

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	1
		ILLINOIS	CONTRACT NO. 62Y33	

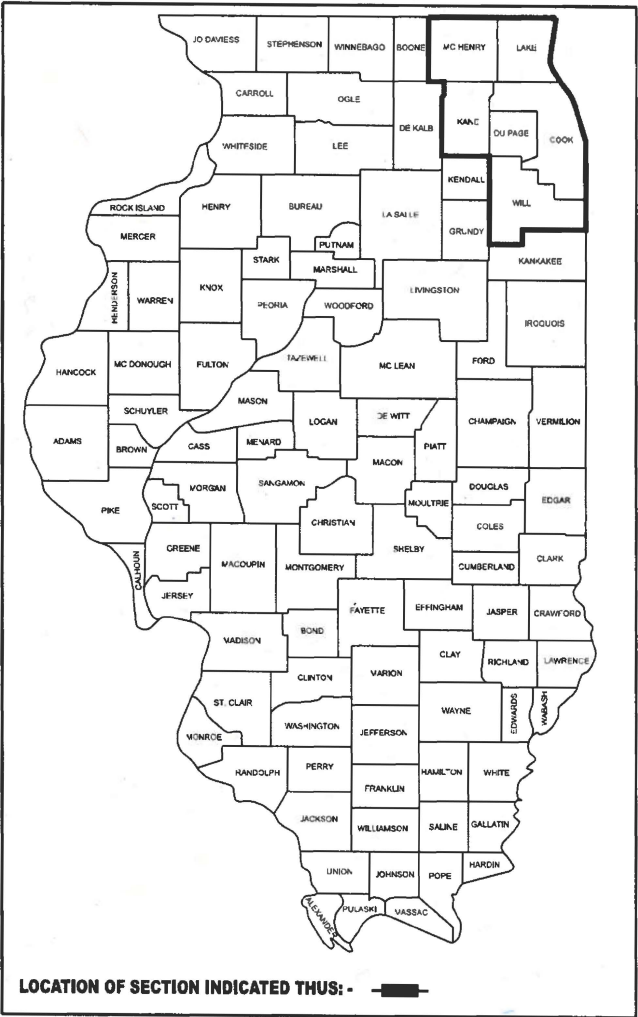
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED
HIGHWAY PLANS

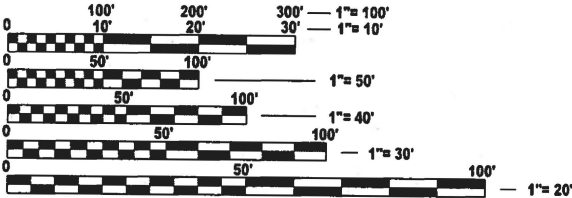
VARIOUS DISTRICT ONE ROUTES
DISTRICT WIDE
SECTION 2025-1082-SG
VARIOUS SIGN MAINTENANCE
VARIOUS COUNTIES

C-91-229-25

D-91-152-25



LOCATION OF SECTION INDICATED THUS: -



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: RODRIGO LEDEZMA (847) 705-4580
PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62Y33

SEE LOCATION MAPS
SHEETS 4 - 8

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 19th 2025
[Signature] REGIONAL ENGINEER

October 3, 2025
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT

October 3, 2025
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

STATE STANDARDS

GENERAL NOTES

SHEET NO.

DESCRIPTION

STANDARD NO.

DESCRIPTION

1	COVER SHEET
2	INDEX OF SHEETS, STANDARDS, AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4 - 8	LOCATION MAPS
9	ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)
10	TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)
11	TRAFFIC CONTROL & PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)
12	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)
13	MILE POST MARKERS - GORE SIGNS, MAJOR GUIDE SIGN LAYOUT - ARROWS (TC-27)

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701001	-	02	OFF-RD OPERATIONS 2L 2W MORE THAN 15FT
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701901	-	10	TRAFFIC CONTROL DEVICES
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720006	-	04	SIGN PANEL ERECTION DETAILS
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720016	-	04	MAST ARM MOUNTED STREET NAME SIGNS
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728001	-	01	TELESCOPING STEEL SIGN SUPPORT
729001	-	01	APPLICATIONS OF TYPE A AND B METAL POSTS
731001	-	01	BASE FOR TELESCOPING STEEL SIGN SUPPORT

- 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 IS REQUIRED)
- BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "C.U.A.N."(CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).
- ALL WORK SHALL BE DONE AS INDICATED IN THE WORK ORDER FORM.
- NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
- ANY HARDWARE REFERENCED IN THE PLANS OR SPECIAL PROVISIONS SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR. THE COST OF THE HARDWARE IS INCLUDED IN THE COST OF THE ITEMS INVOLVED.
- REMOVAL OF DAMAGED MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.
- THE CONTRACTOR SHALL PICK UP THE SIGNS FROM ANY ONE OF THE FOUR (4) SIGN SHOPS THAT ISSUED THEM THE WORK ORDER.
- THE CONTRACTOR SHALL REQUEST AND GAIN APPROVAL FOR THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT WWW.IDOTLCS.COM TWENTY-FOUR HOURS IN ADVANCE OF ALL DAILY LANE, RAMP AND SHOULDER CLOSURES. ALLOWABLE HOURS ON THE EXPRESSWAY SHALL BE DETERMINED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER.
- CONTRACTOR SHALL NOT IMPLEMENT TRAFFIC CONTROL STANDARD 701426-09 ON THE INTERSTATE SYSTEM. THE SIGN SHOP LOCATIONS ARE AS FOLLOWS:

(ESS)
IDOT ELGIN SIGN SHOP
595 S. STATE STREET, DRIVE F, DOOR 22
ELGIN, IL 60123
(847) 741-5302

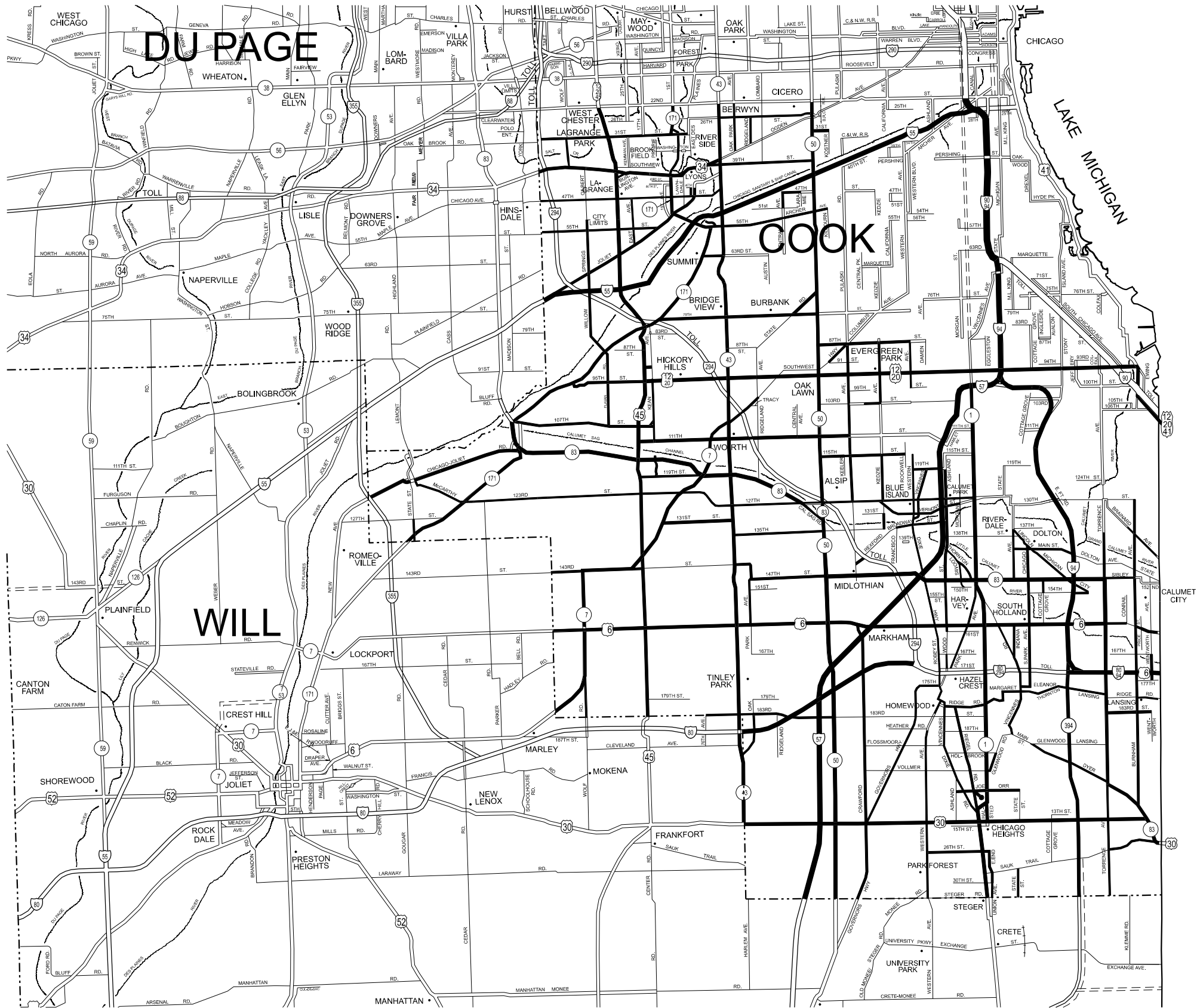
(SSSS)
IDOT SOUTHSIDE SIGN SHOP
15940 PULASKI RD.
MARKHAM, IL 60426
(708) 597-9800

(NLSS)
IDOT NEW LENOX SIGN SHOP
1400 W. MAPLE STREET
NEW LENOX, IL 60452
(815) 485-6475

GENERAL NOTES CONTINUE ON NEXT SHEET

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	PLOT DATE = 7/22/2025	DATE -	REVISED -		SCALE:	SHEET	OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



SOUTH SIDE SIGN SHOP JURISDICTION

- DISTRICT NO. 1**
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

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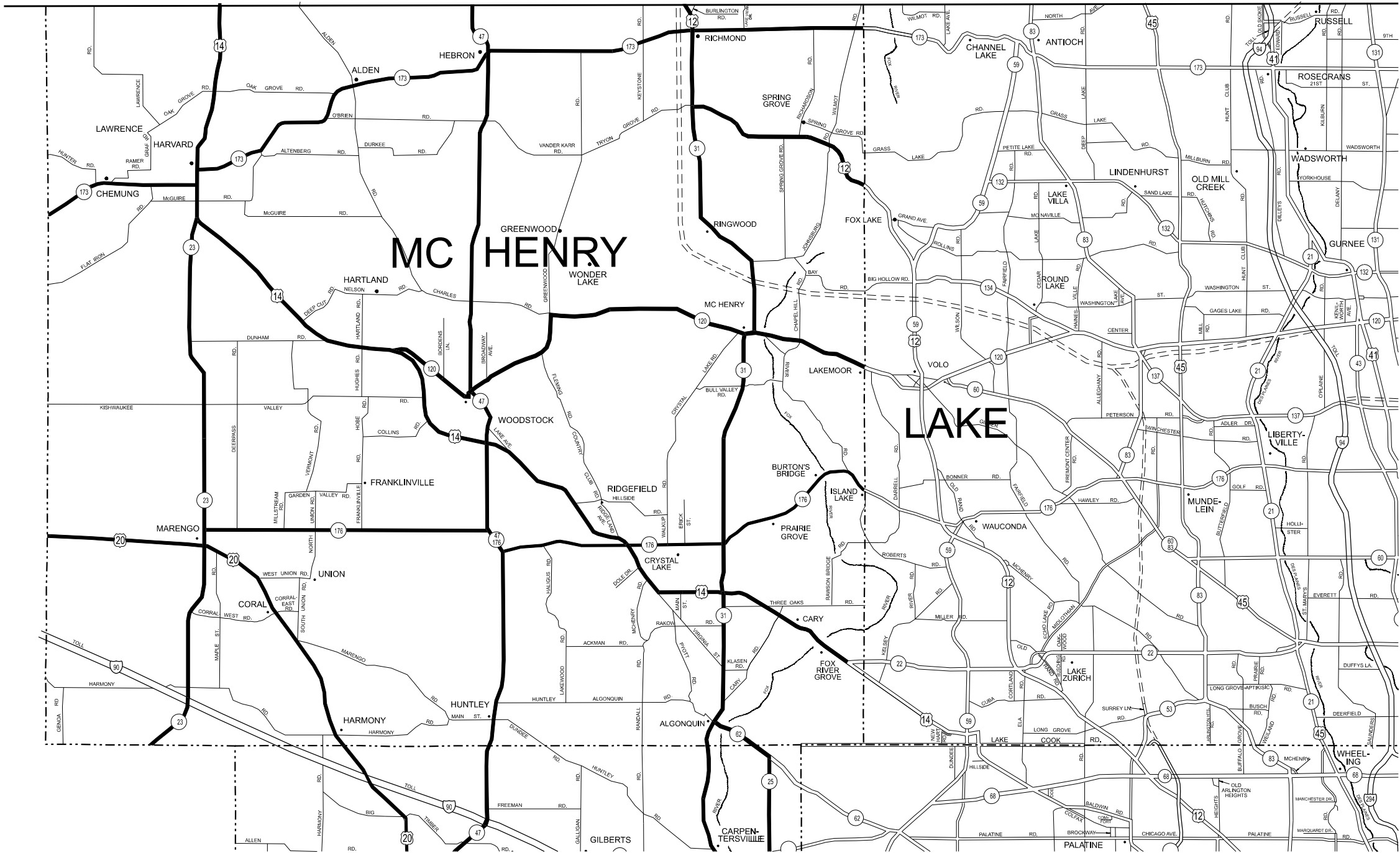
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOUTH SIDE SIGN SHOP JURISDICTIONS
SIGN INSTALLATION AND REPAIR**

SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	4
CONTRACT NO. 62Y33				
ILLINOIS FED. AID PROJECT				

WISCONSIN



ELGIN SIGN SHOP JURISDICTION

DISTRICT NO. 1

- STATE HIGHWAYS & EXPRESSWAYS
WITHIN STATE JURISDICTION
(EXCEPT TOLLWAYS)
- FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

SEE NEXT SHEET FOR ELGIN SIGN SHOP CONTINUATION

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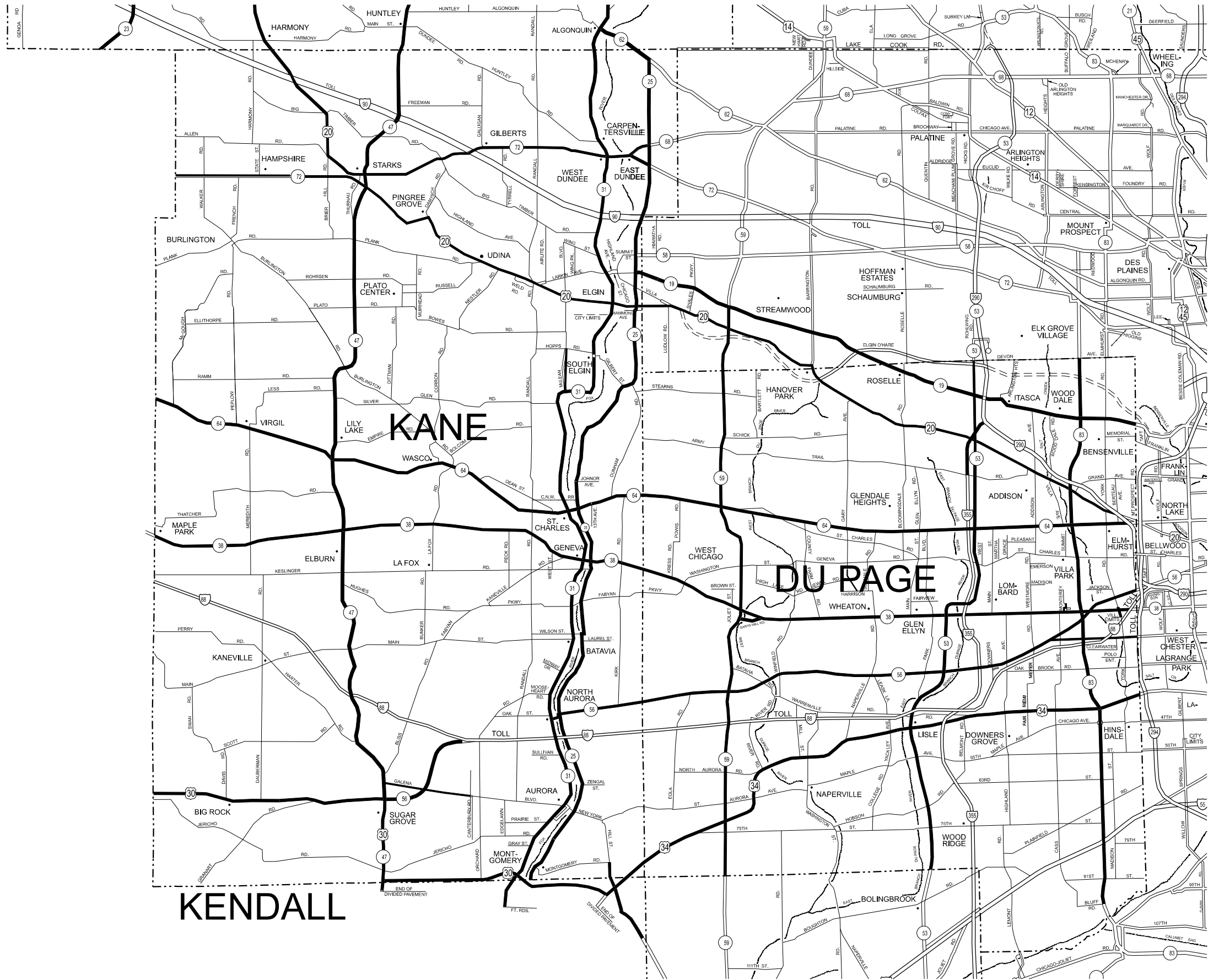
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELGIN SIGN SHOP JURISDICTION SHEET 1 OF 2
SIGN INSTALLATION AND REPAIR

SCALE: SHEET 2 OF 5 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	5
CONTRACT NO. 62Y33				
ILLINOIS FED. AID PROJECT				

SEE PREVIOUS SHEET FOR ELGIN SIGN SHOP CONTINUATION



ELGIN SIGN SHOP JURISDICTION

DISTRICT NO. 1

- STATE HIGHWAYS & EXPRESSWAYS
WITHIN STATE JURISDICTION
(EXCEPT TOLLWAYS)
- FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

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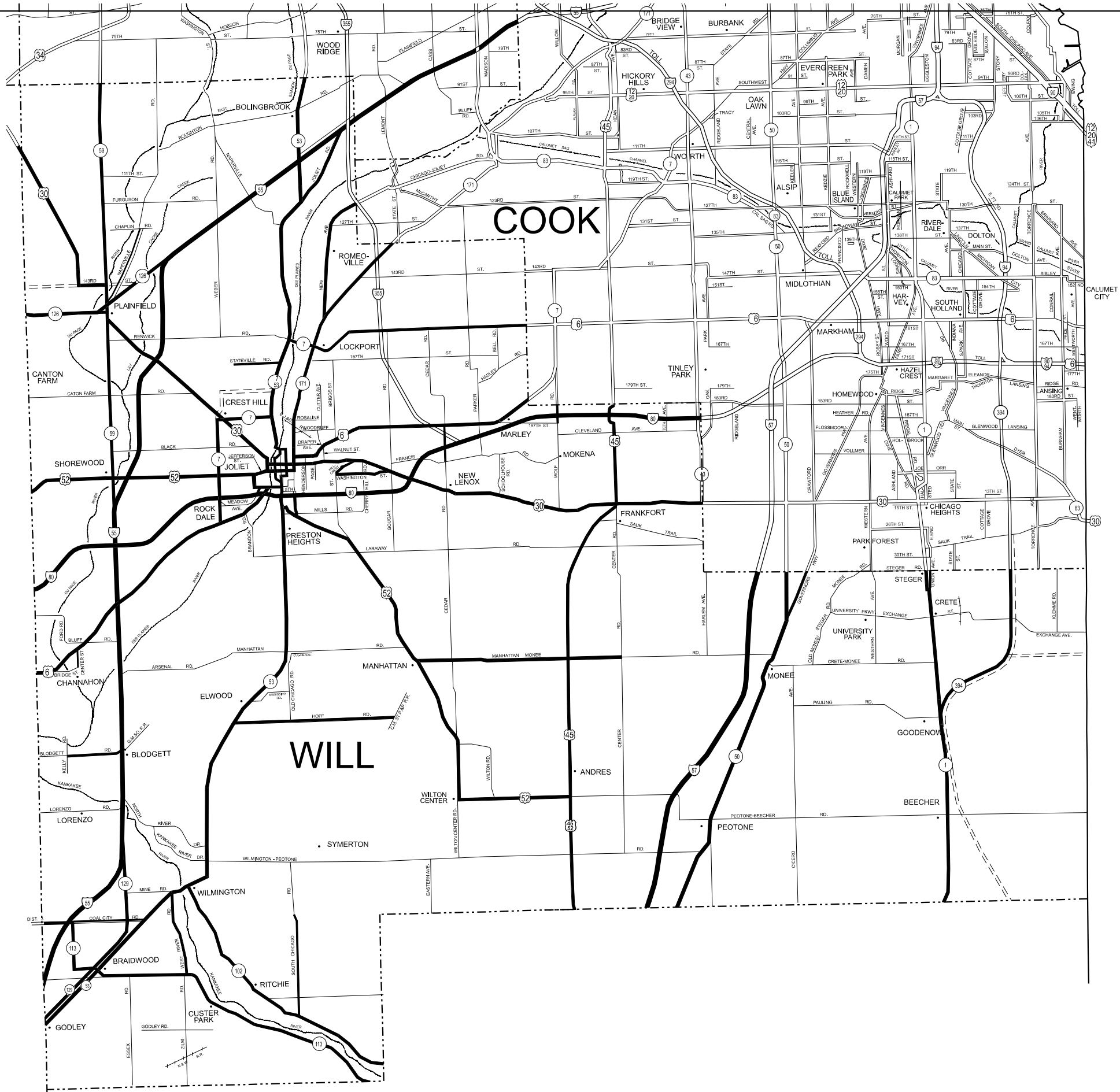
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELGIN SIGN SHOP JURISDICTION SHEET 2 OF 2
SIGN INSTALLATION AND REPAIR

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

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ILLINOIS FED. AID PROJECT				

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NEW LENOX SIGN SHOP JURISDICTION

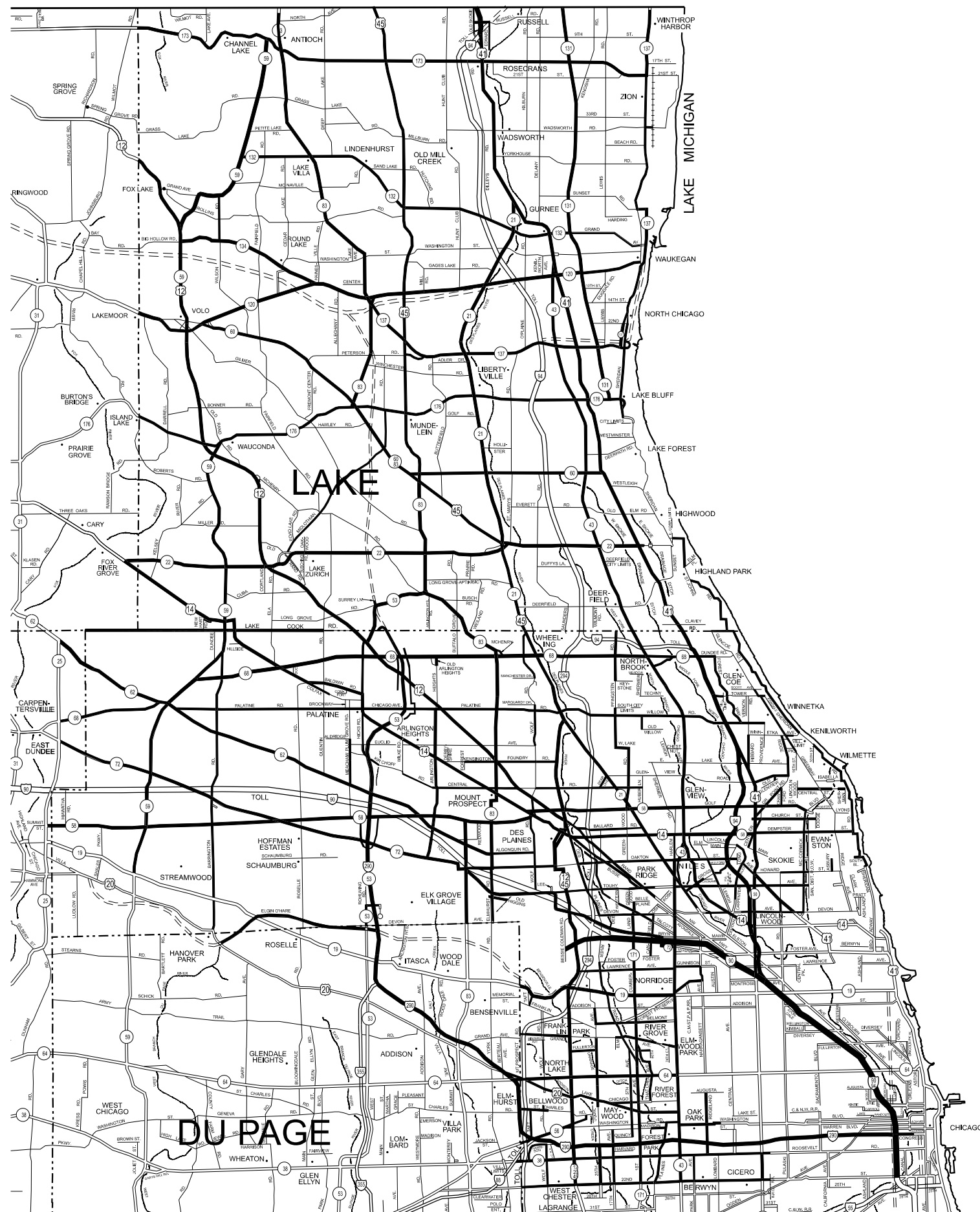
- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS
WITHIN STATE JURISDICTION
(EXCEPT TOLLWAYS)
 - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

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		DRAWN	-	REVISED	-
		CHECKED	-	REVISED	-
PLOT DATE	= 7/15/2025	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NEW LENOX SIGN SHOP JURISDICTION SIGN INSTALLATION AND REPAIR			
SCALE:	SHEET 4	OF 5	SHEETS
	STA.	TO STA.	

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	7
CONTRACT NO. 62Y33				
ILLINOIS FED. AID PROJECT				



■ NORTHSIDE SIGN SHOP JURISDICTION

DISTRICT NO. 1

STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)

== FUTURE HIGHWAYS

—— VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

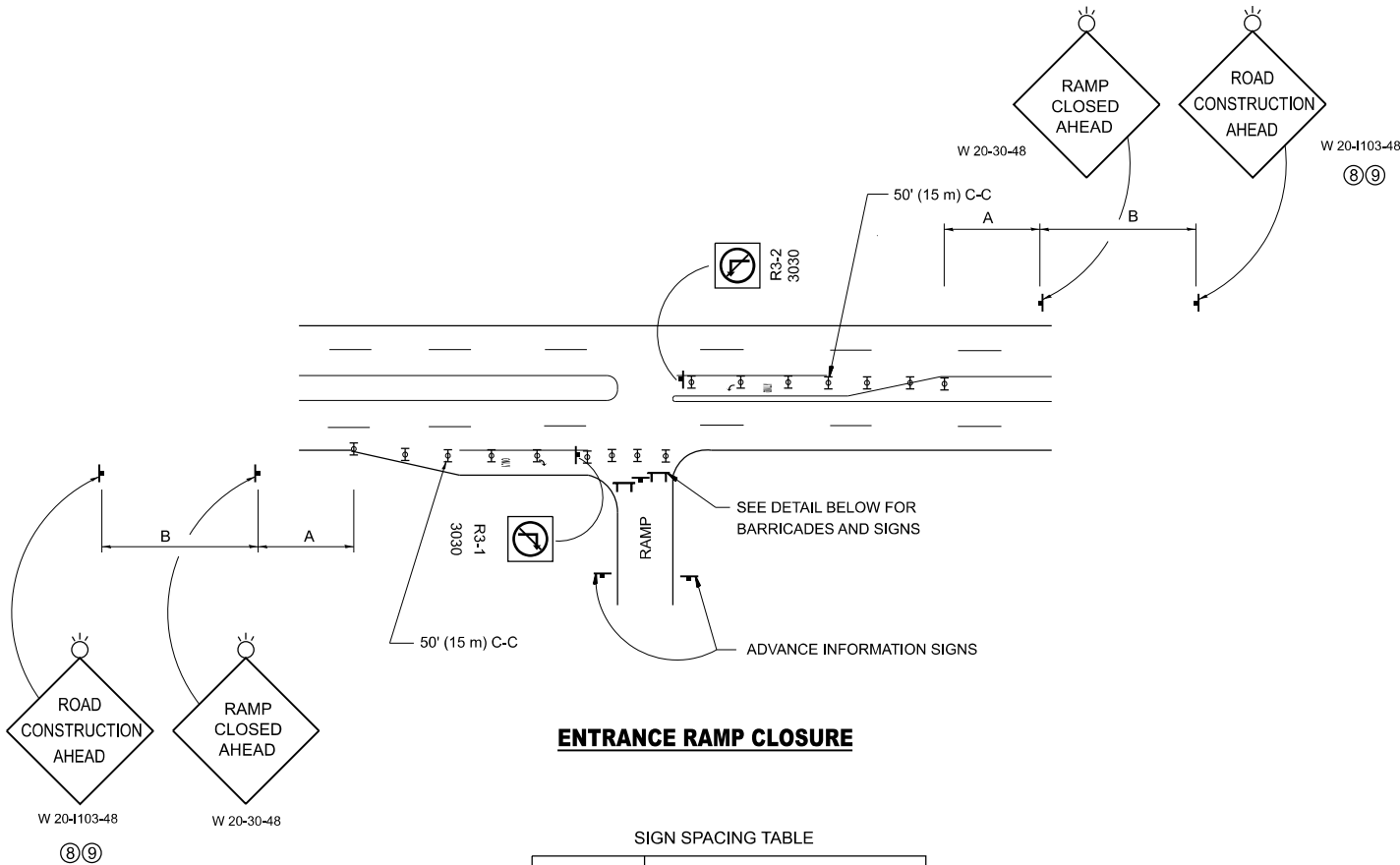
NORTHSIDE SIGN SHOP JURISDICTION SIGN INSTALLATION AND REPAIR

SCALE:	SHEET 5	OF 5	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		CONTRACT NO. 62Y33		
ILLINOIS		FED. AID PROJECT		

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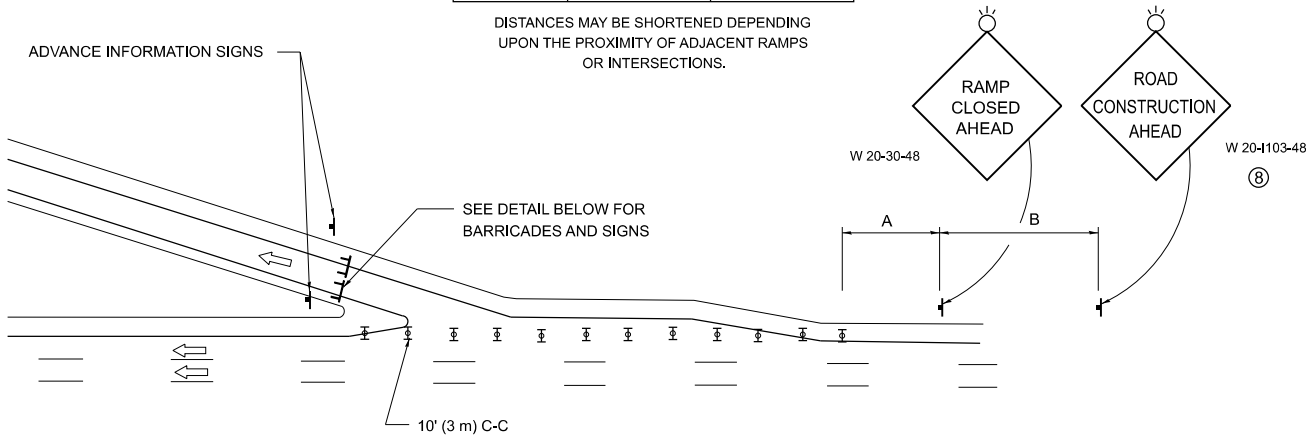
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ENTRANCE RAMP CLOSURE

FACILITY	SIGN SPACING TABLE	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

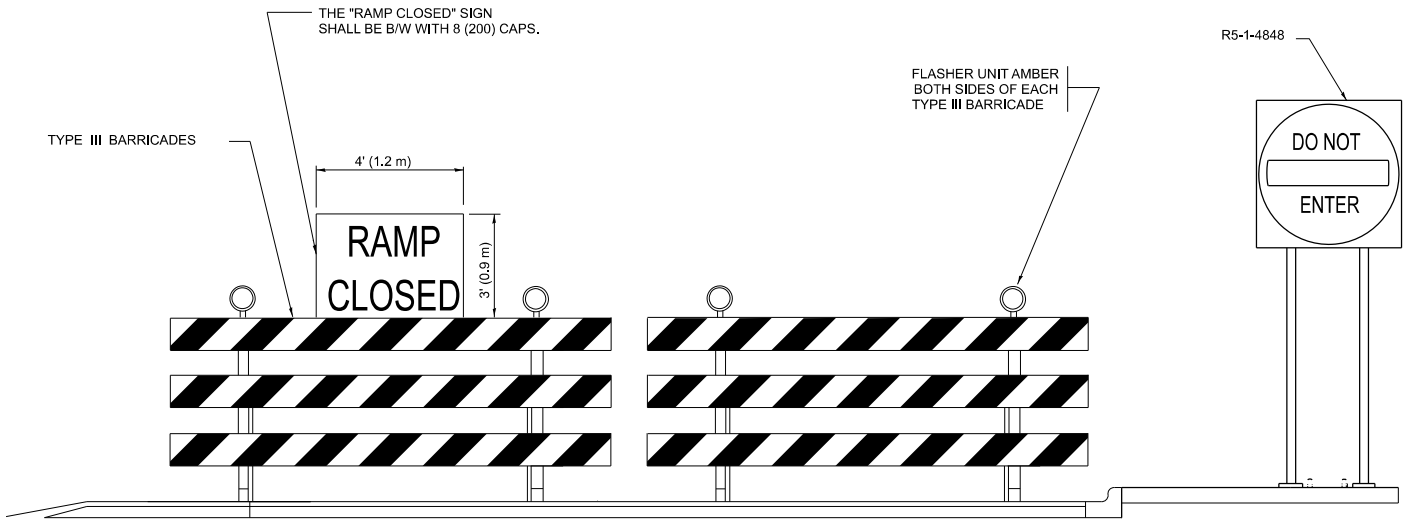
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

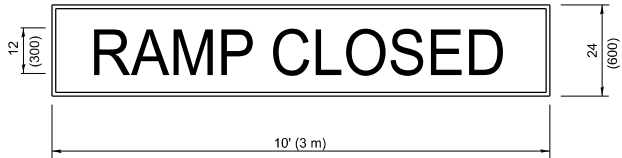
SYMBOLS

- TYPE II BARRICADE OR DRUM
- TYPE III BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

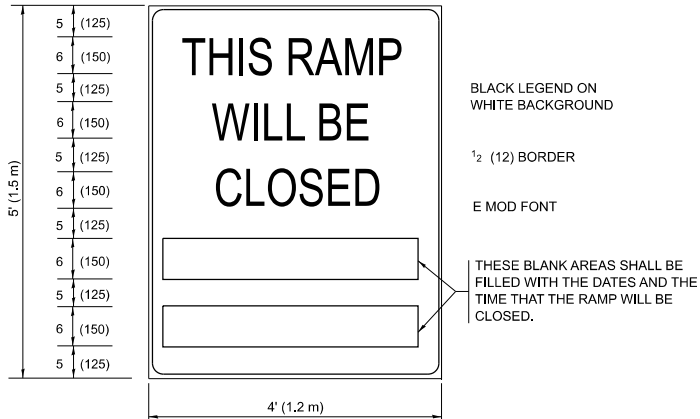
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE
BACKGROUND MOUNTED
DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT
GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE
CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON
WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE
FILLED WITH THE DATES AND THE
TIME THAT THE RAMP WILL BE
CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

USER NAME = rodrigo.ledezma	DESIGNED - D.W.S.	REVISED - S.P.B._12-09
	DRAWN -	REVISED - M.D._06-13
	CHECKED -	REVISED - M.D._01-18
PLOT DATE = 7/21/2025	DATE - 02-83	REVISED - D.S._05-24

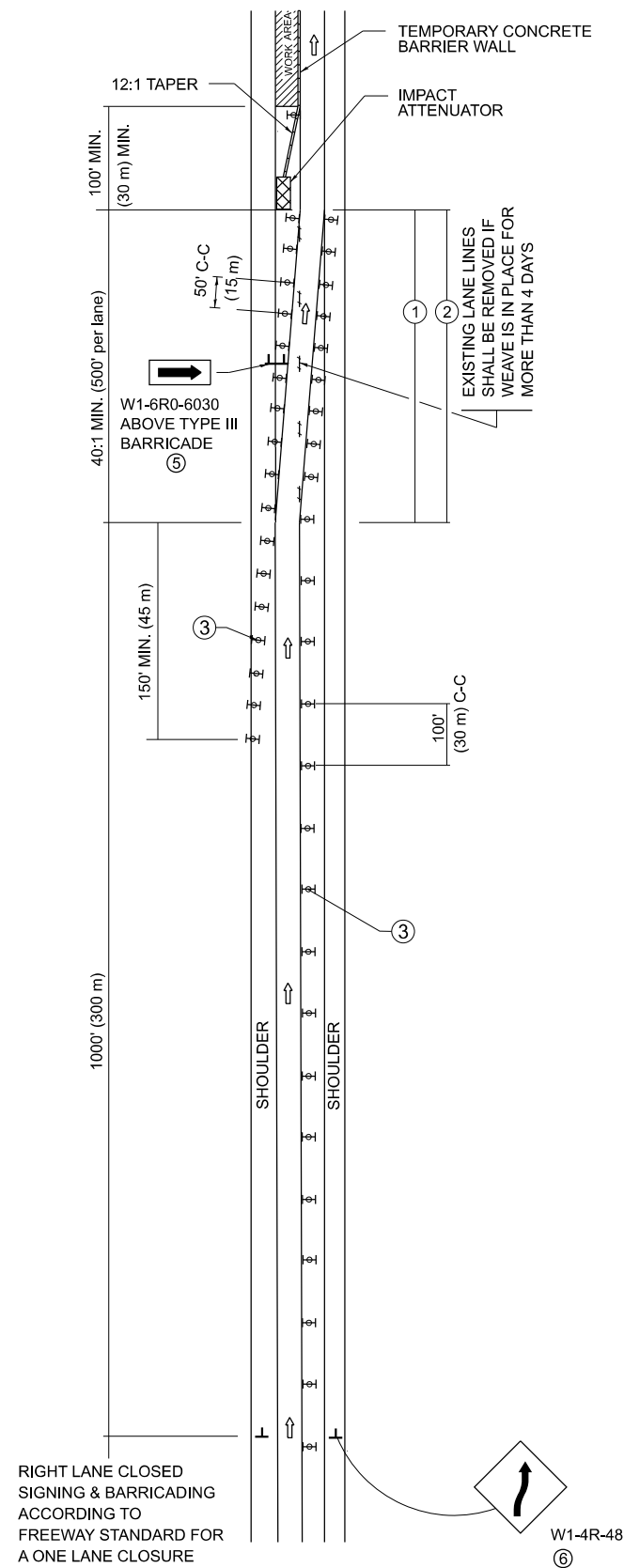
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**ENTRANCE AND EXIT_RAMP
CLOSURE DETAILS**

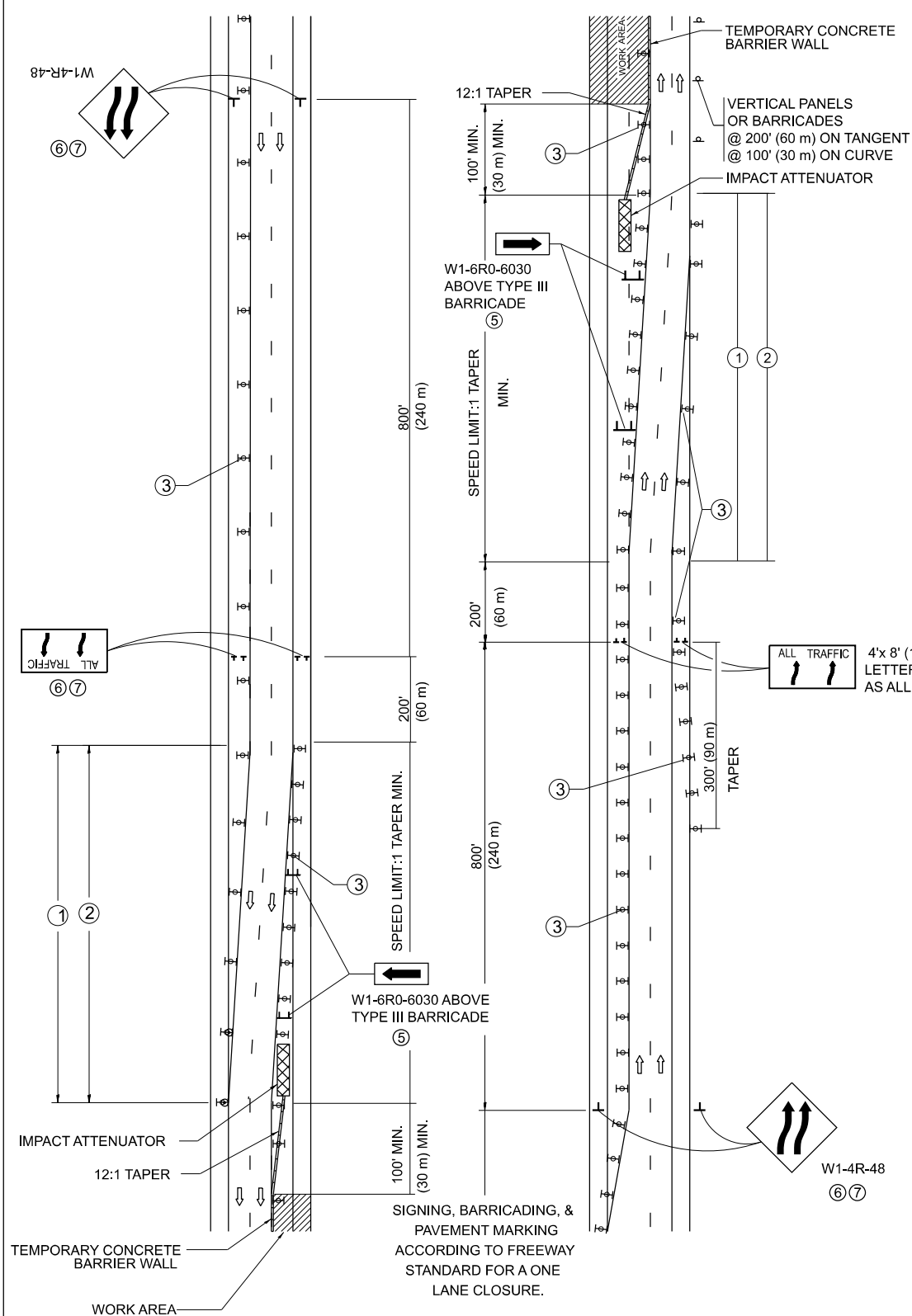
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	9
TC-08		CONTRACT NO. 62Y33		
		ILLINOIS FED. AID PROJECT		

SINGLE LANE WEAVE



MULTI-LANE WEAVE



- GENERAL NOTES:**

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8" "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

- | | |
|---|--|
|  | DIRECTION OF TRAFFIC |
|  | WORK AREA |
|  | SIGN ON PORTABLE OR PERMANENT SUPPORT |
|  | TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT |
|  | TEMPORARY CONCRETE BARRIER WALL |
|  | IMPACT ATTENUATOR |
|  | W24-1-48
(7) |

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN

USER NAME = rodrigo.ledezma	DESIGNED - D.W.S.	REVISED - J.A.F. 02-06
	DRAWN -	REVISED - S.P.B. 01-07
	CHECKED -	REVISED - S.P.B. 12-09
PLOT DATE = 7/21/2025	DATE - 02-87	REVISED - M.D. 06-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

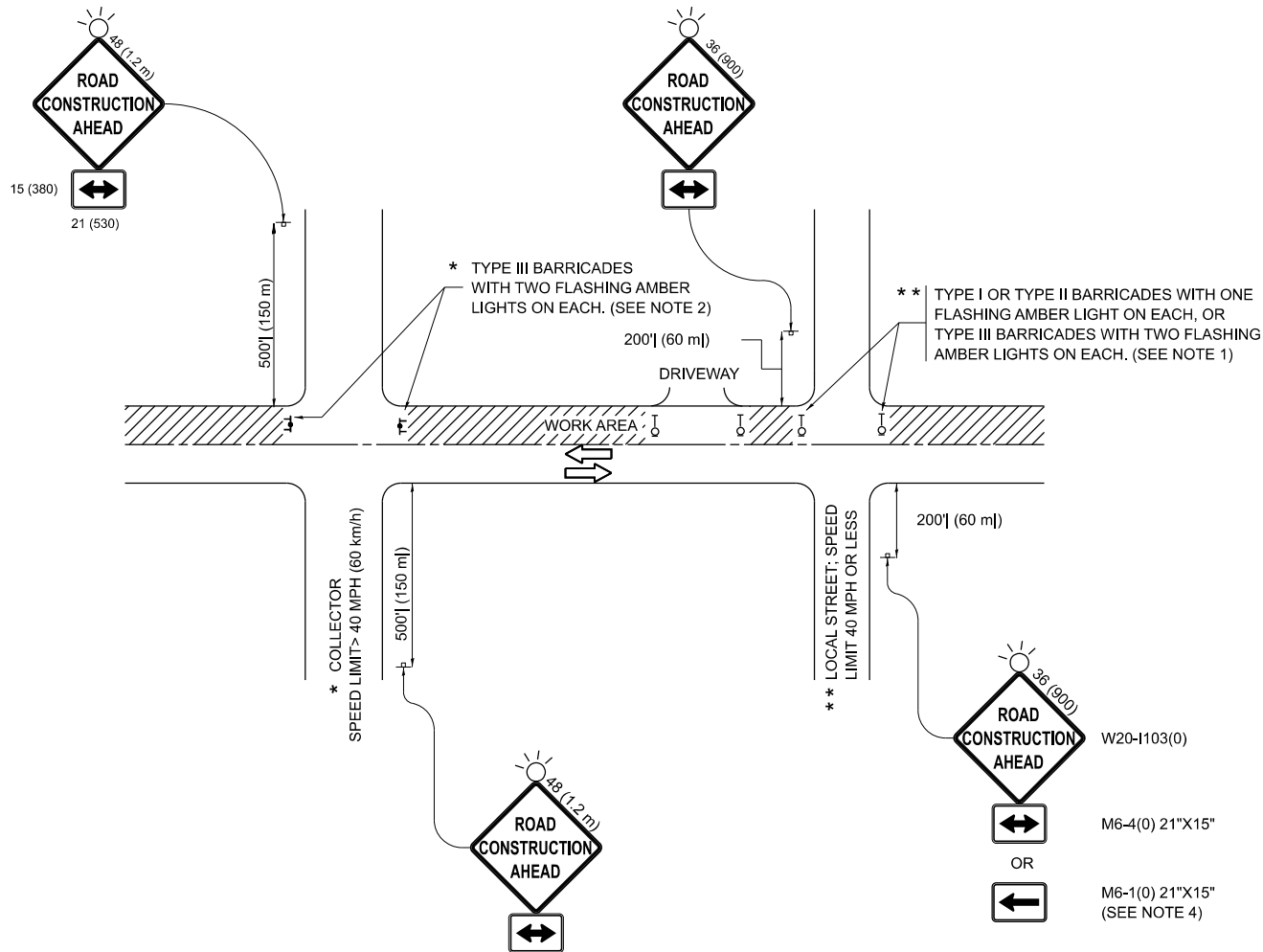
TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE

SCALE: NONE	SHEET 1	OF 1	SHEETS	STA.	TO STA.
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	10
TC-09		CONTRACT NO. 62Y33		
	ILLINOIS	FED. AID PROJECT		

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MODEL: TC-10 [Sheet]
FILE NAME: c:\p\work\pwtol\ledzma\mid123058-shd-Dts\Sds.dgn



NOTES:

- 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:
 - 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.
 - THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
- SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - 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 BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
- 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 SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
- 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.
- ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
- THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

USER NAME	= rodrigo.ledzma	DESIGNED	- L.H.A.	REVISED	- T. RAMMACHER 01-06-00
		DRAWN	-	REVISED	- A. SCHUETZE 07-01-13
		CHECKED	-	REVISED	- A. SCHUETZE 09-15-06
PLOT DATE	= 7/21/2025	DATE	- 06-89	REVISED	- D. SENDERAK 05-03-24

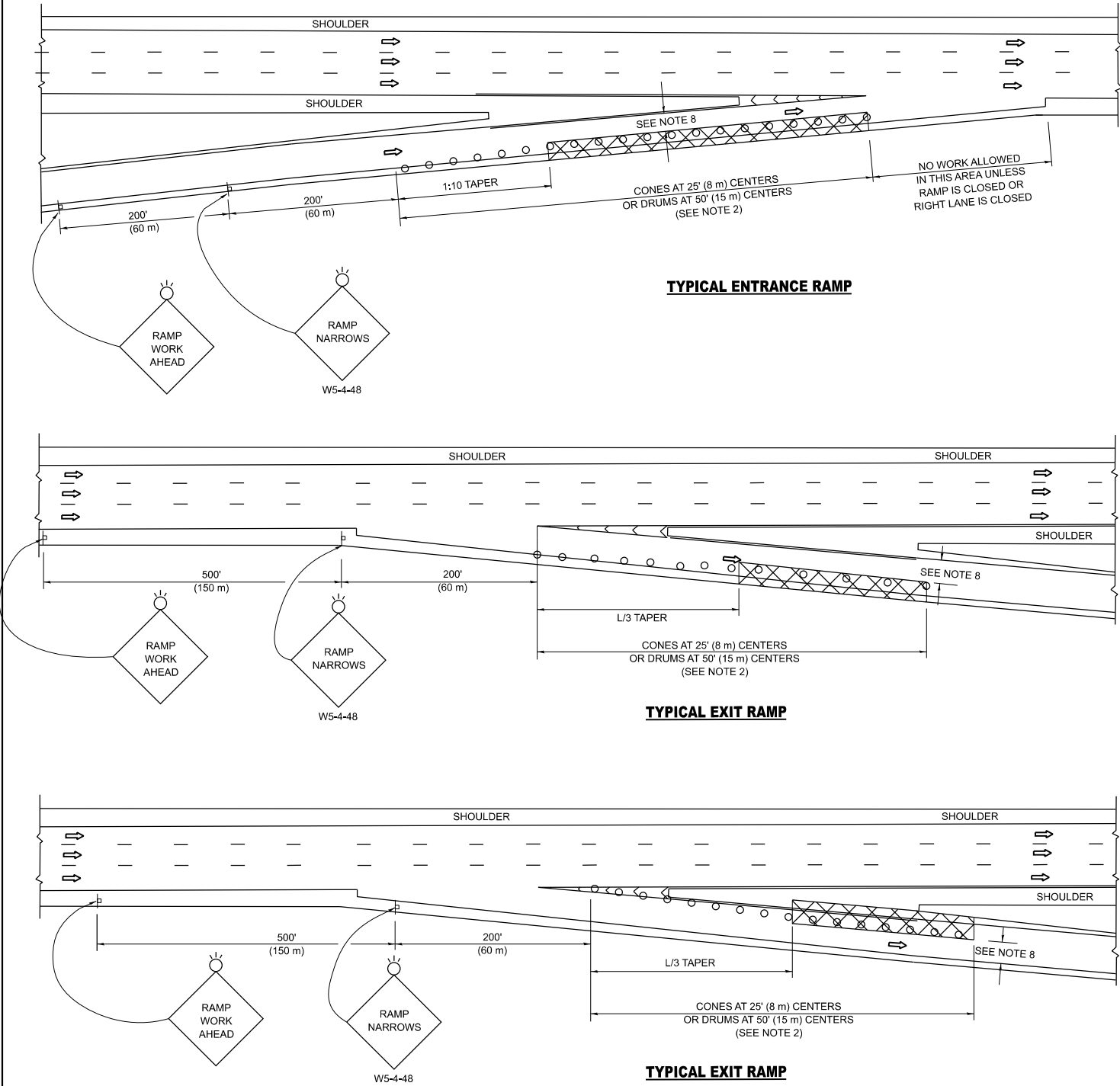
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	11
TC-10		CONTRACT NO. 62Y33		
		ILLINOIS FED. AID PROJECT		

PARTIAL RAMP CLOSURE DETAILS



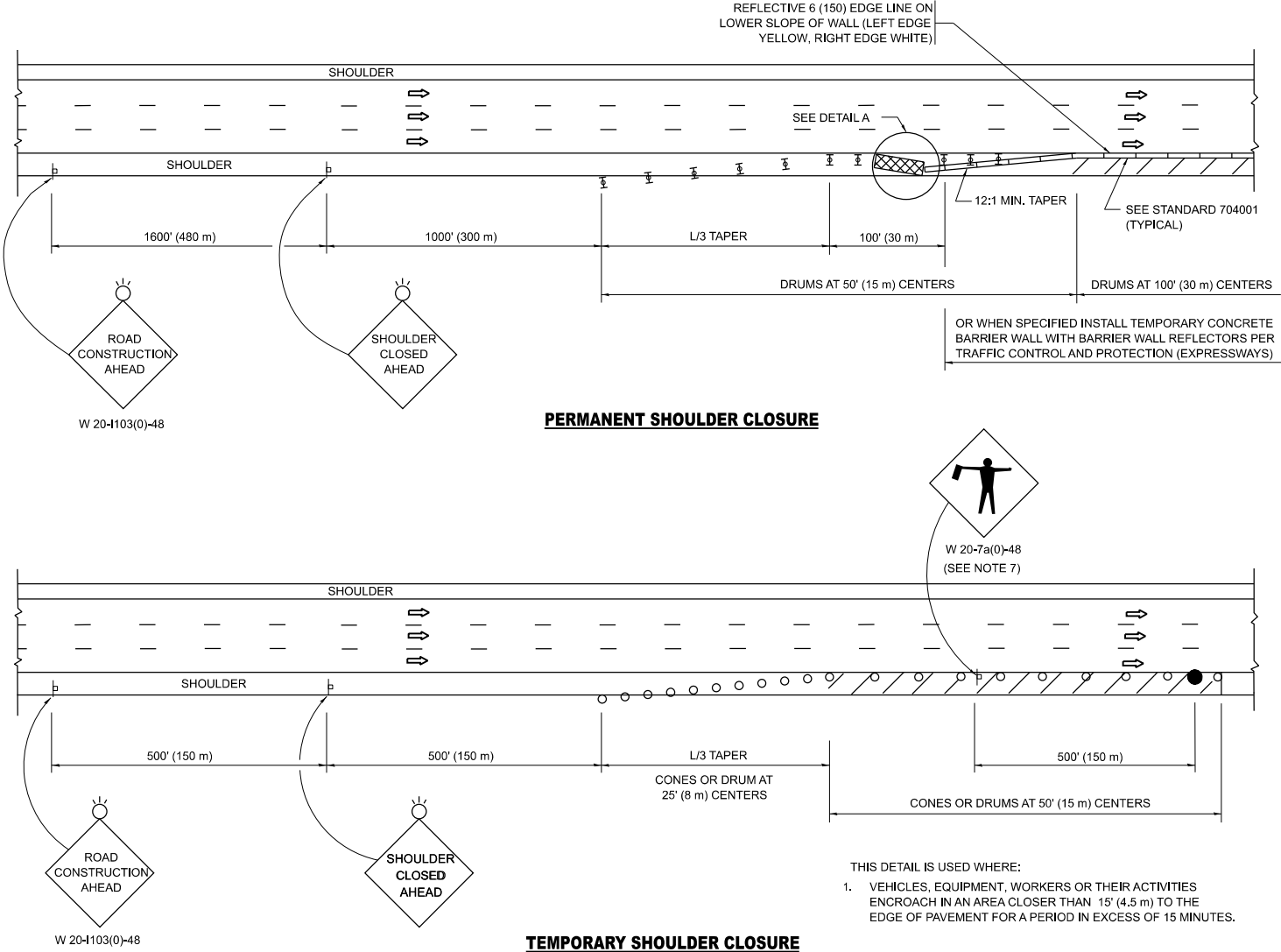
SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

- THE "L" DISTANCE EQUALS:
SPEED LIMIT FORMULAS
45 mph (80 km/h) METRIC ENGLISH
OR GREATER: $L=0.65(W)(S)$ $L=W(S)$
W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
- TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE

TEMPORARY SHOULDER CLOSURE

- THIS DETAIL IS USED WHERE:
- VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

- THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
- AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
- THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
b. THE WORK ACTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
- 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
- TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

MODEL: TC-17 [Sheet]
FILE NAME: c:\p\work\p\work\deezma\1123058-shr-Dts\Stds.dgn

	USER NAME	= rodrigo.ledezma	DESIGNED	-	M.D. 06-13
	DRAWN	-	D.W.S.		M.D. 01-18
	CHECKED	-			M.D. 10-20
	DATE	-	11-96		D.S. 05-24

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2025-1082-SG	VAR	13	12
TC-17		CONTRACT NO. 62Y33		
ILLINOIS		FED. AID PROJECT		

Diagram illustrating the shoulder section view for a mile marker installation. The diagram shows the relationship between the edge of the pavement, the mile marker, and the Type C metal post.

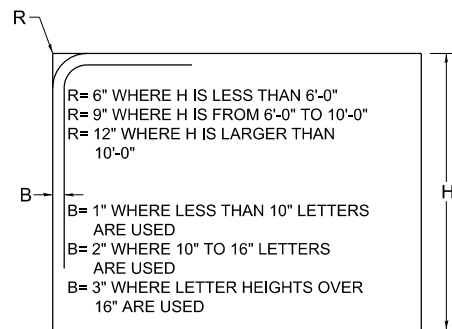
Key dimensions and components shown:

- SHOULDER SECTIONAL VIEW** (Overall view)
- EDGE OF PAVEMENT** (Reference line for offset)
- SAME AS DELINEATOR OFFSET** (Horizontal distance from pavement edge to marker)
- MILEAGE MARKER** (Rectangular sign)
- TYPE C METAL POST** (Vertical support structure)
- Vertical Dimensions (Marker Height):**
 - 9'-0" (3 DIGIT)
 - 8'-0" (2 DIGIT)
 - 7'-0" (1 DIGIT)
- 4'-0"** (Dimension for the base of the post)

Technical drawings of a rectangular sign. The front view (left) shows a sign with the text "MILE 135 1" and dimensions A, B, D, E, F, G, and 0.5". The side view (right) shows the sign's profile with dimensions D, F, E, and B. The sign has a double border and a small square at the bottom left.

SIGN SIZE	SERIES					BORDER	BLANK STD.
	LINES						
	1	2	3	4	5		
12 x 24	4C	8D	4C	N/A	N/A	0.5	B9-1224
12 x 36	4C	8D	8D	4C	N/A	0.5	B9-1236
12 x 48	4C	8D	8D	8D	4C	0.5	B9-1248

BORDER AND RADIUS LAYOUT

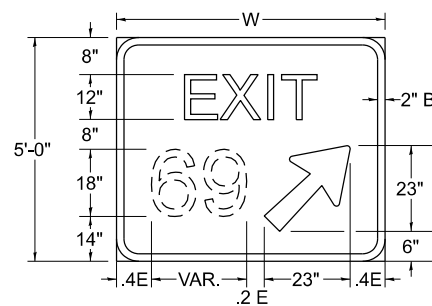


The diagram illustrates a cross-section of a two-lane highway. The left side shows the 'EDGE OF PAVEMENT' and a sloped embankment. The right side shows the highway lanes. Key dimensions are labeled: 'HORIZONTAL OFFSET' (the distance from the edge of pavement to the centerline), 'W' (the total width of the highway), 'A' (the horizontal distance from the centerline to the edge of the travel lane), 'B' (the width of the travel lane), and 'L1' and 'L2' (the vertical clear heights from the ground level to the bottom of the overpass structure). The ground level is indicated by a dashed line, and the overpass structure is shown with cross-hatching.

"L₁ IS THE LENGTH OF SUPPORT, NOT INCLUDING THE STUB PROJECTION, CLOSEST TO THE EDGE OF THE PAVEMENT.

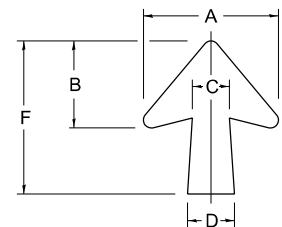
"A" IS THE DISTANCE FROM THE SIGN
EDGE TO THE CENTERLINE OF THE NEAREST
SUPPORT. "B" IS THE DISTANCE BETWEEN
CENTERLINES OF SUPPORTS.

Diagram illustrating the shoulder joint and the distance from the center of the shoulder to the edge of the shoulder. The diagram shows a vertical line representing the shoulder joint, with a horizontal line indicating the distance from the center of the shoulder to the edge of the shoulder. The distance is labeled as d . The edge of the shoulder is labeled "EDGE OF SHOULDER". A vertical dimension of 5'-0" is indicated on the right side of the diagram.

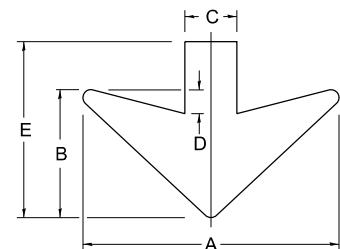

$$E = \text{WIDTH} - \text{VAR.} - 23''$$

A diagram of a stylized arrow pointing upwards. The arrow has a triangular head and a rectangular tail. The dimensions are labeled as follows: A is the width of the arrowhead at its base; B is the height of the arrowhead; C is the width of the arrowhead at its base; D is the width of the arrow tail at its base; E is the height of the arrow tail; and F is the total height of the arrow from the base of the tail to the tip of the head.

NOTE: D & F ARE RECOMMENDED DIMENSIONS. TAPER SHOULD BE HELD CONSTANT FOR LONGER OR SHORTER SHAFT LENGTHS



DOWN ARROWS



ARROW SYMBOL	A	B	C	D	E	R
16 ½ x 24	24	12	5	1 ½	16 ½	¾
22 x 32	32	16	6 ½	3	22	1