

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	FAP 0345 23 C&J	COOK	10	1
		ILLINOIS	CONTRACT NO. 62V64	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS PROJECT IS LOCATED IN THE MUNICIPALITIES OF HANOVER PARK, BARTLETT, AND STREAMWOOD.

PROPOSED HIGHWAY PLANS

F.A.P. ROUTE 345: (US 20)
SECTION: FAP 0345 23 C&J
CRACK AND JOINT SEALING COOK COUNTY

TRAFFIC DATA

E LAKE STREET
ADT 2023 = 36900
SPEED LIMIT = 45MPH

C-91-050-24
R 09 E

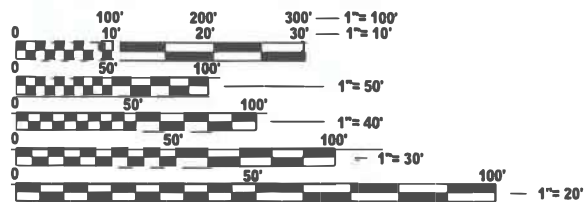


PROJECT BEGINS
STA. 15+66

T 41 N



PROJECT ENDS
STA. 53+52



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

PROJECT ENGINEER: DAN WILGREEN, P.E. (847) 705-4240
PROJECT MANAGER: J. ALAIN MIDY, P.E. (847) 221-3056

CONTRACT NO. 62V64

HANOVER TOWNSHIP
GROSS LENGTH = 3765 FT. = 0.71 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 14 2026
[Signature]
REGIONAL ENGINEER

June 26, 2026
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

June 26, 2026
[Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	ROADWAY AND PAVEMENT MARKING PLANS
6	CRACK AND JOINT SEALING DETAIL (PD-11)
7	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTION, AND DRIVEWAYS (TC-10)
8	DISTRICT ONE TYPICAL PAVEMENT MARKINGS (TC-13)
9	TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TC-14)
10	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-09	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS <= 40 MPH
701602-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BIDIRECTIONAL LEFT TURN LANE
701701-10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
701901-11	TRAFFIC CONTROL DEVICES

GENERAL NOTES

1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS FACILITIES, (48 HOURS NOTIFICATION IS REQUIRED).
2. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES OF THE MUNICIPALITIES OF BARTLETT, HANOVER PARK, STREAMWOOD.
3. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
4. 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.
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. 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 SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
7. THE CONTRACTOR SHALL CONTACT THE DISTRICT TRAFFIC CONTROL SUPERVISOR KALPANA KANNAN-HOSADURGA AT KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
8. THE RESIDENT ENGINEER SHALL CONTACT EMAD ALHUSSEINI, ARTERIAL TRAFFIC FIELD TECHNICIAN, AT EMAD.ALHUSSEINI@ILLINOIS.GOV, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
9. THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.
10. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
11. CONTRACTOR SHALL MAINTAIN PEDESTRIAN ACCESS AT ALL TIMES DURING CONSTRUCTION.
12. ALL DIRT AND DEBRIS CREATED BY THE ROUTING OPERATION SHALL BE CLEANED FROM THE PAVEMENT AND PAVED SHOULDERS AT THE END OF THE DAY'S OPERATION ACCORDING TO ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS.
13. ALL CRACK ROUTING & JOINT RESEALING 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.
14. ALL 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.
15. MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAYBE 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 PAVEMENT WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENT WITH AGGREGATE SHOULDERS 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.
16. THE "ROAD CONSTRUCTION AHEAD" SIGNS SHALL REMAIN INSTALLED UNTIL THE COMPLETION OF THE PROJECT OR WHEN NO ROADWAY HAZARDS REMAIN WITHIN THE WORK ZONE.
17. 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.

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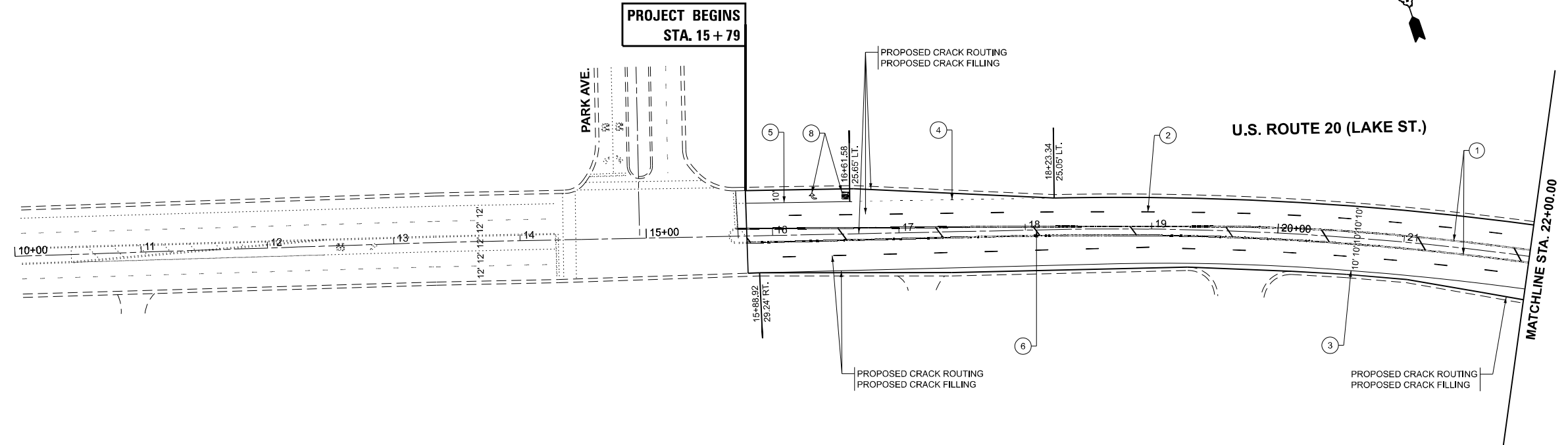
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
U.S. ROUTE 20 (LAKE ST.) (PARK AVE. TO SE OF NORTH AVE.)**

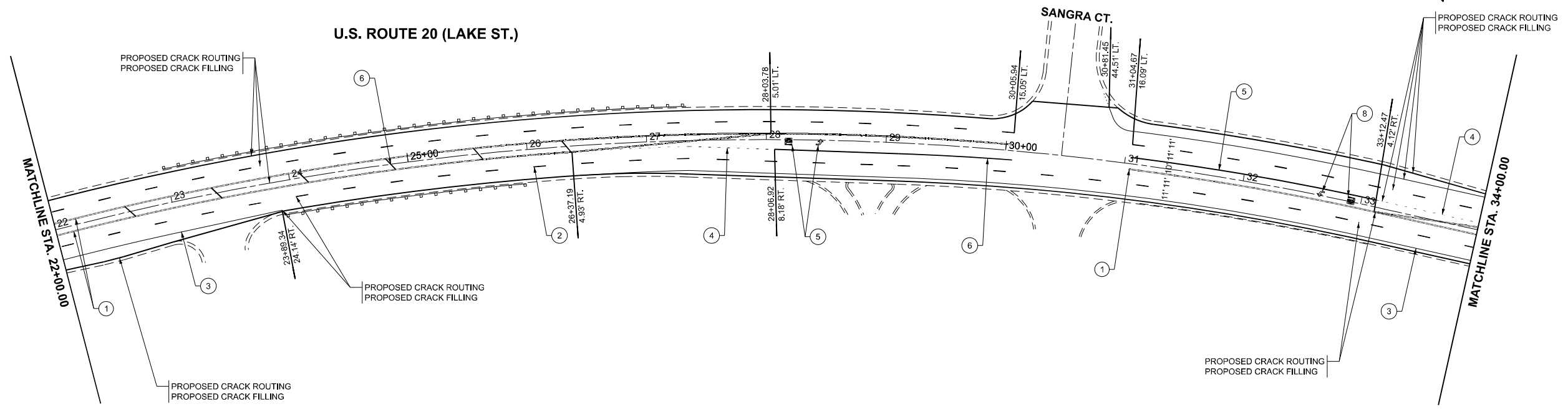
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	FAP 0345 23 C&J	COOK	10	2
			CONTRACT NO. 62V64	
			ILLINOIS FED. AID PROJECT	



PROPOSED PAVEMENT MARKING

- | | | |
|--|--|--|
| ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" YELLOW DOUBLE SOLID CENTERLINE (2 @ 11" C-C) (TYP.) | ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE DOTTED TURN LANE LINE (2' LINE - 6' SPACE) (TYP.) | ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WHITE SOLID STOP LINE (TYP.) |
| ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4" WHITE SKIP-DASH LANE LINE (10' LINE - 30' SPACE) (TYP.) | ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE SOLID TURN LANE LINE (TYP.) | ⑧ MODIFIED URETHANE PAVEMENT MARKING - WHITE SOLID LETTERS & SYMBOLS (TYP.) |
| ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" WHITE EDGE LINE (TYP.) | ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" YELLOW DIAGONALS (@ 45) (TYP.) | |



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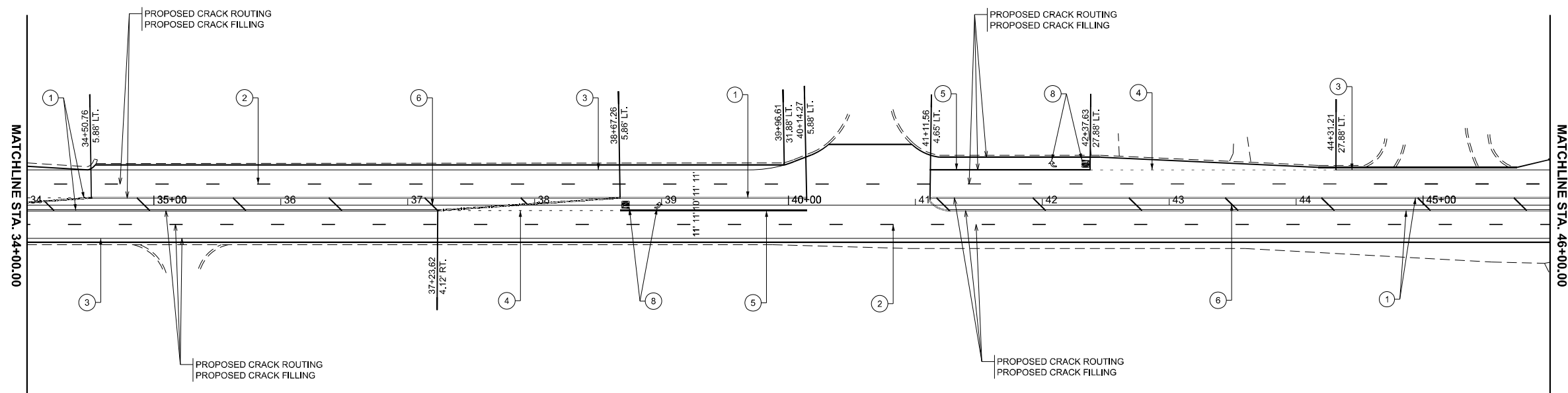
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY PLAN
U.S. ROUTE 20 (LAKE ST.) (PARK AVE. TO SE OF NORTH AVE.)

SCALE: 1"=50' SHEET 1 OF 2 SHEETS STA. 10+00.00 TO STA. 34+00.00

F.A.P. RTE. 345	SECTION FAP 0345 23 C&J	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 4
CONTRACT NO. 62V64			ILLINOIS FED. AID PROJECT	

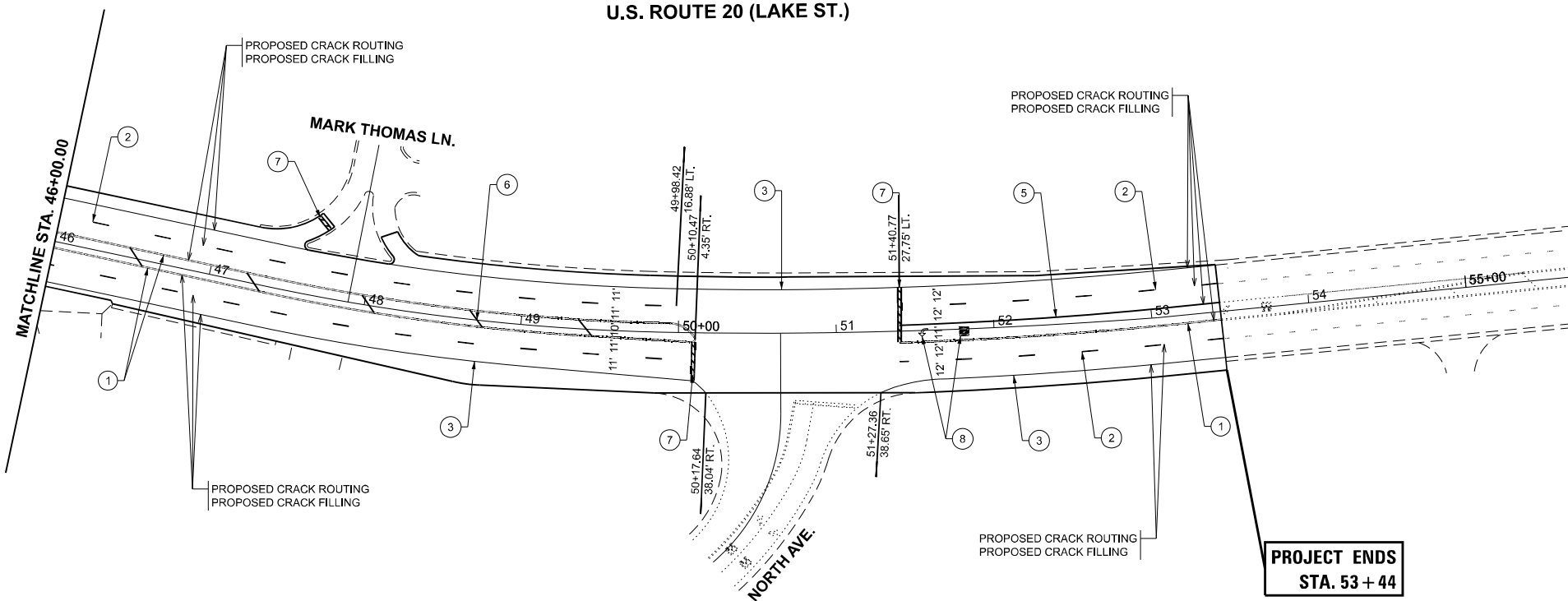
U.S. ROUTE 20 (LAKE ST.)



PROPOSED PAVEMENT MARKING

- ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" YELLOW DOUBLE SOLID CENTERLINE (2 @ 11" C-C) (TYP.)
- ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4" WHITE SKIP-DASH LANE LINE (10' LINE - 30' SPACE) (TYP.)
- ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" WHITE EDGE LINE (TYP.)
- ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE DOTTED TURN LANE LINE (2' LINE - 6' SPACE) (TYP.)
- ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 6" WHITE SOLID TURN LANE LINE (TYP.)
- ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" YELLOW DIAGONALS (@ 45) (TYP.)
- ⑦ MODIFIED URETHANE PAVEMENT MARKING - LINE 24" WHITE SOLID STOP LINE (TYP.)
- ⑧ MODIFIED URETHANE PAVEMENT MARKING - WHITE SOLID LETTERS & SYMBOLS (TYP.)

U.S. ROUTE 20 (LAKE ST.)



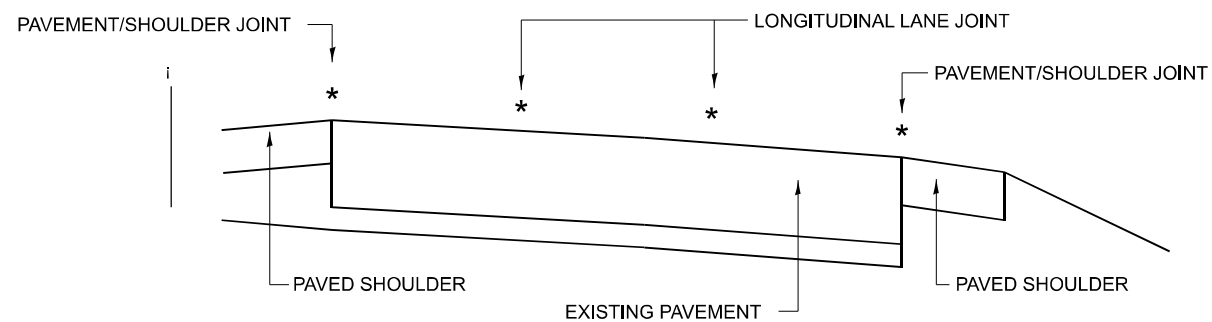
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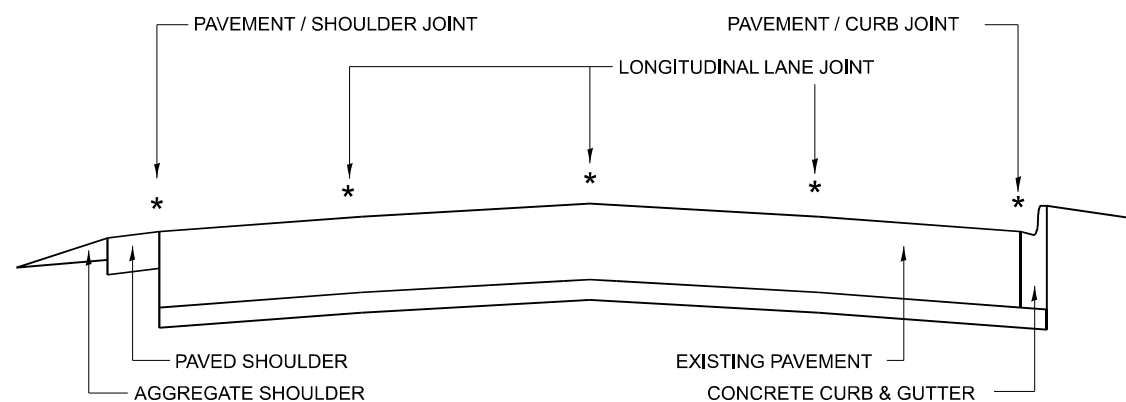
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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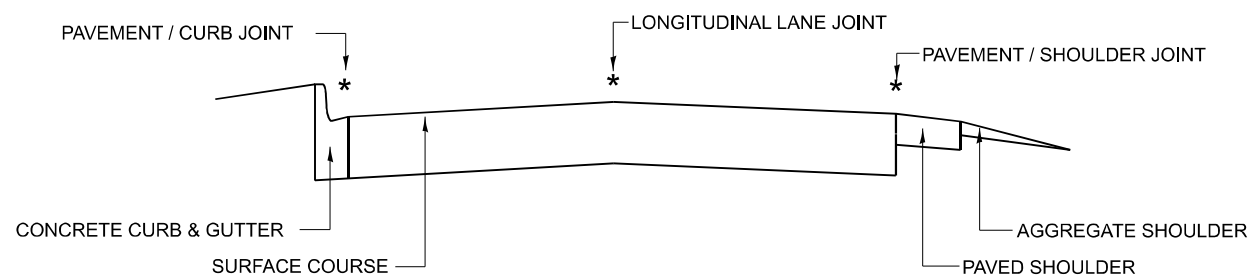
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345	FAP 0345 23 C&J	COOK	10	5
CONTRACT NO. 62V64				
ILLINOIS FED. AID PROJECT				



MULTI-LANE DIVIDED PAVEMENT



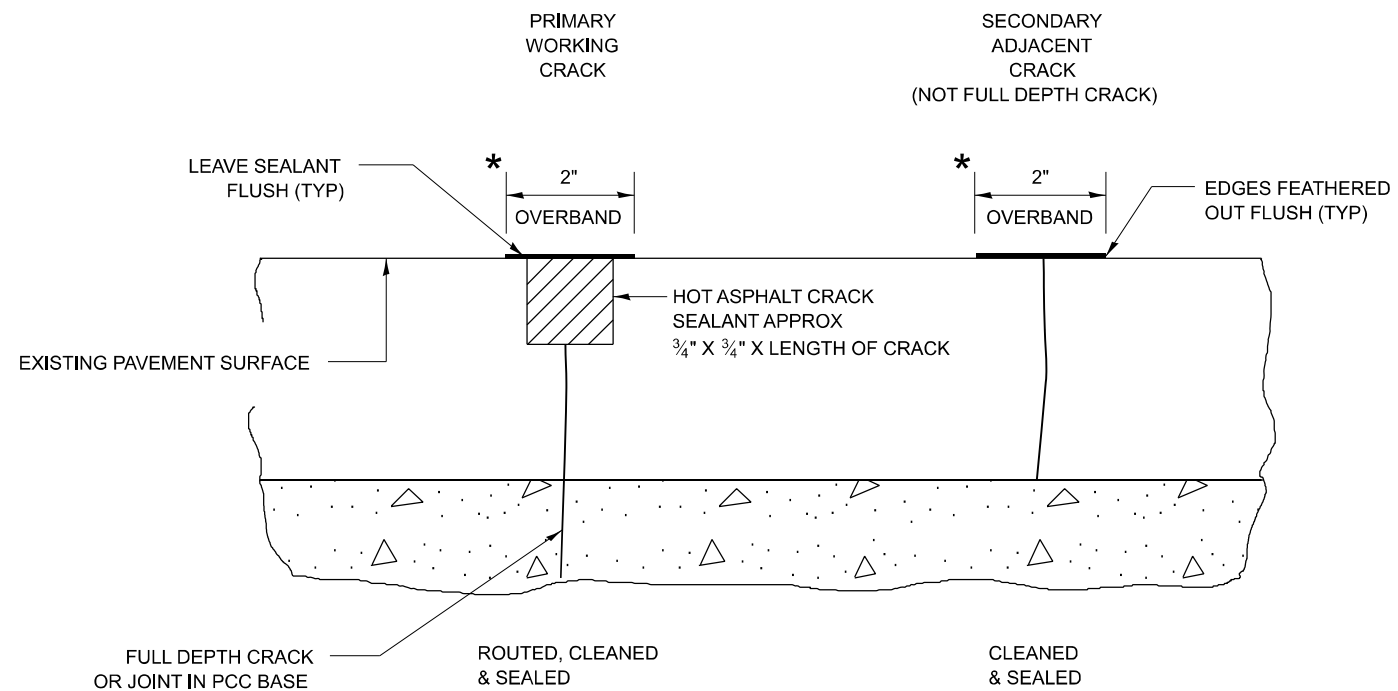
MULTI-LANE UNDIVIDED PAVEMENT



TWO-LANE PAVEMENT

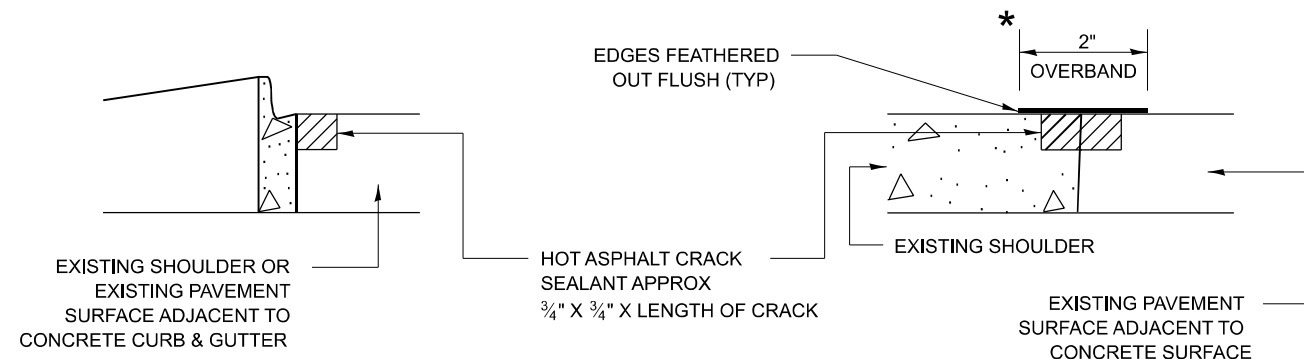
* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

**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

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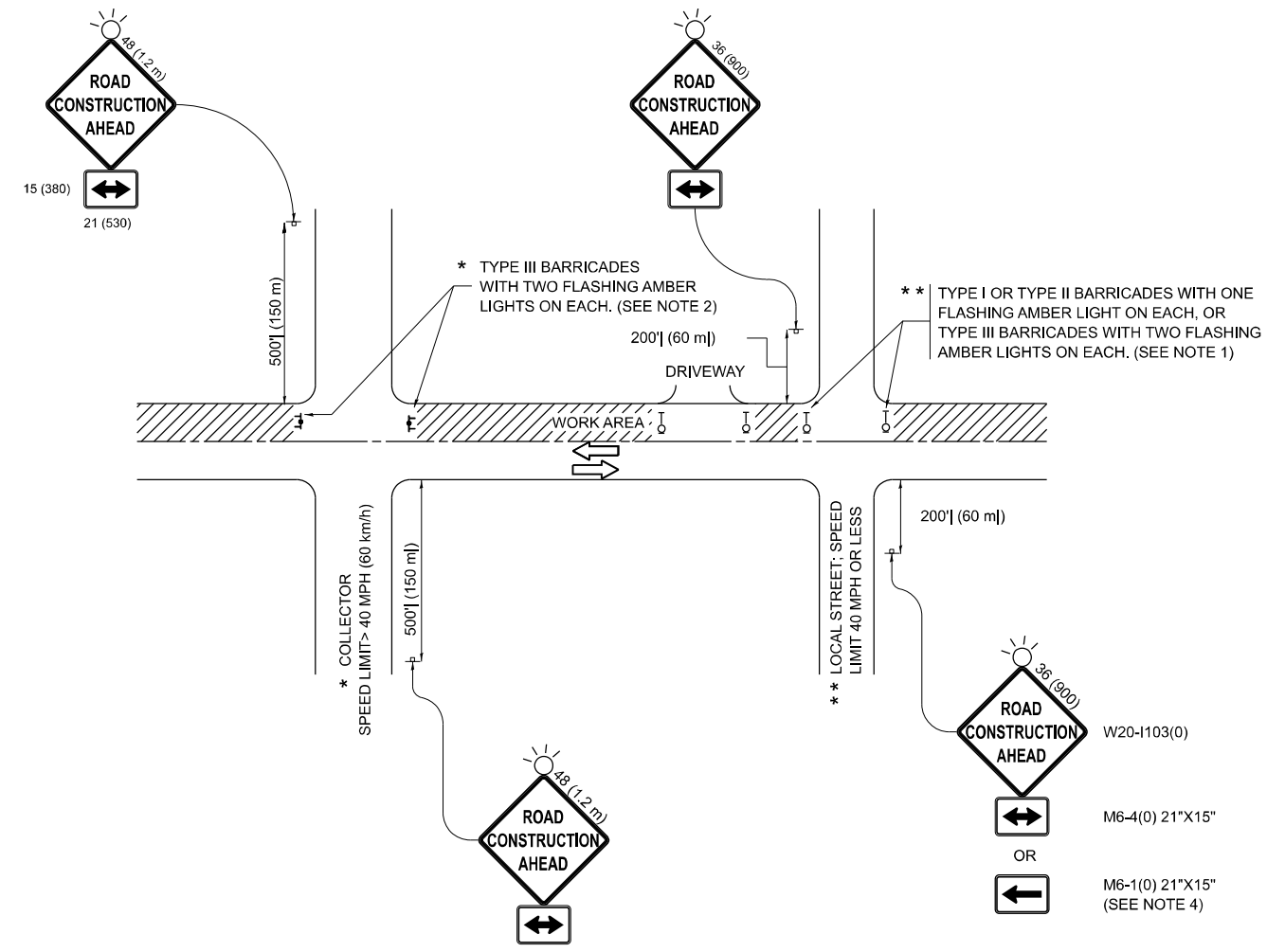
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CRACK & JOINT SEALING DETAIL
(PD-11)

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 345	SECTION FAP 0345 23 C&J	COUNTY COOK	TOTAL SHEETS 10	SHEET NO. 6
PD-11		CONTRACT NO. 62V64		
ILLINOIS FED. AID 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.
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.
 - b) 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.
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.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE 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.

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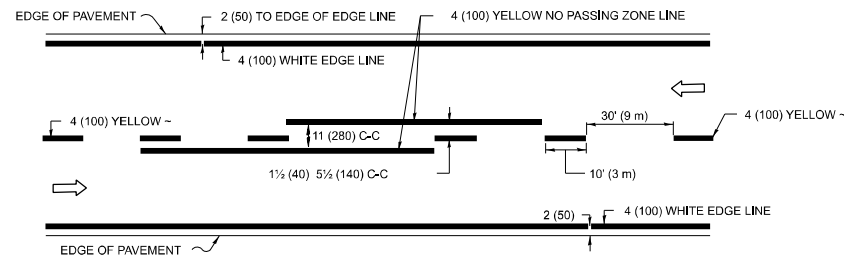
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

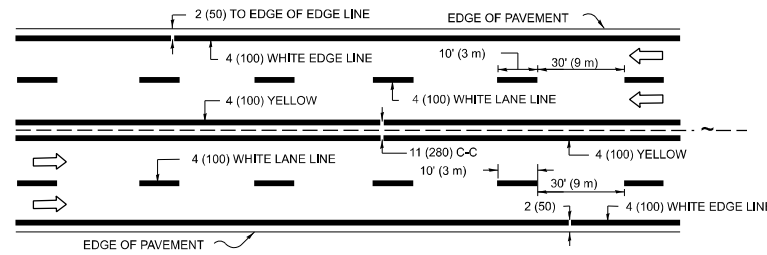
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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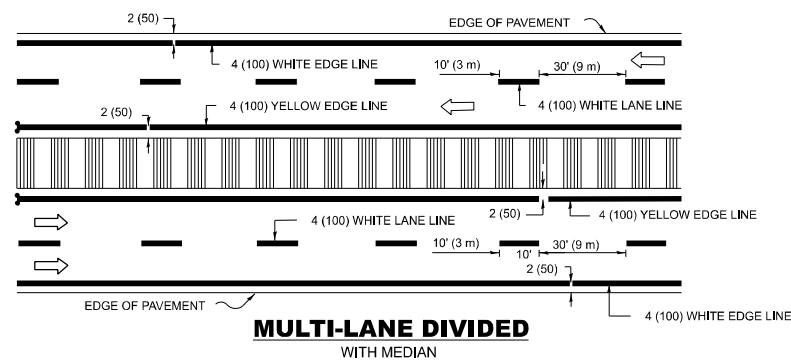
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345	FAP 0345 23 C&J	COOK	10	7
TC-10			CONTRACT NO. 62V64	
		ILLINOIS	FED. AID PROJECT	



2-LANE ROADWAY

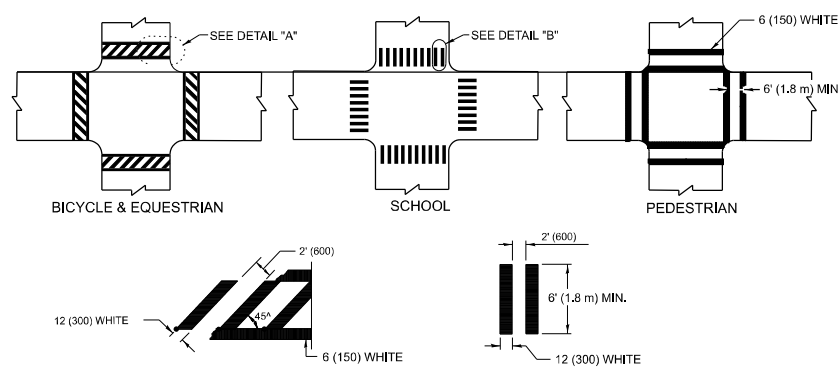


MULTI-LANE UNDIVIDED



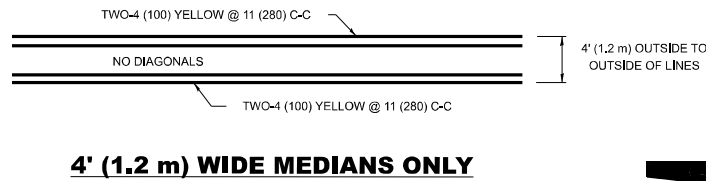
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

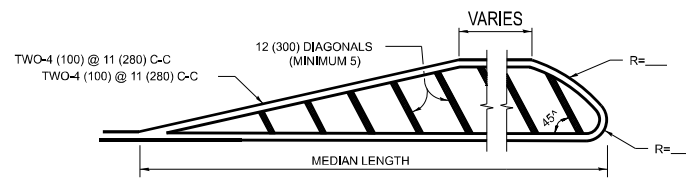


DETAIL "A" TYPICAL CROSSWALK MARKING

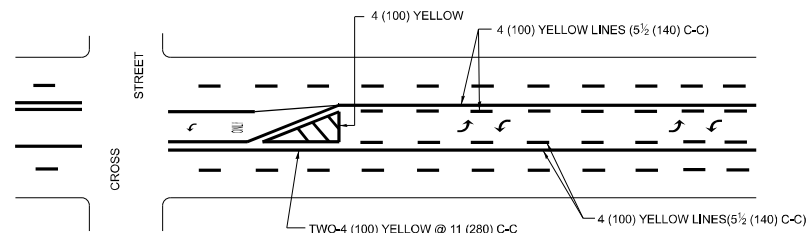
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



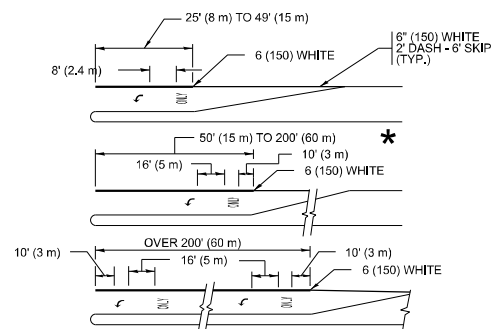
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



MEDIAN WITH TWO-WAY LEFT TURN LANE TYPICAL PAINTED MEDIAN MARKING

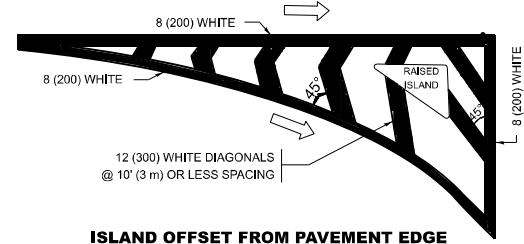


TYPICAL LEFT (OR RIGHT) TURN LANE

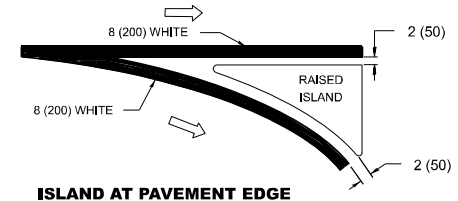
TYPICAL TURN LANE MARKING

FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED. AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 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".

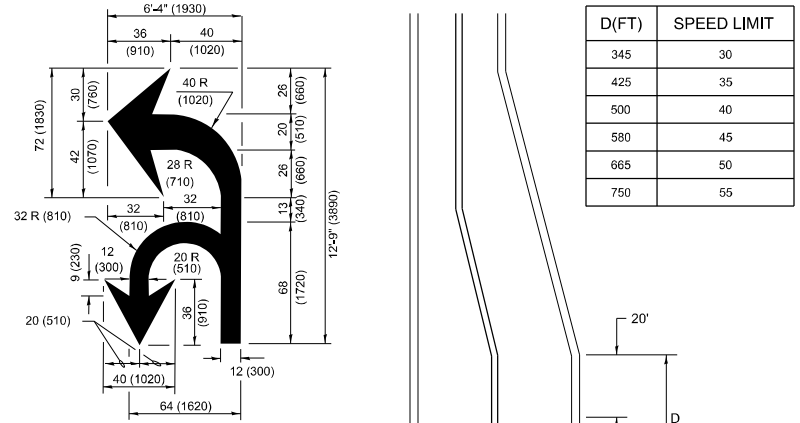


ISLAND OFFSET FROM PAVEMENT EDGE

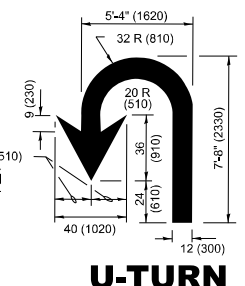


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING



COMBINATION LEFT AND U-TURN



U-TURN

LANE REDUCTION TRANSITION

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

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55

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	5 1/2 (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 WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5 1/2 (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 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 (30 MPH (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: 15 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: *R*=3.6 SQ. FT. (0.33 m ²) EACH *X*=54.0 SQ. FT. (5.0 m ²)
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.

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

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USER NAME = Carlos.Vaca	DESIGNED - EVERS	REVISED - C. JUCIUS 09-09-09
DRAWN -	DRAWN - C. JUCIUS 07-01-13	REVISED - C. JUCIUS 07-01-13
PLOT SCALE = 0.16666633 / in.	CHECKED -	REVISED - C. JUCIUS 12-21-15
PLOT DATE = 11/8/2024	DATE - 03-19-90	REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

DISTRICT ONE TYPICAL PAVEMENT MARKINGS

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	FAP 0345 23 C&J	COOK	10	8
TC-13		CONTRACT NO. 62V64		
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

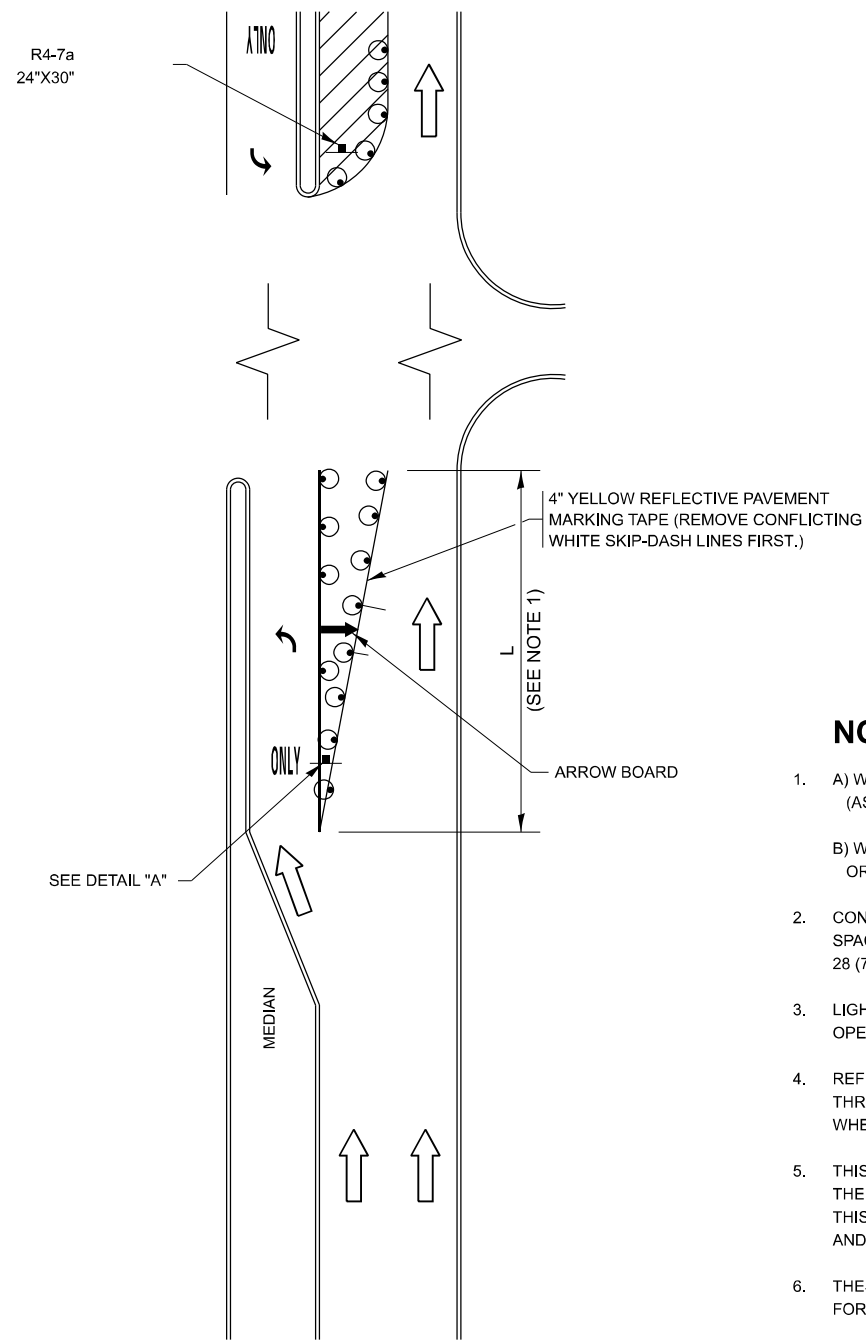


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

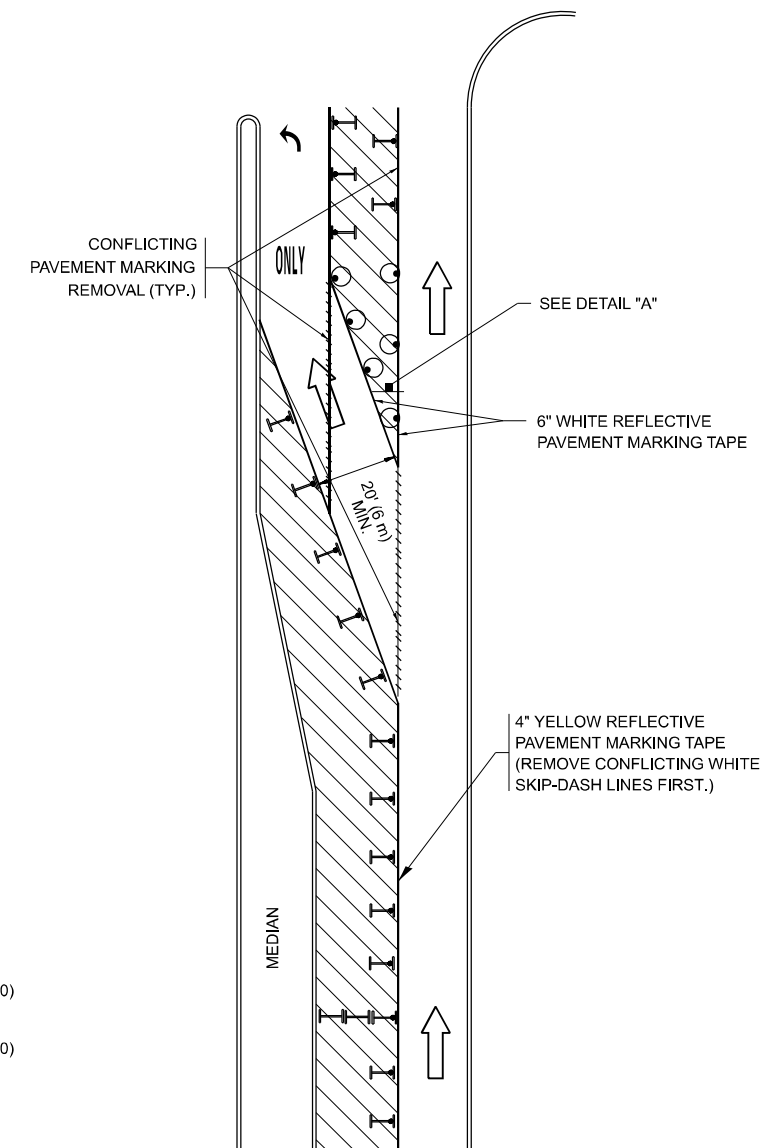
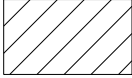








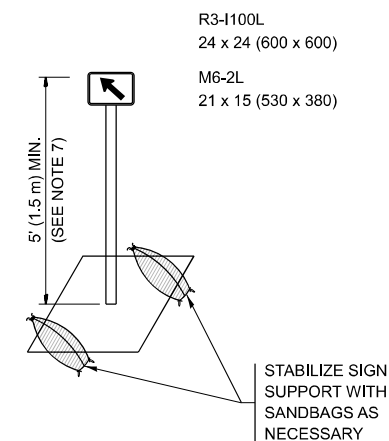
FIGURE 2

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 \leq 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 REQUIREMENTS.
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.



DETAIL A

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

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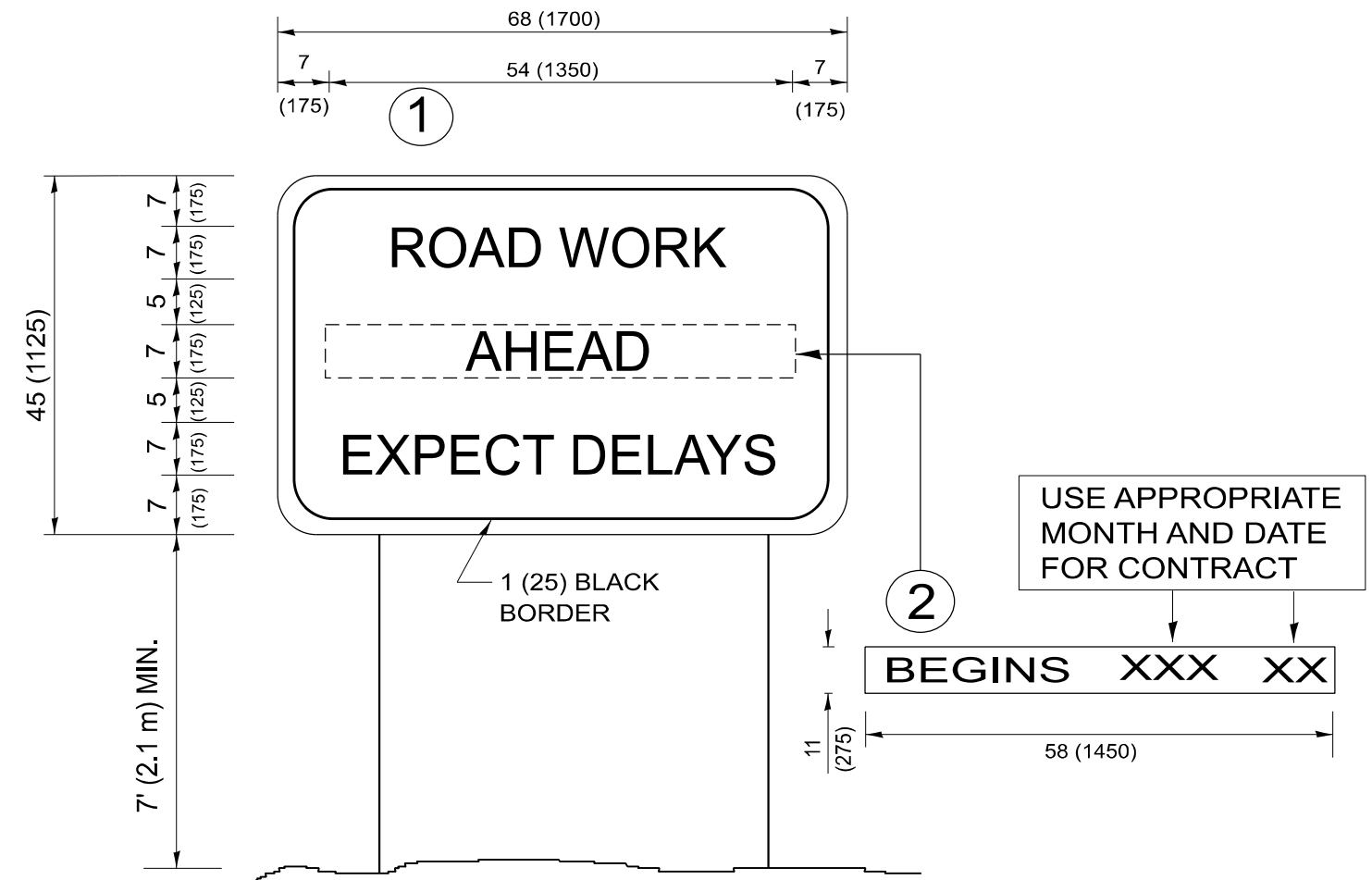
USER NAME = Carlos.Vaca	DESIGNED - T. RAMMACHER 09-08-94	REVISED - R. BORO 09-14-09
	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 0.16666633' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 11/8/2024	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION AT TURN BAYS
(TO REMAIN OPEN TO TRAFFIC)**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	FAP 0345 23 C&J	COOK	10	9
TC-14		CONTRACT NO. 62V64		
ILLINOIS FED. AID 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.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

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	DRAWN -	REVISED - R. MIRS 12-11-97
PLOT SCALE = 0.16666833' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 11/8/2024	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
345	FAP 0345 23 C&J	COOK	10	10
TC-22			CONTRACT NO. 62V64	
ILLINOIS FED. AID PROJECT				