01-15-2021 LETTING ITEM 171

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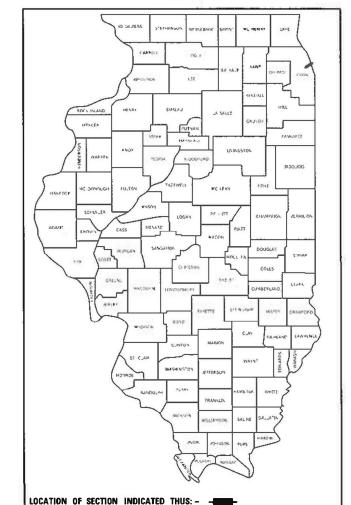
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STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

★ 18 + 1 = 19 TOTAL SHEETS

D-91-492-20



FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN

THE CITY OF CHICAGO,

VILLAGE OF HARWOOD HEIGHTS

AND VILLAGE OF NORRIDGE

TRAFFIC DATA

ADT 2019: 29400 VPD

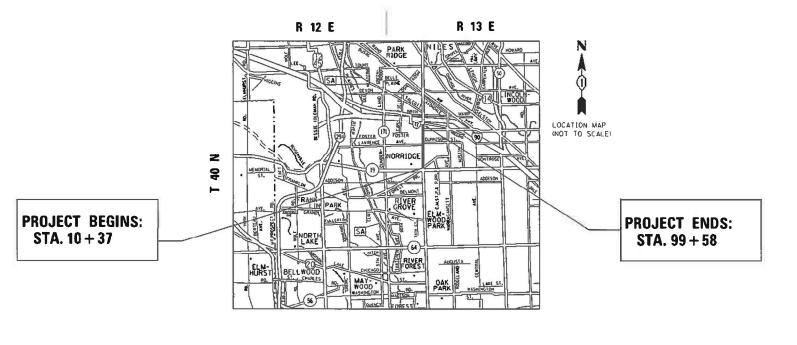
SPEED LIMIT: 30 MPH

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 348: IL 43 (HARLEM AVENUE)
IL 72 (HIGGINS ROAD) TO SOUTH OF CULLOM AVENUE
SECTION: 2020–093–I

CRACK & JOINT SEALING COOK COUNTY

C-91-290-20



GROSS LENGTH = 8921 FT. = 1.69 MILE NET LENGTH = 8921 FT. = 1.69 MILE

PROJECT ENGINEER: DANIEL WILGREEN (847) 705–4240
PROJECT MANAGER: FAWAD AQUEEL (847) 705–4247

CONTRACT NO. 62L71

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

Cotober 2, 2020

ENGINEER OF DESIGN AND ENVIRONMENT
October 2, 2020

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

13

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

REV-SEP

100' 200' 300' 1"= 100'
100' 20' 30' 1"= 10'
0 50' 100'
1"= 50'
0 50' 100'
1"= 40'
0 50' 100' 1"= 30'
0 50' 100' 1"= 20'

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 811

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5-6	TYPICAL SECTIONS
7-10	ROADWAY PLANS AND PAVEMENT MARKING PLANS
10A	CRACK & JOINT SEALING DETAIL
11	CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT (BD-24)
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	ARTERIAL ROAD INFORMATION SIGNING (TC-22)
16-18	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (TC-24)

STANDARDS

442101-09	CLASS B PATCHES
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS < 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH By-directional left turn lane
701606-10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN SINGLE LANE CLOSURE, MULTILANE INTERSECTION
701801-06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
701901-08	TRAFFIC CONTROL DEVICES

GENERAL NOTES

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.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES OF THE CITY OF CHICAGO, VILLAGE OF HARWOOD HEIGHTS AND VILLAGE OF NORRIDGE.

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 CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR VIA EMAIL Kalpana.Kannan-Hosadurga@illinois.gov (FOR ARTERIALS) A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

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.

THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

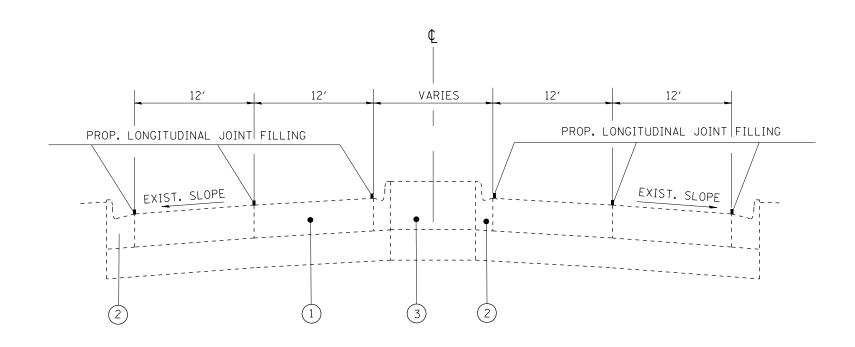
MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER C & J SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF MODIFIED URETHANE PAVEMENT MARKING

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.

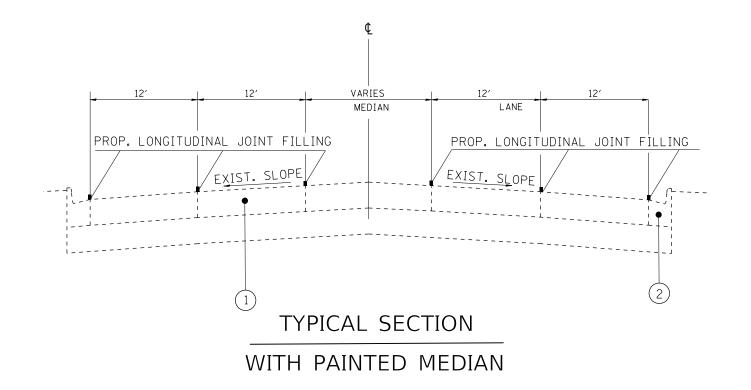
USER NAME = mesadoj	DESIGNED -	REVISED - 9/28/20 - DW
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED -
PLOT DATE = 9/3/2020	DATE -	REVISED -

<u> </u>	SUMMARY OF QUANTITIES				CONSTRU	CTION TYPE	CODE			CLIMMAN	RY OF QUANTITIES				CON	STRUCTION	TYPE CO	DE
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CODE NO	ITEM	UNIT	TOTAL QUANTITIES 1 URBAN	100% STATE					CODE NO		ITEM	UNIT	TOTAL QUANTITIES URBAN	100% STATE				
									45200100	JOINT OR CRA	CK ROUTING (PC CONCRETE	FOOT	58,879	58,879				
										PAVEMENT AND	SHOULDER)							
										1								
									45200300	JOINT OR CRA	CK FILLING	POUND	16,822	16,822				
								1										
	-								67000400	ENGINEER'S F	IELD OFFICE, TYPE A	CAL MO	6	6				
									67100100	MOBILIZATION		L SUM	1	1				
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										STANDARD 701	606							
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	SUMMARY OF QUANTITIES				CONSTRU	CTION TYPE	CODE			SUMMARY OF QUANTITIES				CO	NSTRUCTION	I TYPE CO	DDE
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70102635	TRAFFIC CONTROL AND PROTECTION,	L SUM	1	1													
	STANDARD 701701																
							İ		Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51. 4	51. 4				
£ 78009000	MODIFIED URETHANE PAVEMENT MARKING -	SO FT	1412	1412													
	LETTERS AND SYMBOLS																
78009004	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	22810	22810													
	LINE 4"																
	MODIFIED UPSTICES SAFETY		F. 75														
78009006	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	5135	5135													
	LINE 6"																
78009008	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	1907	1907													
	LINE 8"																
78009012	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	2360	2360													
	LINE 12"										İ						
78009024	MODIFIED URETHANE PAVEMENT MARKING -	FOOT	9624	9624													
	LINE 24"													1			
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	60	60													
	THE PROPERTY MANNEY																
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	PLOT SCALE = 100,0000 '/ In. (CHECKED - DATE -		REVISED REVISED	-		DEPARTME	NT OF TE	RANSPORTA	TION SUMM/	ARY OF QUANT		O STA.	348	2020-093		CONTRACT NO. 62L7



TYPICAL SECTION WITH CONCRETE MEDIAN



<u>LEGEND</u>

- (1) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT - 9 3/4"
- 2 EXISTING CURB AND GUTTER
- (3) EXISTING CONCRETE MEDIAN

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY CROSS SECTIONS
IL 43 (HARLEM AVENUE) (IL. RTE. 72 — CULLOM AVE.)

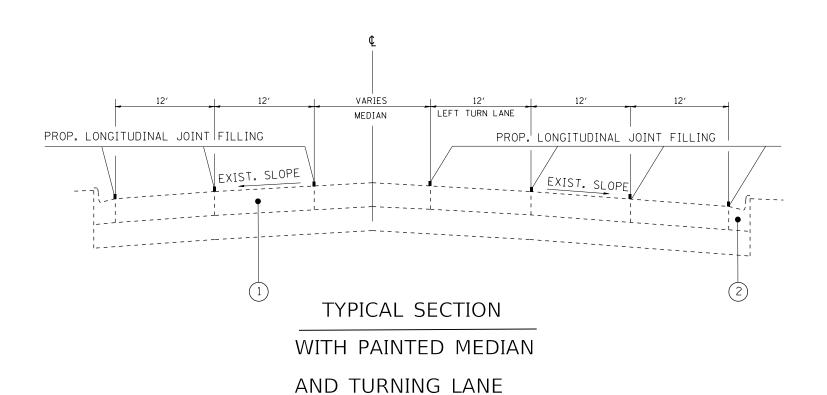
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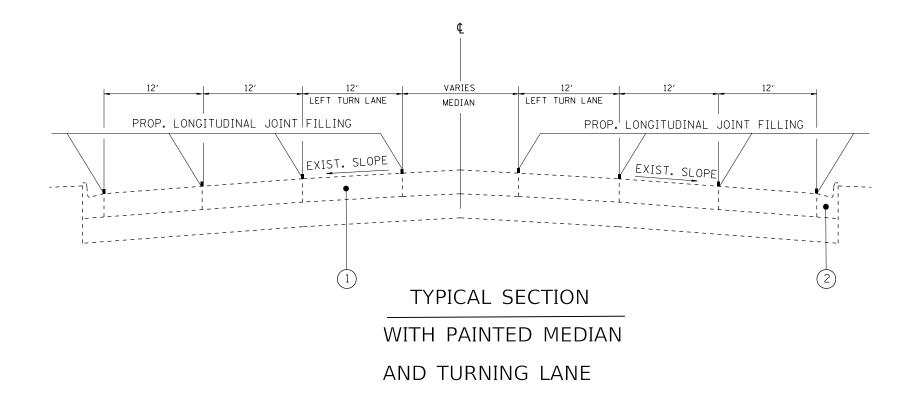
 N.P. E.
 SECTION
 COUNTY SHEETS
 TOTAL SHEETS NO.

 48
 2019-093-I
 COOK
 18
 5

 CONTRACT NO. 62L71

 IILLINOIS FED. AID PROJECT





<u>LEGEND</u>

- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT - 9 3/4"
- (2) EXISTING CURB AND GUTTER
- (3) EXISTING CONCRETE MEDIAN

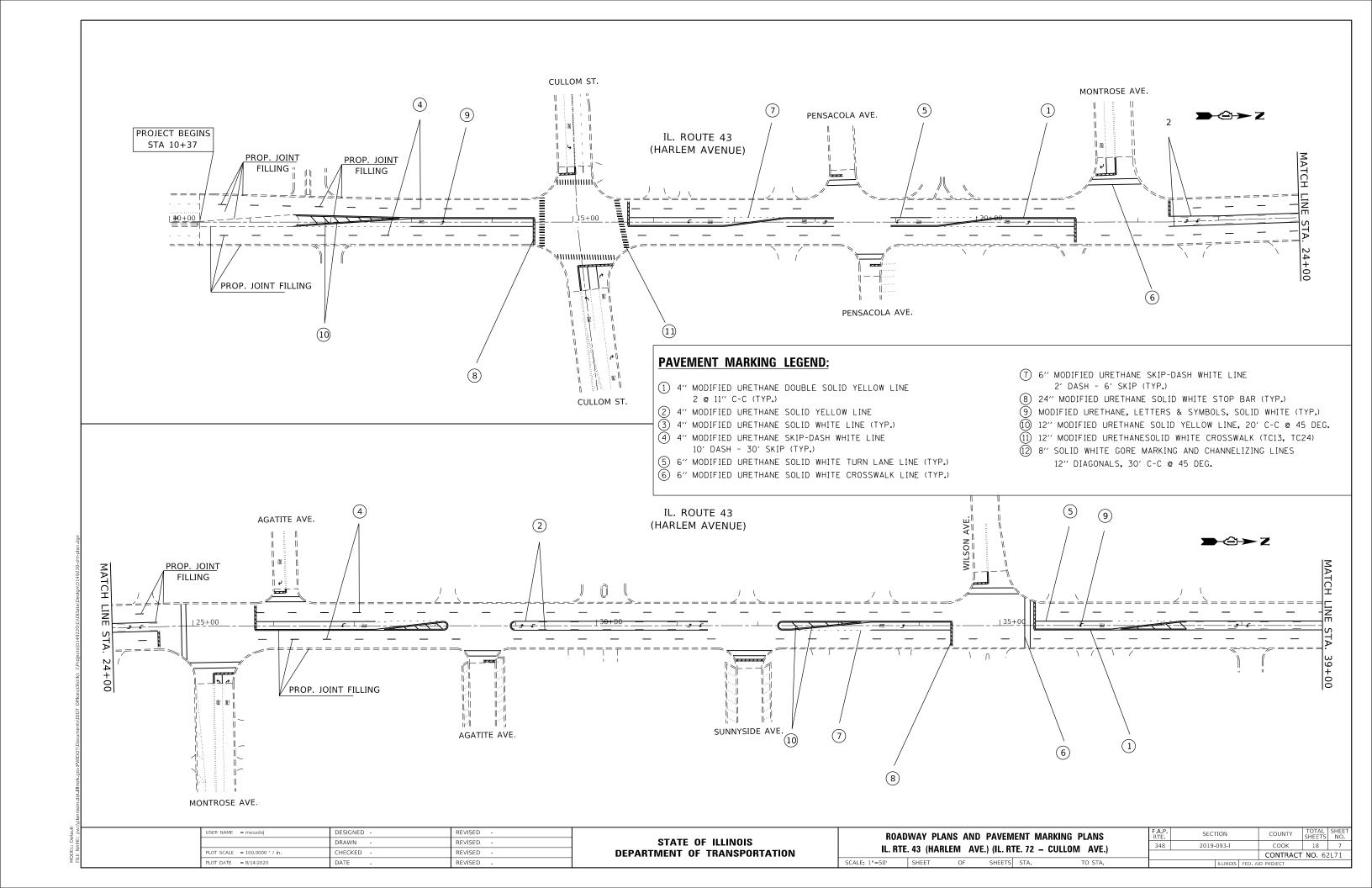
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

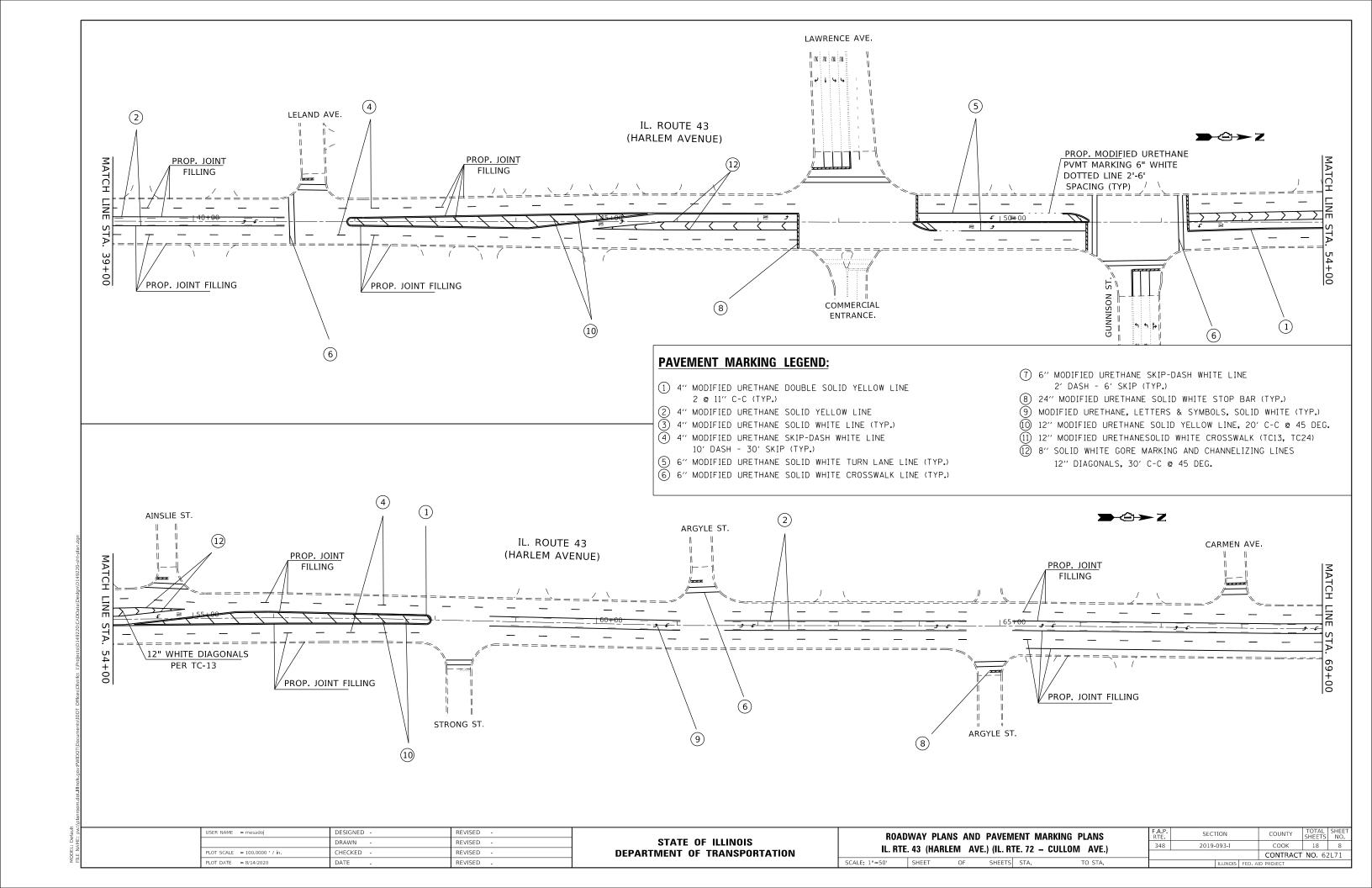
EXISTING ROADWAY CROSS SECTIONS
IL 43 (HARLEM AVENUE) (IL RTE. 72 — CULLOM AVE.)

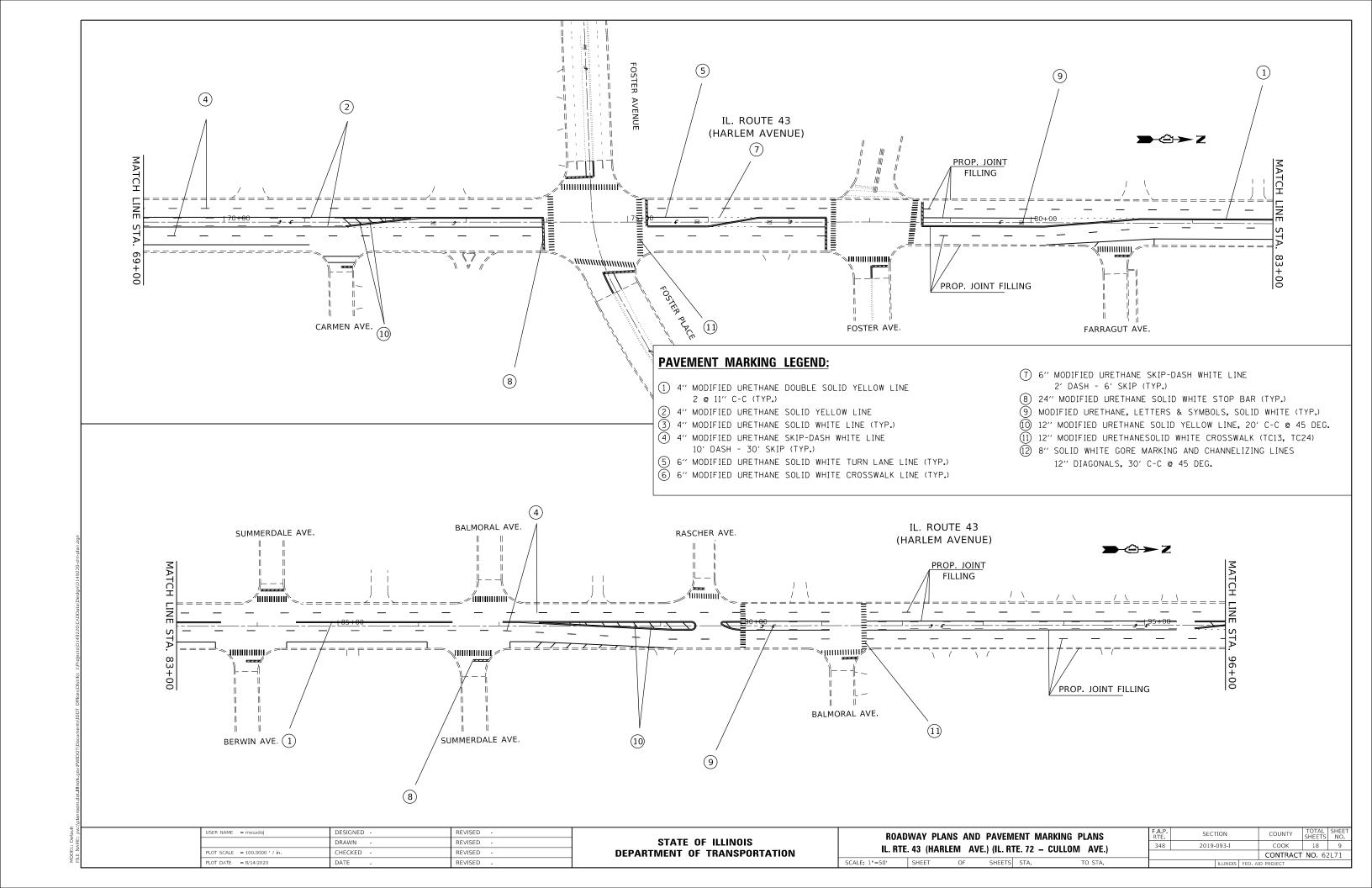
P. SECTION COUNTY TOTAL SHEETS NO.

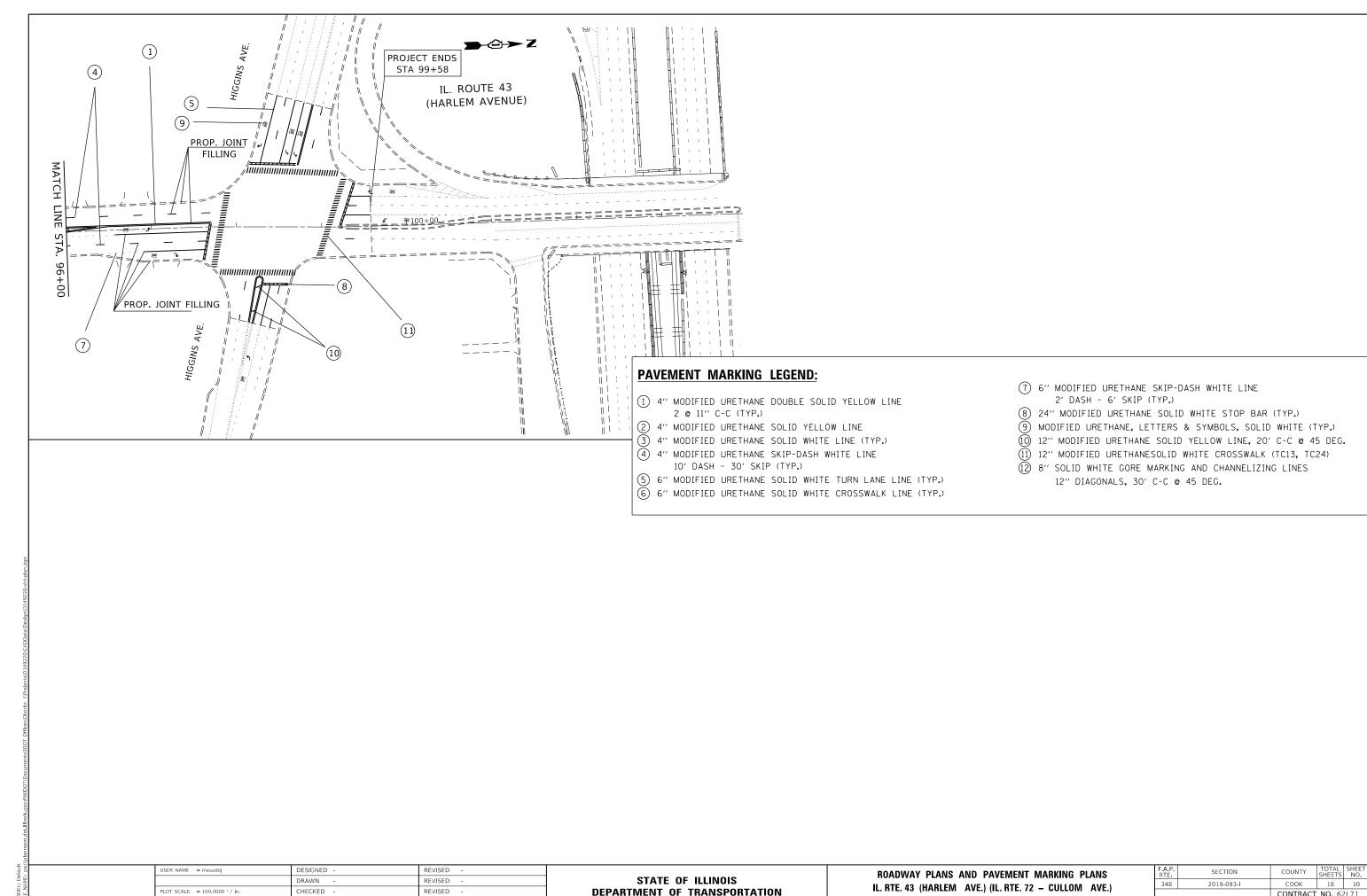
18 2019-093-1 COOK 18 6

CONTRACT NO. 62L71









PLOT DATE = 8/14/2020

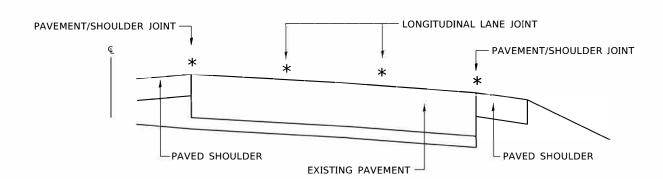
DATE

REVISED

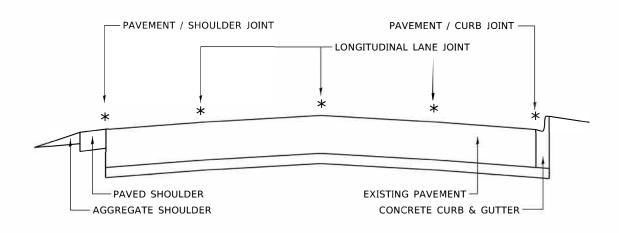
DEPARTMENT OF TRANSPORTATION

IL. RTE. 43 (HARLEM AVE.) (IL. RTE. 72 – CULLOM AVE.) SCALE: 1"=50' SHEET OF SHEETS STA.

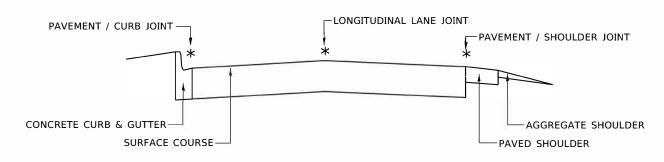
COOK 18 10 2019-093-I CONTRACT NO. 62L71



MULTI-LANE DIVIDED PAVEMENT



MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

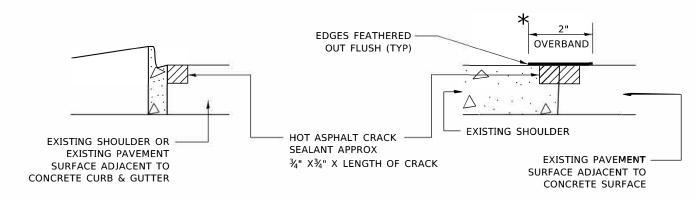
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

GENERAL EXISTING TYPICAL SECTIONS (APPLIES TO HMA AND PCC PAVEMENTS)

PRIMARY **SECONDARY** ADJACENT WORKING CRACK CRACK (NOT FULL DEPTH CRACK) LEAVE SEALANT 2" 2" EDGES FEATHERED FLUSH (TYP) OUT FLUSH (TYP) OVERBAND OVERBAND HOT ASPHALT CRACK SEALANT APPROX ¾" X¾" X LENGTH OF CRACK EXISTING PAVEMENT SURFACE ROUTED, CLEANED CLEANED FULL DEPTH CRACK & SEALED & SEALED OR JOINT IN PCC BASE

> ★ 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.

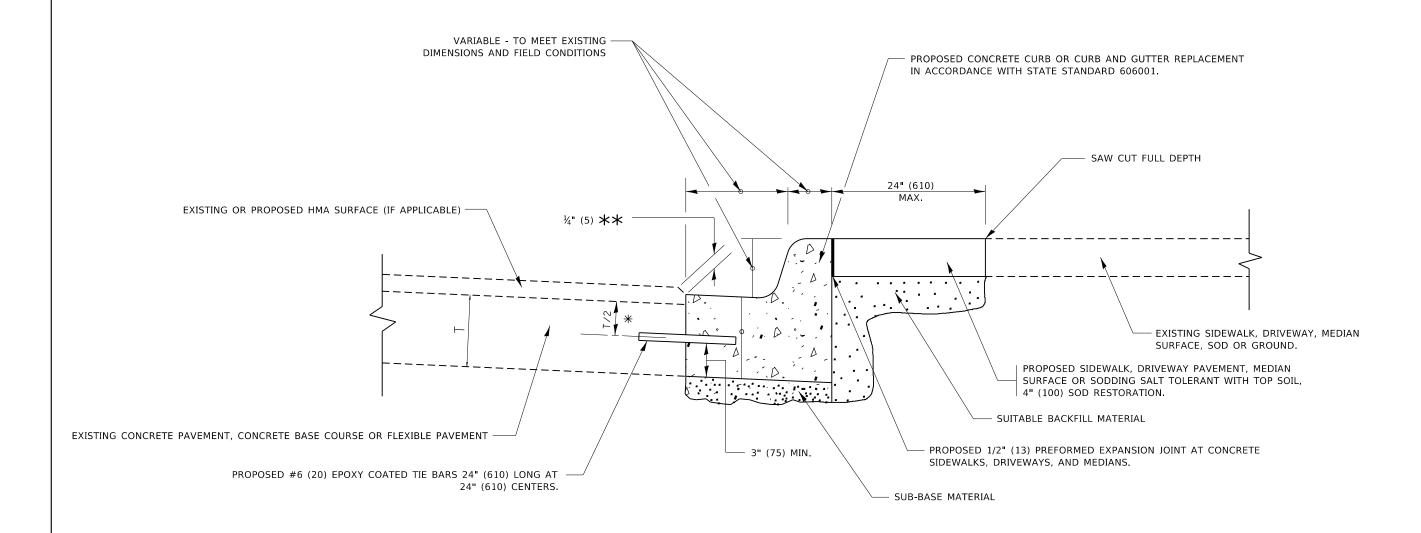
LONGITUDINAL JOINT



CRACK & JOINT SEALING DETAIL

	USER NAME = leysa	DESIGNED F. Aqueel / A. Midy	REVISED =
		DRAWN	REVISED =
- 3	PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED =
	PLOT DATE = 10/7/2020	DATE 10/08/2020	REVISED =

	CRACK &	JOINT	SEALING	DETAIL	(PD-11)	F.A.P. RTE. 348	SEC ⁻ 2020-			COOK	TOTAL SHEETS 18	10A
_						-				CONTRACT	NO. b	2L71
	SHEET	OF	SHEETS	STA.	TO STA.			ILLINOIS	FED. Al	D PROJECT		



- 💥 3" (75) MINIMUM FROM TOP AND BOTTOM OF THE CONCRETE PAVEMENT OR BASE COURSE.
- $\star\star$ if the final surface of the pavement is concrete, the gutter is to be flush WITH THE PAVEMENT.

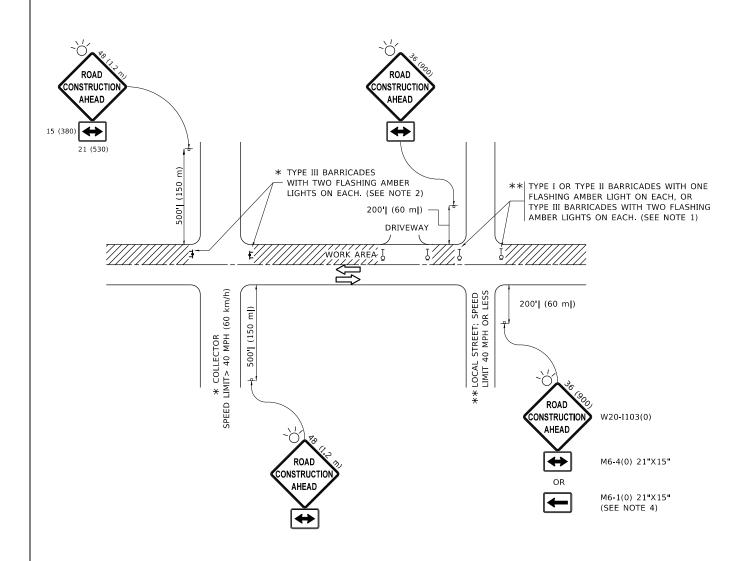
CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT

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

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

ILLINOIS **TRANSPORTATION**

CURB OR CURB AND GUTTER REMOVAL AND REPLACEMENT BD600-06 (BD-24) CONTRACT NO. 62L71 SHEET 1 OF 1 SHEETS STA.



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)
- 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
- 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.

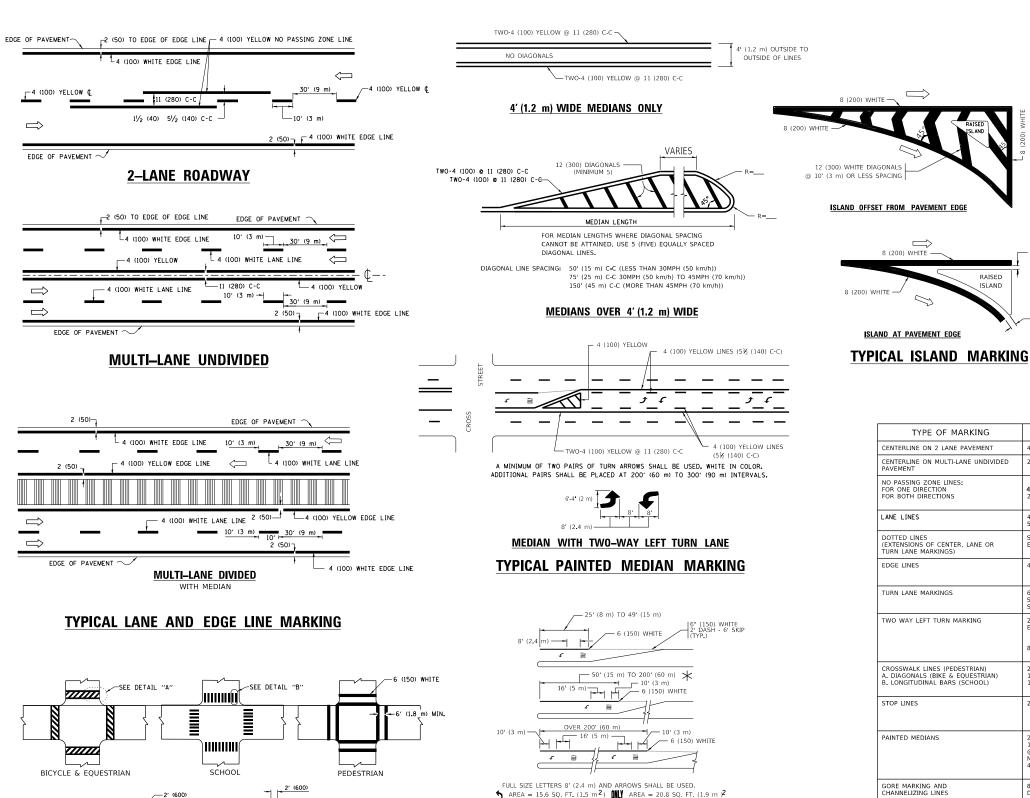
All dimensions are in inches (millimeters) unless otherwise shown.

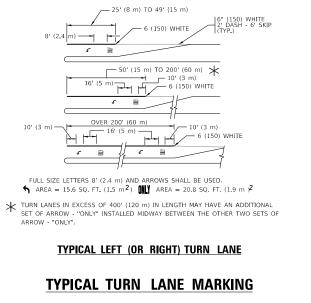
USER NAME = mesadoj	DESIGNED - L.H.A.	REVISED - A. HOUSEH 10-15-96
	DRAWN -	REVISED - T. RAMMACHER 01-06-00
PLOT SCALE = 100.0000 / in.	CHECKED -	REVISED - A. SCHUETZE 07-01-13
PLOT DATE = 8/14/2020	DATE - 06-89	REVISED A SCHUETZE 09-15-16

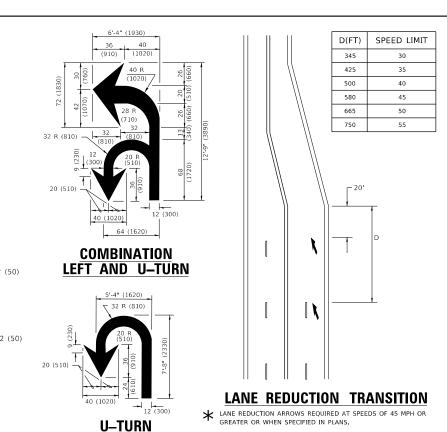
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

						TION FOR DRIVEWAYS
SCALE: NONE	SHEET	1 OF	1	SHEETS	STA.	TO STA.

F.A.P. RTE	SEC ⁻	TION		COUNTY	TOTAL SHEETS	SHE
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	TC-10	CONTRACT	NO. 62	2L71		
		ILLINOIS	FED. A	ID PROJECT		







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' (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

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

8 (200) WHITE -

ISLAND AT PAVEMENT EDGE

RAISED

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

USER NAME = mesadoj	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

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**

		ı	DIST	RICT O	NE		F.A.P. RTE.	SECT	TON	COUNTY	TOTAL SHEETS	SHEET NO.
				MARKINGS		348	2020-	093-I	соок	18	13	
<u>'</u>	TYPICAL PAVEMENT MARKINGS						TC-13			CONTRACT NO. 62L71		
CHEET	2	0.5	2	CHEETC	CTA	TO CTA						

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

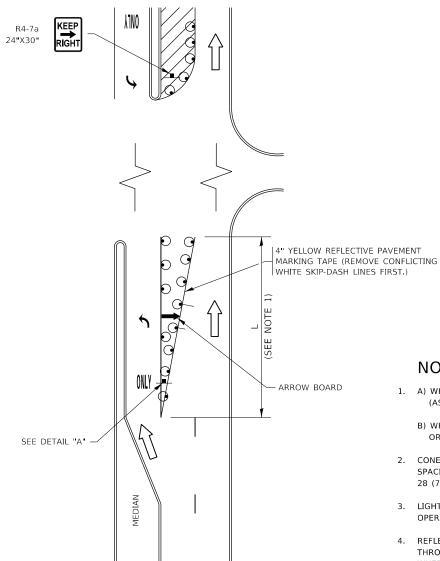


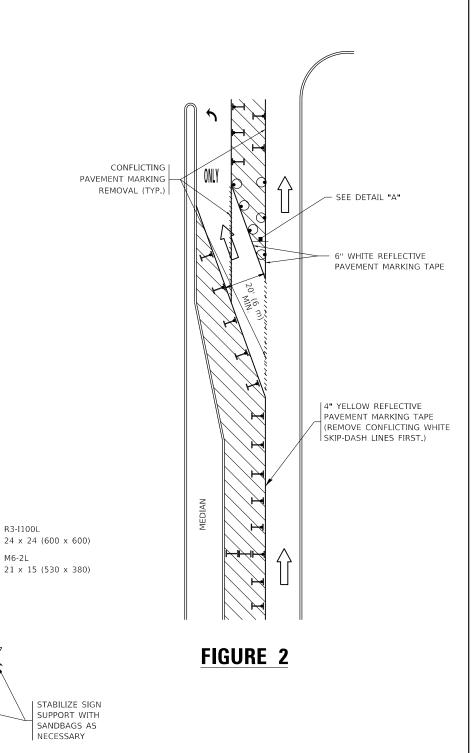
FIGURE 1

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

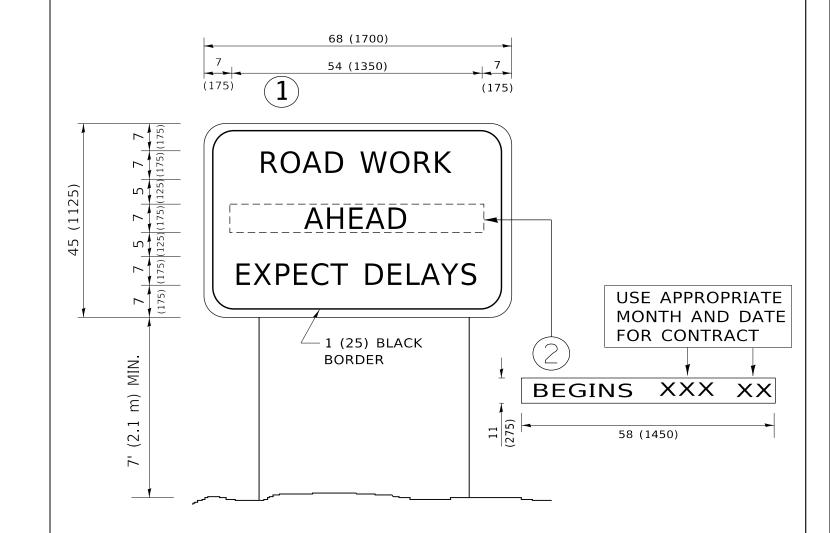
All dimensions are in inches (millimeters) unless otherwise shown

USER NAME = mesadoj	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**

TRAF	FIC CONTI	ROL AND	PROTECTION AT	TURN BAYS	F.A.P. RTE	SECTION
	(TO	REMAIN	OPEN TO TRAFF	IC)	348	2020-093-I
	, ,,,	ILLIVIALIA	OI LIV TO THAT	10)		TC-14
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COOK 18 14 CONTRACT NO. 62L71 SHEET 1 OF 1 SHEETS STA.



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.)

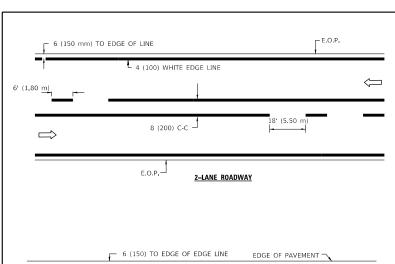
SCALE: NONE

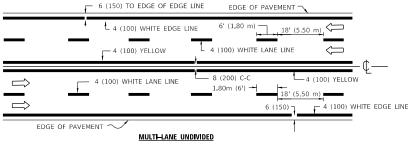
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

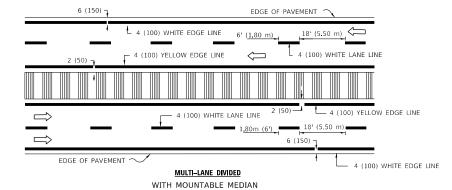
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = mesadoj	DESIGNED -	REVISED	-	R. MIRS 09-15-97
	DRAWN -	REVISED	-	R. MIRS 12-11-97
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED	- T. F	RAMMACHER 02-02-9
PLOT DATE = 8/14/2020	DATE -	REVISED	_	C. JUCIUS 01-31-07

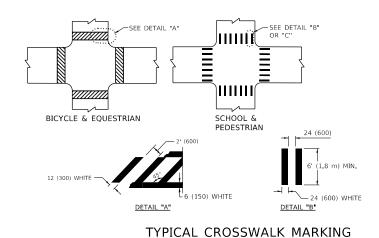
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		INFO	RΝ	IATION	SIGN		348	2020-	-093-I		соок	1
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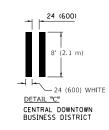


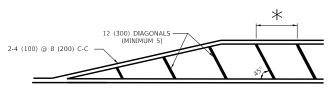




NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE TYPICAL LANE AND EDGE LINE MARKING

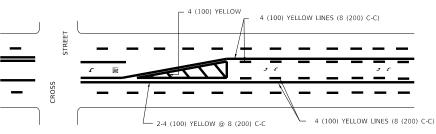




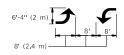


- * FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.
- * DIAGONAL LINE SPACING: 20' (6.1 m) C-C

PAINTED MEDIANS

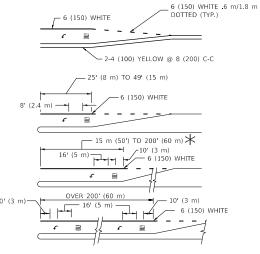


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

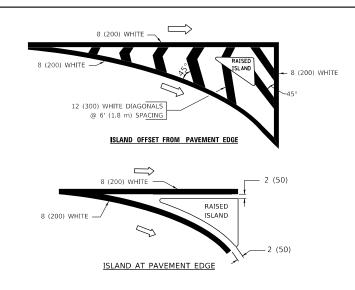


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. \uparrow AREA = 15.8 SQ. FT. (1.47 m²) 0 AREA = 22.9 SQ. FT. (2.13 m²)

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



TYPICAL ISLAND MARKING

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING / REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	6' (1.80 m) LINE WITH 18' (5.50 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	8 (200) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	8 (200) C-C
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	6' (1.80 m) LINE WITH 18' (5.50 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) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4 m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION	SKIP-DASH AND SOLID	YELLOW	6' (1.8 m) LINE WITH 18' (5.50 m) SPACE FOR SKIP-DASH; 8 (200) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE
	8' (2.4 m) LEFT ARROW	IN PAIRS	WHITE	SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL & PEDESTRIAN)	12 (300) @ 45° 24 (600) @ 90°	SOLID SOLID	WHITE WHITE	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°	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	8 (200) 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: 20' (6.1 m) (LESS THAN 30 MPH (50 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 SO. FT. (0.33m²) EACH "X":54.0 SO. FT. (5.0 m²)

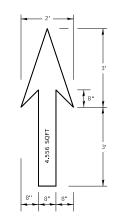
FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STREET MARKING STANDARDS, PRINTED BY CITY OF CHICAGO, DEPARTMENT OF TRANSPORTATION, BUREAU OF TRAFFIC.

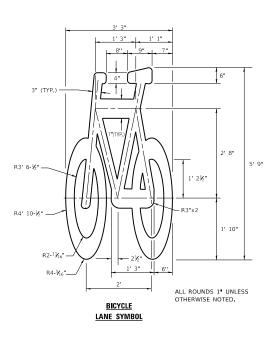
ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

USER NAME = mesadoj	DESIGNED -	REVISED -T. RAMMACHER 12-07-00
	DRAWN -	REVISED - K. ENG 02-28-12
PLOT SCALE = 100.0001 / in.	CHECKED -	REVISED -
PLOT DATE = 8/14/2020	DATE -	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

	CITY OF CHICAGO									COUNTY	TOTAL SHEETS	SHEET NO.
	TYPICAL PAVEMENT MARKINGS								2020-093-I	соок	18	16
	1111	ML	FAV	LIVILIVI	WIANKIIVOS				TC-24	CONTRACT	NO. 62	2L71
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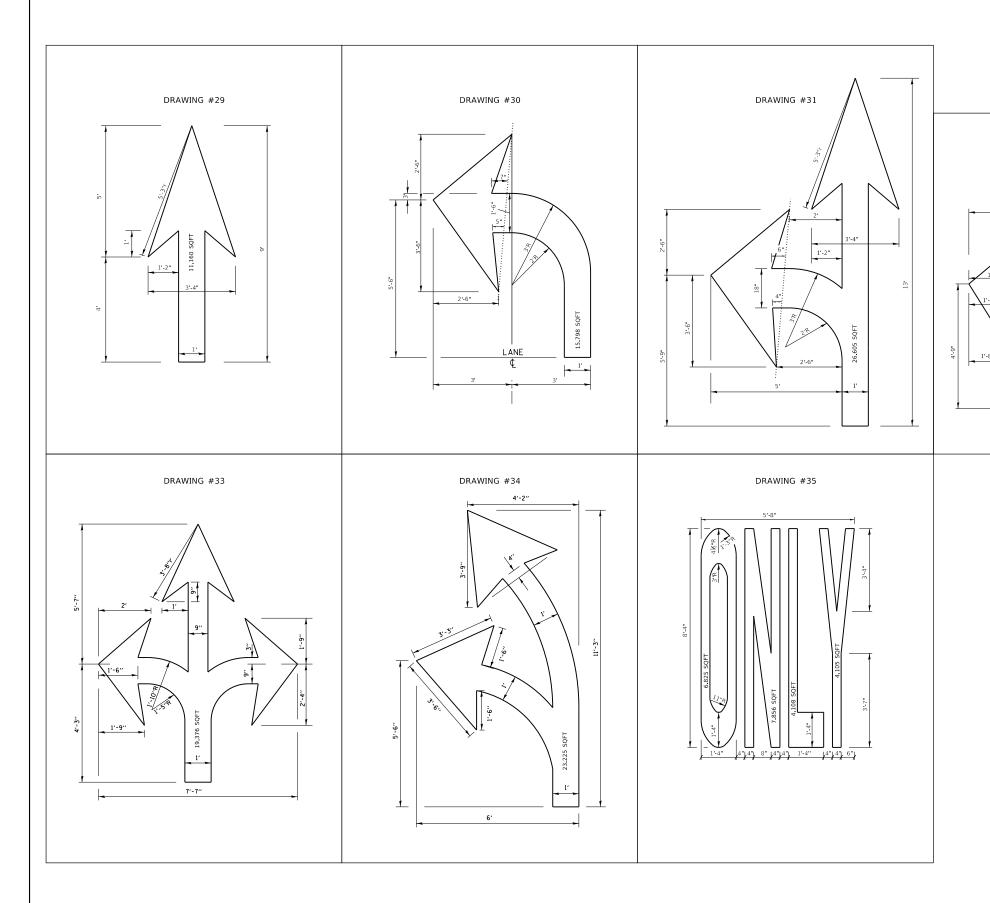




NOTE:

- 1. FOR BIKE LANE SYMBOLS ONLY,
 USE PRE-FORMED THERMOPLASTIC
 WITH A MINIMUM THICKNESS OF 90 MILS,
 MINIMUM SKID RESISTANCE VALUE OF 60 BPN,
 & A MINIMUM INDEX OF REFRACTION OF 1.50.
- 2. THE RESIDENT ENGINEER SHALL CONTACT MR. BEN GOMBERG AT 312-744-8093 AT LEAST ONE CALENDAR WEEK PRIOR TO INSTALLING BIKE LANE SYMBOLS.

TYPICAL BIKE LANE SYMBOLS
DRAWING #28



USER NAME = mesadoj DESIGNED - REVISED -T. RAMMACHER 12-07-00

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: NONE

DRAWING #32

NOTE:

ALL MARKINGS SHALL BE SOLID WHITE UNLESS OTHERWISE NOTED IN THE PLANS

MODEL: Default

| DRAWN - REVISED - | PLOT SCALE = 100.0000 ' / in. | CHECKED - REVISED - | PLOT DATE = 8/14/2020 | DATE - REVISED - | |

