

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	FA 0344 22 CJ	DUPAGE	17	1
		ILLINOIS	CONTRACT NO. 62T79	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN:
THE VILLAGES OF BURR RIDGE AND WILLOWBROOK

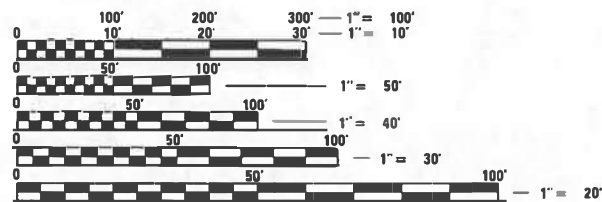
TRAFFIC DATA:
IL 83
2021 ADT = 24,700 - 44,400
POSTED AND DESIGN SPEED LIMIT = 45-55 MPH

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 344 (IL 83)
NO RIDGEMOOR DR TO COOK/DUPAGE COUNTY LINE
SECTION: FAP 0344 22 CJ
CRACK AND JOINT SEALING

DUPAGE COUNTY
C-91-298-22

D-91-245-22



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.

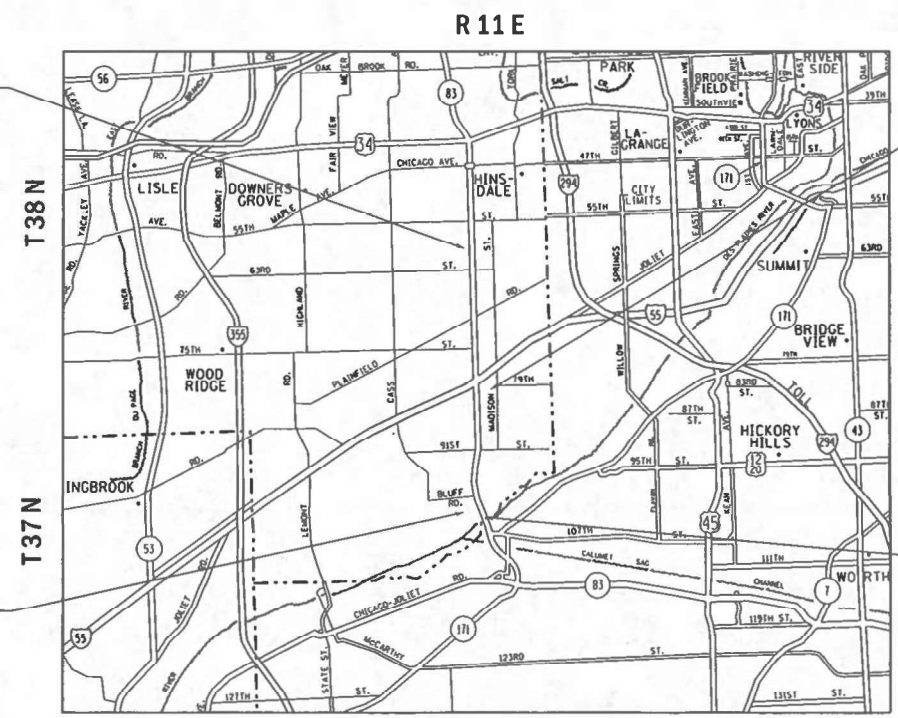
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENDS
STA. 266+51

BRIDGE OMISSION
STA. 155+93 TO 160+00

BRIDGE OMISSION
STA. 25+74 TO 32+67

PROJECT BEGINS
STA. 21+52



DOWNERS GROVE TOWNSHIP



LOCATION MAP
(NOT TO SCALE)

PROJECT ENGINEER: DAN WILGREEN (847) 705-4240
PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62T79

GROSS LENGTH = 24,499 FT = 4.64 MILES
NET LENGTH = 23,399 FT = 4.43 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED DECEMBER 7 20 23
John Paul Carr
REGIONAL ENGINEER

February 2, 2024
Scott A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT

February 2, 2024
Stephen McNeill
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS
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4-12	ROADWAY AND PAVEMENT MARKING PLAN
13	CRACK AND JOINT SEALING DETAIL (PD-11)
14	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
15	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
16	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
17	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	TYPICAL SYMBOLS, ABBREVIATIONS AND PATTERNS
442201-03	CLASS C AND D PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE 2L, 2W SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS >= 45 MPH
701311-03	LANE CLOSURE 2L, 2W MOVING OPERATIONS - DAY ONLY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-09	TRAFFIC CONTROL DEVICES

GENERAL NOTES

- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 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 VILLAGES OF BURR RIDGE, AND WILLOWBROOK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION OF THE DEPARTMENT.
- ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE N/O RIDGEMOOR DR TO COOK/DUPAGE COUNTY LINE SHOWN ON THE PLANS WILL 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT PATCHING LOCATIONS AND RAISED TO BE REMOVED AND REPLACED 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.
- ALL CRACK ROUTING & CRACK SEALING AND PATCHING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS & RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN PAVEMENT.
- THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING OF WORK
- THE RESIDENT ENGINEER SHALL CONTACT WALLY CZARNY, ARTERIAL TRAFFIC FIELD ENGINEER, AT WALTER.CZARNY@ILLINOIS.GOV MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- THE CONTRACTOR WILL BE REQUIRED TO KEEP A RECORD OF THE LOCATIONS OF THE BURIED STRUCTURES ACCORDING TO THE STATION AND DISTANCE LEFT OR RIGHT OF THE CENTERLINE OF PAVEMENT. UPON COMPLETION OF THE WORK, THE CONTRACTOR WILL DELIVER THE RECORD TO THE ENGINEER.
- MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. OLD SEALANTS REMOVED PRIOR TO ROUTING SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF CURB OR DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT. ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
- MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER C & J SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF THE MODIFIED URETHANE PAVEMENT MARKING.
- THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS		QUALITY MANAGEMENT PROGRAM (QMP)
MIXTURE TYPE	AIR VOIDS(%) @ N _{DES.}	
CLASS D PATCHING (SPECIAL)		
HMA SURFACE COURSE, IL-9.5, MIX D, N70; TOP 2"	4% @ 70 GYR	QC/QA
HMA BINDER COURSE, IL-19.0, N70	4% @ 70 GYR	QC/QA
QMP DESIGNATION: QUALITY CONTROL/QUALITY ASSURANCE(QA/QC); QUALITY CONTROL FOR PERFORMANCE(QCP)		

NOTES FOR HMA MIXTURE REQUIREMENT:

- THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQ YD/IN.
- THE AC TYPE FOR POLYMERIZED HMA MIXES SHALL BE 'SBS/SBR PG 76-22' AND FOR NON-POLYMERIZED HMA THE 'AC TYPE' BE 'PG 64-22', UNLESS MODIFIED BY RECLAIMED MATERIALS SPECIFICATIONS.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

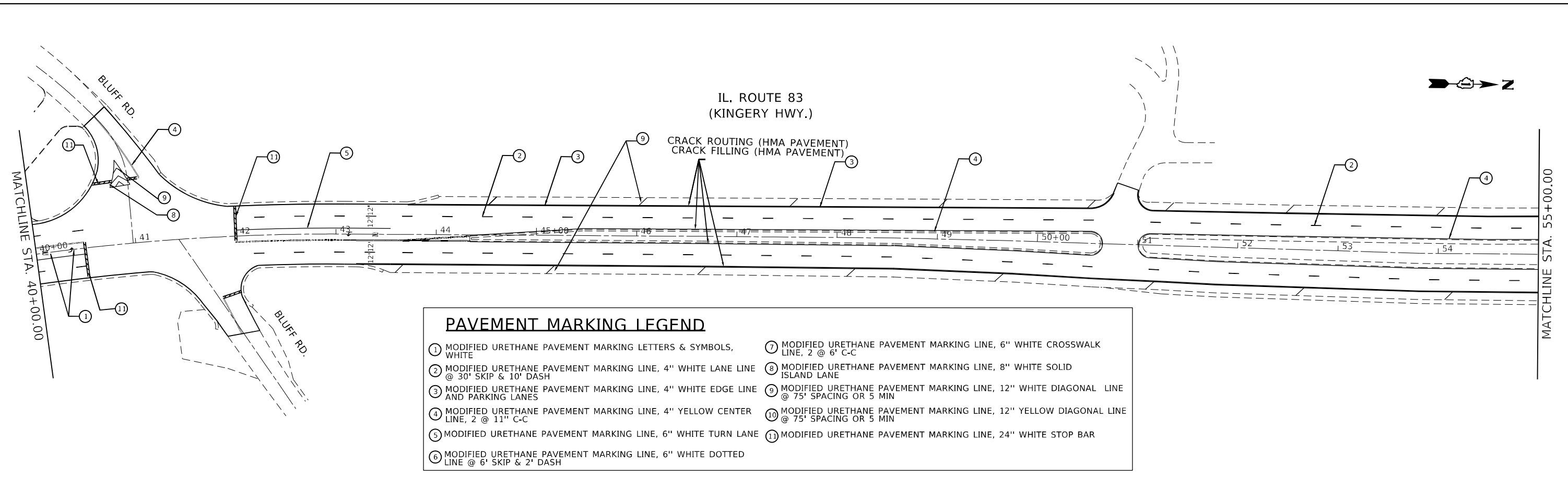
**INDEX OF SHEET, STATE STANDERS AND GENERAL NOTES
IL ROUTE 83 (N/O RIDGEMOOR DR TO COOK/DUPAGE CO.LINE)**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	FA 0344 22 CJ	DUPAGE	17	2
				CONTRACT NO. 62T79
		ILLINOIS	FED. AID PROJECT	

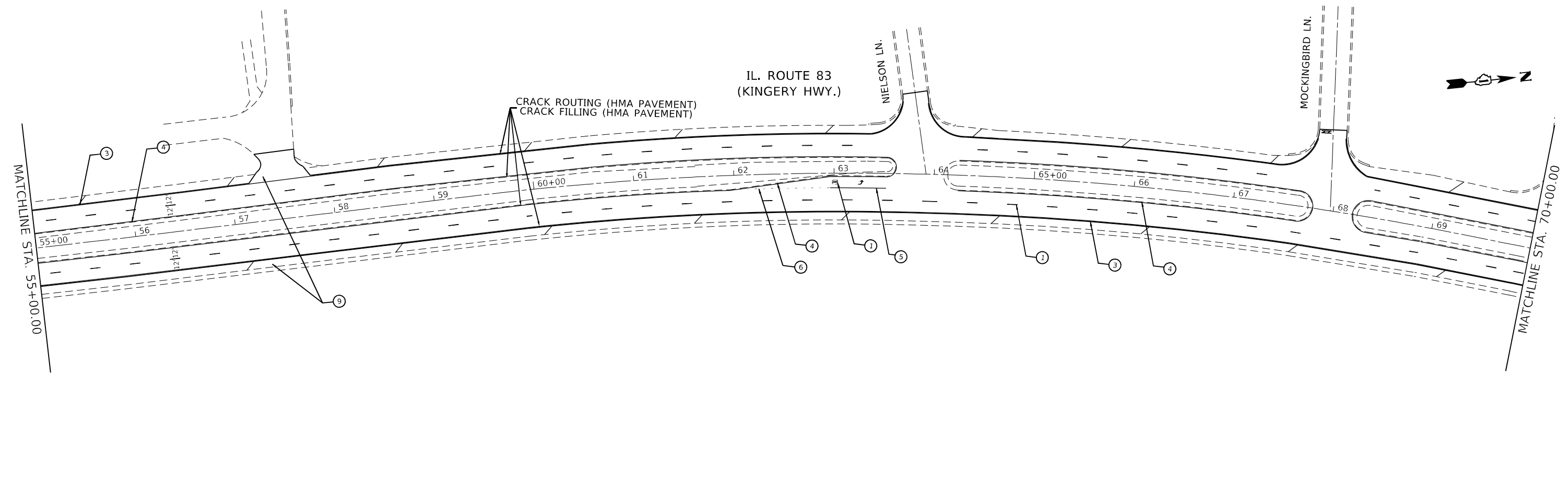
SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005				
			URBAN					
45100100	CRACK ROUTING (PAVEMENT)	FOOT	150765	150765				
45100200	CRACK FILLING	POUND	43073	43073				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	3675	3675				
45200300	JOINT OR CRACK FILLING	POUND	1049	1049				
67100100	MOBILIZATION	L SUM	1	1				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1				
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1				
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	1693	1693				
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	122152	122152				
* SPECIALTY ITEMS								

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0005				
			URBAN					
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	11013	11013				
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	7519	7519				
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	4589	4589				
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1445	1445				
X4428185	CLASS D PATCHES, TYPE II, 13 INCH (SPECIAL)	SO YD	250	250				
X4428187	CLASS D PATCHES, TYPE III, 13 INCH (SPECIAL)	SO YD	150	150				
X4428189	CLASS D PATCHES, TYPE IV, 13 INCH (SPECIAL)	SO YD	100	100				
X6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	12	12				
Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	52	52				



PAVEMENT MARKING LEGEND

① MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, WHITE	⑦ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE CROSSWALK LINE, 2 @ 6' C-C
② MODIFIED URETHANE PAVEMENT MARKING LINE, 4" WHITE LANE LINE @ 30' SKIP & 10' DASH	⑧ MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE SOLID ISLAND LANE
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⑤ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE TURN LANE	⑪ MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE STOP BAR
⑥ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE DOTTED LINE @ 6' SKIP & 2' DASH	



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**STATE OF ILLINOIS
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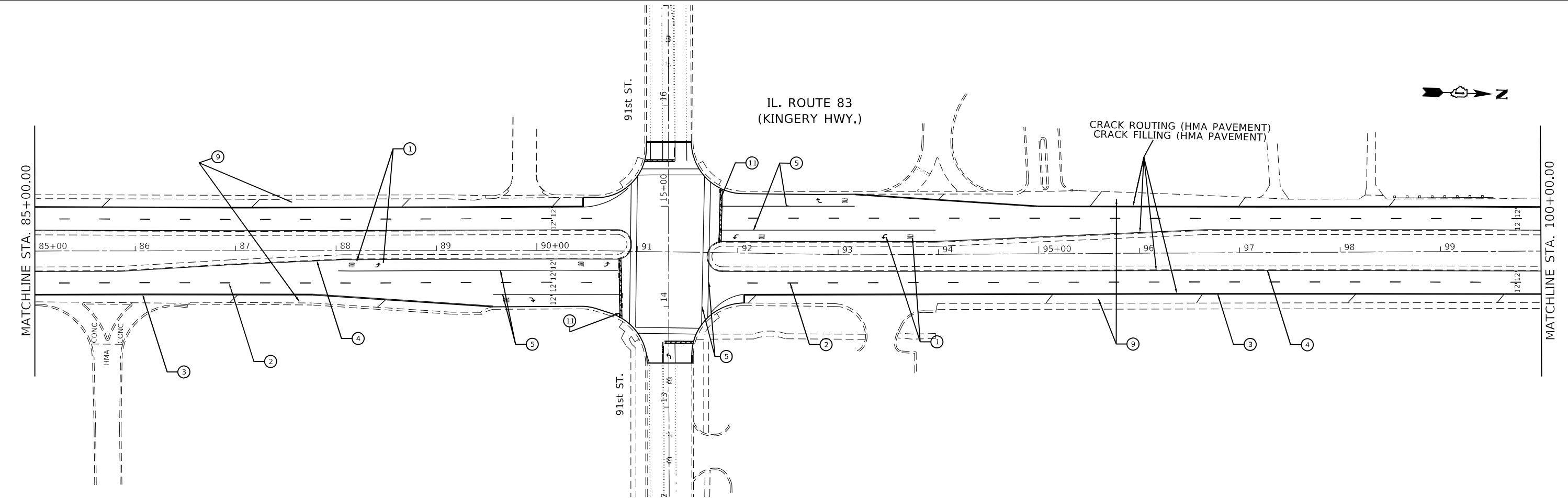
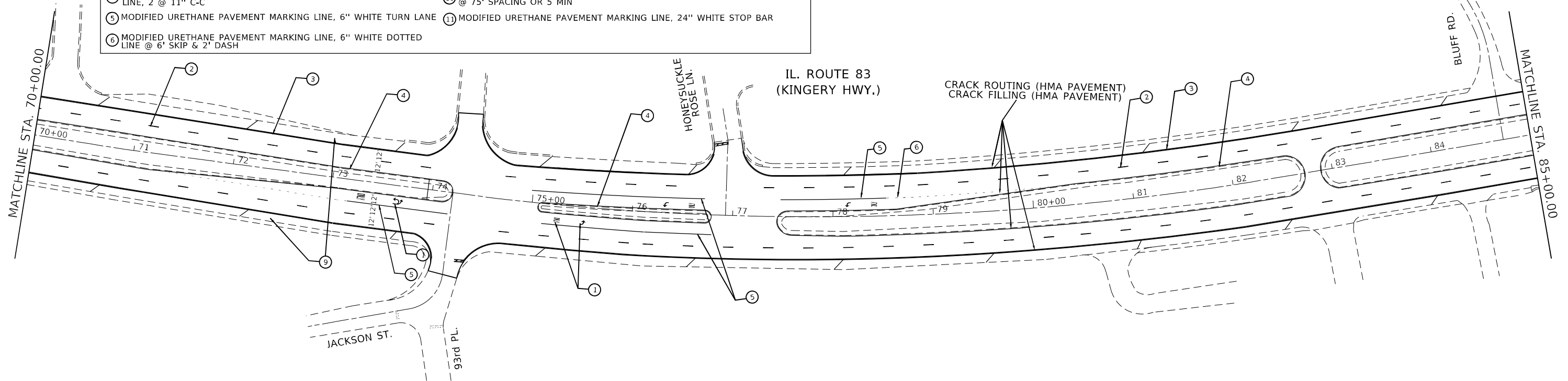
ROADWAY PLAN
IL. ROUTE 83 (N. OF RIDGEMOOR DR. W. TO COOK/DUPAGE CO. LINE)

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 344	FA 0344 22 CJ	DUPAGE	17	5
CONTRACT NO. 62T79				
ILLINOIS FED. AID PROJECT				

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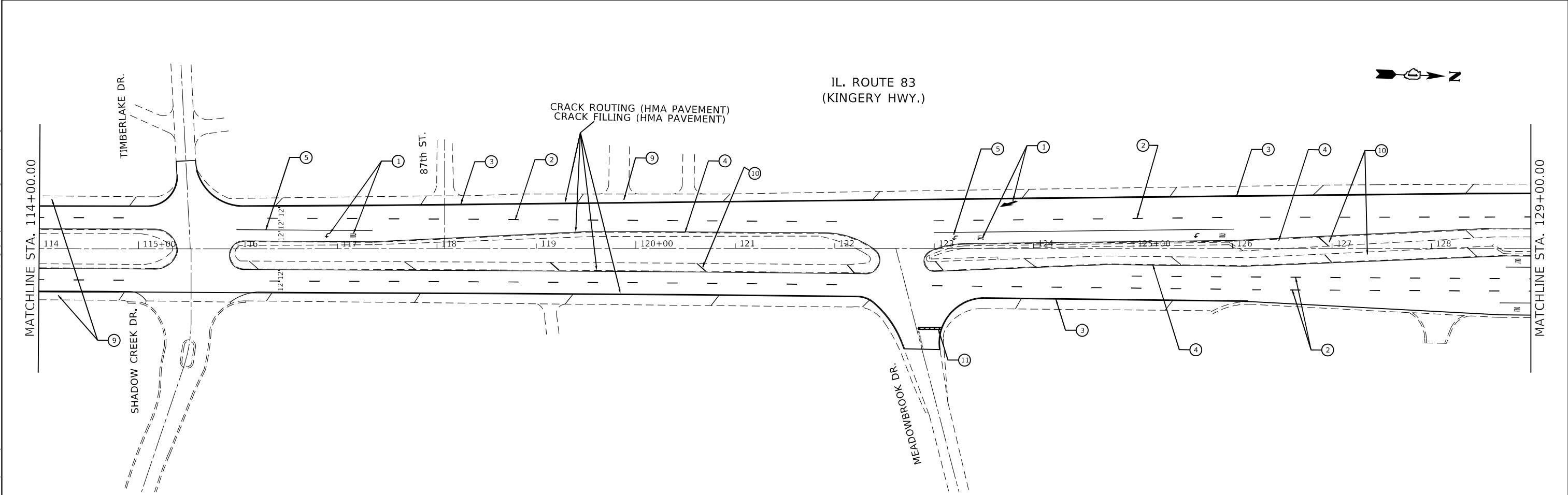
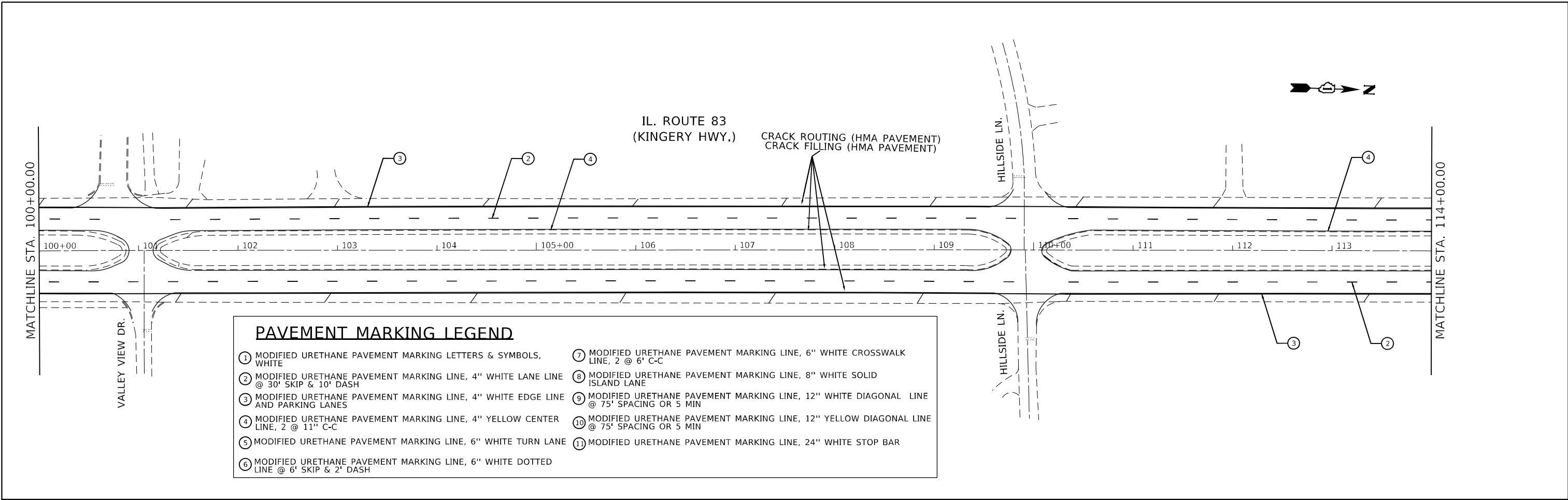
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY PLAN			
IL. ROUTE 83 (N. OF RIDGEMOOR DR. W. TO COOK/DUPAGE CO. LINE)			
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FAP 344	FA 0344 22 CJ	DUPAGE	17	6
CONTRACT NO. 62T79			ILLINOIS FED. AID PROJECT	



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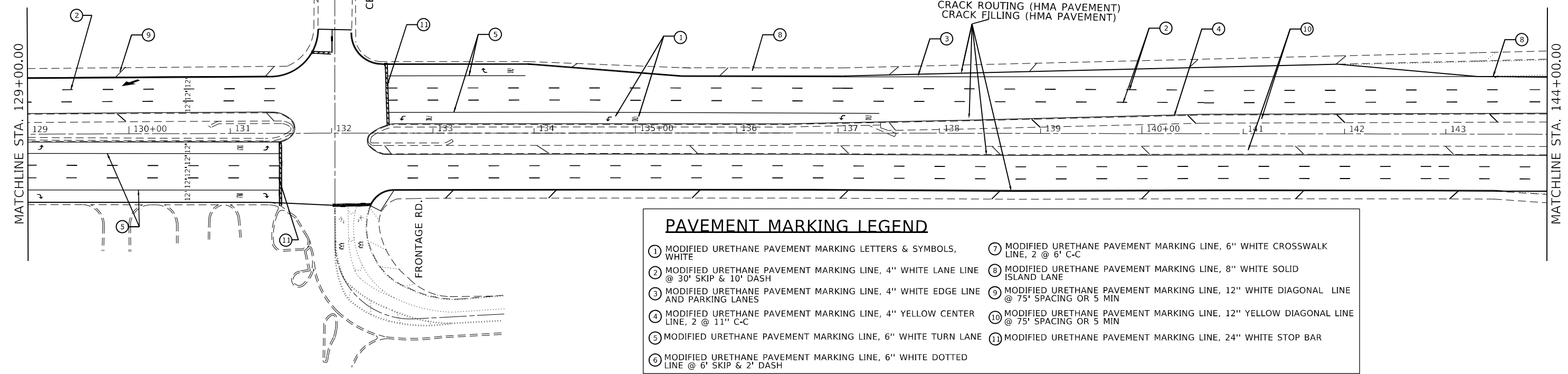
**STATE OF ILLINOIS
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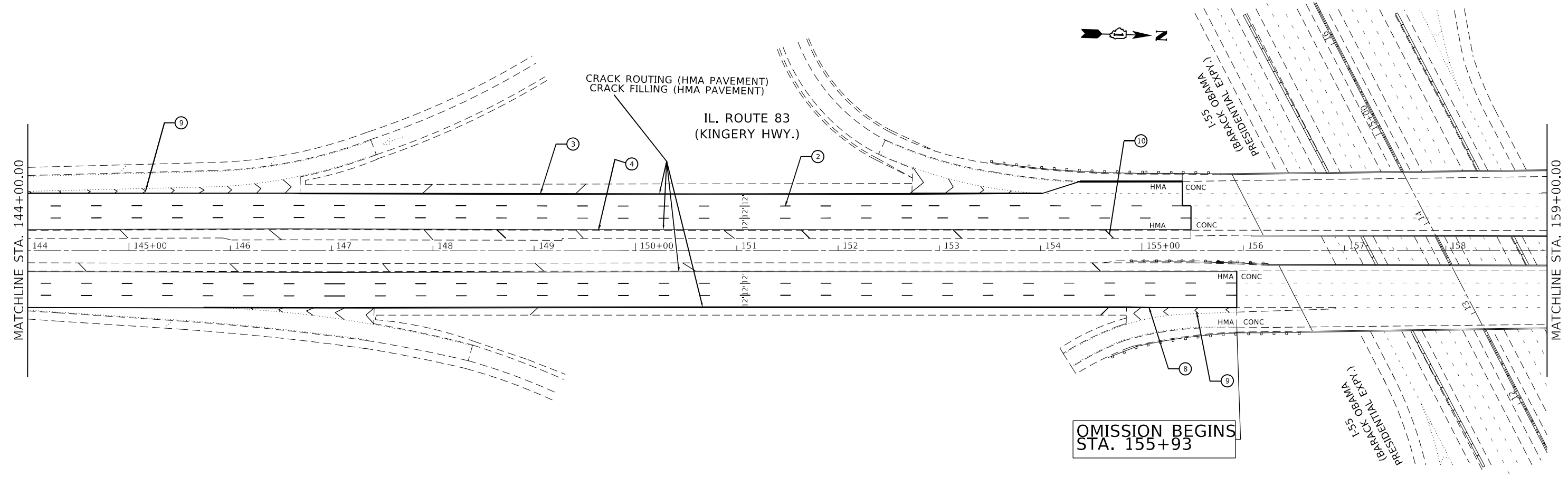
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 344	FA 0344 22 CJ	DUPAGE	17	7
CONTRACT NO. 62T79				
ILLINOIS FED. AID PROJECT				

IL. ROUTE 83
(KINGERY HWY.)



PAVEMENT MARKING LEGEND	
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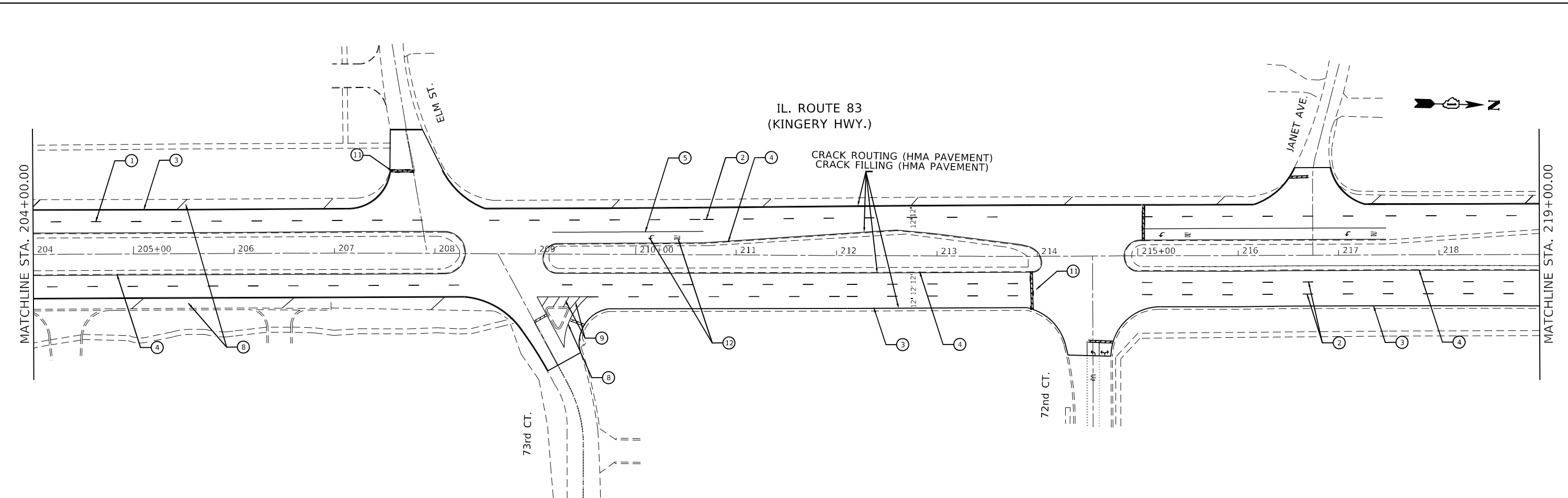
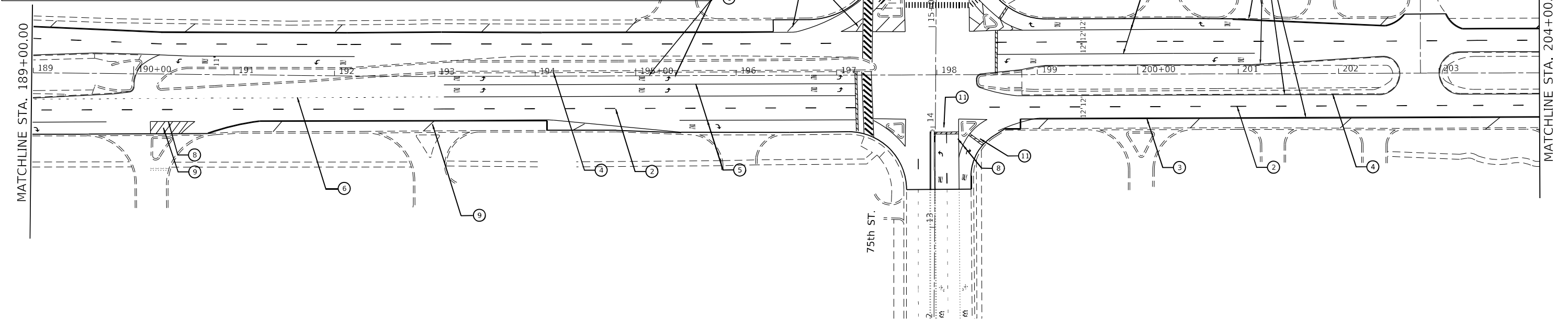
STATE OF ILLINOIS
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ROADWAY PLAN	
IL. ROUTE 83 (N. OF RIDGEMOOR DR. W. TO COOK/DUPAGE CO. LINE)	
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F.A. RTE. FAP 344	SECTION FA 0344 22 CJ	COUNTY DUPAGE	TOTAL SHEETS 17	SHEET NO. 8
CONTRACT NO. 62T79			ILLINOIS FED. AID PROJECT	

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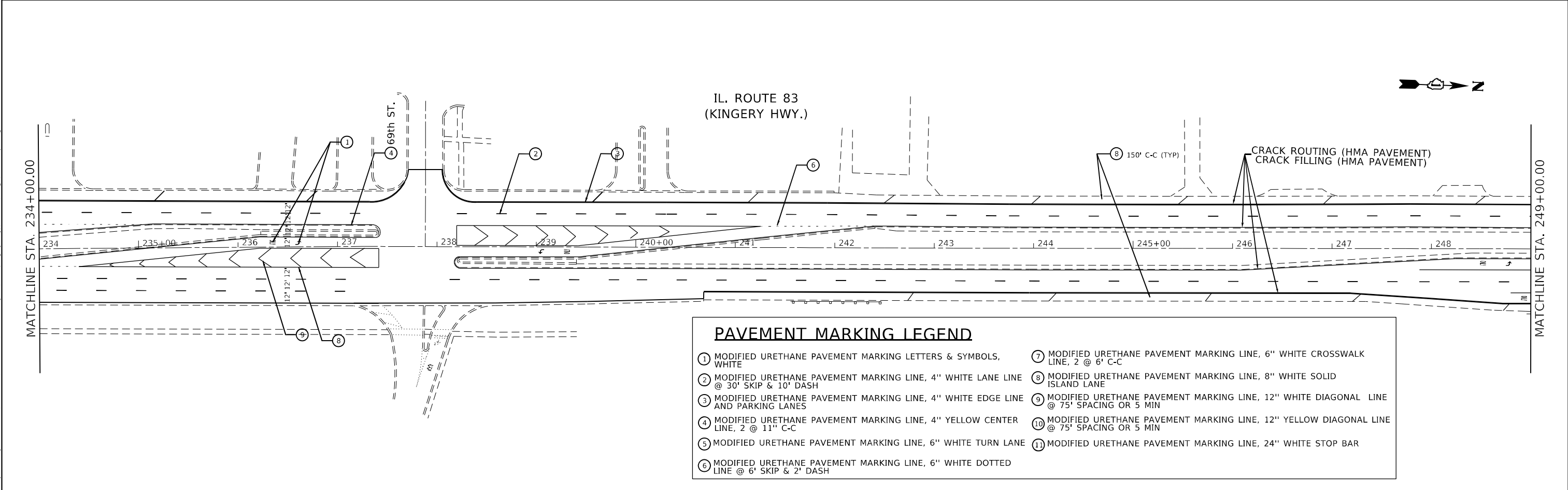
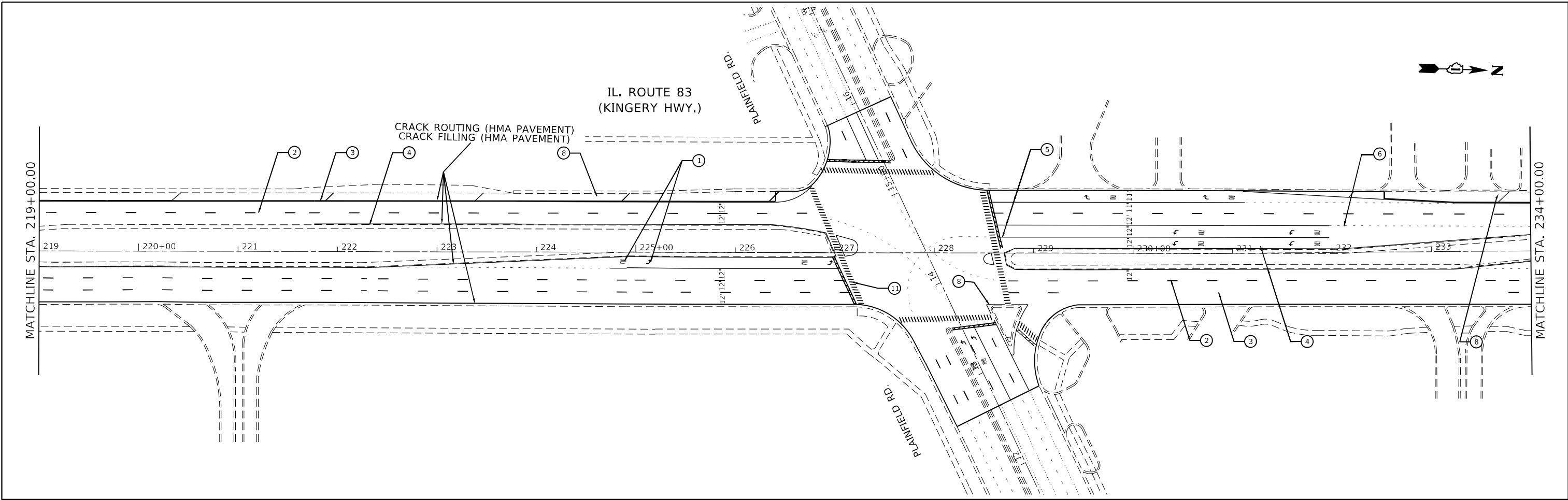
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② MODIFIED URETHANE PAVEMENT MARKING LINE, 4" WHITE LANE LINE @ 30' SKIP & 10' DASH	⑧ MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE SOLID ISLAND LANE
③ MODIFIED URETHANE PAVEMENT MARKING LINE, 4" WHITE EDGE LINE AND PARKING LANES	⑨ MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE DIAGONAL LINE @ 75' SPACING OR 5 MIN
④ MODIFIED URETHANE PAVEMENT MARKING LINE, 4" YELLOW CENTER LINE, 2 @ 11" C-C	⑩ MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW DIAGONAL LINE @ 75' SPACING OR 5 MIN
⑤ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE TURN LANE	⑪ MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE STOP BAR
⑥ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE DOTTED LINE @ 6' SKIP & 2' DASH	

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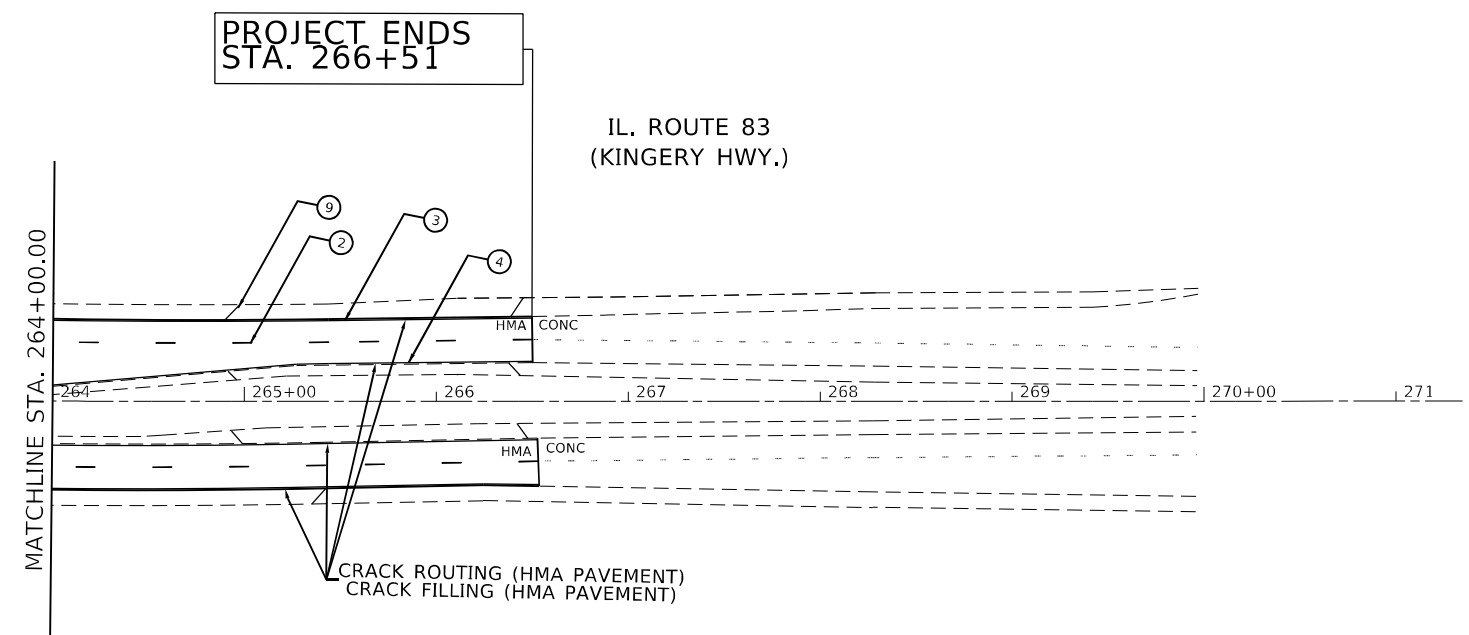
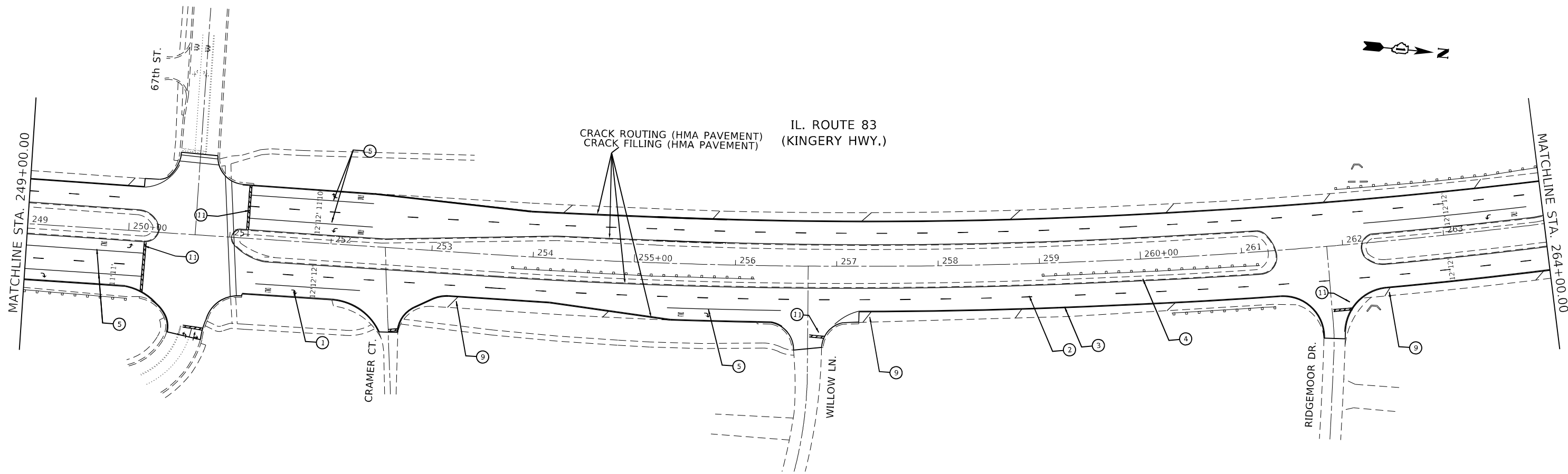
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	DRAWN -	REVISED -
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PLOT DATE = 12/14/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PLAN
IL. ROUTE 83 (N. OF RIDGEMOOR DR. W. TO COOK/DUPAGE CO. LINE)**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 344	FA 0344 22 CJ	DUPAGE	17	11
CONTRACT NO. 62T79				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

① MODIFIED URETHANE PAVEMENT MARKING LETTERS & SYMBOLS, WHITE	⑦ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE CROSSWALK LINE, 2 @ 6' C-C
② MODIFIED URETHANE PAVEMENT MARKING LINE, 4" WHITE LANE LINE @ 30' SKIP & 10' DASH	⑧ MODIFIED URETHANE PAVEMENT MARKING LINE, 8" WHITE SOLID ISLAND LANE
③ MODIFIED URETHANE PAVEMENT MARKING LINE, 4" WHITE EDGE LINE AND PARKING LANES	⑨ MODIFIED URETHANE PAVEMENT MARKING LINE, 12" WHITE DIAGONAL LINE @ 75' SPACING OR 5 MIN
④ MODIFIED URETHANE PAVEMENT MARKING LINE, 4" YELLOW CENTER LINE, 2 @ 11" C-C	⑩ MODIFIED URETHANE PAVEMENT MARKING LINE, 12" YELLOW DIAGONAL LINE @ 75' SPACING OR 5 MIN
⑤ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE TURN LANE	⑪ MODIFIED URETHANE PAVEMENT MARKING LINE, 24" WHITE STOP BAR
⑥ MODIFIED URETHANE PAVEMENT MARKING LINE, 6" WHITE DOTTED LINE @ 6' SKIP & 2' DASH	

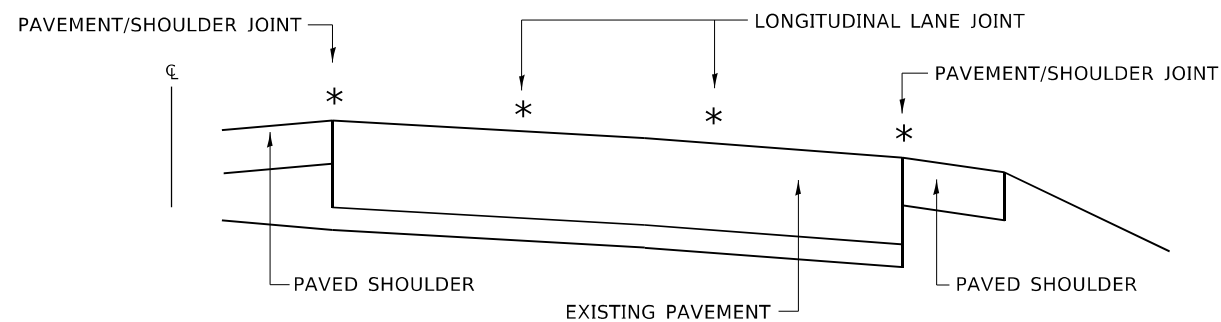
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USER NAME = Farnan,Tariq	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = 12/14/2023	CHECKED -	REVISED -
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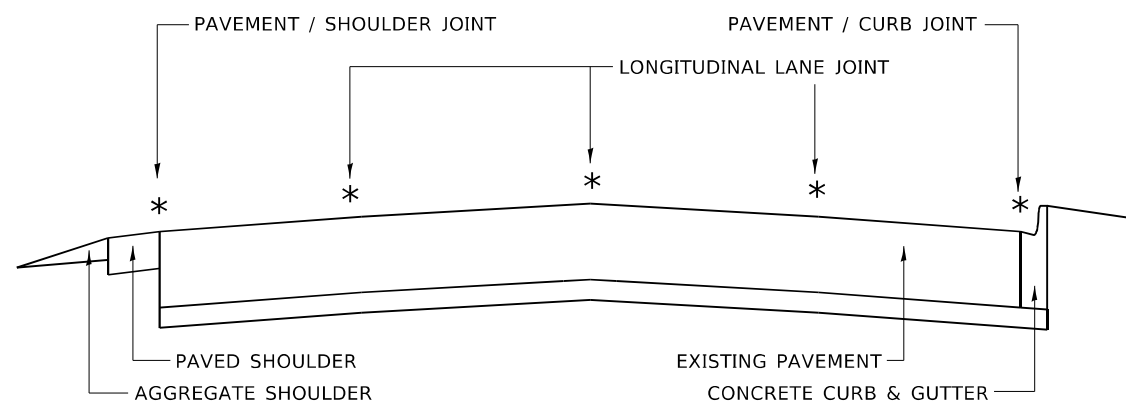
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY PLAN
IL. ROUTE 83 (N. OF RIDGEMOOR DR. W. TO COOK/DUPAGE CO. LINE)
 SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

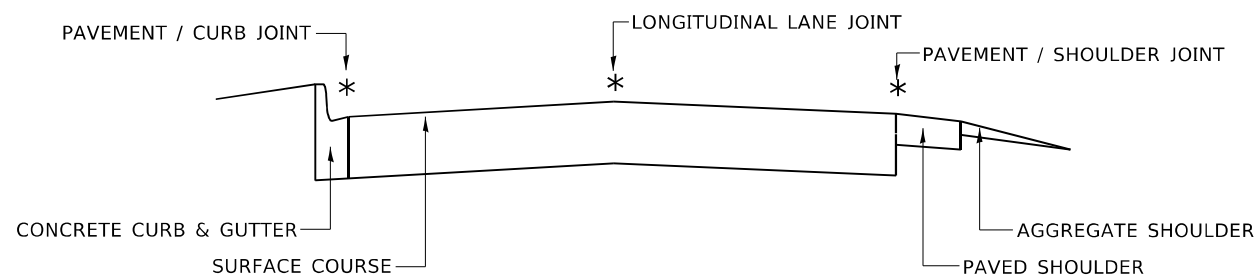
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FAP 344	FA 0344 22 CJ	DUPAGE	17	12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62T79	



MULTI-LANE DIVIDED PAVEMENT



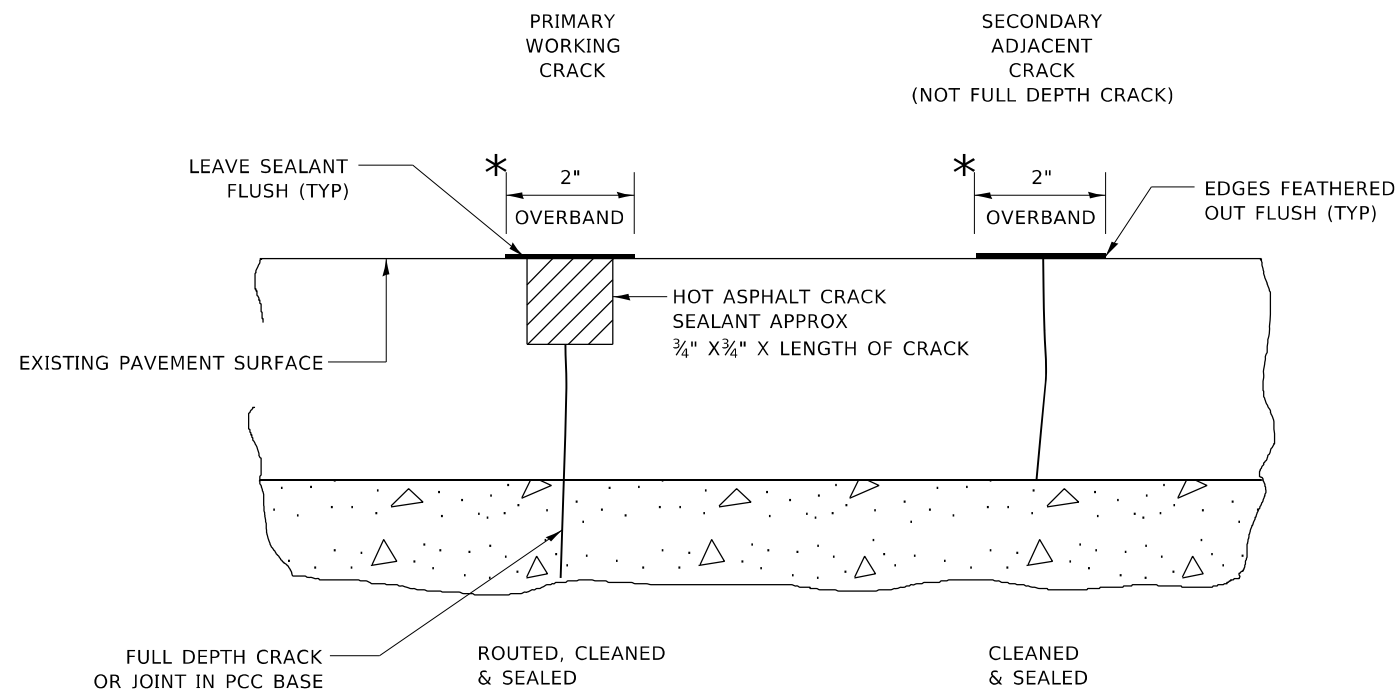
MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

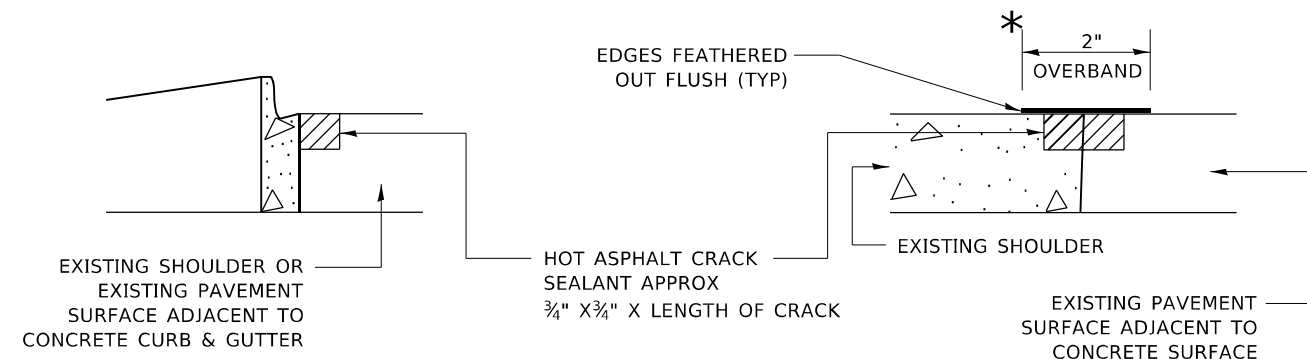
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**GENERAL EXISTING TYPICAL SECTIONS
(APPLIES TO HMA AND PCC PAVEMENTS)**



* IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH MODIFIED URETHANE PAVEMENT MARKINGS.

LONGITUDINAL JOINT



CRACK & JOINT SEALING DETAIL

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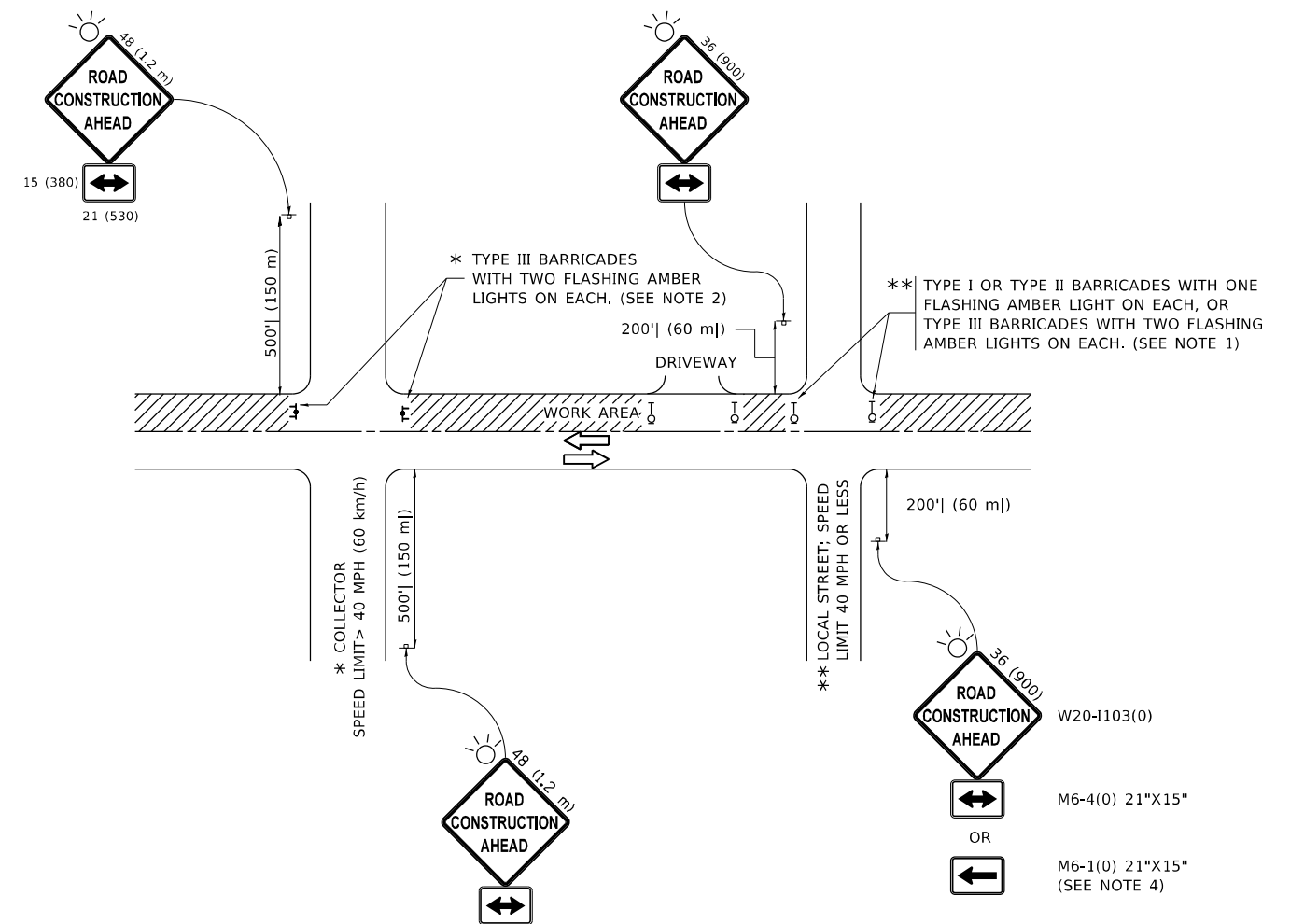
USER NAME = ashraf.abidrabou	DESIGNED - F. Aqueel / A. Midy	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/14/2023	DATE - 10/08/2020	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CRACK & JOINT SEALING DETAIL (PD-11)

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	FA 0344 22 CJ	DUPAGE	17	13
CONTRACT NO. 62T79				
ILLINOIS FED. AID PROJECT				



NOTES:

- SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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USER NAME = ashraf.abidrabou	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 12/14/2023	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	FA 0344 22 CJ	DUPAGE	17	14
TC-10			CONTRACT NO. 62T79	
ILLINOIS FED. AID PROJECT				

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

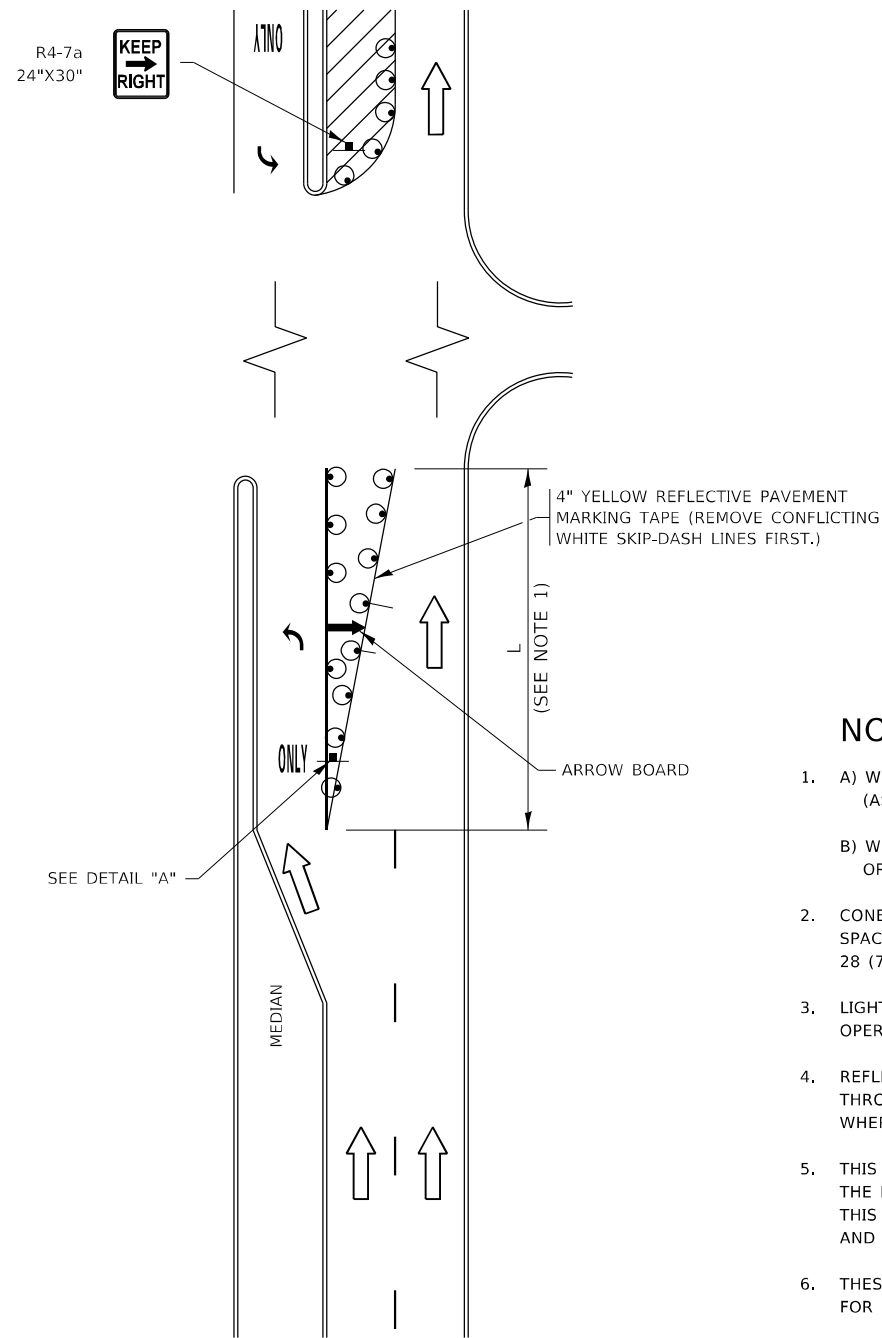


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

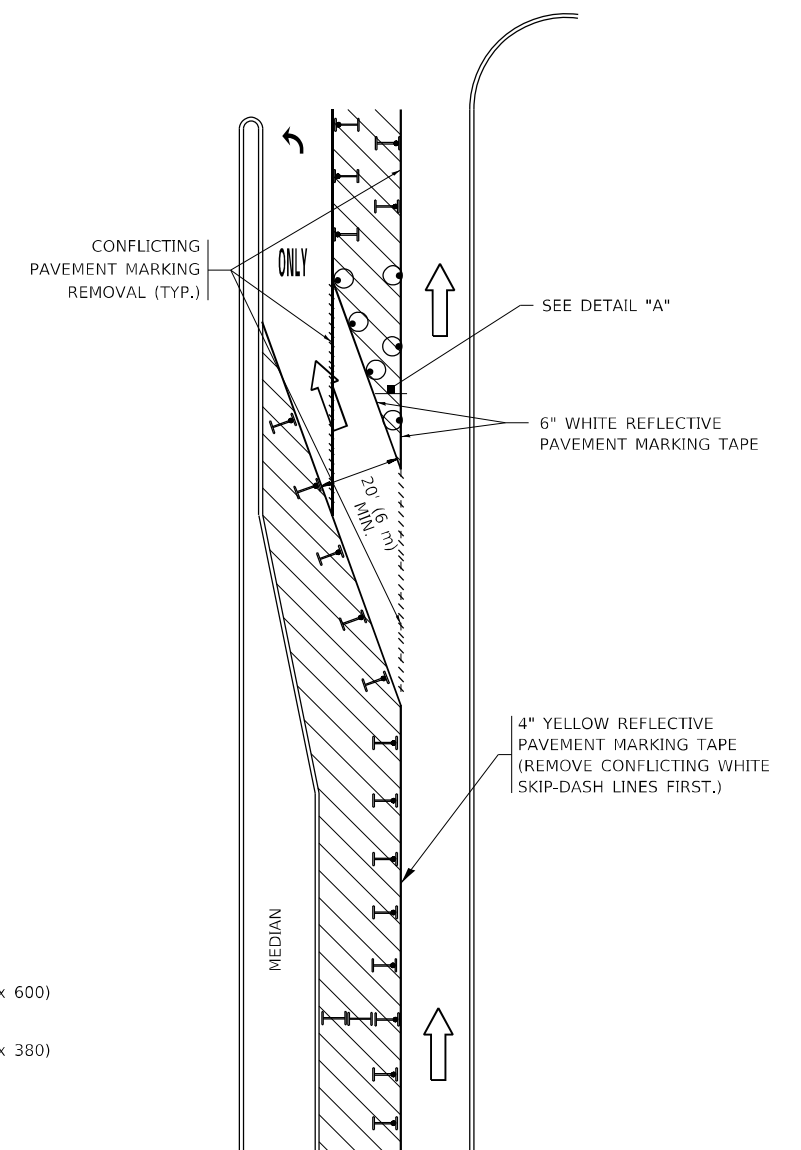
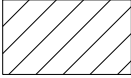








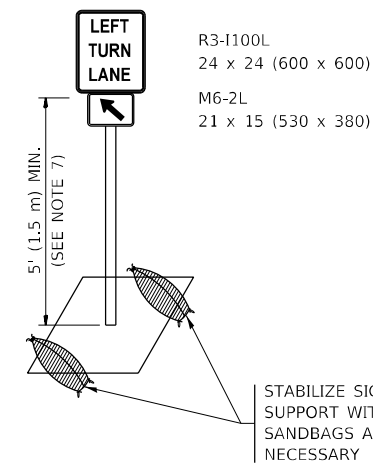
FIGURE 2

LEGEND

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  ARROW BOARD
-  TYPE I OR II BARRICADE OR DRUM WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  SIGN ASSEMBLY
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-1100R 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.



DETAIL A

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

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USER NAME = ashraf.abdirabou	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 12/14/2023	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
344	FA 0344 22 CJ	DUPAGE	17	16
TC-14			CONTRACT NO. 62T79	
ILLINOIS FED. AID PROJECT				

