STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN UNINCORPORATED ORLAND PARK TOWNSHIP AND THE VILLAGE OF ORLAND PARK

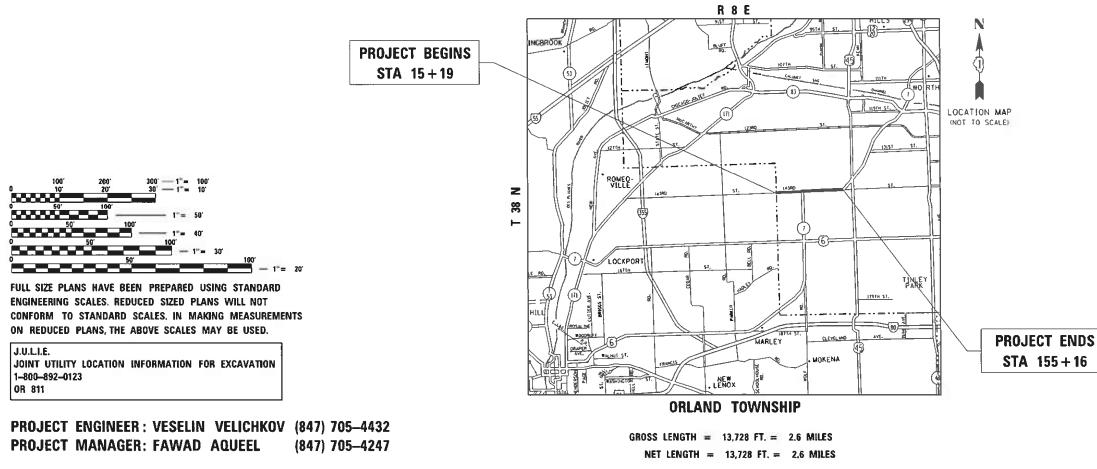
TRAFFIC DATA:

IL 7:

PROJECT BEGIN TO PROJECT END: ADT (2019) = 14800SPEED LIMIT = 35 MPH

PROPOSED HIGHWAY PLANS

FAU ROUTE 1600: IL 7 (143RD STREET) WILL-COOK ROAD TO SOUTHWEST HIGHWAY SECTION: 2020–119–I PROJECT: STP-4CJN(786) **CRACK AND JOINT SEALING COOK COUNTY** C-91-317-20



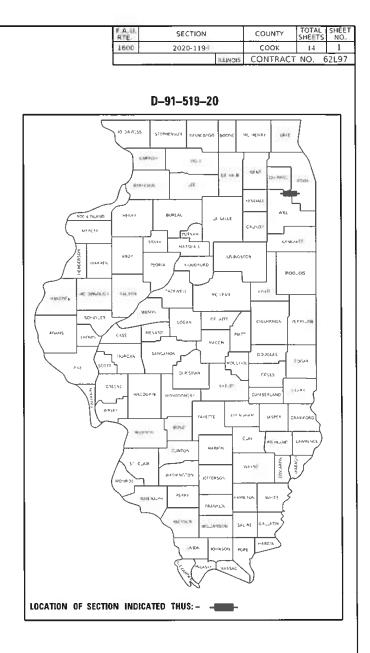
CONTRACT NO. 62L97

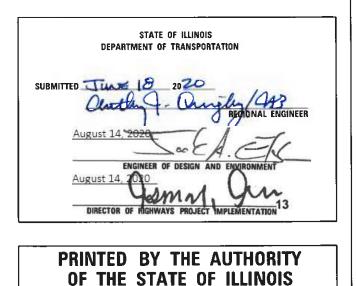
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GENERAL NOTES

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	CRACK AND JOINT SEALING DETAIL
5-10	PROPOSED ROADWAY AND PAVEMENT MARKING PLANS
11	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, Intersections, and driveways (TC-10)
12	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
13	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)
14	ARTERIAL ROAD INFORMATION SIGNING (TC-22)

HIGHWAY STANDARDS

- 000001-07 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701311-03 LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- 701501-06 URBAN LANE CLOSURE
- 701701-10 URBAN SINGLE LANE CLOSURE, MULTILANE INTERSECTION
- 701801-06 SIDEWALK, CORNER OR CROSSWALK CLOSURE
- 701901-08 TRAFFIC CONTROL DEVICES

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 VILLAGE OF ORLAND PARK.

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 PATRICE HARRIS AREA TRAFFIC FIELD ENGINEER AT PATRICE.HARRIS@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. 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.

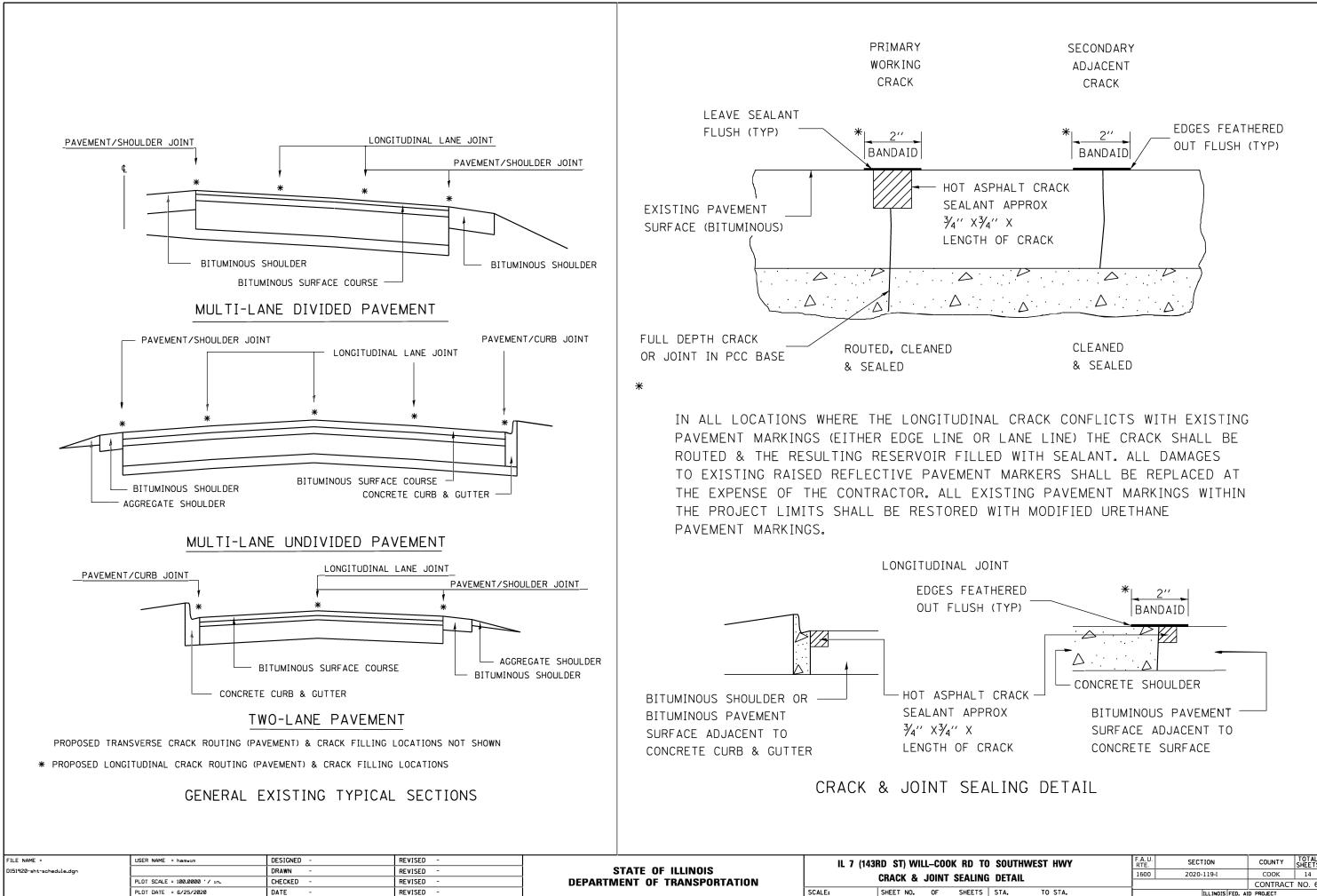
10) MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER CRACK AND JOINT SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF THE MODIFIED URETHANE PAVEMENT MARKING.

11) DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

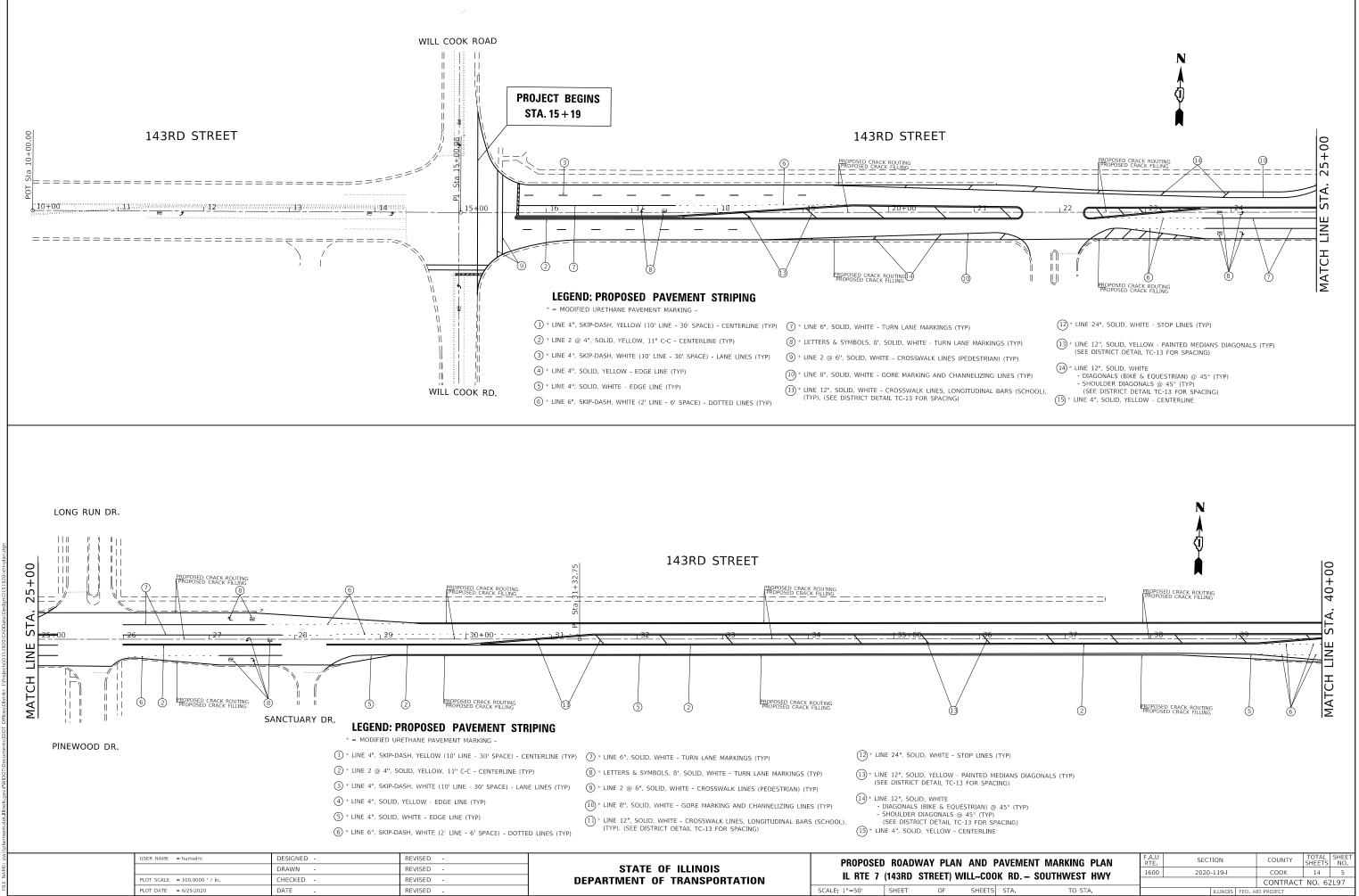
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	DRAWN -	REVISED -	STATE OF ILLINOIS						1600	2020-119-I	СООК	14 2	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES					CONTRACT	T NO. 62L97			
PLOT DATE = 6/25/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	5 STA.	TO STA.		ILLINOIS FI	D. AID PROJECT	

	SUMMA	RY OF QUANTITIES				CTION TYPE	CODE	┯──┤		SUM	MARY OF QUANTITIES	
CODE NO		ITEM	UNIT	TOTAL QUANTITIES URBAN	0005 80% FED 20% STATE				CODE	NO	ITEM	UNIT
45100100	CRACK ROUTING	(PAVEMENT)	FOOT	14184	14184				* 78009	008 MODIFIED L	JRETHANE PAVEMENT MARKING -	FOOT
										LINE 8"		
45100200	CRACK FILLING		POUND	10,831,	10,831							
									* 78009	MODIFIED L	JRETHANE PAVEMENT MARKING -	FOOT
67000400	ENGINEER'S FI	ELD OFFICE, TYPE A	CAL MO	3	3					LINE 12"		
67100100	MOBILIZATION		L SUM	1	1				* 78009	024 MODIFIED L	JRETHANE PAVEMENT MARKING -	FOOT
										LINE 24"		
70102620	TRAFFIC CONTR	OL AND PROTECTION.	L SUM	1	1							
	STANDARD 7015	01							Z0030	350 TEMPORARY	INFORMATION SIGNING	S0 F1
70102625	TRAFFIC CONTR	OL AND PROTECTION,	L SUM	1	1							
	STANDARD 7016	06										
70102630	TRAFFIC CONTR	OL AND PROTECTION,	L SUM	1	1							
	STANDARD 7016	01										
70102635	TRAFFIC CONTR	OL AND PROTECTION,	L SUM	1	1							
	STANDARD 7017	01										
70102640	TRAFFIC CONTR	OL AND PROTECTION,	L SUM	1	1							
	STANDARD 7018	01										
78009000			SO FT	1266	1266							
18003000	LETTERS AND S	HANE PAVEMENT MARKING -	30 11	1266	1266							
78009004	MODIFIED URET	HANE PAVEMENT MARKING -	FOOT	45978	45978	 						
78009006	MODIFIED URET	HANE PAVEMENT MARKING -	FOOT	4418	4418							
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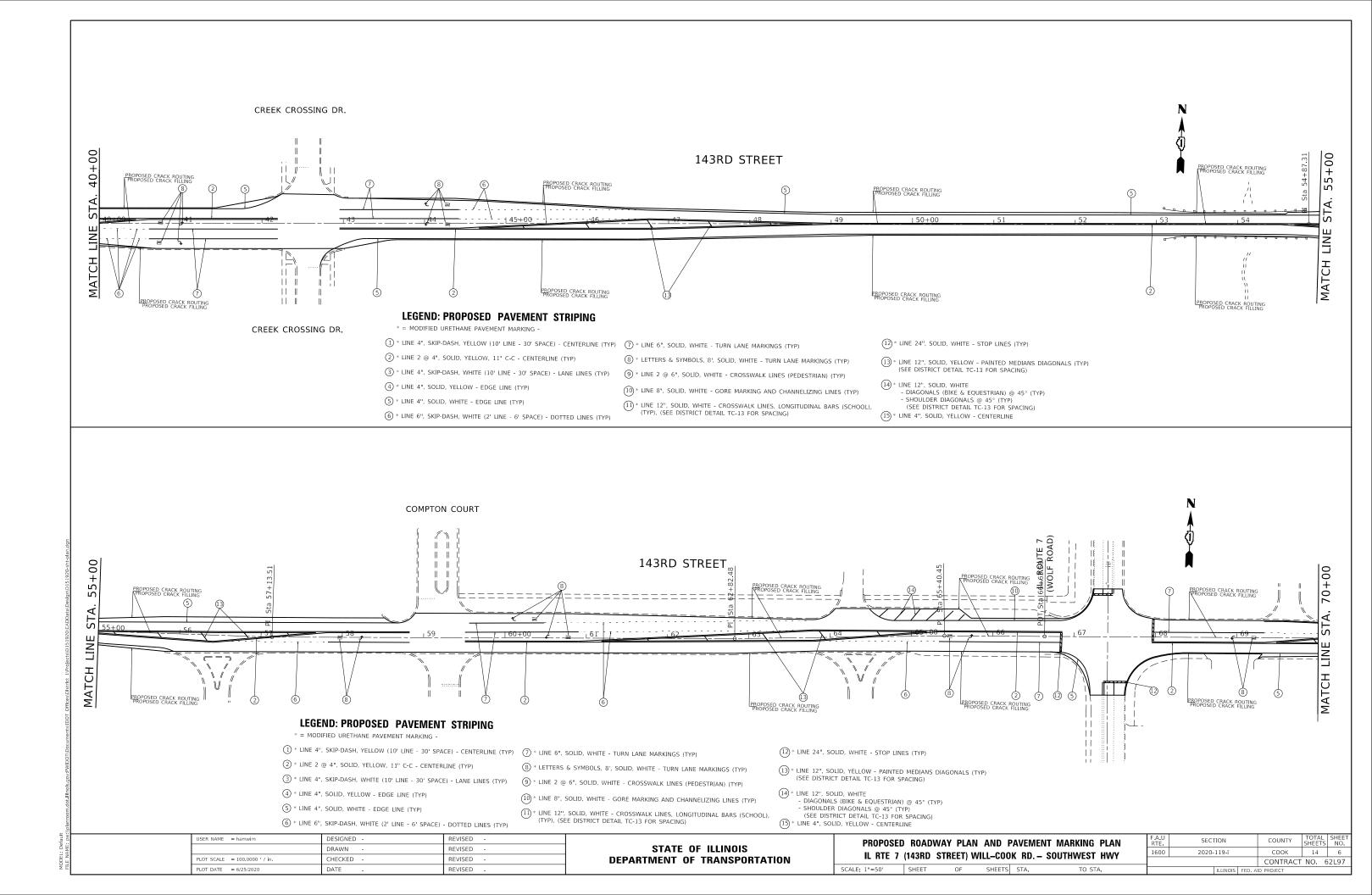
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	SOUTHWE	ST HWY		F.A.U. RTE. 1600	SECT1 2020-1				DTAL SHEET EETS NO. 14 3
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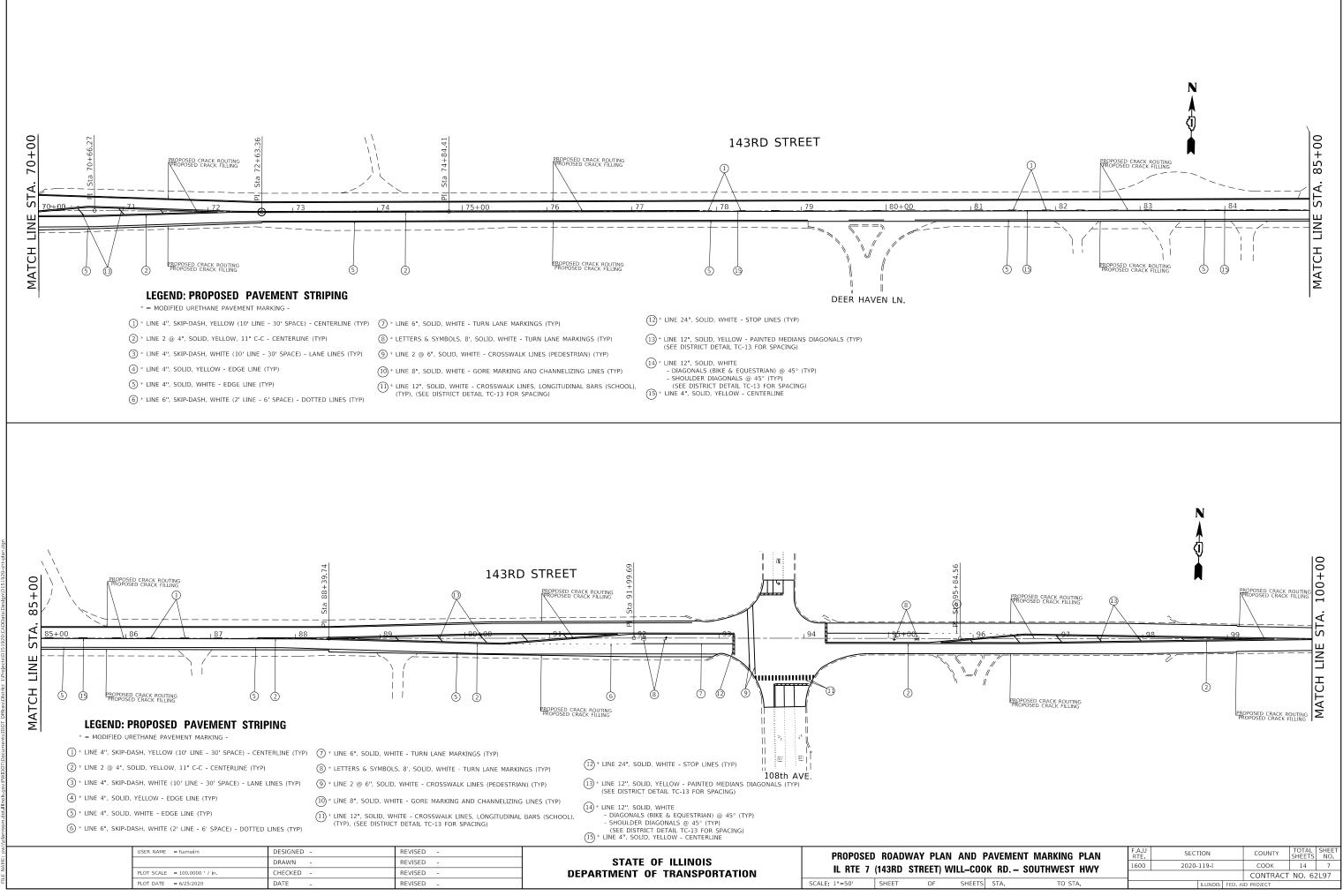


TO	SOUTHWE	ST HWY	F.A.U. RTE.			TOTAL SHEETS	SHEET NO.					
NC	DETAIL		1600	2020-119-I	COOK	14	4					
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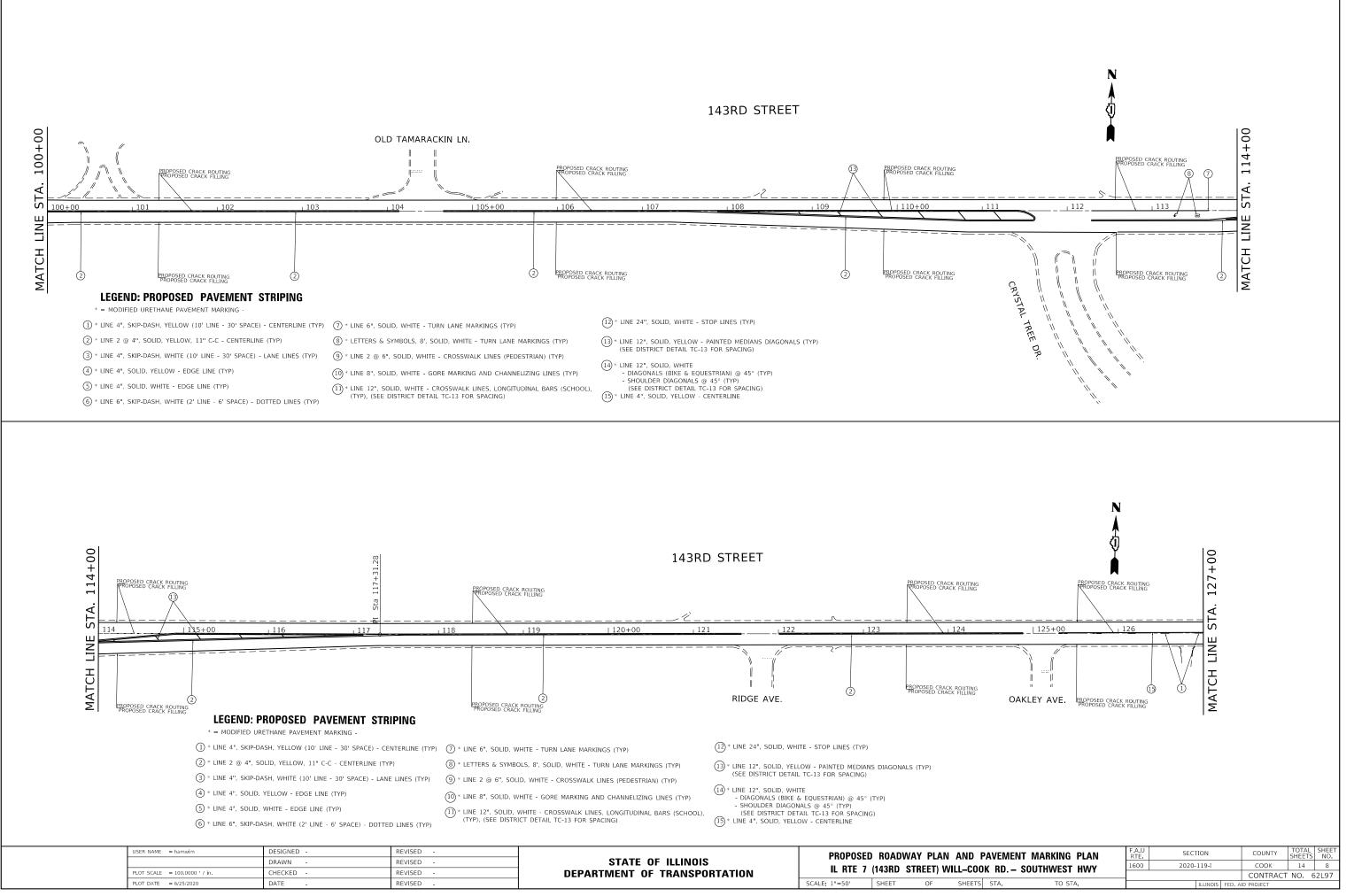


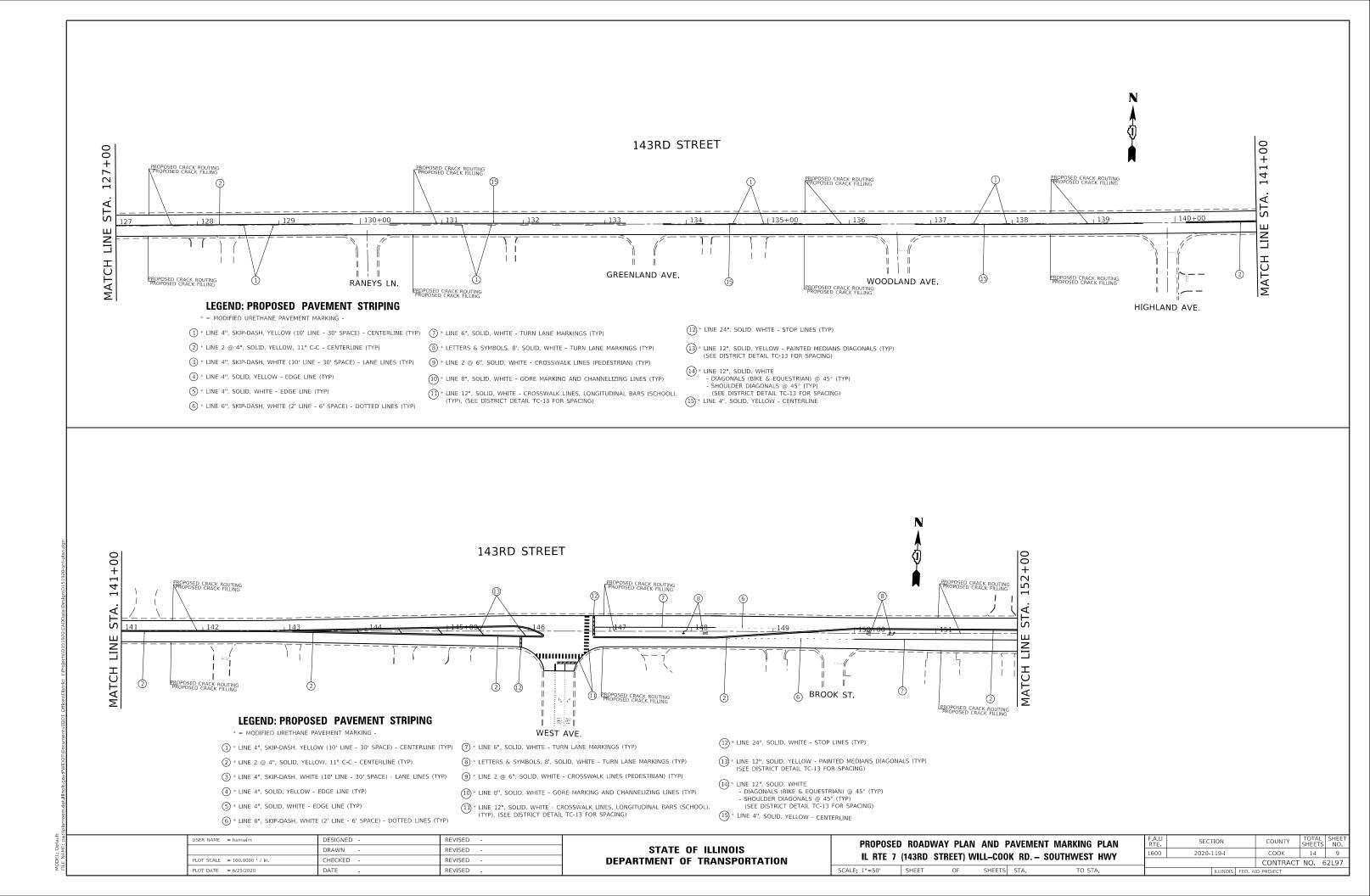
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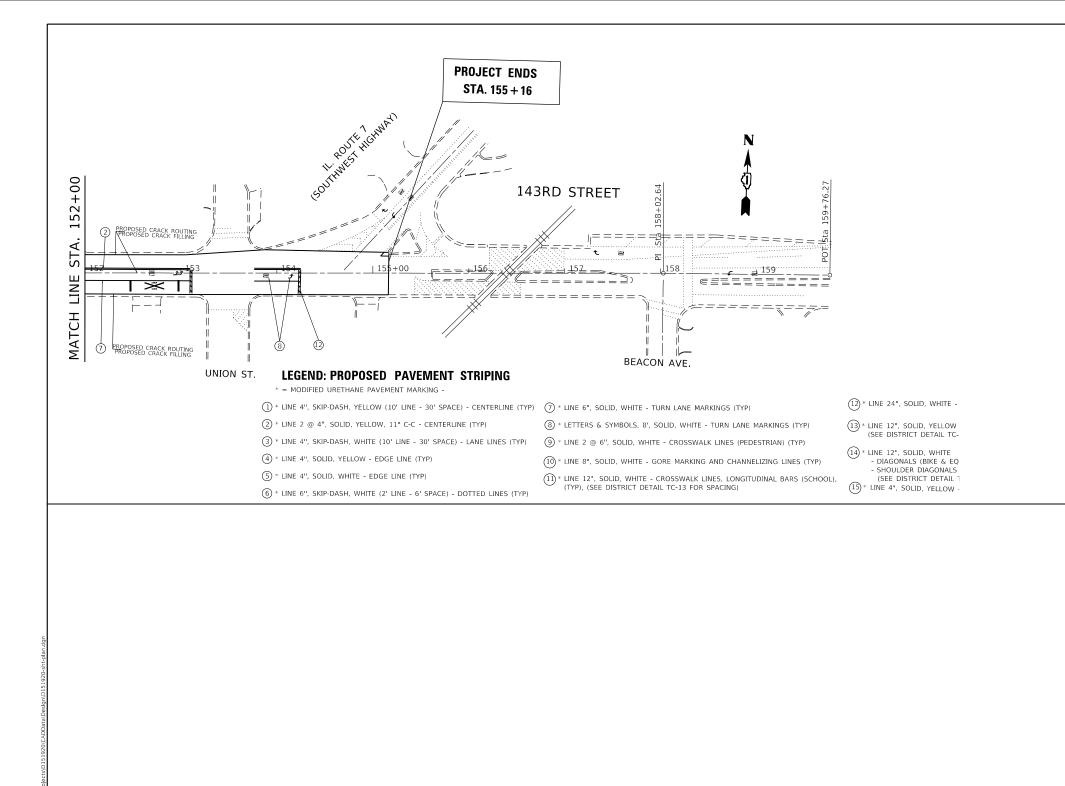




DEPARTMENT OF TRANSPORTATION	
	SCALE:



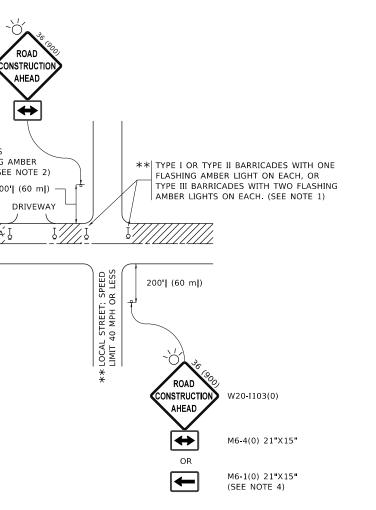




	USER NAME = hamwim	DESIGNED -	REVISED -		PROPOSED ROADWAY PLAN AND PAVEMENT MARKING PLAN					F.A.U BTE	SECTION	COUNTY	TOTAL	SHEET	
		DRAWN -	REVISED -	STATE OF ILLINOIS				1600	2020-119-I	соок	14	10			
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	DEPARTMENT OF TRANSPORTATION	IL RTE 7 (143RD STREE		IL RIE / (143RD SIRCEI) WILL-COUK RD SUUIRVVESI RVVY			UNIHAAF21 HAAA			CONTRAC	CT NO. 6	52L97
PLO ⁻	PLOT DATE = 6/25/2020	DATE -	REVISED -		SCALE: 1"=50'	SHEET	OF	SHEETS	STA.	TO STA		ILLINOIS FED. AID PROJECT			

	ROAD CONSTRUCTION AHEAD 15 (380) 21 (530) (U) 21 (530) (U) 21 (530) (U) 100 (U
	SPEED LIMITS - 40 MPH (60 km/h) SPEED LIMITS - 40 MPH (70 km/h) SPEED LIMITS - 40 MPH (70 km/h)
	 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 × 48 (1.2 m × 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 BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
TATE OF ILL	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). TRAFFIC CONTROL AND PROTECTION

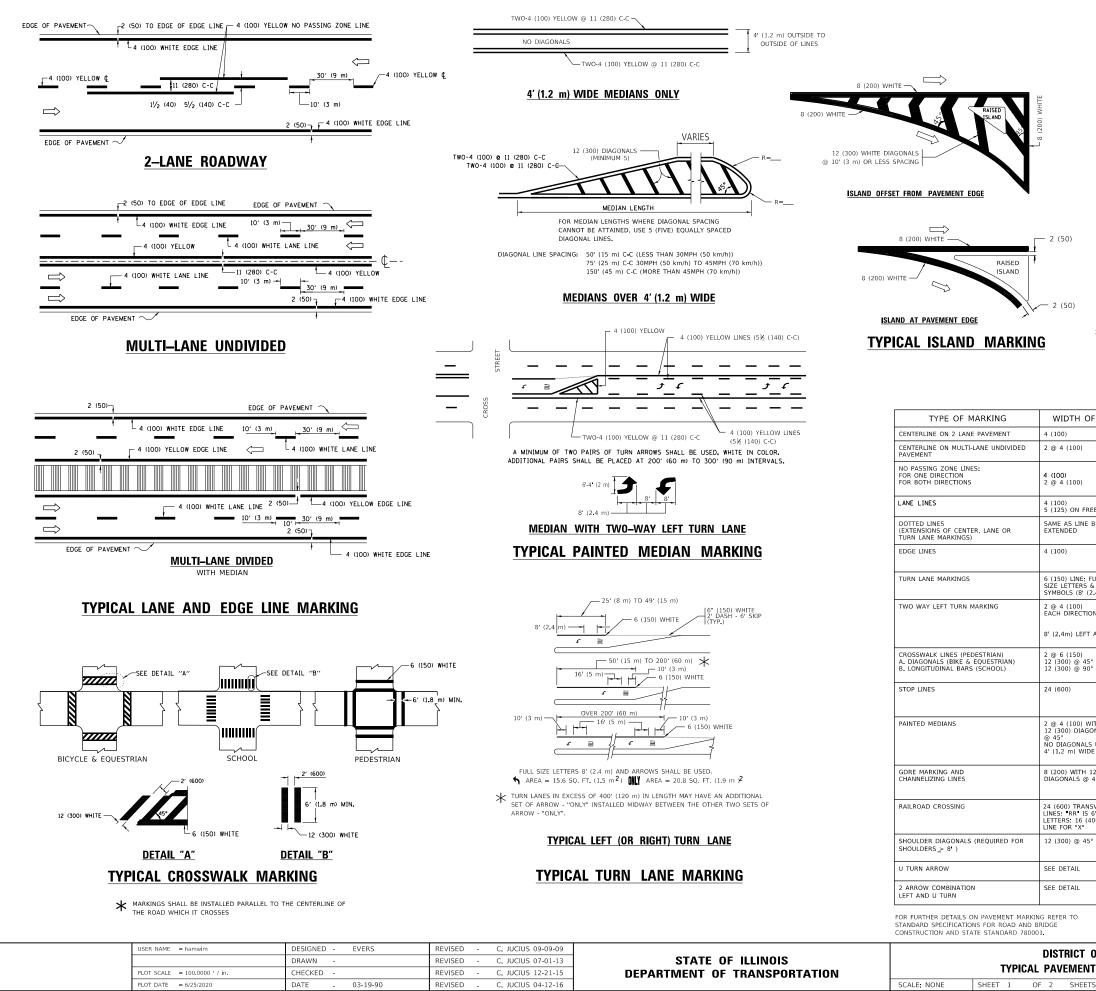
USER NAME = hamwim	DESIGNED L.H.A.	REVISED - A HOUSEH 10-15-96				TRAFFIC CONTROL AN		CTION FOR	F.A.U. BTE	SECTION	COUNTY	TOTAL SHEET
	DRAWN -	REVISED - T. RAMMACHER 01-06-00	STATE OF ILLI	INOIS		SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS			1600	2020-119-I	соок	14 11
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13	DEPARTMENT OF TRAM	NSPORTATION	SIDE RUADS, INTERSECTIONS, AND DRIVEWAYS		DRIVEWATS		TC-10	CONTRACT	NO 62L97	
PLOT DATE = 6/25/2020	DATE - 06-89	REVISED _ A. SCHUETZE 09-15-16			SCALE: NONE	SHEET 1 OF 1 SH	EETS STA.	TO STA.		ILLINOIS FEI	D. AID PROJECT	

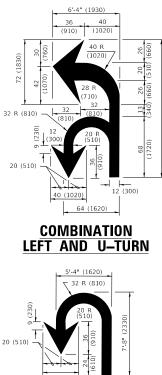


5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.

- 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.

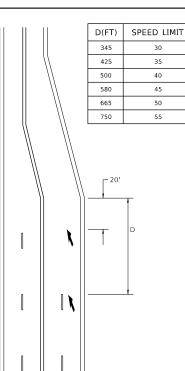
All dimensions are in inches (millimeters) unless otherwise shown.





(1020)

U_TURN



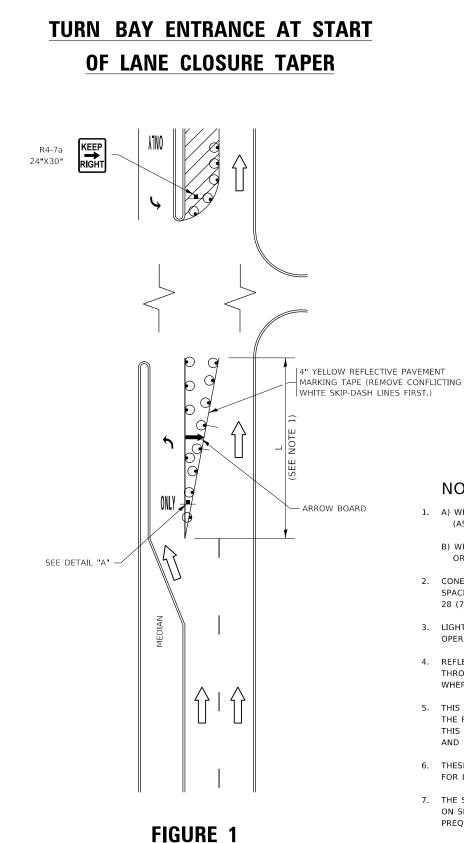
LANE REDUCTION TRANSITION

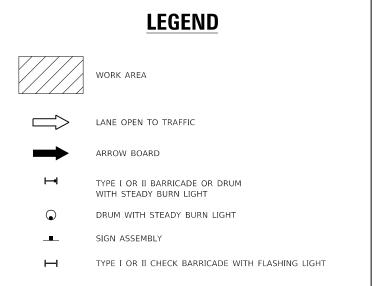
★ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

F LINE	PATTERN	COLOR	SPACING / REMARKS
	SKIP-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
=ULL & 2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
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
0	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE 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
VITH ONALS 5 USED FOR 9E MEDIANS	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	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))
SVERSE 6' (1.8 m) 100)	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m ₽́EACH "X"=54.0 SQ. FT. (5.0 m ₽́
٥	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))
	SOLID	WHITE	16.3 SF
	SOLID	WHITE	30.4 SF

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

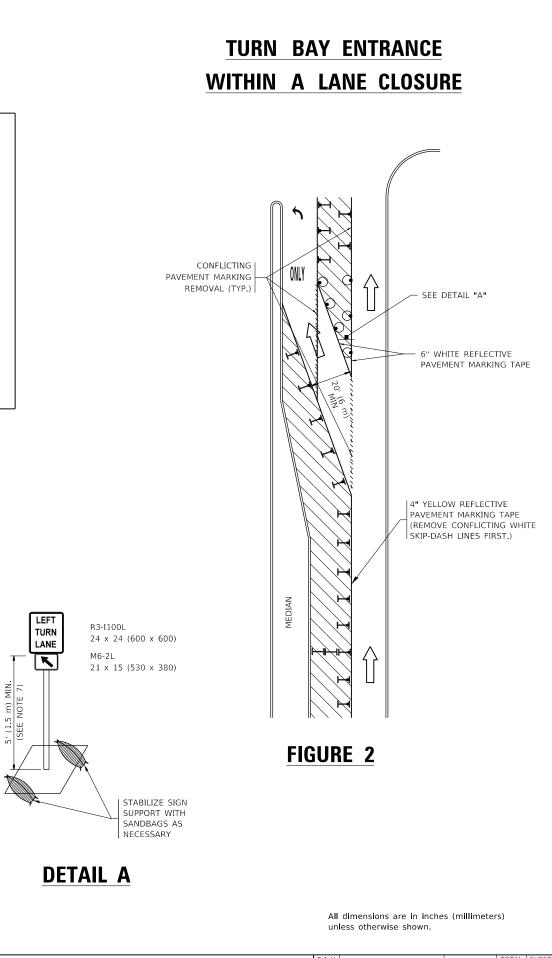
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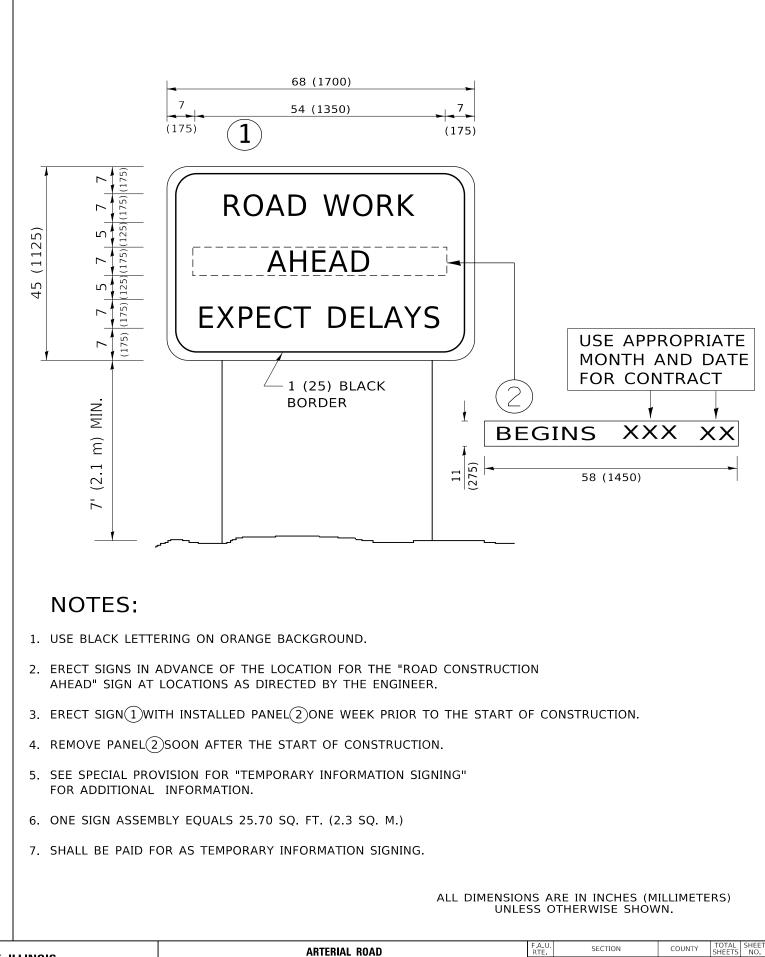


NOTES:

- 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 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.



-	USER NAME = hamwim	DESIGNED - T. RAMMACHER 09-08-94 REVISED - R. BORO 09-14-09	STATE OF ILLINOIS	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS	F.A.U. RTE	SECTION	COUNTY TOTAL SHEETS	SHEET NO.
-		DRAWN - A. HOUSEH 11-07-95 REVISED - A. SCHUETZE 07-01-13		(TO REMAIN OPEN TO TRAFFIC)	1600	2020-119-I	СООК 14	13
-	PLOT SCALE = 100.0000 / in.	CHECKED - A. HOUSEH 10-12-96 REVISED - A. SCHUETZE 09-15-16	DEPARTMENT OF TRANSPORTATION		т	TC-14	CONTRACT NO. 62	L97
	PLOT DATE = 6/25/2020	DATE -T. RAMMACHER 01-06-00 REVISED -		SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.		ILLINOIS FED. A	ID PROJECT	



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		DRAWN -	REVISED - R. MIRS 12-11-97	STATE OF ILLINOIS	INFORMATION			
	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -T. RAMMACHER 02-02-99	DEPARTMENT OF TRANSPORTATION			INFURI	ATION
	PLOT DATE = 6/25/2020	DATE -	REVISED - C. JUCIUS 01-31-07		SCALE: NONE	SHEET 1	OF 1	SHEETS

ROAD		F.A.U. RTE	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.		
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		_	TC-22		CONTRACT NO. 62L97				
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