

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	1

* (11X-2)RS-1 & (11,1)RS-4

D-93-002-06



LOCATION OF SECTION INDICATED THUS: - [black bar] -

FUNCTIONAL CLASSIFICATION
 URBAN OTHER PRINCIPAL ARTERIAL
 FAP 330 (IL 17)
 2005 ADT = 19400
 P.V = 97.4% M.U. = 1.9% S.U. = 0.7%

INDEX OF SHEETS

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STANDARDS

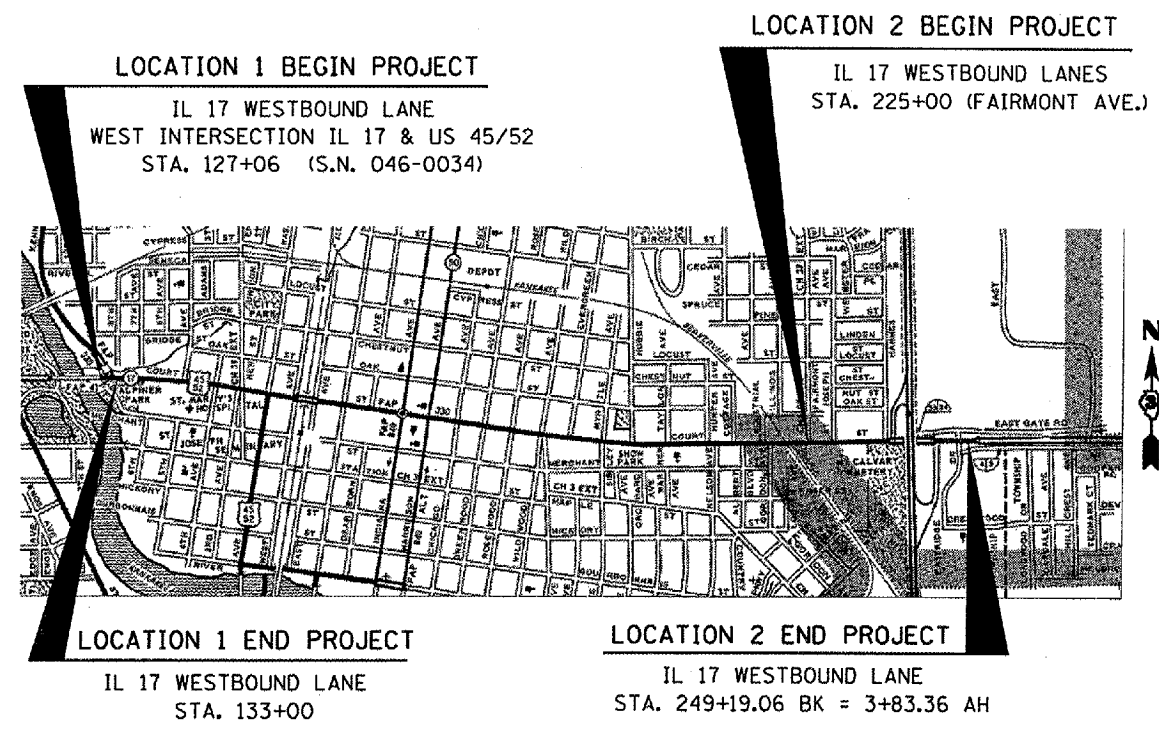
- 000001-04 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701001-01 OFF-ROAD OPERATIONS 2L, 2W, MORE THAN 4.5 m (15') AWAY
- 701006-02 OFF-ROAD OPERATIONS 2L, 2W, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701101-01 OFF-ROAD OPERATIONS MULTILANE, 4.5 m (15') TO 600 mm (24") FROM PAVEMENT EDGE
- 701106-01 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 4.5 m (15') AWAY
- 701426-02 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION, FOR SPEEDS ≥ 45 MPH
- 701601-04 URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
- 701602-02 URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
- 701606-04 URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
- 701701-04 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 702001-06 TRAFFIC CONTROL DEVICES
- 780001-01 TYPICAL PAVEMENT MARKINGS
- 781001-02 TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
- 886001 DETECTOR LOOP INSTALLATIONS
- 886006 TYPICAL LAYOUT FOR DETECTION LOOPS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED
HIGHWAY PLANS

FAP ROUTE 330 (IL 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
PROJECT

KANKAKEE COUNTY
 C-93-070-06

MILLING AND RESURFACING THE WESTBOUND LANES AT US 45/52 WEST INTERSECTION AND FROM FAIRMONT STREET TO JUST EAST OF EASTRIDGE DRIVE INCLUDING I-57 EXIT AND ENTRANCE RAMP



LOCATION 1 BEGIN PROJECT

IL 17 WESTBOUND LANE
 WEST INTERSECTION IL 17 & US 45/52
 STA. 127+06 (S.N. 046-0034)

LOCATION 2 BEGIN PROJECT

IL 17 WESTBOUND LANES
 STA. 225+00 (FAIRMONT AVE.)

LOCATION 1 END PROJECT

IL 17 WESTBOUND LANE
 STA. 133+00

LOCATION 2 END PROJECT

IL 17 WESTBOUND LANE
 STA. 249+19.06 BK = 3+83.36 AH

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123

PROJECT ENGINEER: JOE KANNEL (815) 434-8420
UNIT CHIEF: RON WOODSHANK (815) 434-8419
TOWNSHIPS: KANKAKEE
CONTRACT NO. 66650

GROSS LENGTH OF IMPROVEMENT = 3013 FT = 0.571 MI.
 NET LENGTH OF IMPROVEMENT = 3013 FT = 0.571 MI.

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED 9/29 2006
[Signature]
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

October 13, 2006
[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

October 13, 2006
[Signature]
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

DATE: 06/27/2006
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	2

* (11X-2)RS-1 & (11,1)RS-4

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING ROADWAY OR 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 TO 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 THE UNIT BID FOR THE WORK.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.31 OF THE STANDARD SPECIFICATIONS. THE "JULIE" NUMBER IS 1-800-892-0123. A MINIMUM OF FORTY-EIGHT (48) HOURS ADVANCE NOTICE IS REQUIRED.

WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL MONUMENTS UNTIL AN AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUBSECTION MONUMENTS DESTROYED BY HIS OPERATIONS.

THE THICKNESS OF BITUMINOUS MIXTURES SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE BITUMINOUS MIXTURE IS PLACED.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS BITUMINOUS LIFTS.

FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW BITUMINOUS PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

IN AREAS DESIGNATED TO BE MILLED AND RESURFACED, THE CONTRACTOR SHALL MATCH EXISTING PAVEMENT SLOPES.

BITUMINOUS MAT PRIME COAT	0.08	GAL / SQ YD OR
	0.375	GAL / SQ YD
AGGREGATE PRIME COAT	0.002	TONS / SQ YD
BITUMINOUS RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

	STONE MATRIX ASPHALT (SMA) BINDER	STONE MATRIX ASPHALT (SMA) SURFACE
	BOTTOM 2 1/4" LIFT	TOP 1 3/4" LIFT
PG GRADE	SBS PG76-22	SBS PG76-22
MAX % RAP ALLOWABLE	0%	0%
DESIGN AIR VOIDS	4.0% e N50	4.0% e N50
MINIMUM VMA	16.0%	16.0%
MIXTURE COMPOSITION	SEE SPECIAL PROVISION	SEE SPECIAL PROVISION
FRICITION AGGREGATE	MIXTURE D (DOLOMITE)	MIXTURE D (DOLOMITE)
MINIMUM TSR	0.85	0.85
DENSITY CONTROL METHOD	CORES OR CORRELATION	CORES OR CORRELATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

PREPARED BY: *R. Powell*
DISTRICT STUDIES & PLANS ENGINEER

DATE: 8-28-06

Herb Jones
DISTRICT CONSTRUCTION ENGINEER

Mark O'Neil
DISTRICT MATERIALS ENGINEER

Bruce A. Jackson
DISTRICT OPERATIONS ENGINEER

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
GENERAL NOTES
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	3

* (11X-2)RS-1 & (11,1)RS-4

SUMMARY OF QUANTITIES

CONSTRUCTION CODE TYPE: I000

URBAN
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	1074
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGWAYS	TON	4
40600990	TEMPORARY RAMP	SQ YD	650
44000007	BITUMINOUS SURFACE REMOVAL 2"	SQ YD	300
44000011	BITUMINOUS SURFACE REMOVAL 4"	SQ YD	13104
67100100	MOBILIZATION	L SUM	1
70106450	TRAFFIC CONTROL AND PROTECTION, LOCATION 1	L SUM	1
70106451	TRAFFIC CONTROL AND PROTECTION, LOCATION 2	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1566
70300210	TEMPORARY PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	569
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	3514
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	1098
70300250	TEMPORARY PAVEMENT MARKING - LINE 8"	FOOT	1332
70300260	TEMPORARY PAVEMENT MARKING - LINE 12"	FOOT	915
70300280	TEMPORARY PAVEMENT MARKING - LINE 24"	FOOT	296
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	516

SHEET 1 OF 2

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	4

(11X-2)RS-1 & (11,1)RS-4

SUMMARY OF QUANTITIES

CONSTRUCTION CODE TYPE: I000

URBAN
100% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	569
* 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	3514
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	1098
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1332
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	915
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	296
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	137
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	137
81306200	DRILL EXISTING JUNCTION BOX	EACH	1
* 88600100	DETECTOR LOOP, TYPE I	FOOT	950
XX004763	BITUMINOUS PAVEMENT REMOVAL AND REPLACEMENT	SQ YD	50
X4063000	PRELIMINARY TEST STRIP (STONE MATRIX ASPHALT)	EACH	1
X7013010	TRAFFIC CONTROL AND PROTECTION FOR RAMP CLOSURE	L SUM	1
* X8860100	LOOP DETECTOR TESTING	EACH	2
X0325601	POLYMERIZED BITUMINOUS CONCRETE SURFACE COURSE, STONE MATRIX ASPHALT, SUPERPAVE, N50	TON	1314
X0325602	POLYMERIZED BITUMINOUS CONCRETE BINDER COURSE, STONE MATRIX ASPHALT, SUPERPAVE, N50	TON	1691

* SPECIALITY ITEMS

SHEET 2 OF 2

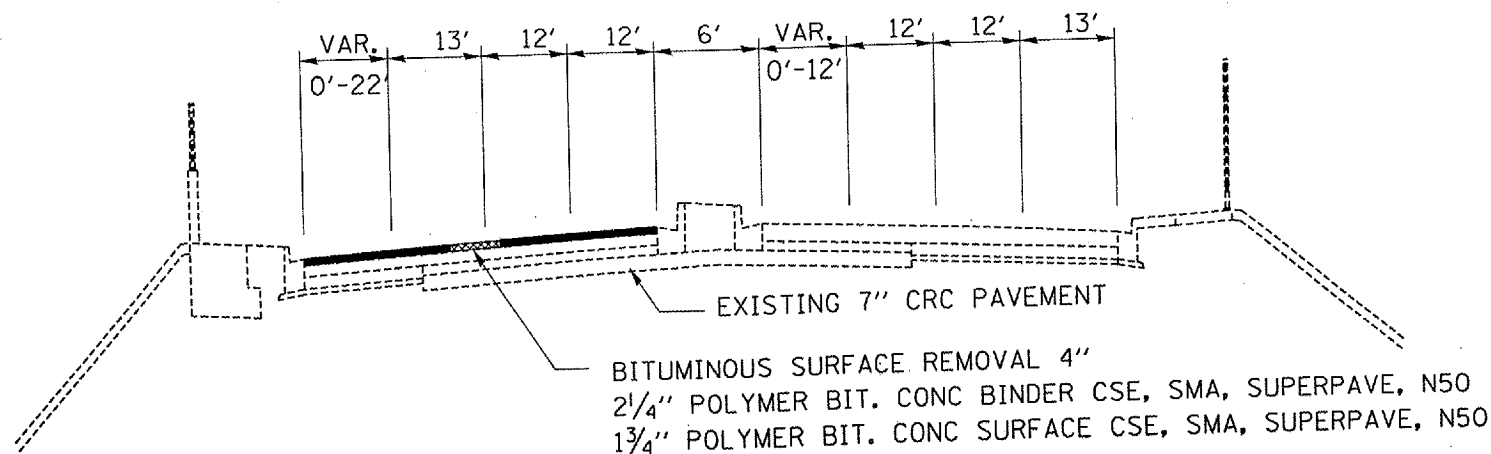
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
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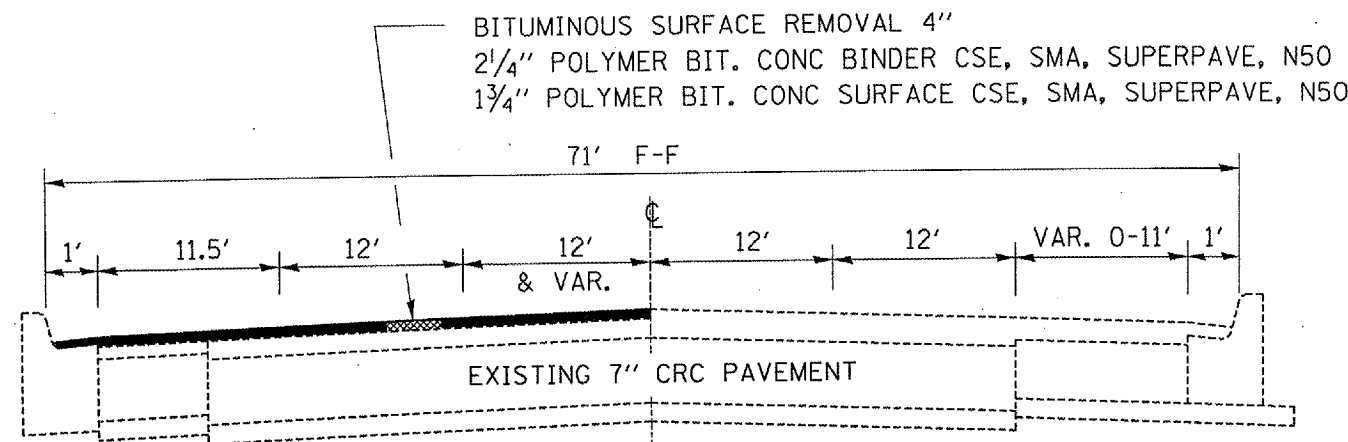
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330	*	KANKAKEE	24	5

* (11X-2)RS-1 & (11,1)RS-4



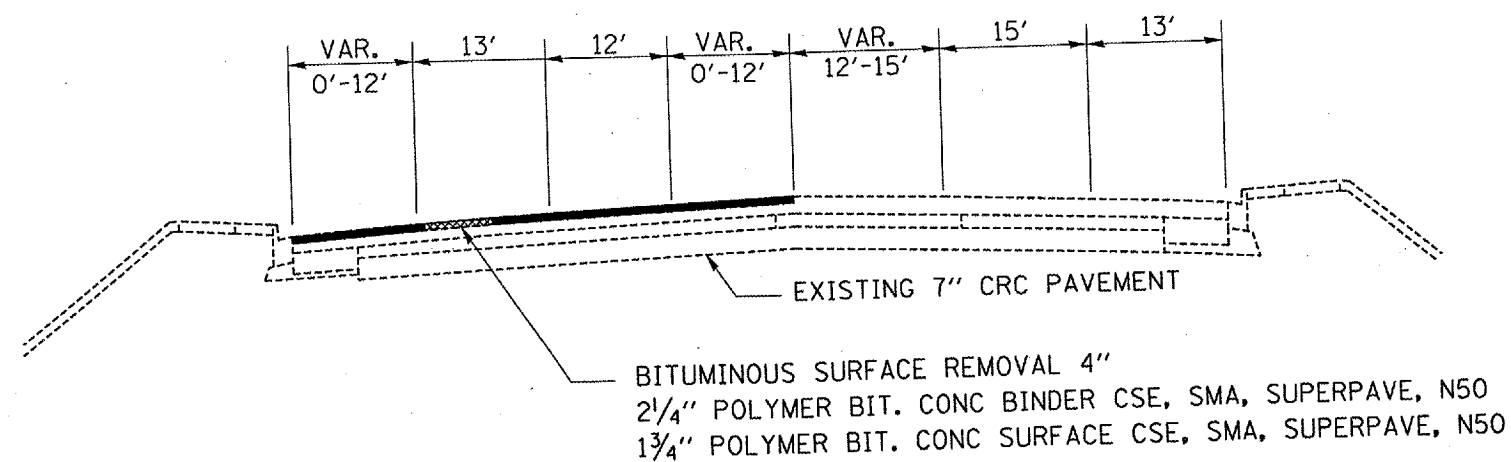
PROPOSED TYPICAL SECTION 1

LOCATION 1
STA. 127+06 TO STA. 131+23



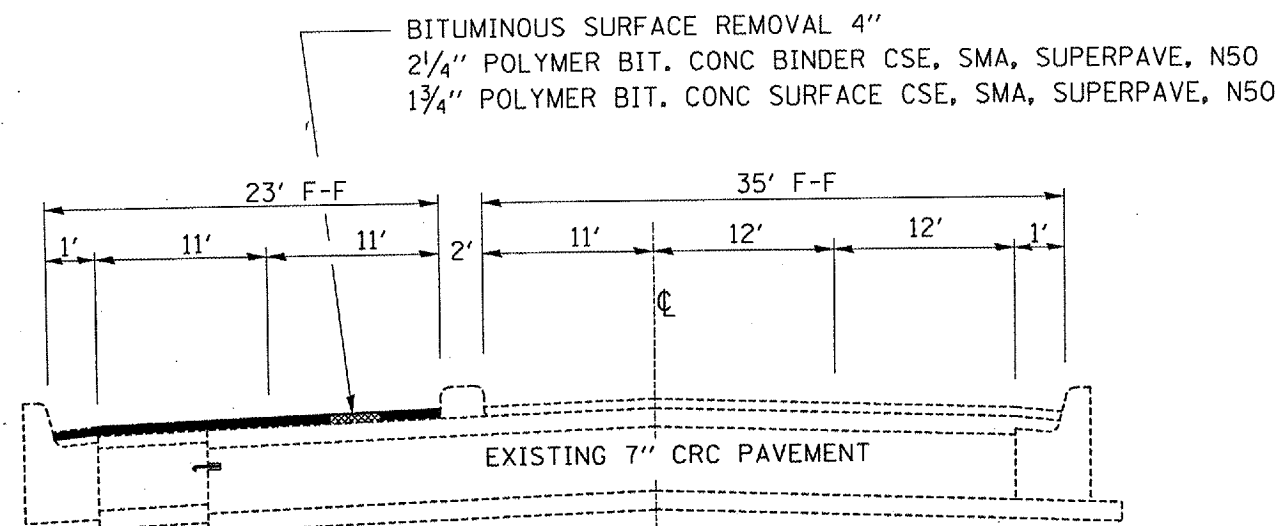
PROPOSED TYPICAL SECTION 3

LOCATION 2
STA. 225+00 TO STA. 234+60
STA. 236+10 TO STA. 236+70



PROPOSED TYPICAL SECTION 2

LOCATION 1
STA. 131+23 TO STA. 133+00



PROPOSED TYPICAL SECTION 4

LOCATION 2
STA. 234+60 TO STA. 236+10

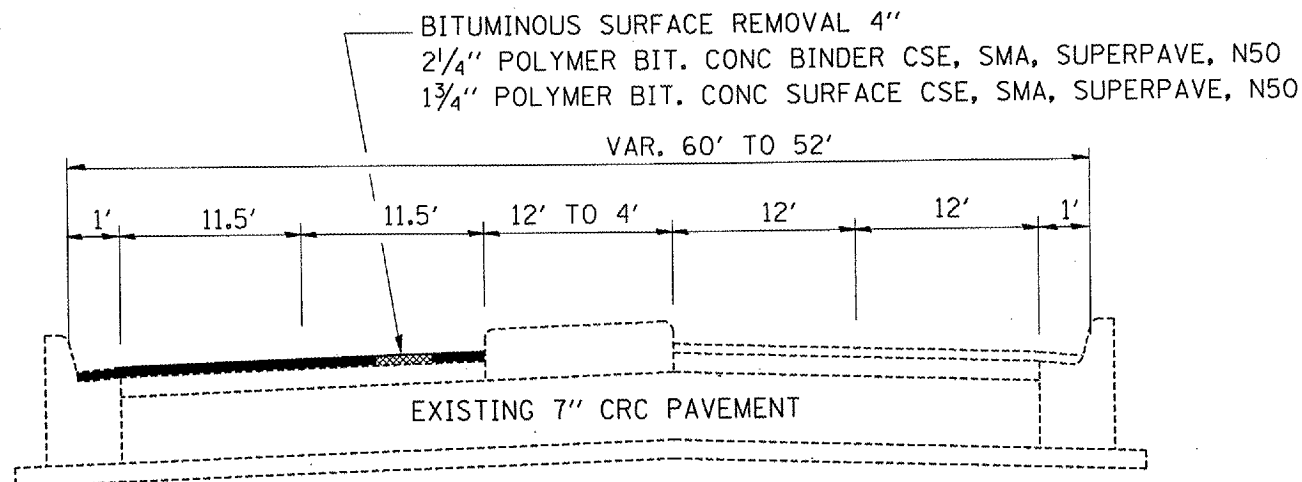
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NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
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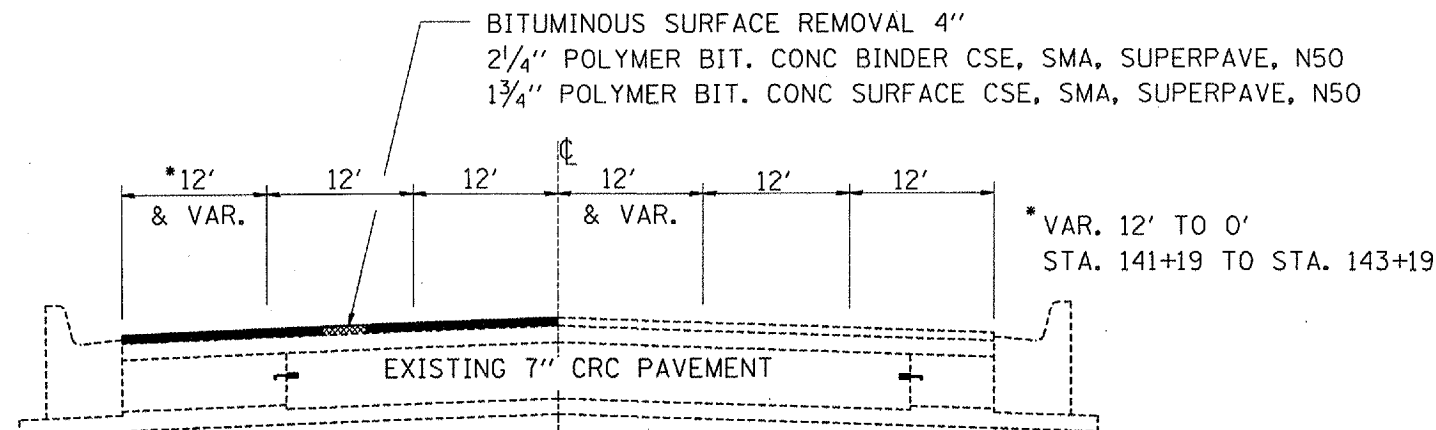
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	6

* (11X-2)RS-1 & (11,1)RS-4



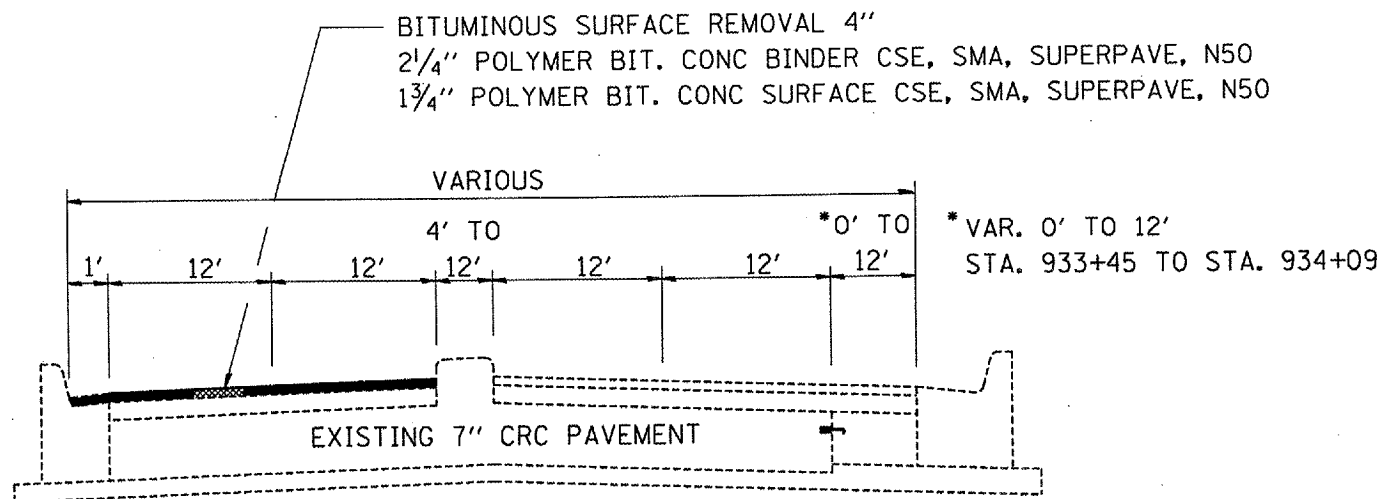
PROPOSED TYPICAL SECTION 5

LOCATION 2
 STA. 236+70 TO STA. 239+41



PROPOSED TYPICAL SECTION 7

LOCATION 2
 STA. 241+99 TO STA. 249+19.06



PROPOSED TYPICAL SECTION 6

LOCATION 2
 STA. 239+41 TO STA. 241+99

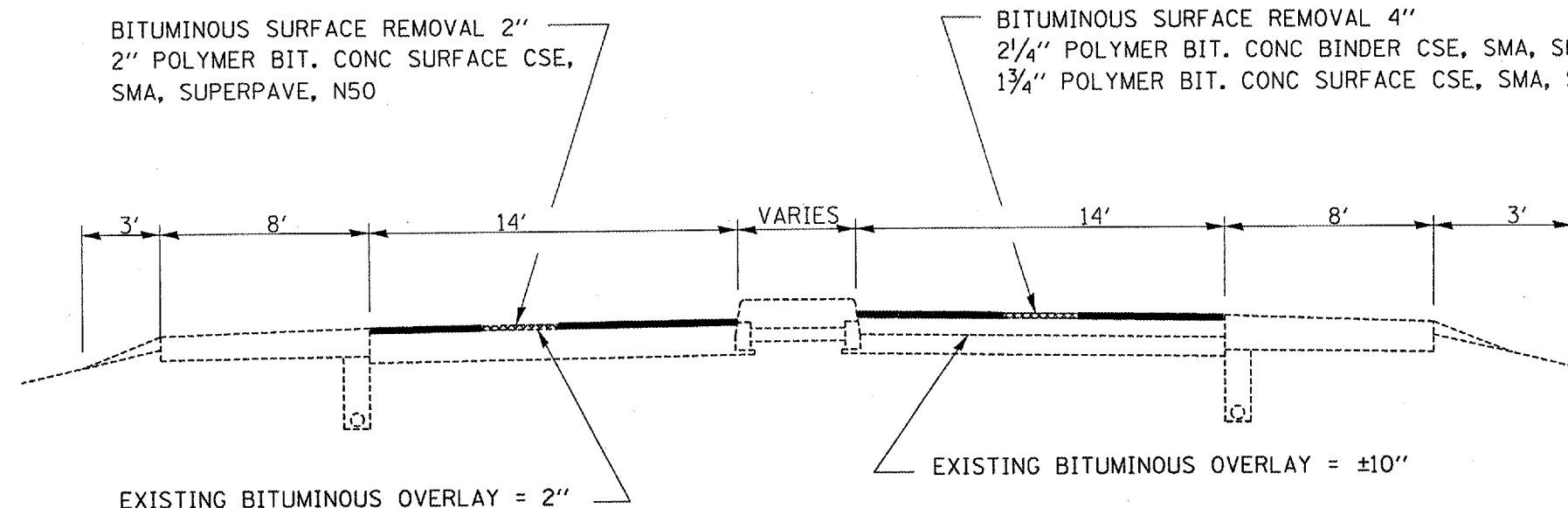
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

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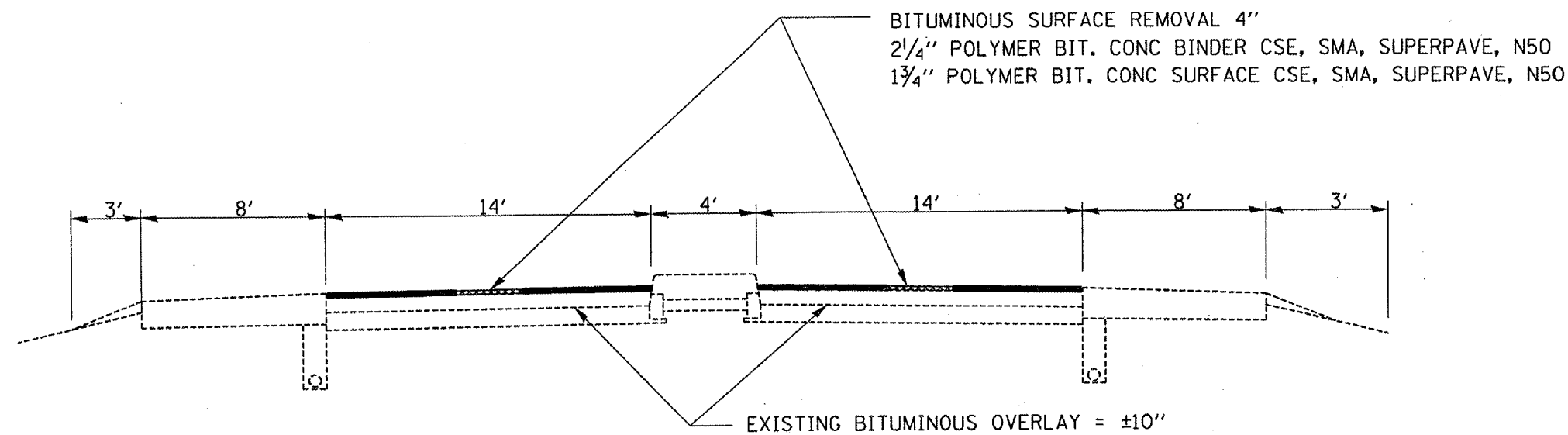
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	7

* (11X-2)RS-1 & (11,1)RS-4



WEST RAMPS – TYPICAL SECTION 9

LOCATION 2
STA. 236+48 LT.



EAST RAMPS – TYPICAL SECTION 10

LOCATION 2
±STA. 242+15 RT.

REVISIONS	
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ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL SECTIONS
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	8

* (11X-2)RS-1 & (11,1)RS-4

MAINLINE SCHEDULE

LOCATION	BITUMINOUS SURFACE REMOVAL 2"	BITUMINOUS SURFACE REMOVAL 4"	BITUMINOUS MATERIALS (PRIME COAT)	POLYMERIZED BITUMINOUS CONCRETE BINDER CSE. STONE MATRIX ASPHALT SUPERPAVE, N50	POLYMERIZED BITUMINOUS CONCRETE SURFACE CSE. STONE MATRIX ASPHALT SUPERPAVE, N50	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TEMPORARY RAMP
	SO YD	SO YD	GALS	TONS	TONS	TONS	SO YD
LOCATION 1							
STA. 127+06 - STA. 133+00		3399	272	381	381	1	332
LOCATION 2							
STA. 225+00 - STA. 228+00		1147	92	129	129	0.3	104
STA. 228+00 - STA. 234+00		2250	180	252	252	0.7	310
STA. 234+00 - STA. 239+00		1520	122	170	170	0.5	172
I-57 RAMPS STA. 236+50 LT.							
SB RAMP TO IL 17	300		24		34	0.1	40
RAMP TO SB I-57		570	46	64	64	0.2	40
STA. 239+00 - STA. 244+00		1385	111	155	155	0.4	
I-57 RAMPS STA. 236+50 LT.							
RAMP TO NB I-57		497	40	56	56	0.1	40
NB RAMP TO IL 17		409	33	46	46	0.1	40
STA. 244+00 - 249+19.06 BK		1952	156	219	219	0.6	331
STA. EOU. 249+19.06 BK=STA. 3+83.36 AH							
PROJECT TOTAL	300	13129	1076	1472	1506	4	1409

THERMOPLASTIC PAVEMENT MARKING SCHEDULE

LOCATION	4" LINE		6" LINE		8" LINE	12" LINE	24" LINE	LETTERS & SYMBOLS
	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	WHITE	
	FEET	FEET	FEET	FEET	FEET	FEET	FEET	SO FT
LOCATION 1								
STA. 127+06 - STA. 133+00		102			519	91	55	150
LOCATION 2								
STA. 225+00 - STA. 228+00		208	75	52	50		32	78
STA. 228+00 - STA. 234+00		735	150	150				94
STA. 234+00 - STA. 239+00		642	200		340	392	72	151
I-57 RAMPS STA. 236+50 LT.								
SB RAMP TO IL 17	133	185						
RAMP TO SB I-57	122	185						
STA. 239+00 - STA. 244+00		314	125		78		35	23
I-57 RAMPS STA. 242+14.71 RT.								
RAMP TO NB I-57	71	193	92		30	166	22	
NB RAMP TO IL 17	111	193	74		38	146	33	
STA. 244+00 - 249+19.06 BK		320	180		277	120	47	73
STA. EOU. 249+19.06 BK=STA. 3+83.36 AH								
SUBTOTALS	437	3077	896	202	1332	915	296	569
PROJECT TOTAL		3514		1098	1332	915	296	569

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ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULES
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
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DATE: 06/27/2006 c:/projects/cmain07/cm305/details.dgn

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330	*	KANKAKEE	24	9

* (11X-2)RS-1 & (11,1)RS-4

RAISED REFLECTIVE PAVEMENT MARKER SCHEDULE				
LOCATION	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	RAISED REFLECTIVE PAVEMENT MARKER		
		MONODIRECTIONAL CRYSTAL	BIDIRECTIONAL AMBER	
	EACH	EACH	EACH	
LOCATION 1				
STA. 127+06 - STA. 133+00	28	28		
LOCATION 2				
STA. 225+00 - STA. 228+00	18	10	8	
STA. 228+00 - STA. 234+00	41	25	16	
STA. 234+00 - STA. 239+00	12	10	2	
I-57 RAMPS STA. 236+50 LT.				
SB RAMP TO IL 17				
RAMP TO SB I-57				
STA. 239+00 - STA. 244+00	16	15	1	
I-57 RAMPS STA. 236+50 LT.				
RAMP TO NB I-57				
NB RAMP TO IL 17				
STA. 244+00 - 249+19.06 BK	22	16	6	
STA. EQU. 249+19.06 BK=STA. 3+83.36 AH				
SUBTOTAL	137	104	33	
PROJECT TOTAL	137	137		

WORK ZONE PAVEMENT MARKING SCHEDULE			
LOCATION	SHORT-TERM PVMT MK	WORK ZONE PVMT MK REM	
		FEET	SO FT
LOCATION 1			
STA. 127+06 - STA. 133+00	97	32	
LOCATION 2			
STA. 225+00 - STA. 228+00	48	16	
STA. 228+00 - STA. 234+00	113	37	
STA. 234+00 - STA. 239+00	182	60	
I-57 RAMPS STA. 236+50 LT.			
SB RAMP TO IL 17	32	10	
RAMP TO SB I-57	31	10	
STA. 239+00 - STA. 244+00	59	19	
I-57 RAMPS STA. 236+50 LT.			
RAMP TO NB I-57	57	19	
NB RAMP TO IL 17	60	20	
STA. 244+00 - 249+19.06 BK	105	35	
STA. EQU. 249+19.06 BK=STA. 3+83.36 AH			
SUBTOTALS	783	258	
PROJECT TOTAL	783	258	

TEMPORARY PAVEMENT MARKING SCHEDULE									
LOCATION	4" LINE		6" LINE		8" LINE	12" LINE	24" LINE	LETTERS & SYMBOLS	
	WHITE	YELLOW	WHITE	YELLOW	WHITE	WHITE	WHITE	SQ FT	
	FEET	FEET	FEET	FEET	FEET	FEET	FEET		
LOCATION 1									
STA. 127+06 - STA. 133+00		102			519	91	55	150	
LOCATION 2									
STA. 225+00 - STA. 228+00		208	75	52	50		32	78	
STA. 228+00 - STA. 234+00		735	150	150				94	
STA. 234+00 - STA. 239+00		642	200		340	392	72	151	
I-57 RAMPS STA. 236+50 LT.									
SB RAMP TO IL 17	133	185							
RAMP TO SB I-57	122	185							
STA. 239+00 - STA. 244+00		314	125		78		35	23	
I-57 RAMPS STA. 242+14.71 RT.									
RAMP TO NB I-57	71	193	92		30	166	22		
NB RAMP TO IL 17	111	193	74		38	146	33		
STA. 244+00 - 249+19.06 BK		320	180		277	120	47	73	
STA. EQU. 249+19.06 BK=STA. 3+83.36 AH									
SUBTOTALS	437	3077	896	202	1332	915	296	569	
PROJECT TOTAL	3514		1098		1332	915	296	569	

DETECTOR LOOP SCHEDULE			
LOCATION	DETECTOR LOOP	LOOP DETECTOR	DRILL EXISTING
	TYPE I	TESTING	JUNCTION BOX
	FEET	EACH	EACH
FAIRMONT AVE.	450	1	1
EASTRIDGE ROAD	500	1	
PROJECT TOTAL	950	2	1

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

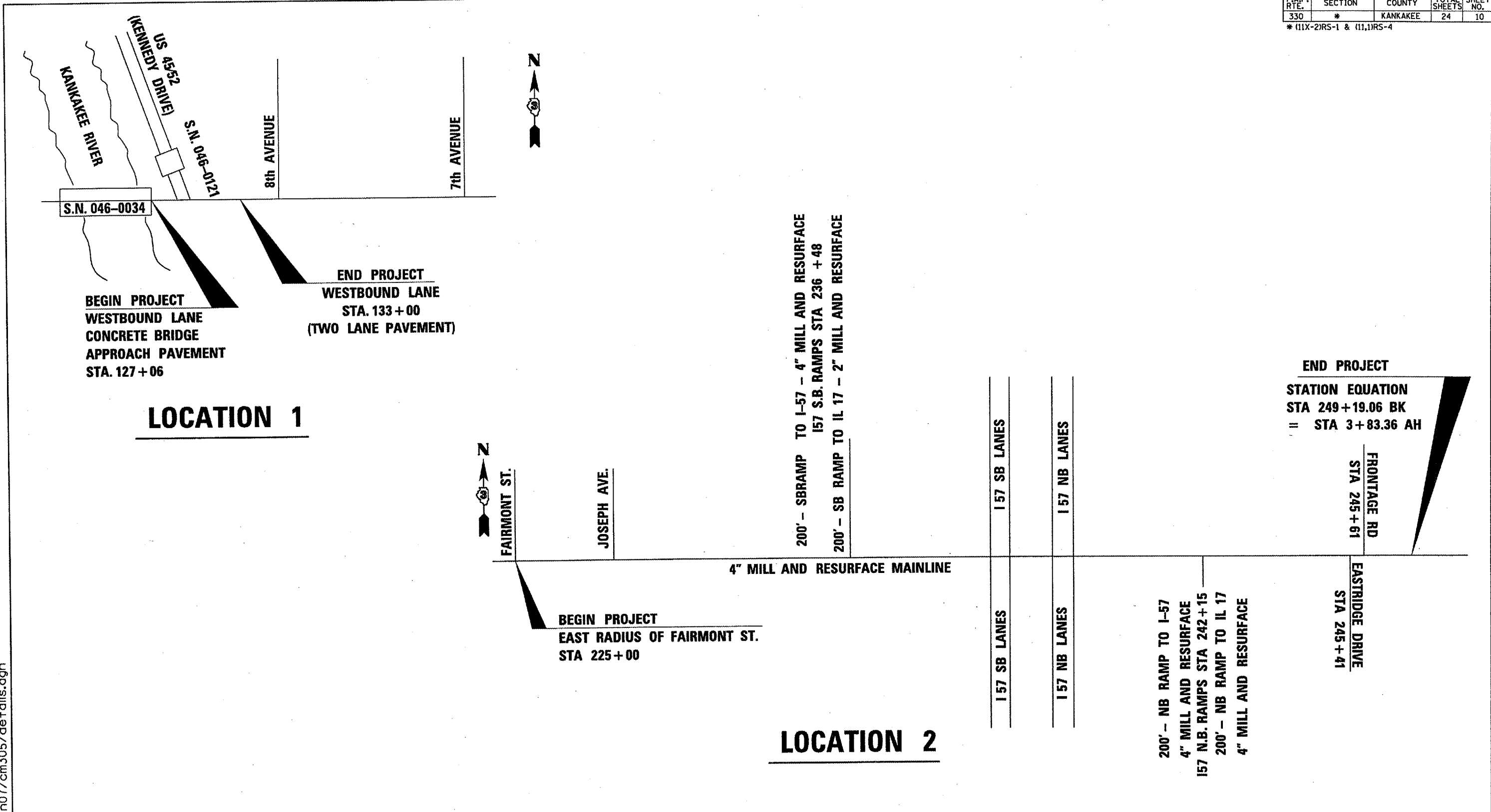
SCHEDULES

F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/main07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	10

* (11X-2)RS-1 & (11,1)RS-4



LOCATION 1

LOCATION 2

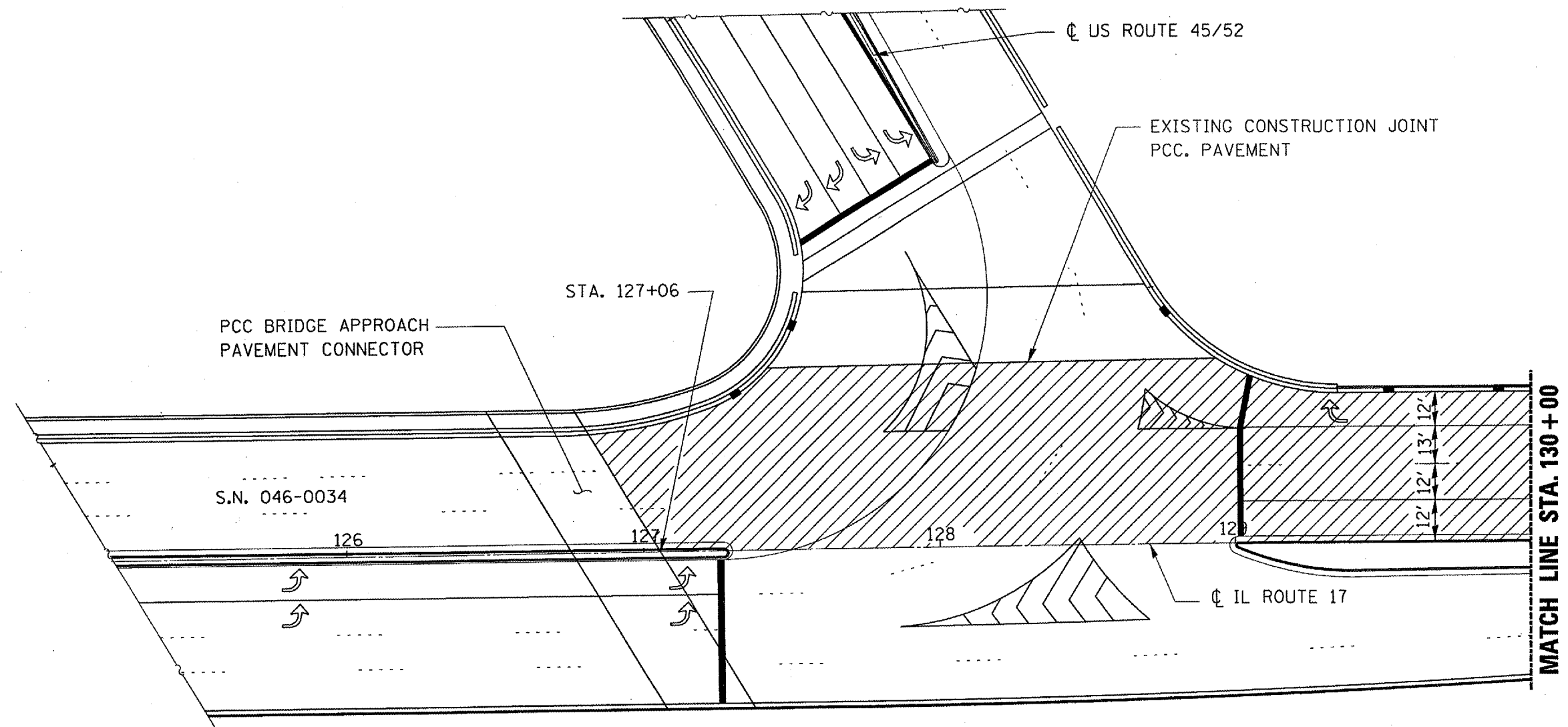
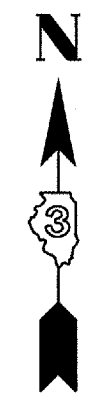
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
LOCATION MAP
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

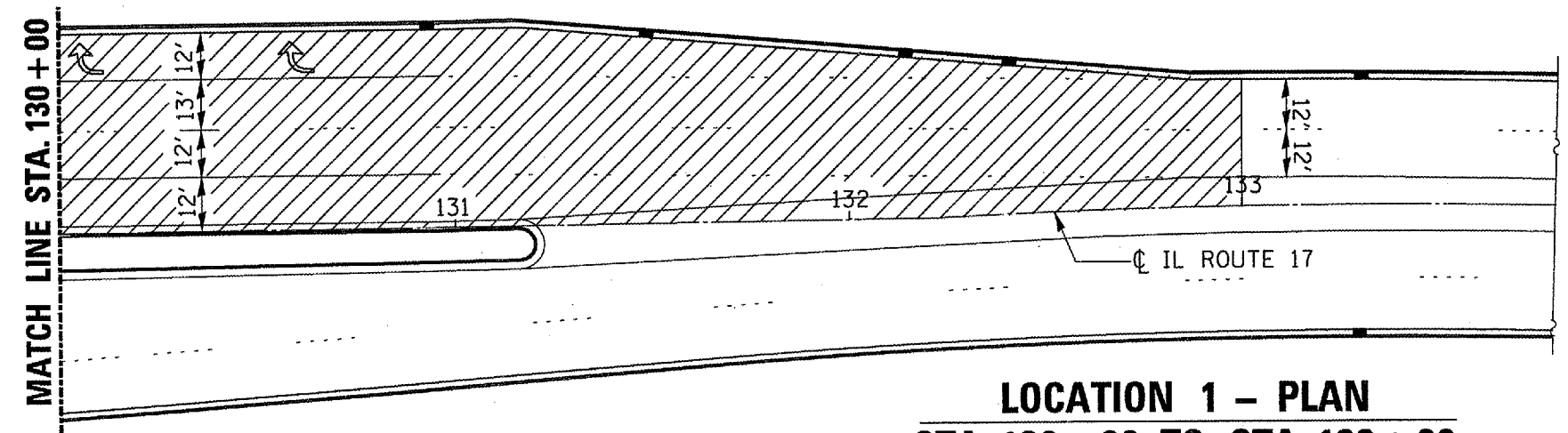
DATE: 06/27/2006
 c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	11

* (11X-2)RS-1 & (11,1)RS-4



LOCATION 1 - PLAN
STA. 127+06 TO STA. 130+00



LOCATION 1 - PLAN
STA. 130+00 TO STA. 133+00

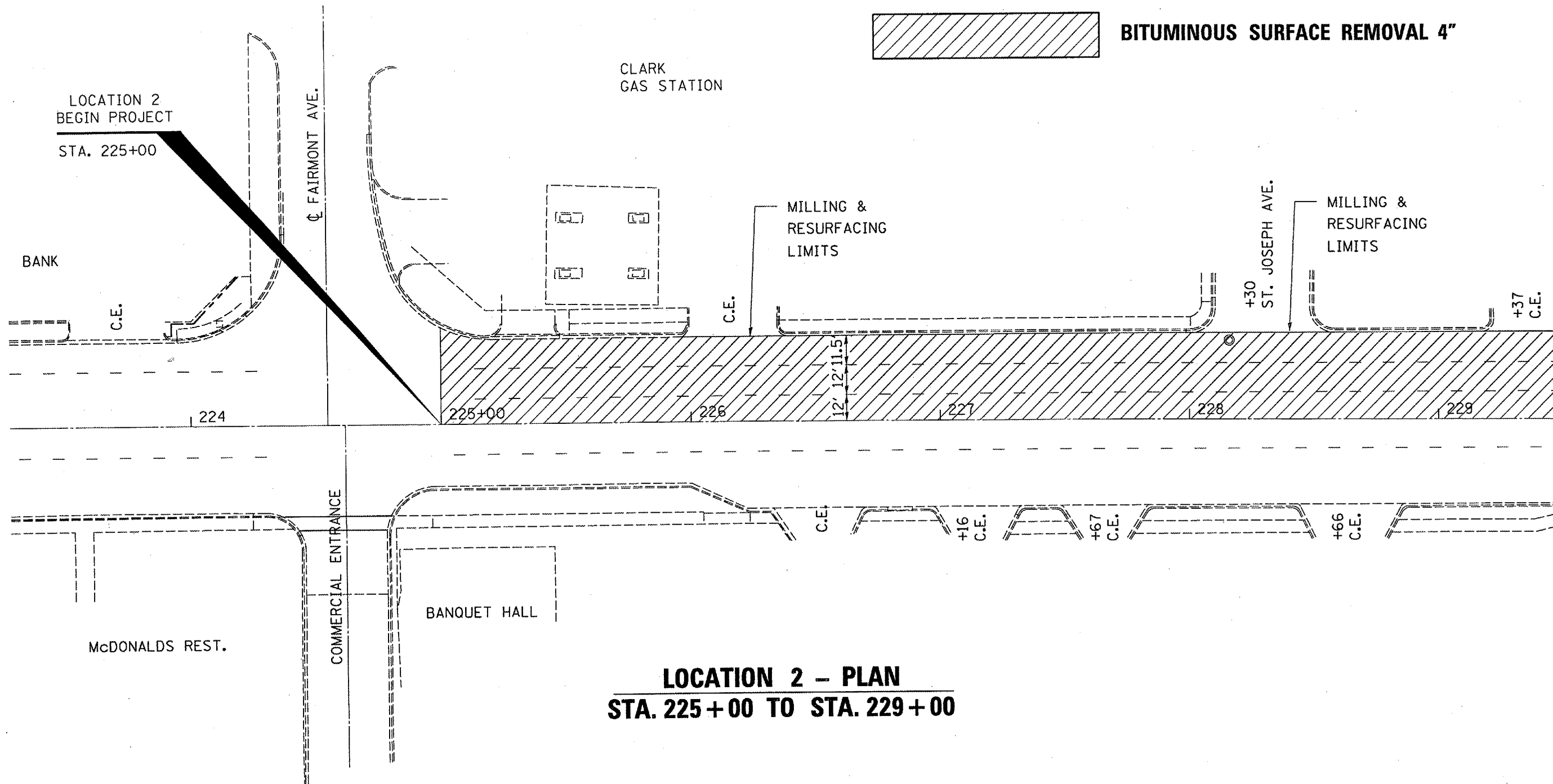
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLING LIMITS
LOCATION 1
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	12

* (11X-2)RS-1 & (11,1)RS-4



BITUMINOUS SURFACE REMOVAL 4"

CLARK GAS STATION

LOCATION 2
BEGIN PROJECT
STA. 225+00

FAIRMONT AVE.

BANK

MILLING &
RESURFACING
LIMITS

MILLING &
RESURFACING
LIMITS

+30
ST. JOSEPH AVE.

+37
C.E.



MATCH LINE STA. 229 + 50

LOCATION 2 - PLAN
STA. 225 + 00 TO STA. 229 + 00

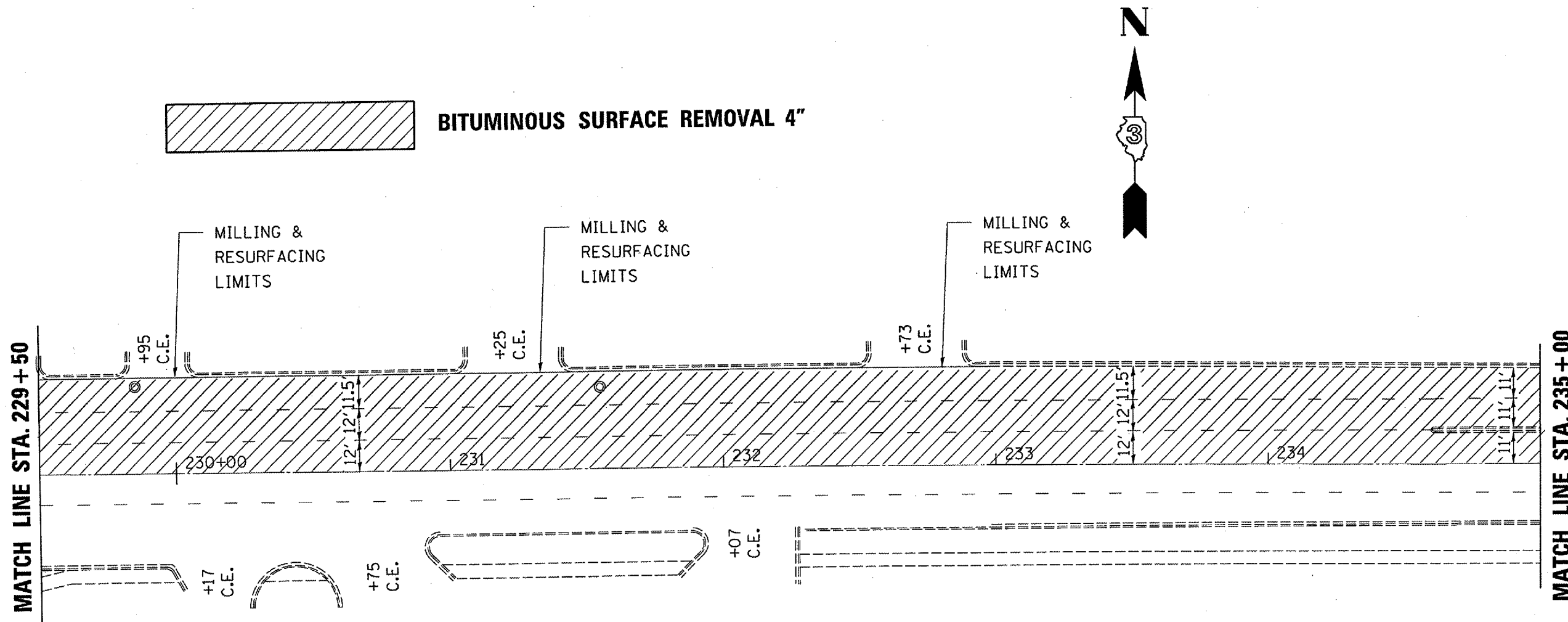
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLING LIMITS
LOCATION 2
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	13

* (11X-2)RS-1 & (11,1)RS-4



LOCATION 2 - PLAN
STA. 229+00 TO STA. 235+00

REVISIONS	
NAME	DATE

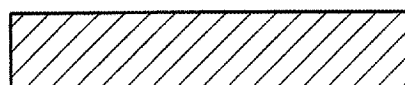
ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLING LIMITS
LOCATION 2
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

STA. 229+00 TO STA. 235+00

DATE: 06/27/2006
 c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	14

* (11X-2)RS-1 & (11,1)RS-4



BITUMINOUS SURFACE REMOVAL 4"



BITUMINOUS SURFACE REMOVAL 2"



MATCH LINE STA. 235+00

MATCH LINE STA. 241+00

MILLING & RESURFACING LIMITS

MILLING & RESURFACING LIMITS

+62.88
HAMMES AVE.

+46.11 I-57 RAMP

+53.36 I-57 RAMP

14'

14'

11.5/11.5'

236

237

238

239

240+00

S.B. I-57

N.B. I-57

LOCATION 2 - PLAN
STA. 235+00 TO STA. 241+00

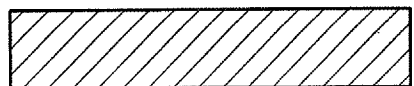
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLING LIMITS
LOCATION 2
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:\projects\cmain07\cm305\details.dgn

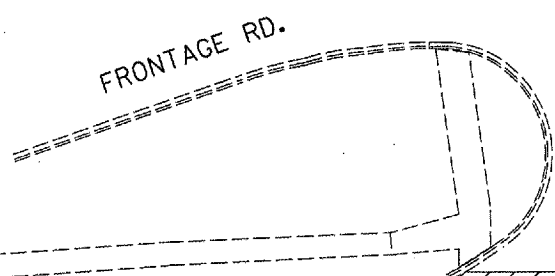
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	15

* (11X-2)RS-1 & (11,1)RS-4

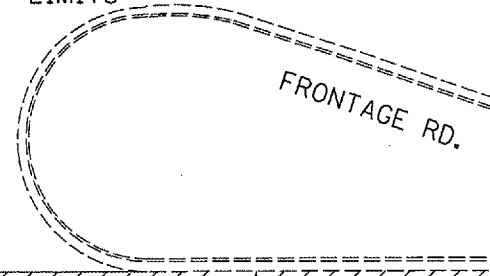


BITUMINOUS SURFACE REMOVAL 4"

K-MART PARKING LOT



MILLING & RESURFACING LIMITS



MATCH LINE STA. 241+00

MATCH LINE STA. 247+00

12' 12'

242

243

244

245+00

246

12' 12'

MILLING & RESURFACING LIMITS

+14.71 I-57 N.B. RAMPS

90°

HIGH RISE BLDG.

+40.86 EASTRIDGE DRIVE



LOCATION 2
END PROJECT
STA. 249+19.06

MATCH LINE STA. 247+00

248

249

12' 12'

4+00

LOCATION 2 - PLAN
STA. 241+00 TO STA. EQUATION
STA. 249+19.06 BK. TO STA. 3+83.36 AH

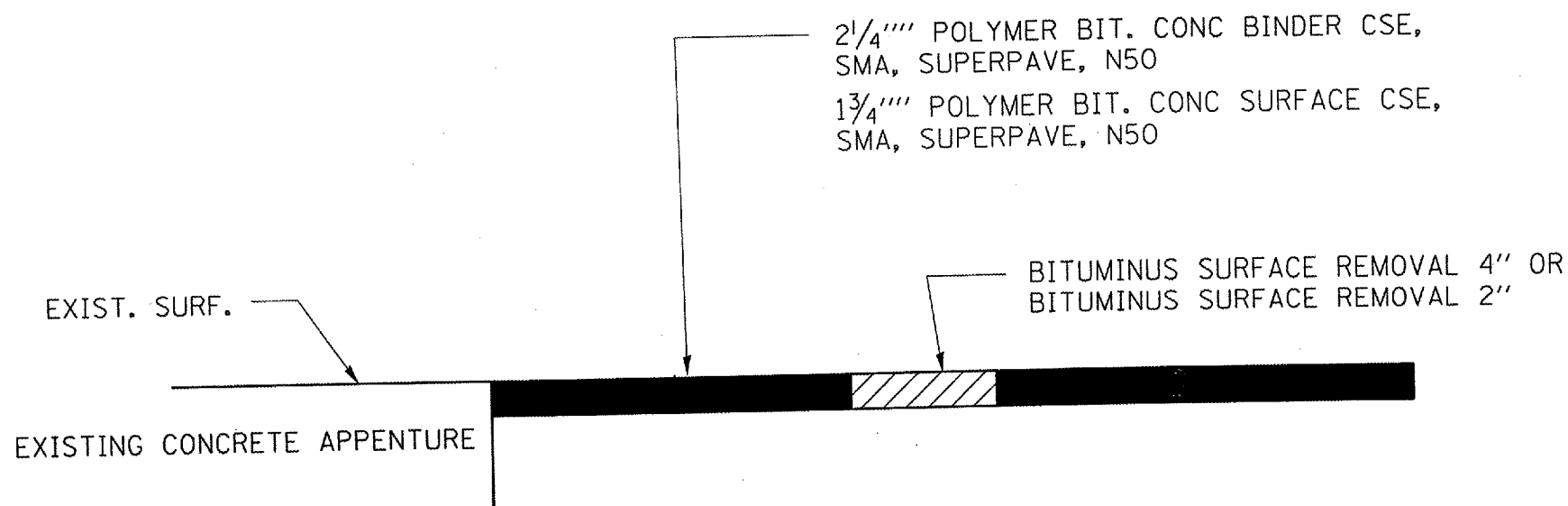
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
MILLING LIMITS
LOCATION 2
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/cmain07/cm305/details.dgn

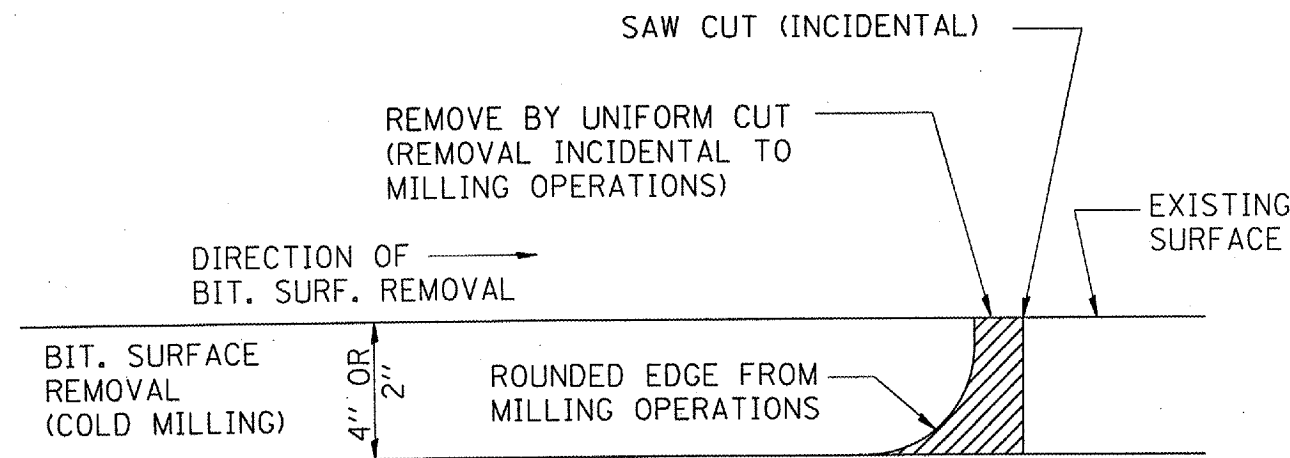
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	16

* (11X-2)RS-1 & (11,1)RS-4



TYPICAL BUTT JOINT DETAIL

ADJACENT TO EXISTING CONCRETE APPENTURE



NOTE: WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

BITUMINOUS DETAIL AT BUTT JOINTS

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
BUTT JOINT DETAILS
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

DATE: 06/27/2006
 c:/projects/cmain07/cm305/details.dgn

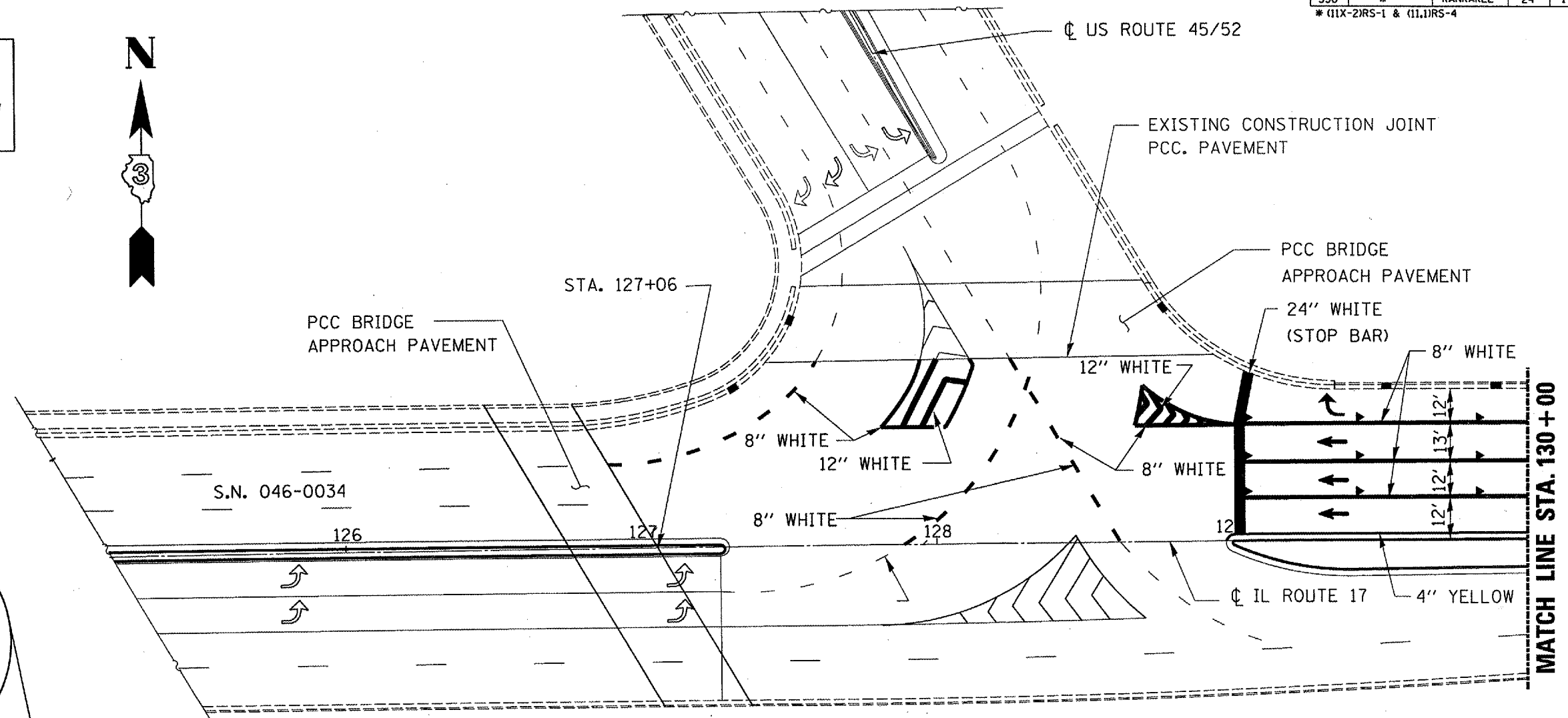
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	17

* (11X-2)RS-1 & (11,1)RS-4

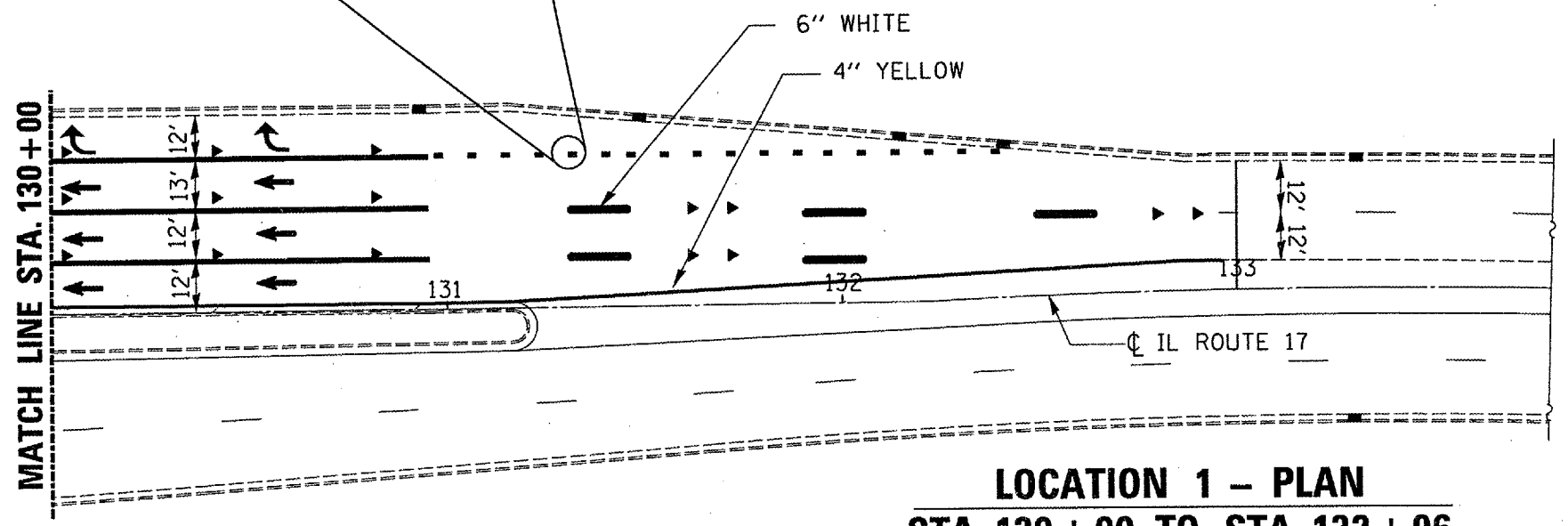
LEGEND

RAISED REFLECTIVE PAVEMENT MARKING

- ◆ RAISED PAVEMENT MARKER, DOUBLE YELLOW
- ◁ RAISED PAVEMENT MARKER, SINGLE WHITE



LOCATION 1 - PLAN
STA. 127+06 TO STA. 130+00



LOCATION 1 - PLAN
STA. 130+00 TO STA. 132+96

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

DATE: 06/27/2006
 c:/projects/cmain07/cm305/details.dgn

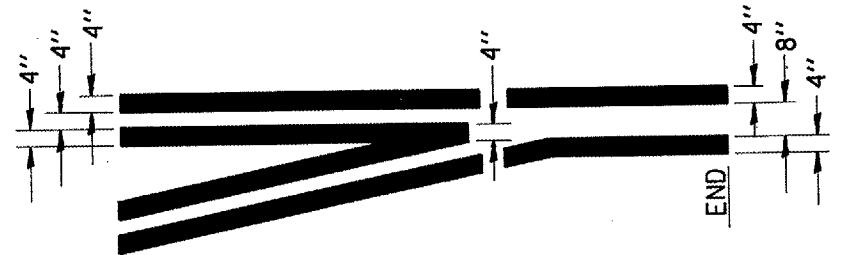
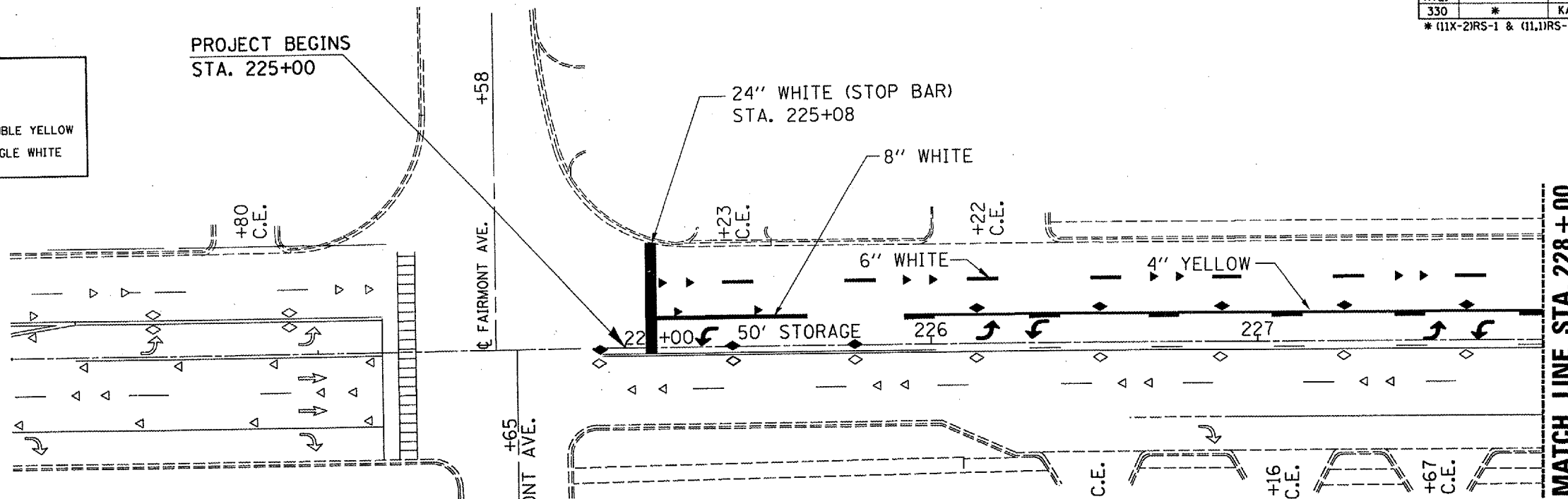
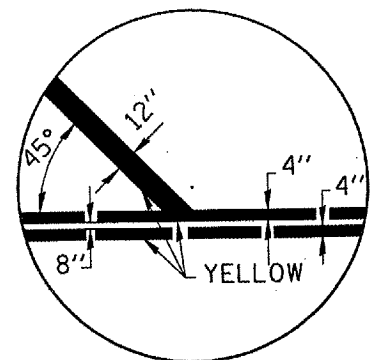
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	18

* (11X-2)RS-1 & (11,1)RS-4

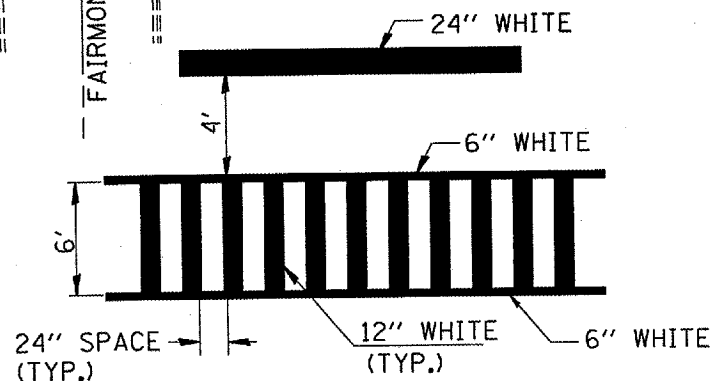
LEGEND

RAISED REFLECTIVE PAVEMENT MARKING

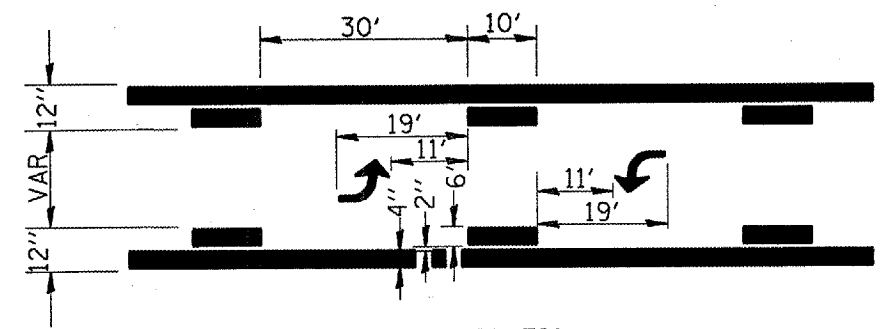
- ◆ RAISED PAVEMENT MARKER, DOUBLE YELLOW
- △ RAISED PAVEMENT MARKER, SINGLE WHITE



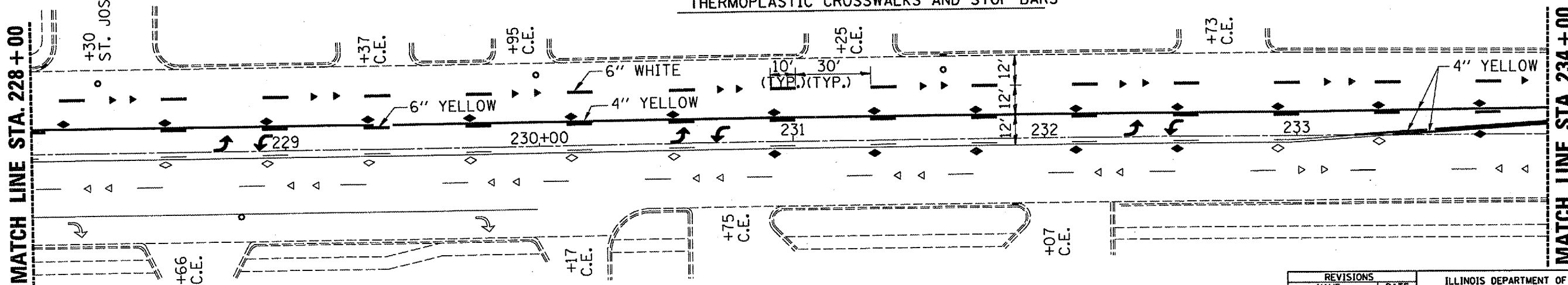
TYPICAL APPLICATION @ LEFT TURN LANES



TYPICAL SPACING DETAIL FOR THERMOPLASTIC CROSSWALKS AND STOP BARS



TYPICAL APPLICATION @ BI-DIRECTIONAL TURN LANE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

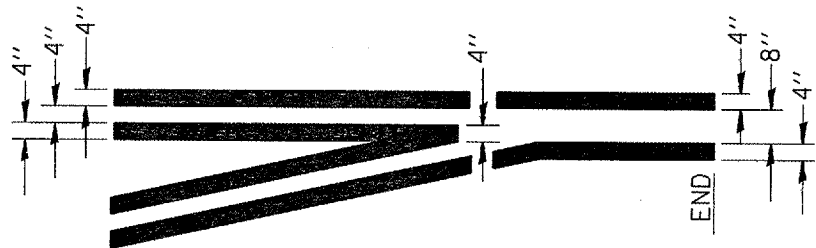
PAVEMENT MARKING

F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

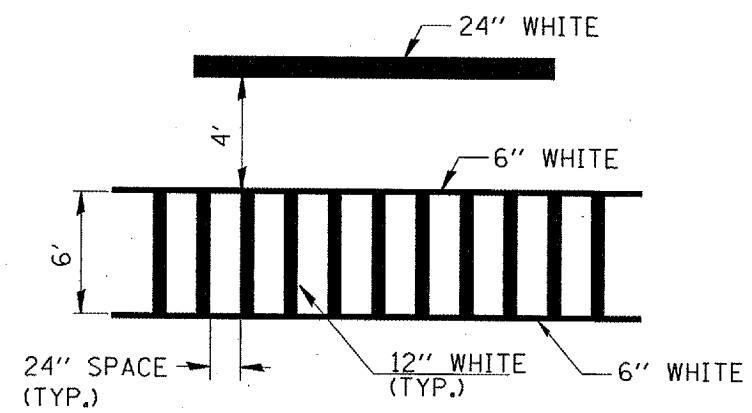
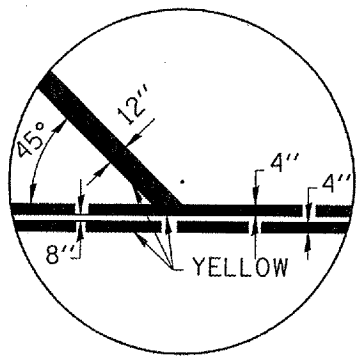
DATE: 06/27/2006
c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	19

*(11X-2)RS-1 & (11,1)RS-4



TYPICAL APPLICATION @ LEFT TURN LANES

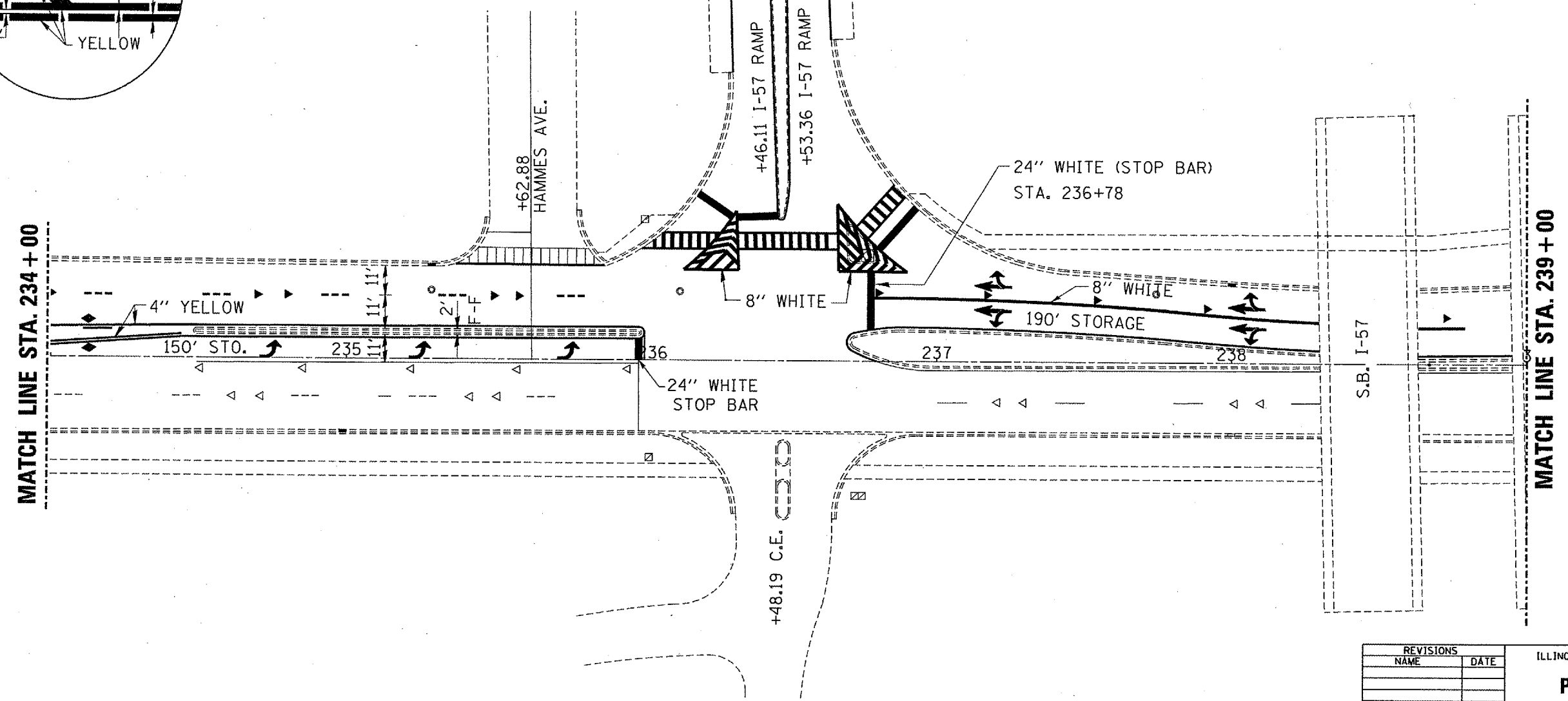


TYPICAL SPACING DETAIL FOR THERMOPLASTIC CROSSWALKS AND STOP BARS

LEGEND

RAISED REFLECTIVE PAVEMENT MARKING

- ◆ RAISED PAVEMENT MARKER, DOUBLE YELLOW
- ◁ RAISED PAVEMENT MARKER, SINGLE WHITE



REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/main07/cm305/details.dgn

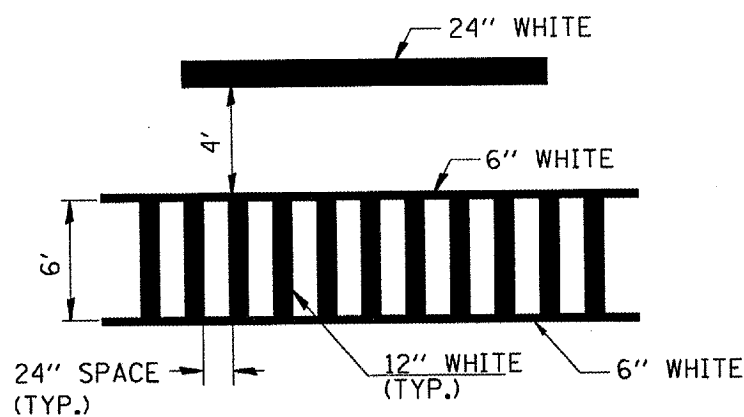
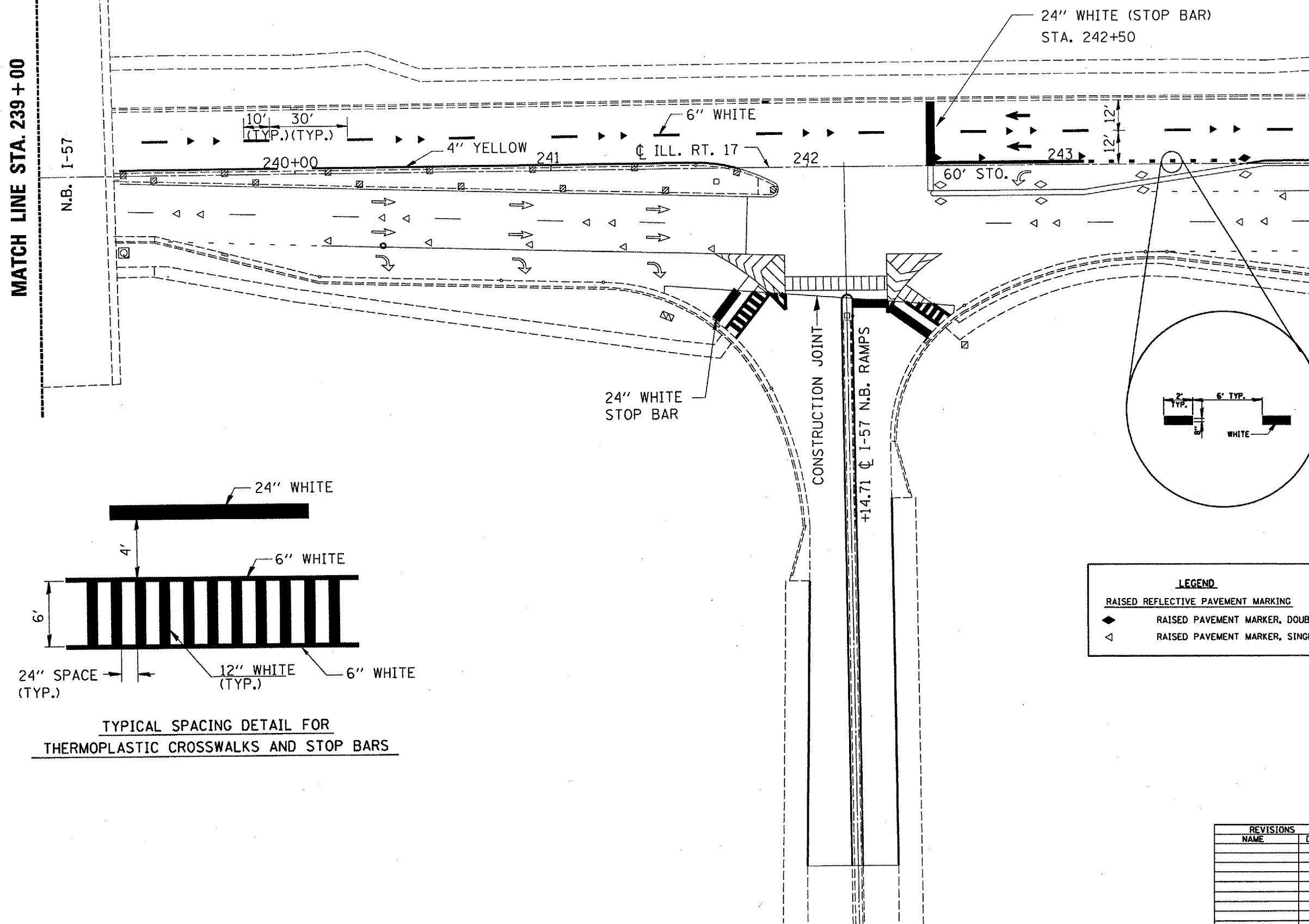
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	20

* (11X-2)RS-1 & (11,1)RS-4

MATCH LINE STA. 239+00

N.B. I-57

MATCH LINE STA. 244+00



TYPICAL SPACING DETAIL FOR THERMOPLASTIC CROSSWALKS AND STOP BARS

LEGEND

RAISED REFLECTIVE PAVEMENT MARKING

- ◆ RAISED PAVEMENT MARKER, DOUBLE YELLOW
- ◁ RAISED PAVEMENT MARKER, SINGLE WHITE

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING

F.A.P. ROUTE 330 (IL ROUTE 17)

SECTION (11X-2)RS-1 & (11,1)RS-4

KANKAKEE COUNTY

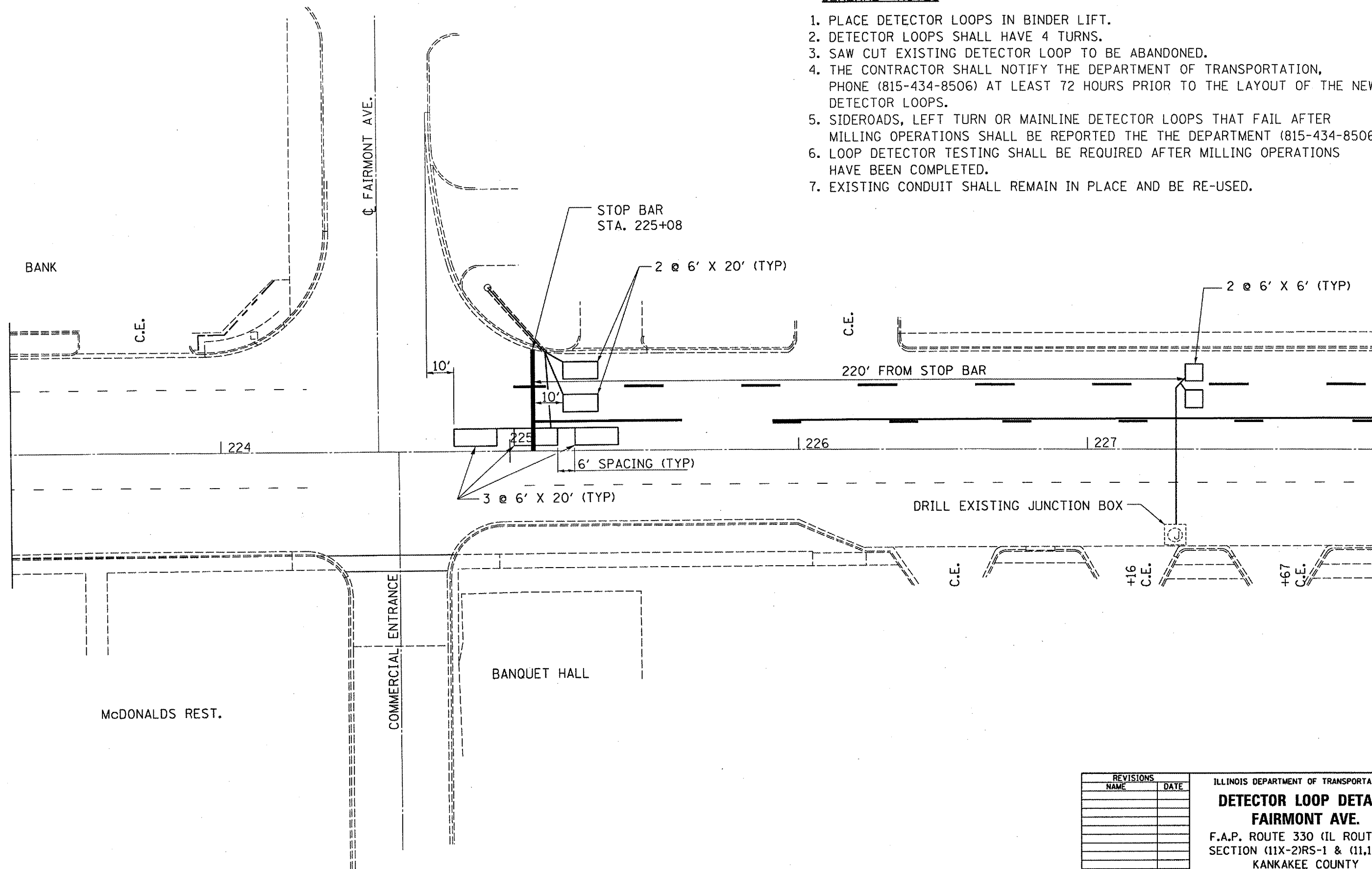
DATE: 06/27/2006
c:/projects/main07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	22

* (11X-2)RS-1 & (11,1)RS-4

GENERAL NOTES

1. PLACE DETECTOR LOOPS IN BINDER LIFT.
2. DETECTOR LOOPS SHALL HAVE 4 TURNS.
3. SAW CUT EXISTING DETECTOR LOOP TO BE ABANDONED.
4. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION, PHONE (815-434-8506) AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE NEW DETECTOR LOOPS.
5. SIDEROADS, LEFT TURN OR MAINLINE DETECTOR LOOPS THAT FAIL AFTER MILLING OPERATIONS SHALL BE REPORTED THE THE DEPARTMENT (815-434-8506)
6. LOOP DETECTOR TESTING SHALL BE REQUIRED AFTER MILLING OPERATIONS HAVE BEEN COMPLETED.
7. EXISTING CONDUIT SHALL REMAIN IN PLACE AND BE RE-USED.



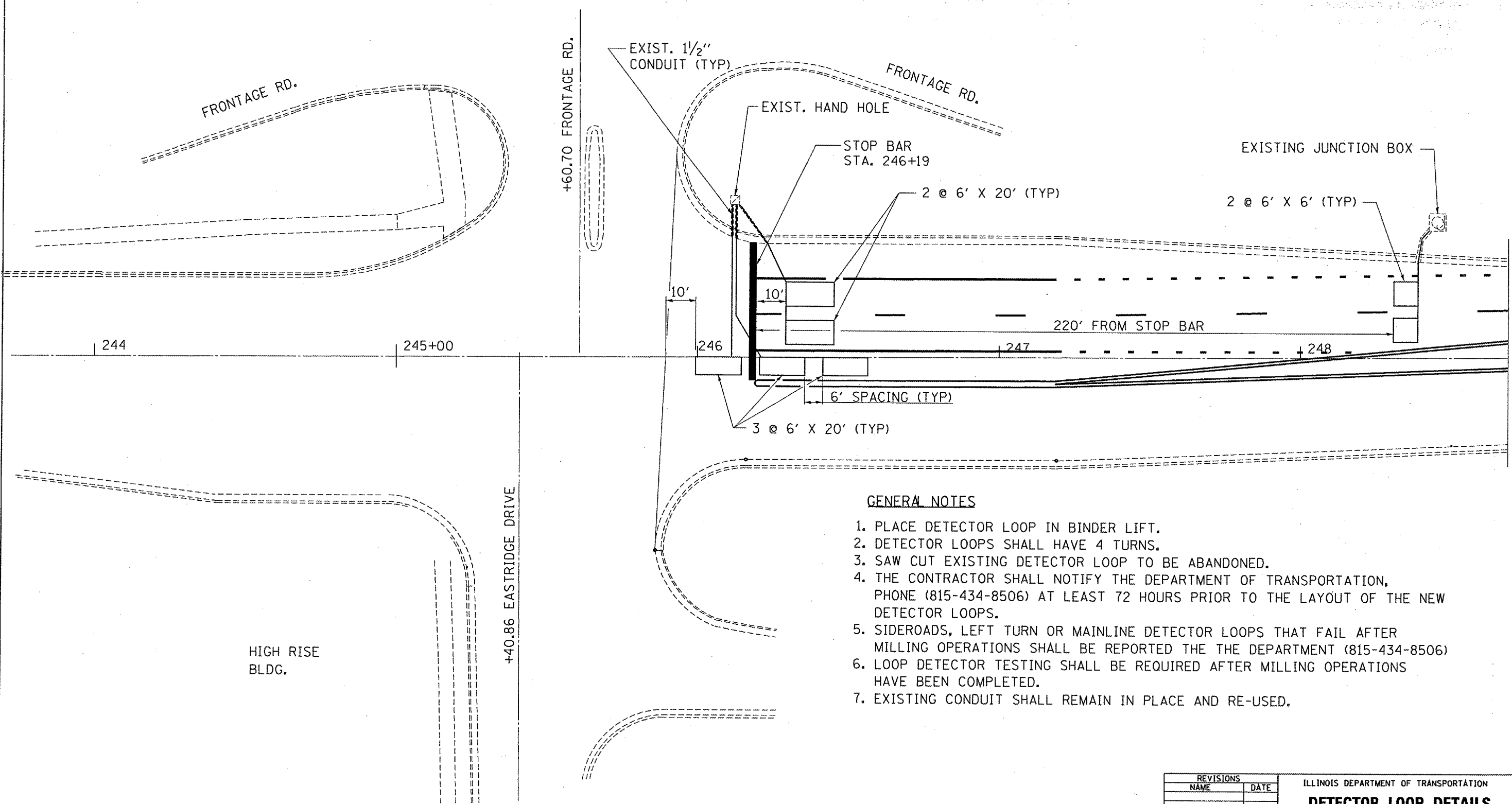
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP DETAILS
FAIRMONT AVE.
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

DATE: 06/27/2006
 c:/projects/cmain07/cm305/details.dgn

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	*	KANKAKEE	24	23

* (11X-2)RS-1 & (11,1)RS-4



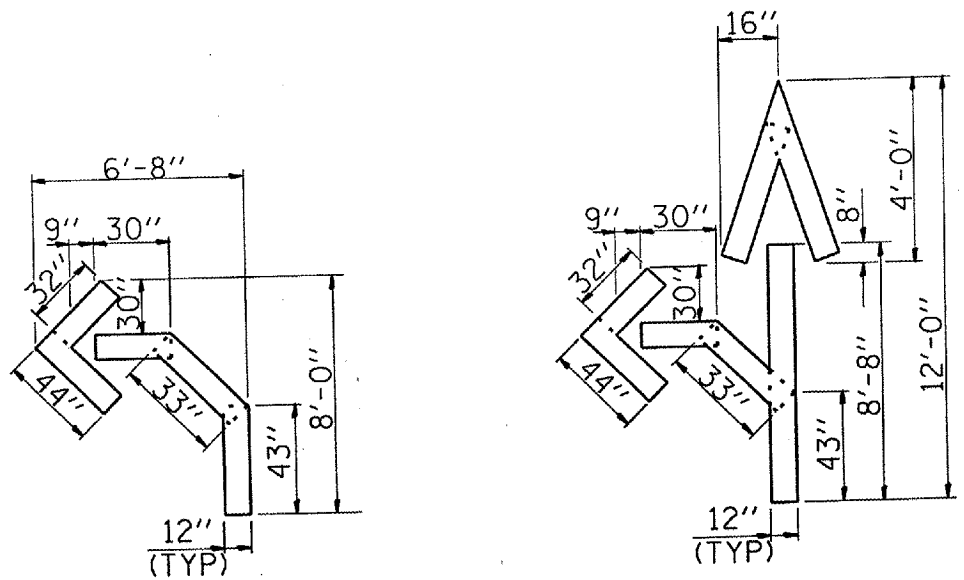
GENERAL NOTES

1. PLACE DETECTOR LOOP IN BINDER LIFT.
2. DETECTOR LOOPS SHALL HAVE 4 TURNS.
3. SAW CUT EXISTING DETECTOR LOOP TO BE ABANDONED.
4. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF TRANSPORTATION, PHONE (815-434-8506) AT LEAST 72 HOURS PRIOR TO THE LAYOUT OF THE NEW DETECTOR LOOPS.
5. SIDEROADS, LEFT TURN OR MAINLINE DETECTOR LOOPS THAT FAIL AFTER MILLING OPERATIONS SHALL BE REPORTED THE THE DEPARTMENT (815-434-8506)
6. LOOP DETECTOR TESTING SHALL BE REQUIRED AFTER MILLING OPERATIONS HAVE BEEN COMPLETED.
7. EXISTING CONDUIT SHALL REMAIN IN PLACE AND RE-USED.

REVISIONS	
NAME	DATE

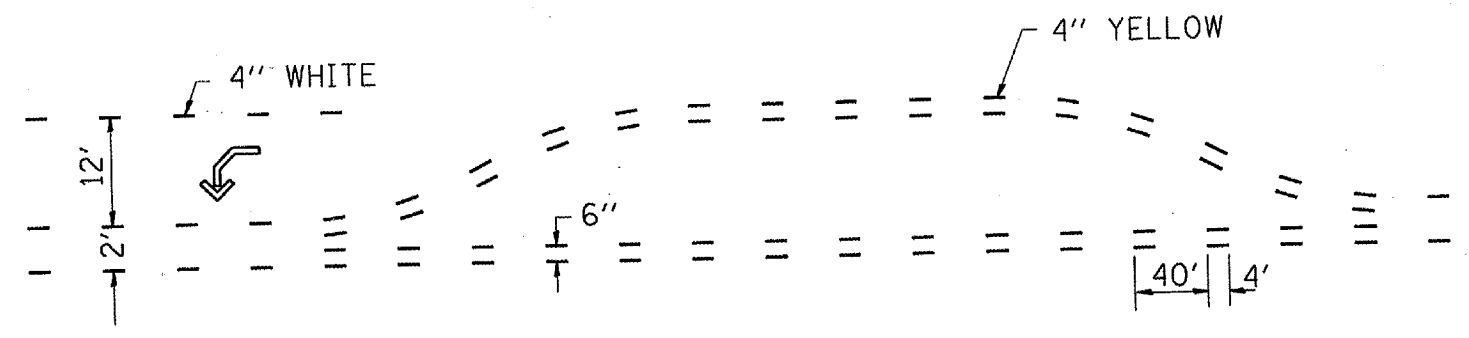
ILLINOIS DEPARTMENT OF TRANSPORTATION
DETECTOR LOOP DETAILS
EASTRIDGE DRIVE
 F.A.P. ROUTE 330 (IL ROUTE 17)
 SECTION (11X-2)RS-1 & (11,1)RS-4
 KANKAKEE COUNTY

DATE: 06/27/2006
 c:/projects/cm305/details.dgn

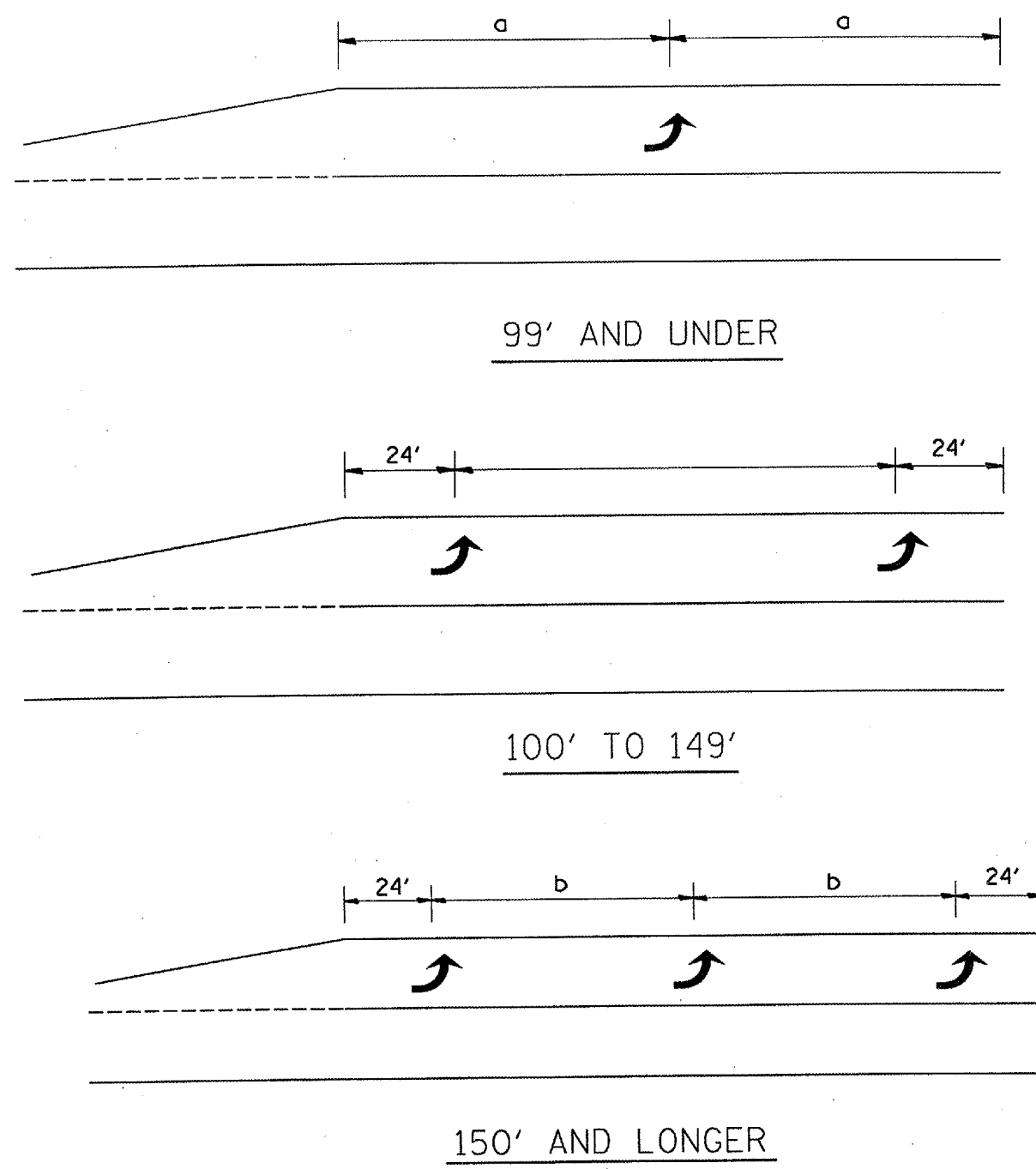


QUANTITY
12" LINE = 16 LIN. FT.
OR 4" LINE = 46 LIN. FT.

QUANTITY
12" LINE = 29 LIN. FT.
OR 4" LINE = 85 LIN. FT.



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS



TYPICAL PLACEMENT OF ARROWS IN TURN LANES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL PAVEMENT MARKING
F.A.P. ROUTE 330 (IL ROUTE 17)
SECTION (11X-2)RS-1 & (11,1)RS-4
KANKAKEE COUNTY

DATE: 06/27/2006
c:/projects/cmain07/cm305/details.dgn