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# STATE OF ILLINOIS

**DEPARTMENT OF TRANSPORTATION** 

D-91-522-20

SECTION

IOIS CONTRACT NO. 62M00

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF PLAINFIELD AND CITY NAPERVILLE

TRAFFIC DATA:

ADT (2019) = 49300

IL 59:

# **PROPOSED** HIGHWAY PLANS

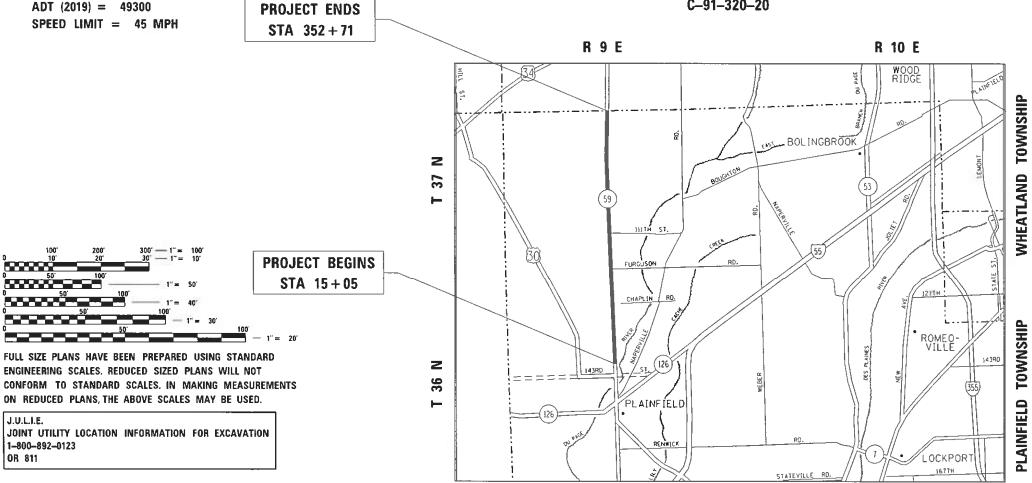
**FAP ROUTE 338: IL 59** DUPAGE CO LINE TO N OF PHEASANT CHASE DR **SECTION: 2020–122–1** 

# **CRACK AND JOINT SEALING WILL COUNTY**

C-91-320-20

GROSS LENGTH = 33766 FT. = 6.395 MILES

NET LENGTH = 33766 FT. = 6.395 MILES





LOCATION OF SECTION INDICATED THUS: -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

**CONTRACT NO. 62M00** 

PROJECT MANAGER: FAWAD AQUEEL

PROJECT ENGINEER: VESELIN VELICHKOV (847) 705-4432

(847) 705-4247

**REV-SEP** 

#### **INDEX OF SHEETS**

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
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17	CRACK AND JOINT SEALING DETAIL
18	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
19	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
20	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
21	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
22	ARTERIAL ROAD INFORMATION SIGNING (TC-22)

#### STATE STANDARDS

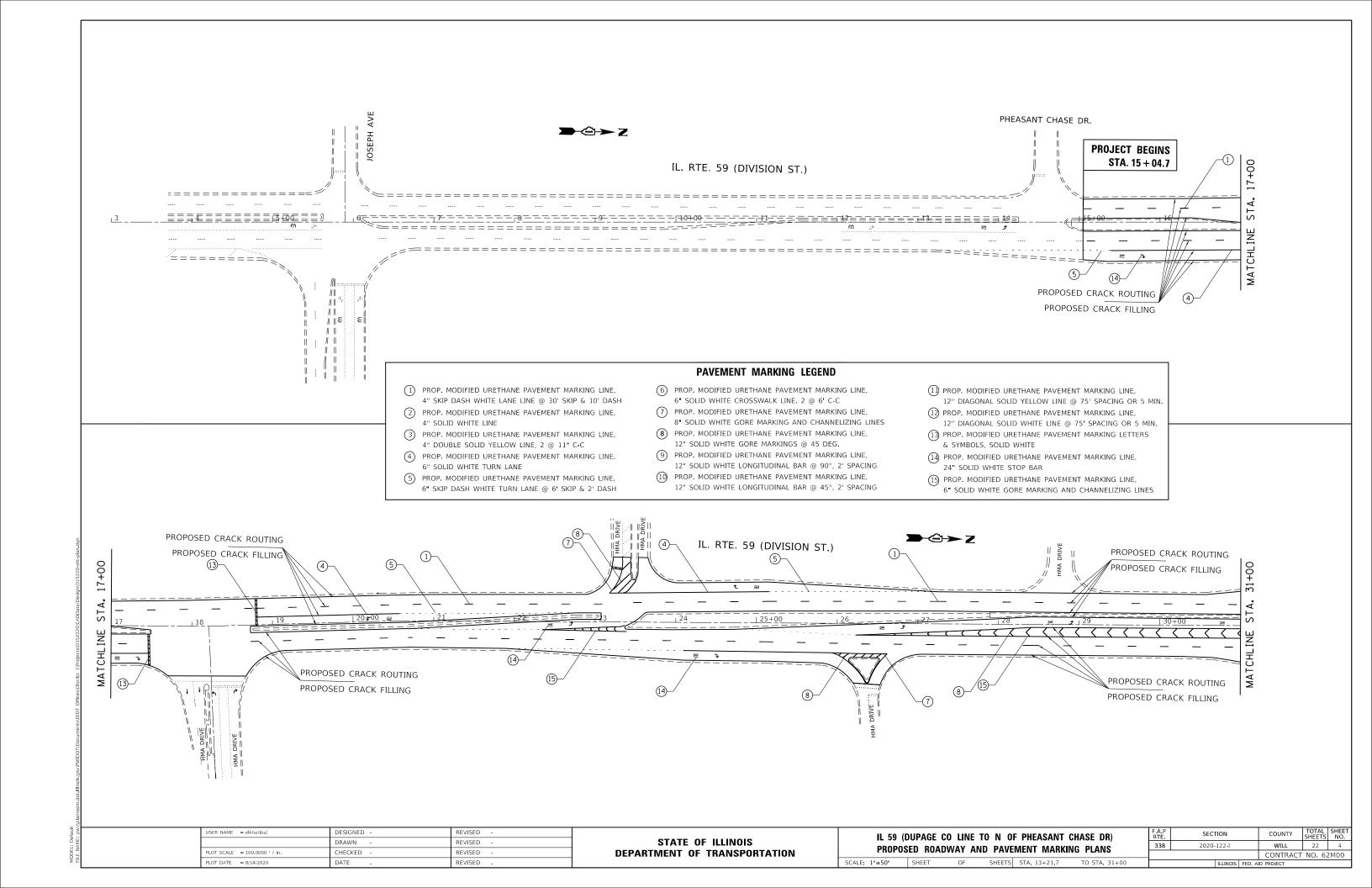
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442101-09	CLASS B PATCHES
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

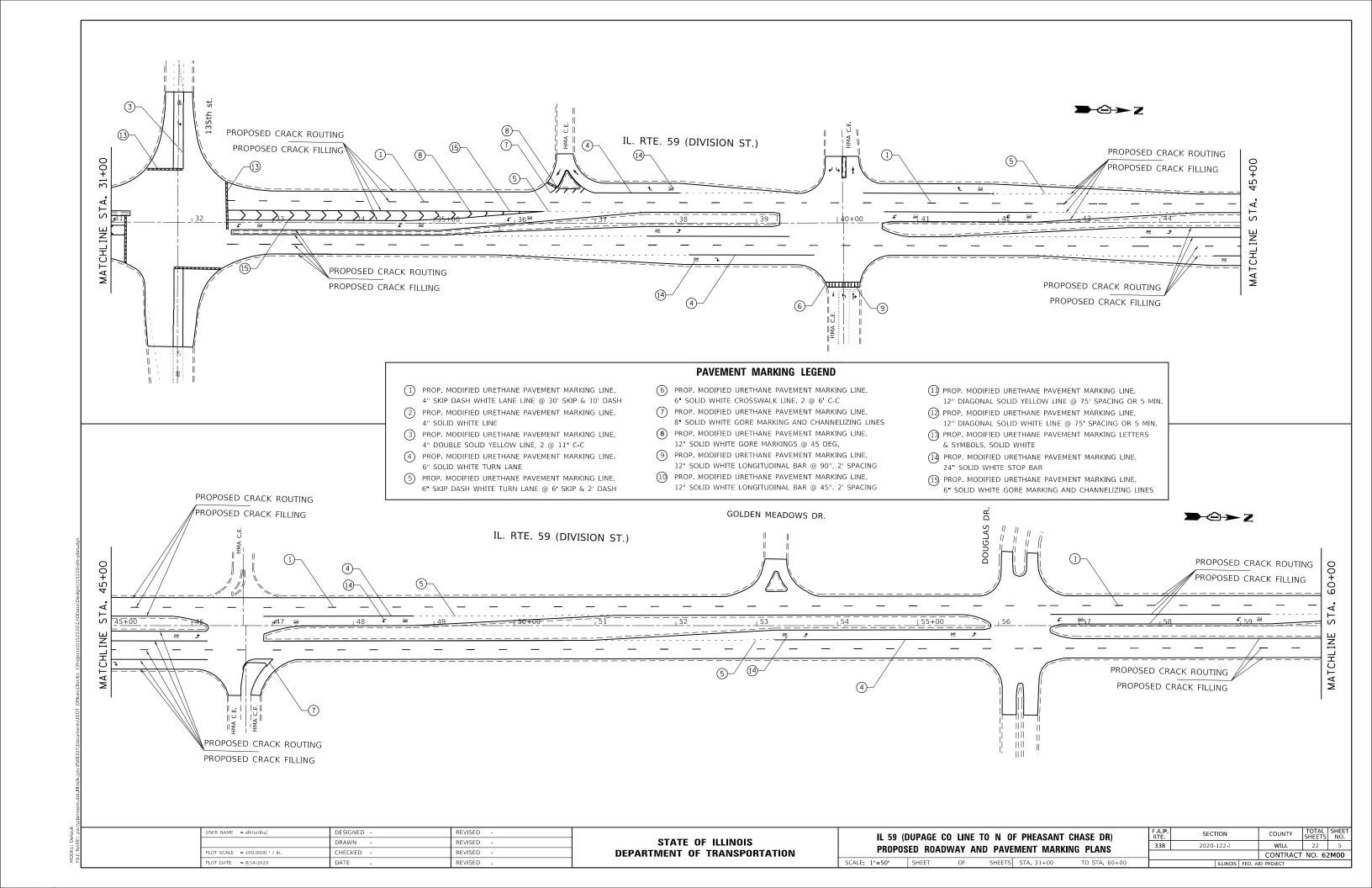
#### **GENERAL NOTES**

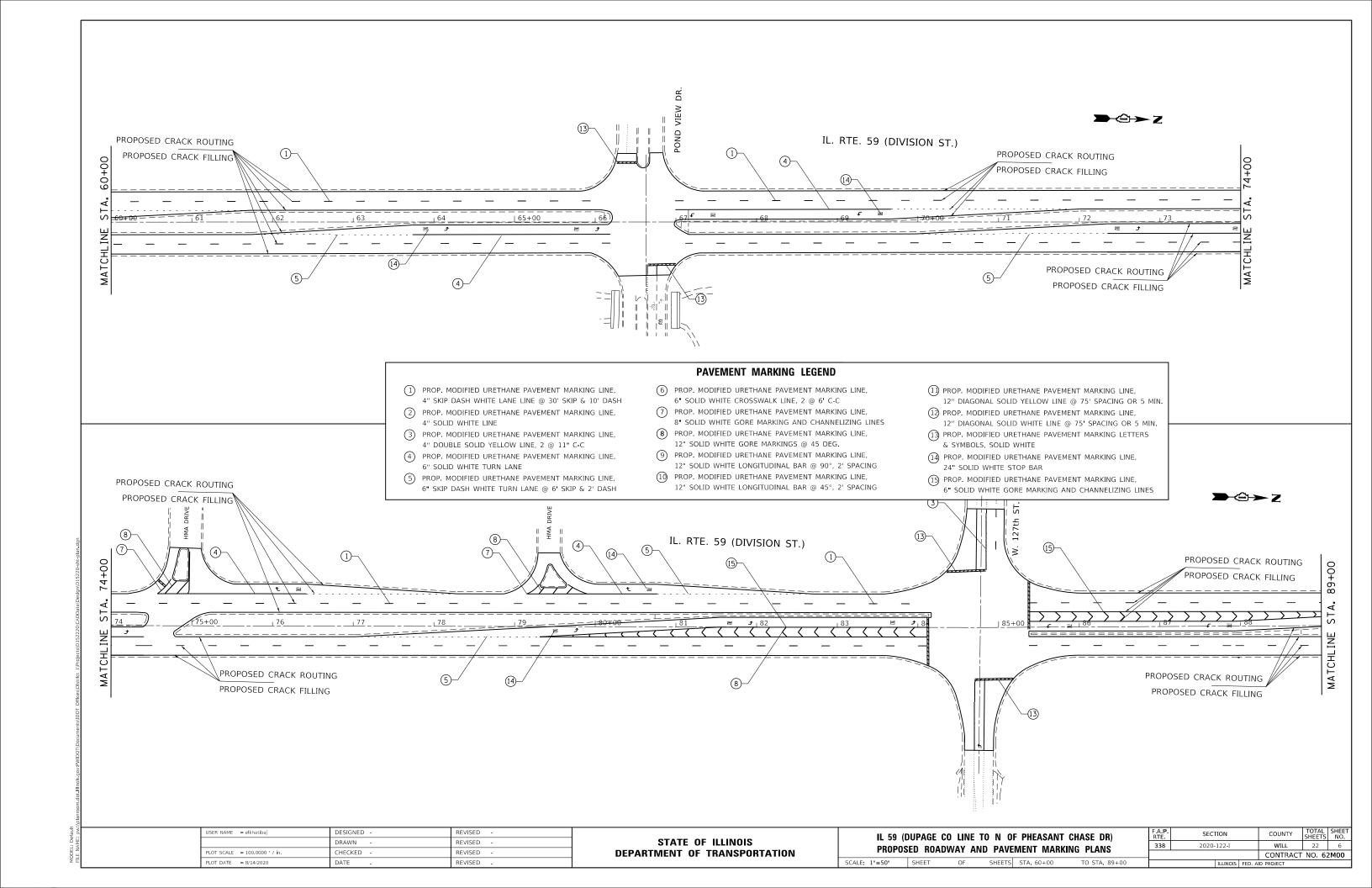
- 1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E". AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.
- 2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES OF THE CITY OF NAPERVILLE AND THE VILLAGE OF PLAINFIELD.
- 3. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT NO ADDITIONAL COST TO THE DEPARTMENT.
- 4. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 6. 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 WORK.
- 7. THE ENGINEER SHALL CONTACT EMAD ALHUSSEINI AREA TRAFFIC FIELD ENGINEER AT EMAD.ALHUSSEINI@ILLINOIS.GOV A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
- 8. ALL CRACK ROUTING & CRACK SEALING 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 THE PAVEMENT.
- 9. 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.
- 10. 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.
- 11. DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATION, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.
- 12. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- 13. BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE, ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.

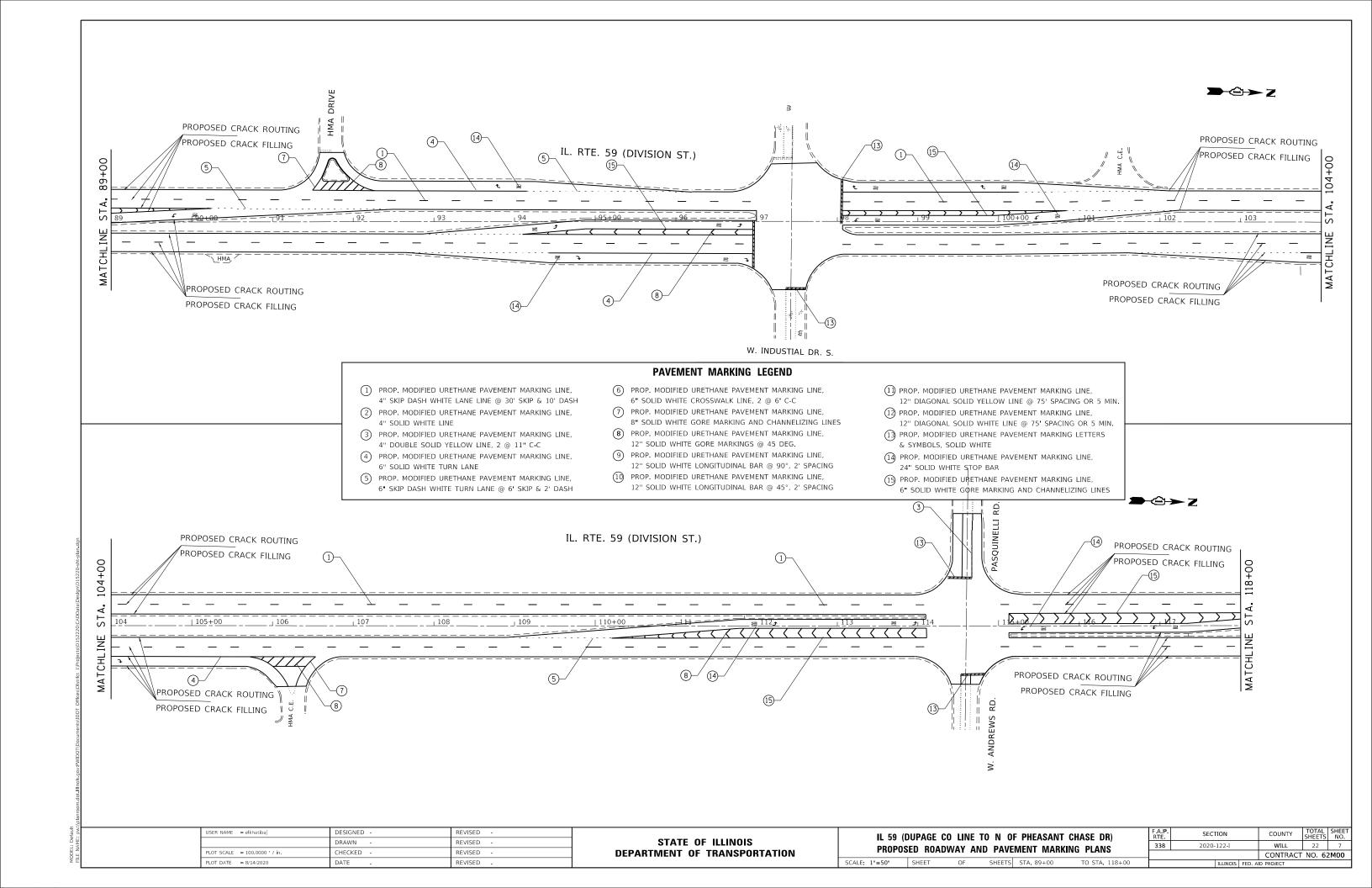
USER NAME = elkhatibaj	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 8/14/2020	DATE -	REVISED -

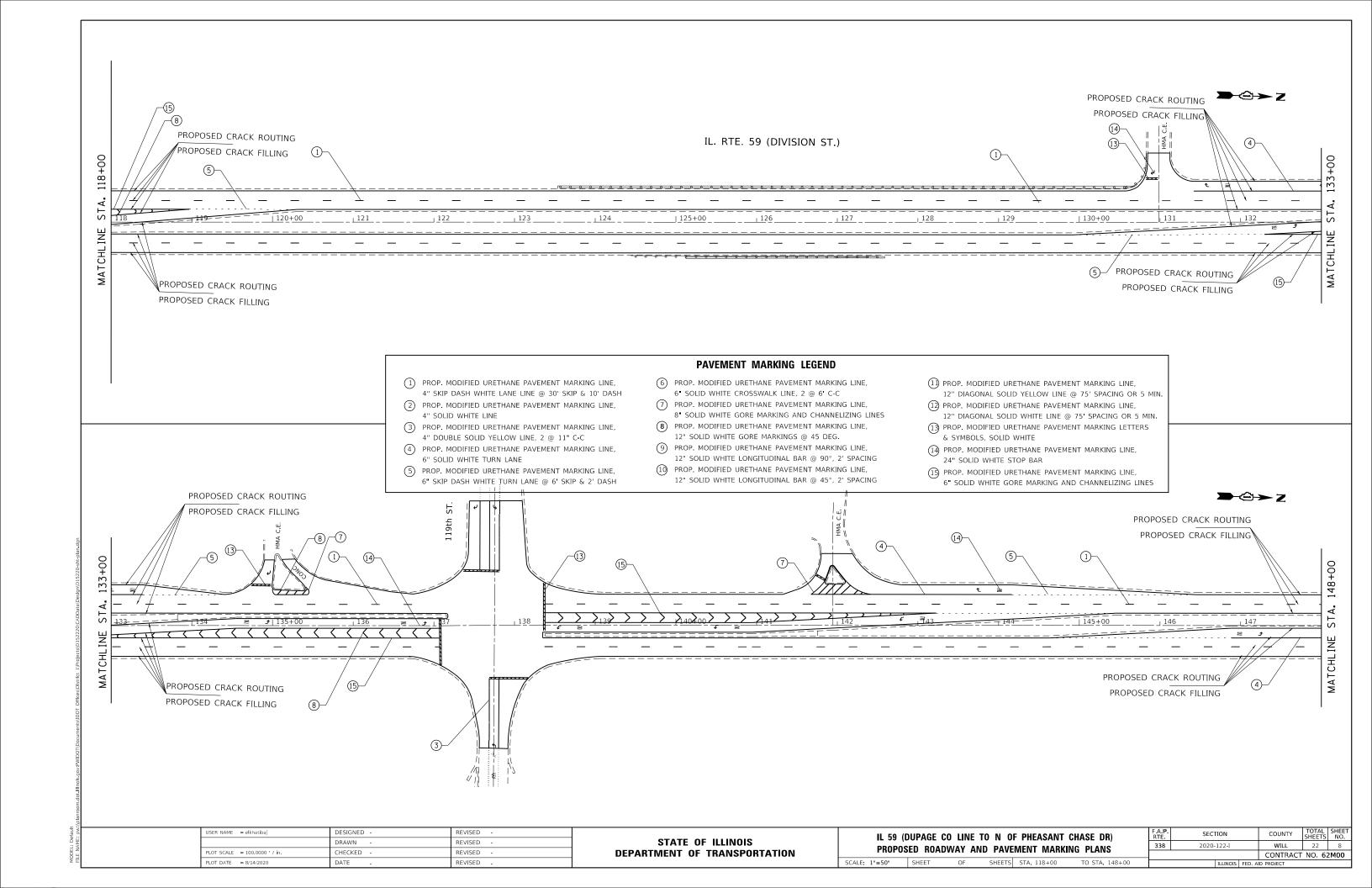
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## 1500000 MODIFIED UPERHAP PACIFIEST WARTER WATER 111. 10 INCH 50 TO 658 MADE 1 12											7800900	4 MODIFIED UR	RETHANE PAVEMENT MARKING -	FOOT	21489	21489					
CALSES B-PACCES, TYPE 17, 30 INC.   SO TO   SEE   SE	00970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	658	658							LINE 4"									
### CLASS B PATCHES, TYPE TV. 10 INCH 50 TO 808 809	00974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	658	658						<b>*</b> 7800900	6 MODIFIED UR	ETHANE PAVEMENT MARKING -	FOOT	36165	36165					
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4201099 DOMEL BARS 1 1/2"  1421200 SAM CUTS  17001 SHEZ SHEZ  17001 SHEZ SHEZ  17001 SHEZ SHEZ  17001	00976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	658	658																
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45200100 JOINT OR CRACK ROUTING CPC CONCRETE   FOOT   26129   26129	3200	SAW CUTS	FOOT	3462	3462						780090	2 MODIFIED UR	ETHANE PAVEMENT MARKING -	FOOT	6077	6077					
PAVEMENT AND SHOULDERS)    1												LINE 12"									
LINE 24"	00100	JOINT OR CRACK ROUTING (PC CONCRETE	FOOT	26129	26129																
45200300 JOINT OR CRACK FILLING POUND 82116 B2116		PAVEMENT AND SHOULDER)		1		1	1				780090	4 MODIFIED UR	ETHANE PAVEMENT MARKING -	FOOT	2311	2311					
## 200100 MOBILIZATION												LINE 24"									
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STANDARD 701801   STANDARD 7											X440050	COMBINATIO	N CURB AND GUTTER REMOVAL AND	FOOT	2027	2027					
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STANDARD 701601												REMOVAL AND	REPLACEMENT								
TO102635 TRAFFIC CONTROL AND PROTECTION,	2630	TRAFFIC CONTROL AND PROTECTION.	L SUM	1	1																
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PM-\s\arange are comadd	ME =	USER NAME = elkhatibaj	DESIGNED -		REVISED	-	<u> </u>		<u> </u>				II FO (BUBACE OO LIVE T	O N OF F	IFACANT O	ACE DE	F.A.P.	SECT			
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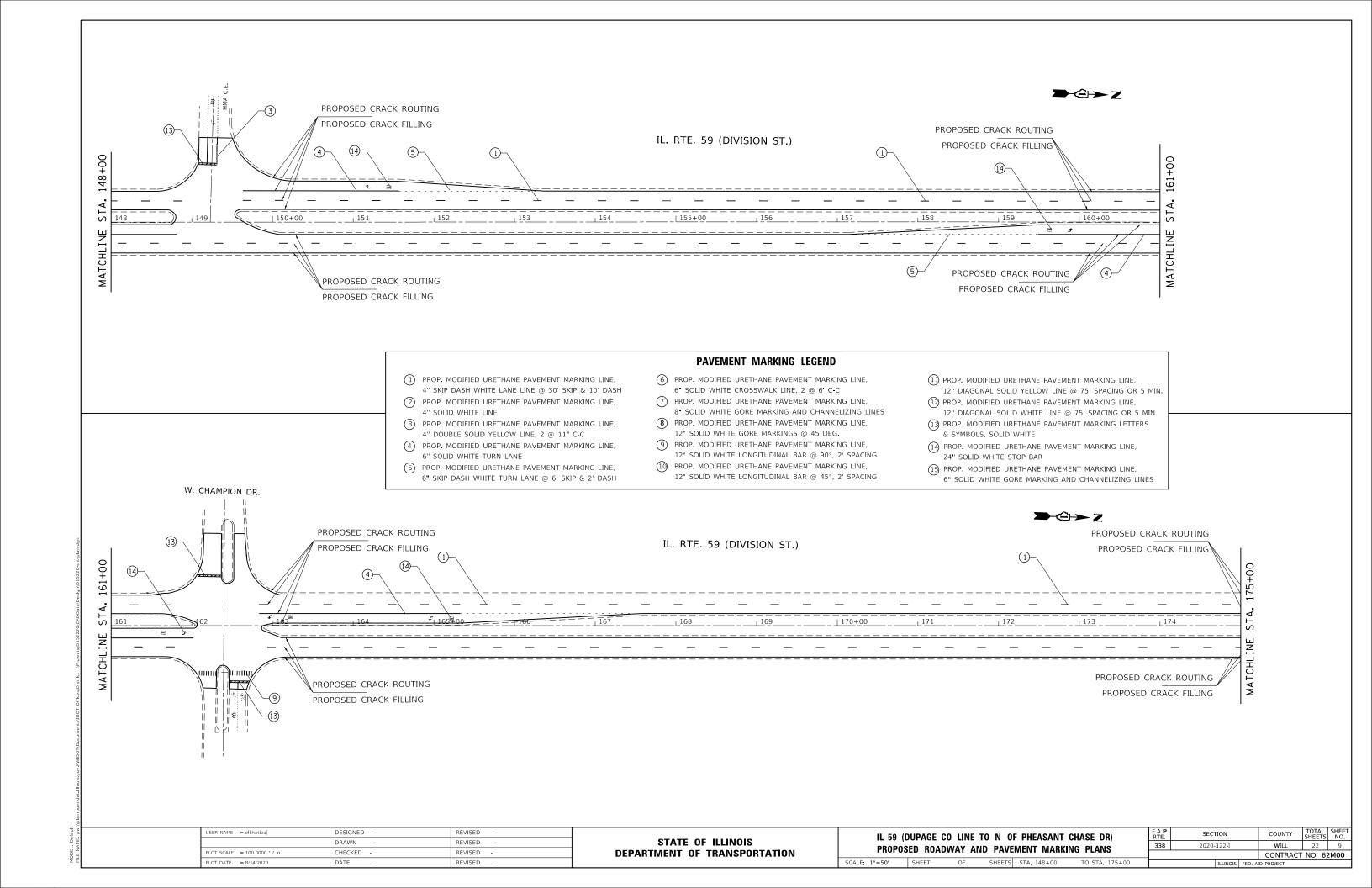


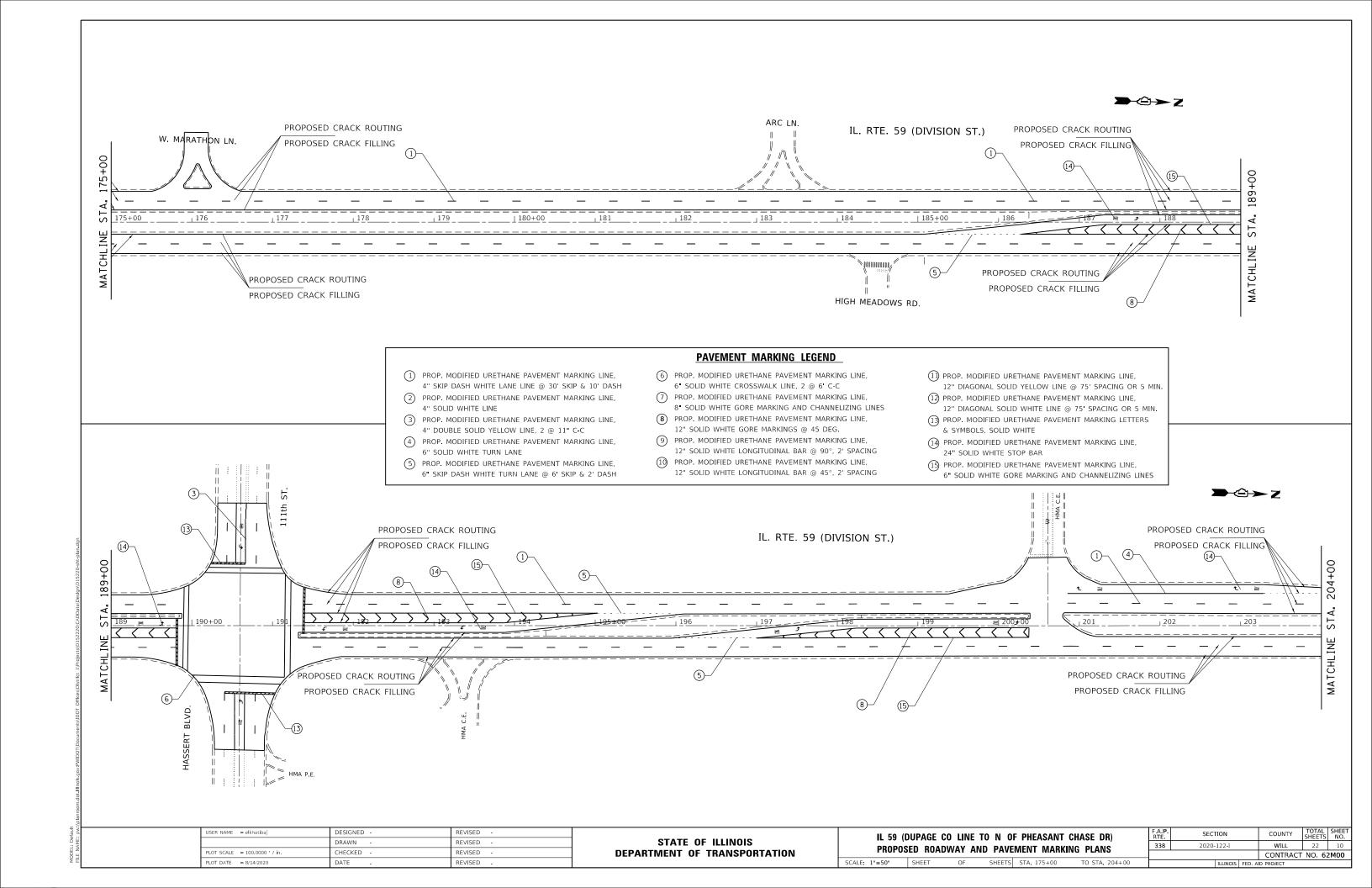


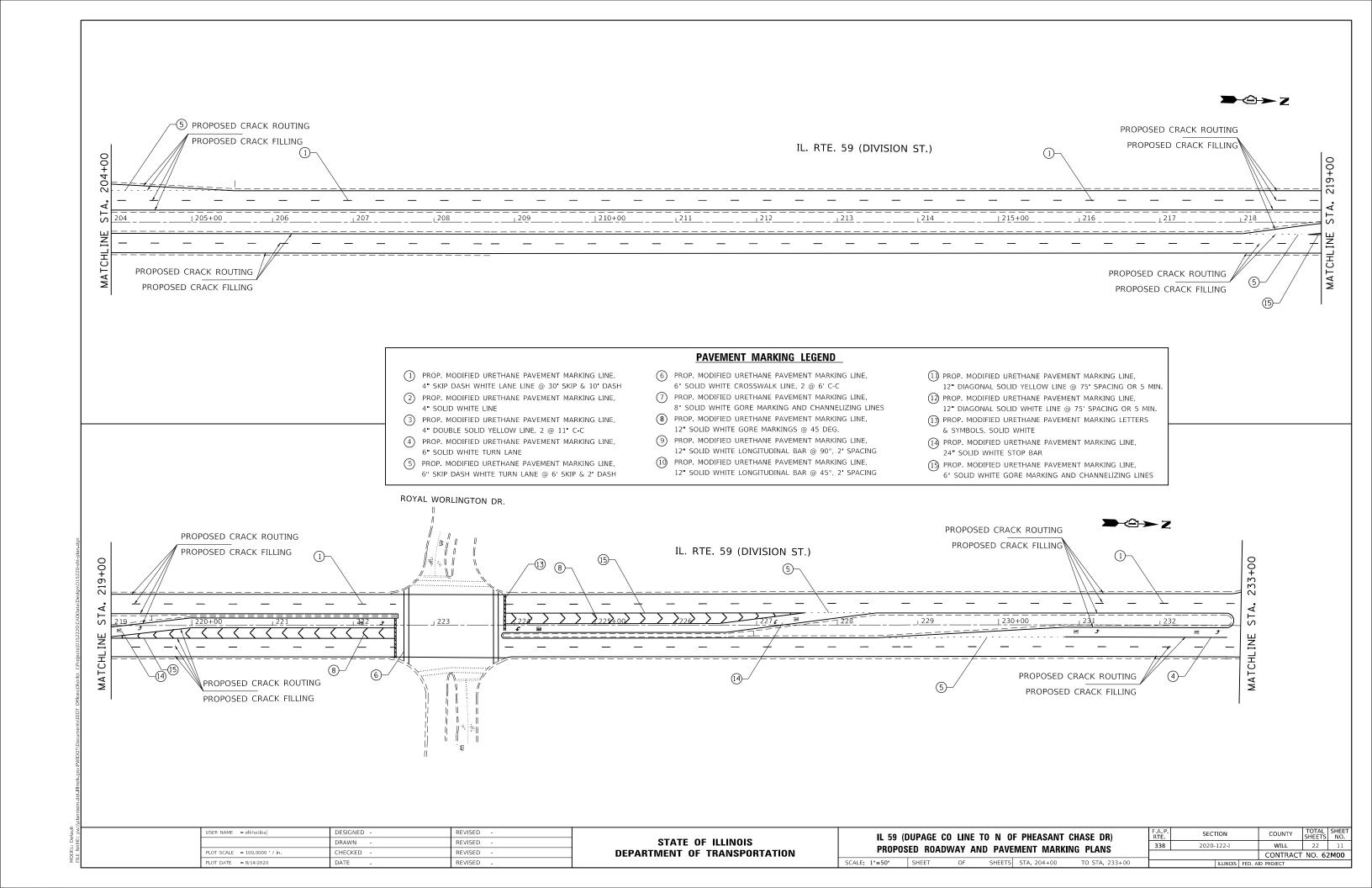


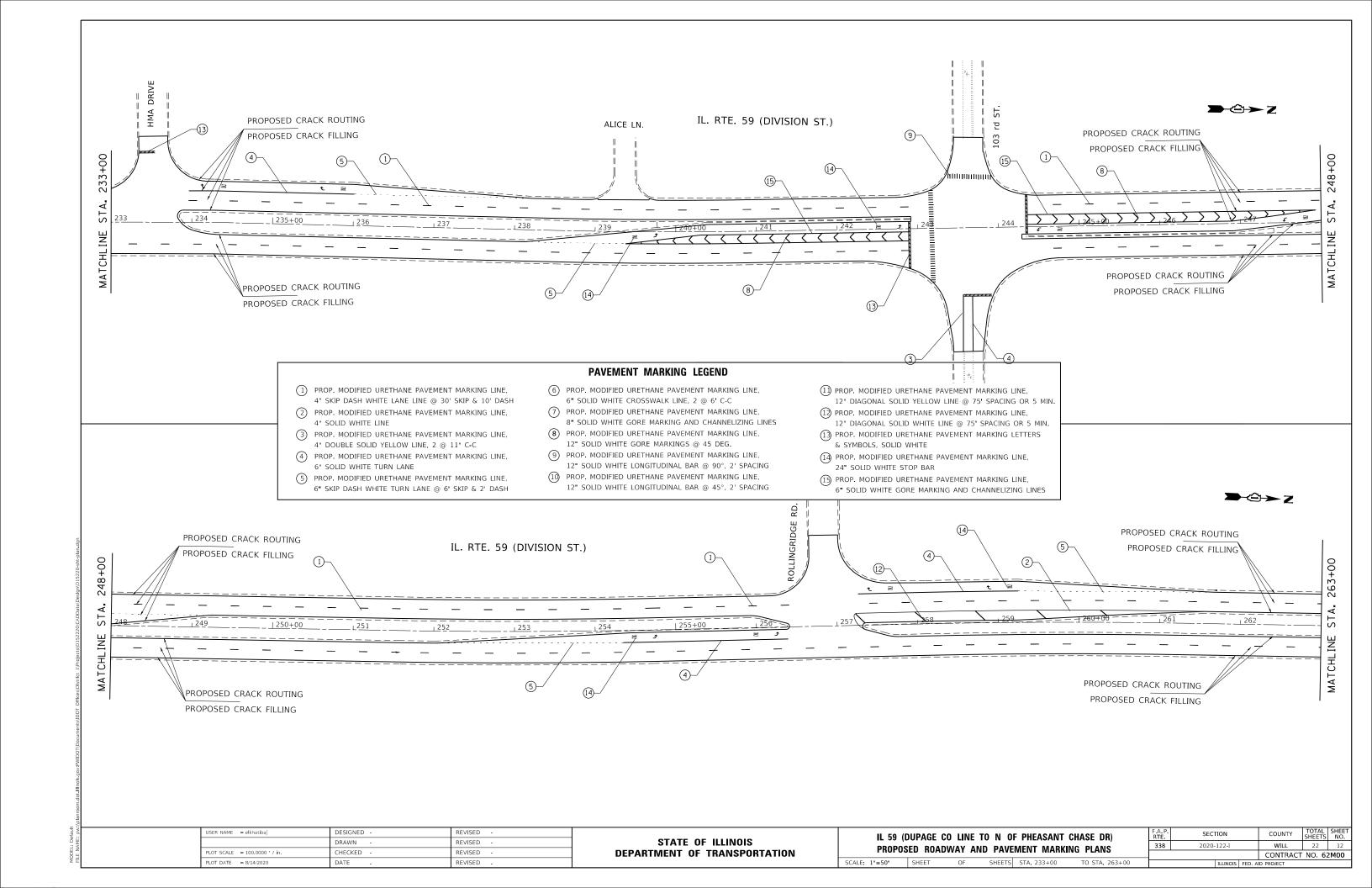


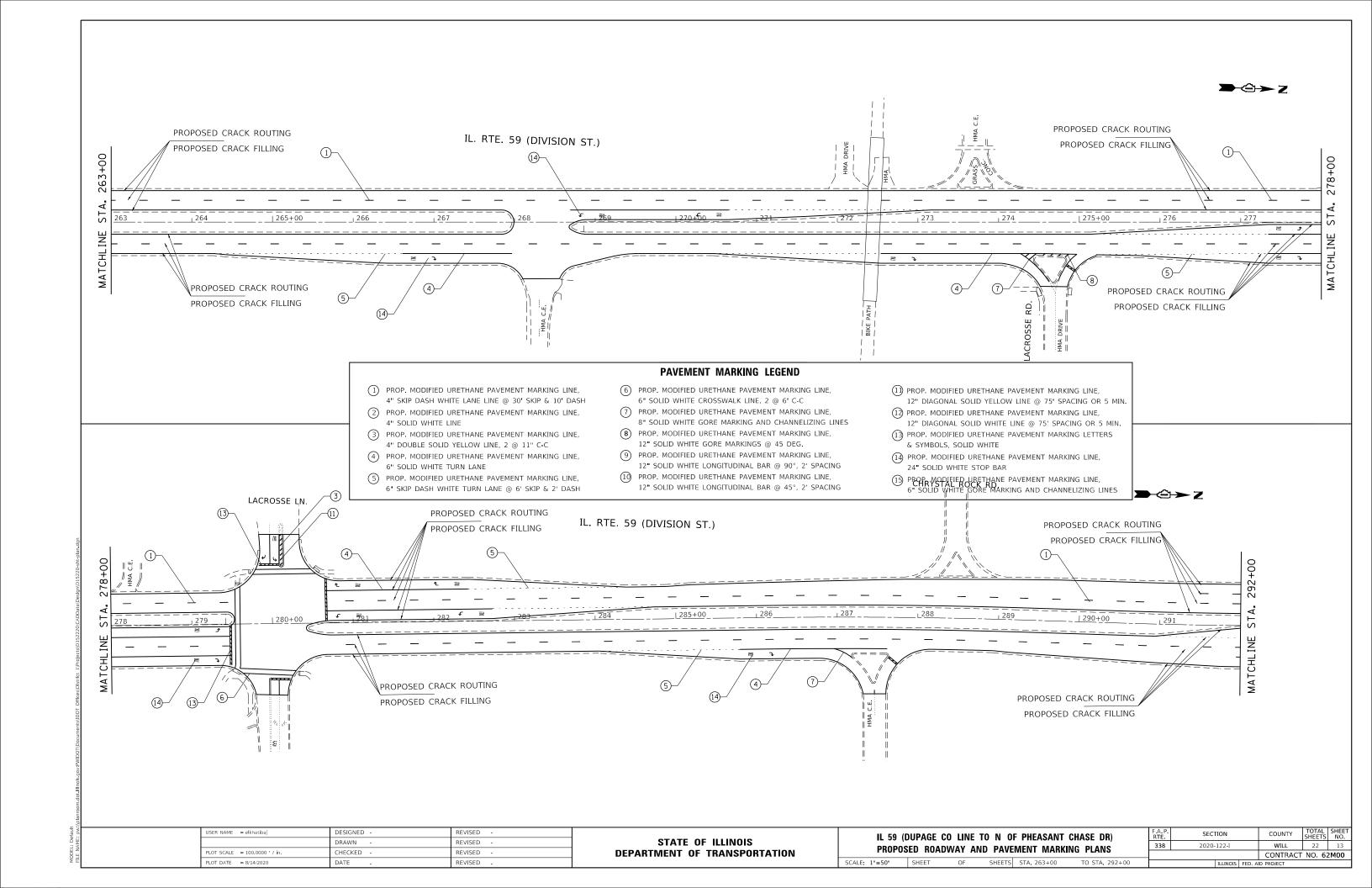


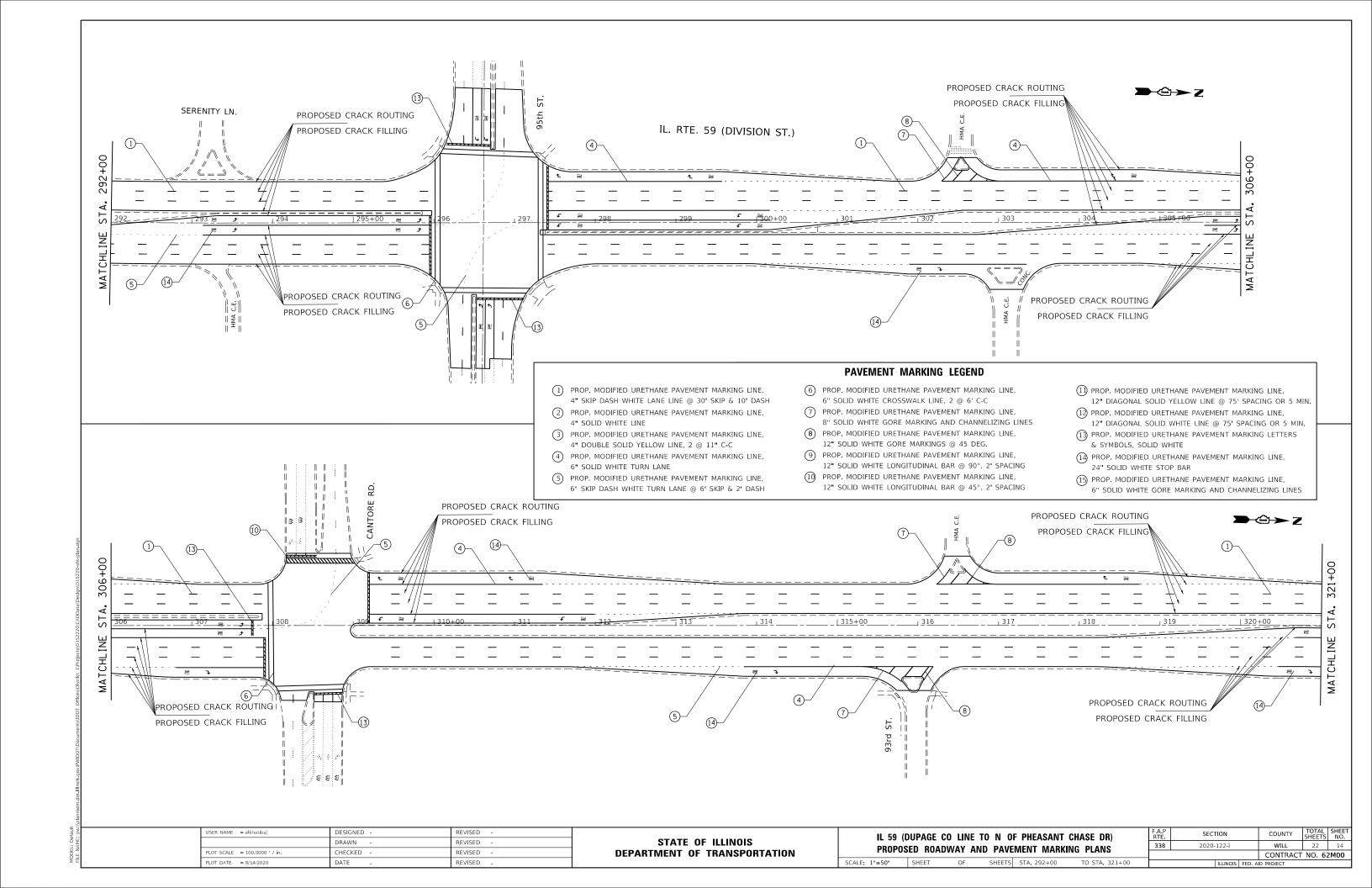


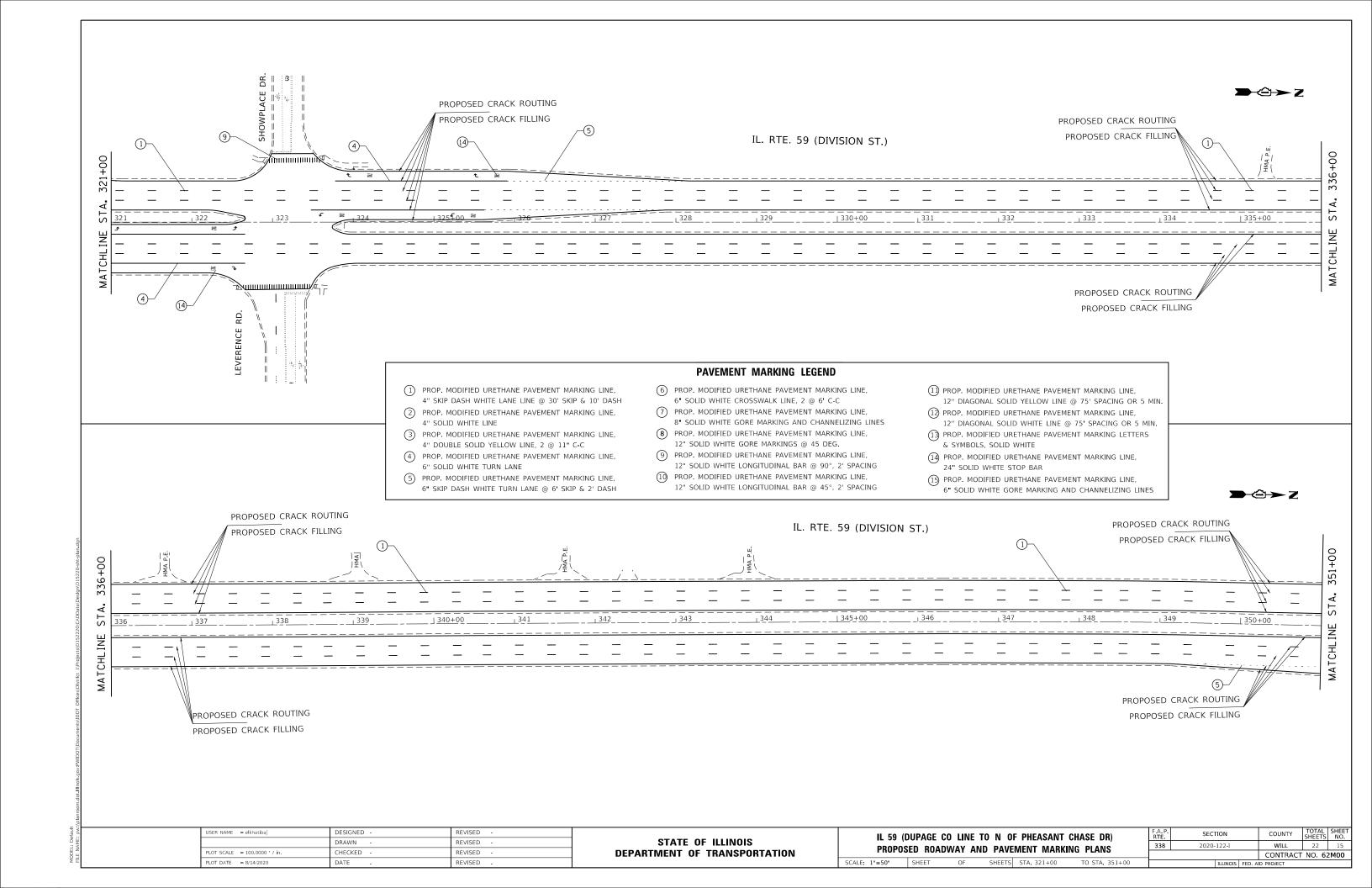


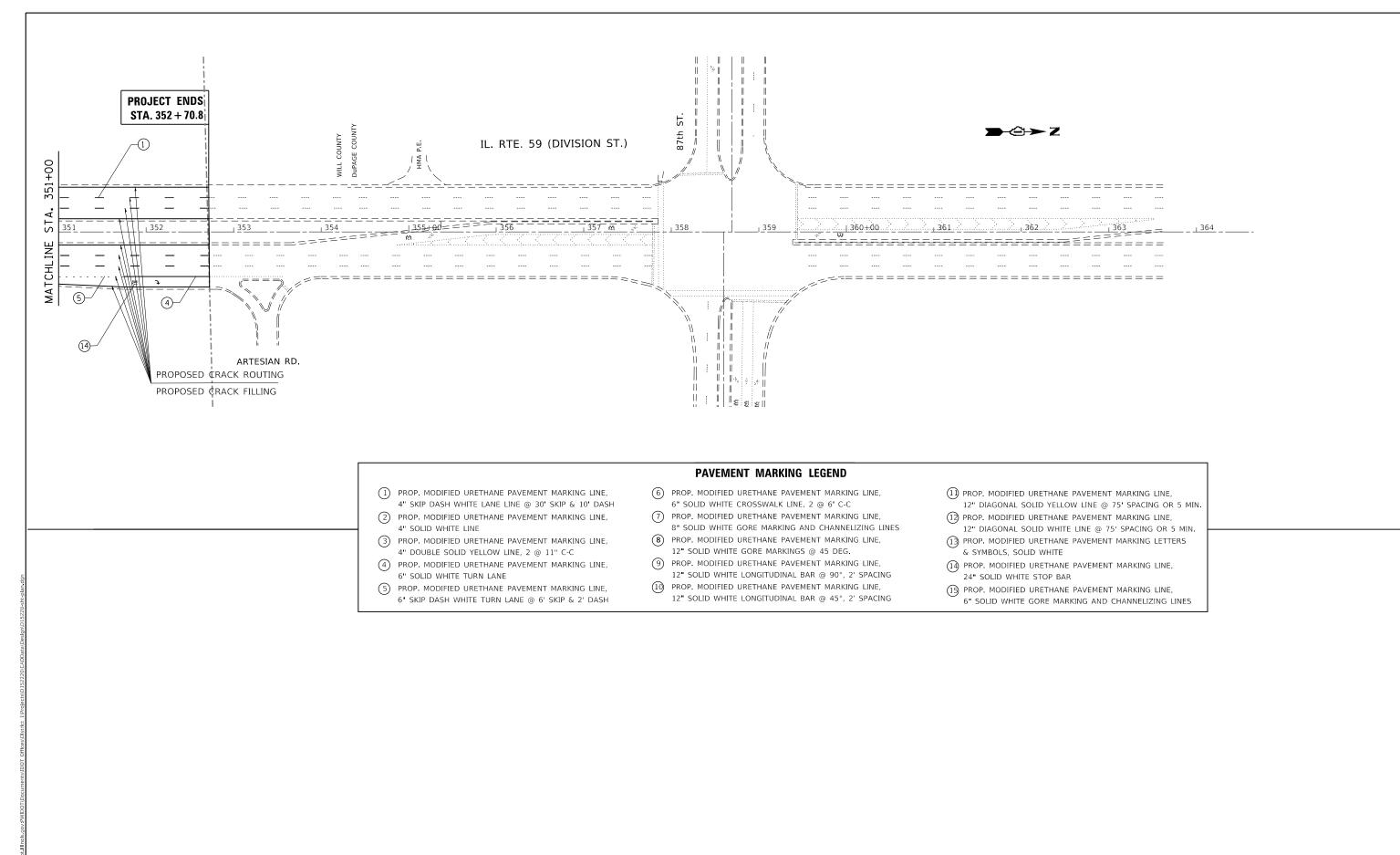












JSER NAME = elkhatibaj

PLOT DATE = 8/14/2020

DESIGNED -

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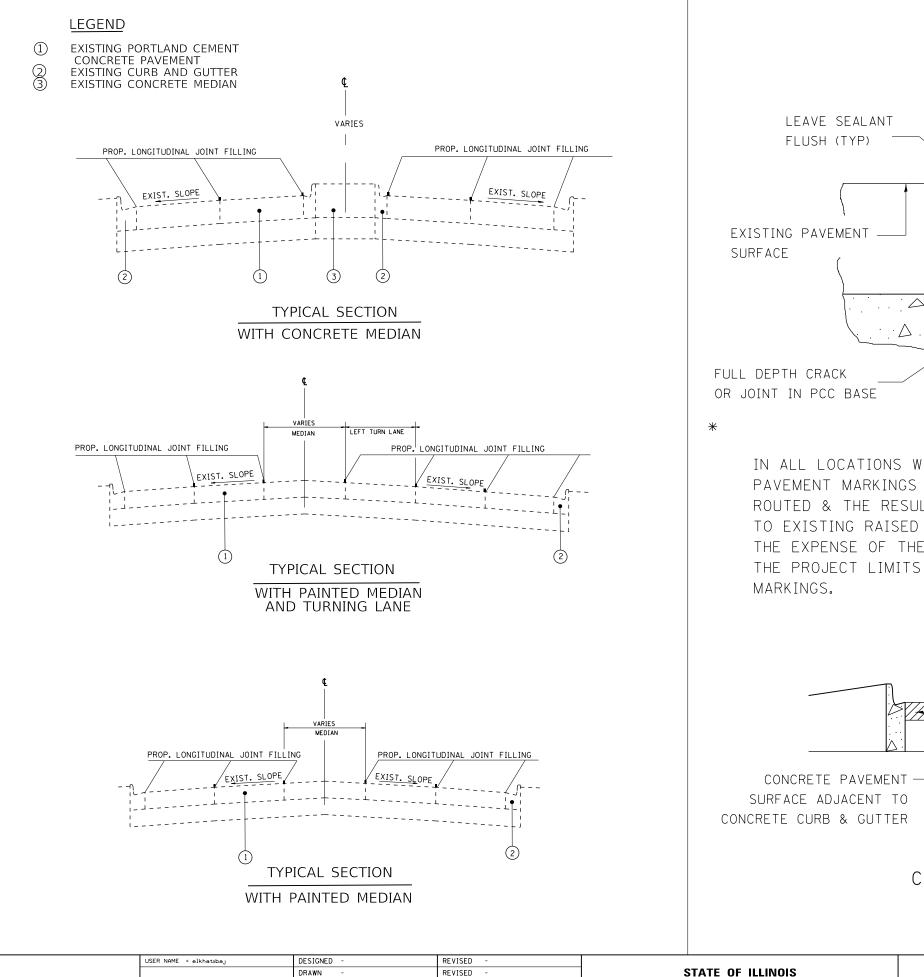
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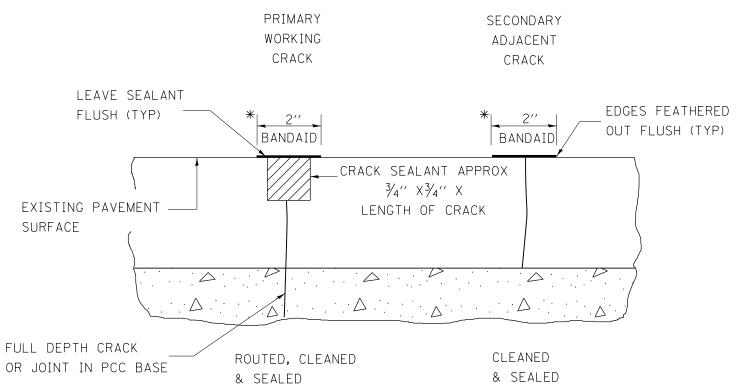
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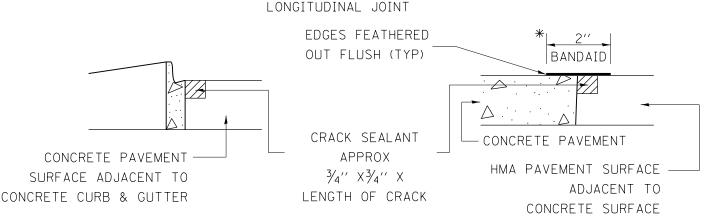
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IL 59 (DUPAGE CO LINE TO N OF PHEASANT CHASE DR)
PROPOSED ROADWAY AND PAVEMENT MARKING PLANS
"=50' SHEET OF SHEETS STA. 351+00 TO STA. 354



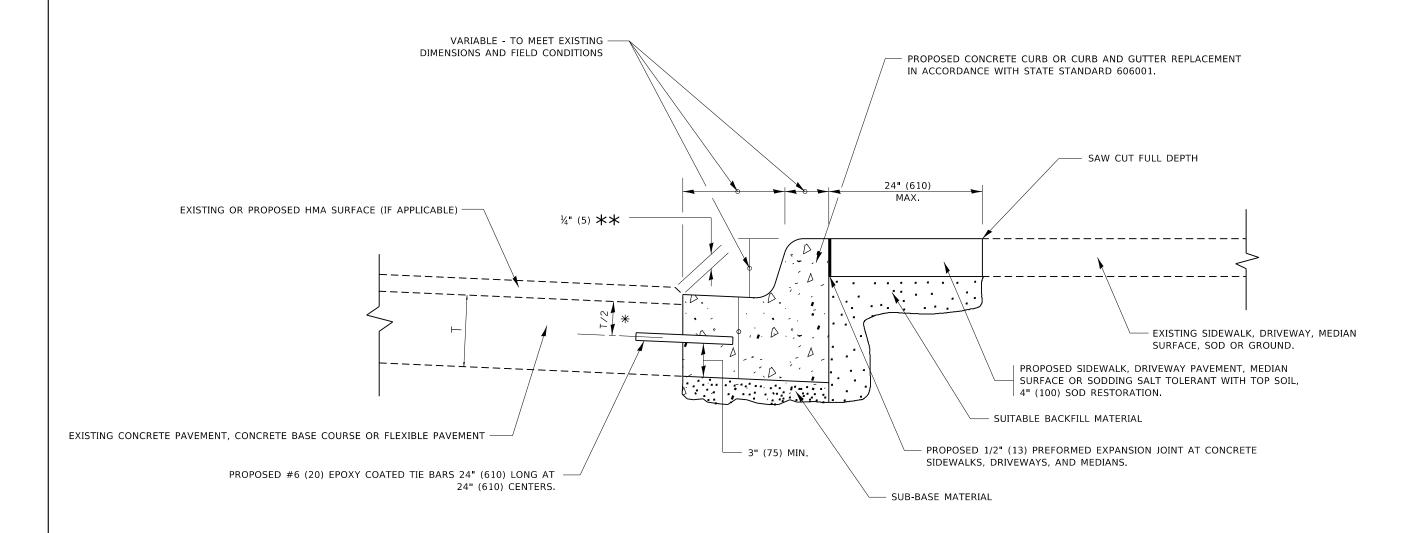


IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR.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



CRACK & JOINT SEALING DETAIL

USER NAME = elkhatibaj	DESIGNED -	REVISED -		IL 59 (	(DUPAGE CO LINE	TO N OF PHEASANT CHASE DR)	F.A.P RTE	SECTION	COUNTY TOTAL SHEET NO.	f
	DRAWN -	REVISED -	STATE OF ILLINOIS	CRACK AND JOINT SEALING DETAIL			338	2020-122-I	WILL 22 17	1
PLOT SCALE = 100.0000 ' / 10.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	CRACK AND JUINT SEALING DETAIL				CONTRACT NO. 62M00	7	
PLOT DATE = 8/14/2020	DATE -	REVISED -		SCALE:	SHEET NO. OF	SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT	



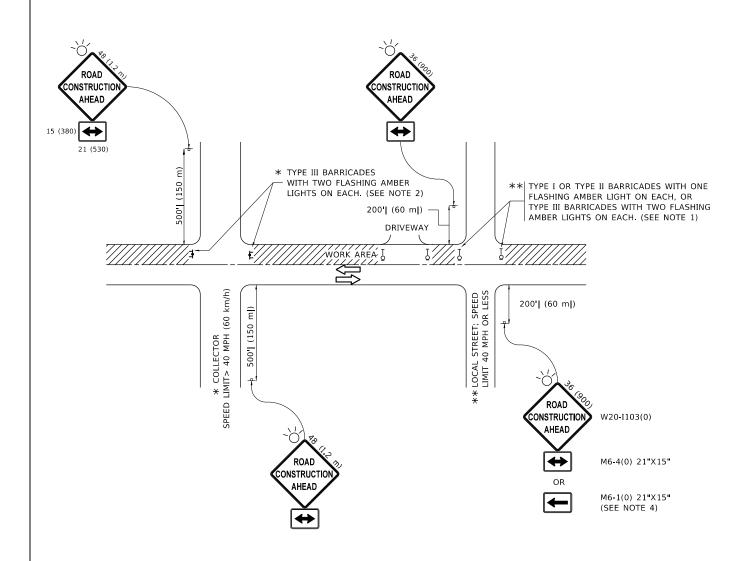
- 💥 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- \*\* IF THE FINAL SURFACE OF THE PAVEMENT IS CONCRETE, THE GUTTER IS TO BE FLUSH WITH THE PAVEMENT.

# **CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT**

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

USER NAME = elkhatibaj	DESIGNED - A. HOUSEH	REVISED - A. ABBAS 03-21-97
	DRAWN -	REVISED - M. GOMEZ 01-22-01
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - R. BORO 12-15-09
PLOT DATE = 8/14/2020	DATE - 03-11-94	REVISED - K. SMITH 07-11-19

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



#### 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.

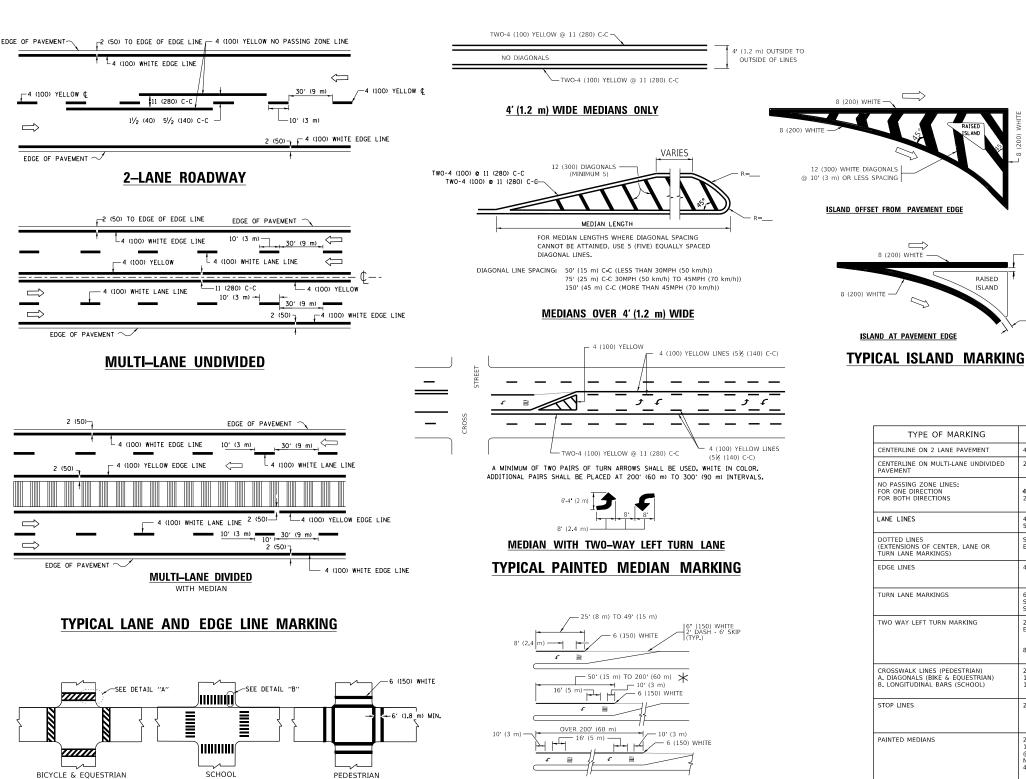
All dimensions are in inches (millimeters) unless otherwise shown.

USER NAME = elkhatibaj	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 = 8/14/2020	DATE - 06-89	REVISED A SCHUETZE 09-15-16

STATE 0	F ILLINOIS
DEPARTMENT OF	TRANSPORTATION

	-					TION FOR DRIVEWAYS
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F.A.P. RTE	SEC <sup>-</sup>	COUNTY	TOTAL SHEETS	SHE
338	2020-	WILL	22	1
	TC-10	CONTRACT	NO. 62	2M0
		ID PROJECT		



 $\star$  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

D(FT) SPEED LIMIT 665 50 55 **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.

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 P
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 = elkhatibaj	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 = 8/14/2020	DATE	-	03-19-90	REVISED	-	C. JUCIUS 04-12-16

2' (600)

DETAIL "B"

12 (300) WHITE

-6 (150) WHITE

TYPICAL CROSSWALK MARKING

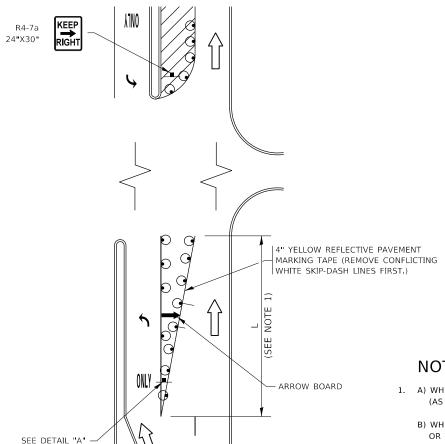
 $m{\star}$  MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES

DETAIL "A"

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

DISTRICT ONE Typical pavement markings						F.A.P. R <b>TE</b>	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					G S	338	2020-122-I	WILL	22	20
	IUAL I	^	LIVILIVI	IVIZITINI	<u> </u>		TC-13	CONTRACT	NO. 62	2M00
SHEET 1	ΩE	2	SHEETS	STA	TO STA		TILINOIS SED A	ID DROJECT		

## TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER



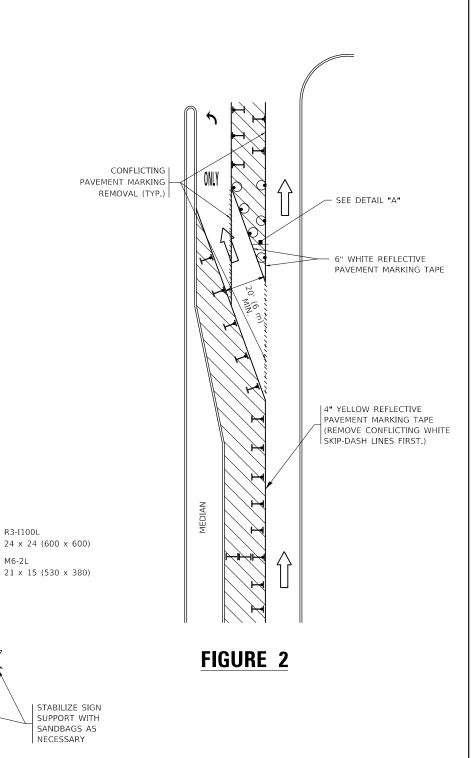
### FIGURE 1

# **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

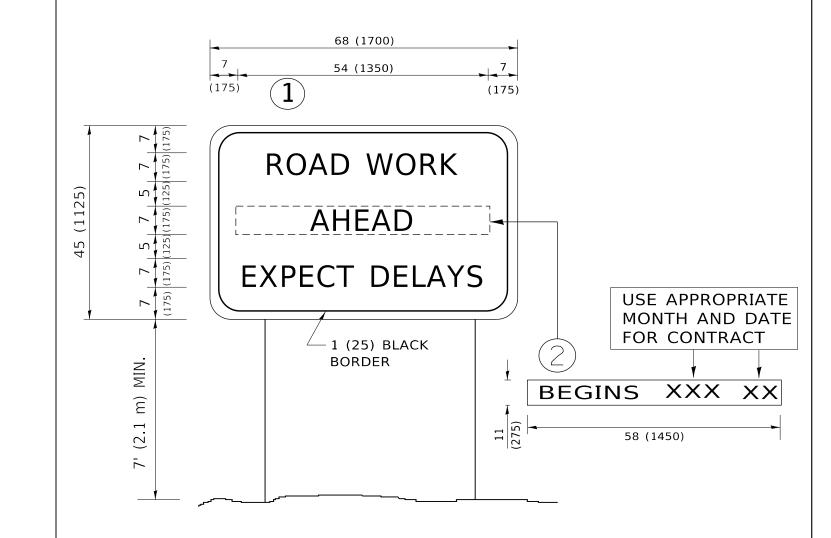
All dimensions are in inches (millimeters) unless otherwise shown

USER NAME = eiknatidaj	DESIGNED	- 1.	RAMMACHER 09-08-94	KEVISED	-	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 = 8/14/2020	DATE	- T.	RAMMACHER 01-06-00	REVISED	-	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

TRAFF	IC C	TNC	ROL A	ND	PROTEC	CTION	AT TURN	BAYS	
	(	(T0	REMA	IN	OPEN :	TO TR	AFFIC)		
	SHEET	- 1	OF	1	SHEETS	STA.		TO STA.	

F.A.P. RTE	SECT	ION	COUNTY	TOTAL SHEETS	SHEE NO.	
338	2020-1	122-I	WILL	22	21	
	TC-14	CONTRACT	NO. 62	2M00		
		ILLINOIS	FED. A	ID 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 = elkhatibaj	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 = 8/14/2020	DATE -	REVISED	-	C. JUCIUS 01-31-07

STATE OF ILLINOIS									
DEPARTMENT OF	TRANSPORTATION								

	AR	ÌΈ	F.A.P. RTE	SECTION			
INFORMATION SIGN							2020-122-I
	IIVI O	1110	IAIIUN	JIUIN			TC-22
HEET 1	OF	1	SHEETS	STA.	TO STA.		ILLINOIS FE