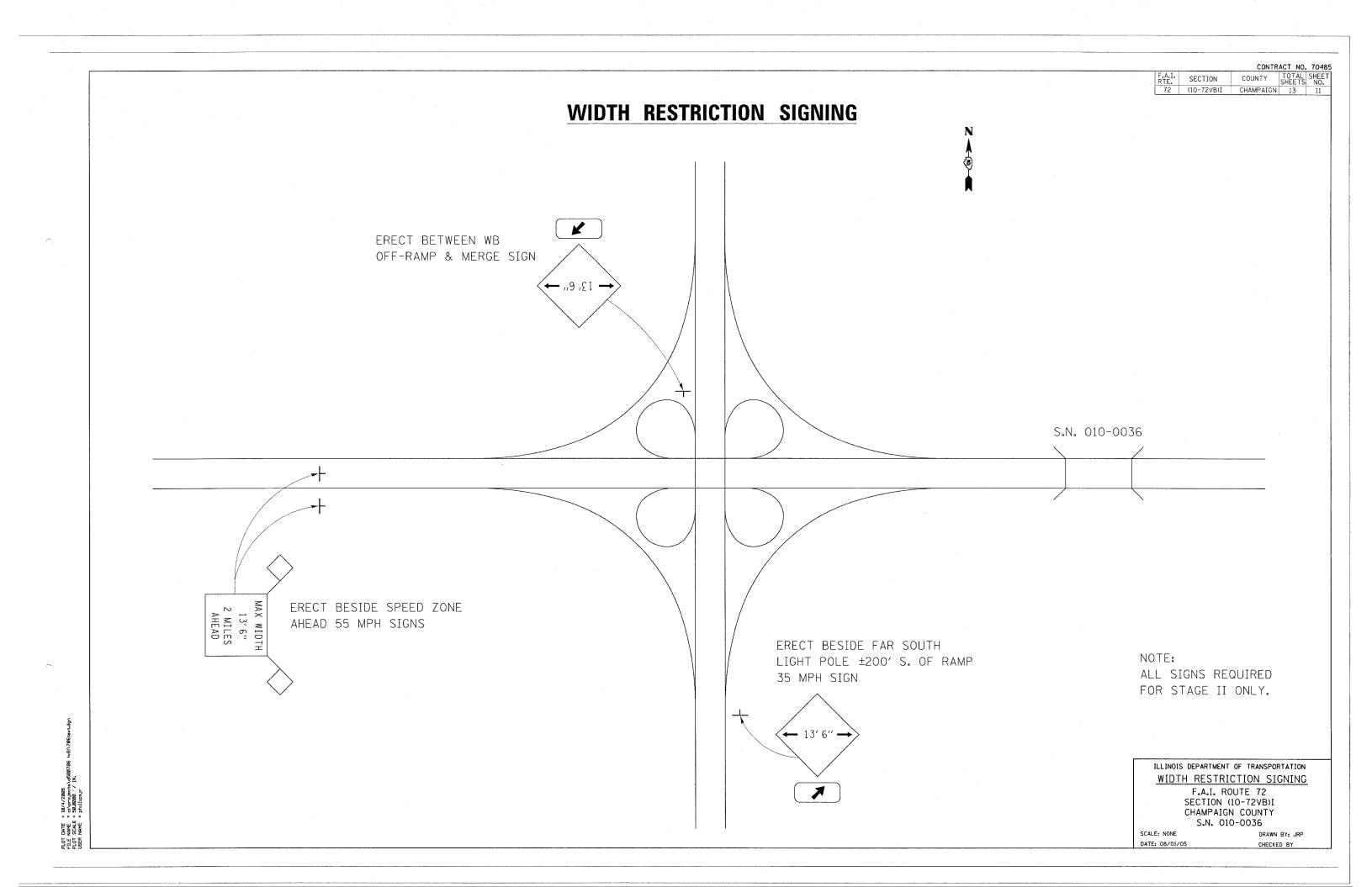
ILLINOIS DEPARTMENT OF TRANSPORTATION

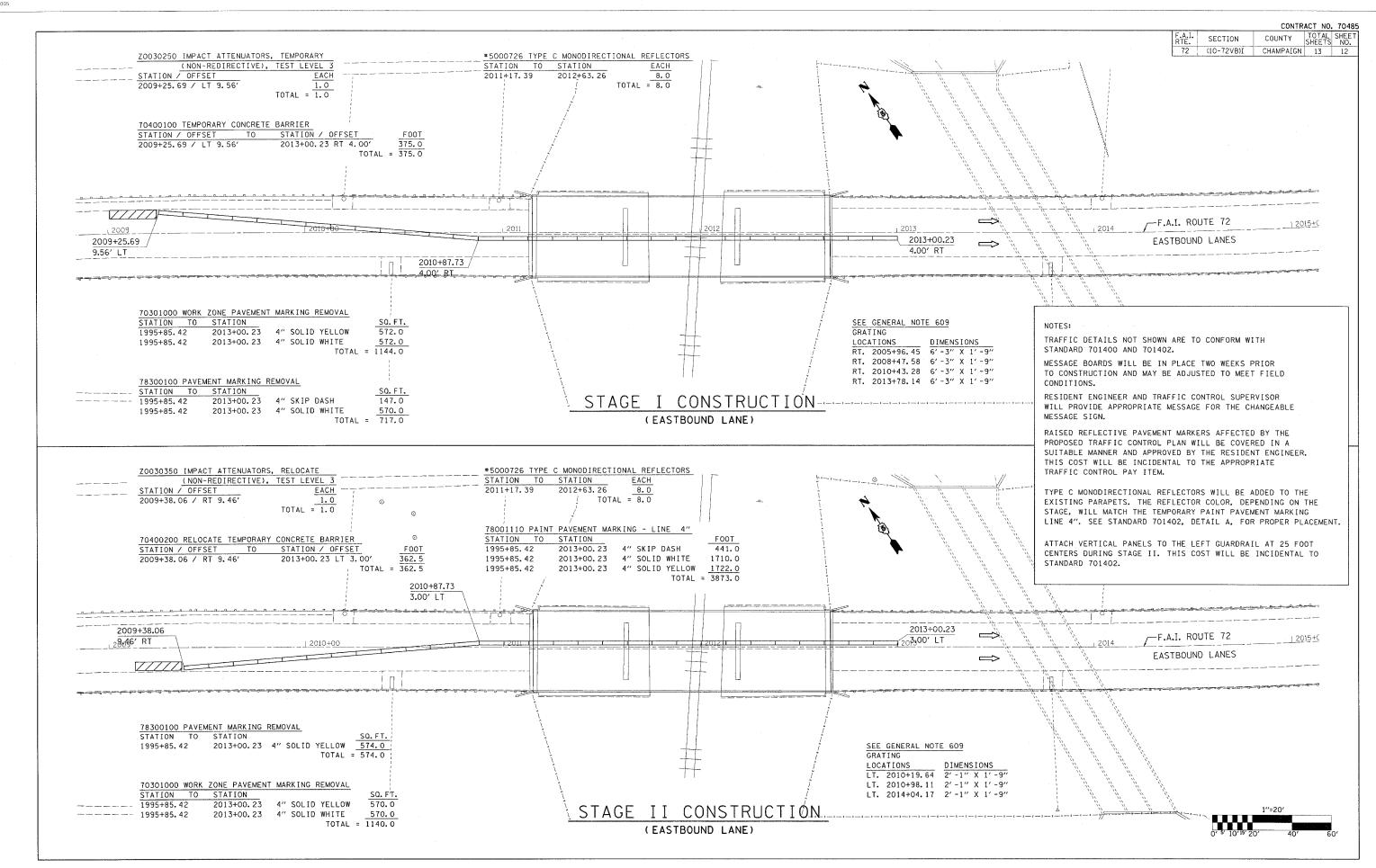
LOCATION OF FULL DEPTH PATCHING

F.A.I. ROUTE 72 SECTION (10-72VB)I CHAMPAIGN COUNTY S.N. 010-0036

SCALE: NONE

DRAWN BY: JRP

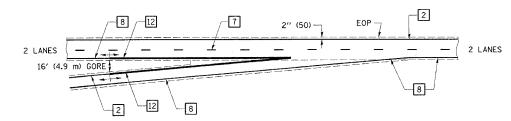




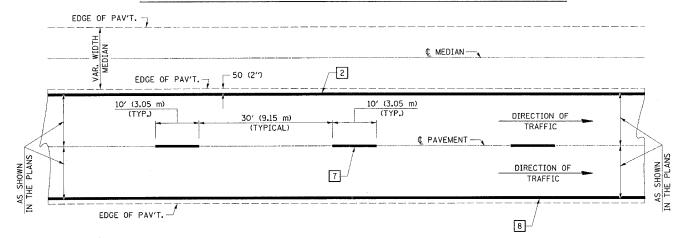
F.A.I. SECTION COUNTY TOTAL SHEETS NO. 72 (10-72VB)I CHAMPAIGN 13 13

TYPICAL APPLICATION OF PAVEMENT MARKINGS FOR INTERSTATE AND MULTI-LANE DIVIDED HIGHWAYS

TYPICAL ENTRANCE RAMP TERMINAL



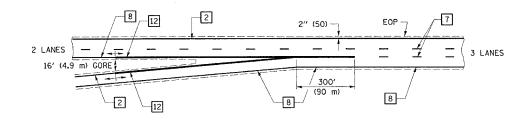
CENTERLINE INTERSTATE OR MULTI-LANE TWO WAY DIVIDED HIGHWAY



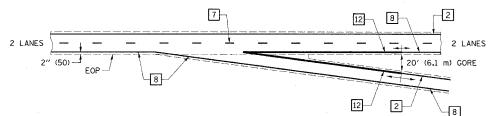
NOTE: PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE. NOTE: SEE ARTICLES 780.04 & 781.03 FOR LOCATION OF STRIPES AND MARKERS RELATIVE TO EDGES OR JOINTS.

FOR RAISED REFLECTIVE PAVEMENT MARKERS, REFER TO STANDARD 781001.

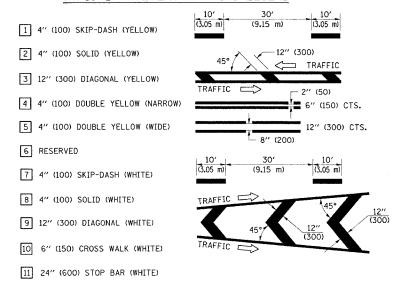
ENTRANCE RAMP TERMINAL with EXCLUSIVE LANE



TYPICAL EXIT RAMP TERMINAL



TYPICAL PAVEMENT MARKING LEGEND



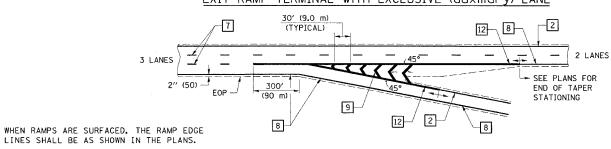
12 8" (200) SOLID (WHITE)

14 RESERVED

13 4" (100) LANE LINE EXTENSIONS (WHITE)

EXIT RAMP TERMINAL with EXCLUSIVE (auxiliary) LANE

2' TYP.



NAME DATE REVISIONS P.E.E. 03/89 DATE DESIGNED NAME CHECKED D.L.P. 08/97 C.T.D. 04/89 F-5.22 CADD NO.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.