08-04-2023 LETTING ITEM 079

# STATE OF ILLINOIS

## DEPARTMENT OF TRANSPORTATION

D-91-242-22

FAP 0341 22CJ2

KANE

ILLINOIS CONTRACT NO. 62T78

13 | 1

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE **VILLAGES OF WEST DUNDEE AND SLEEPY HOLLOW** 

# **PROPOSED** HIGHWAY PLANS

FAP ROUTE 341: IL 72 /MAIN STREET 0.1 MI W. OF RICHMOND ROAD TO 0.1 MI W. OF IL 31 (8th ST) **SECTION: FAP 0341 22CJ2** 

## CRACK AND JOINT SEALING KANE COUNTY

C-91-295-22

#### TRAFFIC DATA:

0

0

0

IL 72 (MAIN ST.):

RICHMOND ROAD TO IL 31(8TH ST.): ADT (2021) = 20,100SPEED LIMIT = 35 - 45 MPH

> R 8 E LOCATION MAP IMPROVEMENT BEGINS **IMPROVEMENT ENDS** STA. 18 + 20STA. 131 + 34CARPEN-TERSVILLE GILBERT (68) EAST DUNDEE WEST DUNDEE 90/

> > **DUNDEE TOWNSHIP**

GROSS AND NET LENGTH = 11,314 FT. = 2,14 MILES

NET LENGTH = 11,314 FT. = 2.14 MILES

ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES, IN MAKING MEASUREMENTS ON REDUCED PLANS. THE ABOVE SCALES MAY BE USED.

JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS 1-800-892-0123

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432

PROJECT MANAGER: FAWAD AQUEEL

CONTRACT NO. 62T78

STATE OF ILLINOIS SUBMITTED \_\_\_\_\_\_\_ NAT 8 20 23

LOCATION OF SECTION INDICATED THUS: - -

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

SHEET NO.	DESCRIPTION	STANDARD NO.	DESCRIPTION
1	COVER SHEET	000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES	701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
3	SUMMARY OF QUANTITIES	701011-04	OFF-RD MOVING OPERATIONS, 2L, 2W, DAY ONLY
	·	701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
4-8	ROADWAY AND PAVEMENT MARKING PLANS	701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
9	PD-11: CRACK AND JOINT SEALING DETAIL	701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS $\geq$ 45 MPH
10	TC-10: TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS.	701311-03	LANE CLOSURE, 2L, 2W MOVING OPERATIONS - DAY ONLY
10	INTERSECTIONS AND DRIVEWAYS	701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55_MPH
11	TC-13: DISTRICT ONE TYPICAL PAVEMENT MARKINGS	701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS > 40 MPH
		701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS $\leq$ 40 MPH
12	TC-14: CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
13	TC-22: ARTERIAL ROAD INFORMATION SIGN	701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
		701901-08	TRAFFIC CONTROL DEVICES

#### **GENERAL NOTES**

- 1. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF WEST DUNDEE, AND VILLAGE OF SLEEPY HOLLOW
- 2. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN-HOSADURGA, THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR, AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- 4. 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 ASSHOWN ON THE PLANS OR DIRECTED BY THE RESIDENT ENGINEER.
- 5. THE RESIDENT ENGINEER SHALL CONTACT WALTER CZARNY, AREA TRAFFIC FIELD ENGINEER, VIA E-MAIL AT WALTER.CZARNY@ILLINOIS.GOV, A MINIMUM OF 2 WEEKS PRIOR TO PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 7. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
- 8. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIME DURING CONSTRUCTION.
- 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."

 USER NAME
 = aaron.greifzu
 DESIGNED
 REVISED

 DRAWN
 REVISED

 PLOT SCALE
 = 100.0000 ' / in.
 CHECKED
 REVISED

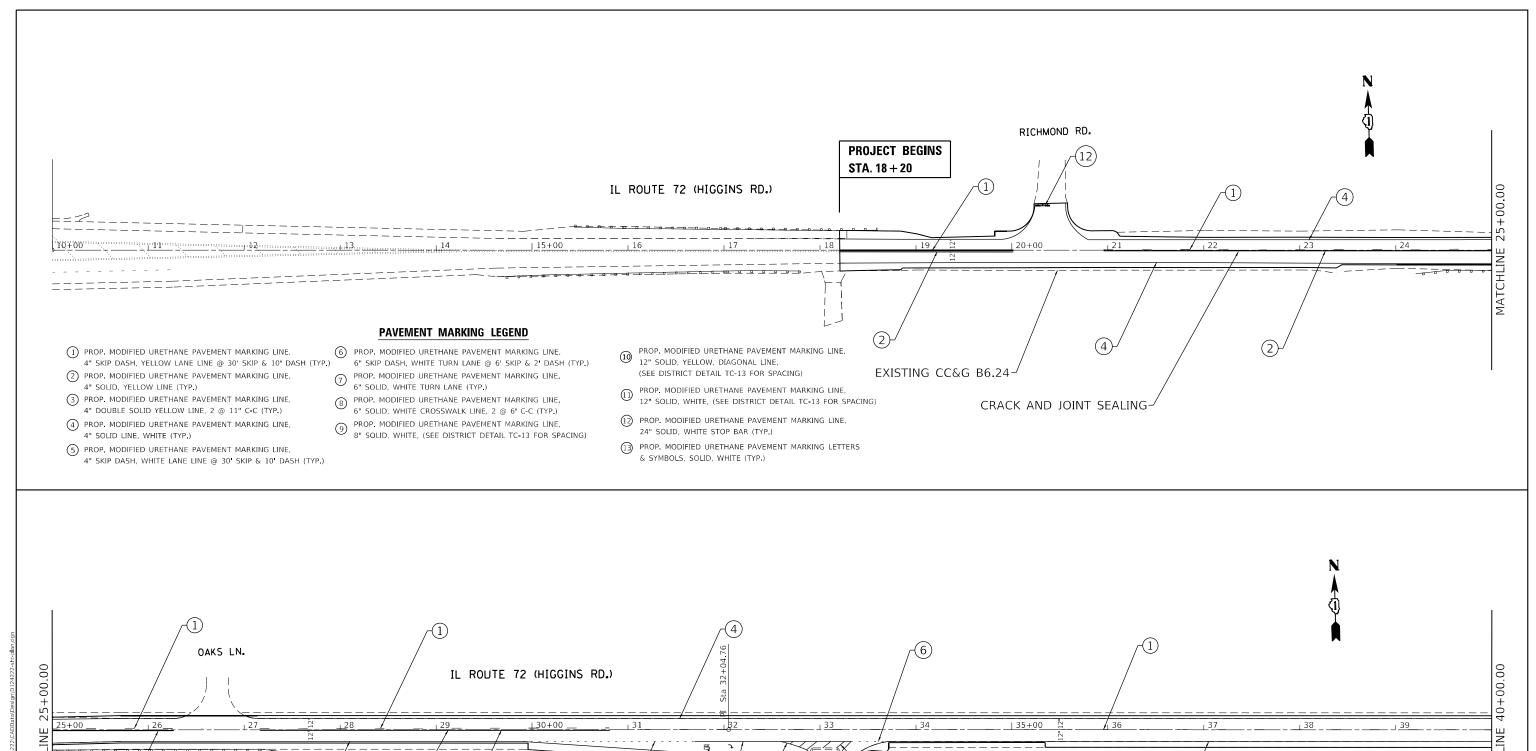
 PLOT DATE
 = 5/4/2023
 DATE
 REVISED

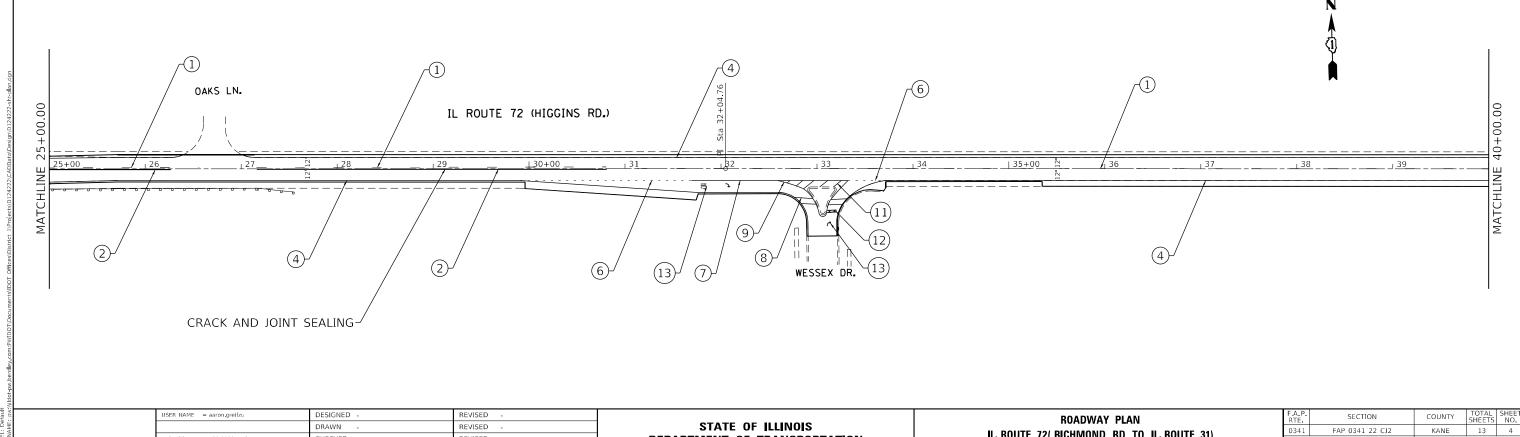
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 72 (MAIN ST): RICHMOND RD TO IL 31
INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES

CALE: SHEET OF SHEETS STA. TO STA.

	SUMMARY	OF QUANTITIES					TRUCTION TYPE	CODE			SUMMARY OF QUANTITIES			-	CONSTRUCTIO	N TYPE CODE	
CODE NO		ITEM	UNIT	TOTAL QUANTITIES URBAN	ROADWAY					CODE NO	ITEM	UNIT	TOTAL OUANTITIES URBAN	ROADWAY			
15100100	CRACK ROUTING (P	AVEMENT)	FOOT	44825	44825					78009008	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	1005	1005			
											LINE 8"						
15100200	CRACK FILLING		POUND	12810	12810												
										78009012	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	1560	1560			
67100100	MOBILIZATION		L SUM	1	1						LINE 12"						
70100310	TRAFFIC CONTROL	AND PROTECTION	L SUM	,	,					78009024	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	500	500			
70100310		AND PROTECTION,	L SUM	1	1				•	78009024		1001	600	600			
	STANDARD 701421										LINE 24"						+
70100460	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	1				*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	25			
	STANDARD 701306																
										78300200	RAISED REFLECTIVE PAVEMENT MARKER	EACH	25	25			
70102620	TRAFFIC CONTROL	AND PROTECTION,	L SUM	1	1						REMOVAL						
	STANDARD 701501																
										x6700407	ENGINEER'S FIELD OFFICE, TYPE A (D1)	CAL MO	6	6			
70102632	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	1												
	STANDARD 701602									Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	102	102			
70102635	TRAFFIC CONTROL	AND PROTECTION.	L SUM	1	1												
	STANDARD 701701																
78009000	LETTERS AND SYMB	E PAVEMENT MARKING -	SO FT	1466	1466												
78009004	MODIFIED URETHAN	E PAVEMENT MARKING -	FOOT	36152	36152												
	LINE 4"																
78009006	MODIFIED UPETUAN	E PAVEMENT MARKING -	FOOT	4620	4620												_
. 000 1006	LINE 6"	E . ATEMENT MAINTING -	7 001	1020	7020												
		• SPECIALTY ITEMS	S														
LE NAME =		NAME = aaron.greif zu D  ct \( \text{NProjects} \tag{\text{D}24222\cdot \text{ADData} \text{Design} \text{D}124222\cdot \text{N}1\cdot \text{SO}} \)	ESIGNED - POAWN -		REVISED REVISED	-		ST	ATE OF I	LLINOIS	IL 72 (MAIN S				F.A.P. SECTI		TOTAL SHEETS
,,	PLOT	SCALE = 100.0000 '/ in. C	HECKED - ATE -		REVISED REVISED	-		DEPARTME			SCALE: SHEET NO. OF	ARY OF QUANT			0341 FAP 0341	22 CJ2 KANE CONTRACT	13 T NO. 6





**DEPARTMENT OF TRANSPORTATION** 

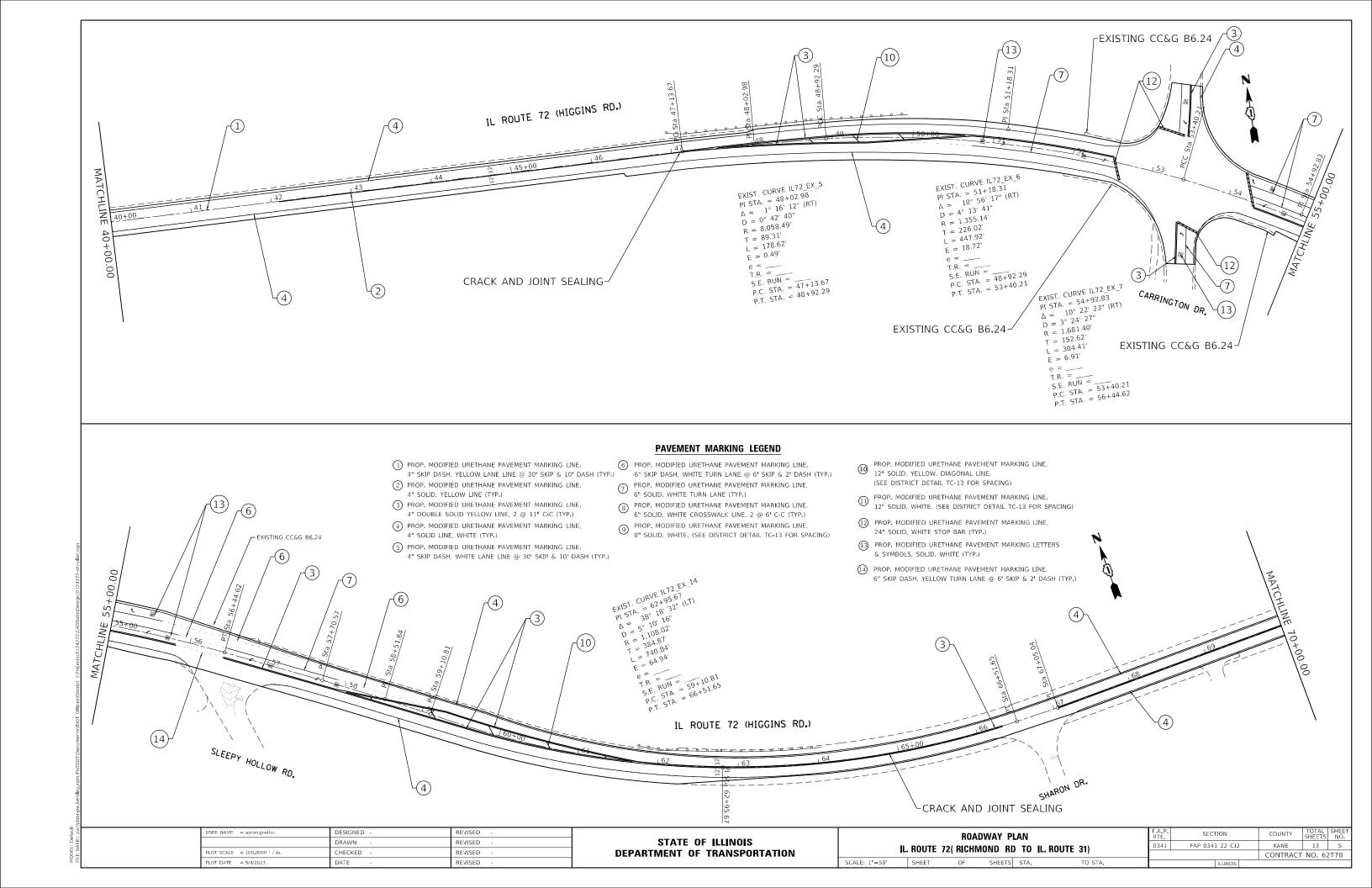
CHECKED

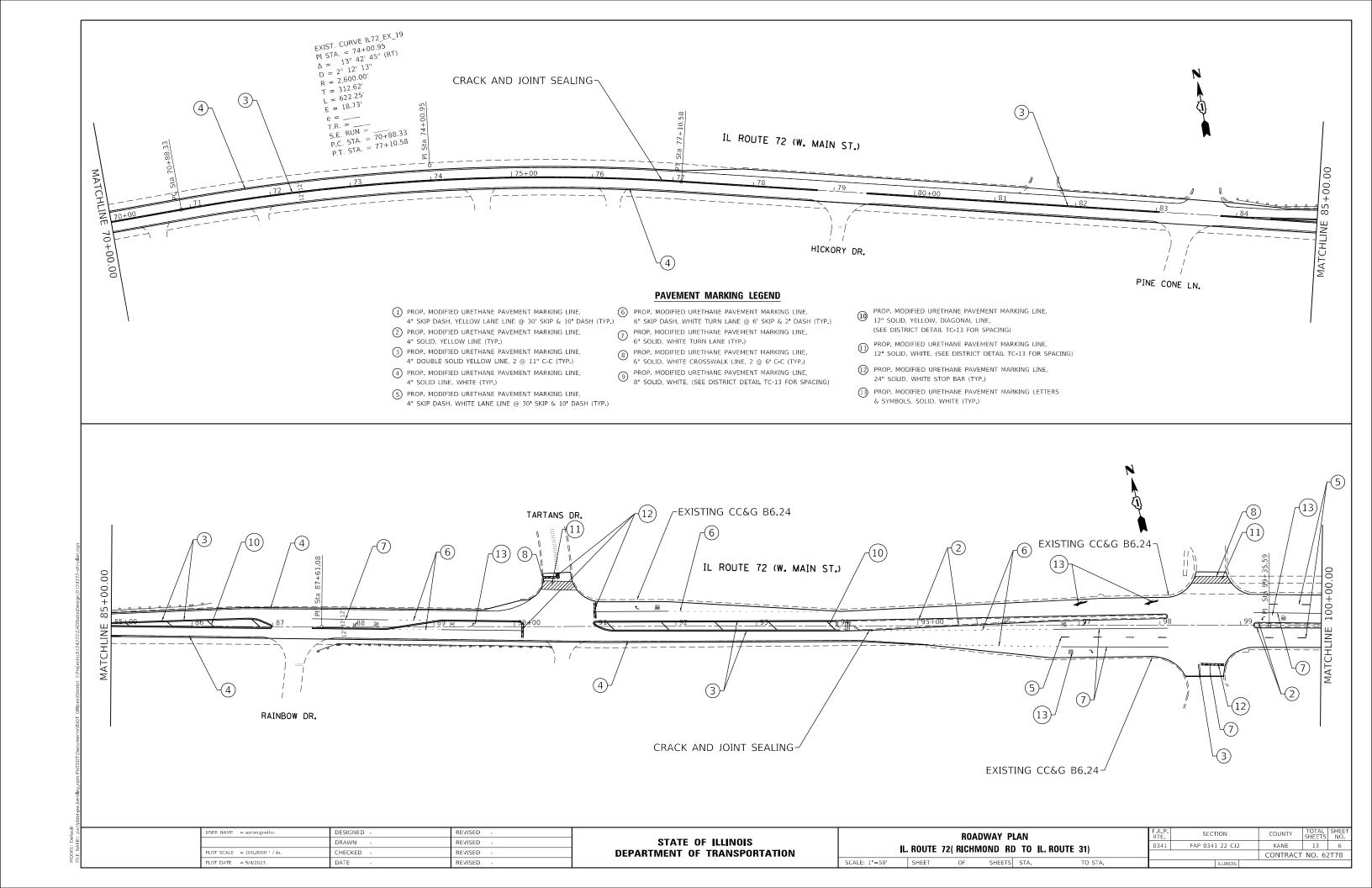
REVISED

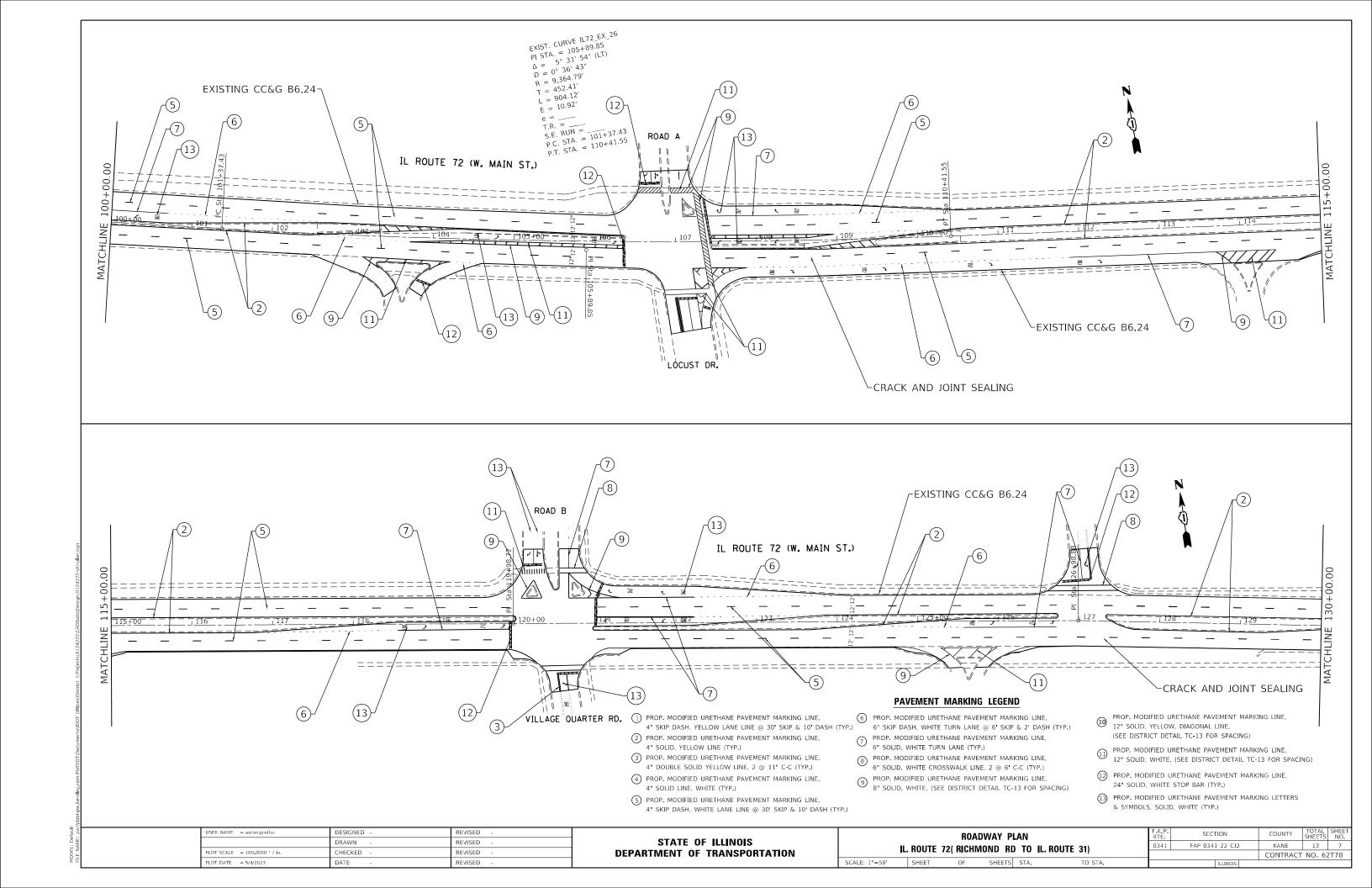
IL. ROUTE 72( RICHMOND RD TO IL. ROUTE 31)

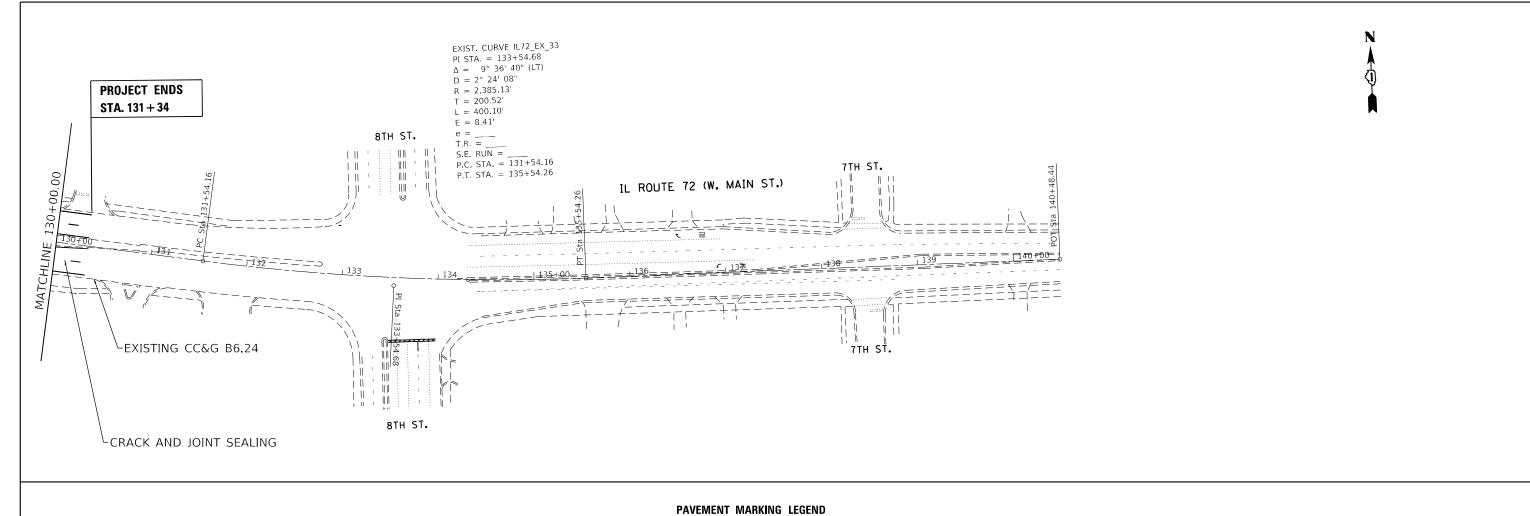
OF SHEETS STA.

CONTRACT NO. 62T78









1 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH, YELLOW LANE LINE @ 30' SKIP & 10' DASH (TYP.)

2 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID, YELLOW LINE (TYP.)

3 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" DOUBLE SOLID YELLOW LINE, 2 @ 11" C-C (TYP.)

4 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SOLID LINE, WHITE (TYP.)

5 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 4" SKIP DASH, WHITE LANE LINE @ 30' SKIP & 10' DASH (TYP.)

6 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SKIP DASH, WHITE TURN LANE @ 6' SKIP & 2' DASH (TYP.)

 $\begin{tabular}{ll} \hline \end{tabular} \begin{tabular}{ll} PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, \\ 6" SOLID, WHITE TURN LANE (TYP.) \\ \hline \end{tabular}$ 

8 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 6" SOLID, WHITE CROSSWALK LINE, 2 @ 6' C-C (TYP.)

9 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 8" SOLID, WHITE, (SEE DISTRICT DETAIL TC-13 FOR SPACING)

PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, PROP. MODIFIED SIGNAL LINE,
12" SOLID, YELLOW, DIAGONAL LINE, (SEE DISTRICT DETAIL TC-13 FOR SPACING)

PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 12" SOLID, WHITE, (SEE DISTRICT DETAIL TC-13 FOR SPACING)

12 PROP. MODIFIED URETHANE PAVEMENT MARKING LINE, 24" SOLID, WHITE STOP BAR (TYP.)

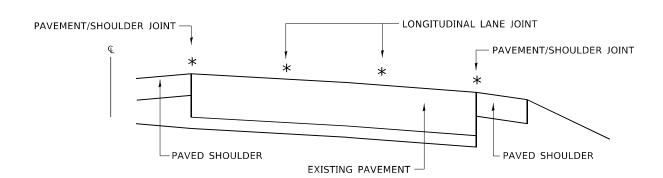
SCALE: 1"=50"

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

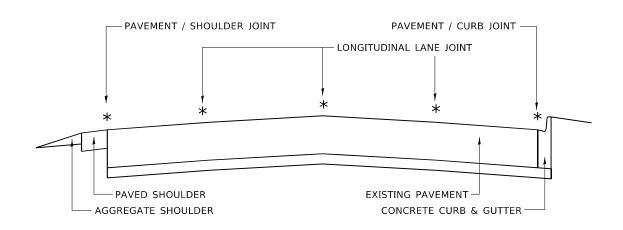
USER NAME = aaron.greifzu	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	
PLOT DATE = 5/4/2023	DATE -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

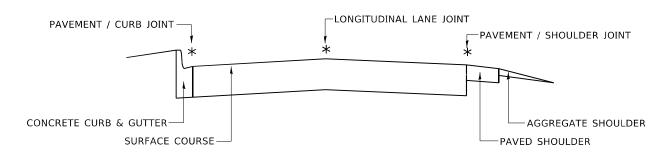
		ROA	DWAY PI	.AN		F.A.P. SECTION COUNTY		TOTAL SHEETS	SHEET NO.	
ı	L. ROUTE 72( RICHMOND RD TO IL. ROUTE 31)						FAP 0341 22 CJ2	KANE	13	8
LINOUIL 72( INJUNIVIONED IND TO ILL NOUTE 31)								CONTRAC	T NO. 62	2T78
	SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS			



#### MULTI-LANE DIVIDED PAVEMENT



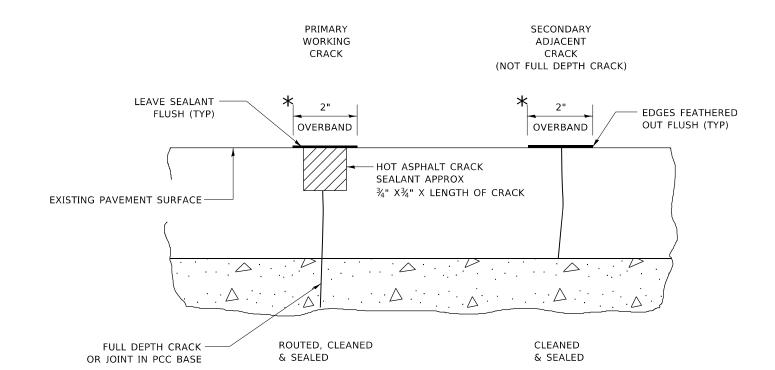
#### MULTI-LANE UNDIVIDED PAVEMENT



### TWO-LANE PAVEMENT

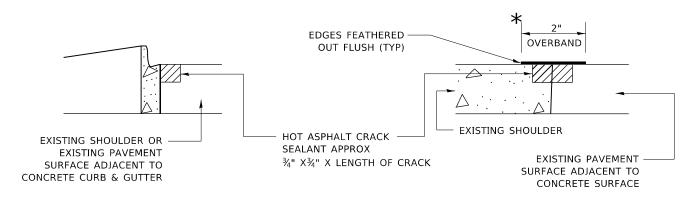
\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

# 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

USEK NAME = aaron,grenzu	DESIGNED	-	F. Aqueel / A. Midy	KEVISED	-
	DRAWN	-		REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-		REVISED	-
PLOT DATE = 5/4/2023	DATE	-	10/08/2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

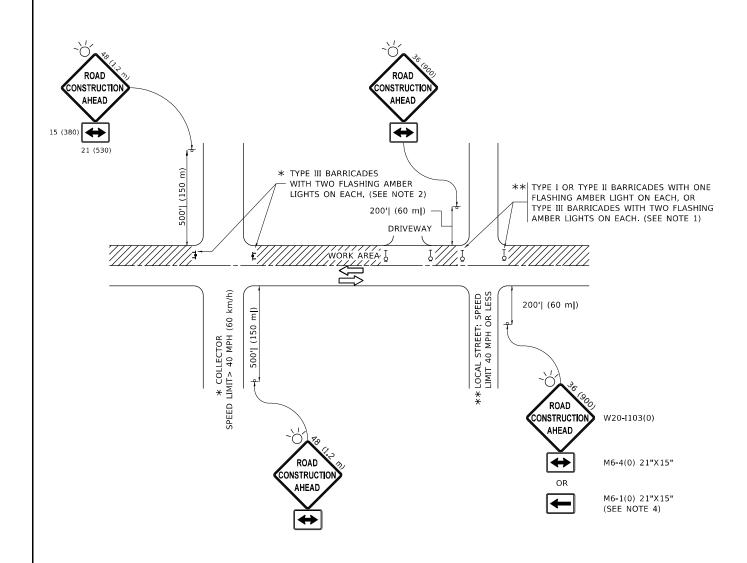
CRACK & JOINT SEALING DETAIL (PD-11)

SHEET OF SHEETS STA. TO STA.

 
 F.A.P. RTE.
 SECTION
 COUNTY
 TOTAL SHEETS
 SHEET NO.

 0341
 FAP 0341 22 CJ2
 KANE
 13
 9

 CONTRACT NO. 62T78



#### 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.
- THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY
  b) 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
- WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE
  4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL
  BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

SCALE: NONE

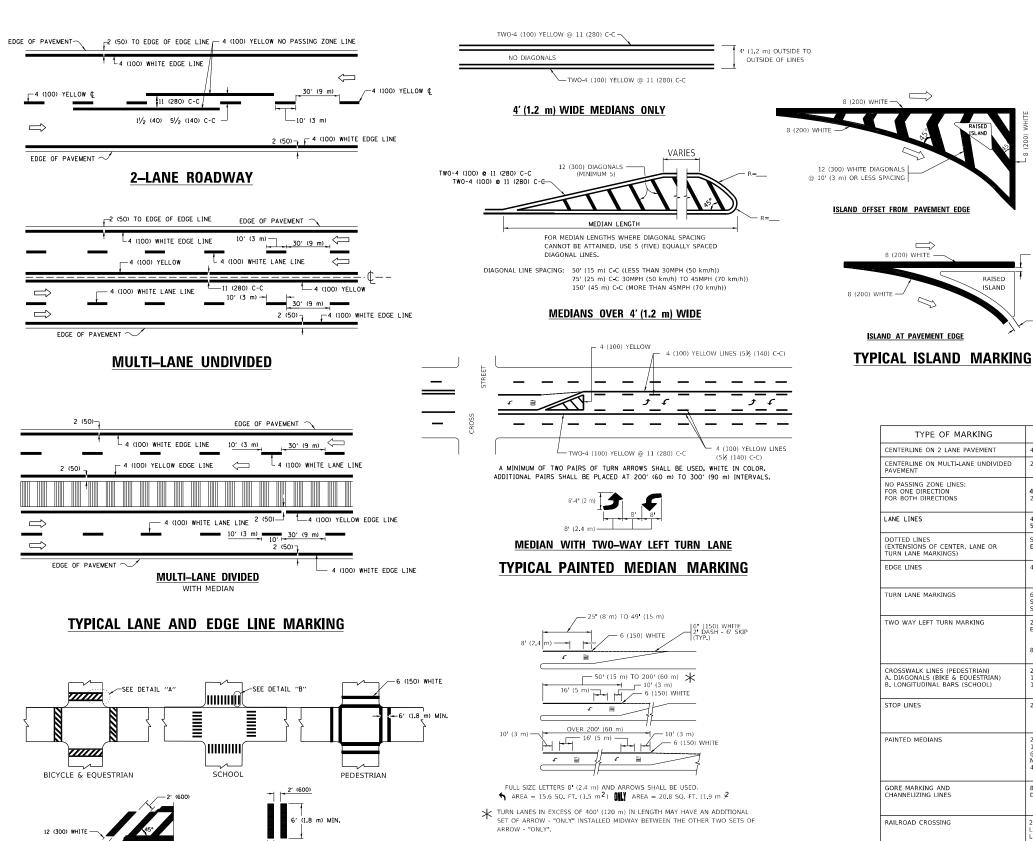
- 5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
- 6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED 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.

USER NAME = aaron.greifzu	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 5/4/2023	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16

STATE 0	F ILLINOIS
<b>DEPARTMENT OF</b>	TRANSPORTATION

	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS							SECTION
CI								0341 FAP 0341 22 CJ2
J	DE HUAI	TC-10						
	SHEET 1	0	- 1	SHEETS	STA.	TO STA.		ILLINOIS



TYPICAL TURN LANE MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE

D(FT) SPEED LIMIT 45 50 **COMBINATION** LEFT AND U-TURN 5'-4" (1620) √ 32 R (810) LANE REDUCTION TRANSITION

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

			<u> </u>	
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	5½ (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	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
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' (500) APART 2' (500) APART 5EE 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.
GORE 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 PEACH "X"=54.0 SQ. FT. (5.0 m PEACH
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

**U-TURN** 

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

8 (200) WHITE -

RAISED

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

USER NAME = aaron.grelfzu	DESIGNED	-	EVERS	REVISED	-	C. JUCIUS 09-09-09
	DRAWN	-		REVISED	-	C. JUCIUS 07-01-13
PLOT SCALE = 100.0000 / in.	CHECKED	-		REVISED	-	C. JUCIUS 12-21-15
PLOT DATE = 5/4/2023	DATE	-	03-19-90	REVISED	-	C. JUCIUS 04-12-16

12 (300) WHITE

DETAIL "B"

- 6 (150) WHITE

TYPICAL CROSSWALK MARKING

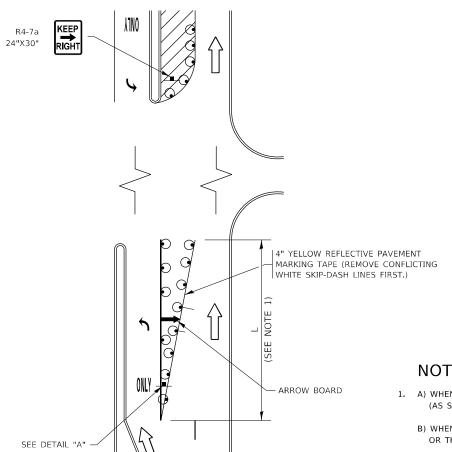
 $m{\star}$  MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

DETAIL "A"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

	DISTRICT ONE TYPICAL PAVEMENT MARKINGS						SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							FAP 0341 22 CJ2	KANE	13	11
							TC-13 CONTRACT NO.			
	SHEET 1	OF 2	SHEETS	STA.	TO STA.		ILLINOIS FED. A	D PROJECT		

# TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



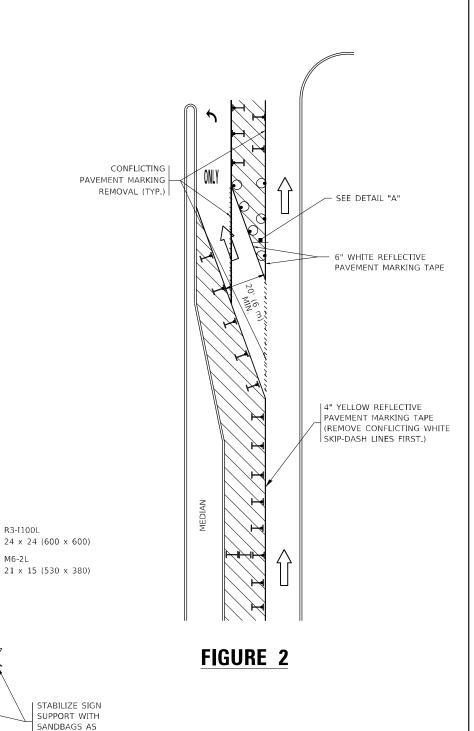
## FIGURE 1

# **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 ≤ 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-I100R 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 PREOUIREMENTS.
- 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.

# **TURN BAY ENTRANCE** WITHIN A LANE CLOSURE



## **DETAIL A**

TURN LANE

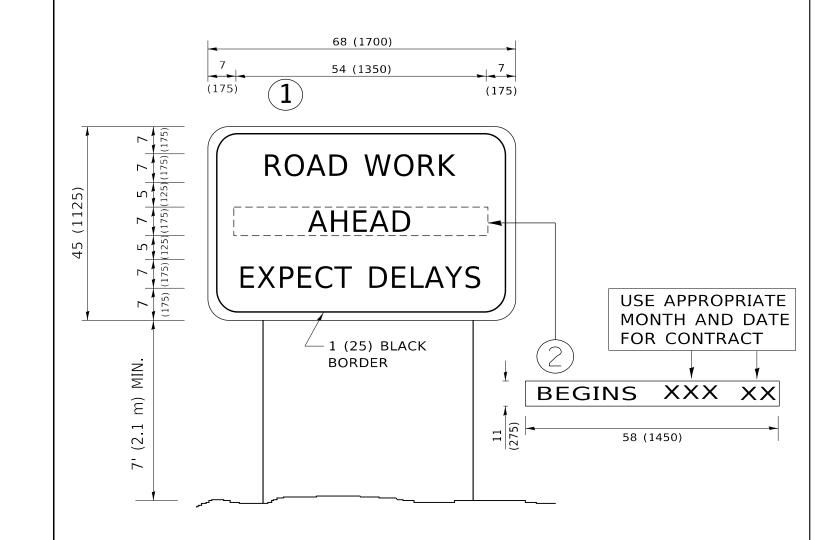
All dimensions are in inches (millimeters) unless otherwise shown.

OSEN NAME = darbit.grelizu	DESIGNED	- 1.	RAMMACHER U9-U8-94	KENIZED	-	N. BUNU 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 = 5/4/2023	DATE	- T.	RAMMACHER 01-06-00	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TRAFF	IC CONT	ROL AND	PROTEC	TION 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	SHEE NO.	
0341	FAP 0341 22 CJ2	KANE	13	12		
	TC-14	CONTRACT NO. 62T78				
	TILIMOIS	EED A	D 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.)

SCALE: NONE

7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

USER NAME = aaron.greifzu	DESIGNED -	REVISED	-	R. MIRS 09-15-97
	DRAWN -	REVISED	-	R. MIRS 12-11-97
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED	- T.	RAMMACHER 02-02-9
PLOT DATE = 5/4/2023	DATE -	REVISED	-	C. JUCIUS 01-31-07

ARTERIAL ROAD INFORMATION SIGN					F.A. RTE	F.A.P. SECTION				
					034	0341 FAP 0341 22 CJ2				
						TC-22				
	SHEET	1	OF	1	SHEETS STA	. TO STA.			ILLINOIS	FE