

130

04-26-2019 LETTING ITEM 130

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
**PROPOSED
 HIGHWAY PLANS**

F.A.P. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-CJS	COOK/LAKE	32	1
PROJECT			CONTRACT NO. 62H29	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT IS LOCATED IN THE VILLAGES OF NILES, GLENVIEW, VERNON HILLS, LIBERTYVILLE AND GURNEE

- F.A.P. ROUTE 330/374: IL 21/US 45 (MILWAUKEE AVE.)
- 1) US 41 (SKOKIE HWY) TO NORTH OF WASHINGTON STREET
 - 2) CHURCH ST. TO IL 60
 - 3) GLENVIEW RD. TO HARTS RD.

SECTION: 2018-087-CJS
 PROJECT: STP-T086(999)
 CRACK AND JOINT SEALING
 COOK & LAKE COUNTIES

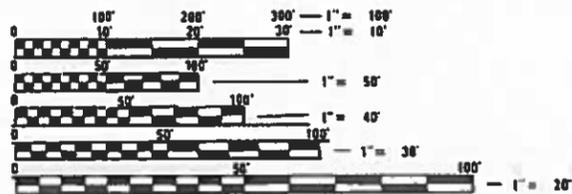
C-91-222-19

TRAFFIC DATA

2017 ADT = 7650 TO 37200

POSTED SPEED LIMIT = 35 TO 45 MPH

SEE SHEETS 4
 FOR LOCATON MAP



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.

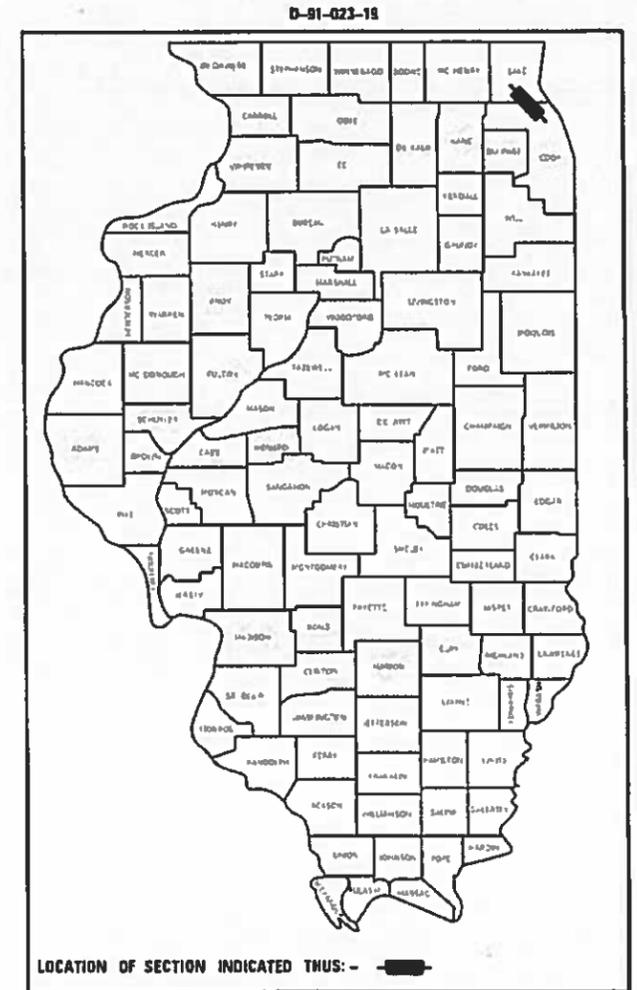
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 611

PROJECT ENGINEER: JEAN A. MIDY (847) 221-3056
 PROJECT MANAGER: FAWAD F. AQUEEL (847) 705-4247

CONTRACT NO. 62H29

ELK GROVE, WHEELING, VERNON, LIBERTYVILLE, WARREN,
 MAINE, NORTHFIELD, DEERFIELD, SHIELDS, WAUKEGAN,
 NILES AND NEW TRIER TOWNSHIPS

GROSS & NET LENGTH OF PROJECT = 54065 FT. = 10.2 MILE



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED January 25, 2019

[Signature]
 REGIONAL ENGINEER

[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2019

[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0005			
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005 COOK CO. LOCATION 1	80% FED 20% STATE 0005 LAKE CO. LOC. 2 & 3		
45100100	CRACK ROUTING (PAVEMENT)	FOOT	320000	166090	153910		
45100200	CRACK FILLING	POUND	192000	99654	92346		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	3	3		
67100100	MOBILIZATION	L SUM	1	0.50	0.50		
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1		1		
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	0.50	0.50		
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.50	0.50		
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	0.50	0.50		
70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	0.50	0.50		
70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	0.50	0.50		
* 78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	5845	2162	3683		
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	160000	78710	81290		
* SPECIALTY ITEM							

SUMMARY OF QUANTITIES			URBAN TOTAL QUANTITIES	CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT		80% FED 20% STATE 0005 COOK CO. LOCATION 1	80% FED 20% STATE 0005 LAKE CO. LOC. 2 & 3		
* 78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	22000	9664	12336		
* 78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	1500		1500		
* 78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	6500	2500	4000		
* 78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	3500	1670	1830		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	154.2	51.4	102.8		

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	PLOT DATE = 2/11/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-CIS	COOK/LAKE	32	3
CONTRACT NO. 62429			REV. - MS	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

TRAFFIC DATA

LOCATION 3

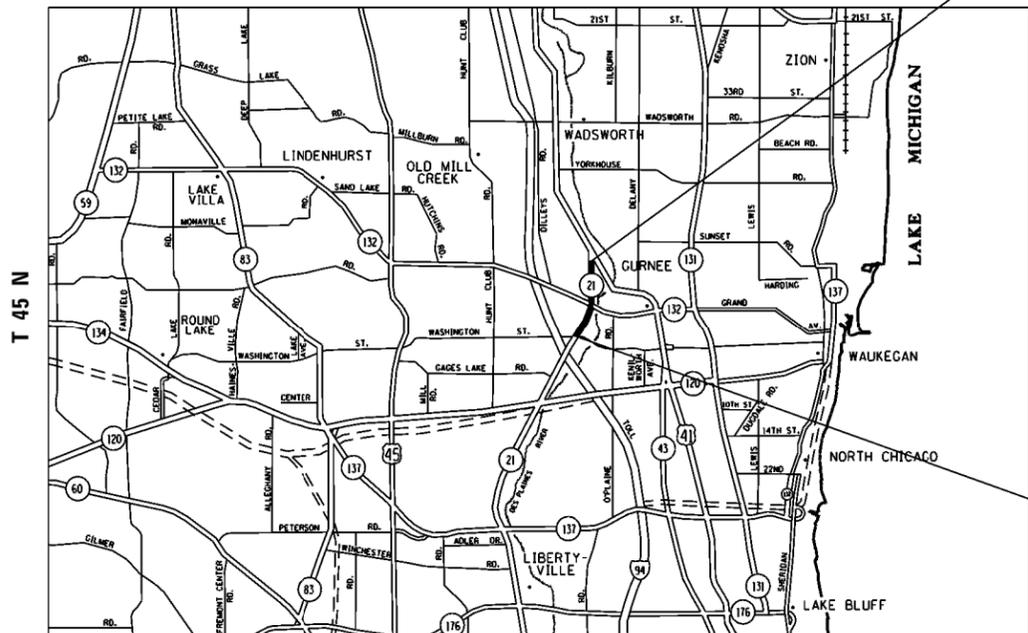
VILLAGE OF GURNEE

2017 ADT = 18800

POSTED SPEED LIMIT = 35 TO 45 MPH

R 11 E

IMPROVEMENT ENDS
STA. 899 + 60



IMPROVEMENT BEGINS
STA. 808 + 50

WARREN TOWNSHIP

TRAFFIC DATA

2017 ADT = 37200

POSTED SPEED LIMIT = 35 TO 45 MPH

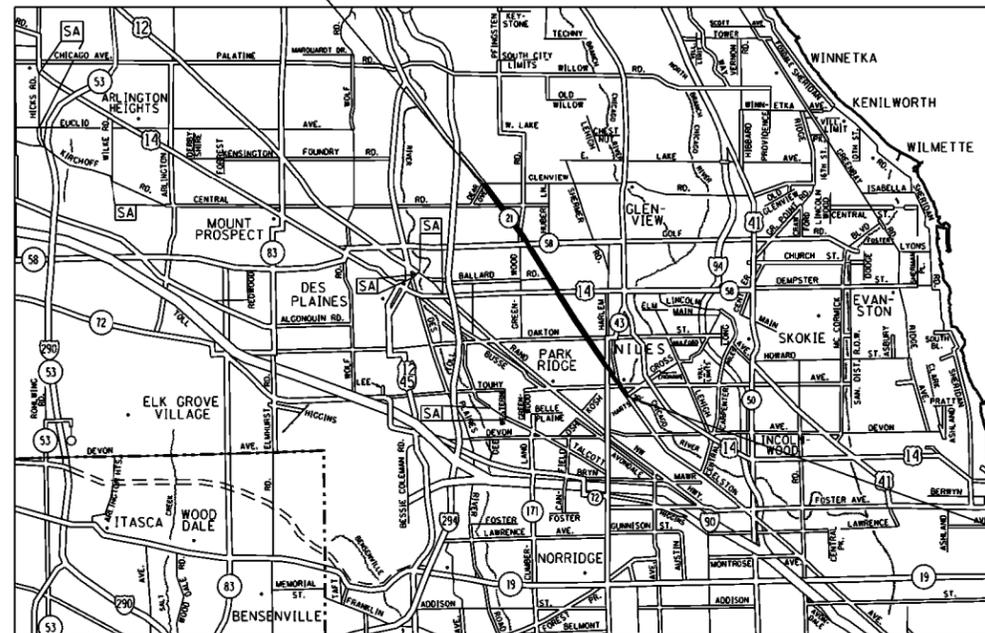
R 12 E / R 13 E

OMISSION

STA. 148 + 02 TO 148 + 75
STA. 208 + 85 TO 209 + 90

IMPROVEMENT ENDS
STA. 290 + 10

LOCATION 1
VILLAGES OF NILES
AND GLENVIEW



IMPROVEMENT BEGINS
STA. 9 + 65

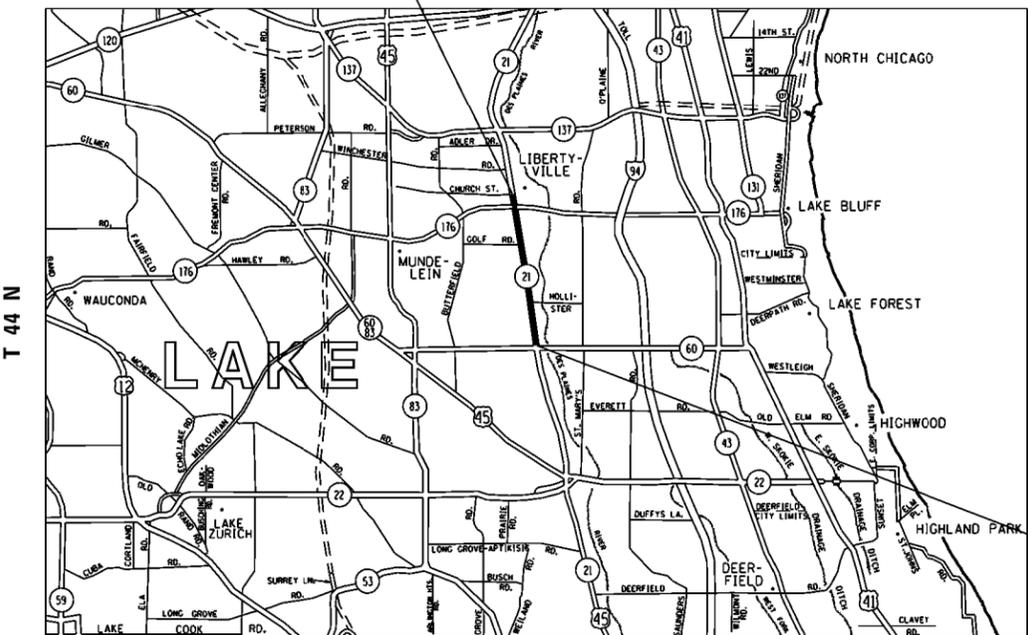
MAINE, NORTHFIELD, NILES & NEW TRIER TOWNSHIPS

T 45 N

IMPROVEMENT ENDS
STA. 676 + 20

R 11 E

LOCATION 2
VILLAGES OF LIBERTYVILLE
AND VERNON HILLS



IMPROVEMENT BEGINS
STA. 507 + 10

LIBERTYVILLE TOWNSHIP

TRAFFIC DATA

2017 ADT = 29900

POSTED SPEED LIMIT = 35 TO 40 MPH

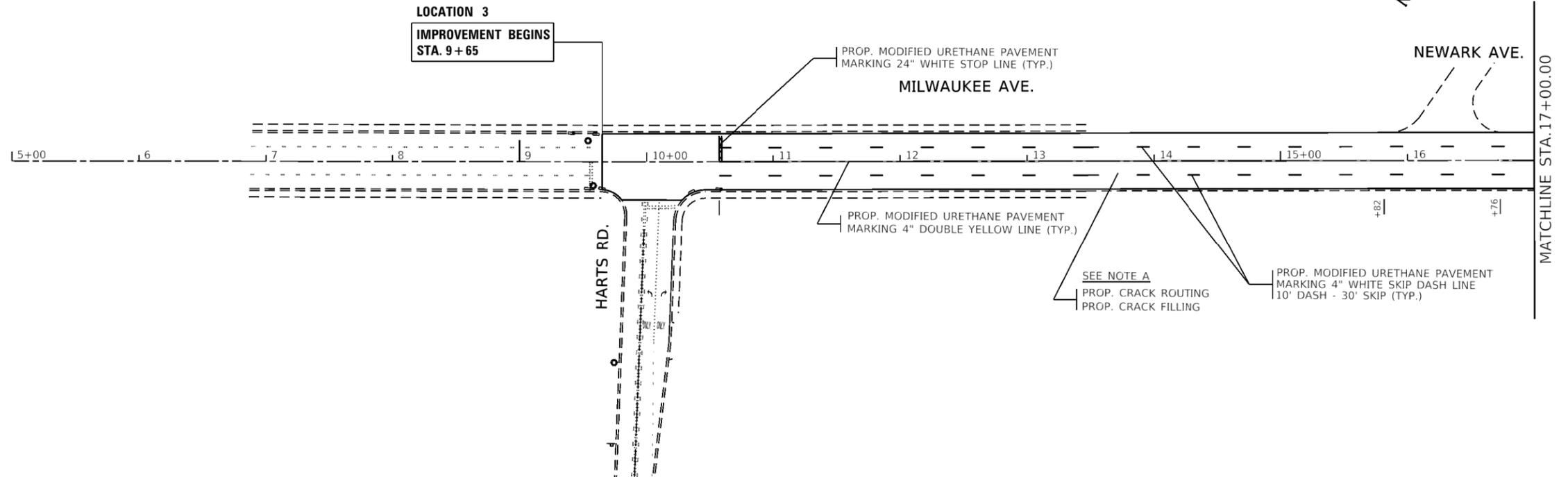
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP
IL 21 / US 45 (MILWAUKEE AVENUE)

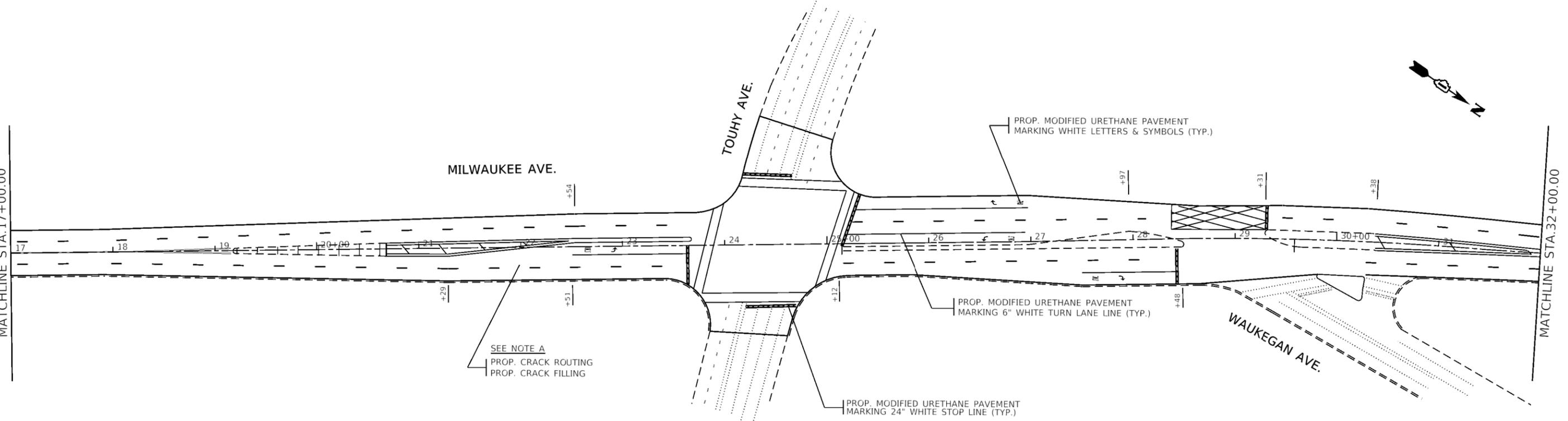
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-C15	COOK/LAKE	32	4
CONTRACT NO. 62H29			ILLINOIS FED. AID PROJECT	

MATCHLINE STA. 5+00.00 Ext. -300.00



MATCHLINE STA. 17+00.00



NOTE A

ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

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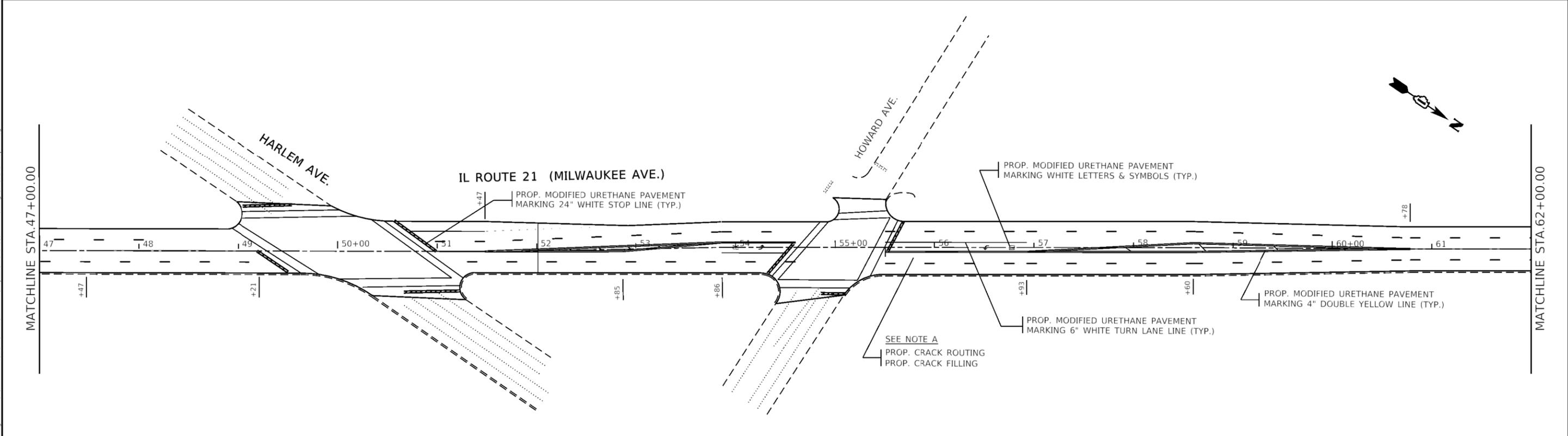
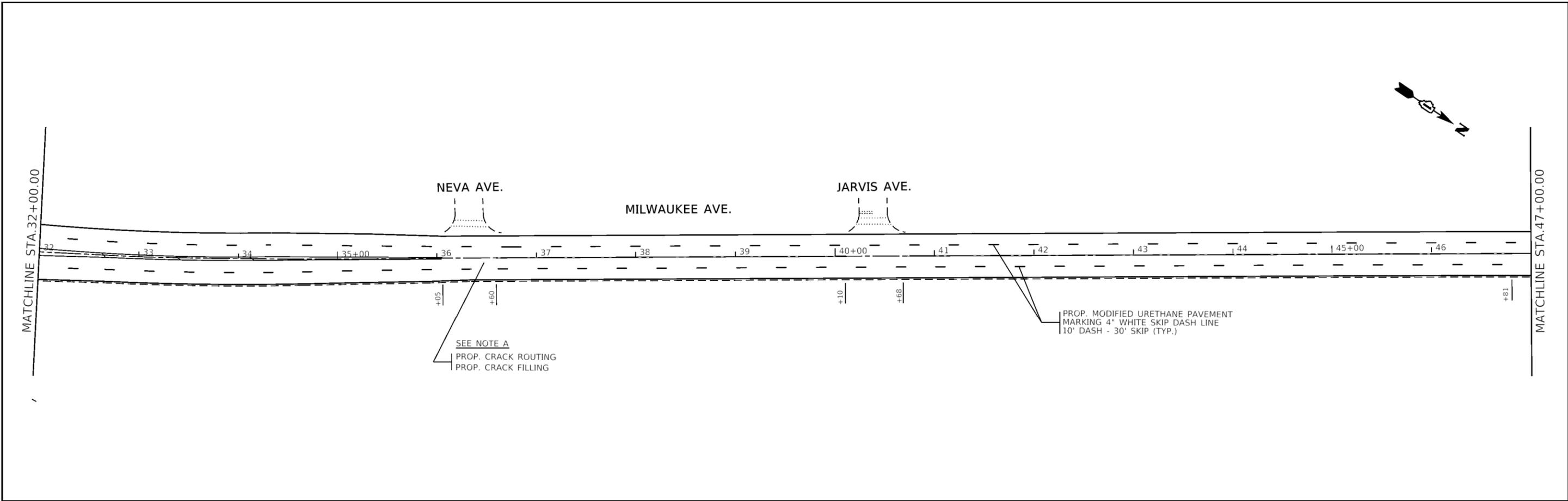
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PLOT DATE = 1/31/2019	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.
PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H29	



NOTE A
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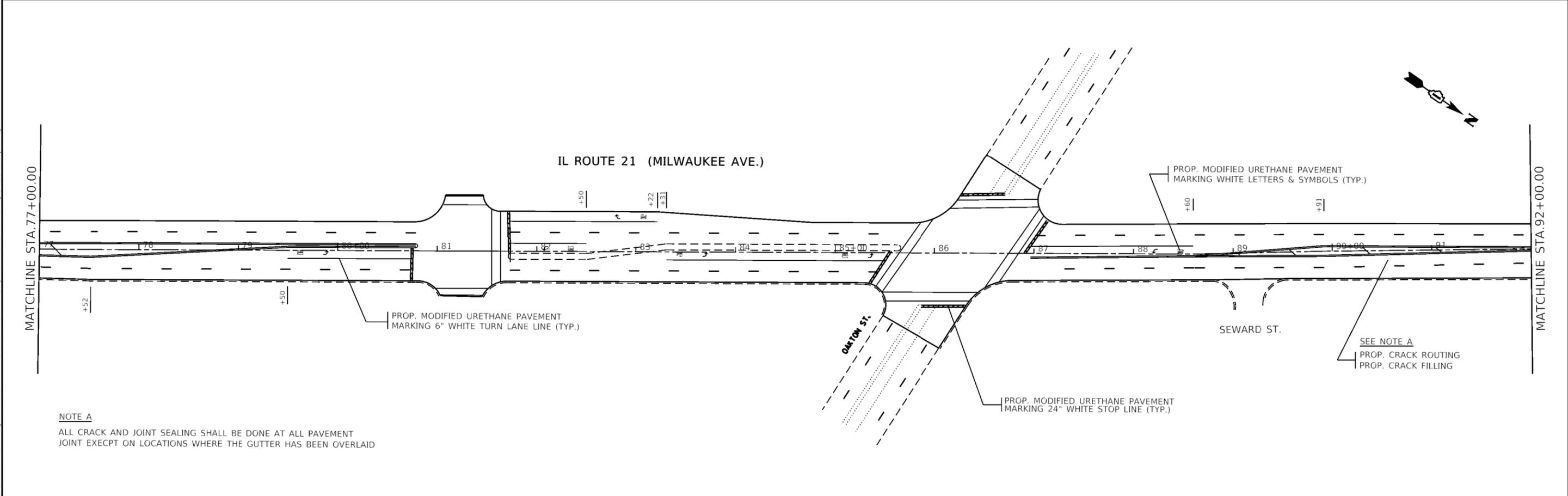
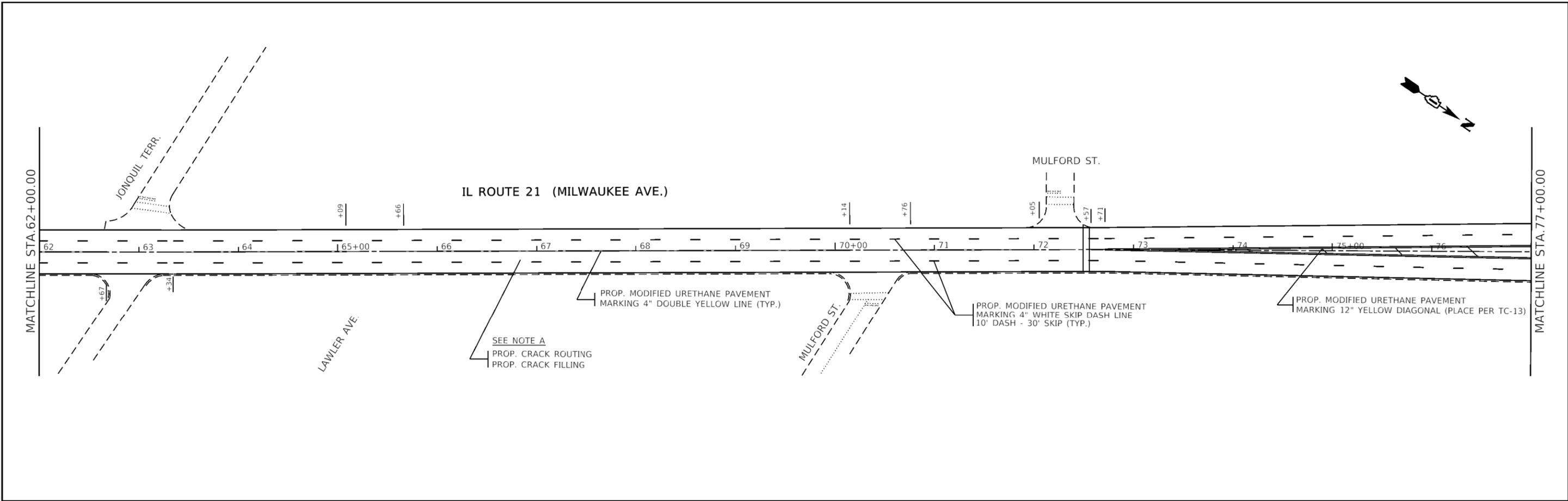
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.	
PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 6
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62H29



NOTE A
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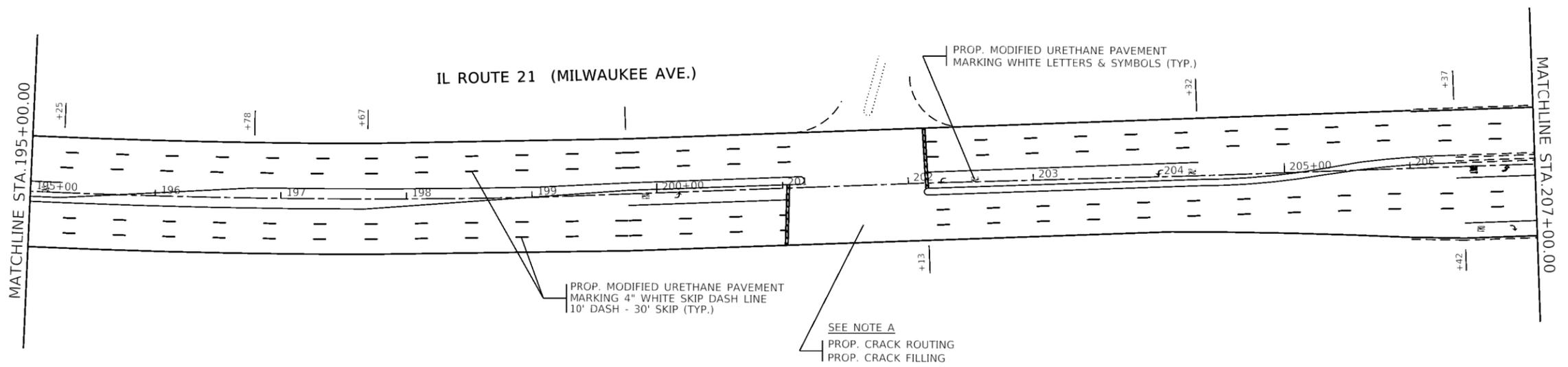
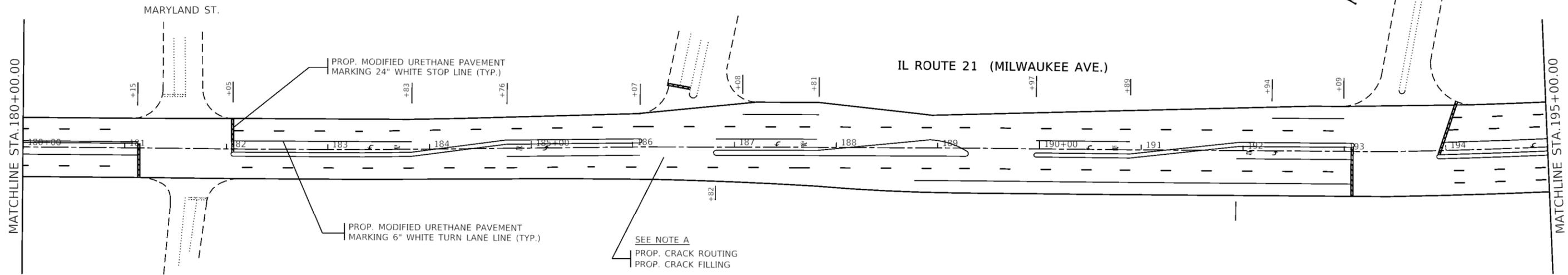
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PLOT DATE = 1/29/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.
 PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/COOK	TOTAL SHEETS 32	SHEET NO. 7
CONTRACT NO. 62H29			ILLINOIS FED. AID PROJECT	



NOTE A
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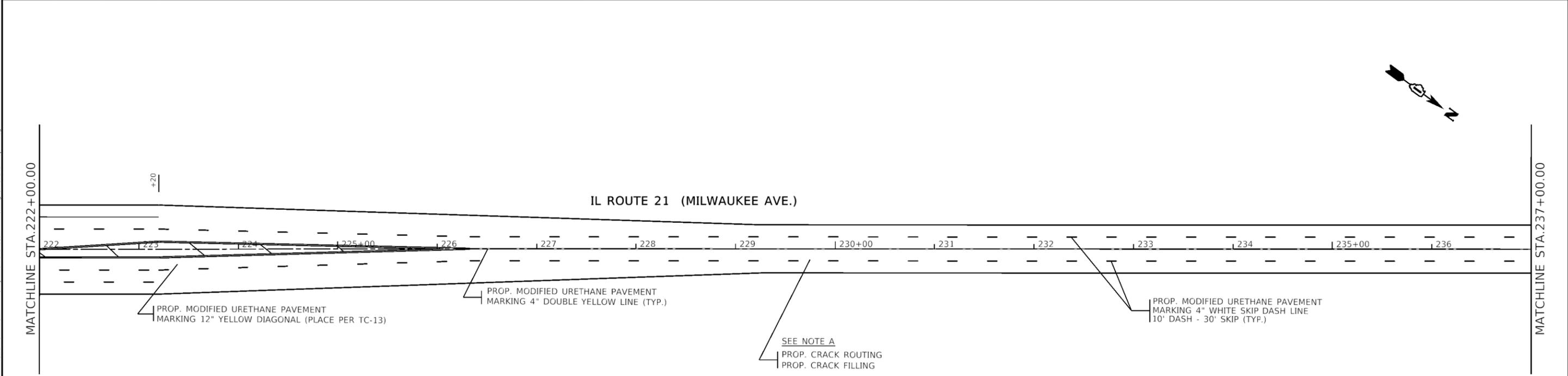
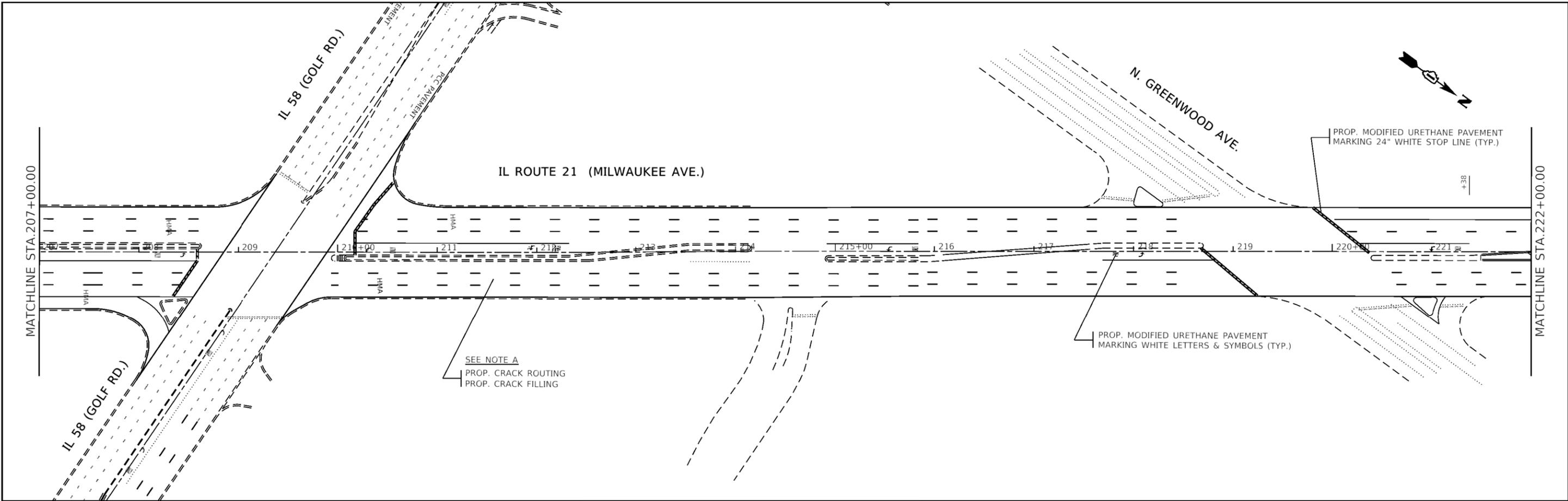
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PLOT DATE = 1/29/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.
 PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H29	



NOTE A
 ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

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PLOT DATE = 1/31/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.	
PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN	
SCALE:	SHEET OF SHEETS STA. TO STA.

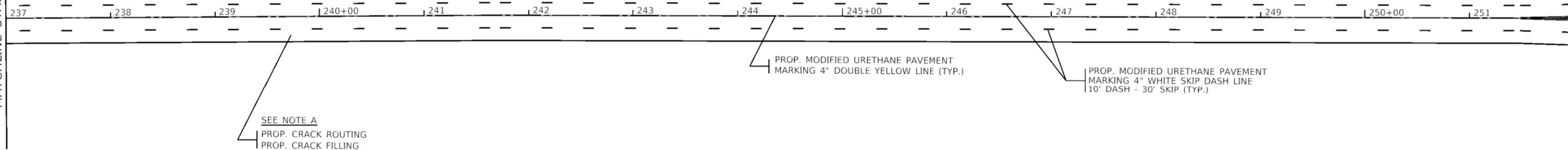
F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 12
ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H29	



MATCHLINE STA. 237+00.00

IL ROUTE 21 (MILWAUKEE AVE.)

MATCHLINE STA. 252+00.00



SEE NOTE A
PROP. CRACK ROUTING
PROP. CRACK FILLING

PROP. MODIFIED URETHANE PAVEMENT
MARKING 4" DOUBLE YELLOW LINE (TYP.)

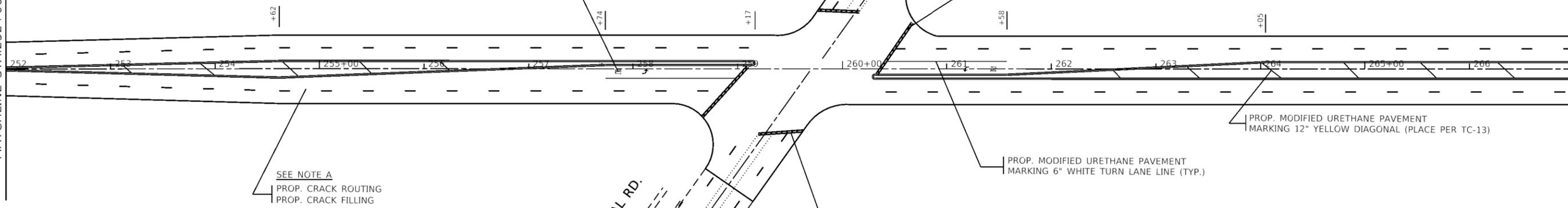
PROP. MODIFIED URETHANE PAVEMENT
MARKING 4" WHITE SKIP DASH LINE
10' DASH - 30' SKIP (TYP.)



MATCHLINE STA. 252+00.00

IL ROUTE 21 (MILWAUKEE AVE.)

MATCHLINE STA. 267+00.00



SEE NOTE A
PROP. CRACK ROUTING
PROP. CRACK FILLING

PROP. MODIFIED URETHANE PAVEMENT
MARKING WHITE LETTERS & SYMBOLS (TYP.)

PROP. MODIFIED URETHANE PAVEMENT
MARKING 24" WHITE STOP LINE (TYP.)

PROP. MODIFIED URETHANE PAVEMENT
MARKING 12" YELLOW DIAGONAL (PLACE PER TC-13)

PROP. MODIFIED URETHANE PAVEMENT
MARKING 6" WHITE TURN LANE LINE (TYP.)

PROP. MODIFIED URETHANE PAVEMENT
MARKING 24" WHITE STOP LINE (TYP.)

NOTE A

ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT
JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

CENTRAL RD.
30'

MODEL: Default
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DATE: 1/29/2019

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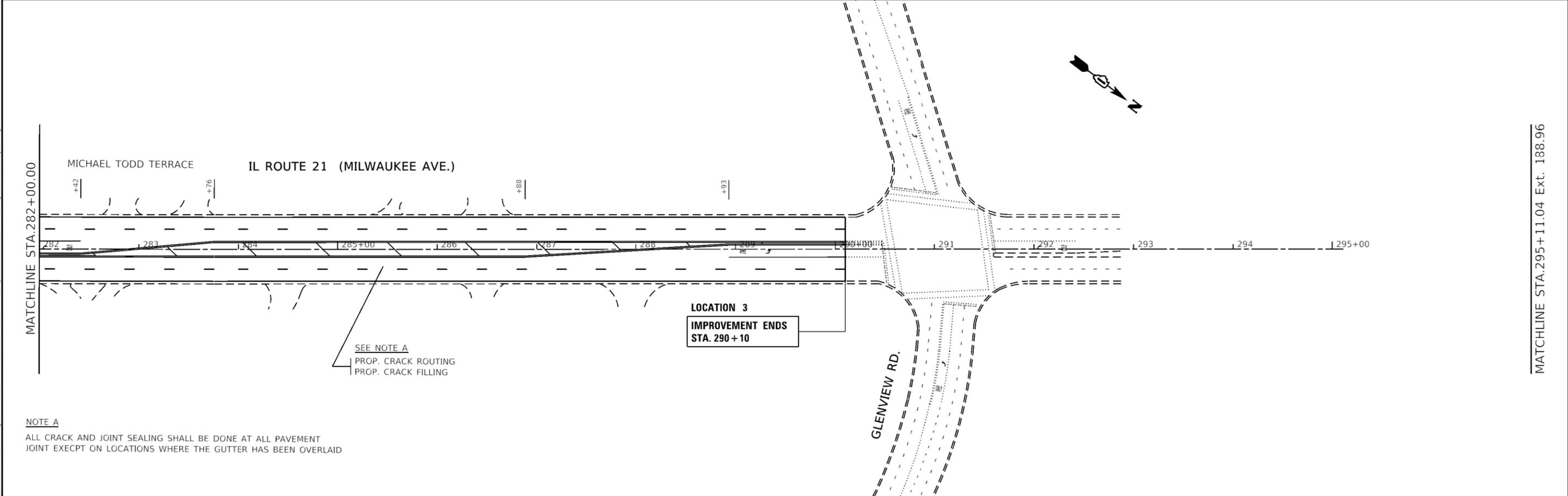
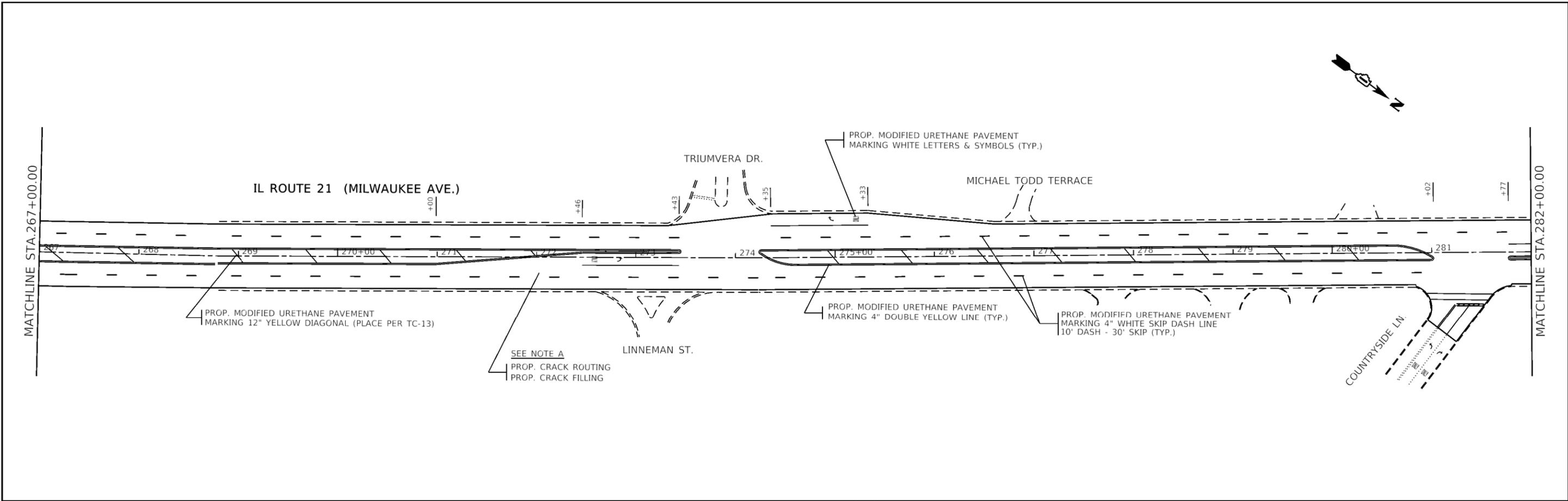
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.
PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-C15	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 13
ILLINOIS			FED. AID PROJECT	

CONTRACT NO. 62H29



NOTE A
 ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

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PLOT DATE = 1/31/2019	DATE -	REVISED -

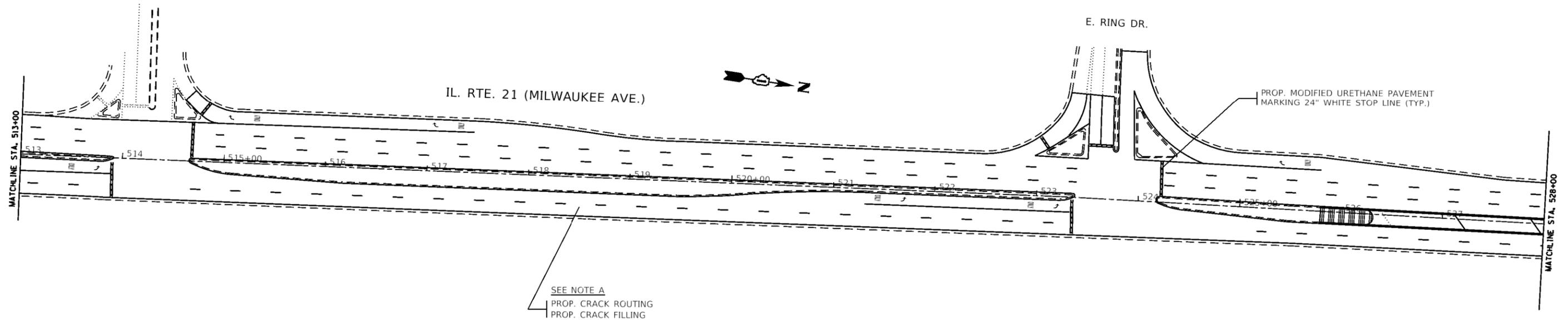
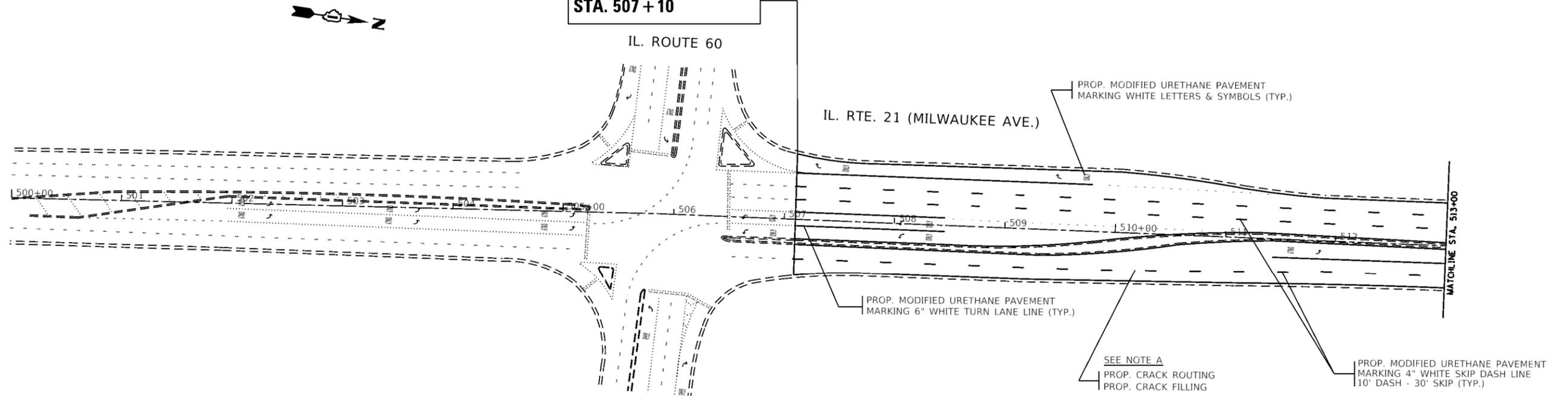
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL ROUTE 21 (MILWAUKEE RD.) GLENVIEW RD. TO HARTS RD.
PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLAN

F.A.P. RTE. 330/374	SECTION 2018-087-CIS	COUNTY LAKE/ COOK	TOTAL SHEETS 32	SHEET NO. 14
			CONTRACT NO. 62H29	
		ILLINOIS FED. AID PROJECT		

SCALE: SHEET OF SHEETS STA. TO STA.

**LOCATION 2
IMPROVEMENT BEGINS
STA. 507+10**



NOTE A
ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

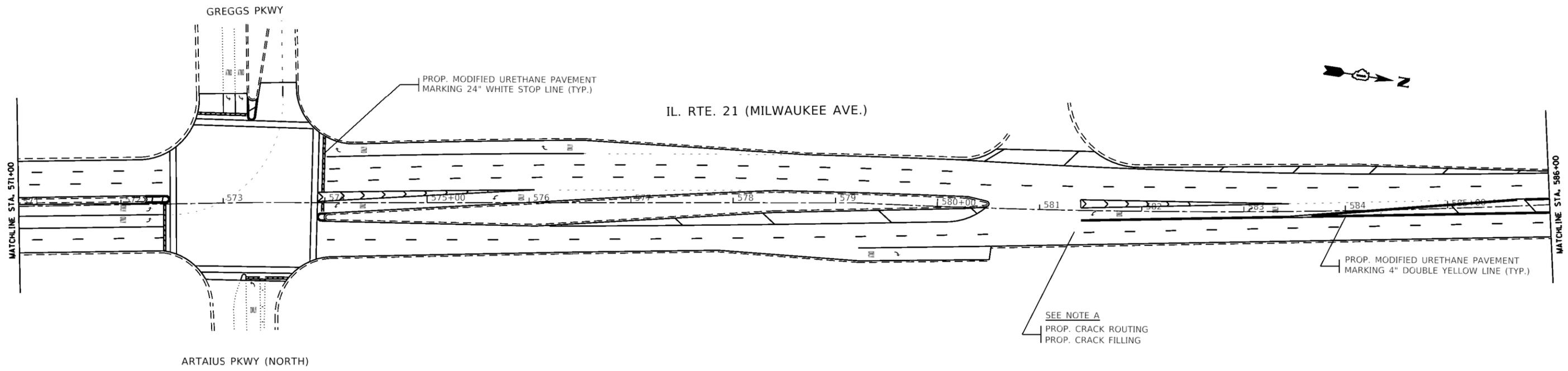
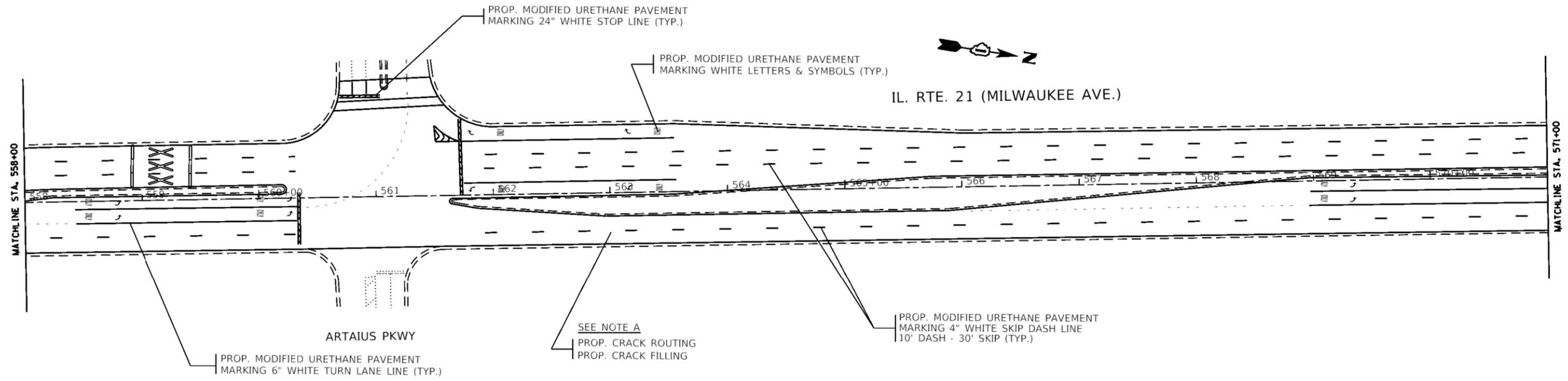
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLANS
IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST.**

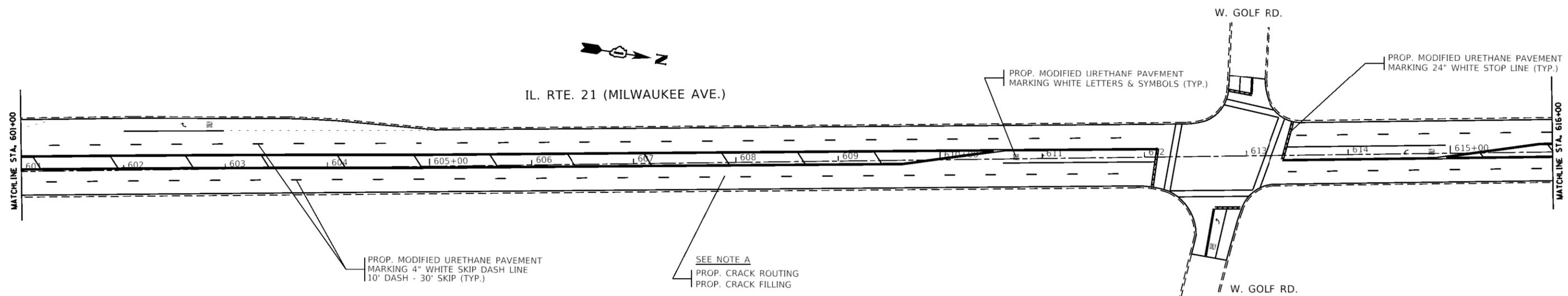
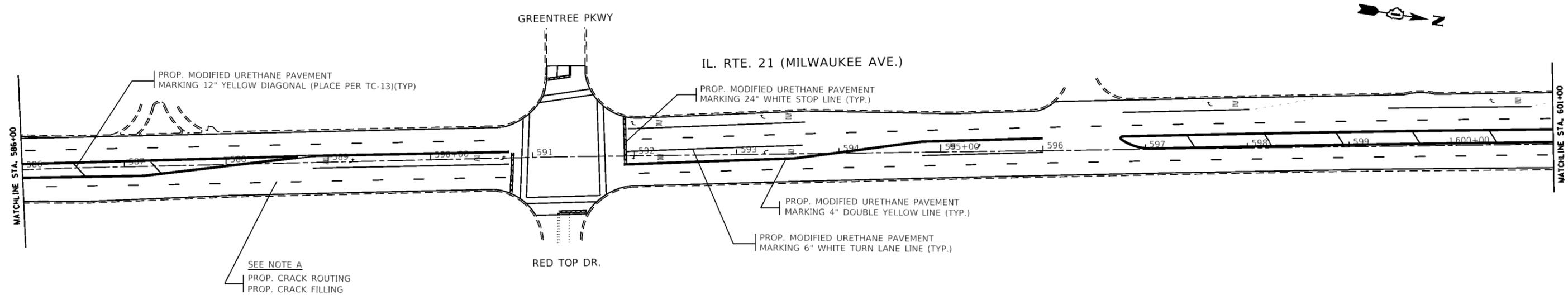
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-CJS	COOK/LAKE	32	15
CONTRACT NO. 62H29			ILLINOIS FED. AID PROJECT	



NOTE A
 ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 62H29					
	PLOT DATE = 1/29/2019	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



NOTE A
 ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

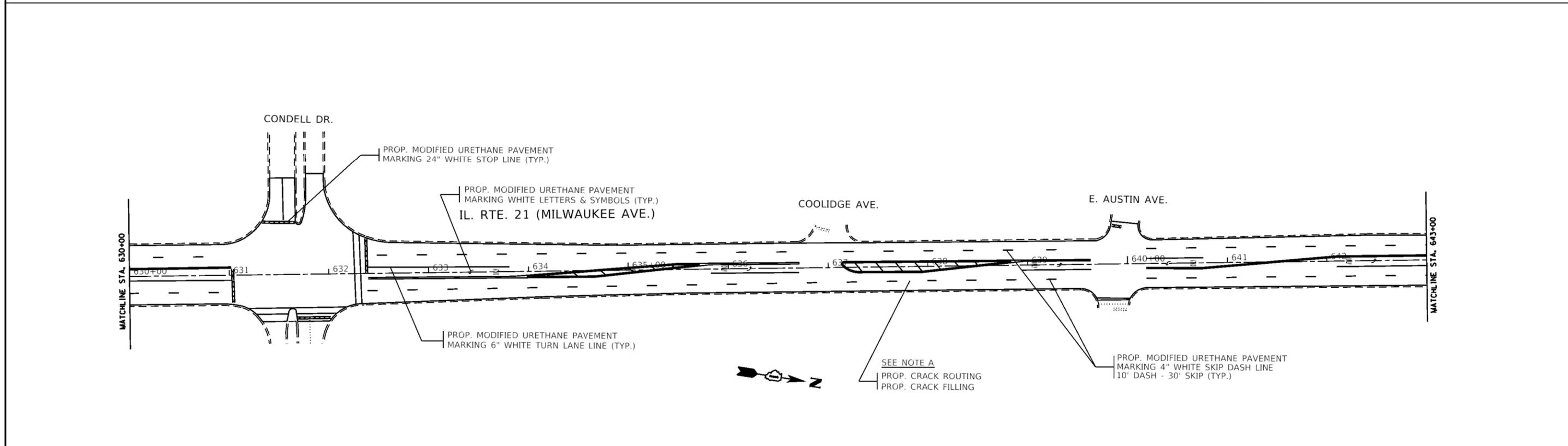
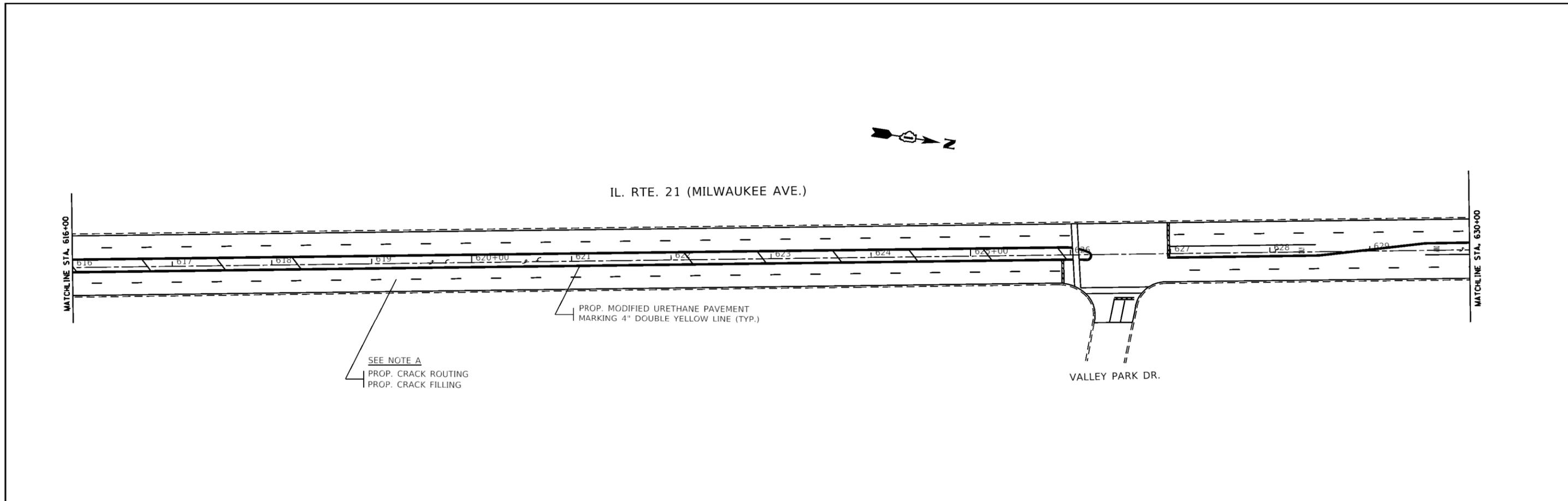
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Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 1/29/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLANS
 IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST.**

SCALE: SHEET OF SHEETS STA. TO STA.

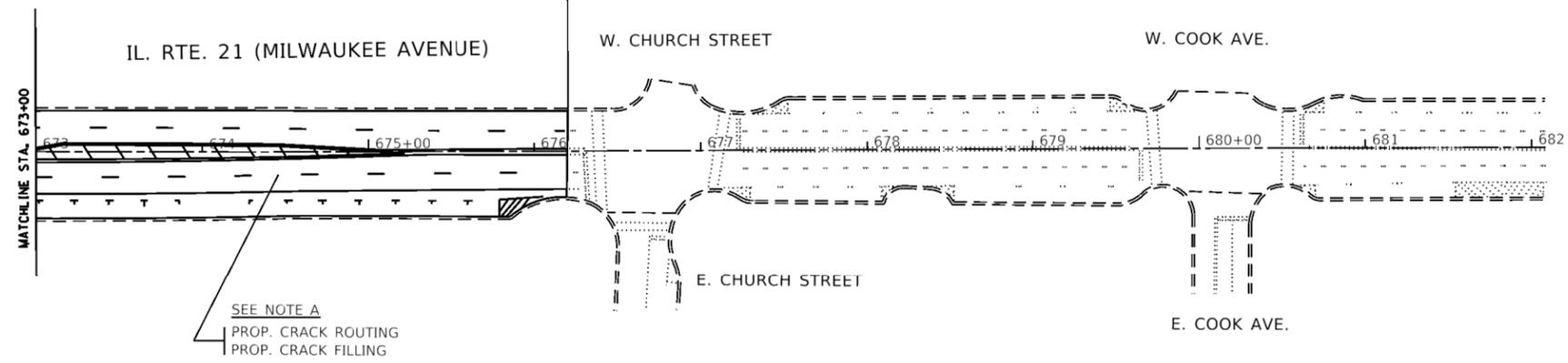
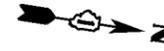
F.A.P. RTE. 330/374	SECTION 2018-087-CJ5	COUNTY COOK/LAKE	TOTAL SHEETS 32	SHEET NO. 18
CONTRACT NO. 62H29			ILLINOIS FED. AID PROJECT	



NOTE A
 ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

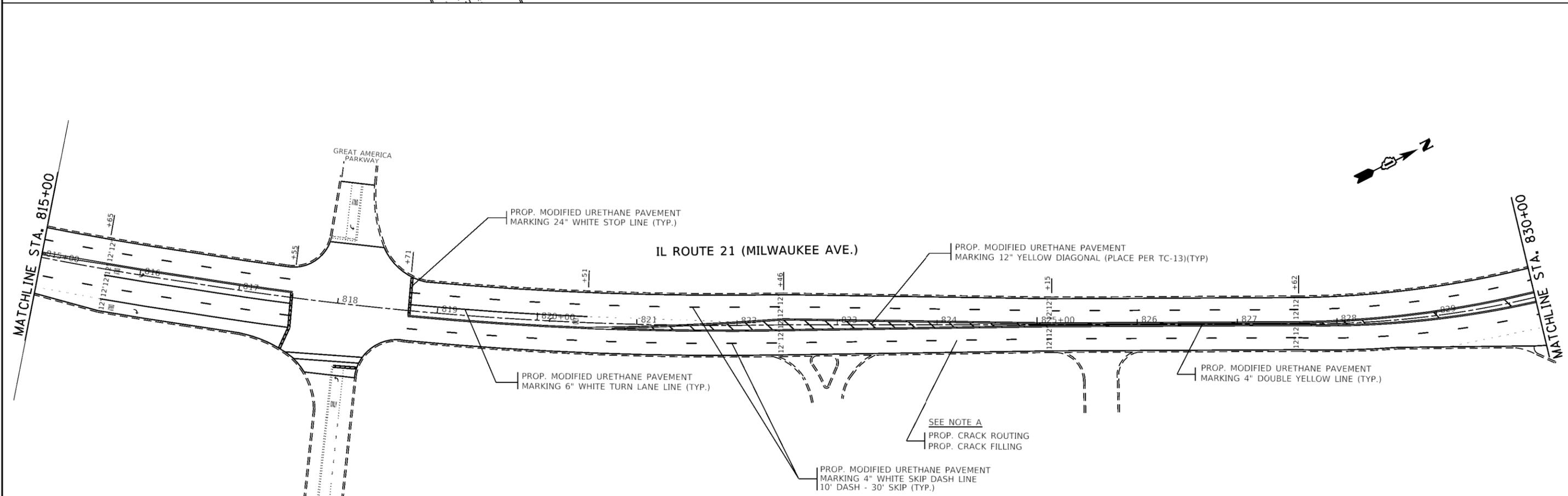
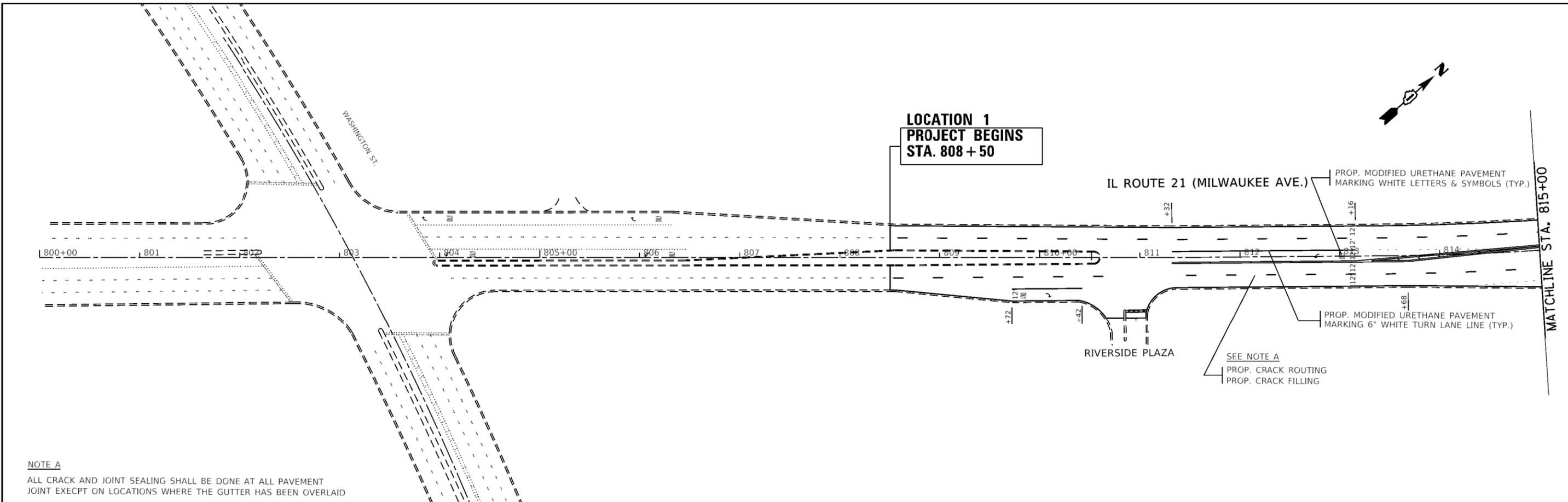
FILE NAME =	USER NAME = gulloumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROP. CRACK SEALING AND PROP. PAVEMENT MARKING PLANS IL RTE 21 (MILWAUKEE AVE.) FROM IL RTE 60 TO CHURCH ST.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\il\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\DI02319\02319-01\02319-01-01\02319-01-01-01\02319-01-01-01-01.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			330/374	2018-087-CJS	COOK/LAKE	32	19	
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -			CONTRACT NO. 62H29					
						ILLINOIS FED. AID PROJECT					

**LOCATION 2
IMPROVEMENT ENDS
STA. 676 + 20**

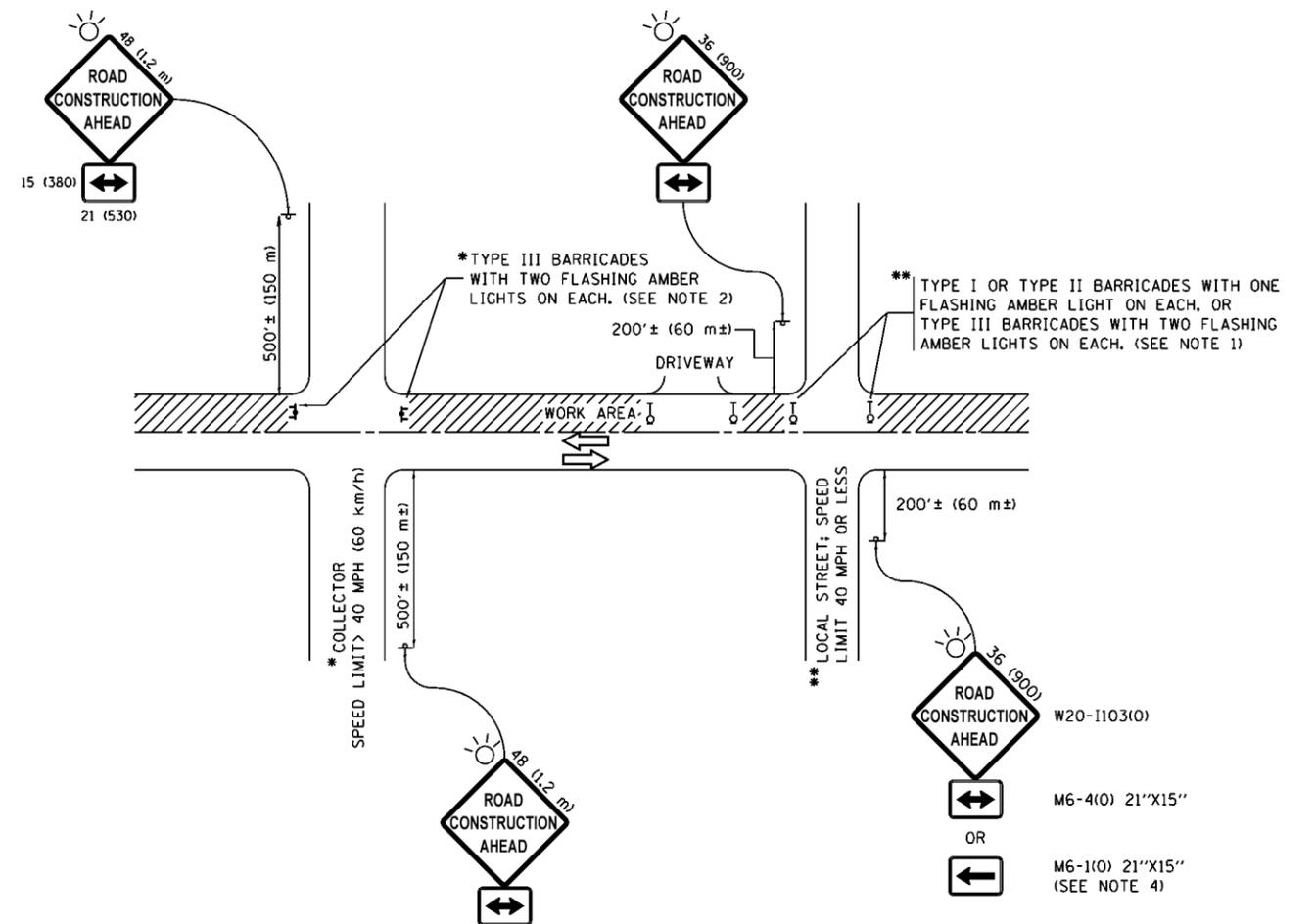


NOTE A
ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT
JOINT EXCEPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			CONTRACT NO. 62H29	ILLINOIS FED. AID PROJECT			
Default	PLOT DATE = 1/31/2019	DATE -	REVISED -	SCALE:	SHEET OF SHEETS	STA. TO STA.				



FILE NAME =	USER NAME = gulloumefp	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROP. CRACK SEALING AND PAVEMENT MARKING PLAN IL. ROUTE 21 (N. OF WASHINGTON - U.S. ROUTE 41)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\il\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\DI02319\Design\DI02319-shr-plan.c.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -			330/374	2018-087-CJ5	COOK/LAKE	32	22	
Default	PLOT DATE = 1/31/2019	DATE -	REVISED -			CONTRACT NO. 62H29					
						ILLINOIS FED. AID PROJECT					



NOTES:

1. 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:
 - a) 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.
 - b) 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.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) 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.
 - b) 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.
3. 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.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. 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.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. 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.

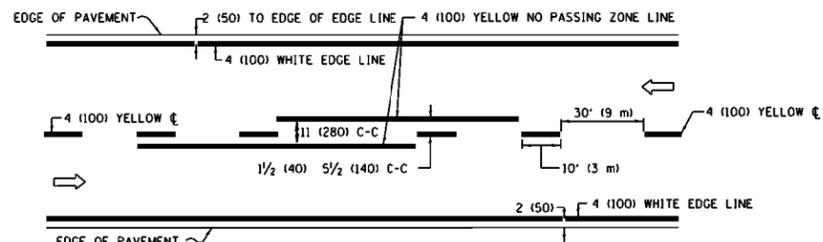
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p:\IL\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\1023\084EBID\Design\DistStd.dgn			REVISED - T. RAMMACHER 01-06-00
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
	PLOT DATE = 1/29/2019	DATE - 06-89	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

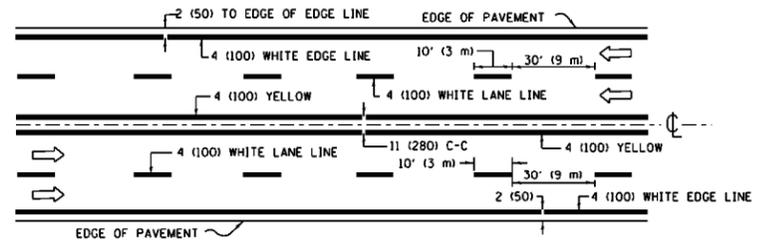
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

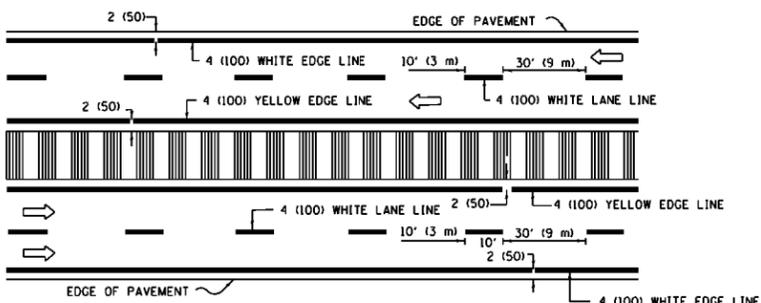
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-CJS	COOK/LAKE	32	27
TC-10		CONTRACT NO. 62H29		
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

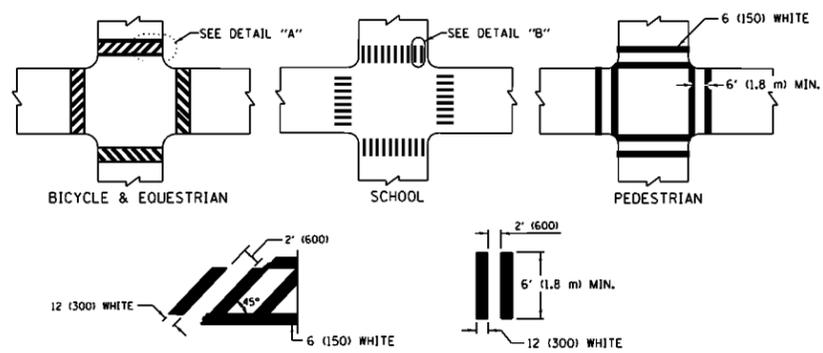


MULTI-LANE UNDIVIDED



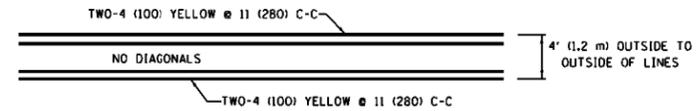
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

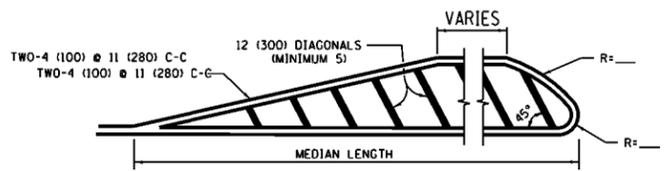


TYPICAL CROSSWALK MARKING

* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



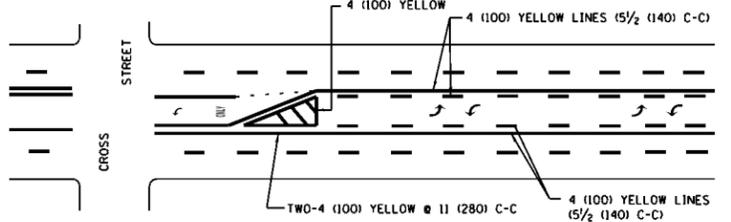
4' (1.2 m) WIDE MEDIANS ONLY



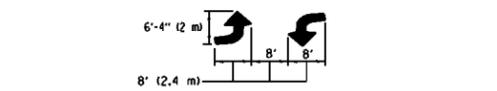
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

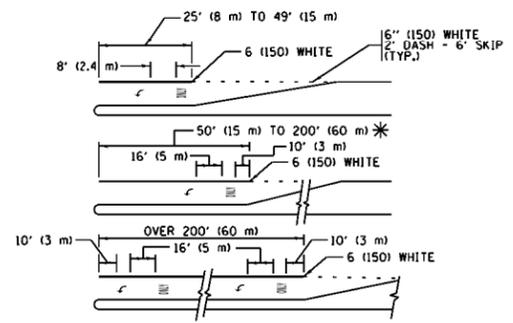
MEDIANS OVER 4' (1.2 m) WIDE



A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

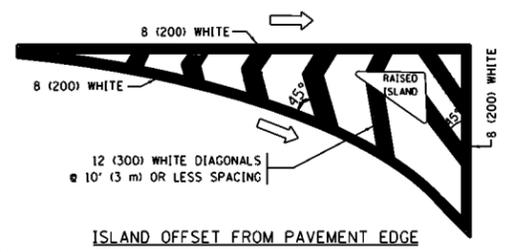


MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

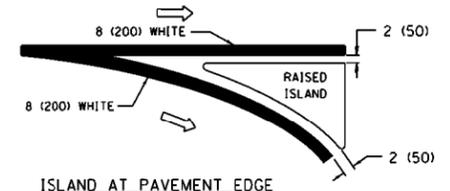


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
AREA = 15.6 SQ. FT. (1.5 m²) AREA = 20.8 SQ. FT. (1.9 m²)
* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

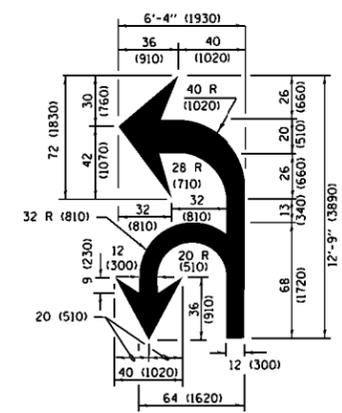
TYPICAL LEFT (OR RIGHT) TURN LANE TYPICAL TURN LANE MARKING



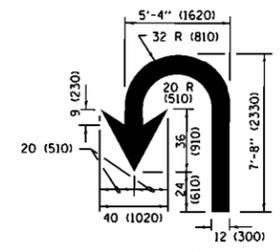
ISLAND OFFSET FROM PAVEMENT EDGE



ISLAND AT PAVEMENT EDGE TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

* LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5/2 (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE.
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW; TWO WAY TRAFFIC WHITE; ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
CORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ²) EACH "X"=54.0 SQ. FT. (5.0 m ²)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

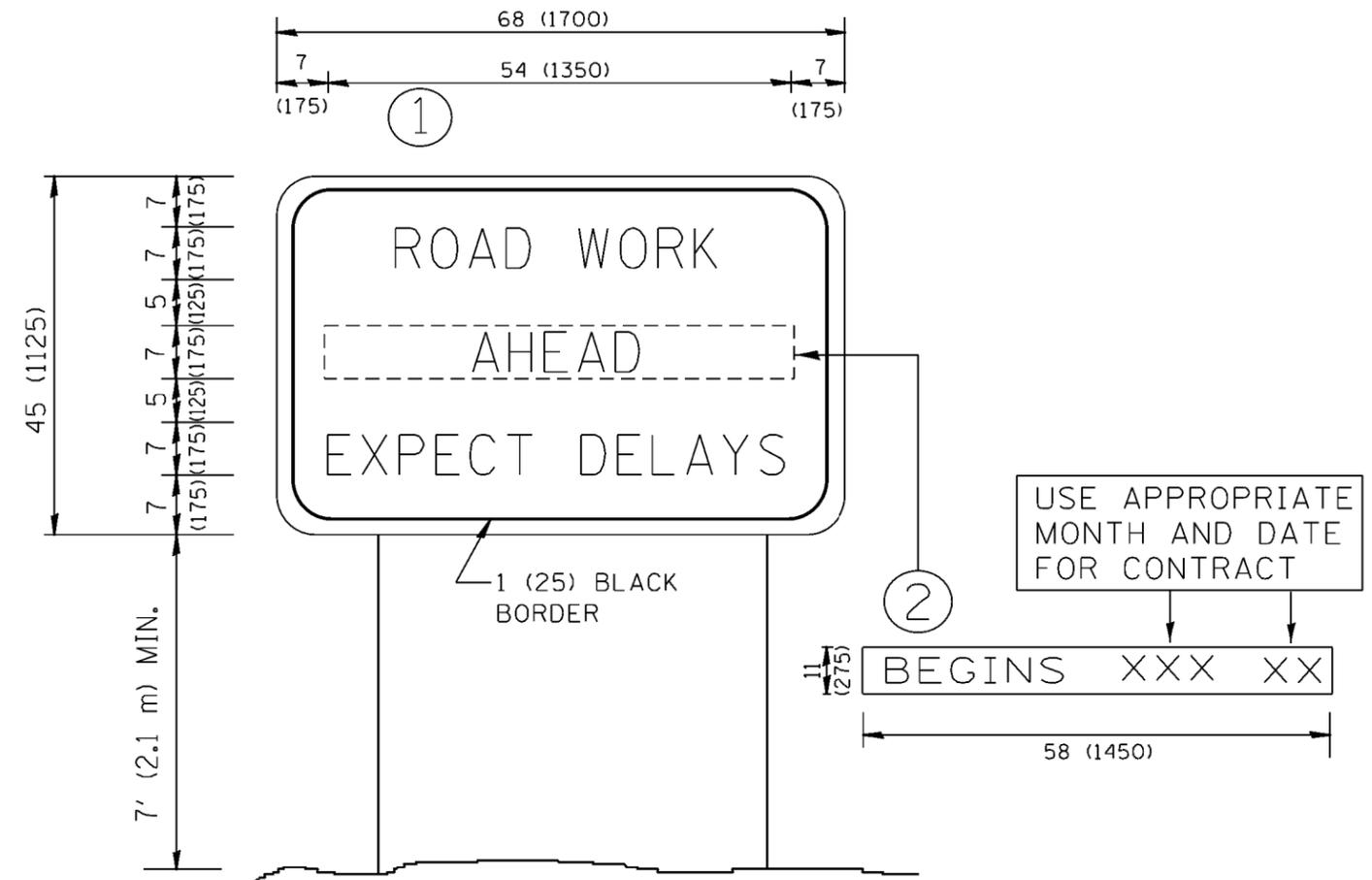
All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = gulloumefp	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
pwi\IL084EBID\INTEG\illinois.gov\PIWID\Documents\IDOT Offices\District 1\Projects\DI023\BMD\Design\DistStd.dgn			REVISED - C. JUCIUS 07-01-13
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
	PLOT DATE = 1/29/2019	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS			
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE. 330/374	SECTION 2018-087-CJS	COUNTY COOK/LAKE	TOTAL SHEETS 32	SHEET NO. 28
TC-13		CONTRACT NO. 62H29		
ILLINOIS FED. AID PROJECT				



NOTES:

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

FILE NAME =	USER NAME = gulloumefp	DESIGNED -	REVISED - R. MIRS 09-15-97
pw\l\084EBID\INTEG\illinois.gov\FWIDOT\Documents\IDOT Offices\District 1\Projects\DI023\DRM\Info\Design\DistStd.dgn			REVISED - R. MIRS 12-11-97
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
	PLOT DATE = 1/29/2019	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.R. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330/374	2018-087-CJS	COOK/LAKE	32	30
TC-22		CONTRACT NO. 62H29		
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

