

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-1	COOK	14	1
		ILLINOIS	CONTRACT NO. 62L40	

FOR INDEX OF SHEETS, SEE SHEET NO. 2

THIS IMPROVEMENT IS LOCATED
IN THE VILLAGE OF HARVEY

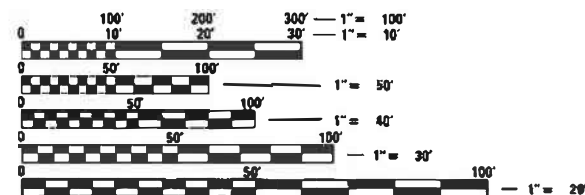
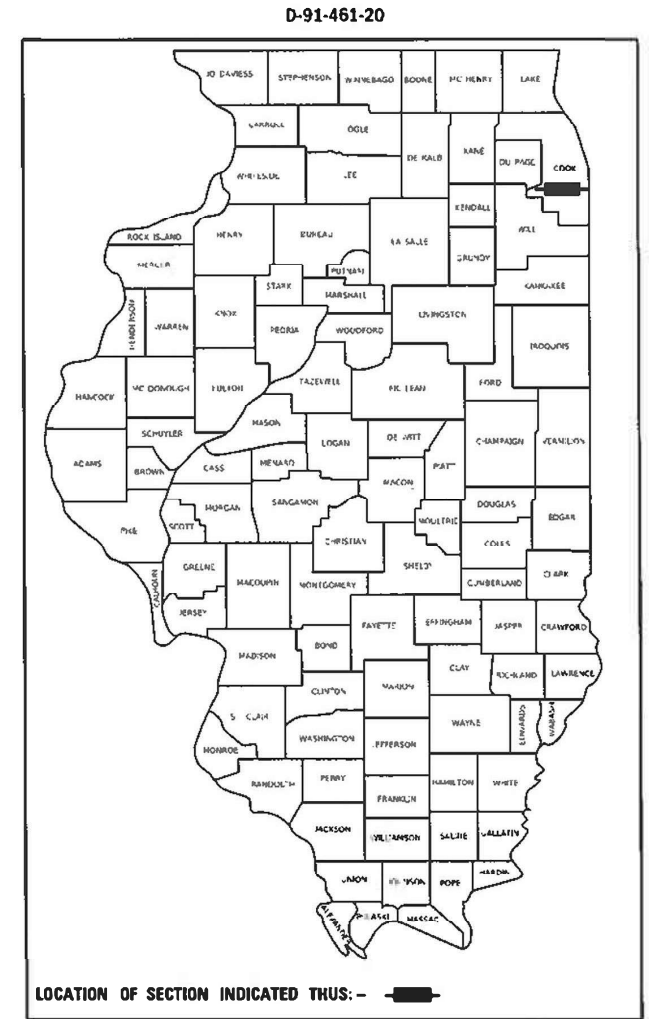
TRAFFIC DATA

EXISTING ADT = 25600 - 32600 (2019)
POSTED SPEED LIMIT = 35 & 45 MPH

PROPOSED
HIGHWAY PLANS

F.A.P. ROUTE 351: US 6 - 159th St
WESTERN AVE TO CAROL AVE
SECTION 2020-062-1
CRACK AND JOINT SEALING COOK
COUNTY

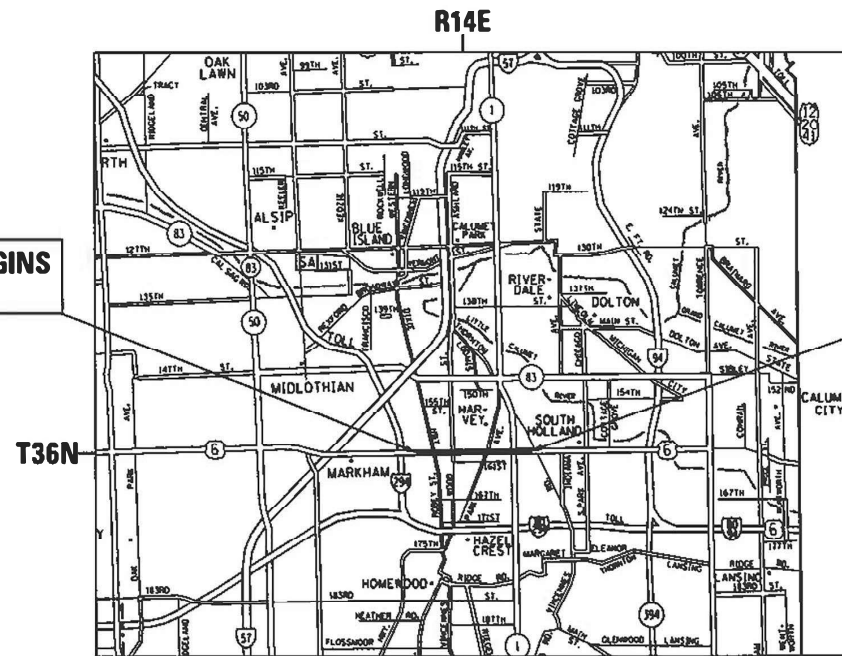
C-91-259-20



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 EXCAVATORS
1-800-892-0123
OR 811

IMPROVEMENT BEGINS
STA 18 + 76



IMPROVEMENT ENDS
STA 134 + 33

THORNTON TOWNSHIP

GROSS LENGTH = 11591.50 FT. = 2.195 MILE
NET LENGTH = 11591.50 FT. = 2.195 MILE

PROJECT MANAGER: ALAIN MIDY (847) 221-3056

CONTRACT NO. 62L40

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 25, 2020

Charles J. Wampler, P.E. REGIONAL ENGINEER

October 2, 2020

Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

October 2, 2020

James J. Guin
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS, STATE STANDARDS & GENERAL NOTES
3	SUMMARY OF QUANTITIES
4	TYPICAL SECTIONS
5-9	ROADWAY AND PAVEMENT MARKING PLANS
10	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)
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	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING (TC-16)
15	ARTERIAL ROAD INFORMATION SIGN (TC-22)

STANDARD NO.	DESCRIPTION
000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
442101-09	CLASS B PATCHES
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≤ 40 MPH
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
701901-08	TRAFFIC CONTROL DEVICES

- 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 HOUR NOTIFICATION REQUIRED)
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, VILLAGE OF HARVEY.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT THE WRITTEN PERMISSION OF THE DEPARTMENT.
- 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.
- 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 DISTRICT ONE ARTERIAL TRAFFIC CONTROL SUPERVISOR AT KALPANA.KANNANHOSADURGA@ILLINOIS.GOV A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- THE ENGINEER SHALL CONTACT PATRICE HARRIS, AREA TRAFFIC FIELD TECHNICIAN, AT PATRICE.HARRIS@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.
- 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.
- 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
- THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF CONSTRUCTION.
- CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.
- MODIFIED URETHANE PAVEMENT MARKING SHALL BE PLACED IMMEDIATELY AFTER CRACK & JOINT SEALER TEMPERATURE HAS COOLED DOWN AND DOES NOT AFFECT THE APPLICATION OF MODIFIED URETHANE PAVEMENT MARKING.

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, STATE STANDARDS,
 AND GENERAL NOTES**

SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	2
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				

SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES				CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	0005 100% STATE					CODE NO	ITEM	UNIT	URBAN TOTAL QUANTITIES	0005 100% STATE				
44200050	WELDED WIRE REINFORCEMENT	SO YD	375	375					70102635	TRAFFIC CONTROL AND PROTECTION, STANDARD 701701	L SUM	1	1				
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SO YD	435	435					70102640	TRAFFIC CONTROL AND PROTECTION, STANDARD 701801	L SUM	1	1				
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SO YD	225	225													
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SO YD	150	150				*	78009000	MODIFIED URETHANE PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	3308	3308				
44201299	DOWEL BARS 1 1/2"	EACH	860	860				*	78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	37538	37538				
44213200	SAW CUTS	FOOT	3335	3335													
44213202	TIE BARS 1"	EACH	115	115				*	78009006	MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	FOOT	10476	10476				
45200100	JOINT OR CRACK ROUTING (PC CONCRETE PAVEMENT AND SHOULDER)	FOOT	7196	7196				*	78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	731	731				
45200300	JOINT OR CRACK FILLING	POUND	22613	22613				*	78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	4026	4026				
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	3	3													
67100100	MOBILIZATION	L SUM	1	1				*	78009024	MODIFIED URETHANE PAVEMENT MARKING - LINE 24"	FOOT	1418	1418				
70102625	TRAFFIC CONTROL AND PROTECTION, STANDARD 701606	L SUM	1	1					Z0030850	TEMPORARY INFORMATION SIGNING	SO FT	51.4	51.4				
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	1													
70102632	TRAFFIC CONTROL AND PROTECTION, STANDARD 701602	L SUM	1	1													

REV-SEP

* SPECIALTY ITEM

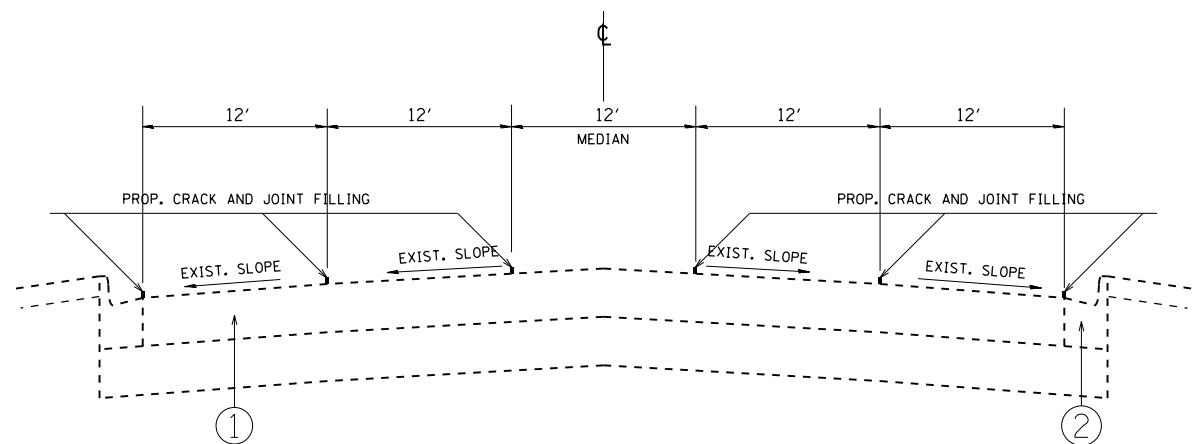
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
US 6 (W 159" ST) - WESTERN AVE TO CAROL AVE			
SCALE:	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.

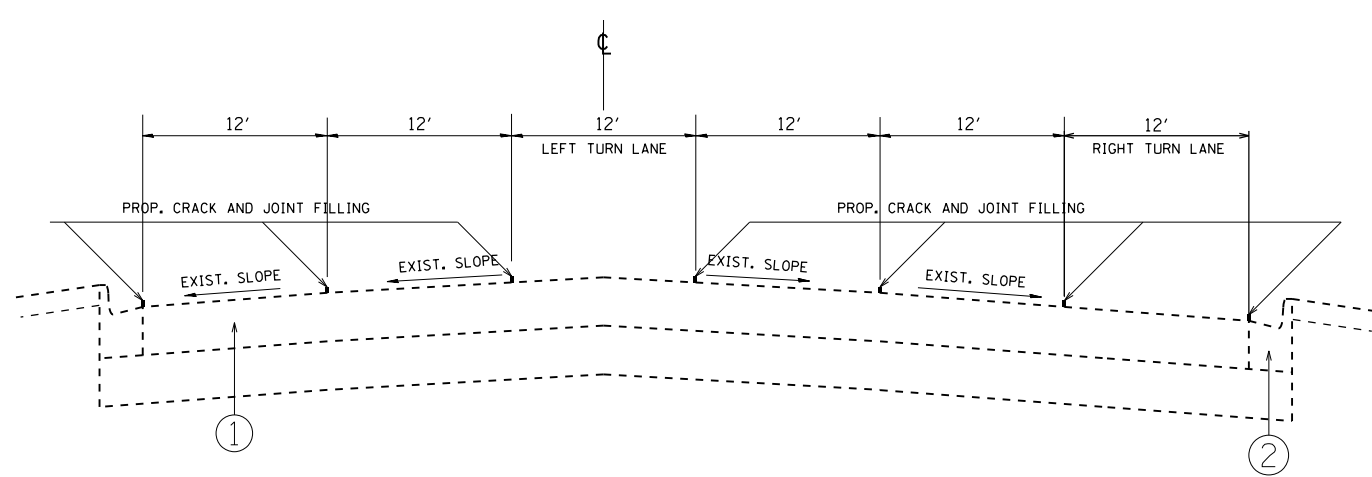
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-1	COOK	14	3
CONTRACT NO. 62L40				
FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				

* - SPECIALTY ITEMS



TYPICAL SECTION
WITH PAINTED MEDIAN

- LEGEND
- ① EXISTING PORTLAND CEMENT CONCRETE PAVEMENT - 10''
 - ② EXISTING CURB AND GUTTER



TYPICAL SECTION
WITH DEDICATED LEFT & RIGHT TURN

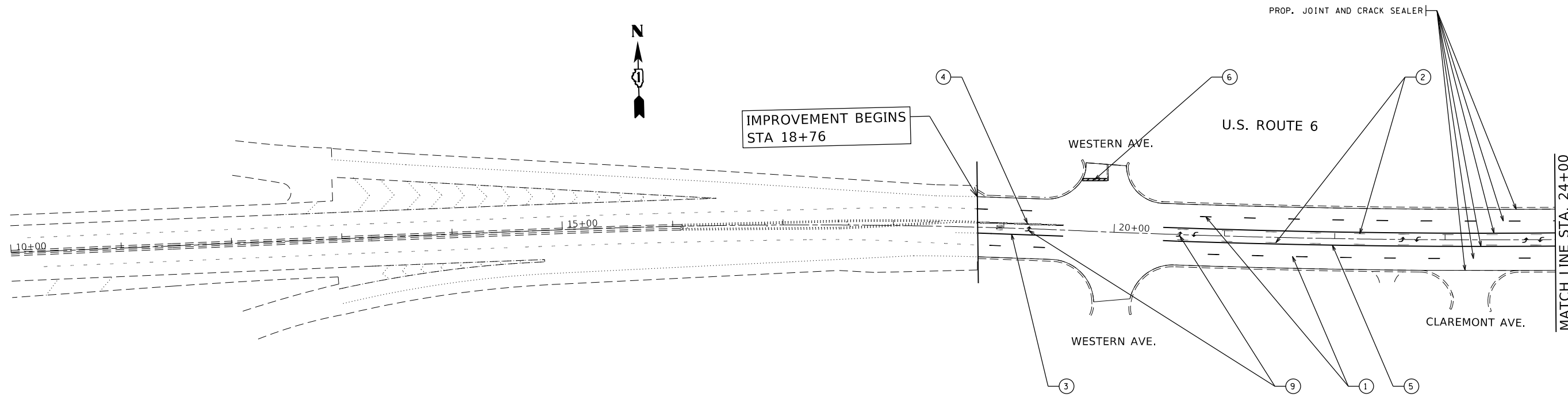
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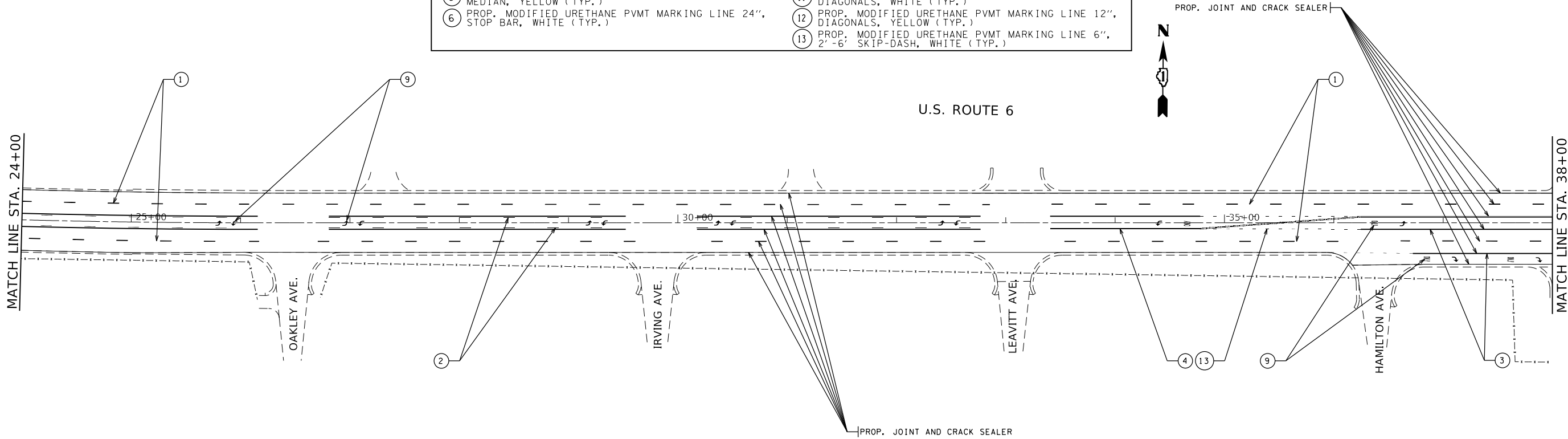
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING ROADWAY CROSS SECTION			
US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	4
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
① PROP. MODIFIED URETHANE PVT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)	⑦ PROP. MODIFIED URETHANE PVT MARKING LINE 12", CROSSWALK, WHITE (TYP.)
② PROP. MODIFIED URETHANE PVT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)	⑧ PROP. MODIFIED URETHANE PVT MARKING LINE 6", CROSSWALK, 6' C-C WHITE (TYP.)
③ PROP. MODIFIED URETHANE PVT MARKING LINE 6", TURN LANE, WHITE (TYP.)	⑨ PROP. MODIFIED URETHANE PVT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)
④ PROP. MODIFIED URETHANE PVT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)	⑩ PROP. MODIFIED URETHANE PVT MARKING LINE 8", GORE, WHITE (TYP.)
⑤ PROP. MODIFIED URETHANE PVT MARKING LINE 4", MEDIAN, YELLOW (TYP.)	⑪ PROP. MODIFIED URETHANE PVT MARKING LINE 12", DIAGONALS, WHITE (TYP.)
⑥ PROP. MODIFIED URETHANE PVT MARKING LINE 24", STOP BAR, WHITE (TYP.)	⑫ PROP. MODIFIED URETHANE PVT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
	⑬ PROP. MODIFIED URETHANE PVT MARKING LINE 6", 2'-6' SKIP-DASH, WHITE (TYP.)



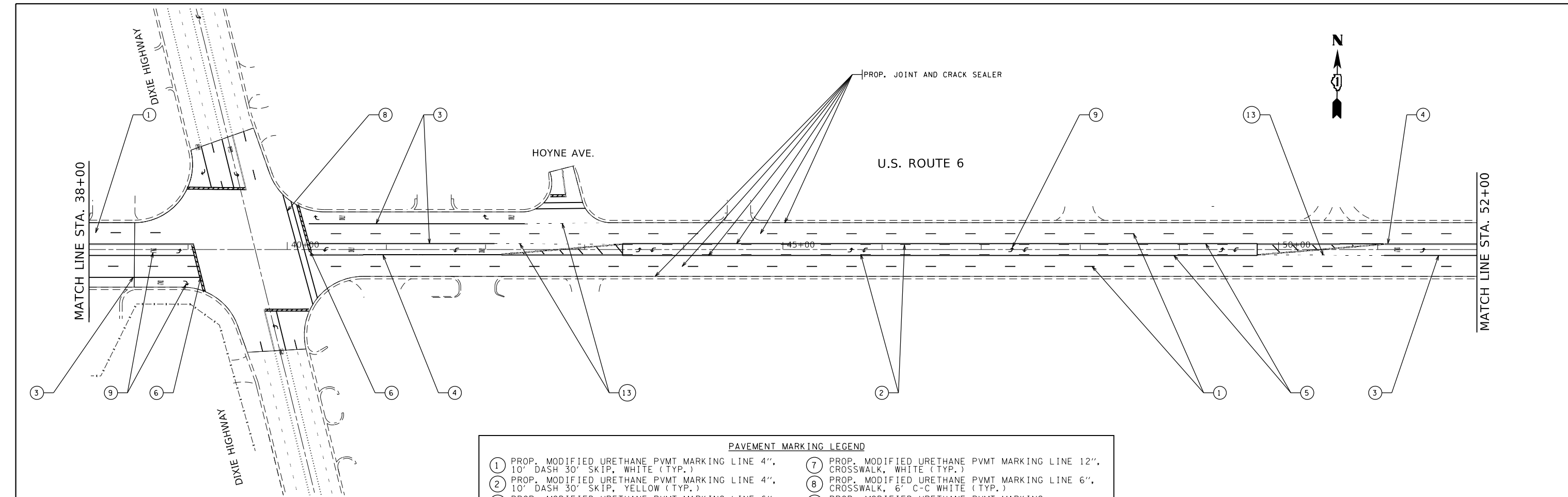
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

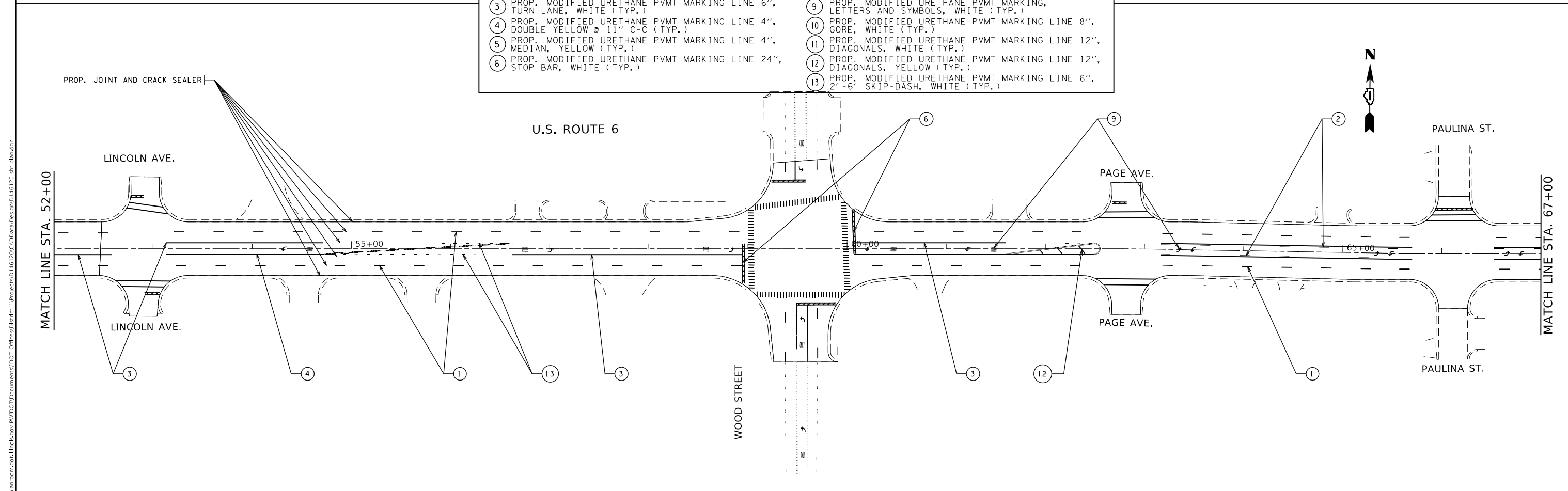
EXISTING AND PROPOSED ROADWAY PLAN US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE			
SCALE: 1"=50'	SHEET 1	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE. 351	SECTION 2020-062-I	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 5
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

<p>① PROP. MODIFIED URETHANE PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)</p> <p>② PROP. MODIFIED URETHANE PVMT MARKING LINE 4", 10' DASH 30' SKIP, YELLOW (TYP.)</p> <p>③ PROP. MODIFIED URETHANE PVMT MARKING LINE 6", TURN LANE, WHITE (TYP.)</p> <p>④ PROP. MODIFIED URETHANE PVMT MARKING LINE 4", DOUBLE YELLOW @ 11" C-C (TYP.)</p> <p>⑤ PROP. MODIFIED URETHANE PVMT MARKING LINE 4", MEDIAN, YELLOW (TYP.)</p> <p>⑥ PROP. MODIFIED URETHANE PVMT MARKING LINE 24", STOP BAR, WHITE (TYP.)</p>	<p>⑦ PROP. MODIFIED URETHANE PVMT MARKING LINE 12", CROSSWALK, WHITE (TYP.)</p> <p>⑧ PROP. MODIFIED URETHANE PVMT MARKING LINE 6", CROSSWALK, 6' C-C WHITE (TYP.)</p> <p>⑨ PROP. MODIFIED URETHANE PVMT MARKING, LETTERS AND SYMBOLS, WHITE (TYP.)</p> <p>⑩ PROP. MODIFIED URETHANE PVMT MARKING LINE 8", GORE, WHITE (TYP.)</p> <p>⑪ PROP. MODIFIED URETHANE PVMT MARKING LINE 12", DIAGONALS, WHITE (TYP.)</p> <p>⑫ PROP. MODIFIED URETHANE PVMT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)</p> <p>⑬ PROP. MODIFIED URETHANE PVMT MARKING LINE 6", 2' -6' SKIP-DASH, WHITE (TYP.)</p>
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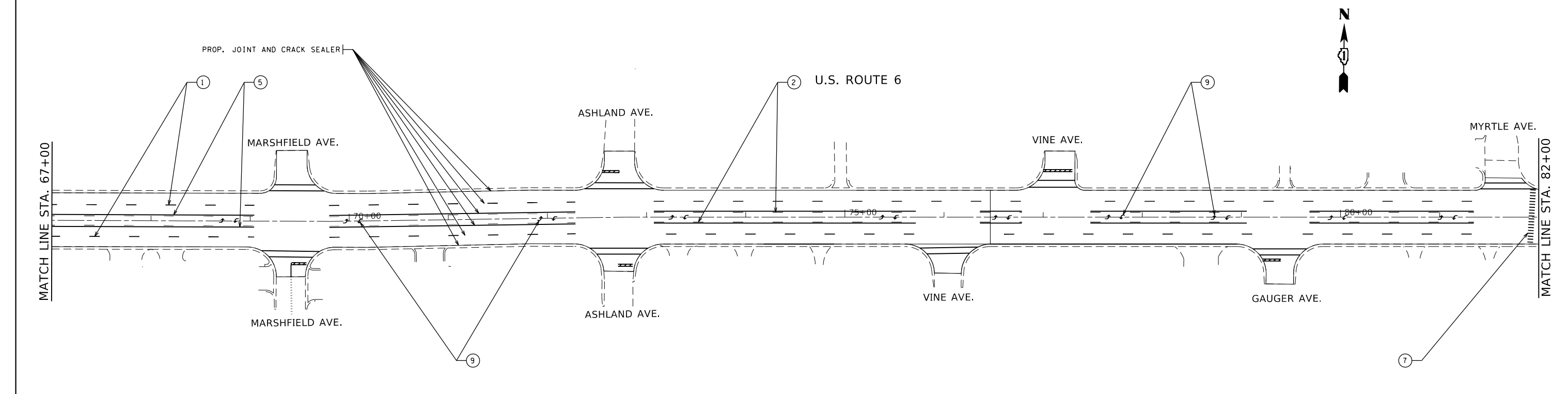
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE**

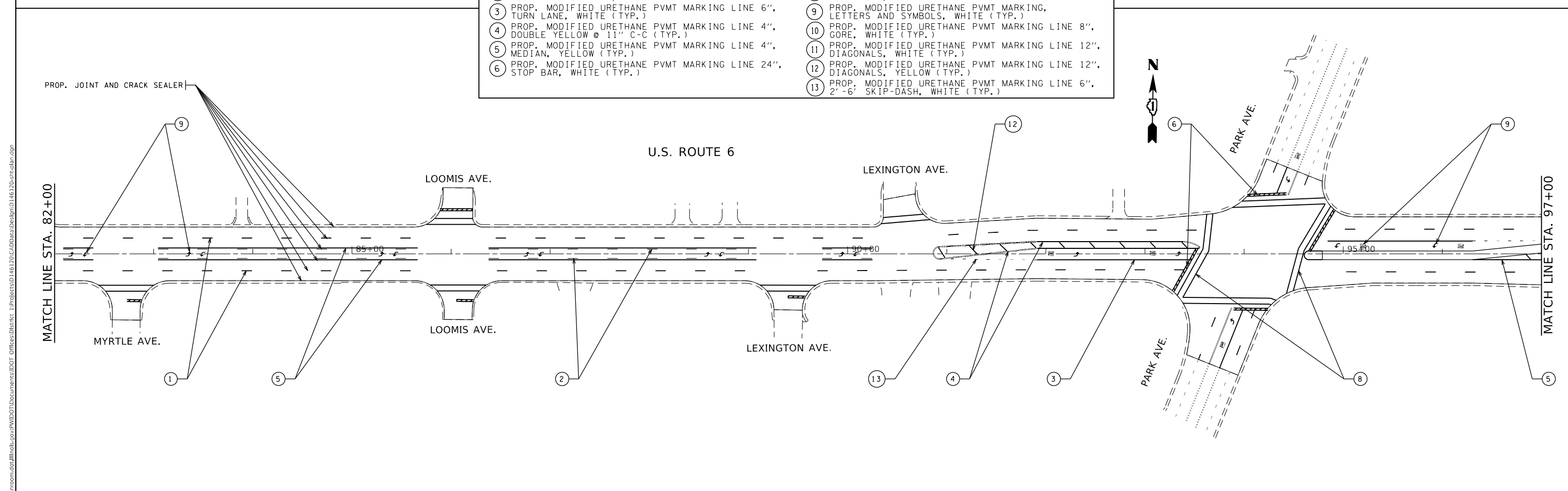
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	6
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

① PROP. MODIFIED URETHANE PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)	⑦ PROP. MODIFIED URETHANE PVMT MARKING LINE 12", CROSSWALK, WHITE (TYP.)
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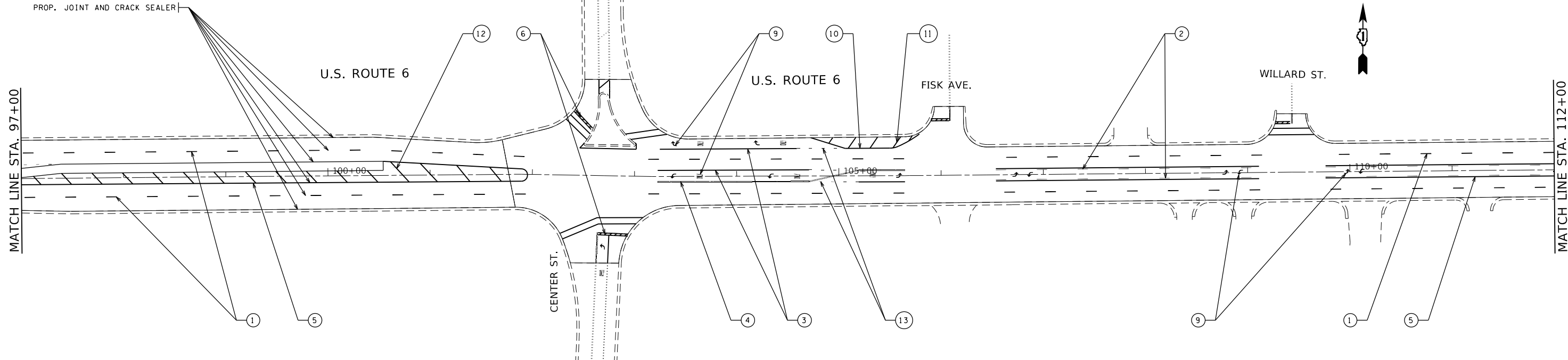
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE**

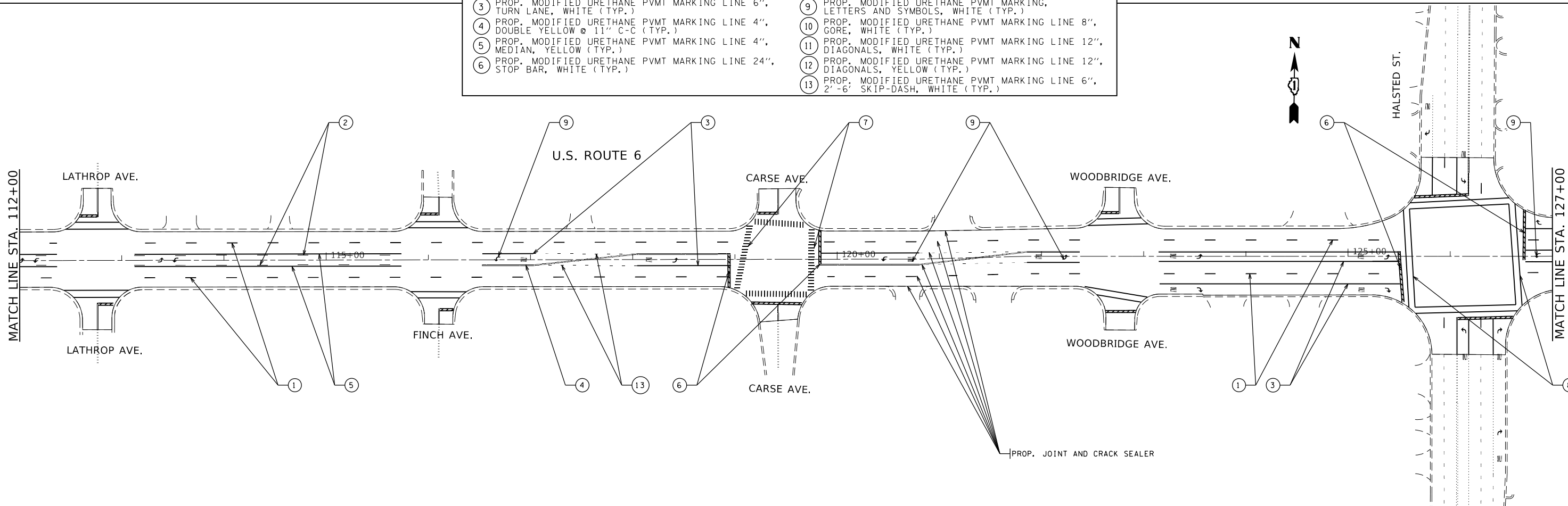
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	7
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND

① PROP. MODIFIED URETHANE PVMT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)	⑦ PROP. MODIFIED URETHANE PVMT MARKING LINE 12", CROSSWALK, WHITE (TYP.)
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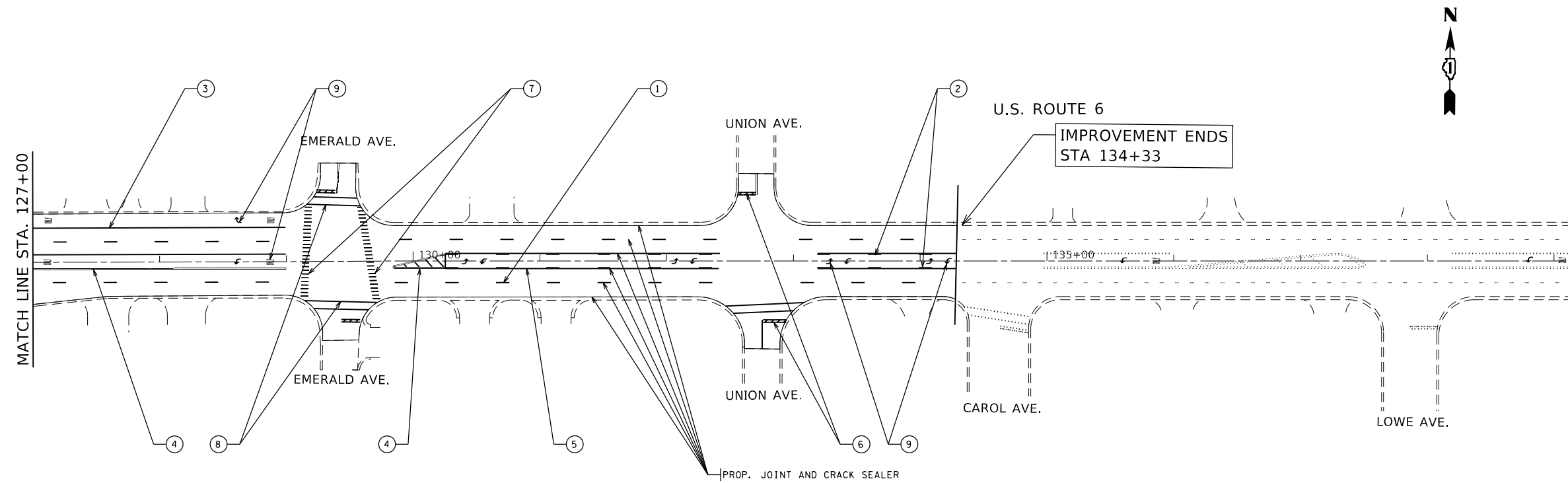
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EXISTING AND PROPOSED ROADWAY PLAN
US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE**

SCALE: 1"=50' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	8
CONTRACT NO. 62L40				
ILLINOIS FED. AID PROJECT				



PAVEMENT MARKING LEGEND	
①	PROP. MODIFIED URETHANE PVT MARKING LINE 4", 10' DASH 30' SKIP, WHITE (TYP.)
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⑤	PROP. MODIFIED URETHANE PVT MARKING LINE 4", MEDIAN, YELLOW (TYP.)
⑥	PROP. MODIFIED URETHANE PVT MARKING LINE 24", STOP BAR, WHITE (TYP.)
⑦	PROP. MODIFIED URETHANE PVT MARKING LINE 12", CROSSWALK, WHITE (TYP.)
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⑫	PROP. MODIFIED URETHANE PVT MARKING LINE 12", DIAGONALS, YELLOW (TYP.)
⑬	PROP. MODIFIED URETHANE PVT MARKING LINE 6", 2'-6' SKIP-DASH, WHITE (TYP.)

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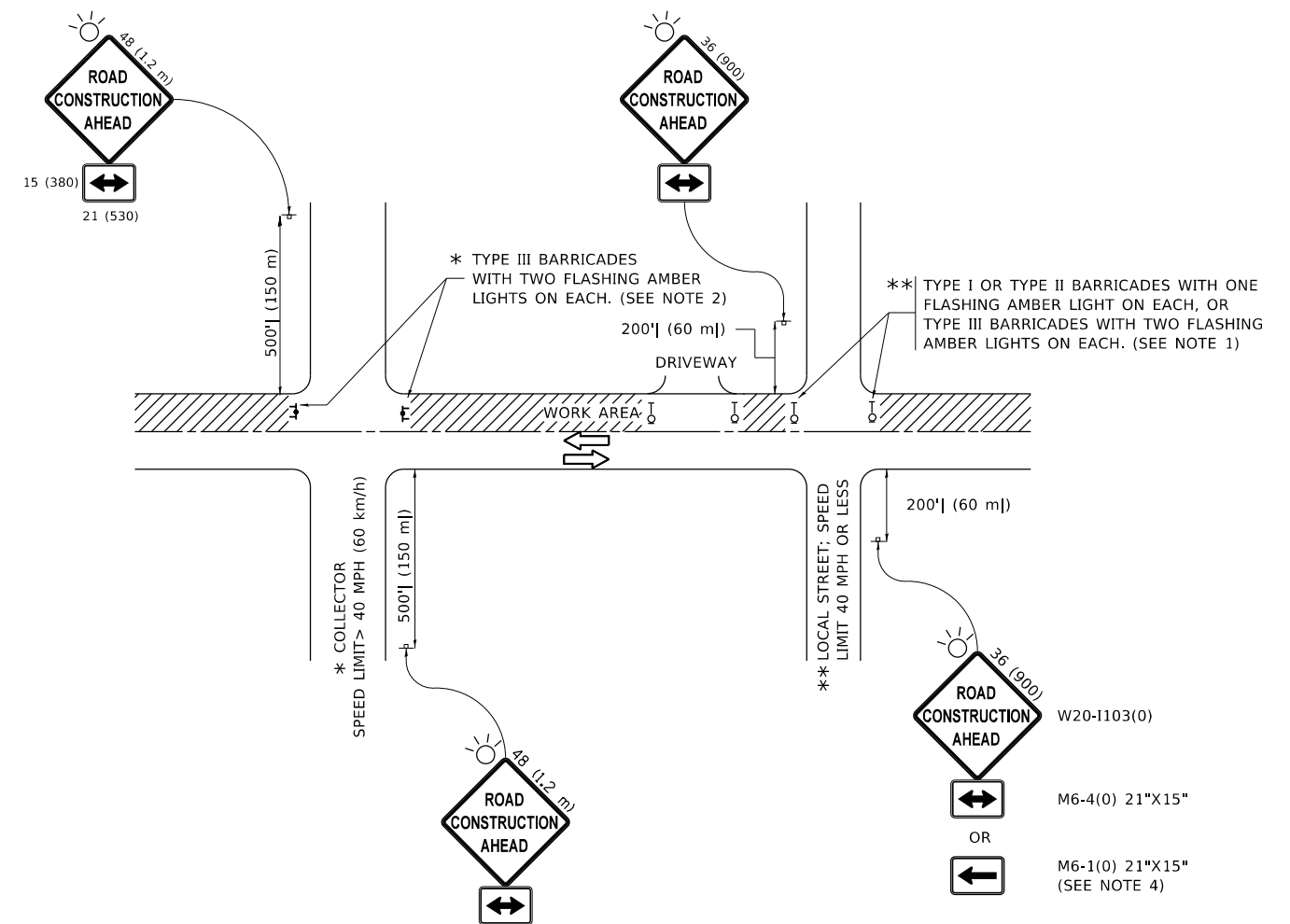
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	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 8/14/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING AND PROPOSED ROADWAY PLAN
US 6 (W 159TH ST) - WESTERN AVE TO CAROL AVE

SCALE: 1"=50' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-I	COOK	14	9
CONTRACT NO. 62L40				
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) 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. 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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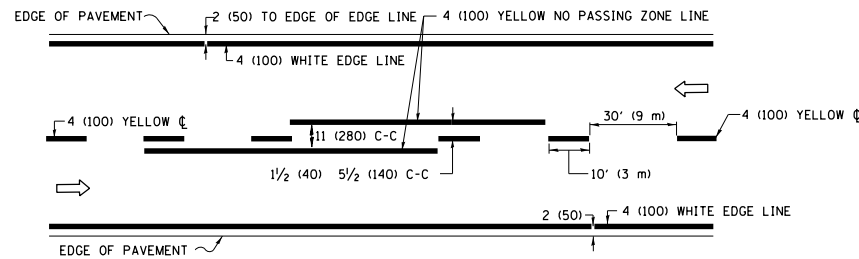
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PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - T. RAMMACHER 01-06-00
PLOT DATE = 8/14/2020	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

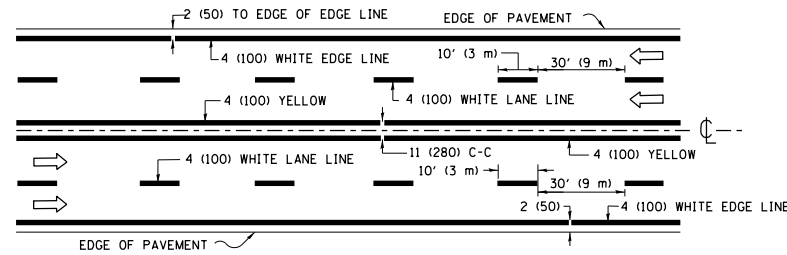
**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

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

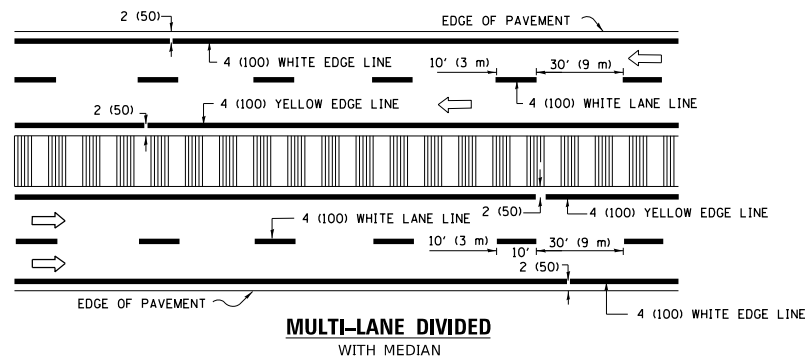
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351	2020-062-1	COOK	14	10
TC-10			CONTRACT NO.	62L40
ILLINOIS FED. AID PROJECT				



2-LANE ROADWAY

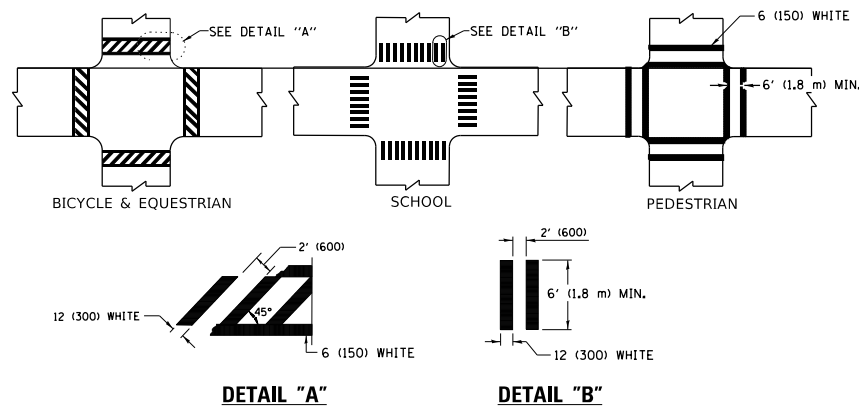


MULTI-LANE UNDIVIDED



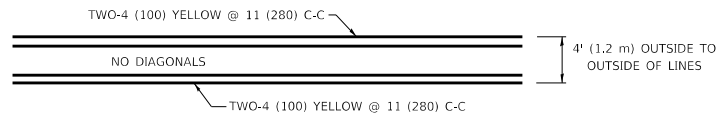
MULTI-LANE DIVIDED WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING

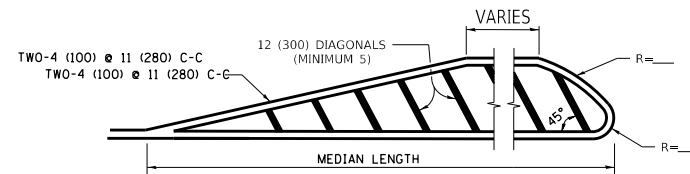


TYPICAL CROSSWALK MARKING

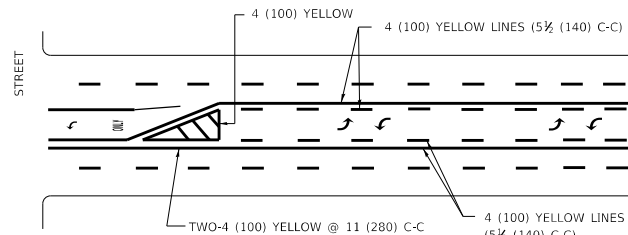
* MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



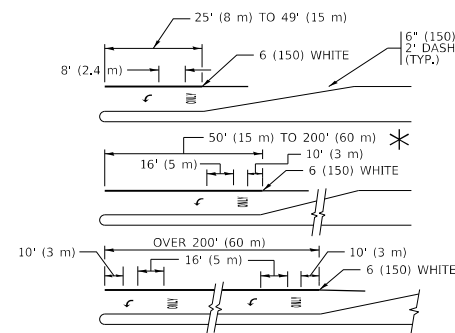
4' (1.2 m) WIDE MEDIANS ONLY



MEDIANS OVER 4' (1.2 m) WIDE



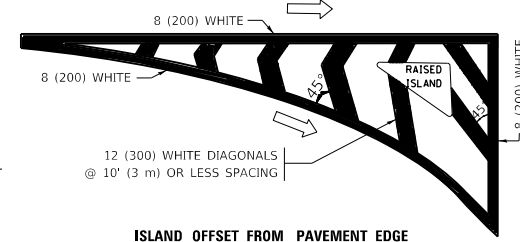
**MEDIAN WITH TWO-WAY LEFT TURN LANE
TYPICAL PAINTED MEDIAN MARKING**



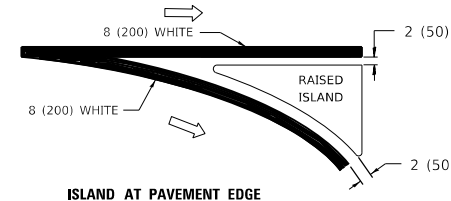
FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
 * AREA = 15.6 SQ. FT. (1.5 m²) ONLY AREA = 20.8 SQ. FT. (1.9 m²)
 * TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

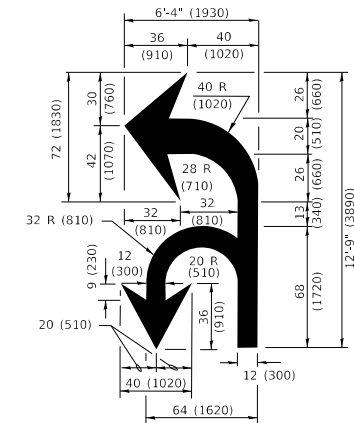


ISLAND OFFSET FROM PAVEMENT EDGE

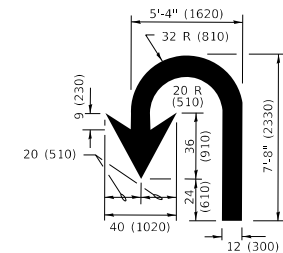


ISLAND AT PAVEMENT EDGE

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 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 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' (22.5 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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	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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**DISTRICT ONE
TYPICAL PAVEMENT MARKINGS**

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-1	COOK	14	11
TC-13		CONTRACT NO.		62L40
ILLINOIS		FED. AID PROJECT		

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

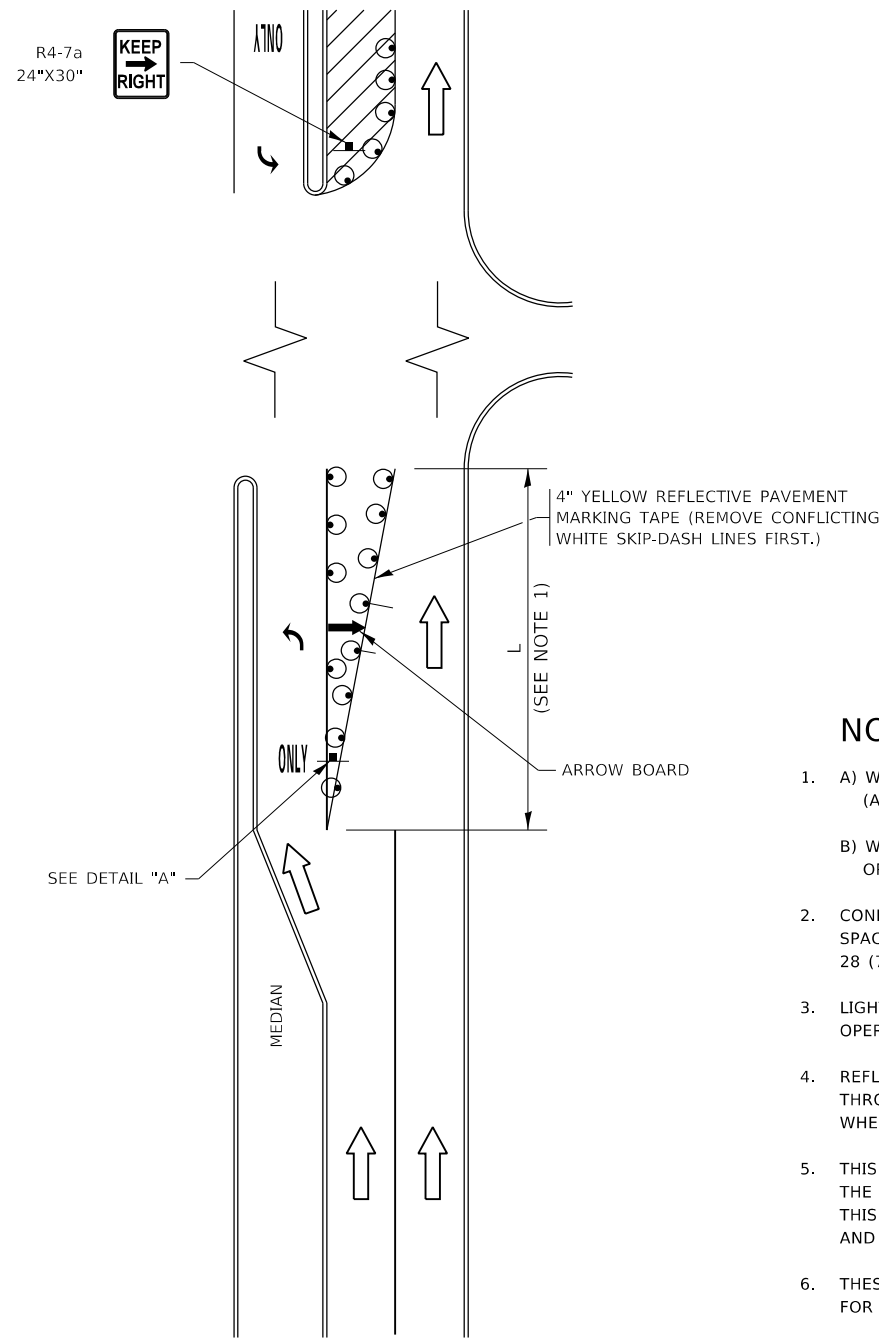


FIGURE 1

TURN BAY ENTRANCE WITHIN A LANE CLOSURE

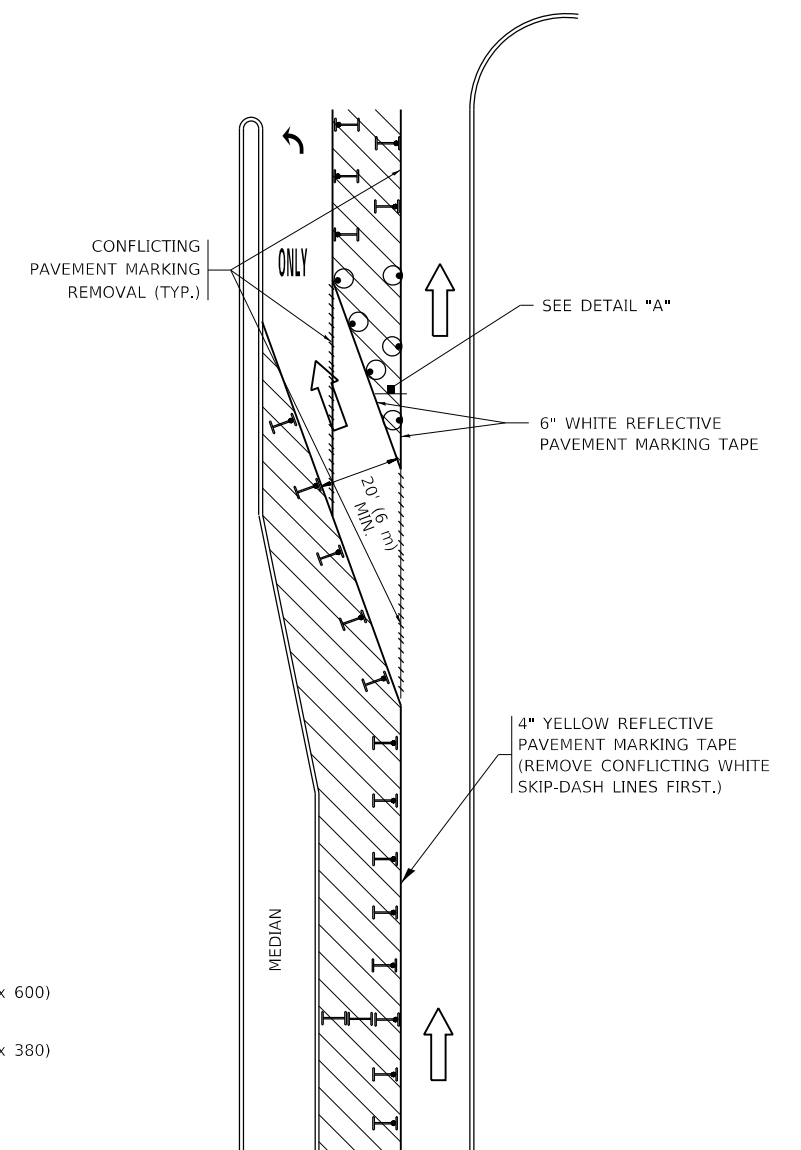
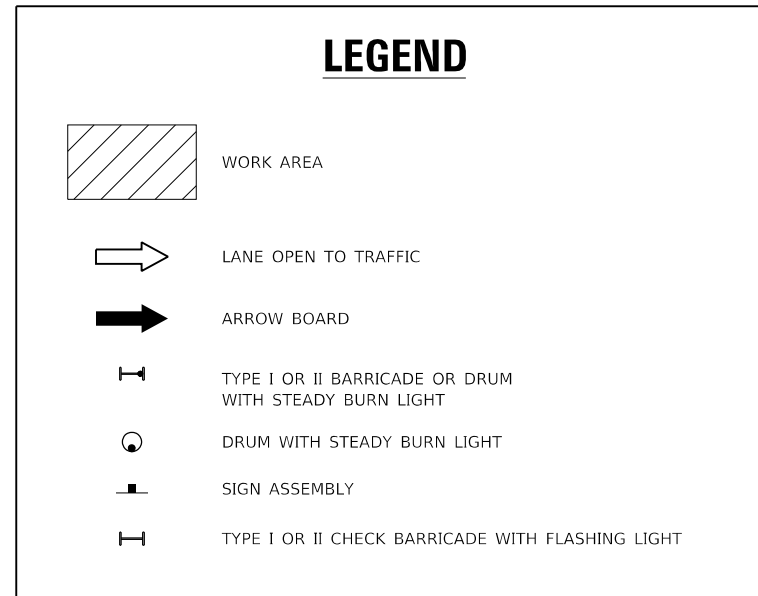
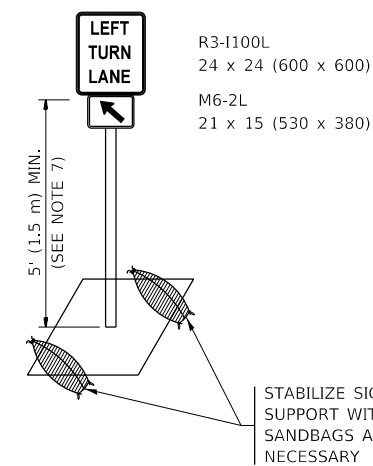


FIGURE 2



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 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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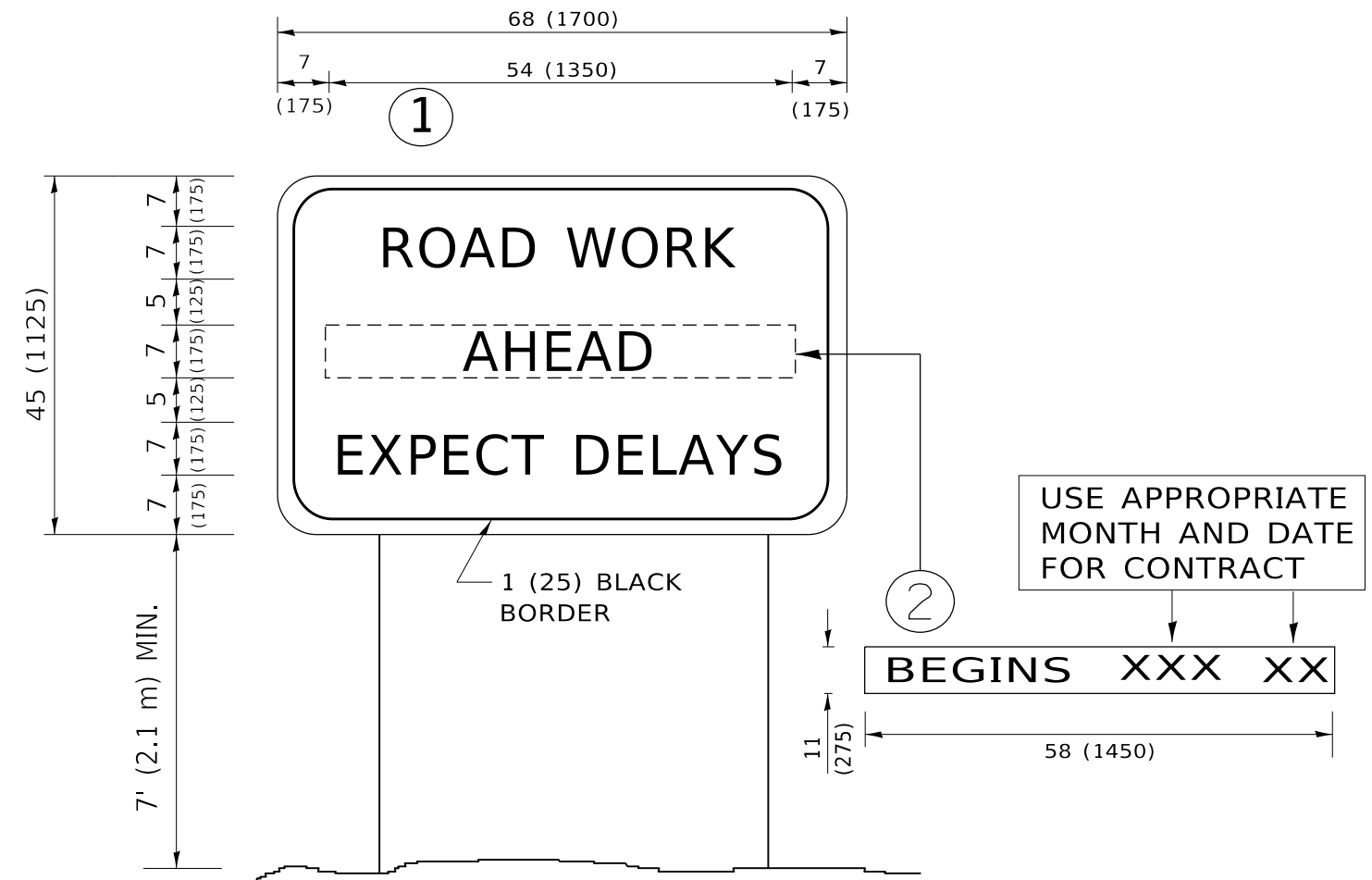
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	DRAWN - A. HOUSEH 11-07-95	REVISED - A. SCHUETZE 07-01-13
PLOT SCALE = 100,0000' / in.	CHECKED - A. HOUSEH 10-12-96	REVISED - A. SCHUETZE 09-15-16
PLOT DATE = 8/14/2020	DATE - T. RAMMACHER 01-06-00	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**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. 351	SECTION 2020-062-1	COUNTY COOK	TOTAL SHEETS 14	SHEET NO. 12
TC-14		CONTRACT NO. 62L40		
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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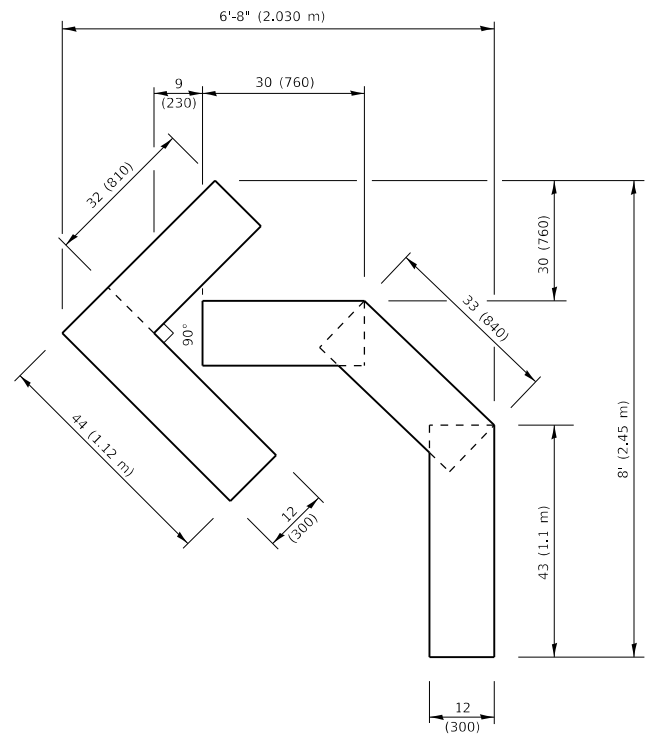
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PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED - T. RAMMACHER 02-02-99
PLOT DATE = 8/14/2020	DATE -	REVISED - C. JUCIUS 01-31-07

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD
INFORMATION SIGN**

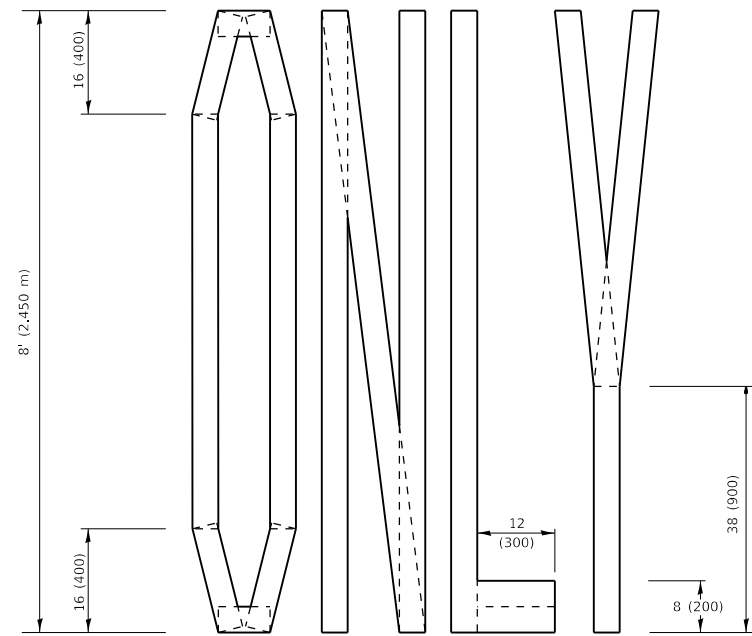
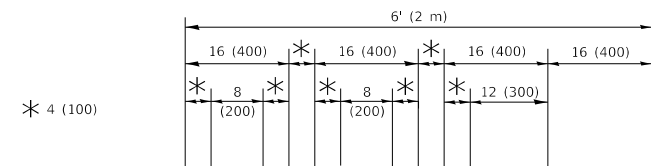
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-1	COOK	14	13
TC-22		CONTRACT NO.	62L40	
ILLINOIS FED. AID PROJECT				



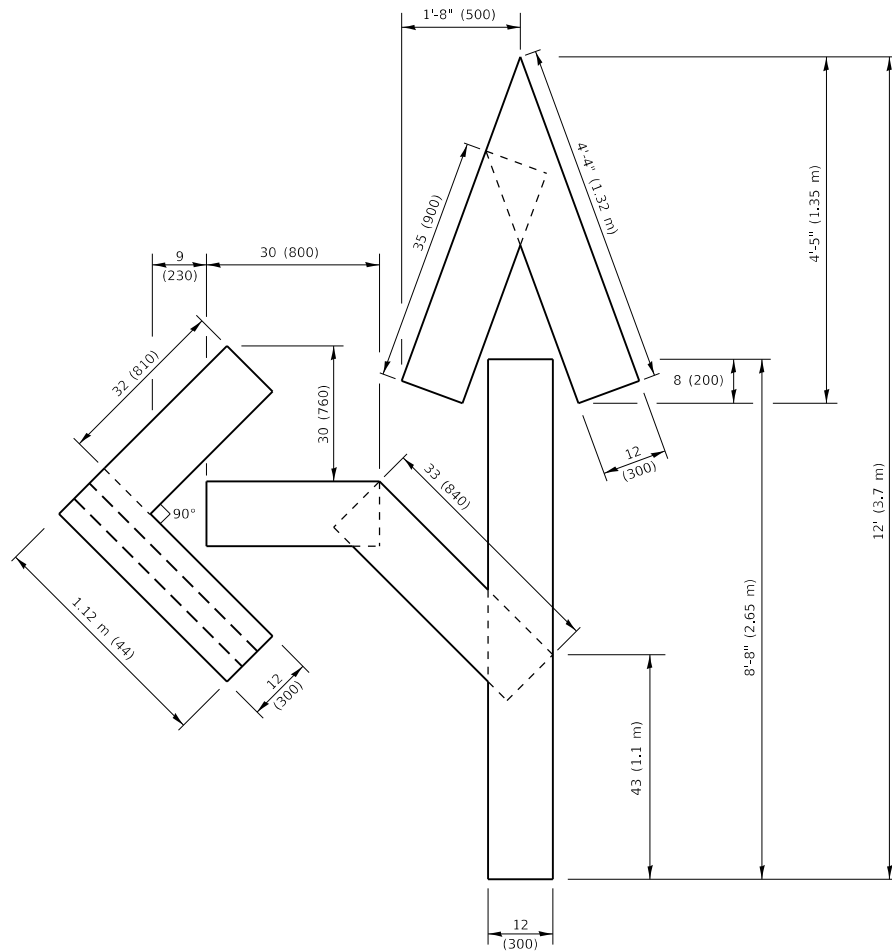
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

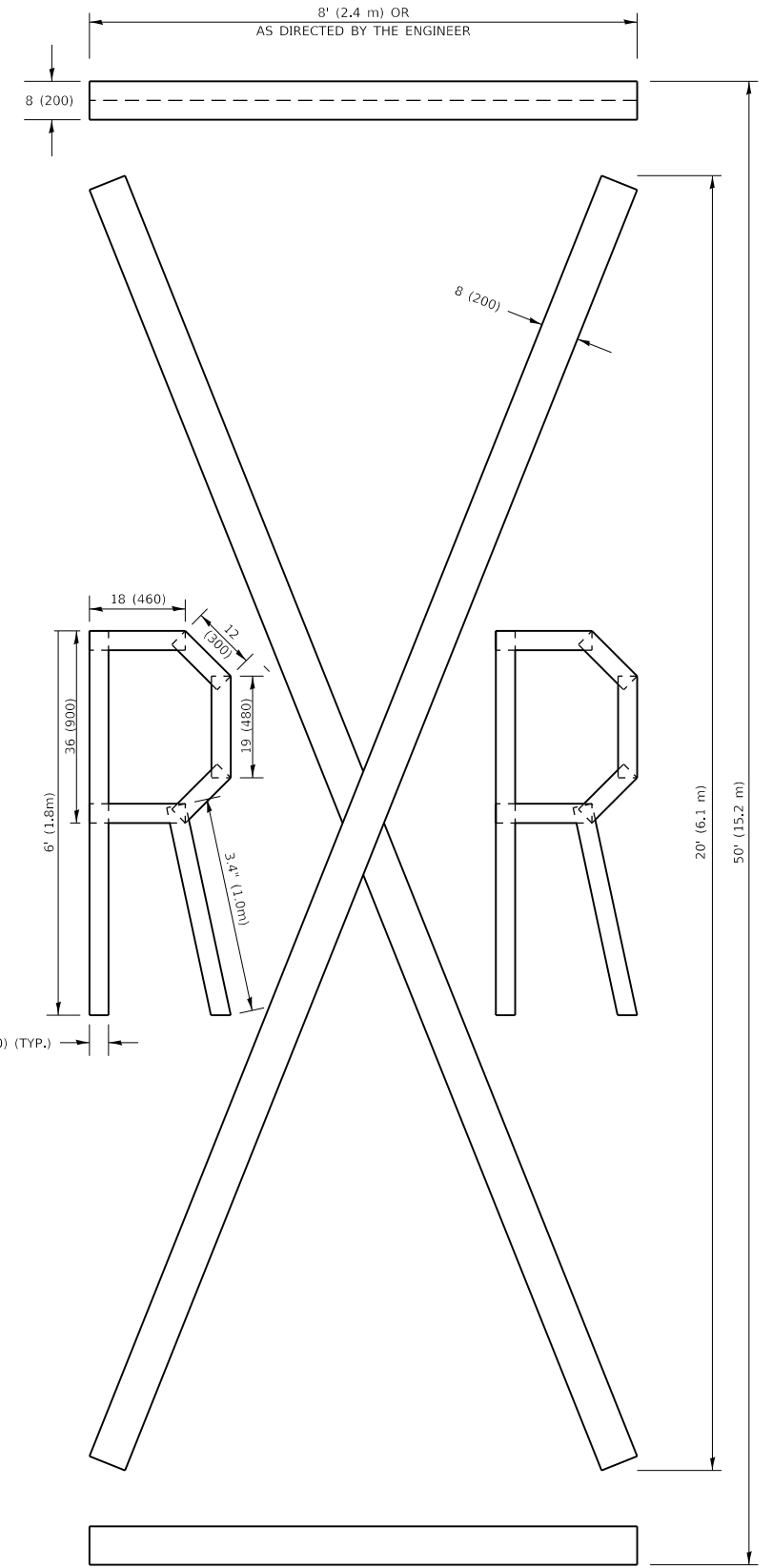


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

MODEL: Default
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PROJECT: ...

USER NAME = dumachia	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 8/14/2020	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
351	2020-062-1	COOK	14	14
TC-16			CONTRACT NO.	62L40
ILLINOIS FED. AID PROJECT				