STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS AND HIGHWAY STANDARS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE VILLAGE OF GURNEE

TRAFFIC DATA

0

0

0

EXISTING ADT FROM 13 + 87 TO 15 + 00 = 38,100 (2021), FROM 15+00 TO 54+13 = 42,600 (2021), FROM 64 + 92 TO 129 + 75 = 24,100 (2021), FROM 129 + 75 TO 159 + 65 = 21,500 (2021), FROM 159 + 65 TO 179 + 66 = 15,000 (2021), AND FROM 179 + 66 TO 199 + 29 = 13,800 (2021).

POSTED SPEED LIMIT

FROM 13 + 87 TO 86 + 00 = 45 MPH. FROM 86+00 TO 193+16 = 40 MPH, AND FROM 193 + 16 TO 199 + 29 = 35 MPH

DESIGN DESIGNATION:

OTHER PRINCIPAL ARTERIAL

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 OR 811

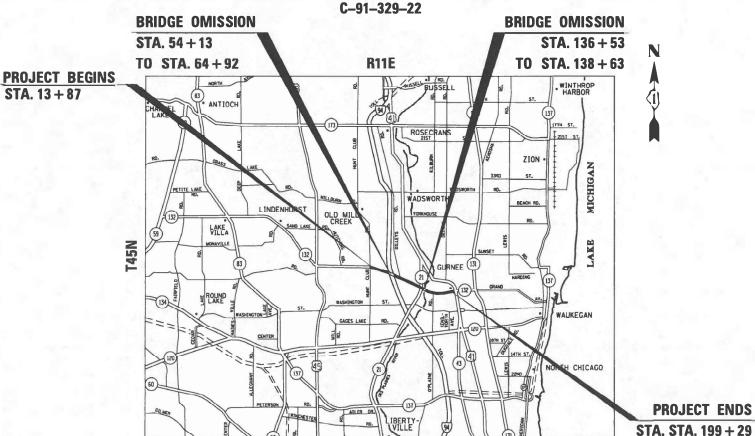
CONTRACT NO. 62T26

PROJECT ENGINEER: LUKASZ POCIECHA (847) 705–4255 PROJECT MANAGER: FAWAD AQUEEL

STA. 13 + 87

PROPOSED HIGHWAY PLANS

FAP 541: IL RTE 132 (GRAND AVE) HUNT CLUB RD TO FERNDALE ST SECTION: FAP 0541 22 CJ **CRACK AND JOINT SEALING** LAKE COUNTY



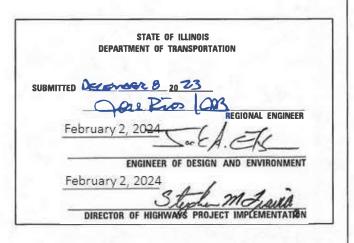
GROSS LENGTH = 18542 FT. = 3.51 MILE NET LENGTH = 17253 FT. = 3.27 MILE

WARREN TOWNSHIP

FAP 0541 22 CJ

D-91-275-22





PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-10	PROPOSED PLANS AND PAVEMENT MARKING PLANS
11	CRACK AND JOINT SEALING DETAIL (PD-11)
12	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
14	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
15	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
16	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARDS

STANDARD NO. DESCRIPTION

STANDARD NO.	BESCHI TION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= TO 45 MPH
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >= 45 MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= TO 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-09	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS

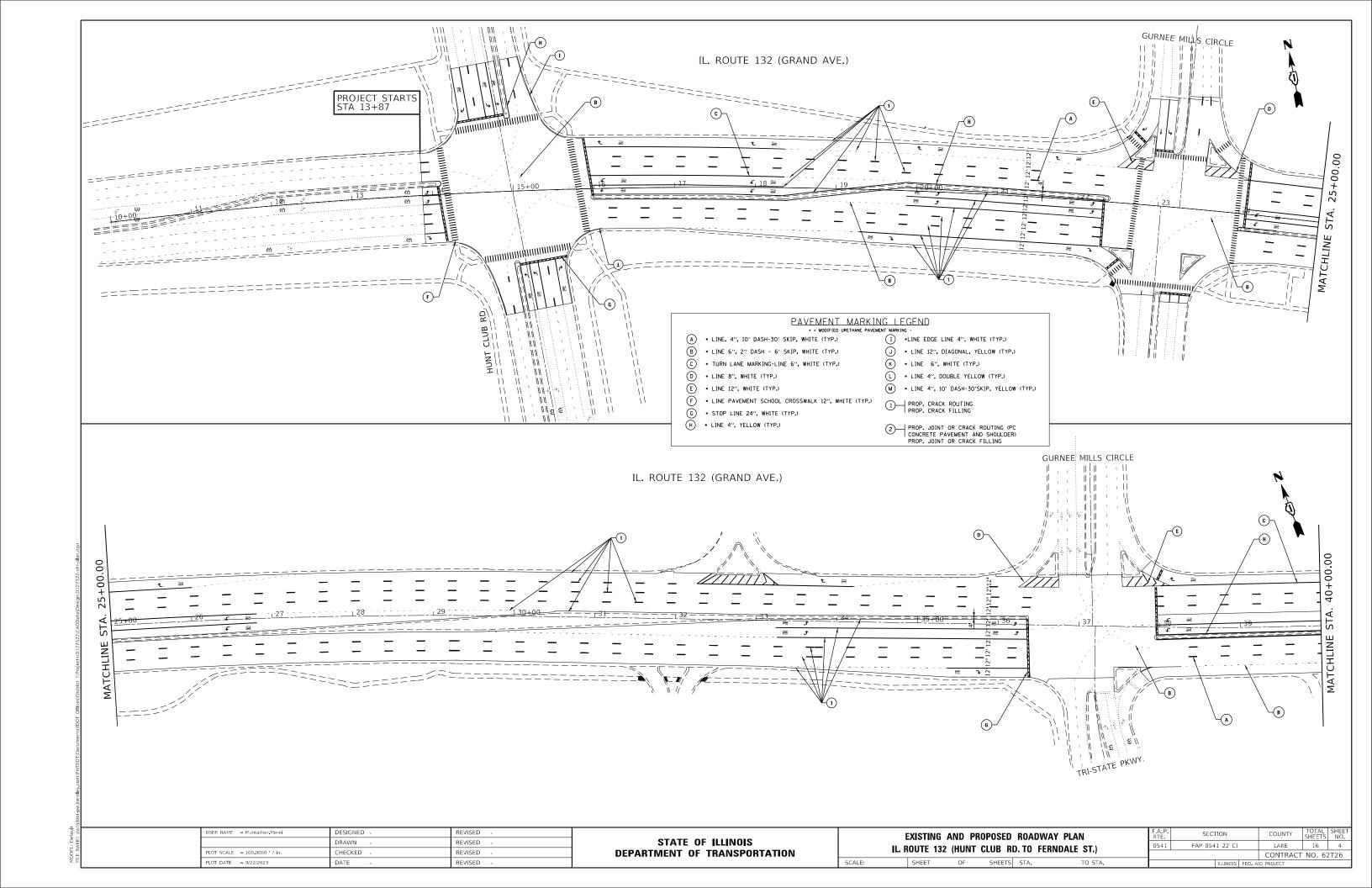
GENERAL NOTES

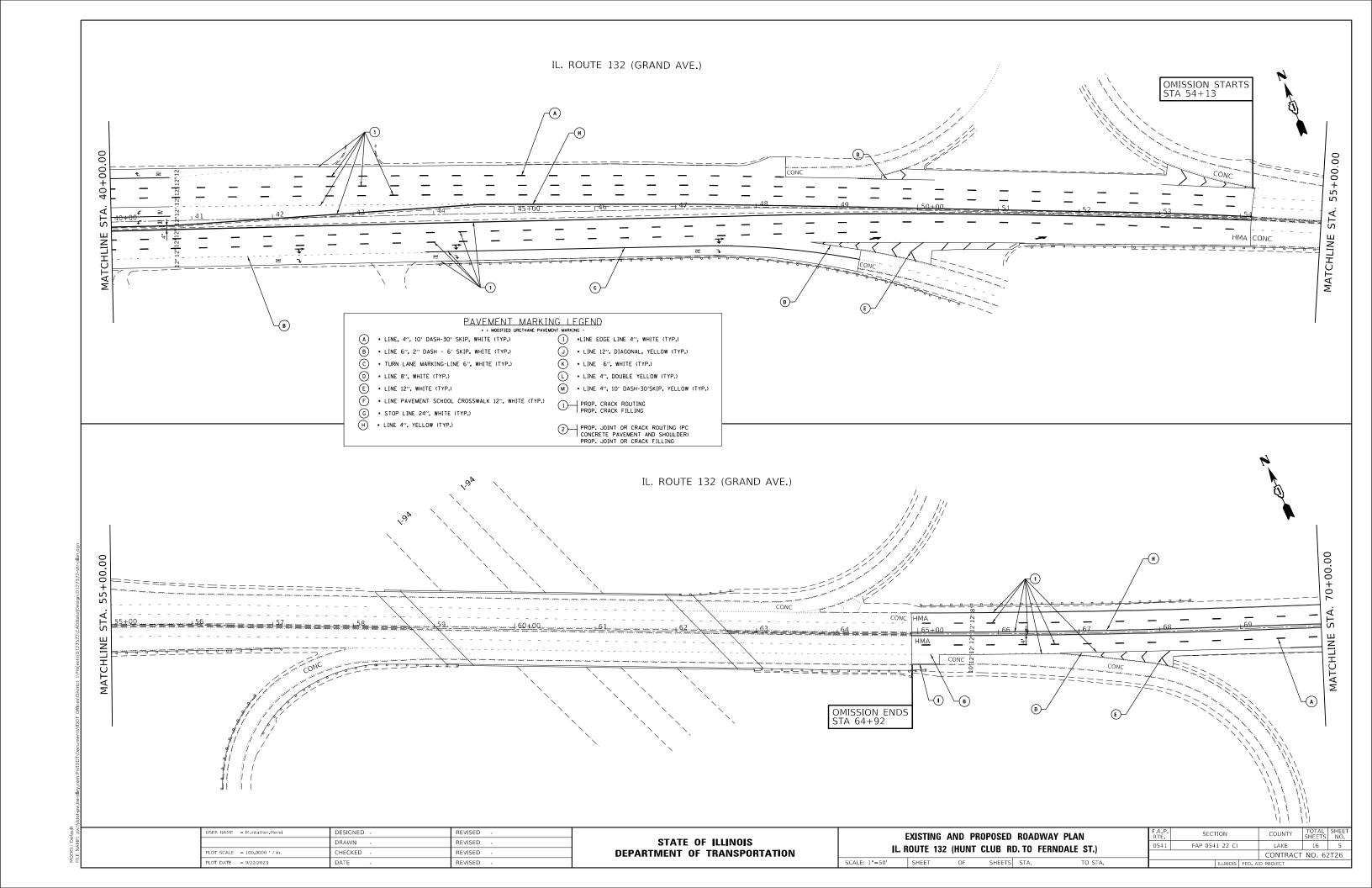
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE (OR TOLLWAY) PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT (OR ISTHA).
- 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
- 3. THE CONTRACTOR SHALL CONTACT KALPANA KANNAN HOSADURGA THE DISTRICT ONE TRFFIC CONTROL SUPERVISOR AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- 4. TWO WEEKS PRIOR TO THE PLACEMENT OF PERMENANT PAVEMENT MARKINGS, THE ENGINEER SHALL CONTACT FADI SULTAN THE AREA TRAFFIC FIELD ENGINEER AT FADI.SULTAN@ILLINOIS.GOV.
- 5. THE "ARTERIAL ROAD INFORMATION SIGN (TC-22)" IS APPLICABLE ONLY TO ARTERIAL ROADS AND SHALL NOT BE APPLIED TO EXPRESSWAYS/TOLLWAYS.
- 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.
- 7. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
- BEFORE BEGINNING ANY WORK, THE CONTRACTOR SHALL RETAIN AND RECORD ALL EXISTING PAVEMENT MARKING LINES (AND RAISED REFLECTIVE PAVEMENT MARKERS) FOR FUTURE REFERENCE IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. THE EXACT LOCATIONS OF ALL PAVEMENT MARKINGS SHALL BE AS DIRECTED BY THE ENGINEER.
- 9. ALL CRACK ROUTING & CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER CRACK AND JOINT TEMPERATURES HAVE COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF MODIFIED URETHANE PAVEMENT MARKING.
- 11. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS AND RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN THE FIELD.
- 12. 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.
- . THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE

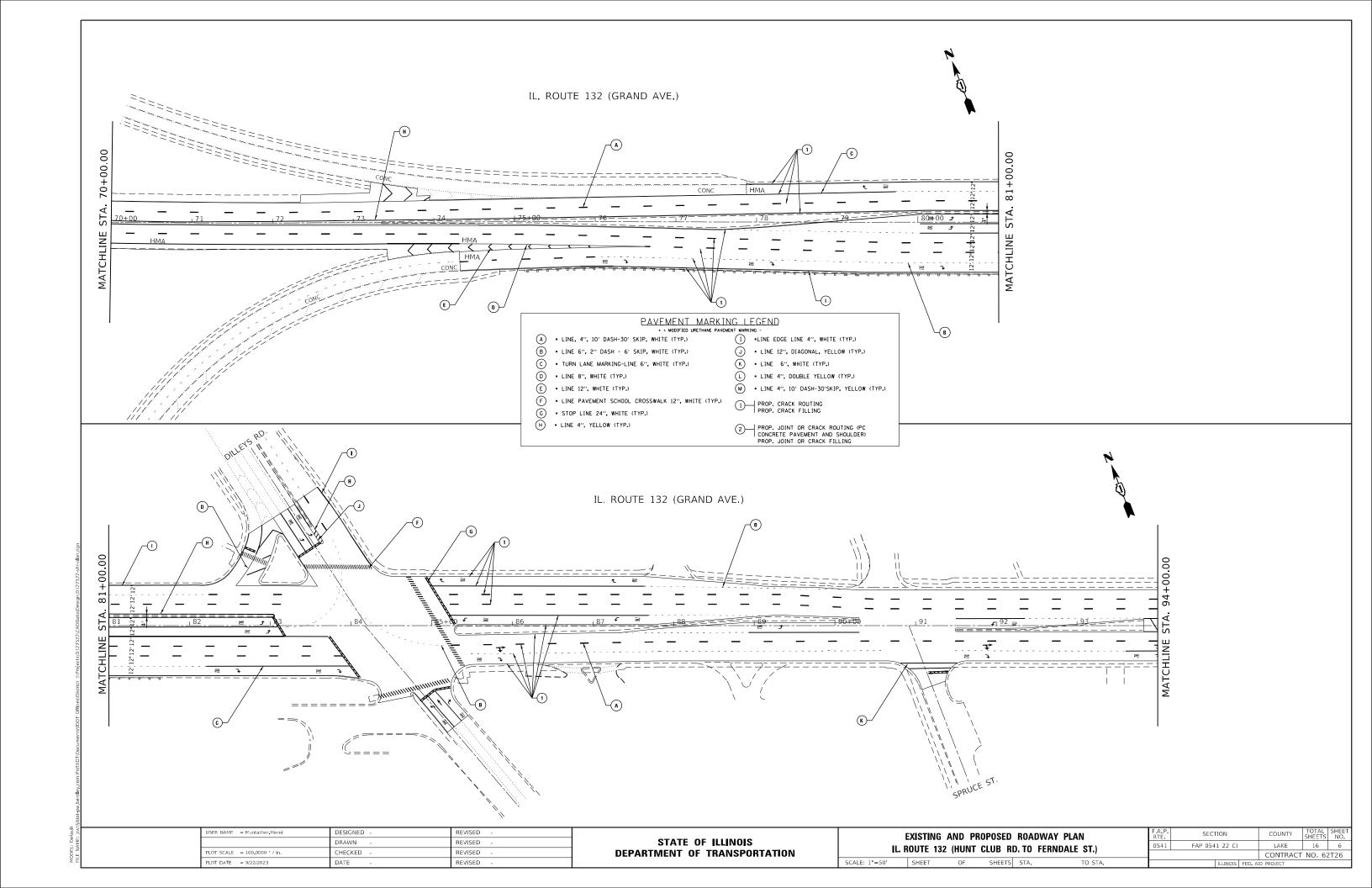
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	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 9/13/2023	DATE -	REVISED -

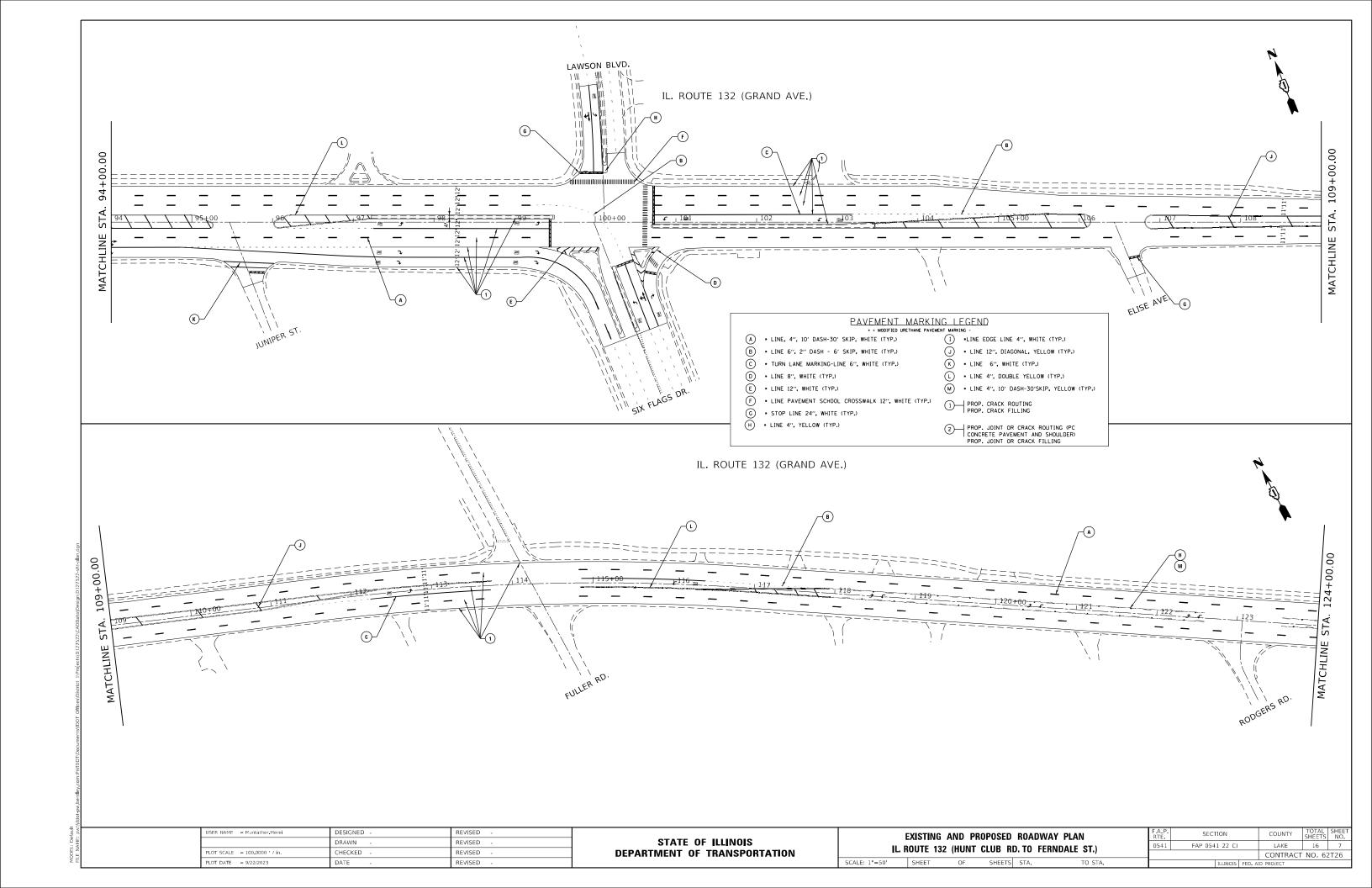
SCALE:

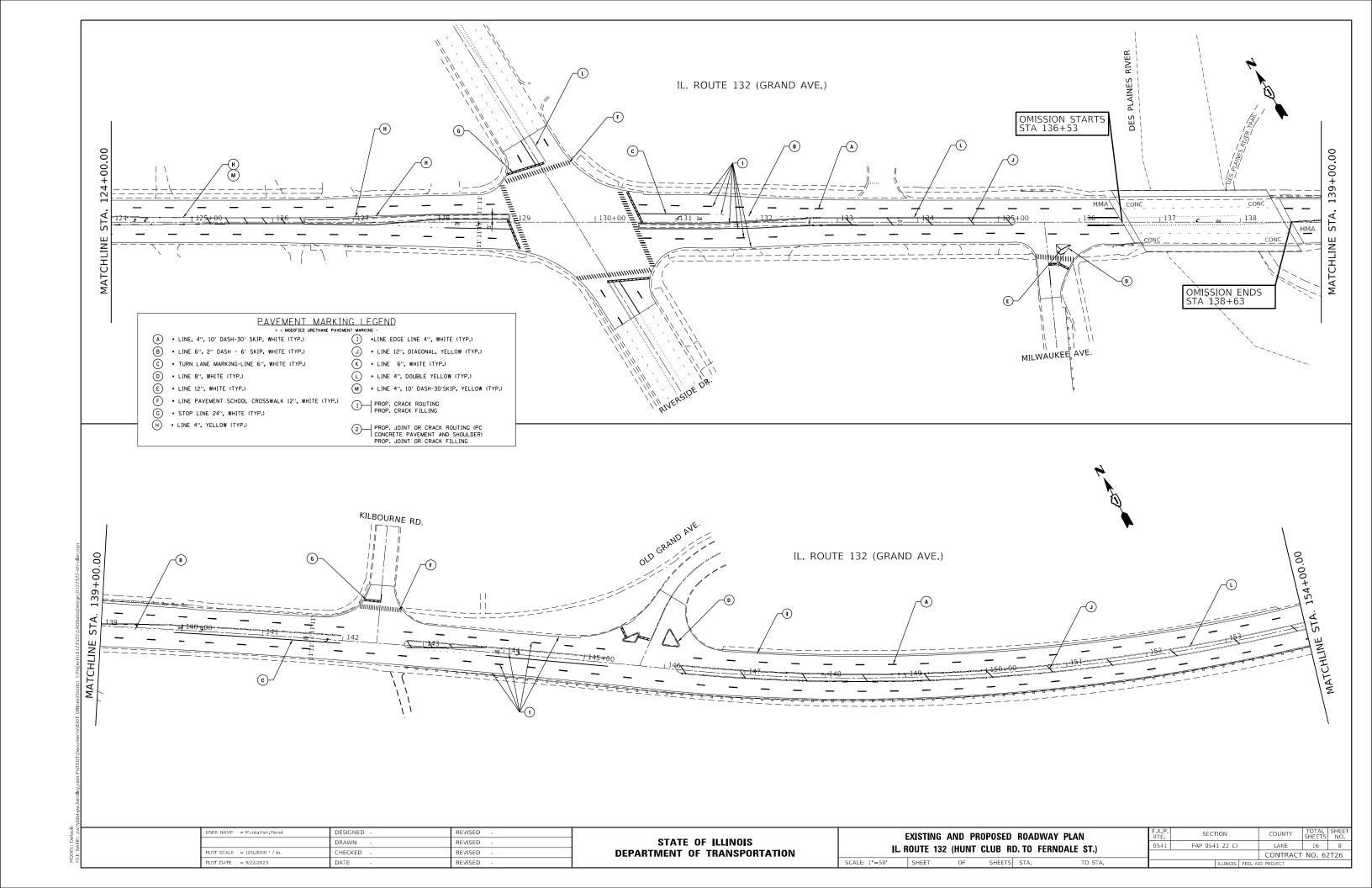
	SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE							
55			TOTAL	0005							SUMMART OF QUAIN	VIIIIE2		TOTAL	0005					
CODE NO	ITEM	UNIT	QUANTITIES	100% STATE						CODE NO	ITEM	ITEM UNIT (QUANTITIES	100% STATE					
45100100	CRACK ROUTING (PAVEMENT)	FOOT	129413	129413					;	* 78009006	MODIFIED URETHANE PAVE	MENT MARKING -	FOOT	14922	14922			_		
											LINE 6"									
											LINE 0]					
45100200	CRACK FILLING	POUND	36974	36974																
)	* 78009008	MODIFIED URETHANE PAVE	MENT MARKING -	FOOT	3274	3274					
45200100	JOINT OR CRACK ROUTING (PC CONCRETE -	F00T	954	954							LINE 8"									
	PAVEMENT AND SHOULDER)																			
									;	* 78009012	MODIFIED URETHANE PAVE	MENT MARKING -	F00T	8402	8402					
45200300	JOINT OR CRACK FILLING	POUND	273	273							LINE 12"									
67100100	MOBILIZATION	L SUM	1	1					÷	* 78009024	MODIFIED URETHANE PAVE	MENT MARKING -	FOOT	1742	1742					
											LINE 24"									
70100310	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																
	STANDARD 701421									X6700407	ENGINEER'S FIELD OFFIC	E, TYPE A (D1)	CAL MO	12	12					
70102630	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1						Z0030850	TEMPORARY INFORMATION	SIGNING	SO FT	100	100					
	STANDARD 701601																			
																		ļ		
70102632	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																
	STANDARD 701602																			
70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																
	STANDARD 701701																			
70102640	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1																
	STANDARD 701801																			
* 78009000	MODIFIED URETHANE PAVEMENT MARKING -	SO FT	3801	3801																
	LETTERS AND SYMBOLS																			
* 78009004	MODIFIED URETHANE PAVEMENT MARKING -	57136	57136																	
	LINE 4"																	* =	SPECIALTY	ITEMS
	USER NAME = Muntather.Merel	REVISED REVISED	-			e-	ATE OF I	I I INOIS	IL	132 (GRAND AVE), HUNT	T CLUB RD	# = SPECIALTY JB RD TO FERNDALE ST F.A.P. SECTION COUNTY SHE			OTAL SHEET HEETS! NO.					
				REVISED	-		D					SUMMARY	OF QUANT	ITIES		0541	FAP 0541		LAKE [1	
	PLOT DATE = 9/22/2023		REVISED - DEPARTMENT OF T						SCALE: SHEET NO. OF SHEETS ST			SHEETS (STA	I LUNIKALI NU. DZIZD I							

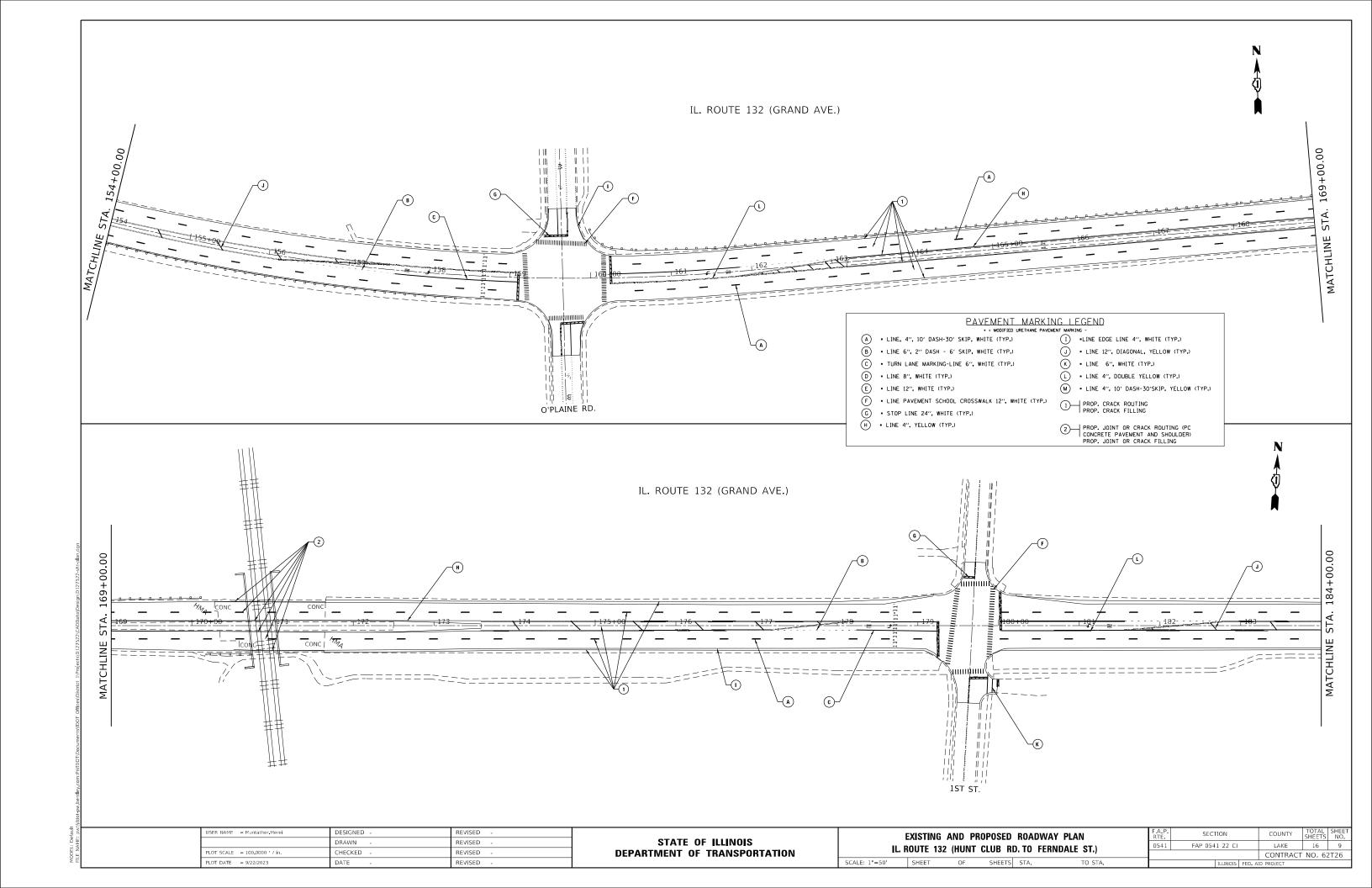


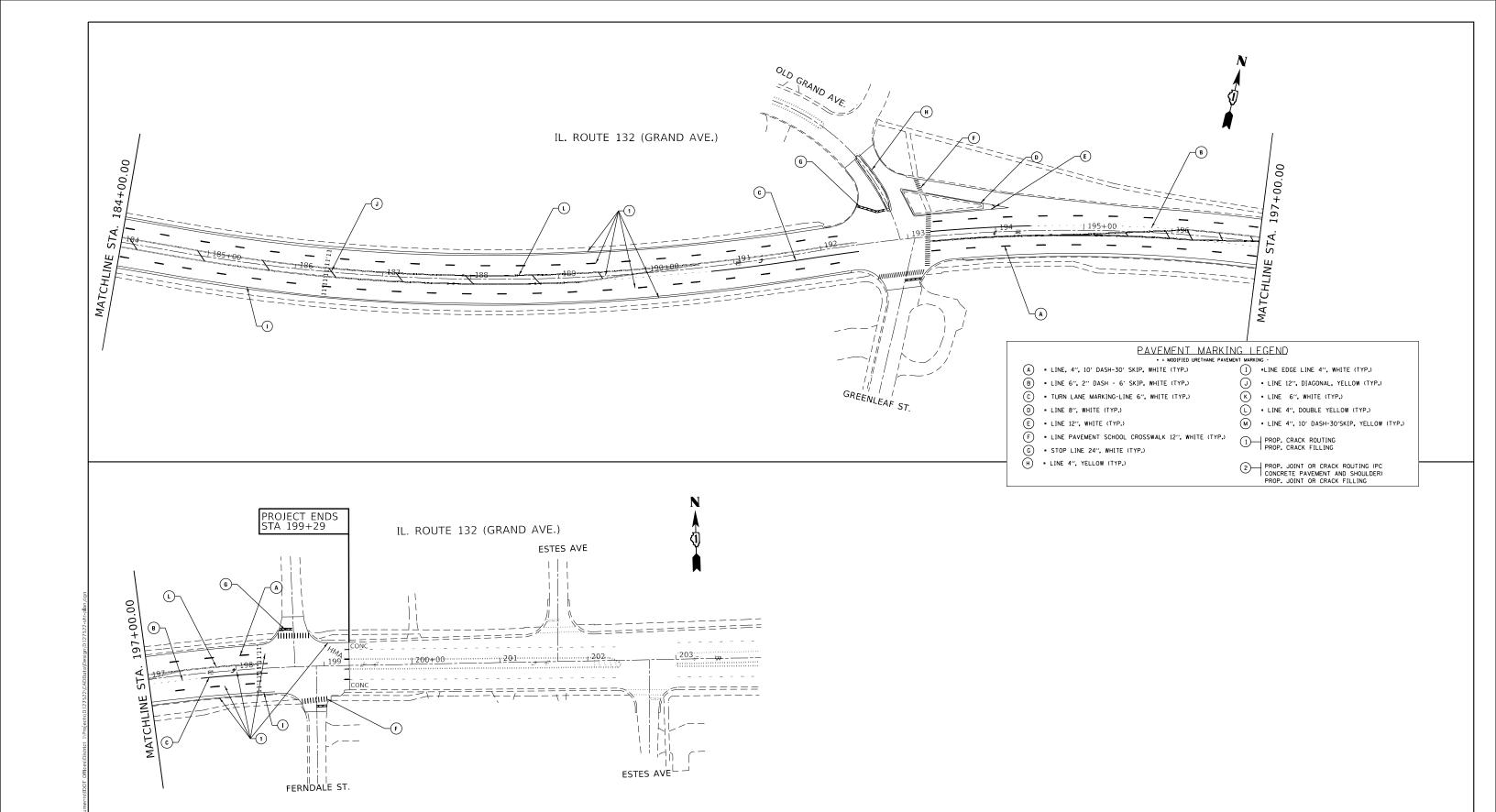








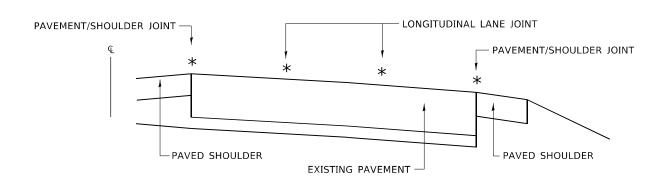




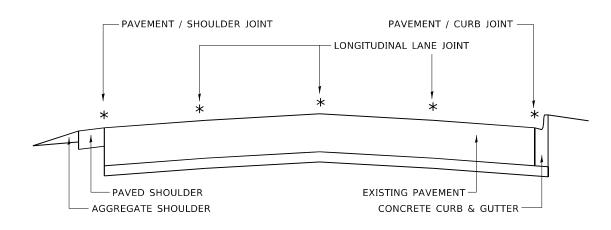
USER NAME = Muntather.Merei	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	STA
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -	DEPARTMEN
PLOT DATE = 9/22/2023	DATE -	REVISED -	

EXISTING AND PROPOSED ROADWAY PLAN
IL. ROUTE 132 (HUNT CLUB RD. TO FERNDALE ST.)

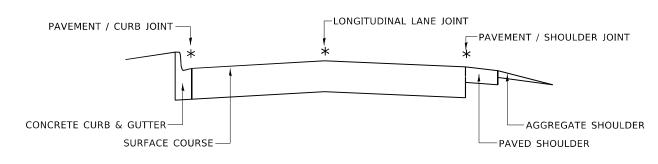
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION



MULTI-LANE DIVIDED PAVEMENT



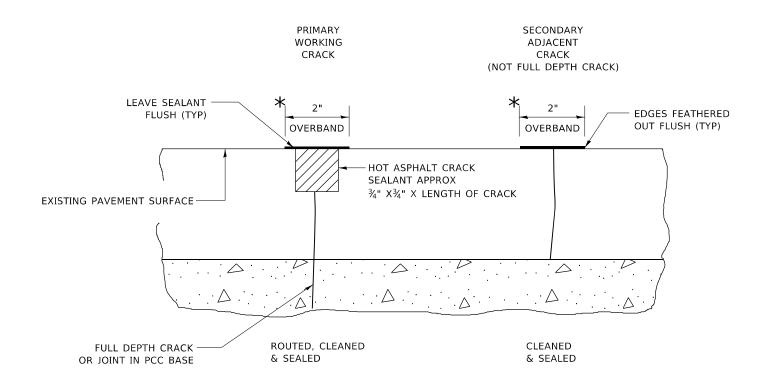
MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

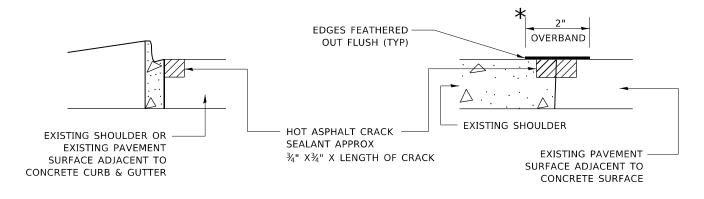
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

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.

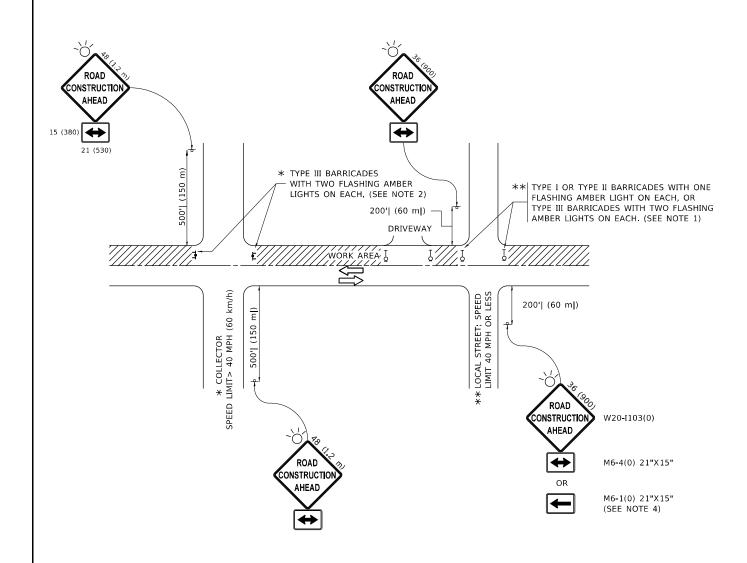
LONGITUDINAL JOINT



CRACK & JOINT SEALING DETAIL

USER NAME = Muntather.Merei	DESIGNED	-	F. Aqueel / A. Midy	REVISED	-
	DRAWN	-		REVISED	-
PLOT SCALE = 100.0000 / in.	CHECKED	-		REVISED	-
PLOT DATE = 9/13/2023	DATE	-	10/08/2020	REVISED	-

CRACK & JOINT SEALING DETAIL (PD-11)						SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
` '					0541	FAP 0541 22 CJ		LAKE	16	11
								CONTRACT	NO. 62	2T26
SHEET	OF	SHEETS	STA.	TO STA.		ILLINOIS FE	ED. AII	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.
- 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).

- 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
- 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 = Muntather.Merei	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 = 9/13/2023	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

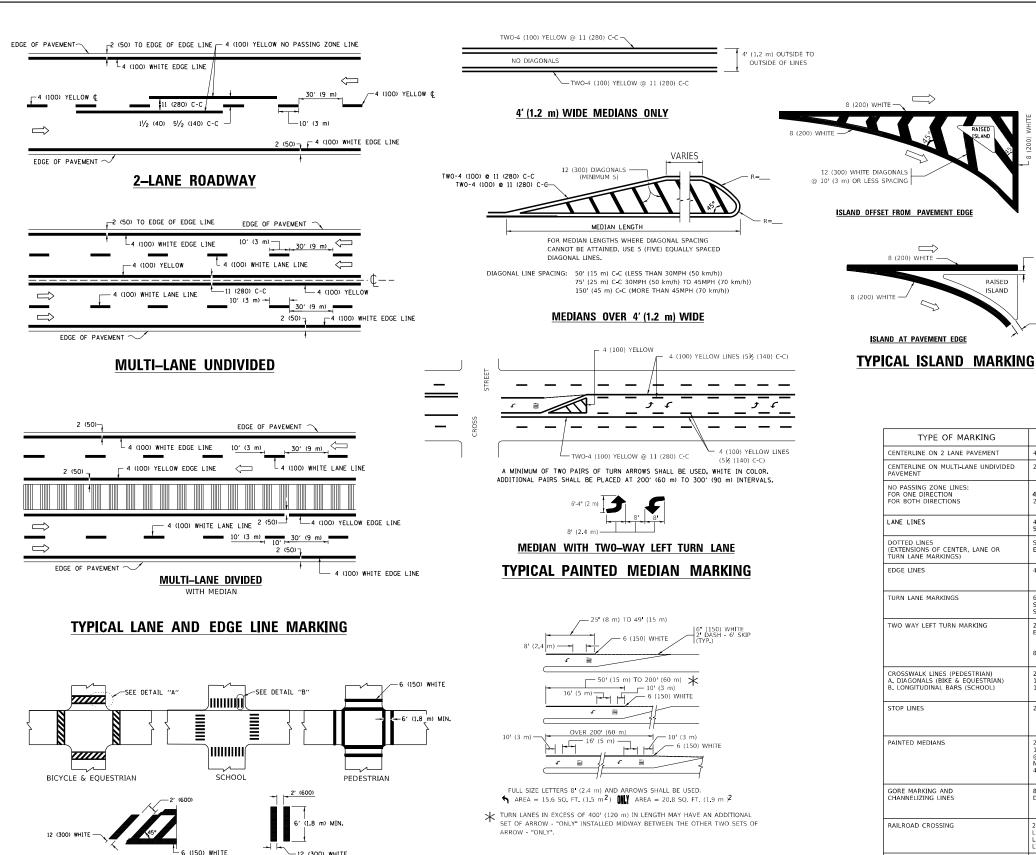
TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

| SHEET | 1 | OF | 1 | SHEETS | STA. TO STA.

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

 0541
 FAP 0541 22 CJ
 LAKE
 16
 12

 TC-10
 CONTRACT NO. 62T26



TYPICAL TURN LANE MARKING

TYPICAL LEFT (OR RIGHT) TURN LANE

D(FT) SPEED LIMIT 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-TURN**

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' (600) APART 2' (600) 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.
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

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.

DRAWN -	REVISED	-	C. JUCIUS 07-01-13
PLOT SCALE = 100,0000 / in CHECKED -	REVISED	-	C. JUCIUS 12-21-15
PLOT DATE = 9/13/2023 DATE - 03-19-90	REVISED	-	C. JUCIUS 04-12-16

12 (300) WHITE

DETAIL "B"

DETAIL "A"

TYPICAL CROSSWALK MARKING

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

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

			DIST	RICT O	NE		F.A. RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
TYPICAL PAVEMENT MARKINGS							0541	FAP 0541 22 CJ	LAKE	16	13
	11110	~L	. ~	LIVILIAI	INIAIIKINUS			TC-13	CONTRACT NO. 62T26		
CHIEFT	2	OF		CHEETC	CTA	TO CTA					

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

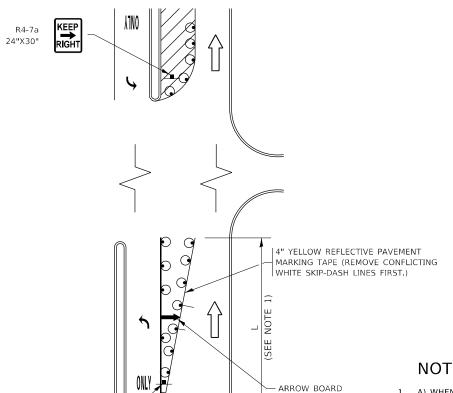


FIGURE 1

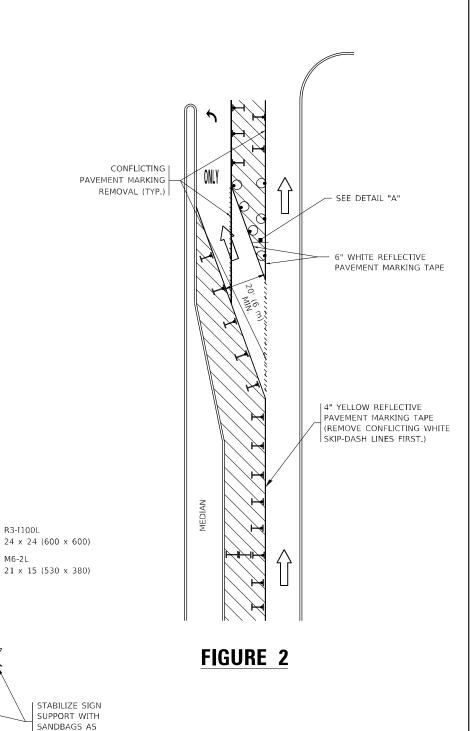
SEE DETAIL "A"

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

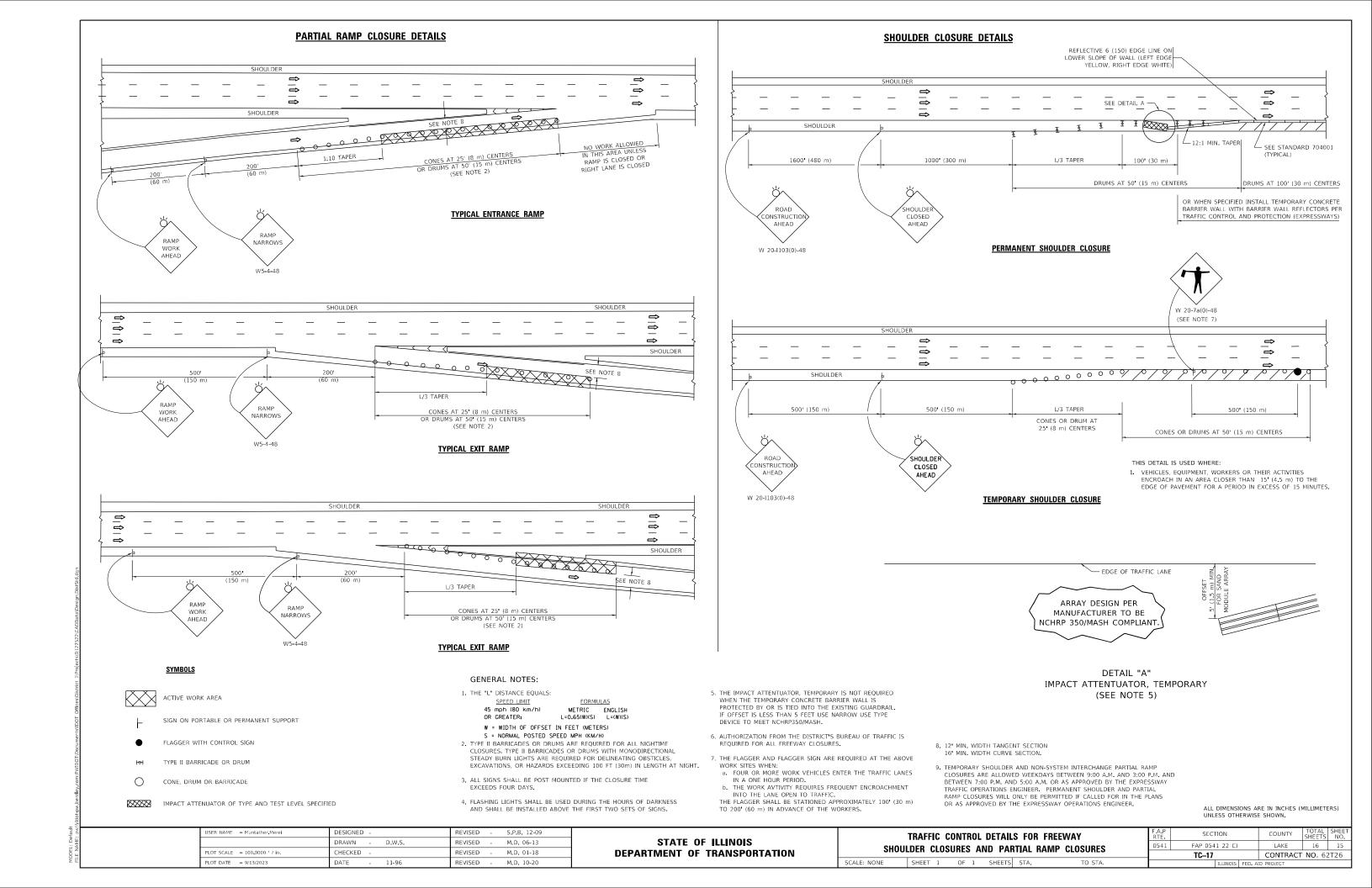
All dimensions are in inches (millimeters) unless otherwise shown.

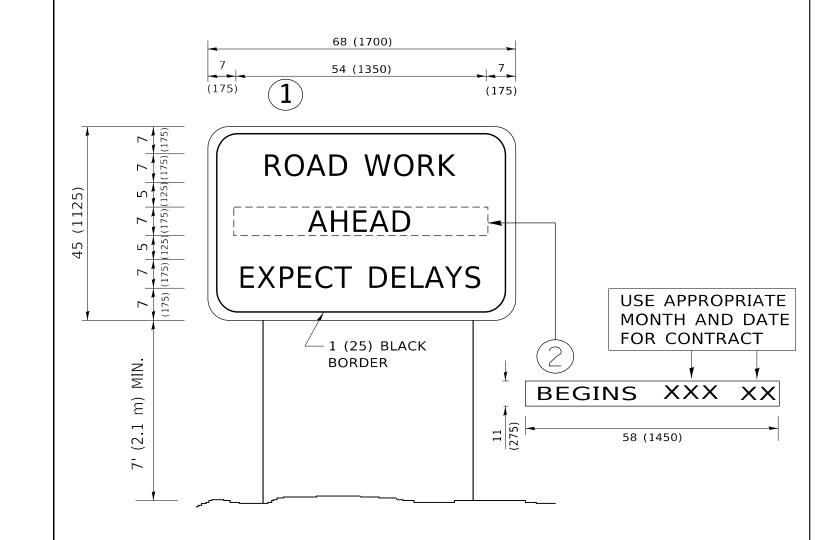
USER NAME = Muntather Merei	DESIGNED	- T.	RAMMACHER 09-08-94	REVISED	-	R. BORO 09-14-09
	DRAWN	-	A. HOUSEH 11-07-95	REVISED	- A.	SCHUETZE 07-01-13
PLOT SCALE = 100.0000 / in.	CHECKED	-	A. HOUSEH 10-12-96	REVISED	- A.	SCHUETZE 09-15-16
PLOT DATE = 9/13/2023	DATE	- T	RAMMACHER 01-06-00	REVISED		

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION**

TRAFF	IC CONT	TROL AND	PROTE	CTION AT	T TURN BAYS
	(TO	REMAIN	OPEN	TO TRAFI	FIC)
SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.

	TILIMOIS	EED A	D PROJECT			
TC-14			CONTRACT NO. 62T26			
0541	FAP 0541 22 CJ	LAKE	16	14		
F.A.P RTE	SECTION		COUNTY	TOTAL SHEETS	SHEE NO.	





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 = Muntather, Merei	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 = 9/13/2023	DATE -	REVISED	-	C. JUCIUS 01-31-07

ARTERIAL ROAD INFORMATION SIGN					F.A.P SECTION				
					0541	FAP 0541 22 CJ			
INI ONIVIATION SIGN						TC-22			
	SHEET 1	l	OF	1	SHEETS	STA.	TO STA.		ILLINOIS F