04-26-2019 LETTING ITEM 130

FOR INDEX OF SHEETS, SEE SHEET NO. 2

2

2

0

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

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION **PROPOSED**

HIGHWAY PLANS

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

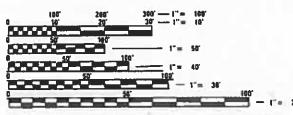
TRAFFIC DATA

2017 ADT = 7650 TO 37200 POSTED SPEED LIMIT = 35 TO 45 MPH

SEE SHEETS 4

FOR LOCATON MAP

C-91-222-19



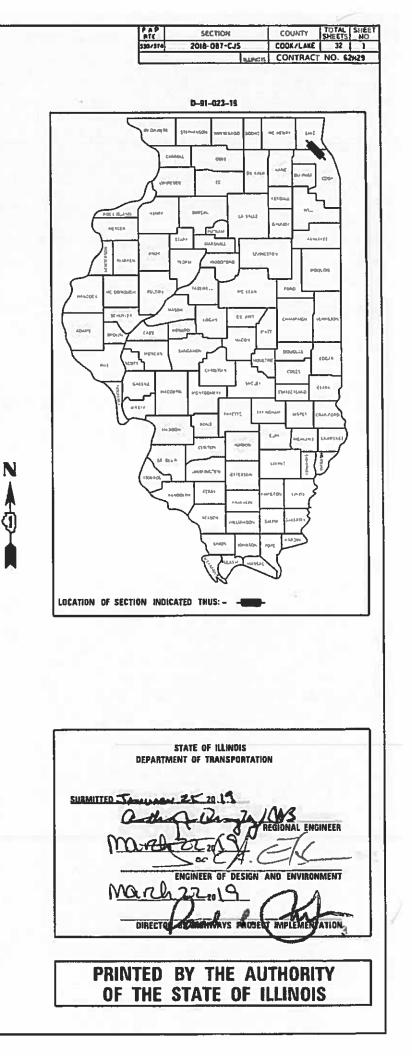
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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 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

CONTRACT NO. 62H29



	INDEX OF SHEETS	
SHEET NO.	DESCRIPTION	GENERAL
1	TITLE SHEET	BEFORE STARTING ANY EXCAVATION, THE CO (800) 892-0123 OR 811 FOR FIELD LOCATION
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	GAS UTILITIES. 48 HOUR NOTIFICATION IS
3	SUMMARY OF QUANTITIES	THE CONTRACTOR SHALL COORDINATE CONST OF THE VILLAGES OF NILES, GLENVIEW, VEF
4	LOCATION MAP	ALL DAMAGE TO EXISTING PAVEMENT MARKI
5-25	PROPOSED PLANS AND PAVEMENT MARKING PLANS	OUTSIDE THE REMOVAL LINE SHOWN ON THE COST TO THE DEPARTMENT.
26	CRACK & JOINT SEALING DETAIL	
27	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)	THE CONTRACTOR WILL NOT BE ALLOWED TO PROPERTY WITHOUT WRITTEN PERMISSION F
28	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)	IT SHALL BE THE CONTRACTOR'S RESPONSIE EXISTING IN THE FIELD PRIOR TO CONSTRU
29	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)	THE CONTRACTOR SHALL CONTACT THE DIS KALPANA.KANNAN-HOSADURGA A MINIMUM O
30	ARTERIAL ROAD INFORMATION SIGNING (TC-22)	THE ENGINEER SHALL CONTACT WALTER CZA (847) 438-2300 A MINIMUM OF TWO (2) WEE
31-32	TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKINGS TREATMENT FOR RAILROAD CROSSING (TC-23 а, b)	PERMANENT PAVEMENT MARKINGS.
	TREATMENT FOR RAILROAD CROSSING (TO 25 G, D)	ALL CRACK ROUTING & CRACK SEALING LOC ENGINEER. CRACK ROUTING SHALL BE OMITT REFLECTIVE PAVEMENT MARKERS ARE PRESE
	STANDARDS	MATERIALS RESULTING FROM THE ROUTING PLACED, SHAPED AND COMPACTED TO THE S
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS	AGGREGATE SHOULDERS ADJACENT TO THE F ROUTING OF CRACKS IN PAVEMENTS WITHOU
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY	RESULTING FROM THE ROUTING OF CRACKS WHERE ALL MATERIALS ARE NOT PLACED AL
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≥ 45 MPH	DISPOSED OF AS SPECIFIED IN ARTICLE 203 SEALANTS REMOVED PRIOR TO ROUTING SHA
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING	202.03. THIS WORK WILL NOT BE PAID FO AS INCLUDED IN THE CONTRACT UNIT PRICE

OPERATIONS, FOR SPEEDS < 40 MPH

NON TRAVERSABLE MEDIAN

TRAFFIC CONTROL DEVICES

LEFT TURN LANE

MOUNTABLE MEDIAN

701501-06

701601-09

701602-09

701606-10

701701-10

701801-06

701901-08

URBAN LANE CLOSURE, 2L, 2W UNDIVIDED

SIDEWALK, CORNER OR CROSSWALK CLOSURE

URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH

URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH

URBAN SINGLE LANE CLOSURE, MULTILANE INTERSECTION

URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

	USER NAME = guillaumefp	DESIGNED -	REVISED -		INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES IL 21 /US 45 (MILWAUKEE AVENUE)		F.A.P. BTF	SECTION	COUNTY	TOTAL SHEET					
		DRAWN	REVISED -	STATE OF ILLINOIS			330/374	2018-087-CJS	COOK/LAKE	32 2					
	PLOT SCALE = 100.0000 * / in.	CHECKED	REVISED -	DEPARTMENT OF TRANSPORTATION			10		CONTRACT	NO. 62H29					
2	PLOT DATE = 3/15/2019	DATE -	REVISED =		SCALE:	SHEET	●F	SHEE	TS ST	TA.	TO STA.		ILLINOIS FE	D. AID PROJECT	

L NOTES

CONTRACTOR SHALL CALL "J.U.L.I.E". AT IONS OF BURIED ELECTRIC, TELEPHONE AND S REQUIRED.

ISTRUCTION ACTIVITIES WITH UTILITY COMPANIES

KINGS OR RAISED REFLECTIVE PAVEMENT MARKERS HE PLANS SHALL BE REPLACED AT NO ADDITIONAL

TO SET UP A YARD OR FIELD OFFICE ON STATE FROM THE DEPARTMENT.

SIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS RUCTION AND ORDERING OF MATERIALS.

STRICT ONE TRAFFIC CONTROL SUPERVISOR AT OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

ZARNY AREA TRAFFIC FIELD ENGINEER AT IEEKS PRIOR TO THE PLACEMENT OF

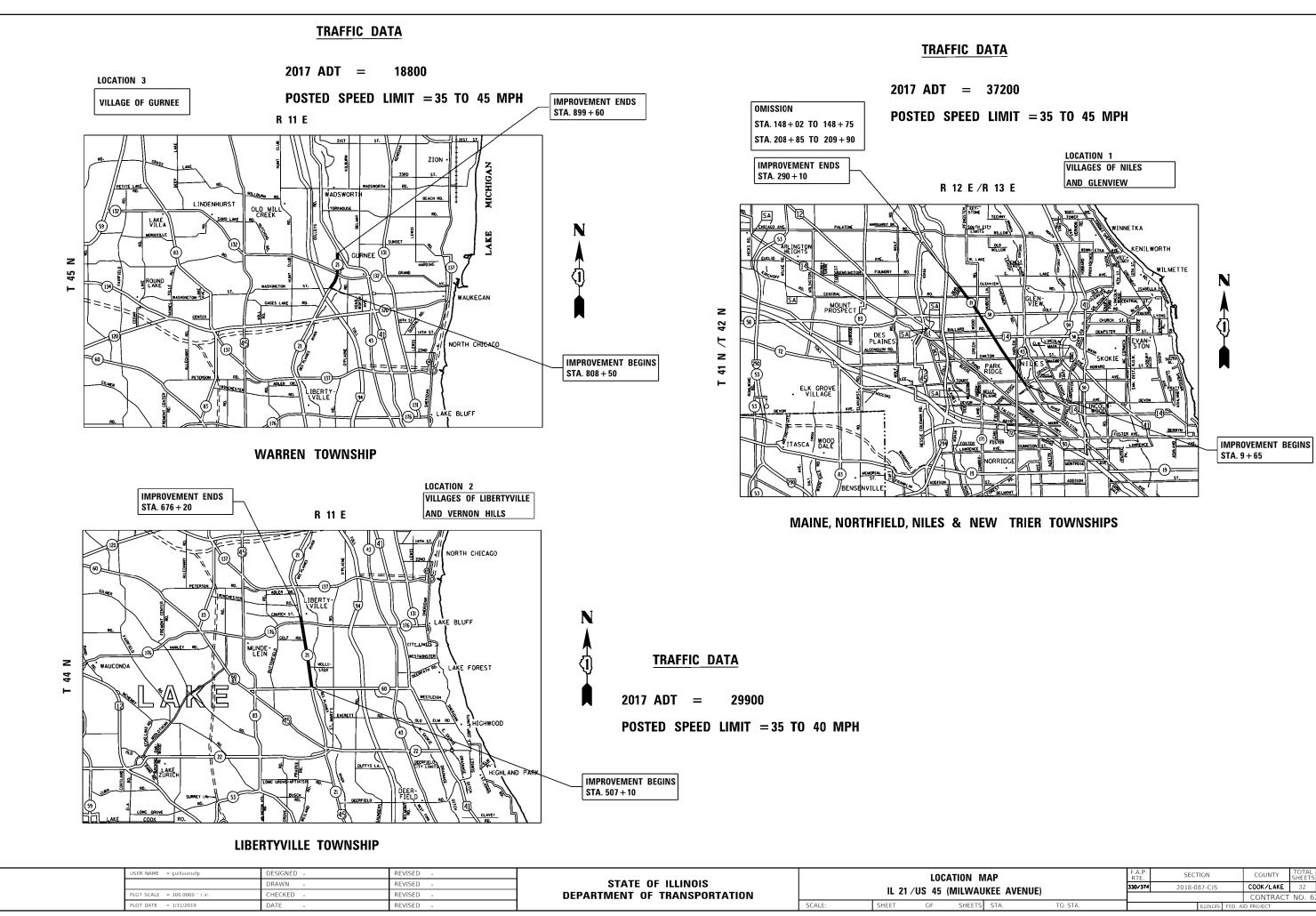
OCATIONS WILL BE DETERMINED IN THE FIELD BY THE TTED WHERE VEHICLE DETECTOR LOOPS & RAISED SENT IN THE PAVEMENT.

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.

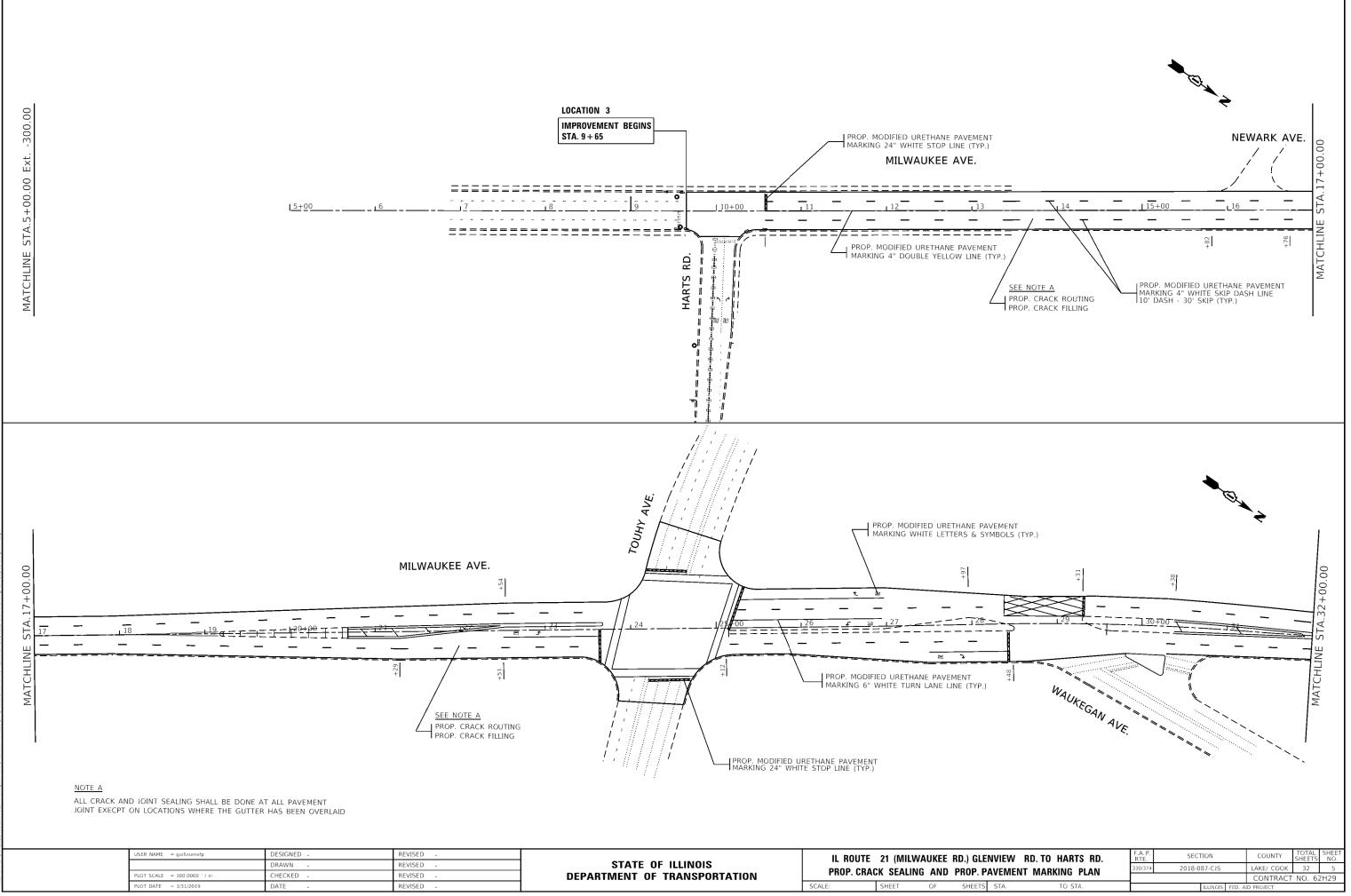
REV. - MS

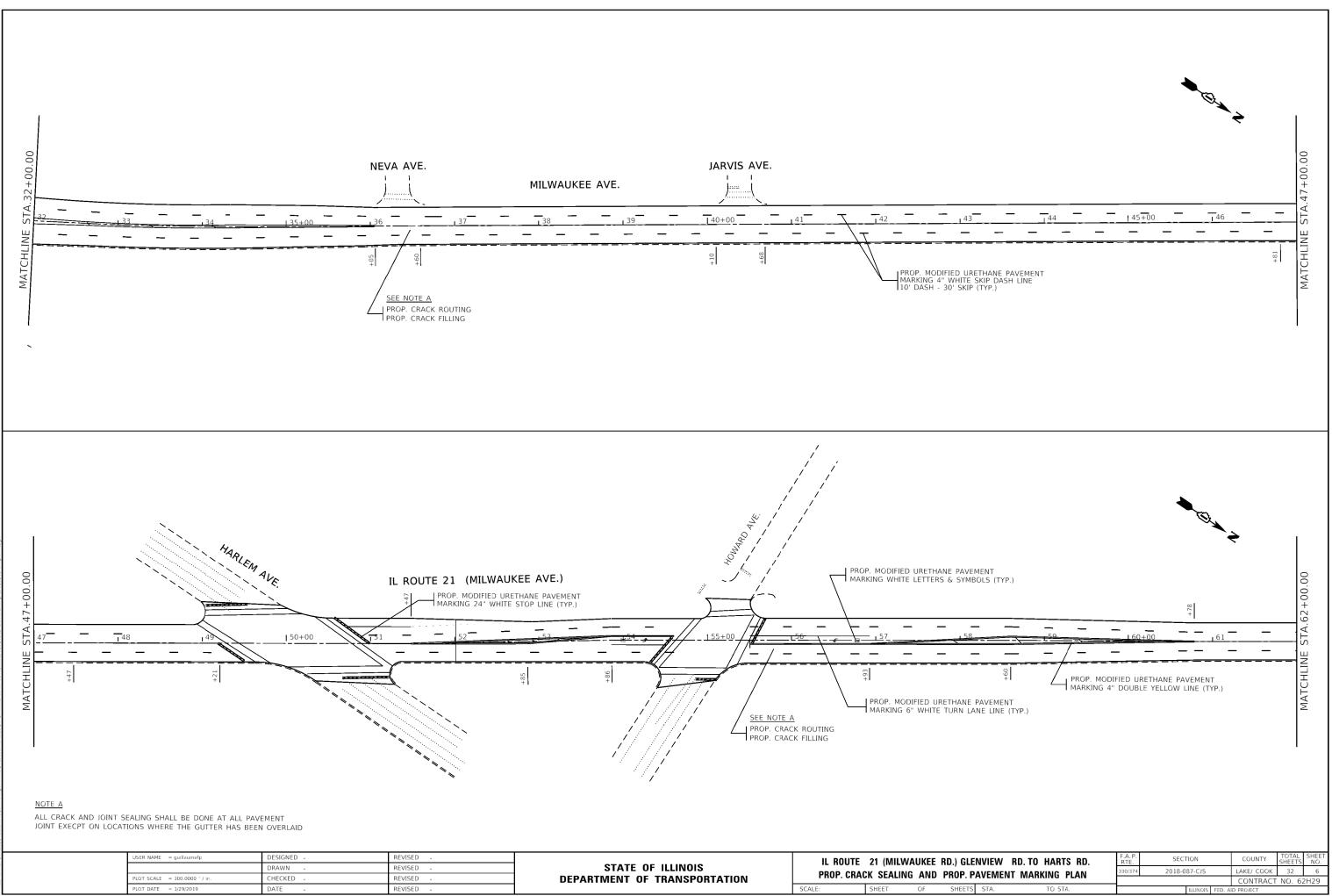
Γ	SUMMARY OF QUANTITIES						CTION TYPE CODE 0005			5		SUMM	RY OF QUANTI	TIES			
	CODE NO		ITEM	UNIT	URBAN TOTAL OUANTITIES	80% FED 20% STATE 0005 COOK CO. LOCATION 1	80% FED 20% STATE 0005 LAKE CO. LOC. 2 & 3					20) 	CODE NO		ITEM		UNIT
Ŀ	45100100	CRACK ROUTING (PAVEMENT)	FOOT	320000	166090	153910					*	78009006	MODIFIED UR	ETHANE PAVEMEN	NT MARKING	FOOT
														LINE 6"			
Ī	45100200	CRACK FILLING		POUND	192000	99654	92346					1					
												*	78009008	MODIFIED UR	ETHANE PAVEMEN	NT MARKING -	FOOT
ŀ	67000400	ENGINEER'S FIEI	D OFFICE, TYPE A	CAL MO	6	3	3							LINE 8"			
Ŀ	67100100	MOBILIZATION		L SUM	1	0.50	0.50					*	78009012	MODIFIED UR	ETHANE PAVEMEN	NT MARKING -	FOOT
														LINE 12"			
ŀ	70102620	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1		1										
L		STANDARD 70150										*	78009024	MODIFIED UR	ETHANE PAVEMEN	NT MARKING -	FOOT
														LINE 24"			
ľ	70102625	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	0.50	0.50										
		STANDARD 70160	5										Z0030850	TEMPORAR	(INFORMATIO	N SIGNING	SQ F
	70102630	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	0.50	0.50										
		STANDARD 70160															
	70102632	TRAFFIC CONTROL STANDARD 701602	AND PROTECTION.	L SUM	1	0.50	0.50										
	70102635	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	0.50	0. 50										
		STANDARD 70170	l														
	70102640	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	0.50	0. 50										
		STANDARD 70180															
•	78009000	MODIFIED URETH	NE PAVEMENT MARKING -	SO FT	5845	2162	3683										
		LETTERS AND SY	MBOL S														
-	78009004	MODIFIED URETH	NE PAVEMENT MARKING -	FOOT	160000	78710	81290										
		LINE 4"															
L																	
ſ		* SPECIALT	(ITEM														
	ILE NAME =		ER NAME = gullioumel p	DESIGNED -		REVISED					STATE OF						
ľ	winnunge biülnt EGJ		fices/District I/Projects/Di02319/CADData/Design/Di03 DT_SCALE = 100.0000 1 / in	CHECKED		REVISED REVISED			6				LINUIS ANSPORTA	TION		SUMMAR	Y OF QUA
L			OT DATE = 2/1/20/9	DATE -		REVISED									SCALE:	SHEET NO. OF	SHEETS

				С		ON TYPE	CODE	23		
IIT	URBAN TOTAL OUANTITIES	80% FED 20% STATE 0005 COOK CO. LOCATION 1	0005 LAKE CO	D TE						
от	22000	9664	12336							
от	1500		1500							
от	6500	2500	4000							
от	3500	1670	1830							
FT	154.2	51.4	102.8	3						
								-1		
								-		
								v		
				_						
				_				76		
				_						
				\neg						
				-						
				_						
				-				3		
			ĮĘ.	A.P. TE.	SEC			(MS		
UANTI			330	0/374	2018-0	87-CJS	COOK/LAKE	32 3		
STA.	T	D STA.	F	ED. ROAD DIST. NO. 1 ILLINDIS FED. AID PROJECT						

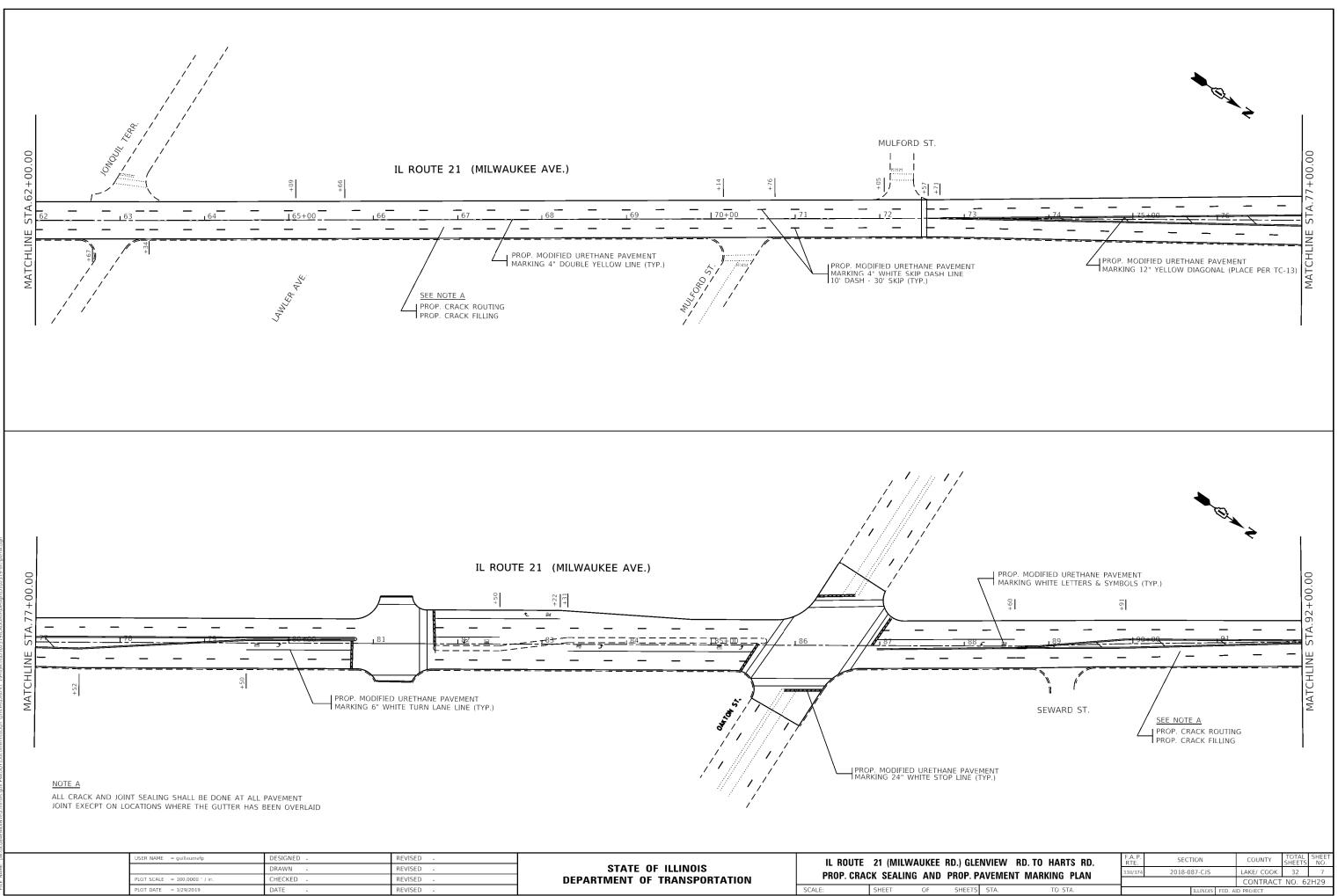


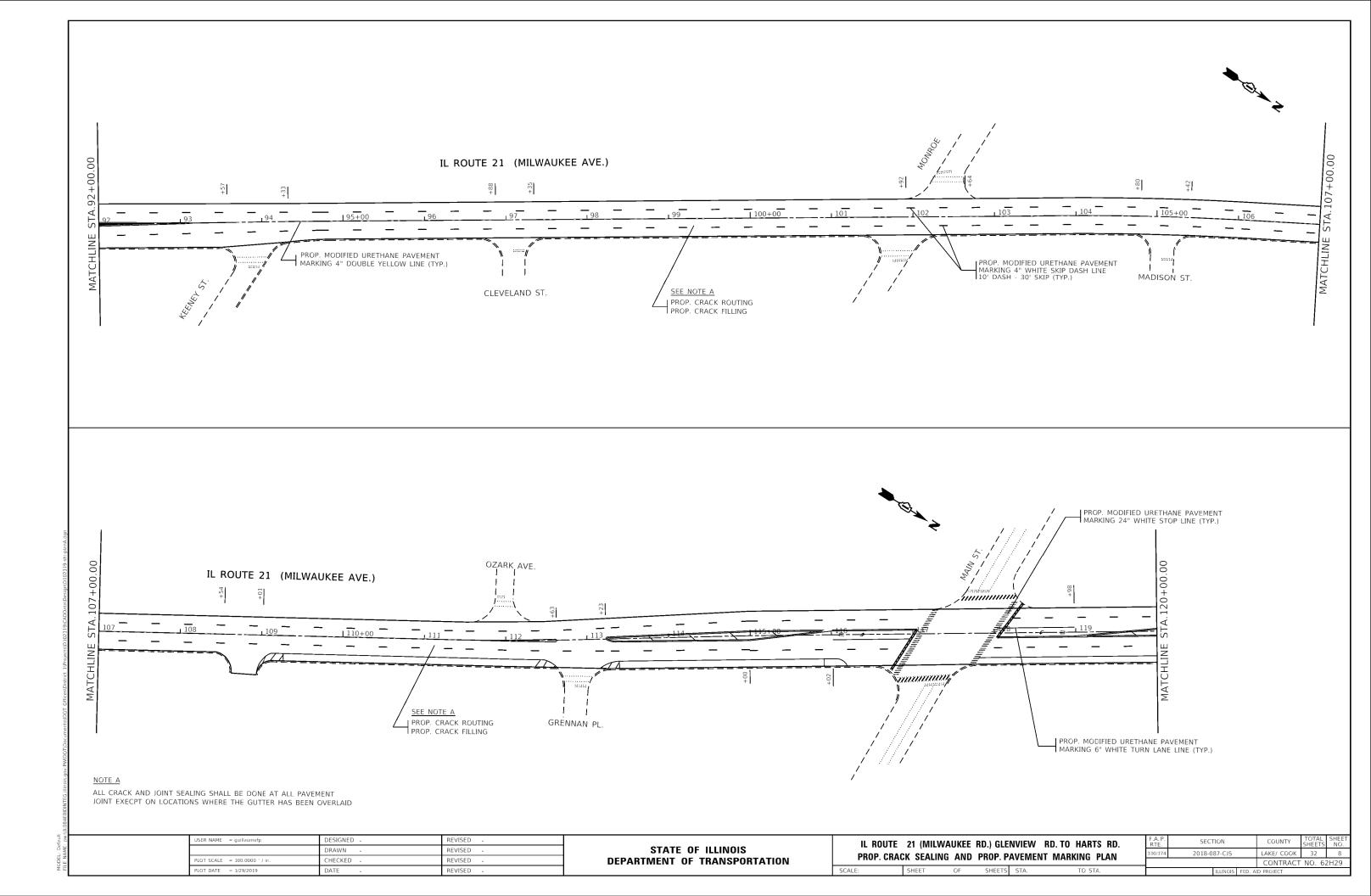
М	AP		F.A.P. RTE.	SECT	ION		COUNTY	TOTAL SHEETS	SHEET NO.
	KEE AVENUE)	330/374 2018-087-CJS				COOK/LAKE	32	4	
10	KEL AVENUE					CONTRACT	NO. 62	2H29	
٢S	STA.	TO STA.			ILLINOIS	FED. AI	D PROJECT		

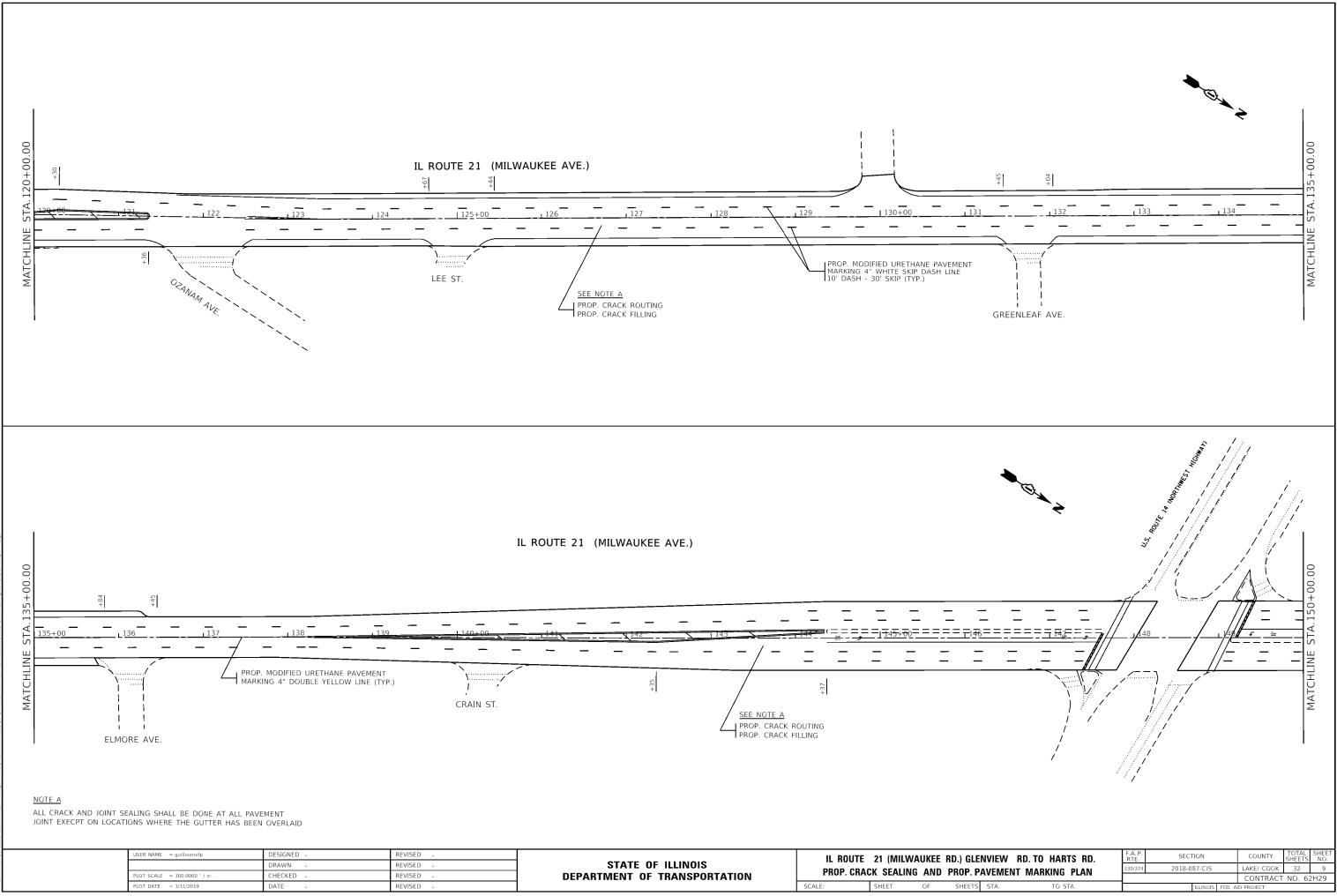


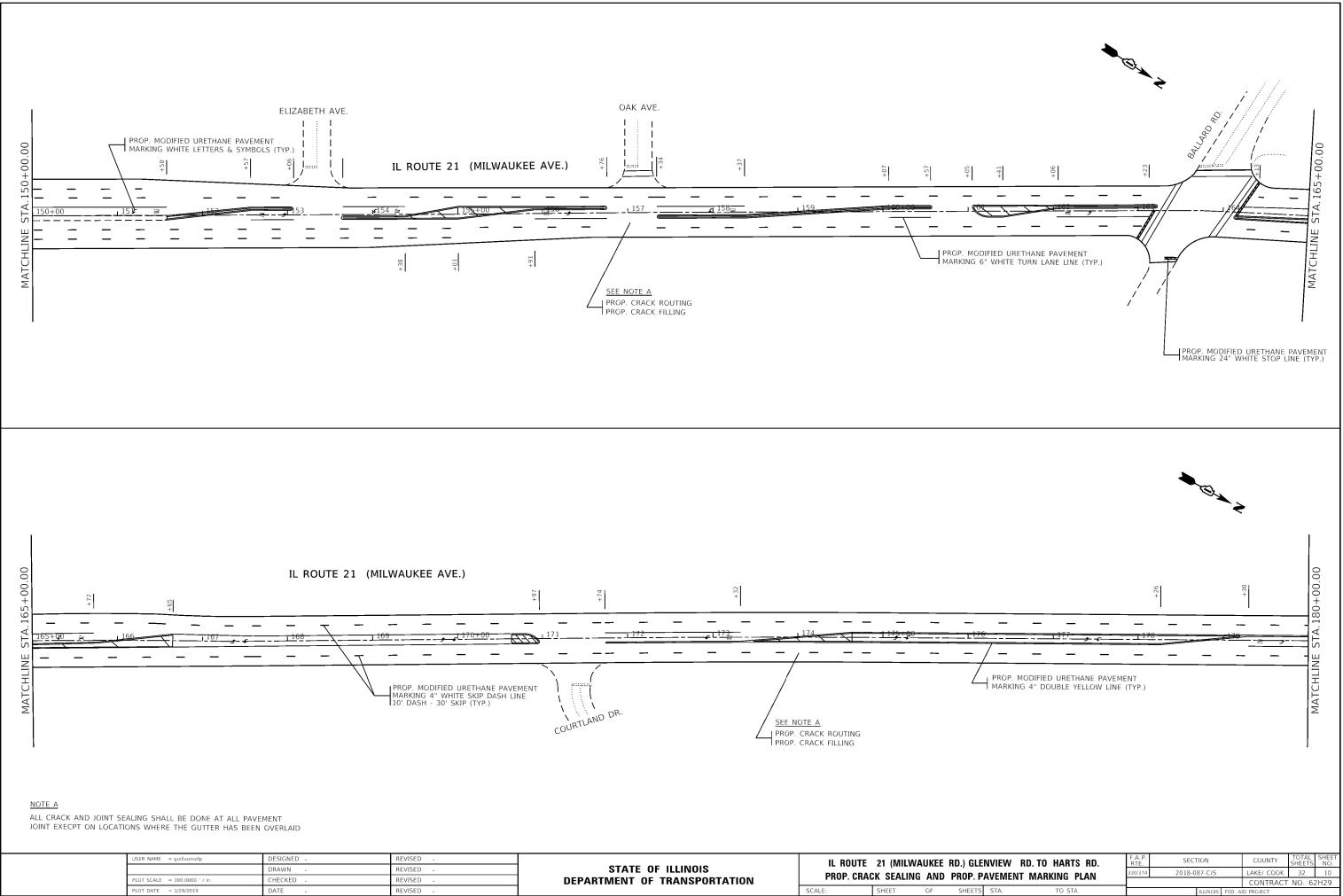


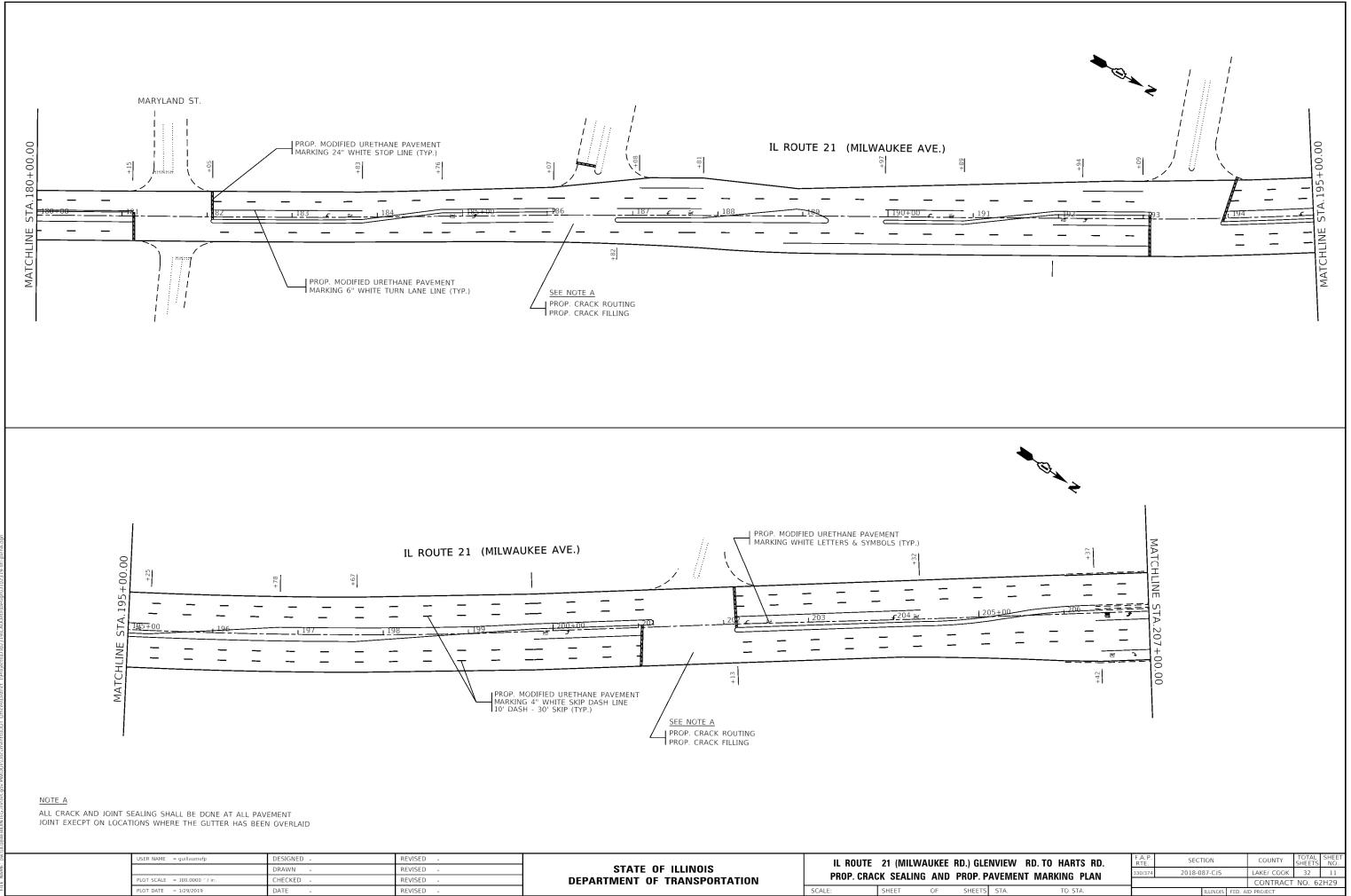
USER NAME = guillaumefp	DESIGNED -	REVISED -		IL ROUTE	21 (MILWA	AUKEE	RD.) GLEN
	DRAWN -	REVISED -	STATE OF ILLINOIS		•		'
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	PROP. CRAC	K SEALING	AND	PROP. PA
PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS



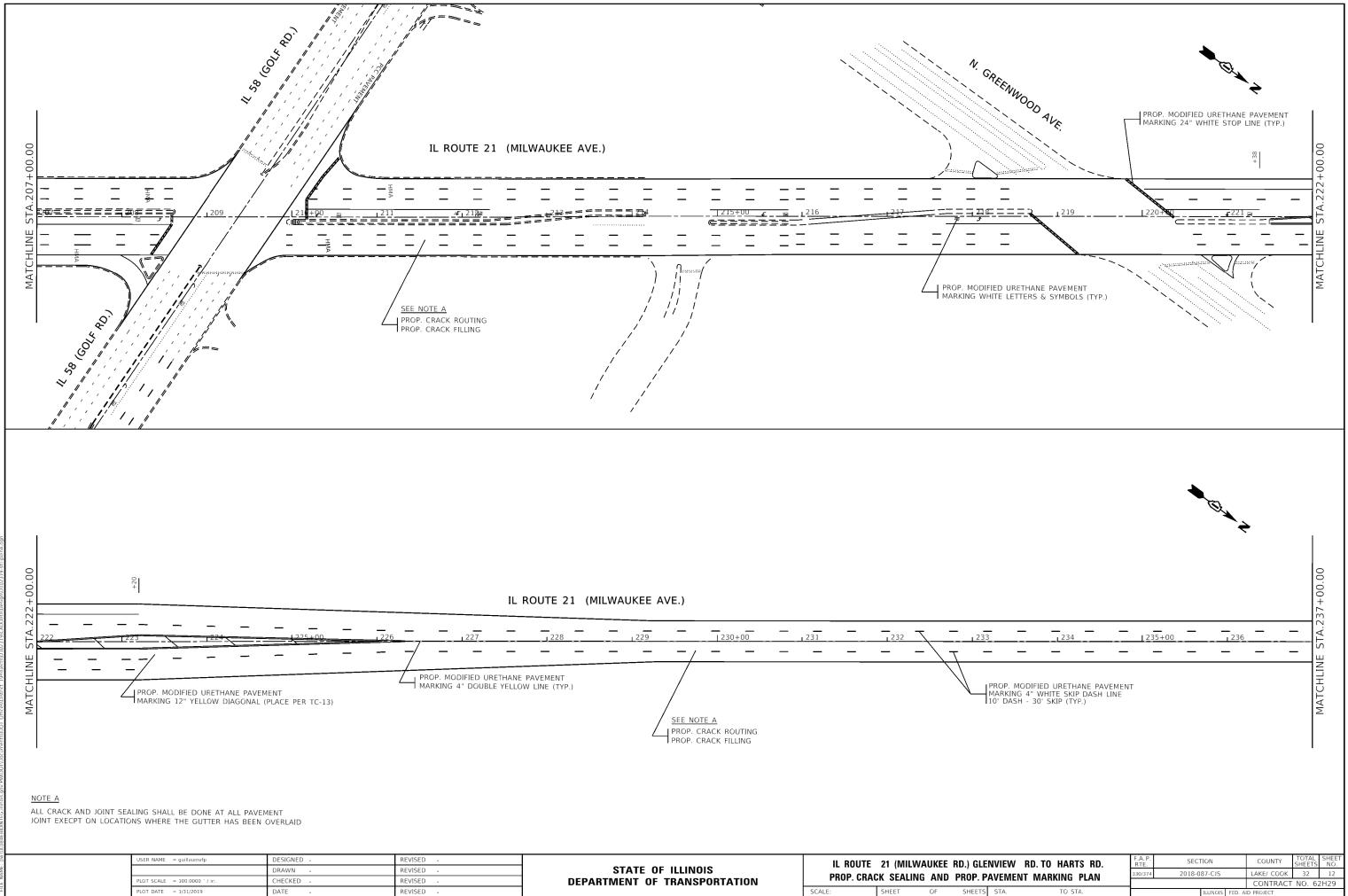


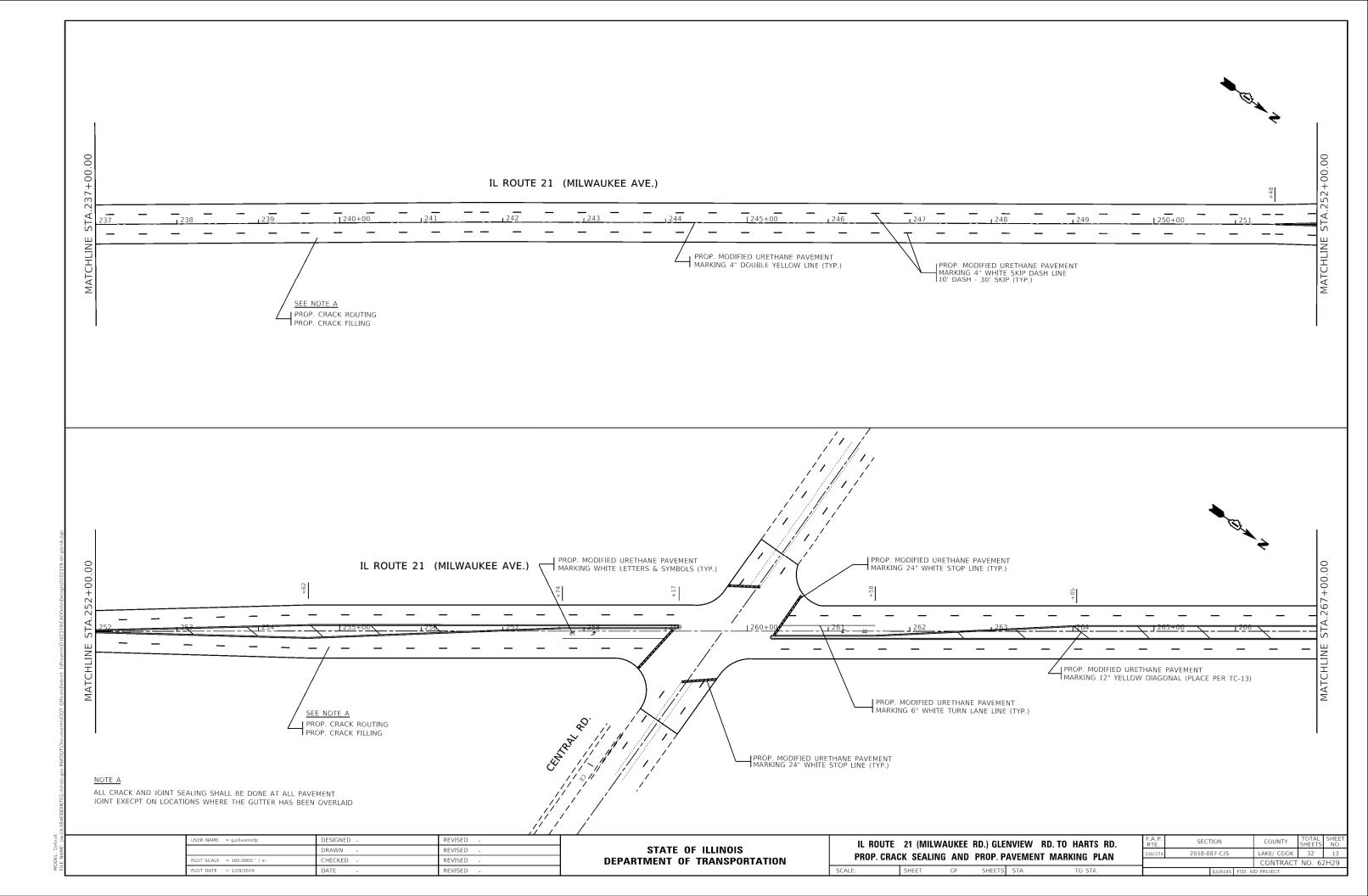


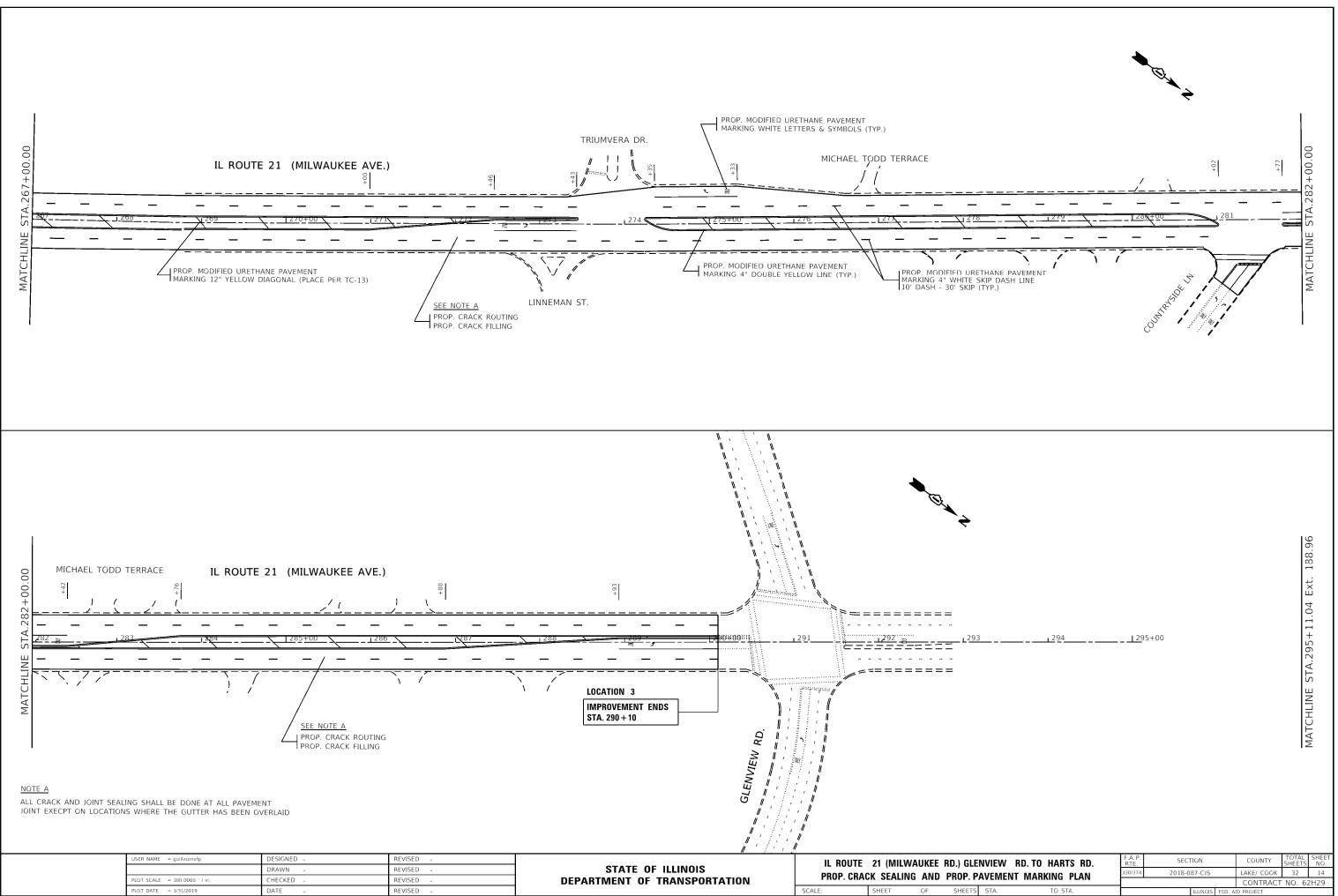


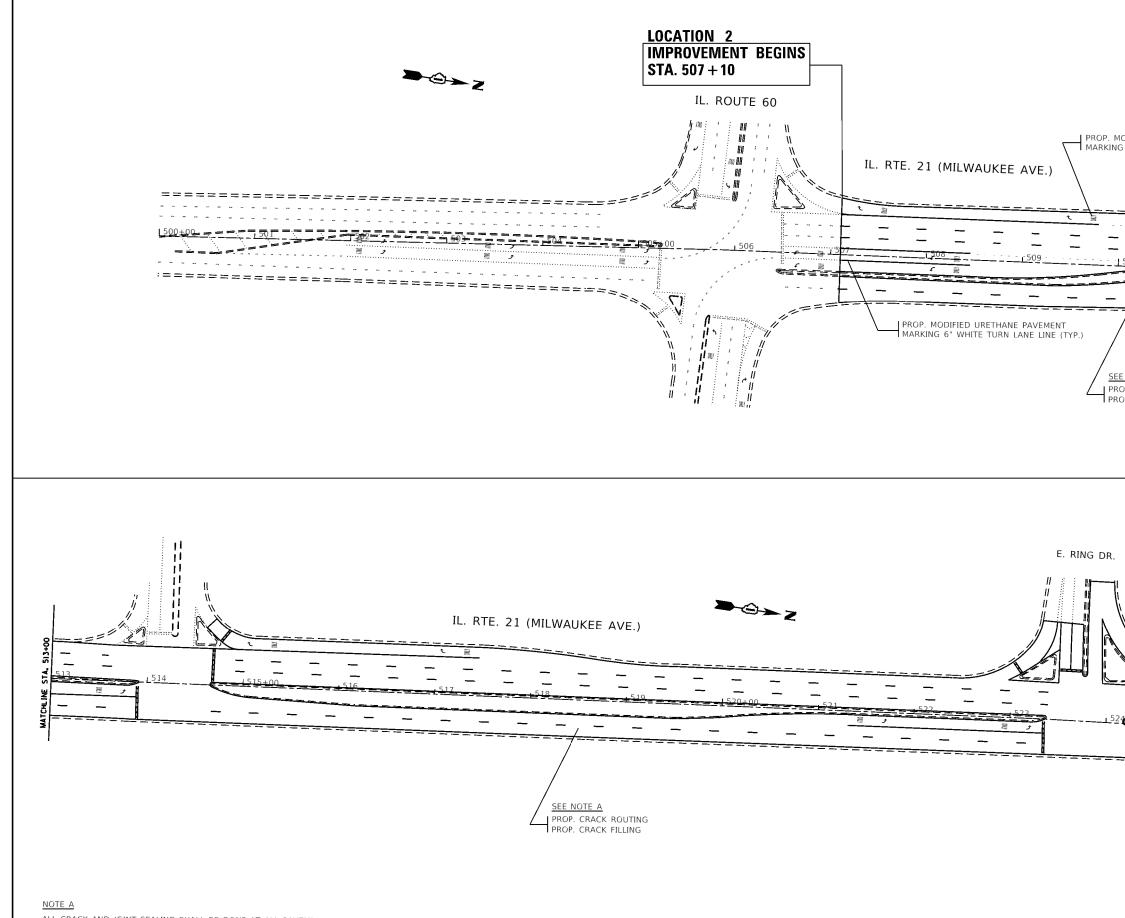


USER NAME = guillaumefp	DESIGNED -	REVISED -		IL ROUTE	21 (MILW/A		RD.) GLEN
	DRAWN -	REVISED -	STATE OF ILLINOIS		•		,
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	PROP. CRAC	SK SEALING	AND	PROP. PA
PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS





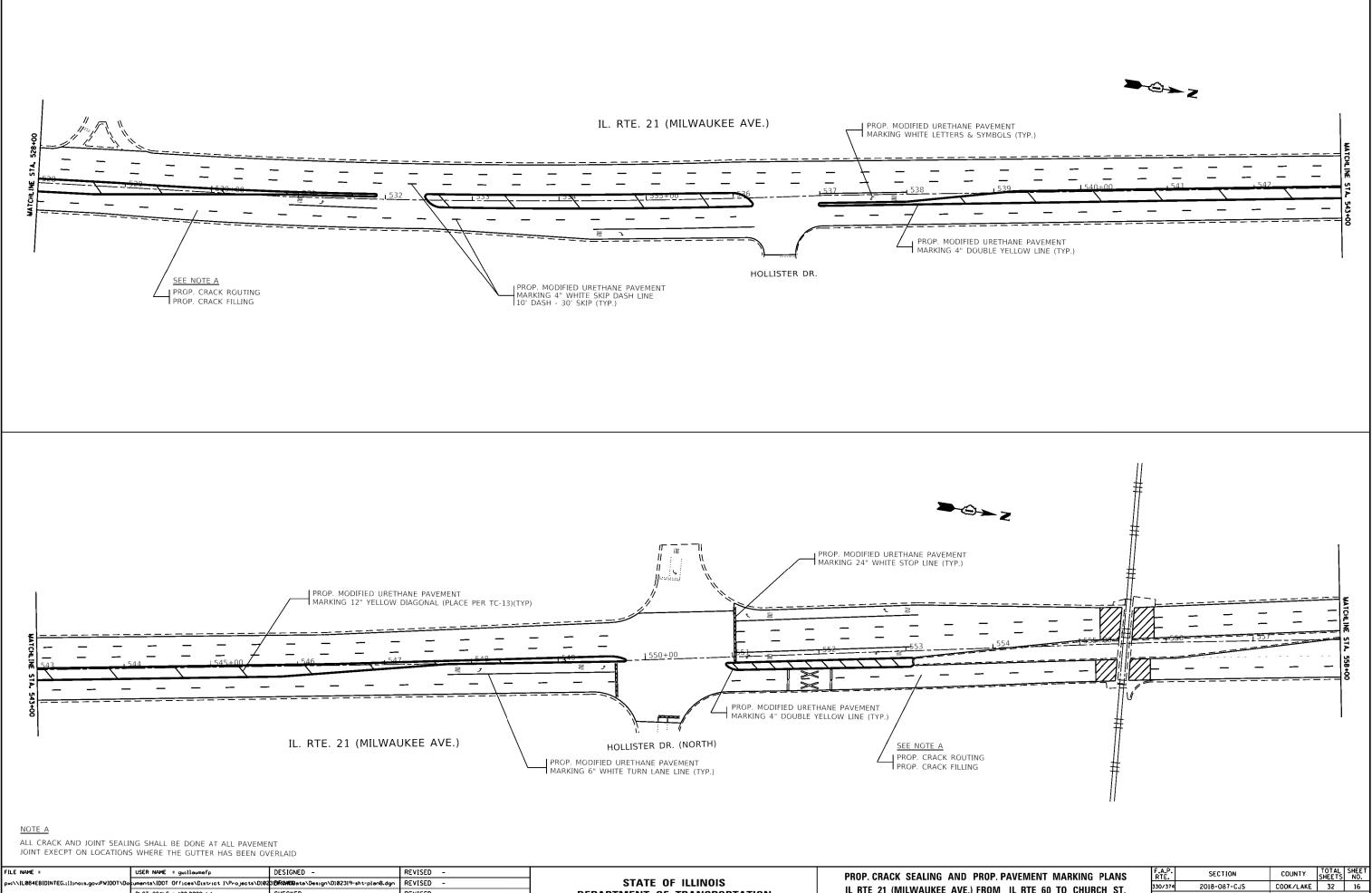




ALL CRACK AND JOINT SEALING SHALL BE DONE AT ALL PAVEMENT JOINT EXECPT ON LOCATIONS WHERE THE GUTTER HAS BEEN OVERLAID

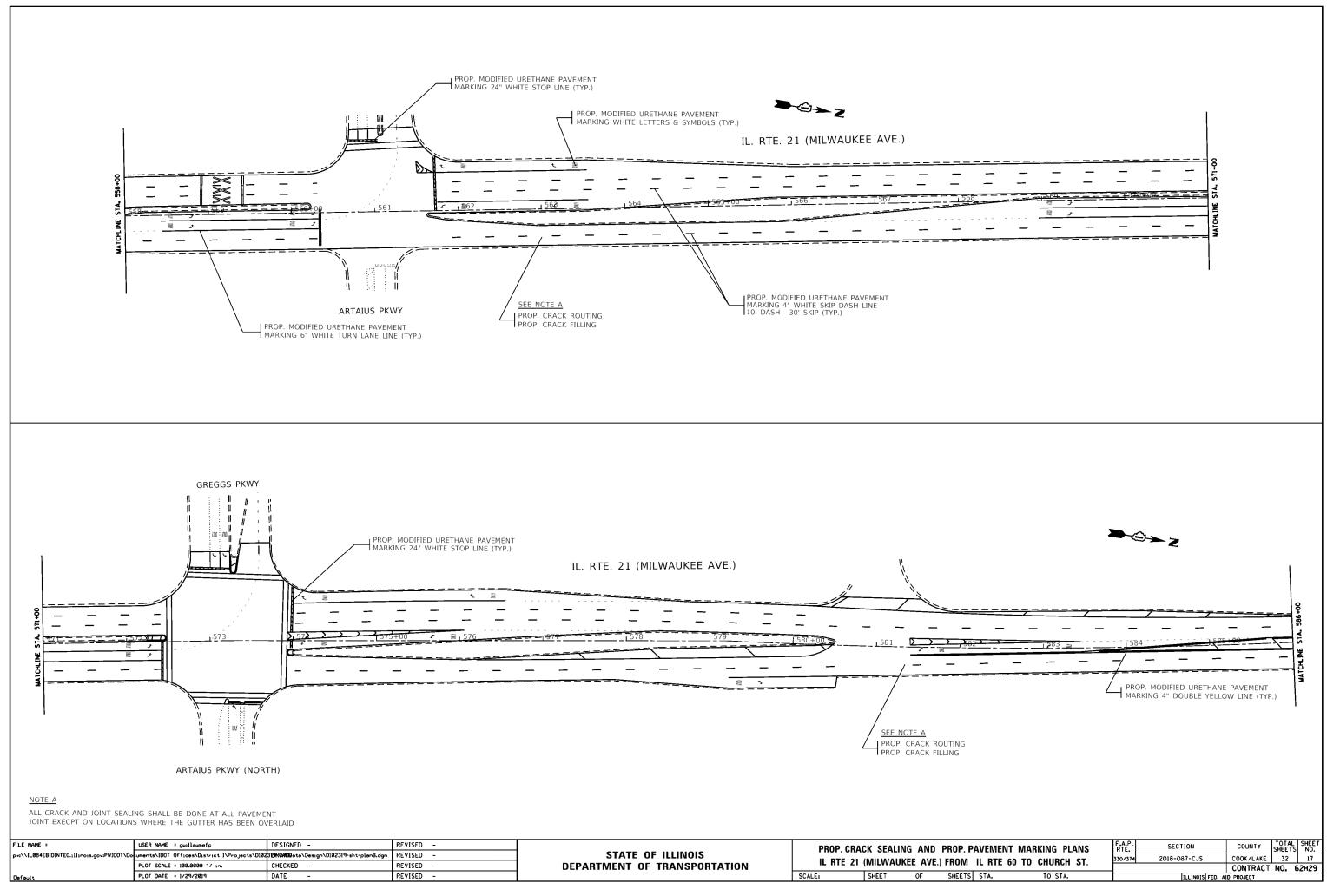
FILE NAME :	USER NAME = guillaumefp	DESIGNED -	REVISED -		PROP. CRAC	CK SEALING		
pw:\\IL084EBIDINTEG.11]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	319R04009ata\Design\D102319-sht-planB.dgn	REVISED -	STATE OF ILLINOIS				
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL KIE 21	(MILWAUKE	E AVE.) FH	KOIVI
Default	PLOT DATE = 1/31/2019	DATE –	REVISED -		SCALE:	SHEET	OF SI	SHEETS

. MODIFIED URETHANE PAVEMENT ING WHITE LETTERS & SYMBOLS (TYP.)				
1510+00			WATCHLINE STA. 513+00	
		IPROP. MODIFIED UI		/EMENT
PROP. CRACK ROUTING PROP. CRACK FILLING		MARKING 4" WHITE 10' DASH - 30' SKI	RETHANE PAY SKIP DASH P (TYP.)	iement LINE
MARKING 24	TED URETH. WHITE ST	ANE PAVEMENT OP LINE (TYP.)		
52	- 			MATCHLINE 574, 528+00
				MATCHL
P. PAVEMENT MARKING PLANS	F.A.P. RTE.	SECTION		TOTAL SHEET SHEETS NO.
M IL RTE 60 TO CHURCH ST.	330/374	2018-087-CJS	COOK/LAKE CONTRACT AID PROJECT	32 15 NO. 62H29

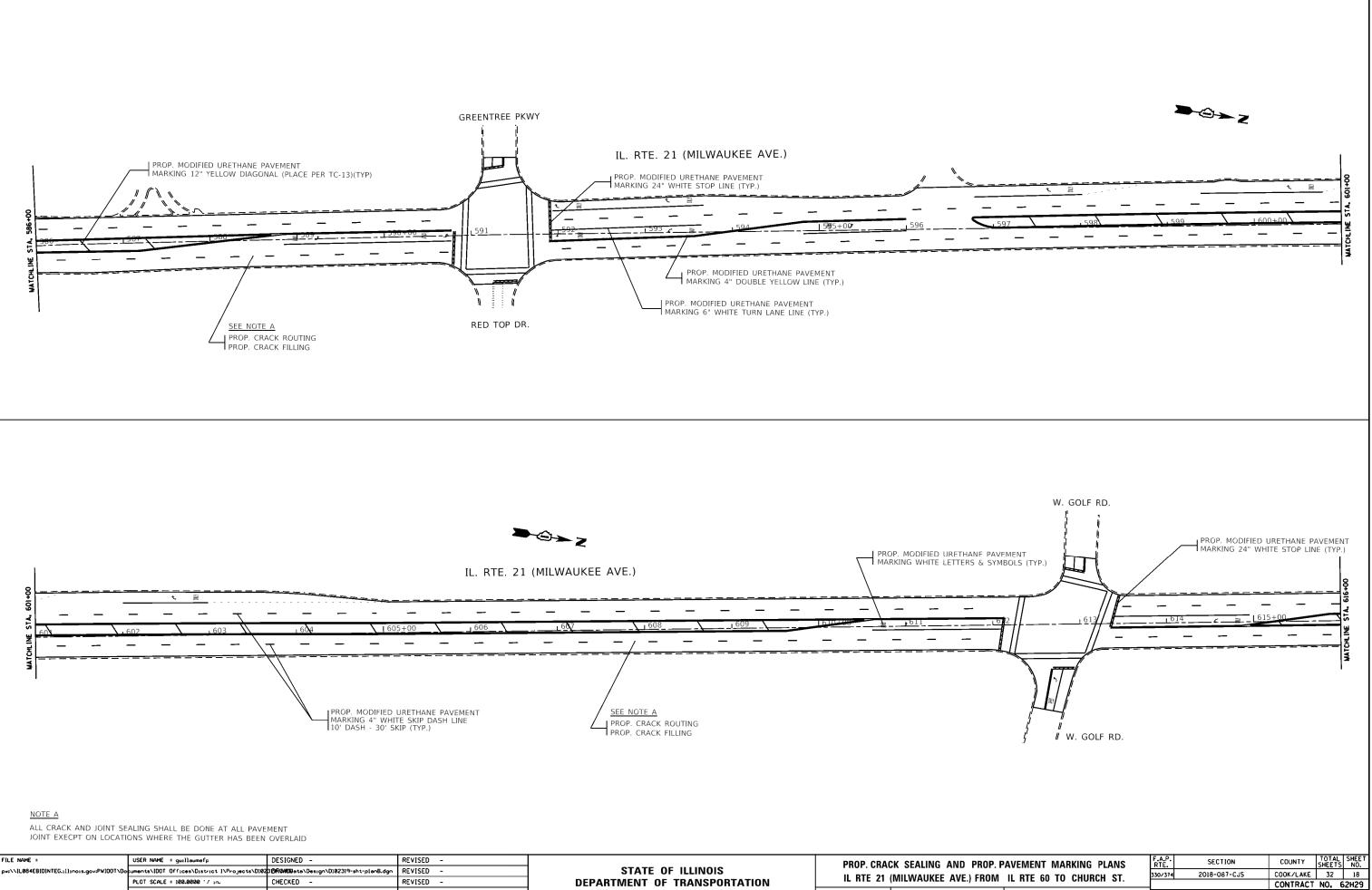


									_
FILE NAME =	USER NAME = guilloumefp	DESIGNED -	REVISED -		PROP. CRAC				۸v
pw:\\IL084EBIDINTEG.11]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	319R04009ata\Design\D102319-sht-planB.dgn	REVISED -	STATE OF ILLINOIS					
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RIE ZI	(MILWAUKE	E AVE.)	FROM	١L,
Default	PLOT DATE = 1/29/2019	DATE –	REVISED -		SCALE:	SHEET	OF	SHEETS	S

IL RTE 60 TO CHURCH ST. CONTRACT NO. 62H29 STA. TO STA. ILLINOIS FED. AID PROJECT

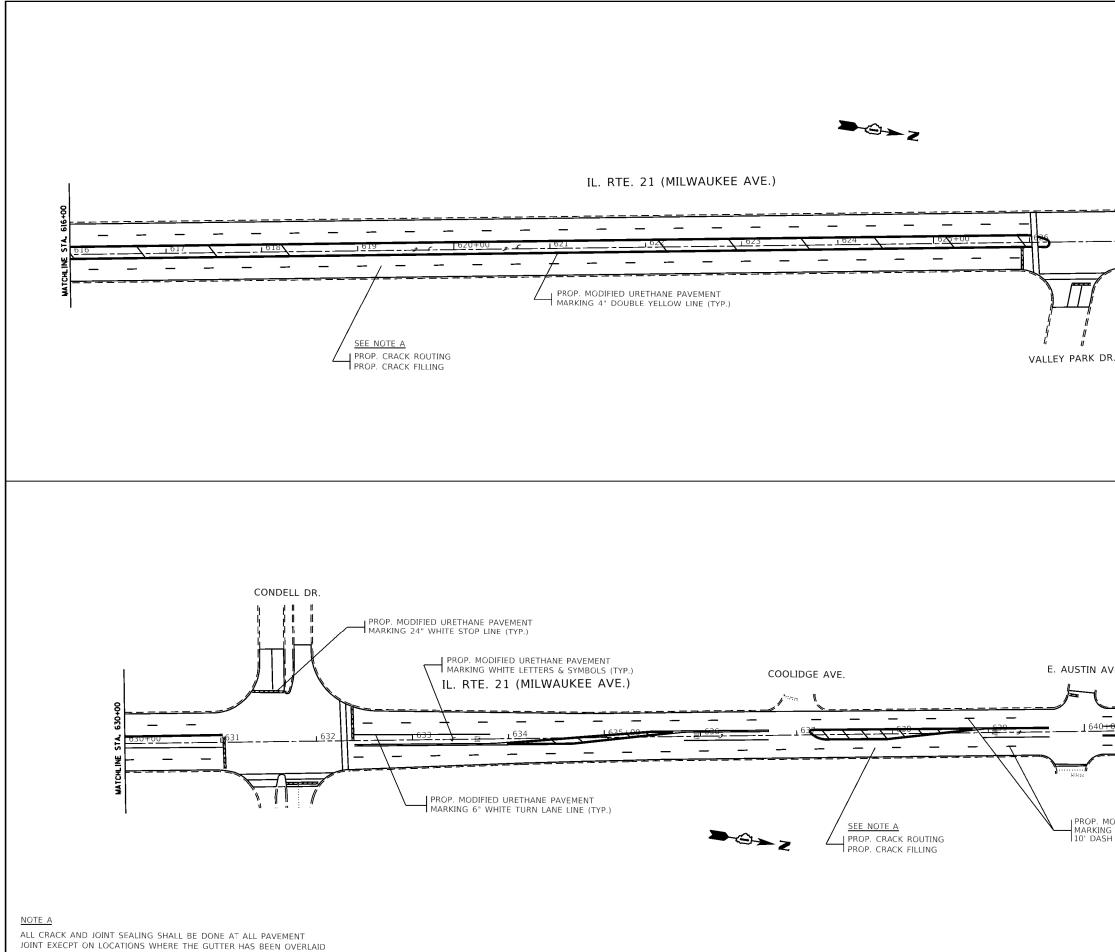


FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -		PROP. CRAC	CK SEALING		
pw:\\[LØ84EBIDINTEG.1]]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	319R04000ata\Design\D102319-sht-planB.dgn	REVISED -	STATE OF ILLINOIS				
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RIE 21 ((MILWAUKE	:E AVE.)) FROM
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS



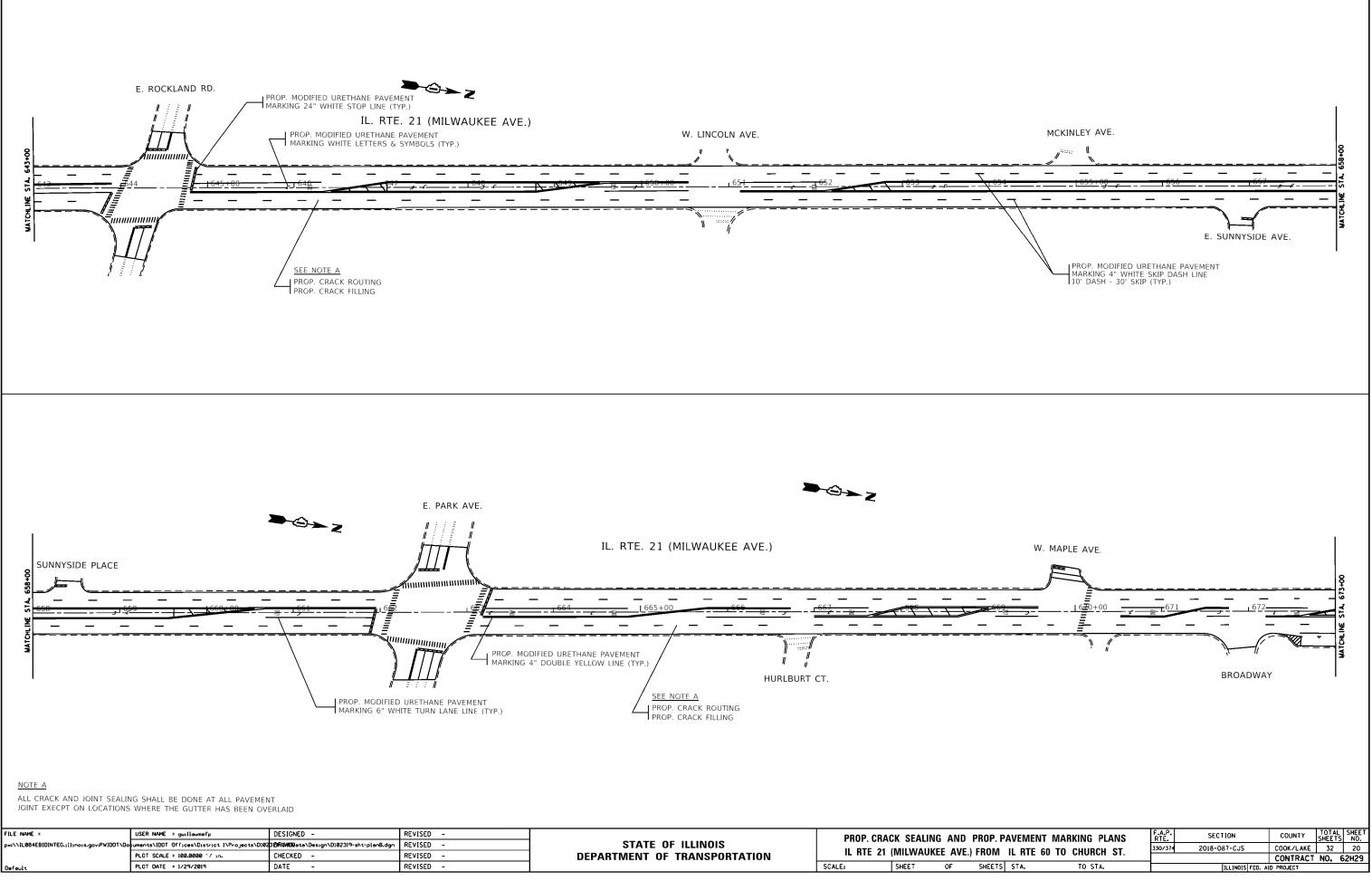
ſ	FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -		PROP. CRAC	CK SEALING		
	pwt\\IL084EBIDINTEG.11]1no15-gov#PWIDOT\Do	uments\IDOT_Offices\District_I\Projects\D102	319R04109ata\Design\D102319-sht-planBidgn	REVISED -	STATE OF ILLINOIS				
		PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE 21	(WILWAUKE	E AVE.) H	KOINI
	Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF S	SHEETS

STA. TO STA. ILLINOIS FED. AID PROJECT

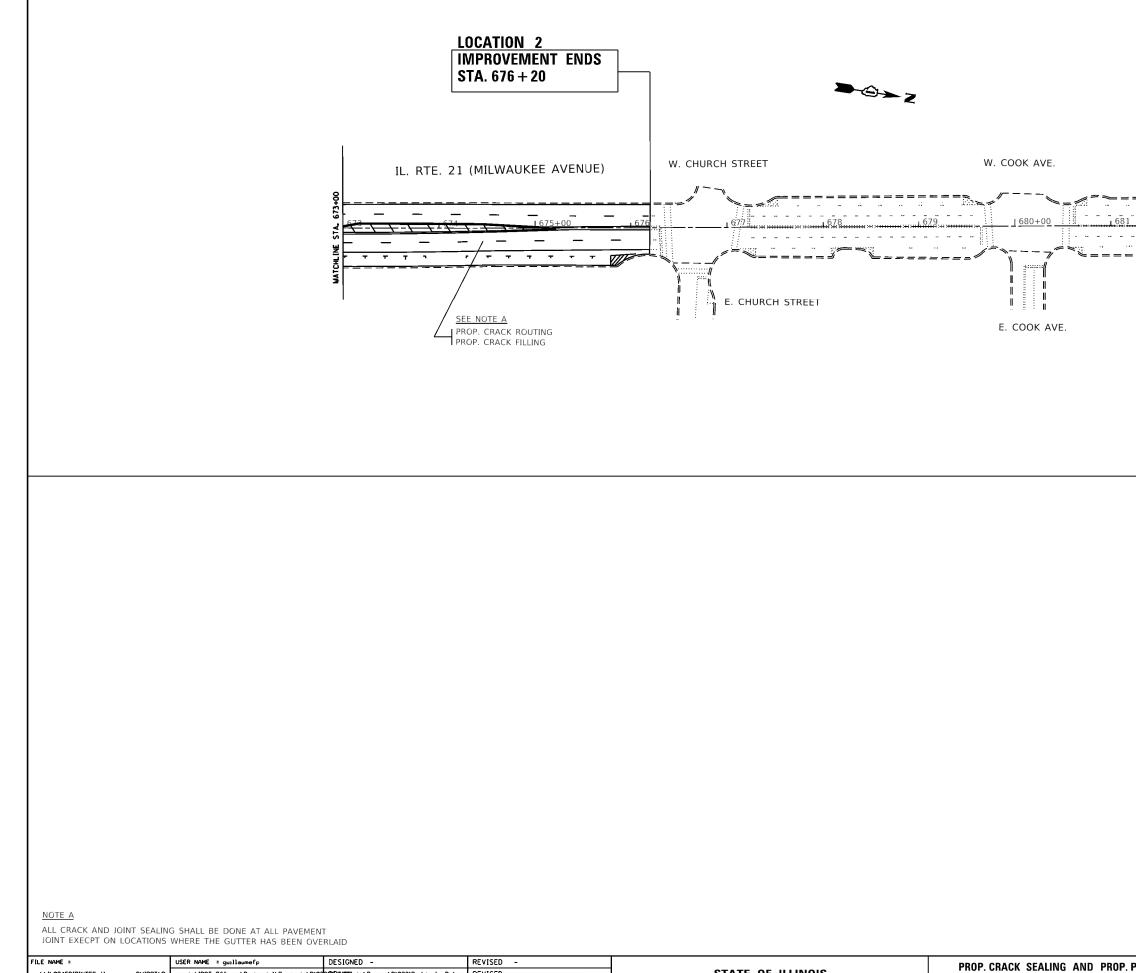


FILE NAME :	USER NAME = guillaumefp	DESIGNED -	REVISED -		PROP. CRAC	CK SEALING		
pw:\\IL084EBIDINTEG.11]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	319R@WDBata\Design\D102319-sht-planB.dgn	REVISED -	STATE OF ILLINOIS				
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE 21	(MILWAUKE	.E AVE.)	FRUIN
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS

627L ^p 28				MATCHLINE STA, 630+		
				H		
*				MATC		
				I		
DR.						
AVE.			ļ			
			2400			
<u></u>	<u> </u>		TA. 64			
	·	_	NE S			
			MATCHLINE STA. 643+00			
			Γ			
MODIFIED URETHANE PAVEMENT						
NG 4" WHITE SKIP DASH LINE SH - 30' SKIP (TYP.)						
P. PAVEMENT MARKING PLANS	F.A.P. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO,
M IL RTE 60 TO CHURCH ST.	330/374	2018-087-0		COOK/LAKE	32	19 19 52H29
TS STA. TO STA.		וועוי	NOIS FED. AI	D PROJECT		2023



FILE NAME =	USER NAME = guilloumefp	DESIGNED -	REVISED -		PROP. CRAC	CK SEALING		
pw:\\[L084EBIDINTEG.1]]1no15.gov:PWIDOT\Do	cuments/IDOT Offices/District 1/Projects/D10	319R04009ata\Design\D102319-sht-planBidgn	REVISED -	STATE OF ILLINOIS				
	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RIE 21 ((MILWAUKEI	: AVE.) F	KOW
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE:	SHEET	OF 5	SHEETS



STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

SCALE:

ments\IDOT_Offices\District_I\Projects\D10231**9R0400**ata\Design\D102319-sht-planB.dgn

CHECKED -

-

DATE

REVISED -

REVISED -

REVISED -

pwt\\IL084EBIDINTEG.illinoi:

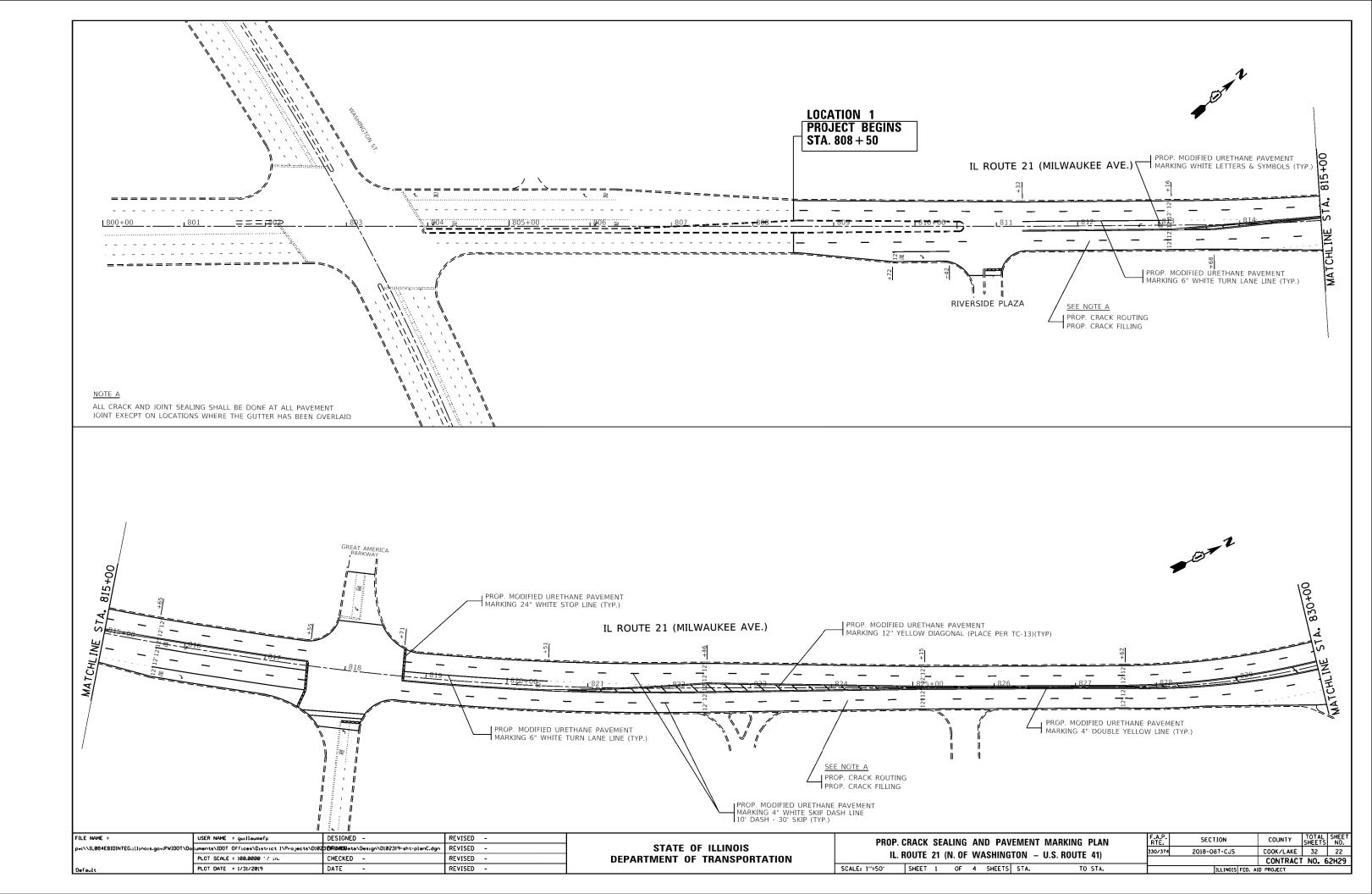
Default

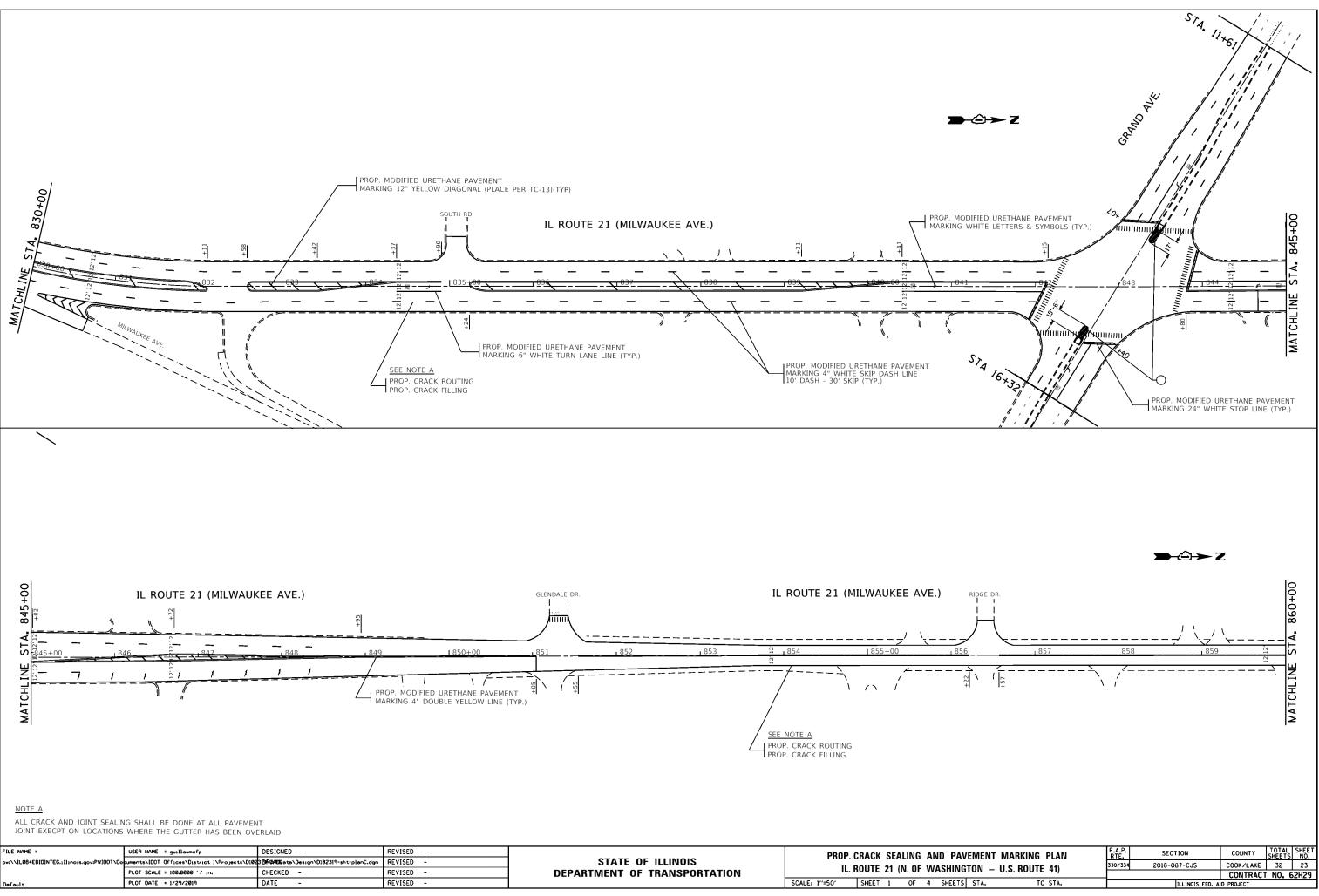
PLOT SCALE = 100.0000 '/ 10.

PLOT DATE = 1/31/2019

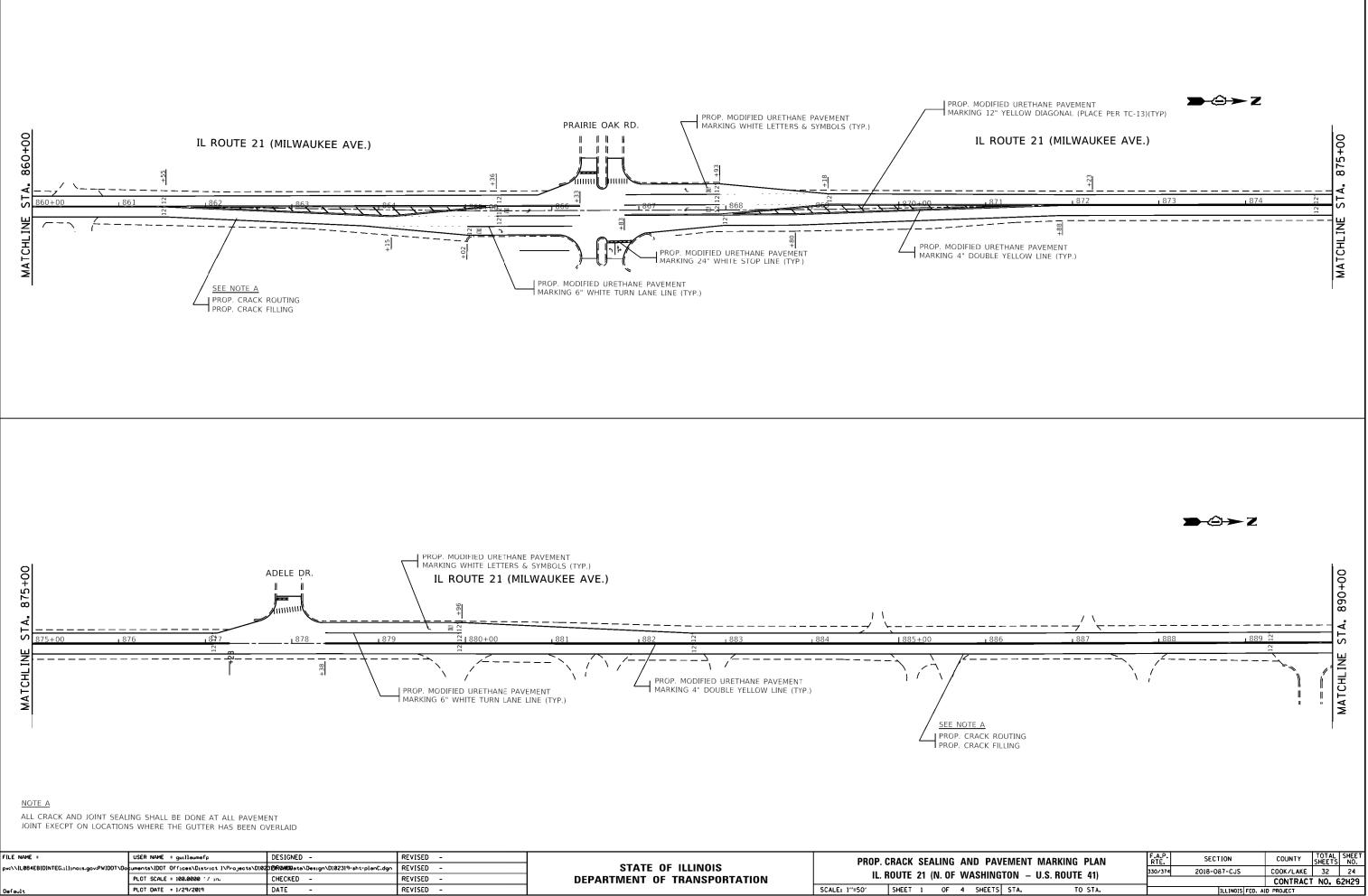
____ 682 ~____<u>~~~~</u>

PROP. CRACK SEALING AND IL RTE 21 (MILWAUKEE AVE.)			F.A.P. RTE. 330/374	SECTION 2018-087-CJS	COUNTY COOK/LAKE	SHEETS 32	21
ALE: SHEET OF	SHEETS STA.	TO STA.		ILLINOIS FED. AI	CONTRACT D PROJECT	NO. 6	62H29

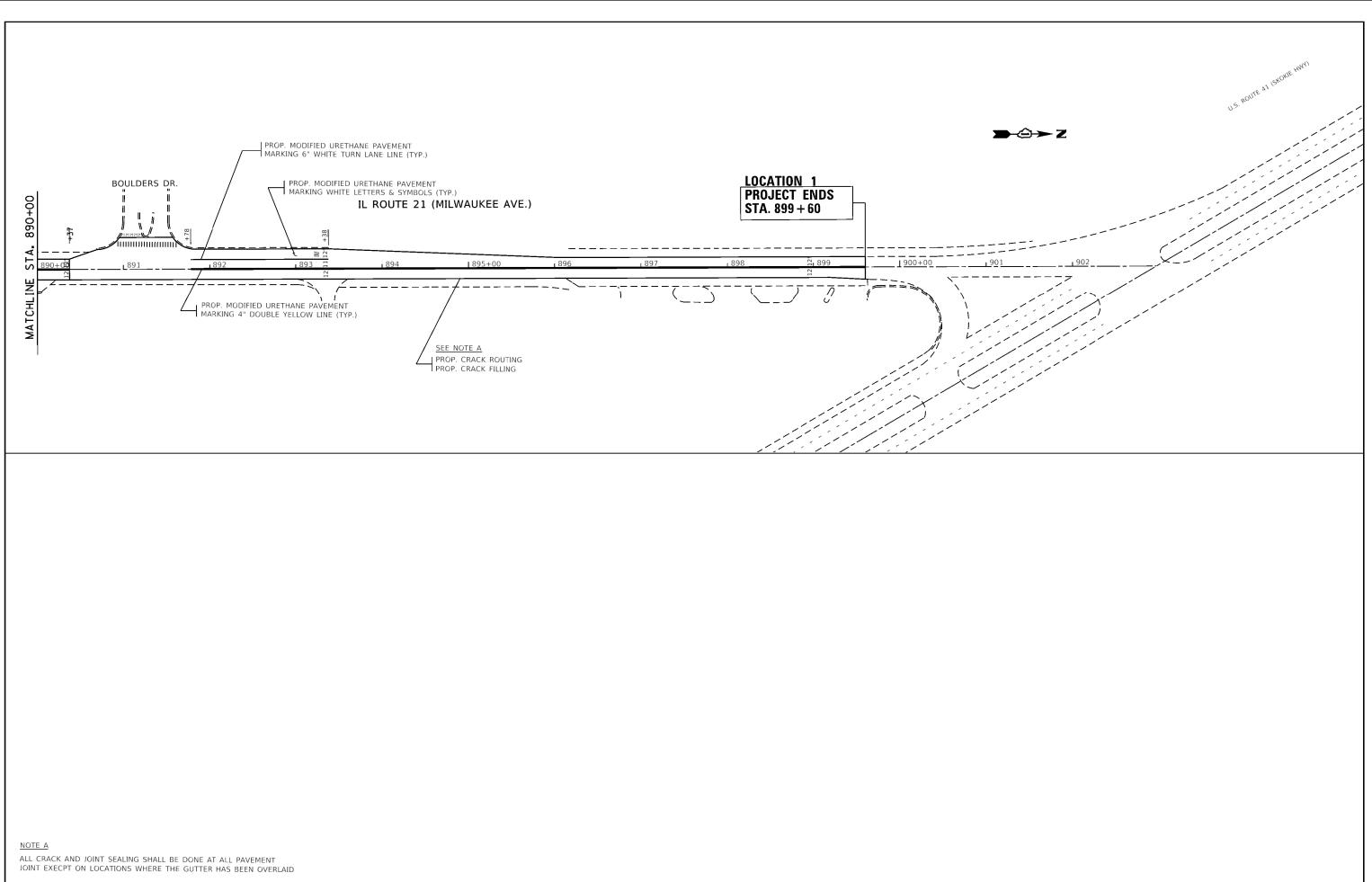




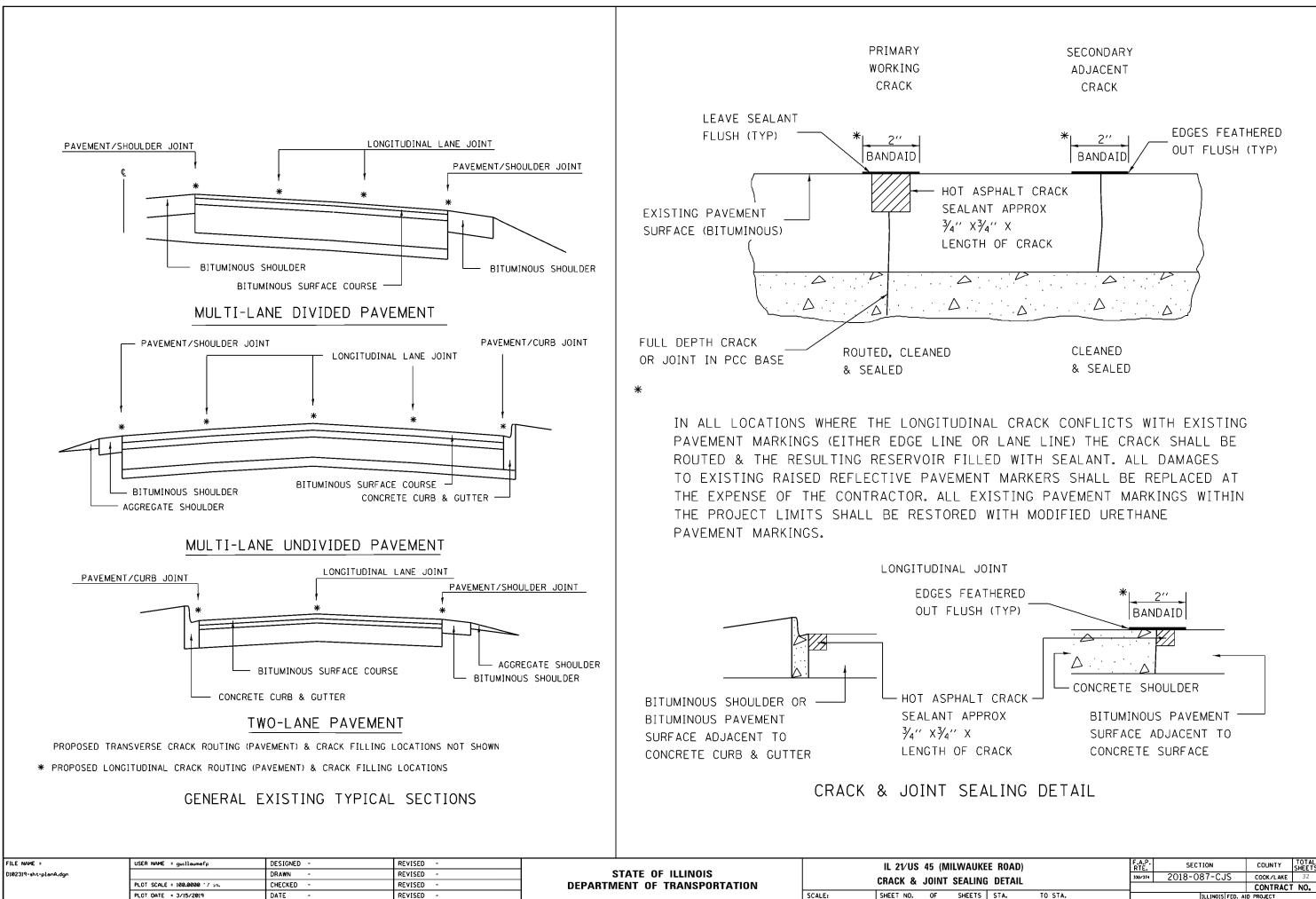
FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -			CRACK SEA			
pwt\\[LØ84EB[O]NTEG.1]]1no15-gov:PWIOOT\Oo	cuments\IDOT_Offices\District_I\Projects\D102	319R@4009ata\Design\D102319-sht-planC.dgn	REVISED -	STATE OF ILLINOIS					
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL.₩	ROUTE 21 ((N. OF	WA	SHING
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE: 1"=50'	SHEET 1	OF	4 ′	SHEETS



FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED -			CRACK SE		S AN		
pw:\\IL@84EBIDINTEG.11]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D102	319R04009ata\Design\D102319-sht-planC.dgn	REVISED -	STATE OF ILLINOIS						
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL. H	ROUTE 21	(N. UI	r vv <i>f</i>	ASHIN	GIG
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE: 1"=50'	SHEET 1	OF	4	SHEET	S

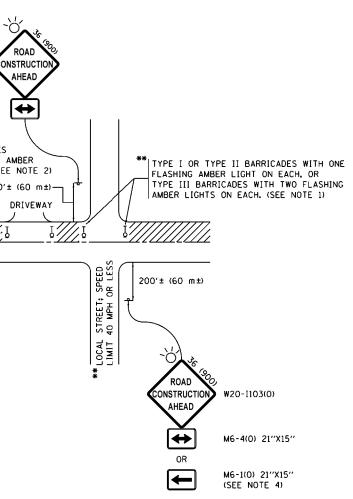


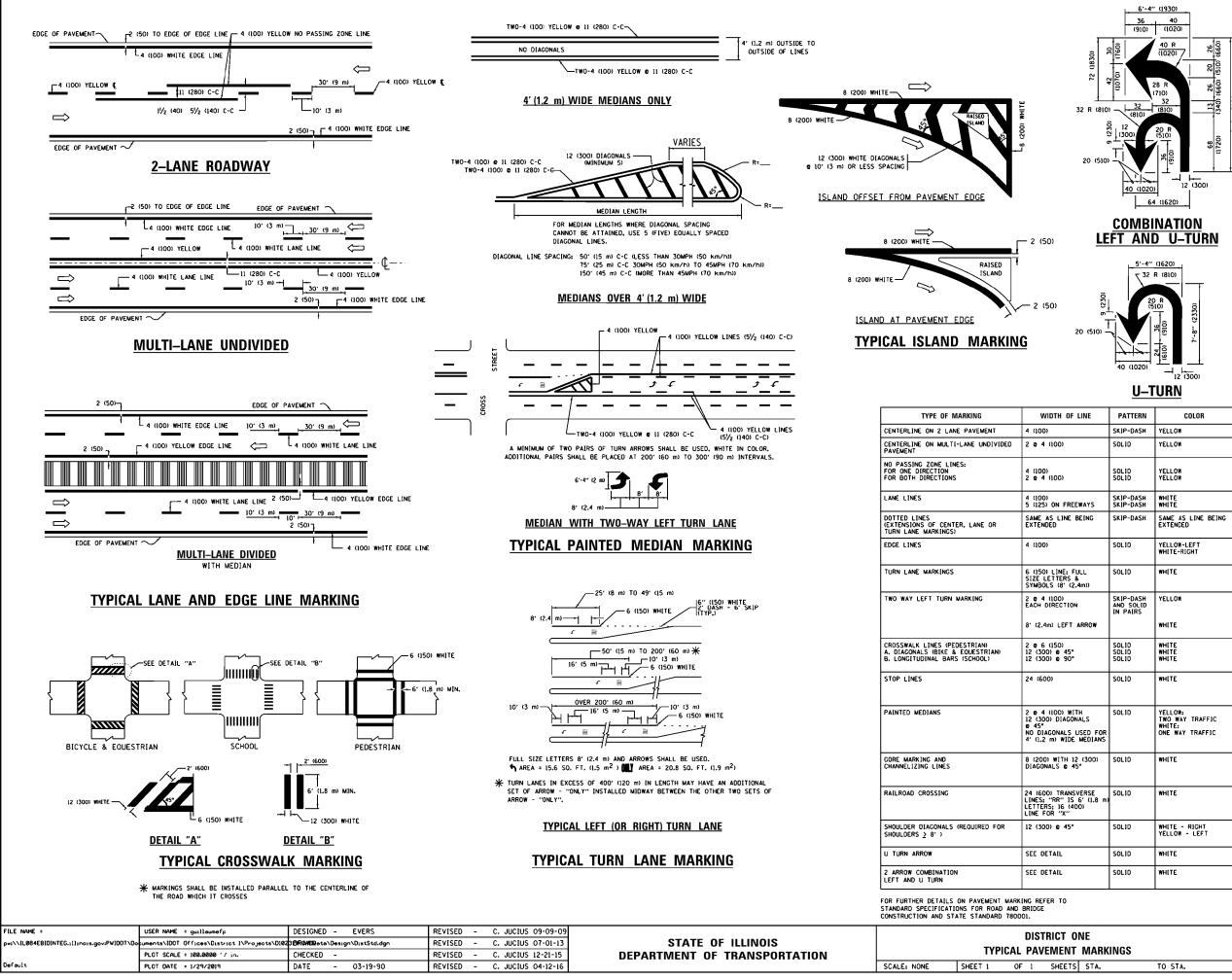
FILE NAME =	USER NAME = guilloumefp	DESIGNED -	REVISED -		PROP. CRACK SEALING AND PAVEMENT MARKING PLAN	F.A.P. RTF.	SECTION	COUNTY TOTAL SHEET SHEETS NO.
p#:\\IL084EBIDINTEG.11]1no15.gov:PWIDOT\Do	cuments\IDOT_Offices\District_I\Projects\D10			STATE OF ILLINOIS	IL ROUTE 21 (N. OF WASHINGTON – U.S. ROUTE 41)	330/374	2018-087-CJS	COOK/LAKE 32 25
	PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL. NOULE 21 (N. OF WASHINGTON - 0.3. ROULE 41)			CONTRACT NO. 62H29
Default	PLOT DATE = 1/31/2019	DATE -	REVISED -		SCALE: 1''=50' SHEET 1 OF 4 SHEETS STA. TO STA.		ILLINOIS FED. A	D PROJECT

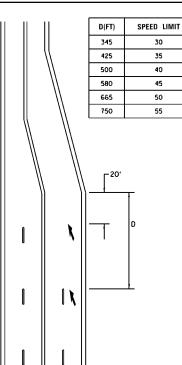


KE	E ROAD)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DETAIL		330/374	2018-087-CJS	COOK/LAKE	32	26
10	DETAIL				CONTRACT	[NO. 6	52H29
s	STA.	TO STA.		ILLINOIS FED. A	ID PROJECT		

	ROAD ROAD 10 (350) 21 (530) 10 (350) 21 (530) 10 (350) 10 (
	 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 × 36 (900×900) 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 × 48 (1,2 m x 1.2 m) WITH A FLASHER CONTROL STANDARDS OR ITEMS. b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY c) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 × 48 (1,2 m x 1.2 m) WITH A FLASHER MOUNTED ON THE DRAWING AND AS DIRECTED BY THE ENGINEER: b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY c) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 × 48 (1,2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY SOO' (150 m) IN ADVANCE OF THE MAIN ROUTE. b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
FILE NAME : JUSER NAME : Juilloumefp DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96	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). All dimensions are in inches (millimeters) unless otherwise shown. TRAFEIC CONTROL AND PROTECTION FOR FATP SECTION COUNTY TOTAL SHEET
pwi/\lL084EBIDINTEG.illinois.gov:PWIDDT\Documents\lDDT_Offices\District_I\Projects\DI0230R040Data\Design\DistStd.dgn REVISED -T. RAMMACHER 01-06-00 STATE (F ILLINOIS TRANSPORTATION TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS RTE. SECTION COUNT SHEETS NO. SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS/FED. AID PROJECT COUNTRACT NO. 62H29







LANE REDUCTION TRANSITION

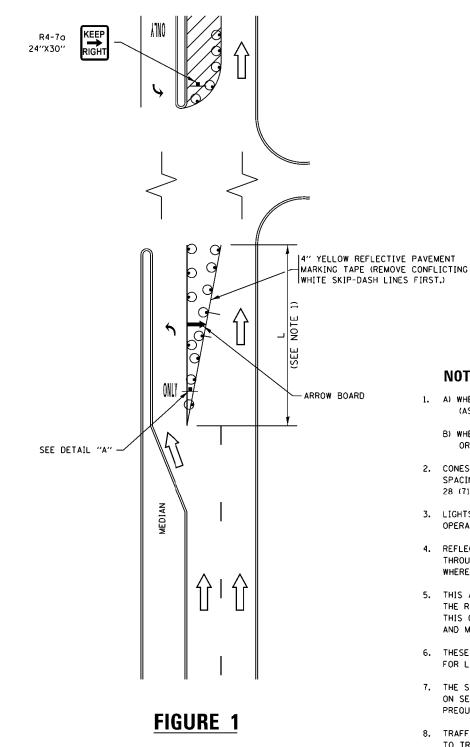
★ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

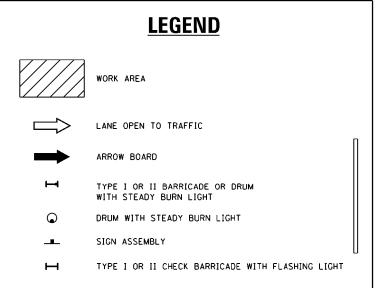
F LINE	PATTERN	COLOR	SPACING /REMARKS
	SKJP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
	SOLID	YELLOW	11 (280) C-C
	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
EEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
BEING	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
FULL & 2,4m))	SOL1D	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
DN F ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH, 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
e ,5	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' 1600) APART 2' 1600) APART 5EE TYPICAL CROSSWALK MARKING DETAILS.
	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
USED FOR	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
12 (300) 45°	SOLID	WHITE	DIACONALS: 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))
ISVERSE S 6' (1.8 m) 400)	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"*3.6 SO, FT. (0.33 m ²) EACH "X"=54.0 SO. FT. (5.0 m ²)
ø	SOL1D	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 (0VER 45MPH (70 km/h))
	SOLID	WHITE	16.3 SF
	SOLID	WHITE	30.4 SF

All dimensions are in inches (míllimeters) unless otherwise shown,

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

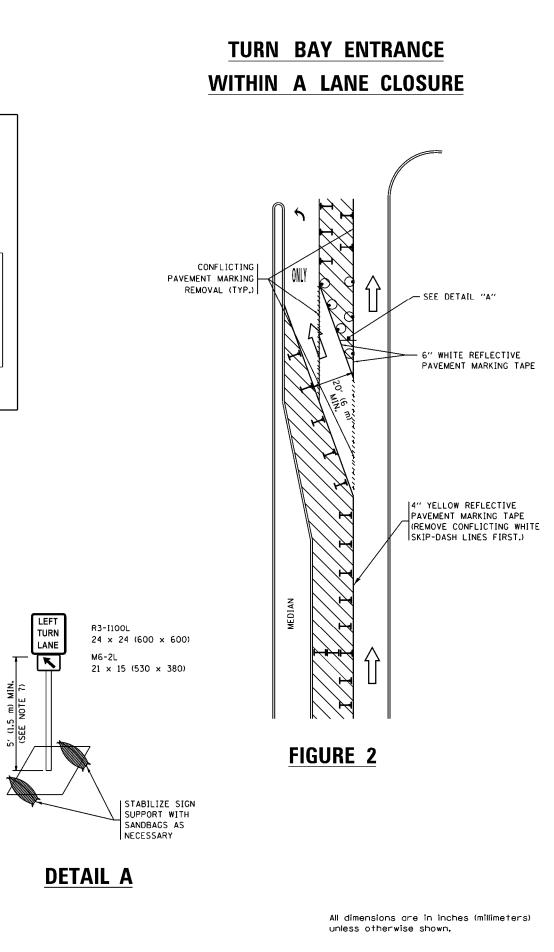
TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



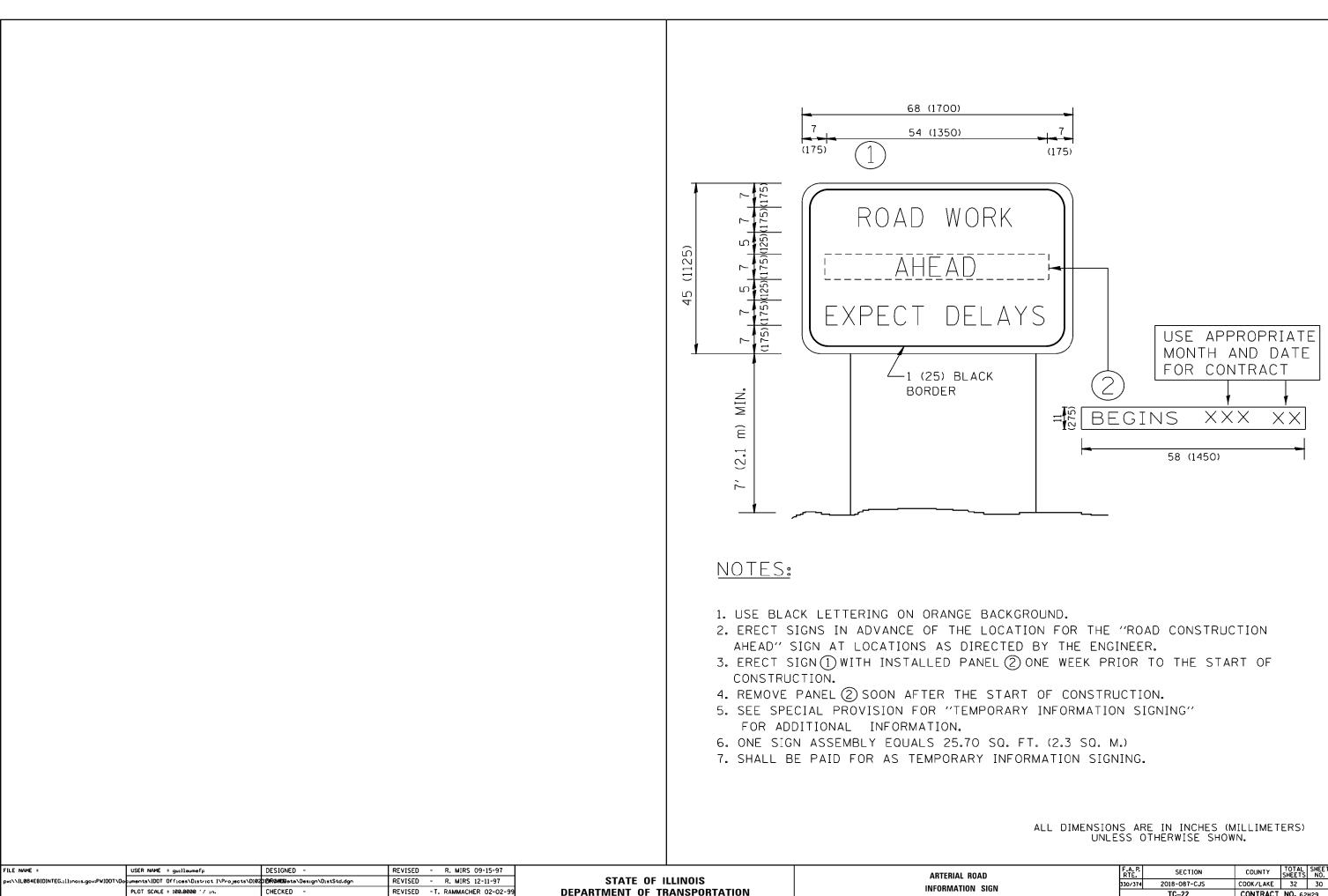


NOTES:

- 1. A) WHEN "L" IS < 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 × 15 (530 × 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 PREQUIREMENTS.
- 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.



FILE NAME =	USER NAME = guillaumefp	REVISED - T. RAMMACHER 09-08-9	4 REVISED - R. BORO 09-14-09		TRAFFIC CONTROL AND PROTECTION AT TURN BAYS	F.A. P	SECTION	COUNTY TOTAL SHEET SHEETS NO.
r -	cuments\IDOT_Offices\District_I\Projects\D102				(TO REMAIN OPEN TO TRAFFIC)	330/374	2018-087-CJS	COOK/LAKE 32 29
	PLOT SCALE = 100.0000 ' / 10.	REVISED - A. HOUSEH 10-12-96		DEPARTMENT OF TRANSPORTATION	(TO REWIAIN OPEN TO TRAFFIC)		TC-14	CONTRACT NO. 62H29
Default	PLOT DATE = 1/29/2019	REVISED -T. RAMMACHER 01-06-0	0 REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED.	AID PROJECT



SCALE: NONE

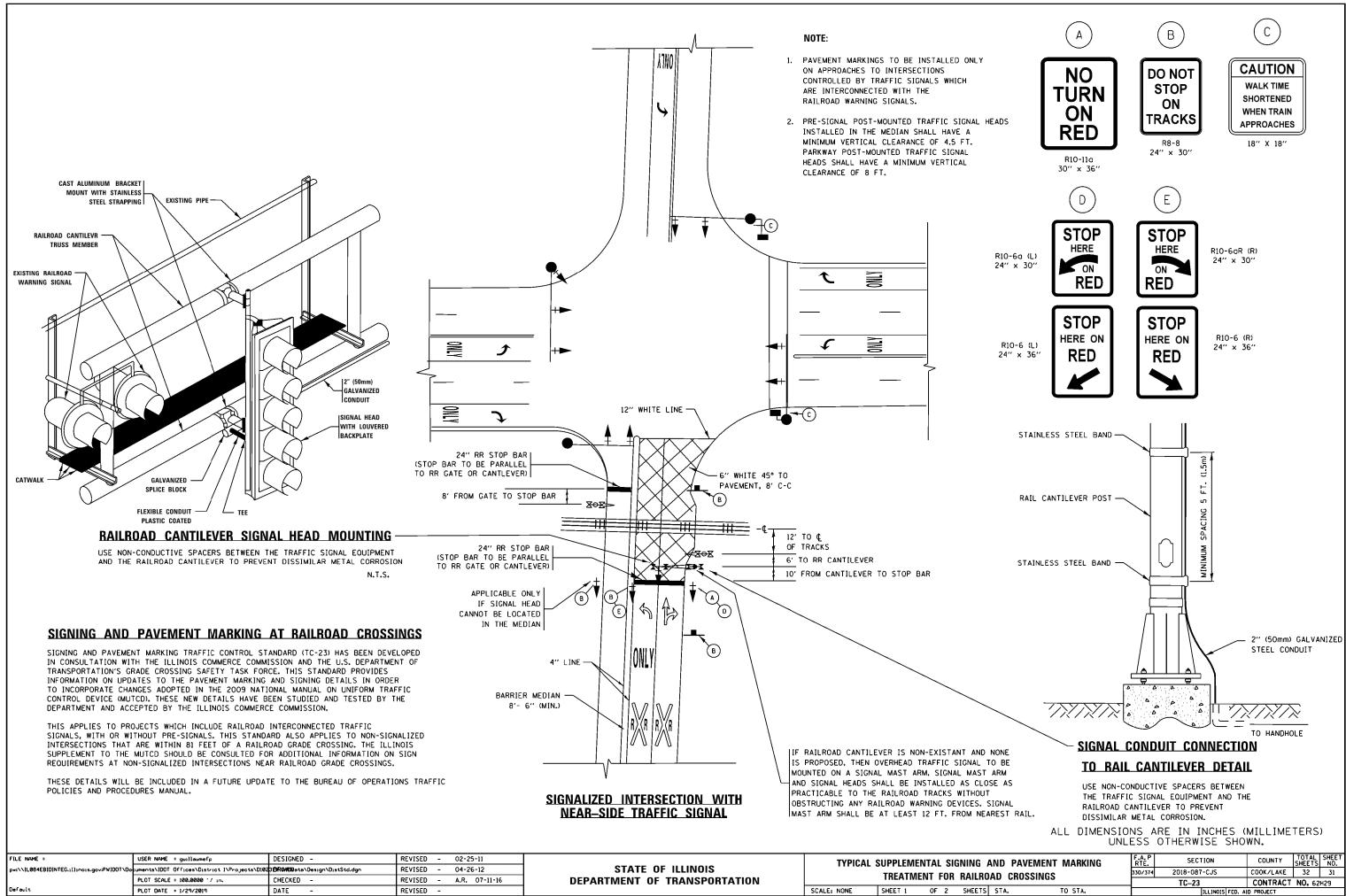
SHEET NO. 1 OF 1 SHEETS

PLOT DATE = 1/29/2019

DATE

REVISED - C. JUCIUS 01-31-07

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

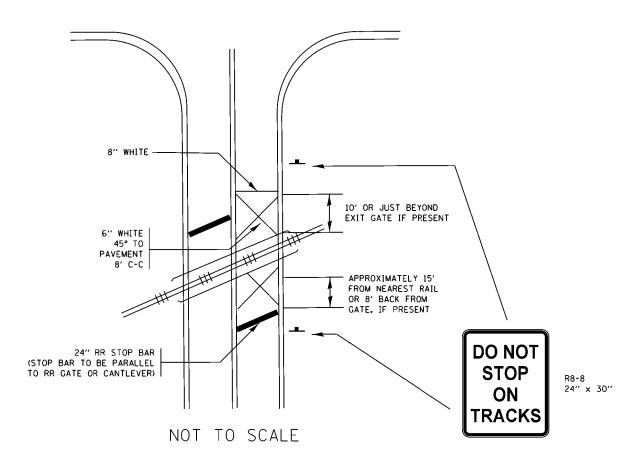


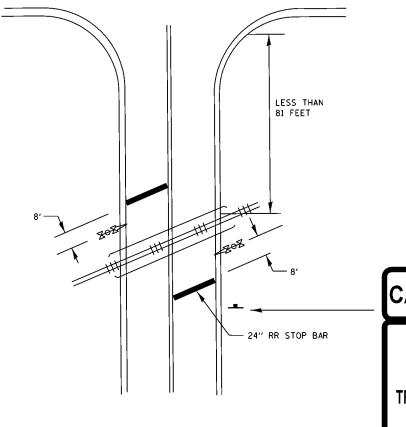
	USER NAME = guillaumetp cuments\IDDT Offices\District I\Projects\D102		REVISED - 02-25-11 REVISED - 04-26-12	STATE OF ILLINOIS	TYPICAL	SUPPLEMEN	JTAL S
	PLOT SCALE = 100.0000 '/ in.	CHECKED -	REVISED - A.R. 07-11-16	DEPARTMENT OF TRANSPORTATION		TREATMEN	NT FOF
Default.	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE: NONE	SHEET 1	0F 2

TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING TREATMENT FOR RAILROAD CROSSINGS

WITH SIGNALIZED INTERSECTION

WITH NON-SIGNALIZED INTERSECTION 81' OR LESS TO CLOSEST RAIL





NOTE:

- 1. PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- 2. WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED THE PAVEMENT MARKINGS EXTEND TO THE INTERSECTION. (SEE DETAIL FOR PRE-SIGNALS).

NOTE:

- 1. DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICHEVER IS CLOSEST, ROUNDED DOWN TO THE NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
- 2. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKING EXTEND TO THE INTERSECTION.

FILE NAME =	USER NAME = guillaumefp	DESIGNED -	REVISED - 02-25-11		TYPICAL SUPPLEMENTAL SIGNING AND PAVEMENT MARKING		F.A.P RTF.	SECTION	COUNTY TOTAL SHEET SHEETS NO.	
pws\\ILØ84EBIDINTEG.11]1no15.gov:PWIDOT\D	VTEG.;1]]nois.gov/PWIDDT\Documents\IDDT Offices\District 1\Projects\D1020BR0MDBots\Design\DistStd.dgn REVISED - 04-26-12		STATE OF ILLINOIS			330/374	2018-087-CJS	COOK/LAKE 32 32		
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - A.R. 07-11-16	DEPARTMENT OF TRANSPORTATION	TREATMENT FOR RAILROAD CROSSINGS			TC-23	CONTRACT NO. 62H29	
Default	PLOT DATE = 1/29/2019	DATE -	REVISED -		SCALE: NONE	SHEET 2 OF 2 SHEETS STA. TO STA.			IS FED. AID PROJECT	

CAUTION XX FEET

BETWEEN TRACKS AND HIGHWAY

W10-I100 30" × 36"



R8-8 24" × 30"

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