

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

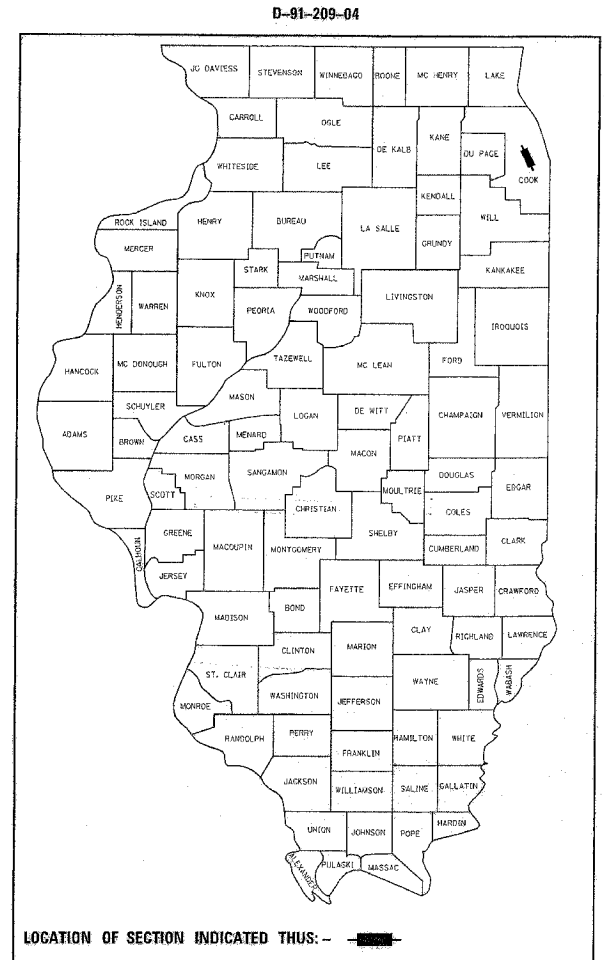
**PROPOSED
HIGHWAY PLANS**

FAI ROUTE 94 /I-94 (EDENS EXPRESSWAY)
SECTION 2005-087 CRC-PP
FROM LAKE COOK ROAD TO LAWRENCE AVE.
PATCHING
COOK COUNTY
C-91-250-06

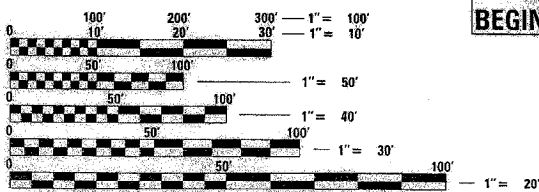
FOR INDEX OF SHEETS, SEE SHEET NO. 2

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94/I-94	**	COOK	19	1

** 2005-087CRC-PP
CONTRACT NO. 60B08



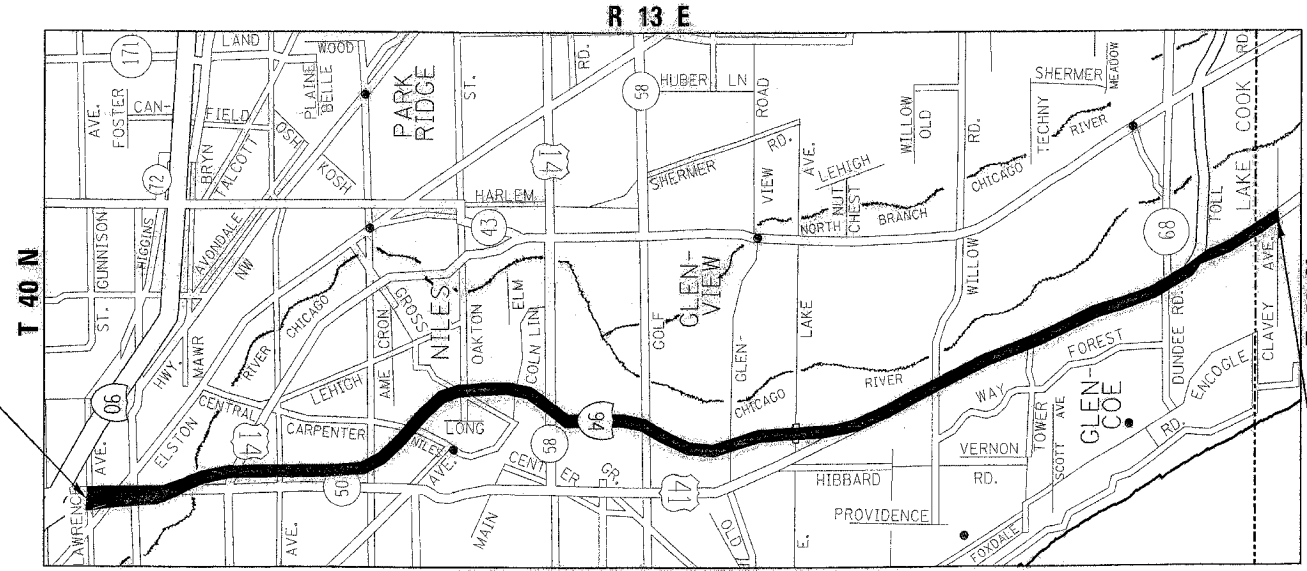
DISTRICT 1 DESIGN - PLAN PREP ENGINEER / KEN ENG / R. BORO (847) 705-4178



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

CONTRACT NO. 60B08



IMPROVEMENT BEGINS



TRAFFIC DATA:

2001 ADT = 131,400
SPEED LIMIT = 55 MPH

IMPROVEMENT ENDS

NEW TRIER & EVANSTON TOWNSHIP
&
JEFFERSON, NORWOOD PARK & WEST TOWNSHIPS

GROSS LENGTH OF IMPROVEMENT: 72,336 FEET = 13.70 MILES
NET LENGTH OF IMPROVEMENT: 72,336 FEET = 13.70 MILES
SCALE: N.T.S.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED May 3 20 06

Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 12 20 06
Mike Line
ENGINEER OF DESIGN AND ENVIRONMENT

May 12 20 06
Milton R. See, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	2005-087CRK-PP	COOK	19	2

CONTRACT NO. 60B08

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-04	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
420001-06	PAVEMENT JOINTS
421001-01	REINFORCEMENT FOR CLASS A PATCHING
442001-02	CLASS A PATCHES
701400-02	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-03	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-03	LANE CLOSURE, MULTILANE AT ENTRANCE OR EXIT RAMP
701426-02	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS
701446	MULTILANE CLOSURE, FREEWAY/EXPRESSWAY
702001-00	TRAFFIC CONTROL DEVICES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TRAFFIC CONTROL PLAN
6	TYPICAL SECTION
7-12	PATCHING SCHEDULES
13	TRAFFIC CONTROL DETAIL FOR TYPICAL EXIT AND ENTRANCE RAMPS WITH CENTER LANE CLOSURE AND SHOULDER LANE
14	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
15-16	MULTILANE FREEWAY MARKING
17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
19	TRAFFIC CONTROL FOR CENTER LANE CLOSURE SHOULDER LANE

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE PATCH LINE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- DRAINAGE ADJUSTMENT OR RECONSTRUCTION LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT MR. WALTER CZARNY, TRAFFIC FIELD ENGINEER, AT (773) 685-8386 TWO (2) WEEKS PRIOR TO PLACEMENT OF FINAL PERMANENT PAVEMENT MARKING.
- PAVEMENT PATCHING SHALL NOT DISTURB THE BASE. ANY RESTORATION OF CONTRACTOR DISTUBED BASE SHALL BE DONE AT CONTRACTOR'S EXPENSE.
- THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.
- THE ENGINEER SHALL OBTAIN APPROVAL FROM THE DISTRICT ONE BUREAU CHIEF OF MAINTENANCE FOR ANY PROPOSED REVISIONS IN THE SCHEDULED PAVEMENT PATCHING LOCATIONS.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- DOUBLE LANE MARKERS ARE TO BE USED AS SHOWN ON THE DISTRICT ONE DETAIL "TYPICAL APPLICATIONS - RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT)" SHOWN IN THE PLANS.
- USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATION FOR ALL TIE BARS USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE) DETAIL SHOWN OF HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS.

GENERAL NOTES (City of Chicago)

- BEFORE STARTING ANY EXCAVATION WITHIN THE CITY OF CHICAGO, THE CONTRACTOR SHALL CALL "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312)744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		STATE STANDARDS, INDEX OF SHEETS AND GENERAL NOTES
SCALE: VERT. _____		DRAWN BY _____
DATE 4/23/2006		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT		URBAN J000					
44200553	CLASS A PATCHES, TYPE II, 10 INCH	SQ YD	294	294					
44200557	CLASS A PATCHES, TYPE III, 10 INCH	SQ YD	32	32					
44200559	CLASS A PATCHES, TYPE IV, 10 INCH	SQ YD	560	560					
44213000	PATCHING REINFORCEMENT	SQ YD	3331	3331					
44213200	SAW CUTS	FOOT	14,702	14,702					
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3					
67100100	MOBILIZATION	L SUM	1	1					
* 78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	2540	2540					
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	240	240					
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1					
X7015000	CHANGEABLE MESSAGE SIGN	CAL MO	6	6					
Z0075325	TIE BARS, 1"	EACH	1408	1408					
X0325428	CLASS A PATCHES, TYPE II, 10 INCH (SPECIAL)	SQ YD	677	677					
X0325429	CLASS A PATCHES, TYPE III, 10 INCH (SPECIAL)	SQ YD	176	176					
X0325430	CLASS A PATCHES, TYPE IV, 10 INCH (SPECIAL)	SQ YD	1594	1594					
70103817	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	10	10					
X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	L SUM	1	1					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT							

*SPECIALTY ITEMS

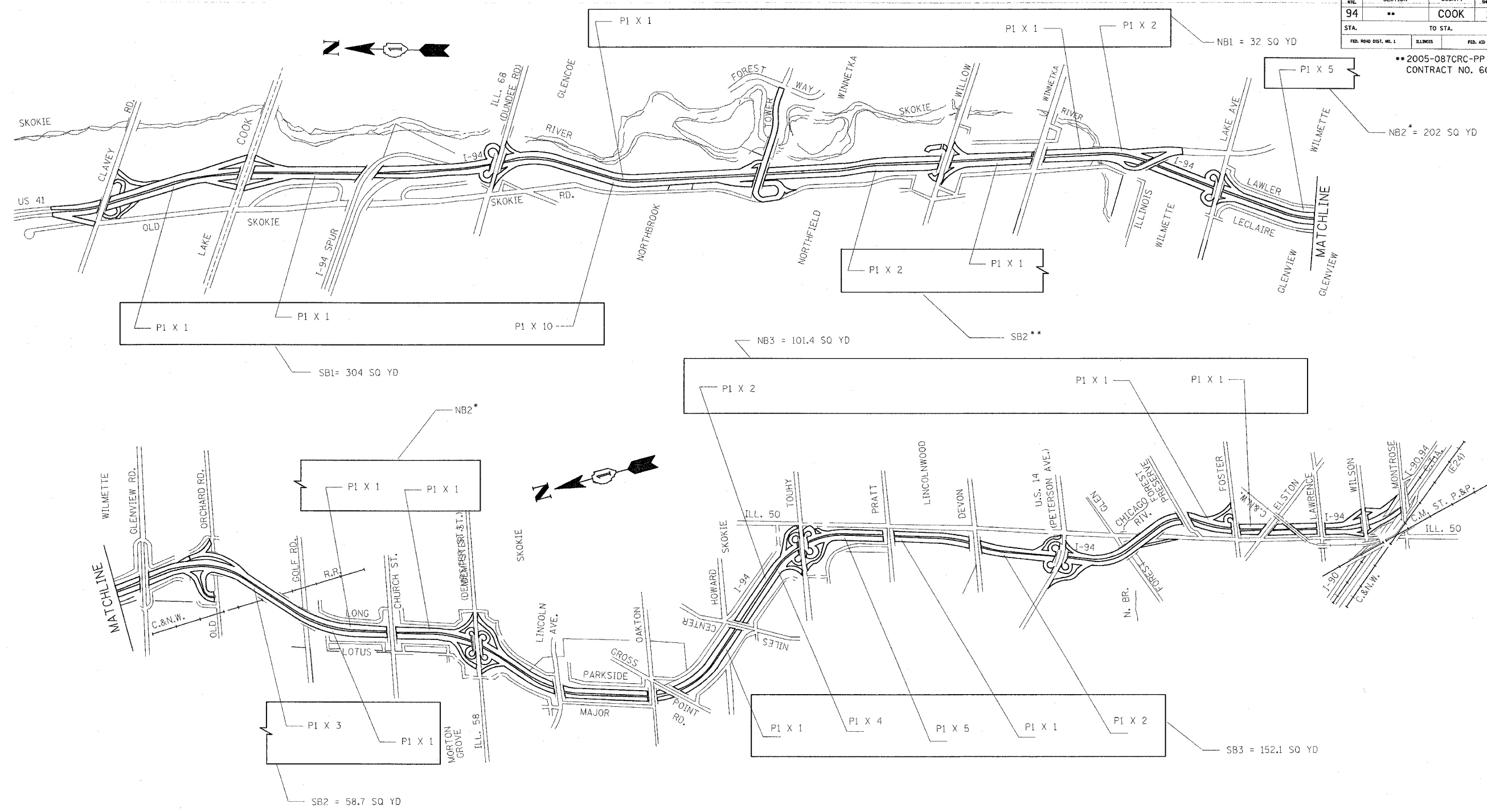
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SUMMARY OF QUANTITIES

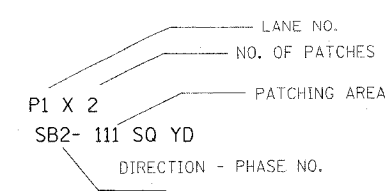
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P.A. I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	4
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

**2005-087CRC-PP
CONTRACT NO. 60B08



LEGEND



SUGGESTED STAGING:

SAWCUTTING TO BE DONE ON WEEKNIGHTS PER THE HOURS GIVEN IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC". PATCHING SHALL BE DONE PER FULL WEEKEND CLOSURE HOURS. CLOSE LANE 1 PER HWY STDS 701400 & 701401. MAXIMUM LENGTH OF ANY CLOSURE IS 4 MILES. MINIMUM GAP BETWEEN CONSECUTIVE CLOSURES IS 4 MILES. PATCHING IN NB & SB LANES MAY BE DONE SIMULTANEOUSLY.

SUGGESTED LANE CLOSURES:

- NB1 - PATCHES BETWEEN IL 68 (DUNDEE RD) AND LAKE AVE
- NB2 - PATCHES BETWEEN LAKE AVE AND IL 58 (DEMPSTER)
- NB3 - PATCHES BETWEEN FOSTER AND NILES CENTER RD
- SB1 - PATCHES BETWEEN CLAVEY AND TOWER RDS
- SB2 - PATCHES BETWEEN TOWER RD AND CHURCH ST
- SB3 - PATCHES BETWEEN OAKTON AND US 14 (PETERSON)

REVISIONS	
NAME	DATE
A.A.	5-18-06

ILLINOIS DEPARTMENT OF TRANSPORTATION

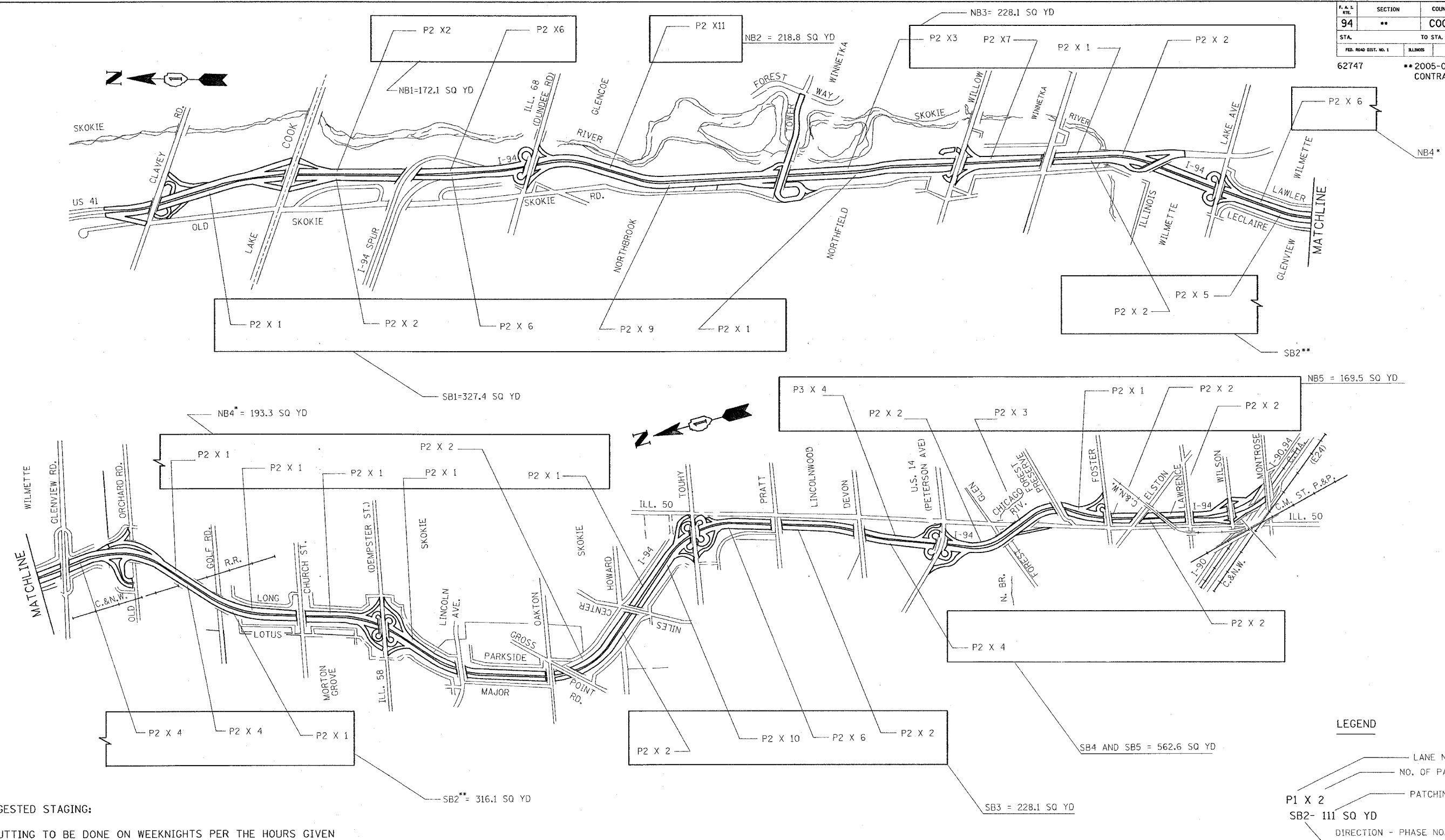
INTERSTATE 94 (EDENS EXPRESSWAY)
FROM LAWRENCE AVE. TO LAKE-COOK ROAD
TRAFFIC CONTROL PLAN
STAGE I - LANE 1

SCALE: NONE
DATE: 5/22/2006

DRAWN BY C.A.D.D.
CHECKED BY

5/22/2006
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F. A. L. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	5
STA.	TO STA.			
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
62747		** 2005-087CRC-PP CONTRACT NO. 60808		



LEGEND

- LANE NO.
- NO. OF PATCHES
- PATCHING AREA
- P1 X 2
- SB2- 111 SQ YD
- DIRECTION - PHASE NO.

SUGGESTED STAGING:

SAW CUTTING TO BE DONE ON WEEKNIGHTS PER THE HOURS GIVEN IN THE SPECIAL PROVISION "KEEPING THE EXPRESSWAY OPEN TO TRAFFIC". PATCHING SHALL BE DONE PER THE RESTRICTED WEEKEND CLOSURE HOURS CLOSE LANE 1 PER HWY STDS 701400 & 701401 AND CLOSE LANE 1 & 2 PER HWY STDS 701400 & 701446 MAXIMUM LENGTH OF ANY CLOSURE IS 4 MILES. MINIMUM GAP BETWEEN CONSECUTIVE CLOSURES IS 4 MILES. PATCHING IN NB & SB LANES MAY BE DONE SIMULTANEOUSLY. CURING OF LANE 2 PATCHES MAY USE CENTER LANE CLOSURE DETAIL ON DISTRICT DETAIL TC-25 PER FULL WEEKEND CLOSURE HOURS.

SUGGESTED SB LANE CLOSURES:

SB1 - PATCHES BETWEEN CLAYEY RD AND WILLOW RD.
 SB2 - PATCHES BETWEEN WILLOW RD. AND CHURCH ST.
 SB3 - PATCHES BETWEEN GROSS POINT RD. AND DEVON AVE.
 SB4 AND SB5 - DIVIDE UP PATCHES IN HALF BETWEEN DEVON AND LAWRENCE AVE.

SUGGESTED NB LANE CLOSURES:

NB1 - PATCHES BETWEEN LAKE COOK & IL 68 (DUNDEE RD)
 NB2 - PATCHES BETWEEN IL 68 (DUNDEE RD) & TOWER RD
 NB3 - PATCHES BETWEEN TOWER RD AND LAKE AVE
 NB4 - PATCHES BETWEEN LAKE AVE AND TOUHY AVE
 NB5 - PATCHES BETWEEN DEVON AND LAWRENCE

REVISIONS	
NAME	DATE
A.A	5-18-06

ILLINOIS DEPARTMENT OF TRANSPORTATION
 INTERSTATE 94 (EDENS EXPRESSWAY)
 FROM LAWRENCE AVE. TO LAKE-COOK ROAD
 TRAFFIC CONTROL PLAN
 STAGE II - LANES 2

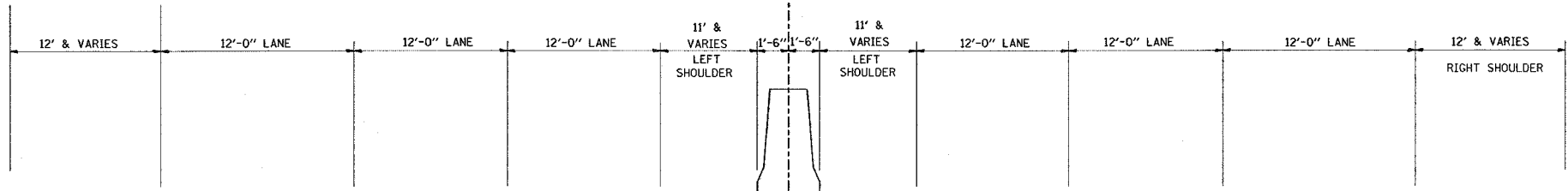
SCALE: NONE
 DATE: 5/22/2006
 DRAWN BY: C.A.D.D.
 CHECKED BY:

5/22/2006
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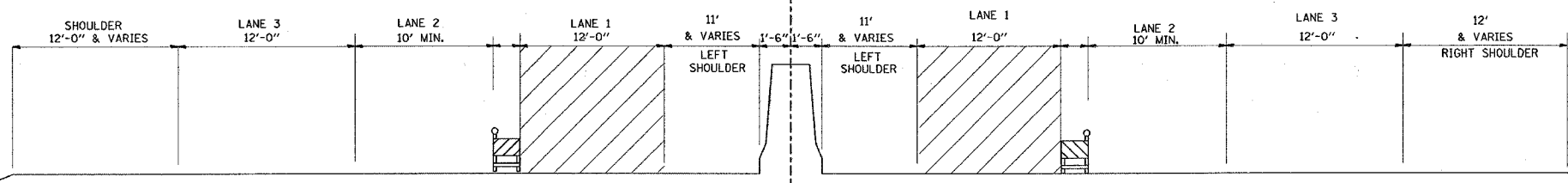
SUGGESTED STAGES OF CONSTRUCTION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	6
STA.		TO STA.		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

** 2005-087CRC-PP
CONTRACT NO. 60808



EXISTING ROADWAY



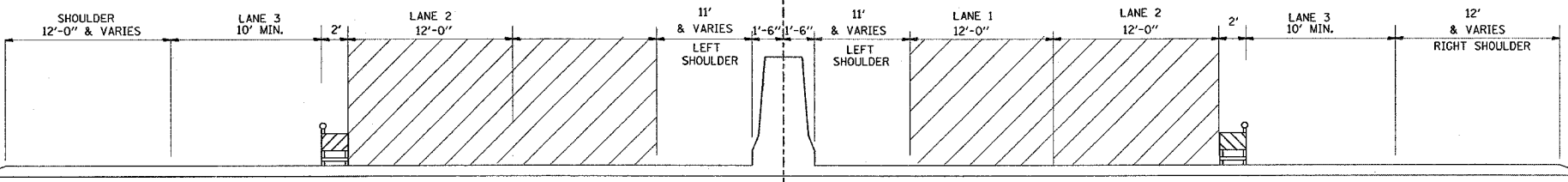
SOUTH BOUND

NORTH BOUND

STAGE I

PP3 OR PP5 CONCRETE- FULL WEEKEND CLOSURES

INDICATES WORK AREA



SOUTH BOUND

NORTH BOUND

STAGE II

PP5 CONCRETE- RESTRICTED WEEKEND CLOSURES

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TYPICAL CROSS SECTIONS
FOR TRAFFIC CONTROL DETAILS
I-94
LAWRENCE AVE. TO LAKE-COOK RD.

SCALE: NONE
DATE 5/22/2006
DRAWN BY
CHECKED BY

5/22/2006
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	7
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		** 2005-087CRC-PP		
		CONTRACT NO. 60B08		

STA	MILE MARKER	LN	LENGTH (FT.)	AREA (YD)	TYPE
419+10	Wilson Ave.				
431+64	Lawrence Ave.				
80+41N / 434+26S STA EQUATION					
77+23		2	40	53.3	IV
77+23	Chicago & Northwestern RR				
67+00	42/68	2	7	9.3	II
66+47	Elston Ave.				
65+75	42/62	2	6	8.0	II
60+00	42/54	1	20	26.7	IV
60+00	42/54	2	6	8.0	II
56+41	Foster Ave.				
55+30	42/46	1	20	26.7	IV
55+30	42/46	2	20	26.7	IV
45+87	Forest Preserve Overpass				
29+14	Cicero Ave.				
29+04	41/97	2	6	8.0	II
23+63	Chicago River North Branch				
22+75	41/85	2	6	8.0	II
22+50	41/85	2	6	8.0	II
19+29	Forest Glen				
18+70	41/77	2	6	8.0	II

STA	MILE MARKER	LN	LENGTH (FT.)	AREA (YD)	TYPE
16+80	41/73	2	6	8.0	II
0+00N / 0+00S STA EQUATION					
1+75	Peterson Ave.				
5+75	41/32	2	6	8.0	II
7+20	41/28	2	6	8.0	II
11+50	41/30	2	6	8.0	II
27+45	Devon Ave.				
54+30	Pratt Ave.				
80+75	Touhy Ave.				
94+40	39/59	2	6	8.0	II
95+00	39/59	1	12	16.0	III
96+80	39/54	1	50	66.7	IV
114+92	Niles Center Rd.				
115+30	39/22	2	30	40.0	IV
120+60	39/11	2	6	8.0	II
149+24	Gross Point Rd.				
155+24	Oakton Ave.				
184+12	Lincoln Ave.				
189+30	37/81	2	6	8.0	II
211+99	Dempster St.				
217+50	37/27	1	6	8.0	II
219+50	37/23	2	6	8.0	II
238+65	Church St.				
264+00	36/39	2	8	10.7	II

STA	MILE MARKER	LN	LENGTH (FT.)	AREA (YD)	TYPE
264+00	36/39	1	8	10.7	II
265+65	Golf Rd.				
284+90	LP JC10	2	6	8.0	II
296+23	Old Orchard				
318+71	Glenview Rd.				
320+85	35/28	1	60	80.0	IV
324+40	35/24	1	60	80.0	IV
324+40	35/24	2	6	8.0	II
325+40	35/24	1	6	8.0	II
326+60	LP KIC8	2	6	8.0	II
327+50	LP KC8	1	6	8.0	II
327+50	LP KC8	2	6	8.0	II
328+00	LP KC8	2	30	40.0	IV
329+60	35/16	1	6	8.0	II
329+80	35/16	2	6	8.0	II
332+50	35/10	2	25	33.3	IV
359+37	Lake Ave.				
378+90	Skokie Blvd. / Illinois Rd.				
391+85	LP MB3	2	6	8.0	II
392+40	32/84	1	6	8.0	II
393+00	33/89	2	6	8.0	II
393+30	33/89	1	6	8.0	II

*** ALL PATCHING WIDTH ARE 12 FT

PLOT DATE = 5/22/2006
 PLOT SCALE = 50,0000 / IN.
 USER NAME = ebbava

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PATCHING SCHEDULE (NB)
 I-94
 LAWRENCE AVE TO LAKE-COOK RD.
 SCALE: VERT. 1"=50'
 HORIZ. DATE 5/22/2006
 DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	8

STA.	TO STA.

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
 ** 2005-087CRC-PP
 CONTRACT NO. 60808

STA	MILE MARKER	LN	LENGTH (FT.)	AREA (YD)	TYPE
394+08	Skokie River North Branch				
394+90	33/89	2	6	8.0	II
398+70	33/73	1	6	8.0	II
414+80	Winnetka Rd.				
425+80	33/31	2	12	16.0	III
426+20	33/30	2	20	26.7	IV
426+60	33/29	2	12	16.0	III
427+55	33/27	2	6	8.0	II
428+50	33/25	2	20	26.7	IV
428+90	33/24	2	20	26.7	IV
429+50	33/23	2	12	16.0	III
444+54	Willow Rd.				
462+50	32/62	2	30	40.0	IV
463+90	32/60	2	15	20.0	III
500+10	31/90	2	6	8.0	II
504+63	Tower Rd.				
505+75	31/84	2	50	66.7	IV
508+00	31/70	2	6	8.0	II
538+25	31/19	2	8	10.7	II
539+50	31/17	2	6	8.0	II
540+00	31/16	2	6	8.0	II
540+50	31/15	2	6	8.0	II
540+75	31/15	2	6	8.0	II
542+60	31/76	2	20	26.7	IV

STA	MILE MARKER	LN	LENGTH (FT.)	AREA (YD)	TYPE
572+70		2	20	26.7	IV
573+20	30/56	2	30	40.0	IV
575+10		1	6	8.0	II
589+91	Dundee Rd.				
590+20	30/56	2	8	10.7	II
590+75	30/24	2	8	10.7	II
591+00	30/24	2	6	8.0	II
592+00	30/22	2	6	8.0	II
602+10		2	15	20.0	III
618+50		2	6	8.0	II
622+70	Tollway Spur				
623+00		2	60	80.0	IV
626+80		2	20	26.7	IV
650+62	Lake-Cook Rd.				

*** ALL PATCHING WIDTH ARE 12 FT

PLOT DATE = 5/22/2006
 PLOT SCALE = 50'000 / IN.
 USER NAME = abbbbs

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 PATCHING SCHEDULE (NB)
 I-94
 LAWRENCE AVE TO LAKE-COOK RD.
 VERT. SCALE: 1"=50'
 HORIZ. SCALE: 1"=50'
 DATE 5/22/2006
 DRAWN BY
 CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	9
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

** 2005-087CRC-PP
CONTRACT NO. 60808

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
652+50	LP SD5	2	30	40.0	IV
652+10	LP SD5	1	30	40.0	IV
650+62	Lake-Cook Rd.				
647+50	LP SB14	2	6	8.0	II
623+50	LP SB8	1	30	40.0	IV
623+50	LP SB8	2	30	40.0	IV
622+70	Tollway Spur				
617+50	LP SB10	2	6	8.0	II
615+00	LP RB 12	2	6	8.0	II
615+00	LP RB12	2	6	8.0	II
614+40	LP RB12	2	6	8.0	II
612+60	LP RA11	2	8	10.7	II
592+25	30/22	2	20	26.7	IV
589+91	Dundee Rd.				
573+70	30/52	1	8	10.7	II
573+70	30/52	2	12	16.0	III
571+50	30/46	1	50	66.7	IV
571+50	30/46	2	30	40.0	IV
566+50	30/64	1	8	10.7	II

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
565+40	30/69	2	6	8.0	II
564+70	30/69	2	6	8.0	II
563+00	30/69	1	6	8.0	II
563+00	30/69	2	6	8.0	II
548+30	31/00	1	6	8.0	II
547+50	31/05	1	12	16.0	III
546+50	31/05	1	6	8.0	II
545+50	31/05	2	6	8.0	II
545+00	31/10	1	6	8.0	II
541+70	31/14	1	60	80.0	IV
541+70	31/14	2	50	66.7	IV
524+50	31/54	1	6	8.0	II
524+50	31/54	2	6	8.0	II
504+63	Tower Rd.				
452+50	32/81	1	6	8.0	II
446+00	32/94	1	6	8.0	II
446+00	32/94	2	6	8.0	II
444+54	Willow Rd.				
415+50	33/53	1	6	8.0	II

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
414+80	Winnetka Rd.				
408+70	33/62	2	6	8.0	II
403+00	33/76	2	6	8.0	II
394+08	Skokie River North Branch				
378+90	Skokie Blvd. / Illinois Rd.				
359+37	Lake Ave.				
347+75	34/79	2	12	16.0	III
340+20	34/92	2	6	8.0	II
331+85	35/11	2	125	166.7	IV
329+80	35/15	2	8	10.7	II
327+40	35/20	2	6	8.0	II
318+71	Glenview Rd.				
316+80	35/39	2	12	16.0	III
316+65	35/39	2	10	13.3	II
309+80	35/52	2	6	8.0	II
297+00	35/77	2	6	8.0	II
296+23	Old Orchard				
290+60	35/90	1	6	8.0	II
289+00	35/94	1	6	8.0	II
289+00	35/94	2	6	8.0	II
283+25	36/02	1	6	8.0	II
283+25	36/02	2	6	8.0	II

*** ALL PATCHING WIDTH ARE 12 FT

PLOT DATE = 5/22/2006
FILE NAME = c:\projects\02250808\sh_rdy.dgn
USER NAME = abbas

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE (SB)
I-94
LAWRENCE AVE TO LAKE-COOK RD.

SCALE: VERT. 1"=50'
HORIZ. DATE 5/22/2006

DRAWN BY
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	10
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**2005-087CRC-PP
CONTRACT NO. 60B08

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
277+05	Simpson Ave. / RR				
272+20	36/25	2	6	8.0	II
269+30	36/32	2	8	10.7	II
265+65	Golf Rd.				
263+50	36/41	1	8	10.7	II
263+50	36/41	2	8	10.7	II
238+65	Church St.				
211+99	Dempster St.				
184+12	Lincoln Ave.				
155+24	Oakton Ave.				
149+25	Gross Point Rd.				
125+50	39/01	1	20	26.7	IV
125+50	39/01	2	20	26.7	IV
123+00	39/06	2	6	8.0	II
114+92	Niles Center Rd.				
114+00	39/23	1	20	26.7	IV
114+00	39/23	2	20	26.7	IV
113+40	39/26	2	20	26.7	IV
111+40	39/28	2	15	20.0	III
110+70	39/28	2	10	13.3	II

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
109+75	39/33	2	6	8.0	II
109+50	39/33	2	6	8.0	II
102+50	39/45	2	6	8.0	II
99+25	39/33	1	6	8.0	II
99+25	39/33	2	6	8.0	II
97+50	39/58	1	6	8.0	II
97+50	39/58	2	6	8.0	II
86+44	39/75	1	6	8.0	II
83+65	39/80	2	6	8.0	II
80+75	Touhy Ave.				
80+00	39/90	2	6	8.0	II
79+50	39/91	2	8	10.7	II
79+50	39/91	1	8	10.7	II
74+00	39/98	2	6	8.0	II
63+50	40/21	1	8	10.7	II
63+50	40/21	2	8	10.7	II
61+50	40/23	1	6	8.0	II
58+50	LP DC4	1	10	13.3	II

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
58+50	LP DC4	2	10	13.3	II
56+00	40/35	1	6	8.0	II
56+00	40/35	2	6	8.0	II
54+30	Pratt Ave.				
49+00	40/48	2	20	26.7	IV
37+80	40/70	2	6	8.0	II
37+80	40/70	1	6	8.0	II
27+45	Devon Ave.				
21+53	41/00	1	6	8.0	II
21+53	41/00	2	6	8.0	II
19+28	LP CD8	2	6	8.0	II
18+45	LP CD8	2	300	400.0	IV
13+75	41/16	1	6	8.0	II
13+75	41/16	2	75	100.0	IV
1+75	Peterson Ave.				
0+00N / 0+00S	STA EQUATION				
19+29	Forest Glen				
23+63	Chicago River North Branch				

PLOT DATE = 5/22/2006
FILE NAME = c:\projects\62929\62929.dwg
USER NAME = dbh800

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE (SB)
I-94
LAWRENCE AVE TO LAKE-COOK RD.

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE 5/22/2006

DRAWN BY
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	11
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

**2005-087CRC-PP
CONTRACT NO. 60B08

STA	MILE MARKER	LN	LENGHT (FT.)	AREA (YD)	TYPE
29+14	Cicero Ave.				
45+87	Forest Preserve Overpass				
56+41	Foster Ave.				
66+47	Elston Ave.				
70+80	42/78	2	15	20.0	III
72+10	42/80	2	20	26.7	IV
77+23	Chicago & Northwestern RR				
80+41N / 434+26S STA EQUATION					
431+64	Lawrence Ave.				
419+10	Wilson Ave.				
410+50	Kennedy Exp.				

*** ALL PATCHING WIDTH ARE 12 FT

PLOT DATE = 5/22/2006
PLOT NAME = \\j26066\sh-tdy.dgn
PLOT SCALE = 60,0000 / IN
USER NAME = abbbave

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE (SB)
I-94
LAWRENCE AVE TO LAKE-COOK RD.

SCALE: VERT. 1"=50'
HORIZ. 1"=50'
DATE 5/22/2006

DRAWN BY
CHECKED BY

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	12
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

** 2005-087CRC-PP
CONTRACT NO. 60B08

TOTAL PATCHING SCHEDULE (NB & SB)

PATCH AREA				SAW CUTS (ft)	TIE BARS (Each)	PATCHING REINFORCEMENT (sq. yd)	LANE #1 TOTAL (sq. yd)	LANE #2 TOTAL (sq. yd)
TYPE I (sq. yd)	TYPE II (sq. yd)	TYPE III (sq. yd)	TYPE IV (sq. yd)					
0.0	294.3	32	560	14702	1405	3330.6	886.3	2446.3
(sq. yd)	(sq. yd)	(sq. yd)	(sq. yd)	(ft)	(Each)	(sq. yd)	(sq. yd)	(sq. yd)
TYPE I (SPECIAL)	TYPE II (SPECIAL)	TYPE III (SPECIAL)	TYPE IV (SPECIAL)					
0	677	176	1593.3					

PLOT DATE = 5/22/2006
 PLOT SCALE = 90.0000 / IN.
 USER NAME = abebars

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

PATCHING SCHEDULE (NB)
I-94
LAWRENCE AVE TO LAKE-COOK RD.

SCALE: VERT. 1"=50'
HORIZ. DATE 5/22/2006

DRAWN BY
CHECKED BY

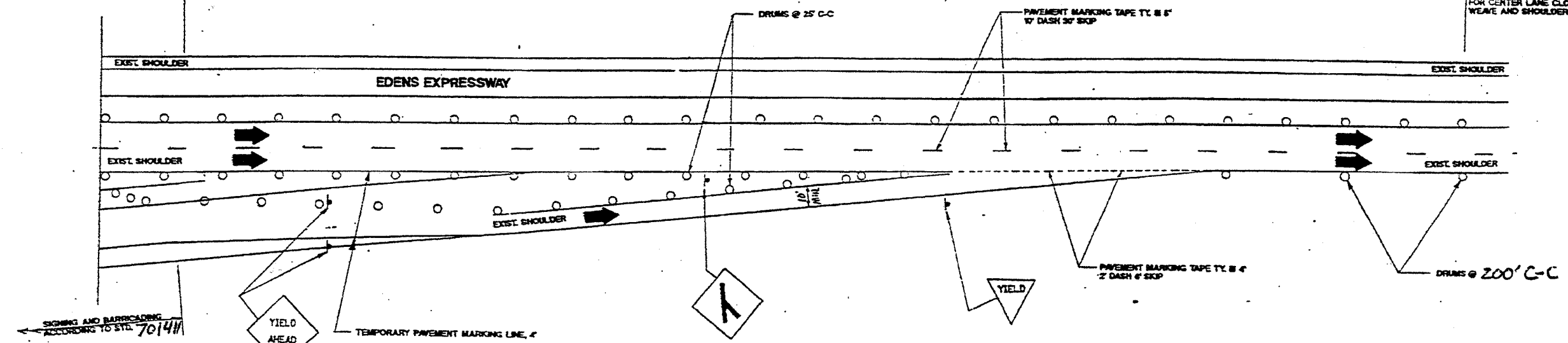
60808

SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	COOL	19	13
STA.	TO STA.	*** 2005-087CR-PP	

SIGNING, BARRICADING AND STRIPING ACCORDING TO TRAFFIC CONTROL DETAILS FOR CENTER LANE CLOSURE, MULTI LANE WEAVE AND SHOULDER LANE

NOTE:
-REMOVE GORE MARKING
-REMOVE EXIST. EDGE LINE

SIGNING, BARRICADING AND STRIPING ACCORDING TO TRAFFIC CONTROL DETAILS FOR CENTER LANE CLOSURE, MULTI LANE WEAVE AND SHOULDER LANE

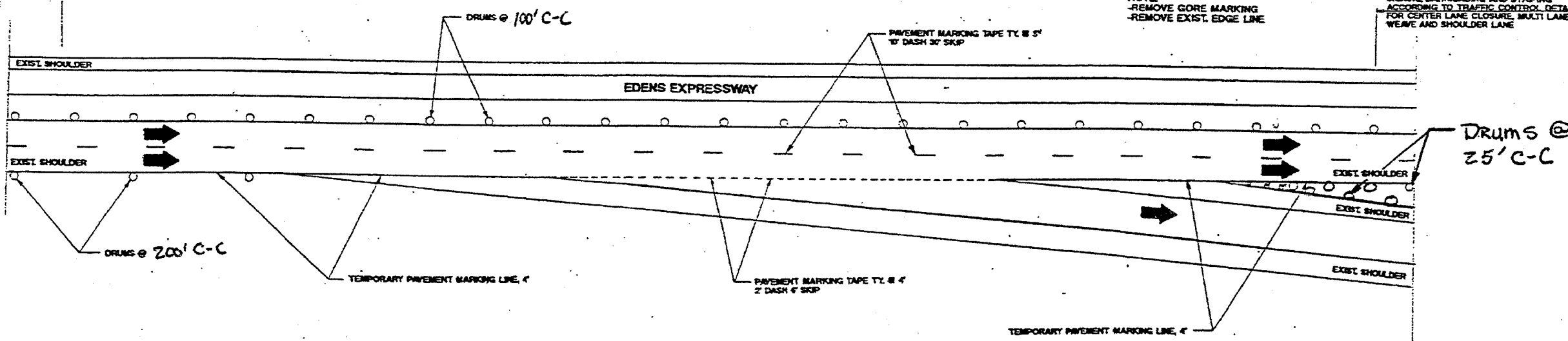


TRAFFIC CONTROL DETAIL FOR TYPICAL ENTRANCE RAMP WITH CENTER LANE CLOSURE AND SHOULDER LANE

SIGNING, BARRICADING AND STRIPING ACCORDING TO TRAFFIC CONTROL DETAILS FOR CENTER LANE CLOSURE, MULTI LANE WEAVE AND SHOULDER LANE

NOTE:
-REMOVE GORE MARKING
-REMOVE EXIST. EDGE LINE

SIGNING, BARRICADING AND STRIPING ACCORDING TO TRAFFIC CONTROL DETAILS FOR CENTER LANE CLOSURE, MULTI LANE WEAVE AND SHOULDER LANE

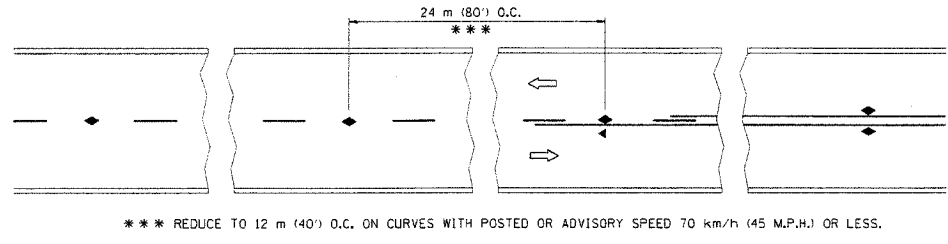


TRAFFIC CONTROL DETAIL FOR TYPICAL EXIT RAMP WITH CENTER LANE CLOSURE AND SHOULDER LANE

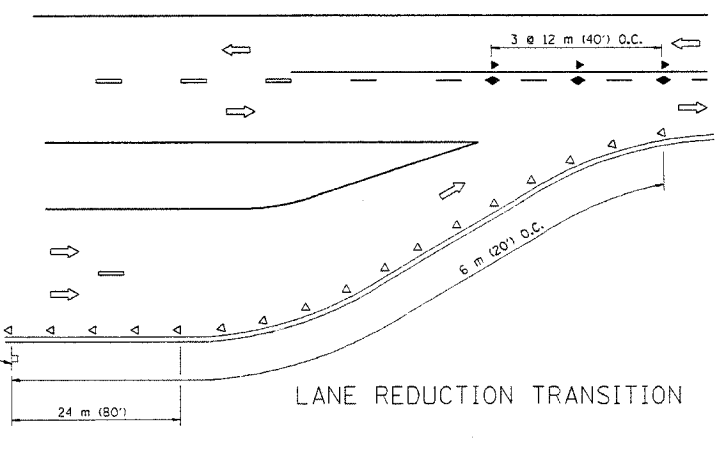
REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL DETAIL FOR TYPICAL EXIT AND ENTRANCE RAMPS WITH CENTER LANE CLOSURE AND SHOULDER LANE
SCALE: VERT. _____
HORIZ. _____
DATE _____
DRAWN BY _____
DESIGNED BY _____
CHECKED BY _____

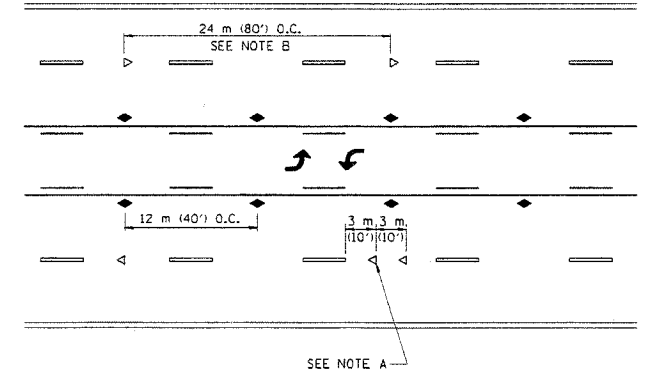
P.A. SHEET NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	14
STA.	TO STA.			
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		
60808 ** 2005-0810RC-PP				



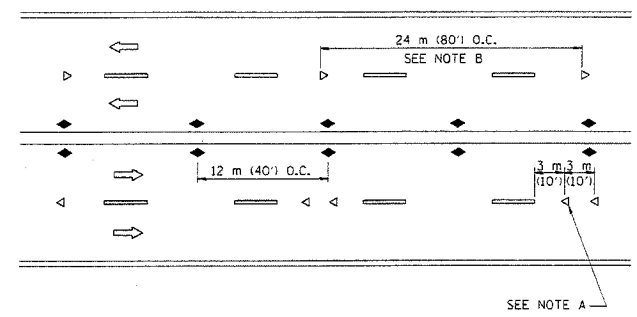
TWO-LANE/TWO-WAY



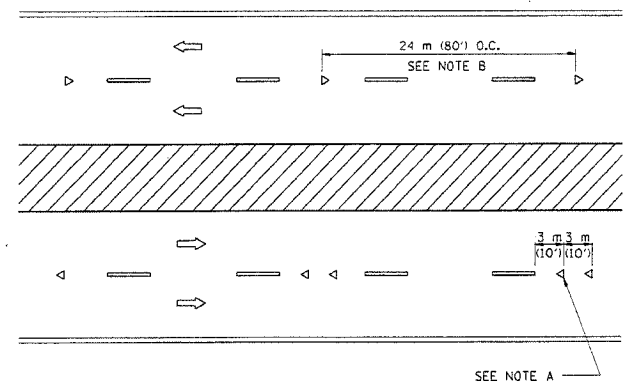
LANE REDUCTION TRANSITION



TWO-WAY LEFT TURN



MULTI-LANE/UNDIVIDED



MULTI-LANE/DIVIDED

GENERAL NOTES

1. MARKERS USED WITH DASHED LINES SHALL BE CENTERED IN THE GAP BETWEEN SEGMENTS.
2. MARKERS USED ADJACENT TO SOLID LINES SHALL BE OFFSET 50 TO 75 (2 TO 3) TOWARD TRAFFIC AS SHOWN.
3. MARKERS THROUGH TANGENTS LESS THAN 150 m (500') IN LENGTH BETWEEN CURVES SHALL BE INSTALLED AT THE LESSER OF THE TWO CURVE SPACINGS.

SYMBOLS

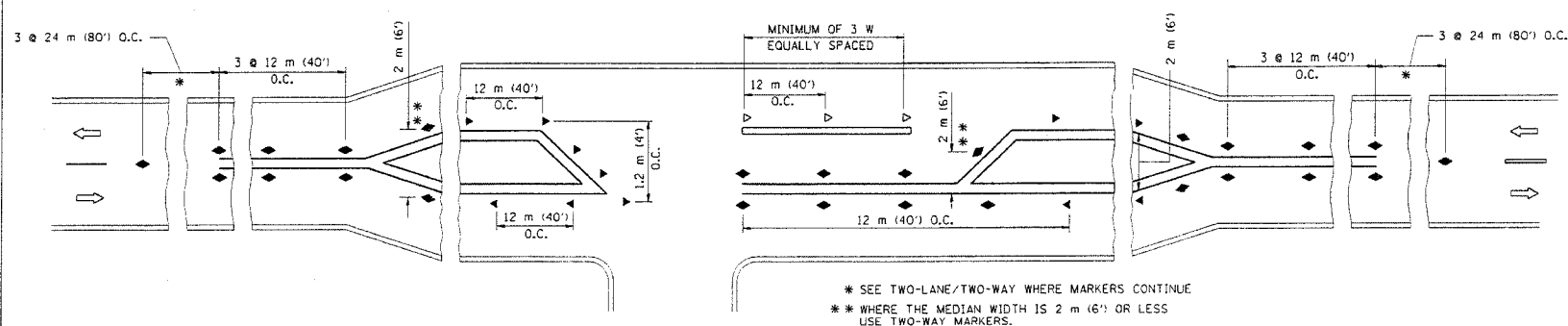
- YELLOW STRIPE
- WHITE STRIPE
- ◀ ONE-WAY AMBER MARKER
- ◀ ONE-WAY CRYSTAL MARKER (W/O)
- ◆ TWO-WAY AMBER MARKER

LANE MARKER NOTES

- A. USE DOUBLE LANE LINE MARKERS SPACED AS SHOWN.
- B. REDUCE TO 12 m (40') O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 20 km/h (10 M.P.H.) LOWER THAN POSTED SPEEDS.

DESIGN NOTES

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE.
2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES.
3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHOULD BE INCLUDED IN THE PLANS.
4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE INVOLVED.



LEFT TURN

* SEE TWO-LANE/TWO-WAY WHERE MARKERS CONTINUE
 ** WHERE THE MEDIAN WIDTH IS 2 m (6') OR LESS USE TWO-WAY MARKERS.

All dimensions are in millimeters (inches) unless otherwise shown.

ILLINOIS DEPARTMENT OF TRANSPORTATION
 TYPICAL APPLICATIONS
 RAISED REFLECTIVE PAVEMENT MARKERS
 (SNOW-PLOW RESISTANT)

REVISIONS	
NAME	DATE
T. RAMMACHER	09-19-94
T. RAMMACHER	03-12-99
T. RAMMACHER	01-06-00

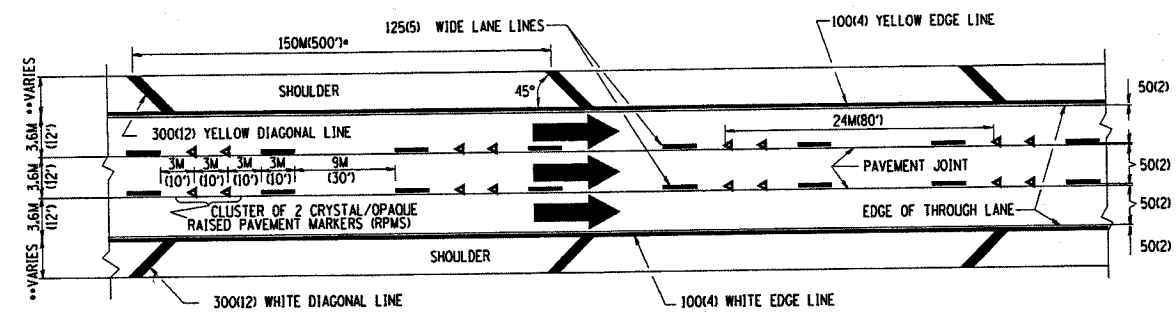
SCALE: NONE
 DATE: 10/18/2002
 DRAWN BY: CADD
 CHECKED BY: TC-11

DATE-TIME
 DGN-SPEC
 V-17C

REVISION DATE: 05/02

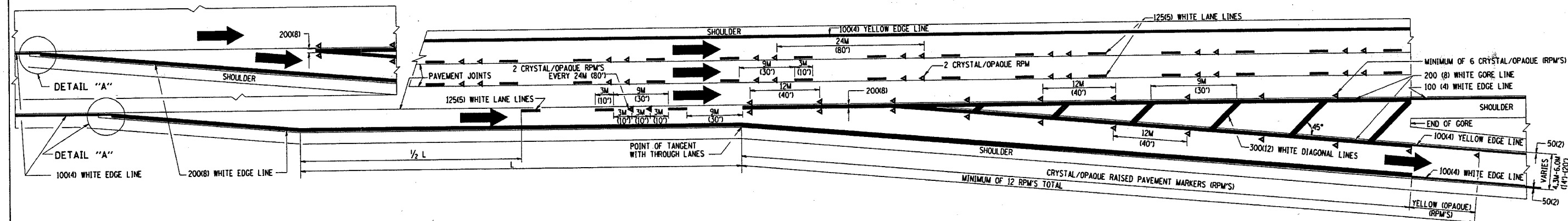
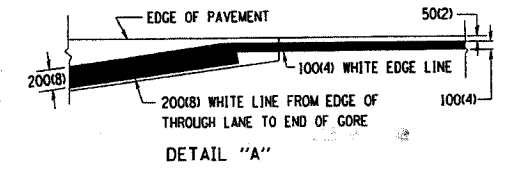
CONTRACT NO.				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	15
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		60808		
		** 2005-081CRC-PP		

- THE DIAGONAL LINES SHALL BE SPACED AT 12M (40') C-C ACROSS ALL STRUCTURES WHICH ARE 150M (500') OR LESS IN LENGTH
- THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 1.8M (6') OR LESS IN WIDTH

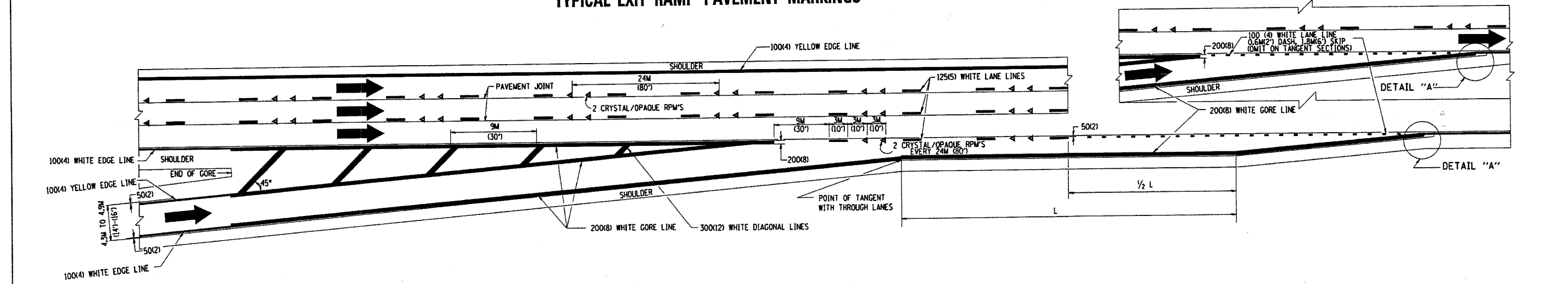


TYPICAL EDGE LINES & LANE LINES

- NOTES:
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
 2. PREFORMED PLASTIC OR POLYUREA PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES



TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS

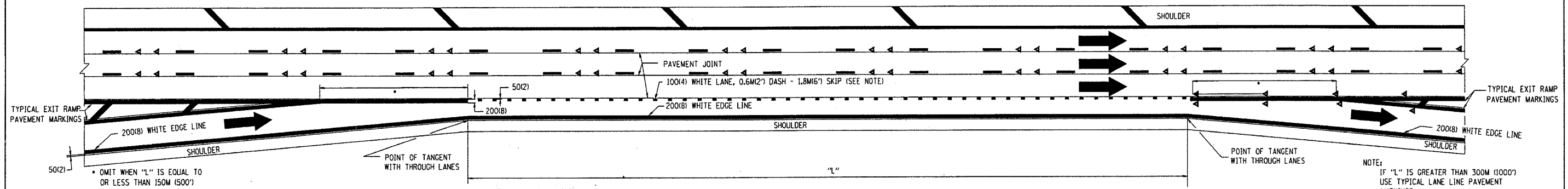
REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91
AH	3/96
DWS	7/96
JAF	2/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
**MULTI-LANE FREEWAY
 PAVEMENT MARKING
 DETAILS**

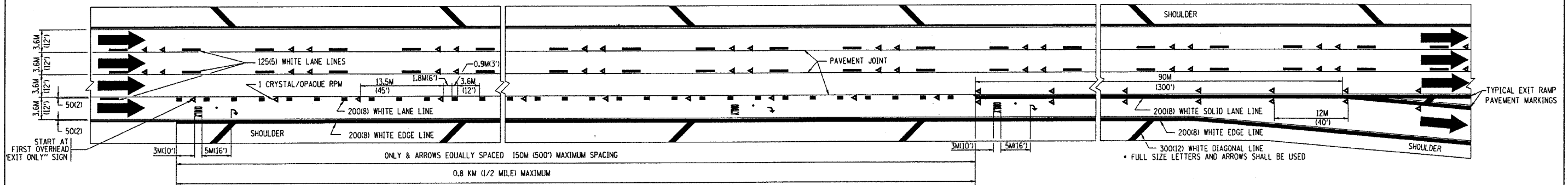
SCALE: NONE
 DATE: 3/1/2006
 DRAWN BY C.A.D.D.
 CHECKED BY
 TC12 SHEET 1 OF 2
 REVISION DATE: 02/28/06

PLOT DATE: 3/1/2006
 PLOT SCALE: 80000 / 1 IN.
 USER NAME: jaf

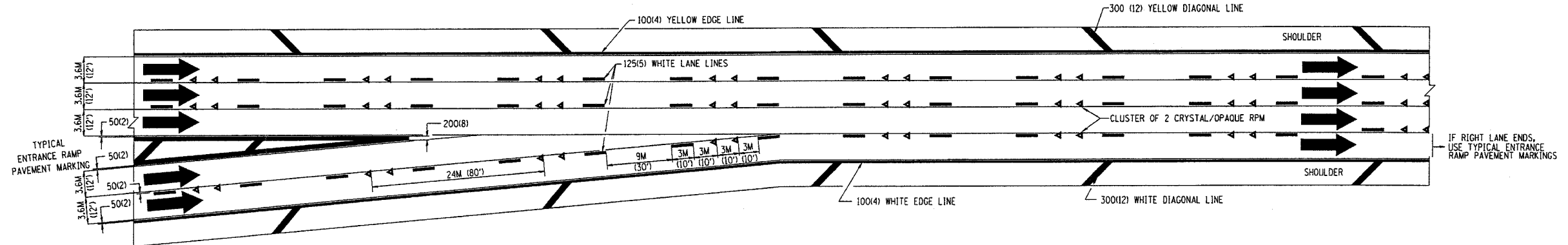
CONTRACT NO.				
F.A. RYE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	16
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		60808		
** 2005-087CR-PP				



TYPICAL ENTRANCE/EXIT RAMP COMBINATION PAVEMENT MARKINGS



TYPICAL EXIT ONLY LANE PAVEMENT MARKINGS



TYPICAL TWO LANE ENTRANCE RAMP PAVEMENT MARKINGS

REVISIONS	
NAME	DATE
DWS	1/90
DWS	5/91

ILLINOIS DEPARTMENT OF TRANSPORTATION
**MULTI-LANE FREEWAY
 PAVEMENT MARKING
 DETAILS**

SCALE: NONE
 DATE: 3/1/2006
 DRAWN BY: C.A.D.D.
 CHECKED BY:
 TC12 SHEET 2 OF 2

PLOT DATE: 3/1/2006
 FILE NAME: K:\projects\10102.dwg
 PLOT SCALE: 1/8" = 1'-0"
 USER: HWE

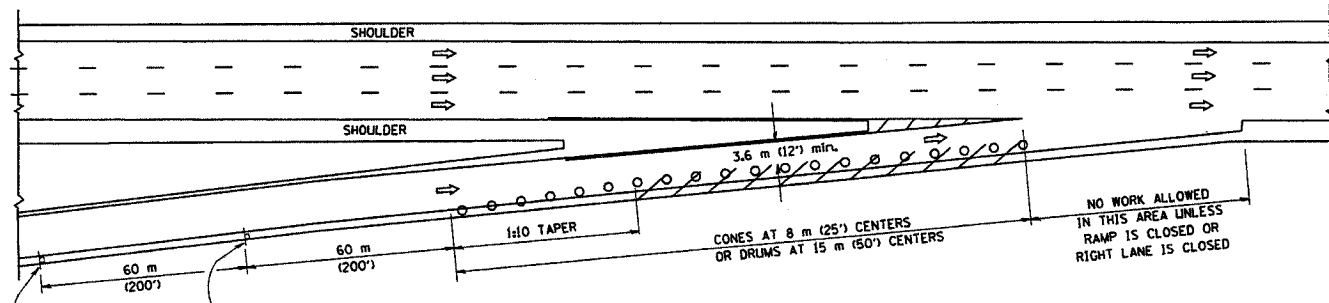
REVISION DATE: 02/28/06

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
94	**	COOK	19	17
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		2005-081CR-PP		

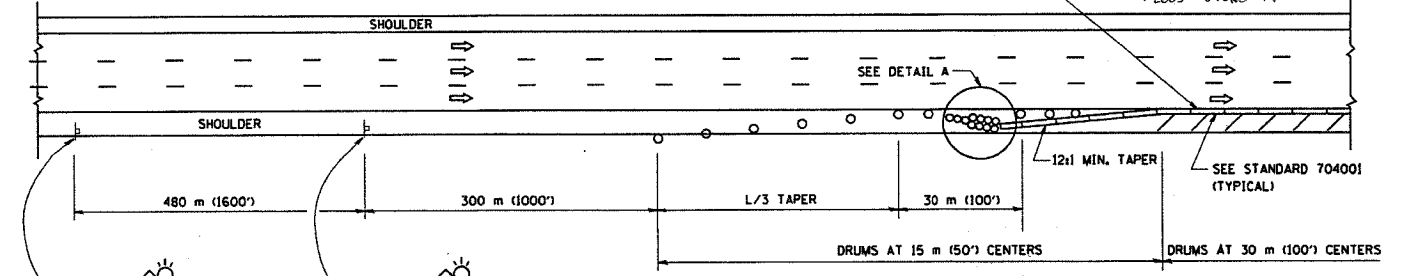
PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS

REFLECTIVE 150 (6) EDGE LINE ON LOWER SLOPE OF WALL (LEFT EDGE YELLOW, RIGHT EDGE WHITE)

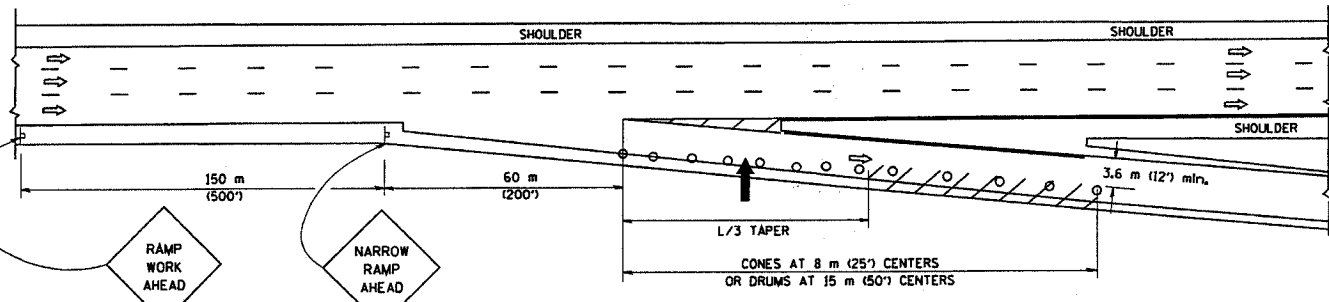


TYPICAL ENTRANCE RAMP

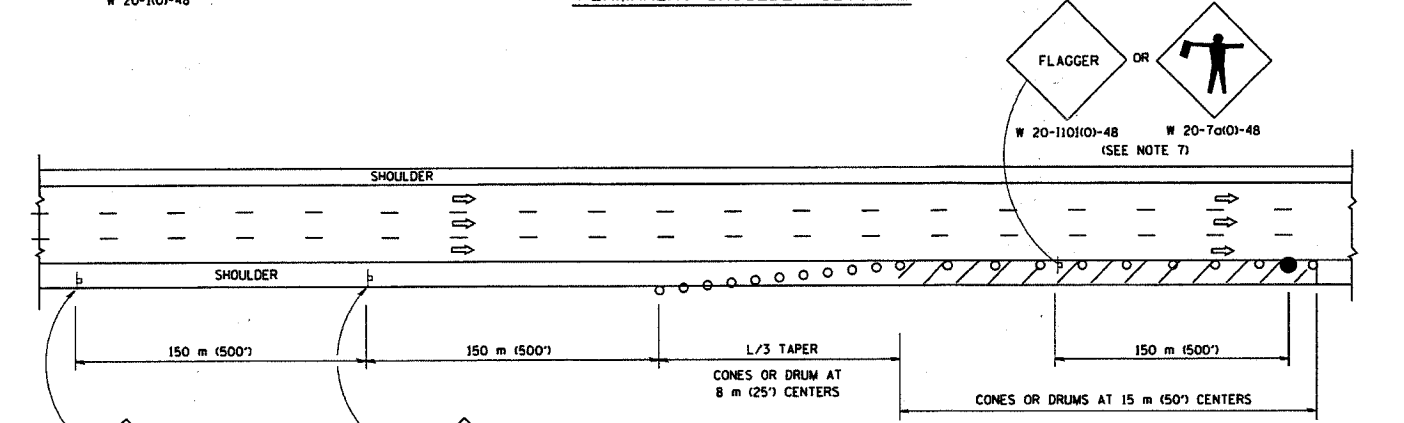


PERMANENT SHOULDER CLOSURE

OR WHEN SPECIFIED INSTALL TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS PER TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)

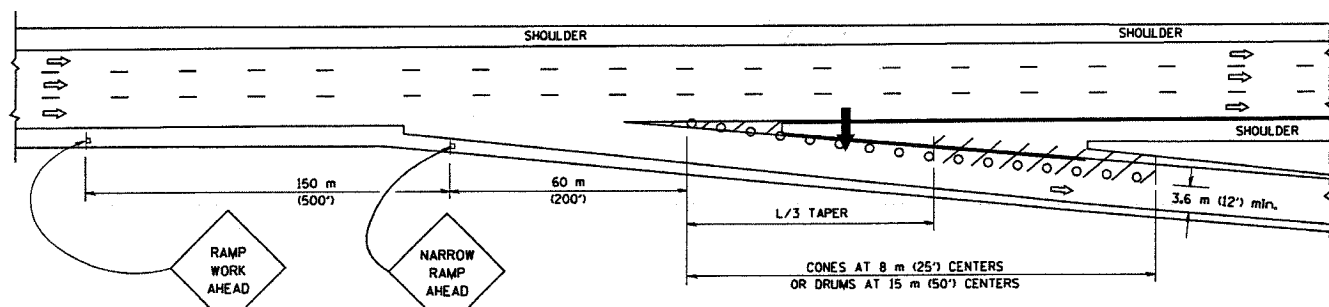


TYPICAL EXIT RAMP

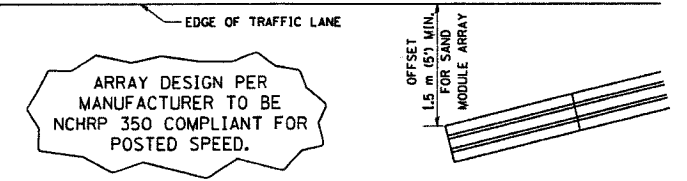


DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROUGH IN AN AREA CLOSER THAN 4.5 m (15') TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



TYPICAL EXIT RAMP



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

SYMBOLS

- ARROWBOARD
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- CONES - 700 (28) IN HEIGHT

GENERAL NOTES

1. THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
80 km/h (45 mph) METRIC ENGLISH
OR GREATER: $L=0.65(WXS)$ $L=(WXS)$
W = WIDTH OF OFFSET IN METERS (FEET)
S = NORMAL POSTED SPEED KM/H (MPH)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE "TRAFFIC BARRIER TERMINAL, TYPE III, TEMPORARY" DEVICE TO MEET NCHRP350 FOR POSTED SPEED.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK ACTIVITY REQUIRES FREQUENT ENCROUGHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 30 m (100') TO 60 m (200') IN ADVANCE OF THE WORKERS.

REVISIONS	
NAME	DATE
DWS	11/96
JAF	12/02
NCHRP 350	04/03
JAF	2/06

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

ILLINOIS DEPARTMENT OF TRANSPORTATION
TRAFFIC CONTROL DETAILS
FOR FREEWAY
SHOULDER CLOSURES
PARTIAL RAMP CLOSURES

SCALE: NONE
DATE: 3/1/2006

DESIGNED BY: DWS
DRAWN BY:
CHECKED BY:
TC-17

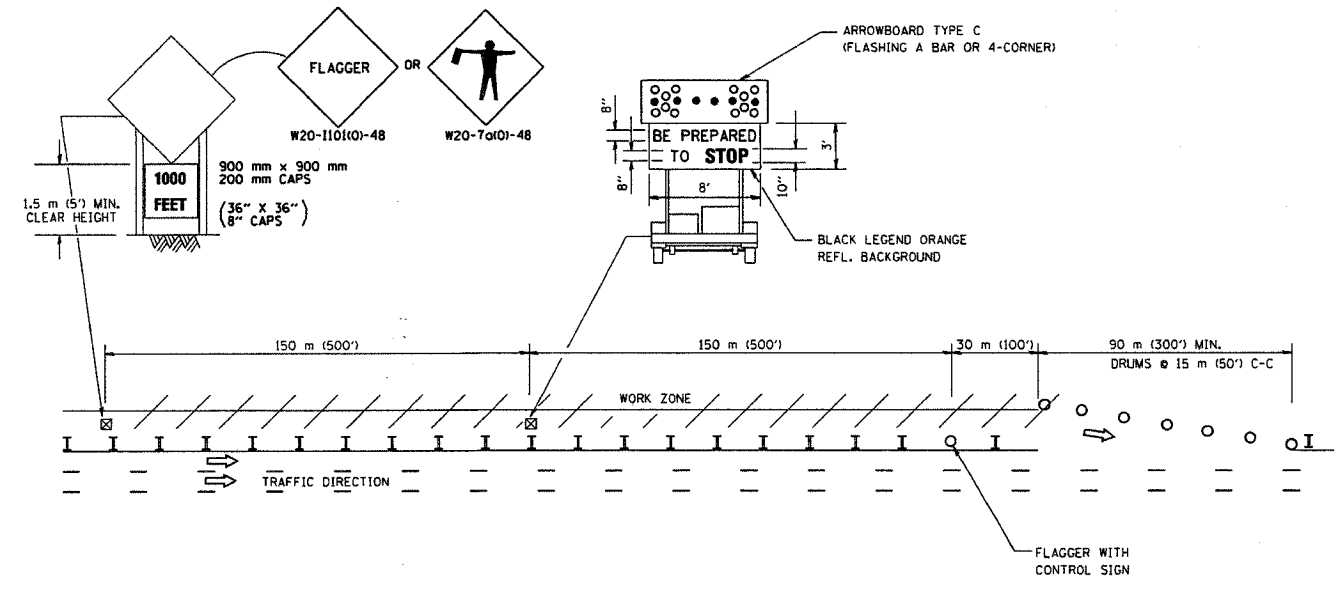
REVISION DATE: 02/28/06

PLOT DATE: 3/1/2006
FILE NAME: K:\projects\1417.dwg
PLOT SCALE: 60,00000 / 1 IN.
USER NAME: legue

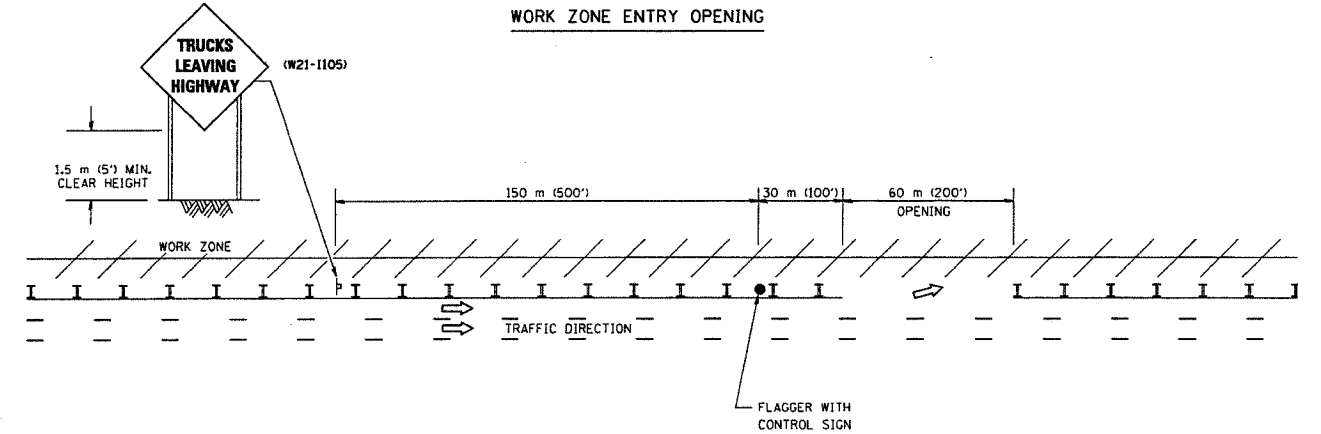
CONTRACT NO. 66808				
F.A. RYE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
44	**	Cook	19	18
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
** 2005-08742-PP				

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. The Arrowboard, the Flagger Ahead trailer mounted sign, and the Trucks Leaving Highway sign shall be removed or turned away from traffic and the exit and entry openings shall be closed when the flagging operation ceases.
2. Work Zone Exit Openings should be a minimum of one half mile apart.
3. Exiting the work zone at any place other than at a Work Zone Exit Opening will be prohibited.
4. All vehicles shall enter the work zone at entry openings, using their turn signals to warn motorists

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SHOWN

REVISIONS	
NAME	DATE
DWS	8/98
JAF	4/03
JAF	2/06

ILLINOIS DEPARTMENT OF TRANSPORTATION
SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS

SCALE: NONE
DATE: 3/1/2006
DRAWN BY CADD
CHECKED BY
TC-18

REVISION DATE: 02/28/06

PLOT DATE: 3/1/2006
FILE NAME: K:\data\101018.dgn
PLOT SCALE: 60000 / IN.
USER NAME: jaf

