

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

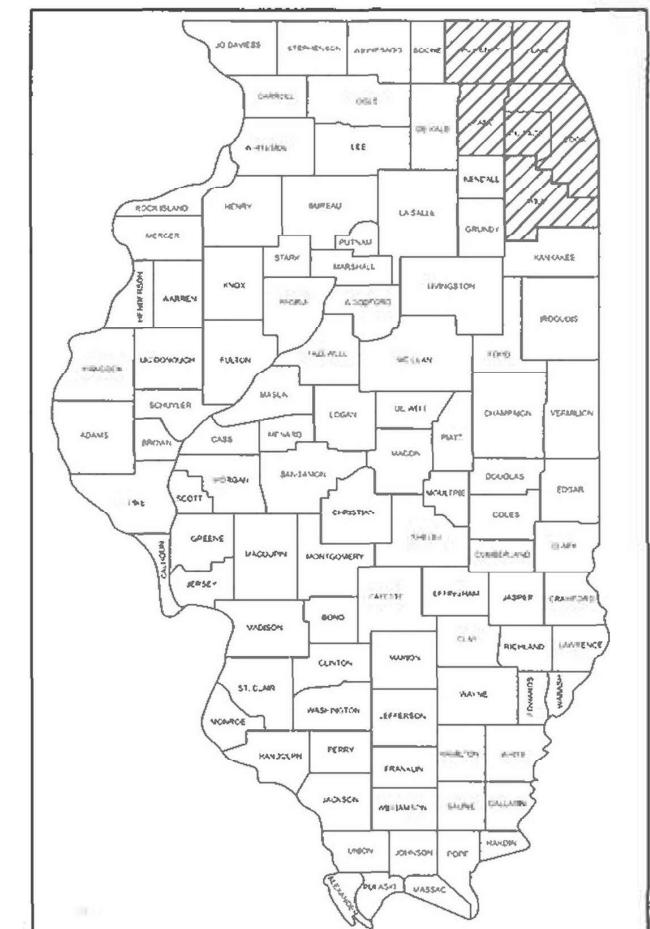
ROUTE: VARIOUS EXPRESSWAYS AND ARTERIAL
HIGHWAYS - DISTRICT ONE
SECTION 2025-1078-FNC
FENCE REPAIR
COUNTY: VARIOUS

C-91-233-25

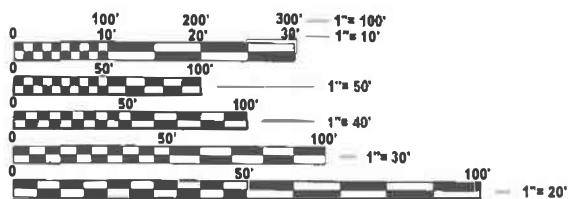
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FNC	ILLINOIS	22	1

**VARIOUS *COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

D-91-156-25



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

SEE LOCATION MAPS
SHEETS 4 THRU 12

PROJECT ENGINEER: OSCAR OLIVEROS
PROJECT MANAGER: JACEK EJMONT

(847) 705-4548
(847) 705-4641

CONTRACT NO. 62Y37

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	
SUBMITTED	Dec 15 2025 Jose Rios 1R
REGIONAL ENGINEER	
January 23	2026 S. E. E. J. E. M. 5
ENGINEER OF DESIGN AND ENVIRONMENT	
January 23	2026 J. M. 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION	

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

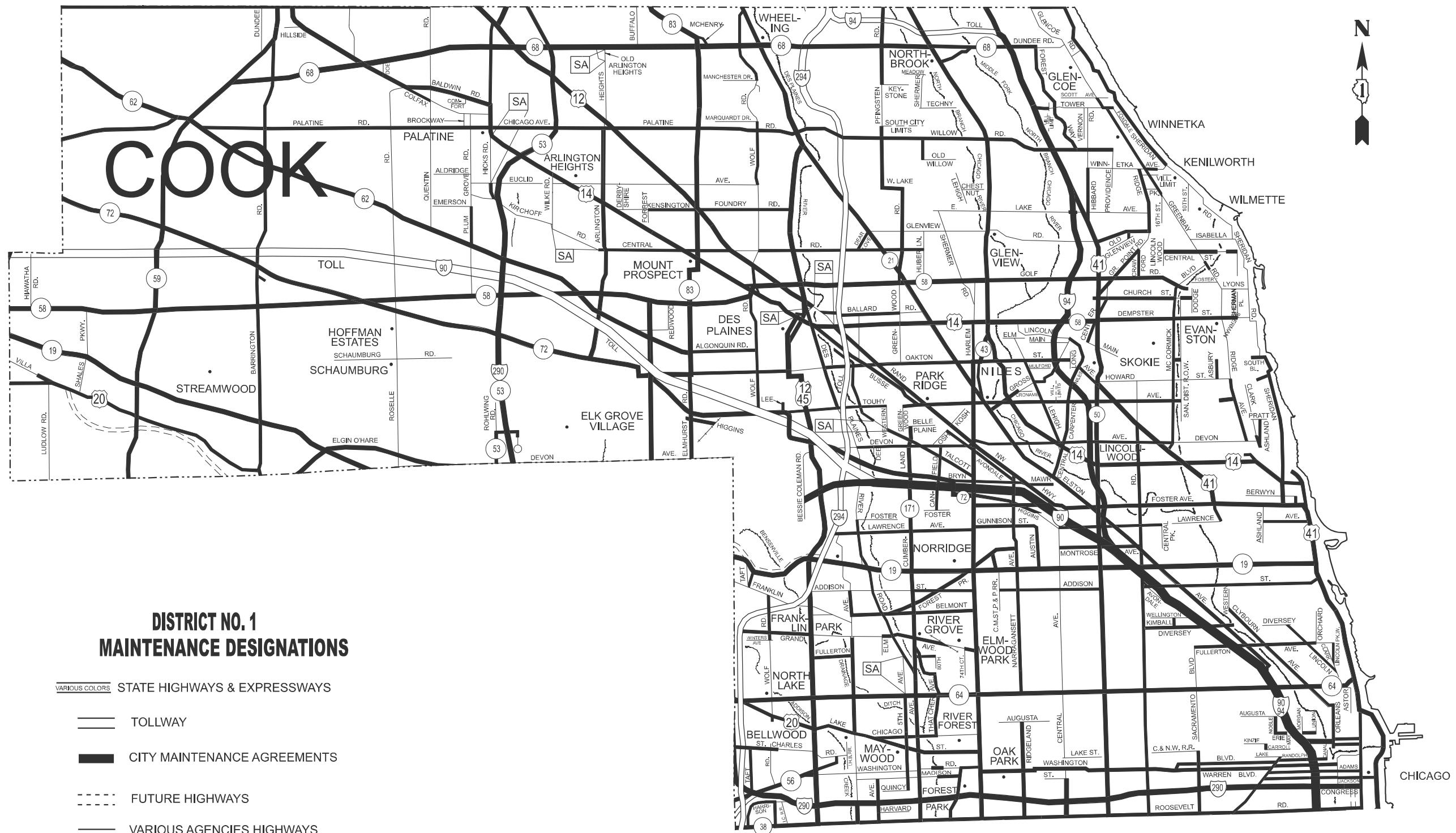
INDEX OF SHEETS	GENERAL NOTES	STATE STANDARDS	DESCRIPTION
1 COVER SHEET		664001 - 02	CHAIN LINK FENCE
2 INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES		665001 - 02	WOVEN WIRE FENCE
3 SUMMARY OF QUANTITIES		* 701001 - 02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
4 FENCE REPAIR LOCATION MAP COOK COUNTY (NORTH OF ILL 38)	1. BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES. 48-HOUR NOTIFICATION IS REQUIRED.	665001 - 02	WOVEN WIRE FENCE
5 FENCE REPAIR LOCATION MAP COOK COUNTY (SOUTH OF ILL 38)	*2. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 FOR EXPRESSWAYS AND KALPANA.KANNAN-HOSADURGA@ILLINOIS.GOV FOR ARTERIALS. A MINIMUM OF (72) HOURS IN ADVANCE OF BEGINNING WORK.	* 701006 - 05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24' FROM PAVEMENT EDGE
6 FENCE REPAIR LOCATION MAP DUPAGE COUNTY (NORTH OF ILL 38)	3. THE CONTRACTOR SHALL SUBMIT ALL DAILY LANE, RAMP, AND SHOULDER CLOSURES VIA WWW.IDOTLCS.COM AT LEAST (24) HOURS IN ADVANCE OF ALL DAILY LANE, AND RAMP AND SHOULDER CLOSURES. THE CONTRACTOR SHALL REQUEST AND GAIN THE APPROVAL FROM THE ILLINOIS DEPARTMENT OF TRANSPORTATION'S EXPRESSWAY TRAFFIC OPERATIONS ENGINEER AT (847) 705-4151 OR (847) 705-4155.	* 701101 - 05	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
7 FENCE REPAIR LOCATION MAP DUPAGE COUNTY (SOUTH OF ILL 38)		* 701106 - 02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
8 FENCE REPAIR LOCATION MAP KANE COUNTY (NORTH OF ILL 38)		* 701201 - 05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS ≥ 45 MPH
9 FENCE REPAIR LOCATION MAP KANE COUNTY (SOUTH OF ILL 38)		* 701301 - 04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
10 FENCE REPAIR LOCATION MAP WILL COUNTY		* 701306 - 04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 45 MPH
11 FENCE REPAIR LOCATION MAP LAKE COUNTY		* 701311 - 03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS – DAY ONLY
12 FENCE REPAIR LOCATION MAP MCHENRY COUNTY		* 701336 - 07	LANE CLOSURE, 2L, 2W, WORK AREAS IN SERIES, FOR SPEEDS ≥ 45 MPH
13 DETAILS OF PEDESTRIAN BARRIER TYPE III (STD. 10-SS-514R)		* 701400 - 12	APPROACH TO LANE CLOSURE, FREEWAY / EXPRESSWAY
14 CHAIN LINK FENCE (STD 10-SS-506B)		* 701401 - 13	LANE CLOSURE, FREEWAY / EXPRESSWAY
15 CHAIN LINK FENCE POST SLEEVE REPAIR DETAIL		* 701411 - 09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS ≥ 45 MPH
16 PROPOSED PEDESTRIAN BARRIER AND CHAIN LINK FENCE WITH TENSION WIRE AND FENCE RAIL REMOVAL		* 701421 - 08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS ≥ 45 MPH TO 55 MPH
17 SPECIAL FENCE DETAILS		* 701426 - 09	LANE CLOSURE, MULTILANE, INTERMITTENT OF MOVING OPERATONS, FOR SPEEDS ≥ 45 MPH
18 ENTRANCE AND EXIT RAMP CLOSURE DETAILS (TC-08)		* 701427 - 05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATIONS, FOR SPEEDS ≤ 40 MPH
19 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS AND DRIVEWAYS (TC-10)		* 701428 - 01	TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY / EXPRESSWAY
20 TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)		* 701501 - 06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
21 TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURE AND PARTIAL RAMP CLOSURES (TC-17)		* 701502 - 09	URBAN LANE CLOSURE, 2L, 2W, WITH BIDIRECTIONAL LEFT TURN LANE
22 FREEWAY / EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS ON FREEWAYS / EXPRESSWAYS (TC-18)		* 701601 - 09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON-TRaversable MEDIAN
		* 701602 - 10	URBAN LANE CLOSURE, MULTILANE, 2W WITH BI-DIRECTIONAL LEFT TURN LANE
		* 701606 - 10	URBAN SINGLE LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
		701701 - 10	URBAN LANE CLOSURE, MULTILANE INTERSECTION
		701801 - 06	SIDEWALK, CORNER OR CROSSWALK CLOSURE
		701901 - 11	TRAFFIC CONTROL DEVICES

* MOVING LANE CLOSURES WILL NOT BE PERMITTED ON EXPRESSWAYS

USER NAME	DESIGNED	REVISED	DRAWN	REVISED	CHECKED	REVISED	INDEX OF SHEETS AND STATE STANDARDS, AND GENERAL NOTES			F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
							**	2025-1078-FCN	*					
USER NAME = Yuyang.Deng	DESIGNED -	REVISED -	DRAWN -	REVISED -	REVISED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	1	OF	1	1	ILLINOIS	FED. AID PROJECT
PLOT DATE = 12/15/2025	DATE -	REVISED -						STA. 0+00.00	TO STA.	0+00.00				

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021					SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE 0021				
CODE NO	ITEM	UNIT		100% STATE 0021	100% MCHD 0021				CODE NO	ITEM	UNIT		100% STATE 0021	100% MCHD 0021			
66400505	CHAIN LINK FENCE, 8'	FOOT	200	175	25				Z0042505	POST REMOVAL AND REPLACEMENT	EACH	2	1	1			
66500105	WOVEN WIRE FENCE, 4'	FOOT	3300	2968	332				Z0074000	TERMINAL POST, TYPE 1	EACH	40	36	4			
X6640100	FENCE RAIL REMOVAL	FOOT	1570	1450	120				Z0074010	TERMINAL POST, TYPE 3 SPECIAL	EACH	6	5	1			
X6640300	CHAIN LINK FENCE REMOVAL	FOOT	60	56	4												
X6640309	CHAIN LINK GATES (SPECIAL)	SQ FT	700	648	52												
X6640590	CHAIN LINK FENCE POST SLEEVE REPAIR	EACH	430	393	37												
X6640714	CHAIN LINK FABRIC, SPECIAL, 5'-0"	FOOT	45	42	3												
X6640716	CHAIN LINK FABRIC, SPECIAL, 6'-0"	FOOT	1890	1707	183												
x6640718	CHAIN LINK FABRIC, SPECIAL, 7'-0"	FOOT	10	9	1												
x6640720	CHAIN LINK FABRIC, SPECIAL, 8'-0"	FOOT	60	55	5												
X6640722	CHAIN LINK FABRIC, TYPE 1, 4'-0"	FOOT	13771	12441	1330												
X6640724	CHAIN LINK FABRIC, TYPE 3, SPECIAL	FOOT	475	437	38												
Z0020210	PULL POST ARRANGEMENT	EACH	3	2	1												
Z0033200	LINE POST, TYPE 1	EACH	595	543	52												
Z0033305	LINE POST, TYPE 3 (SPECIAL)	EACH	30	25	5												
Z0042500	POST (SPECIAL)	EACH	75	66	9												



USER NAME = thanh.vo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DRAWN -	REVISED -			**	2025-1078-FCN	*	22	4
CHECKED -	REVISED -							CONTRACT NO. 62Y37
PLOT DATE = 11/5/2025	DATE -	REVISED -	SCALE:	1	14	1		
			ILLINOIS FED. AID PROJECT					

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
COOK COUNTY NORTH OF IL. ROUTE 38





DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS

TOLLWAY

CITY MAINTENANCE AGREEMENTS

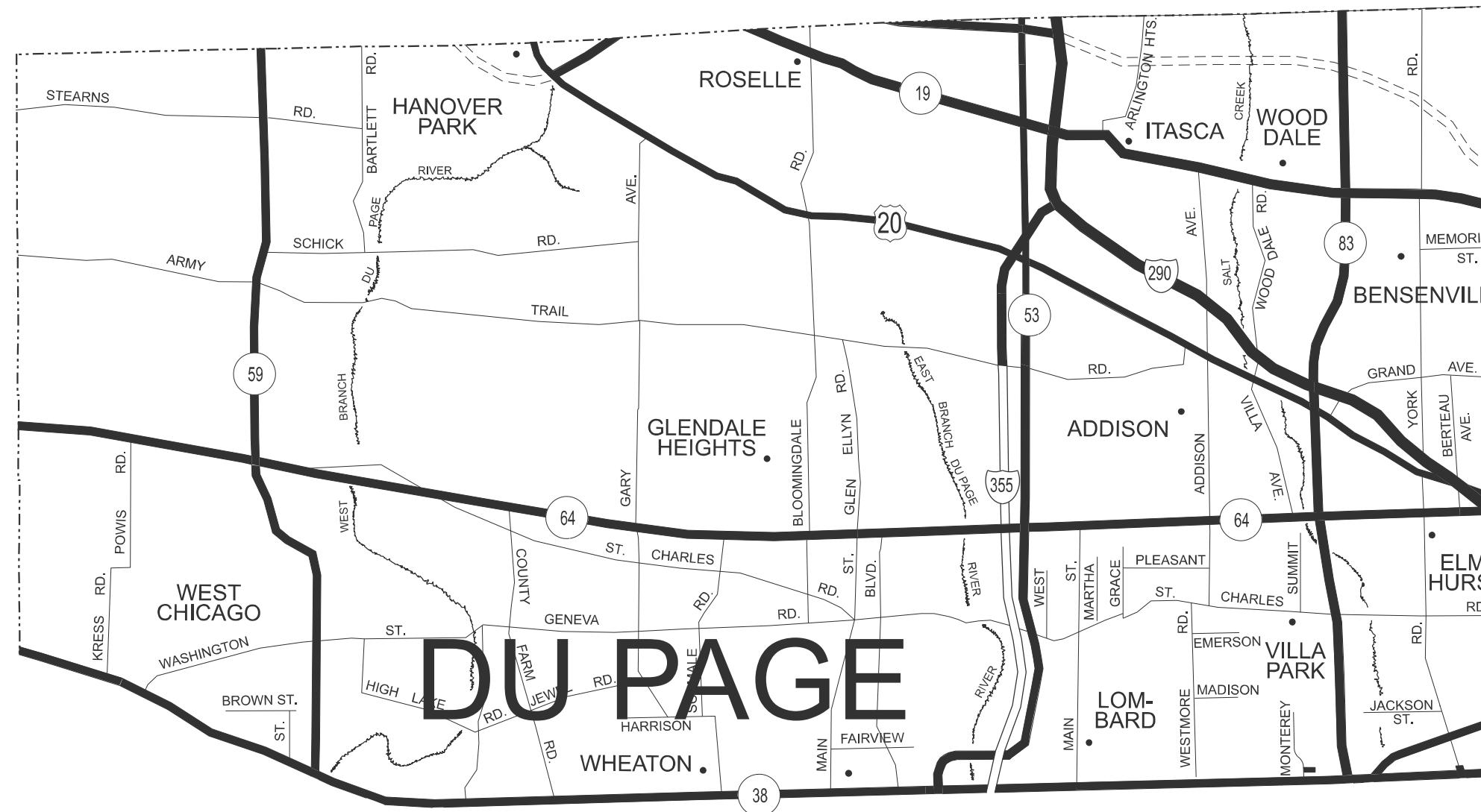
----- FUTURE HIGHWAYS

— VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP COOK COUNTY SOUTH OF IL. ROUTE 38

USER NAME = thanh.vo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	FENCE REPAIR LOCATION MAP COOK COUNTY SOUTH OF IL. ROUTE 38					F.A. RTE. **	SECTION 2025-1078-FCN	COUNTY * CONTRACT NO. 62Y37	TOTAL SHEETS 22 5	SHEET NO.					
	DRAWN -	REVISED -																
	CHECKED -	REVISED -																
	PLOT DATE = 11/6/2025	DATE -		SCALE:	SHEET 2	OF 14	SHEETS	STA. 0+00.00	TO STA. 0+00.00									
										ILLINOIS	FED. AID PROJECT							



DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

- VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS
- TOLLWAY
- CITY MAINTENANCE AGREEMENTS
- - - FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

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PLOT DATE = 11/6/2025	DATE -	REVISED -

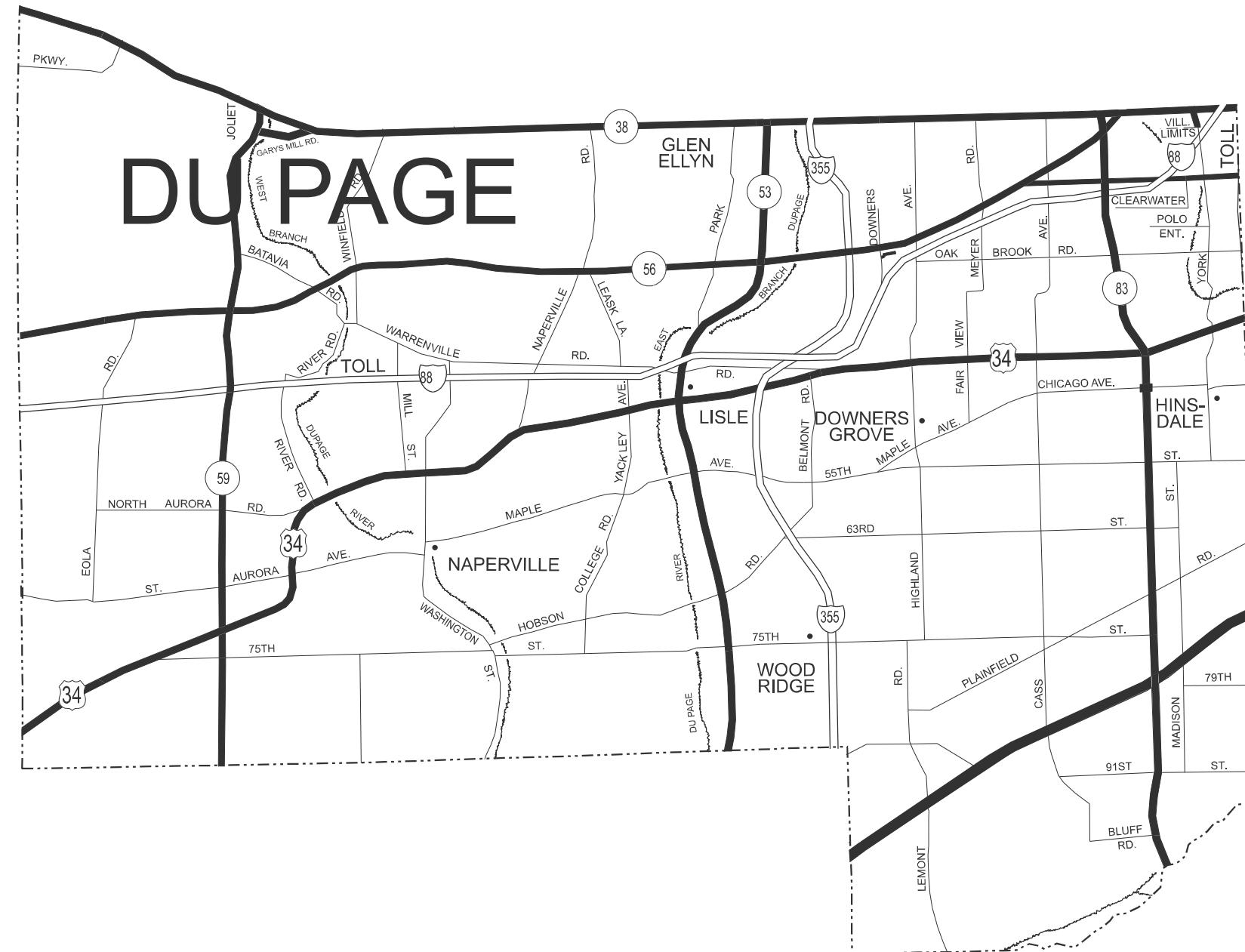
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
DUPAGE COUNTY NORTH OF IL. ROUTE 38

SCALE:	SHEET 3	OF 14 SHEETS	STA. 0+00.00	TO STA. 0+00.00
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	6

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

- STATE HIGHWAYS & EXPRESSWAYS
- TOLLWAY
- CITY MAINTENANCE AGREEMENTS
- - - FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
DUPAGE COUNTY SOUTH OF IL. ROUTE 38

SCALE: SHEET 4 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

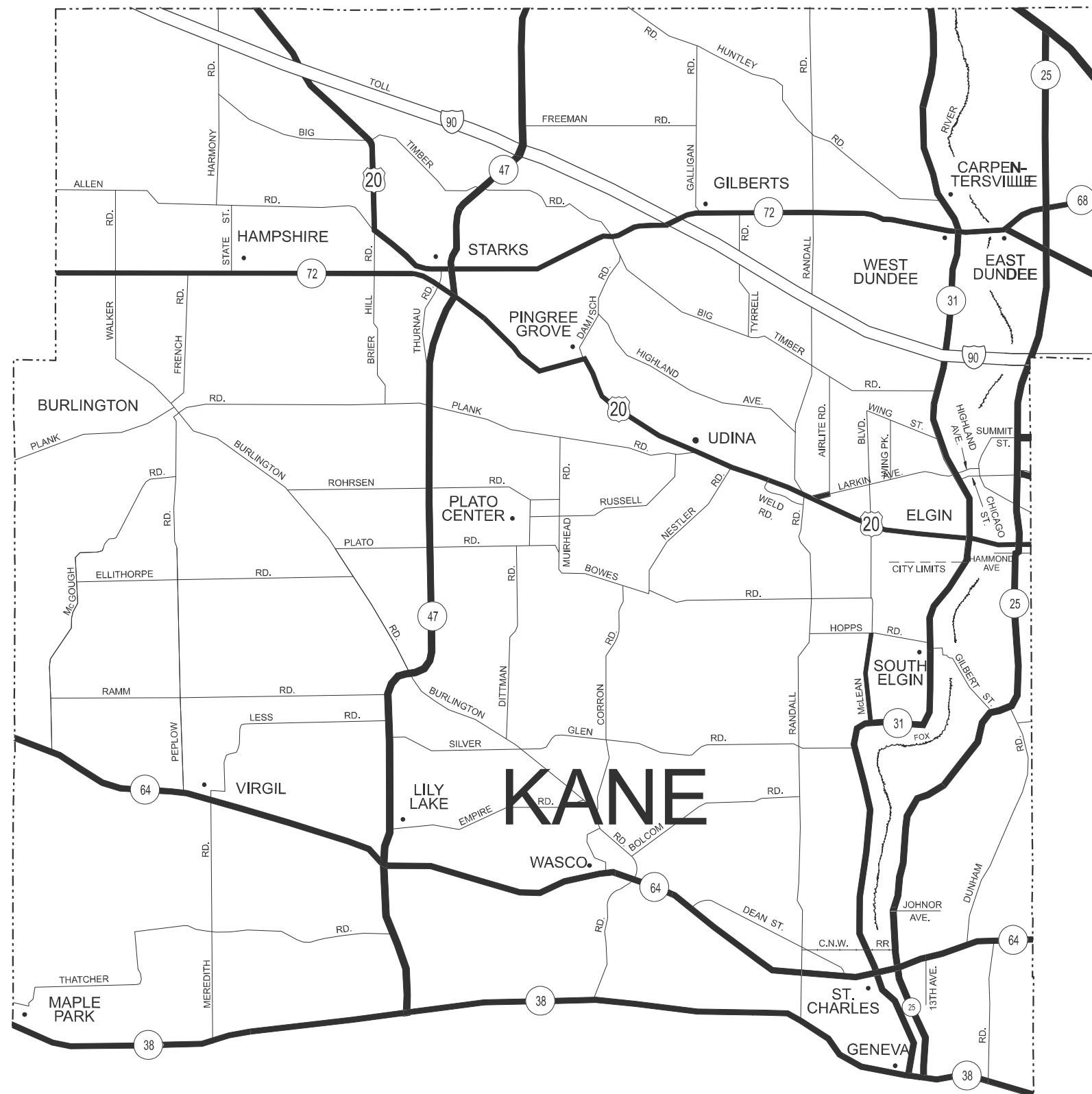
ILLINOIS FED. AID PROJECT

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

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CHECKED -	REVISED -	
PLOT DATE = 11/6/2025	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	7

CONTRACT NO. 62Y37



DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

- VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS
- TOLLWAY
- CITY MAINTENANCE AGREEMENTS
- - - FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
KANE COUNTY NORTH OF IL ROUTE 38

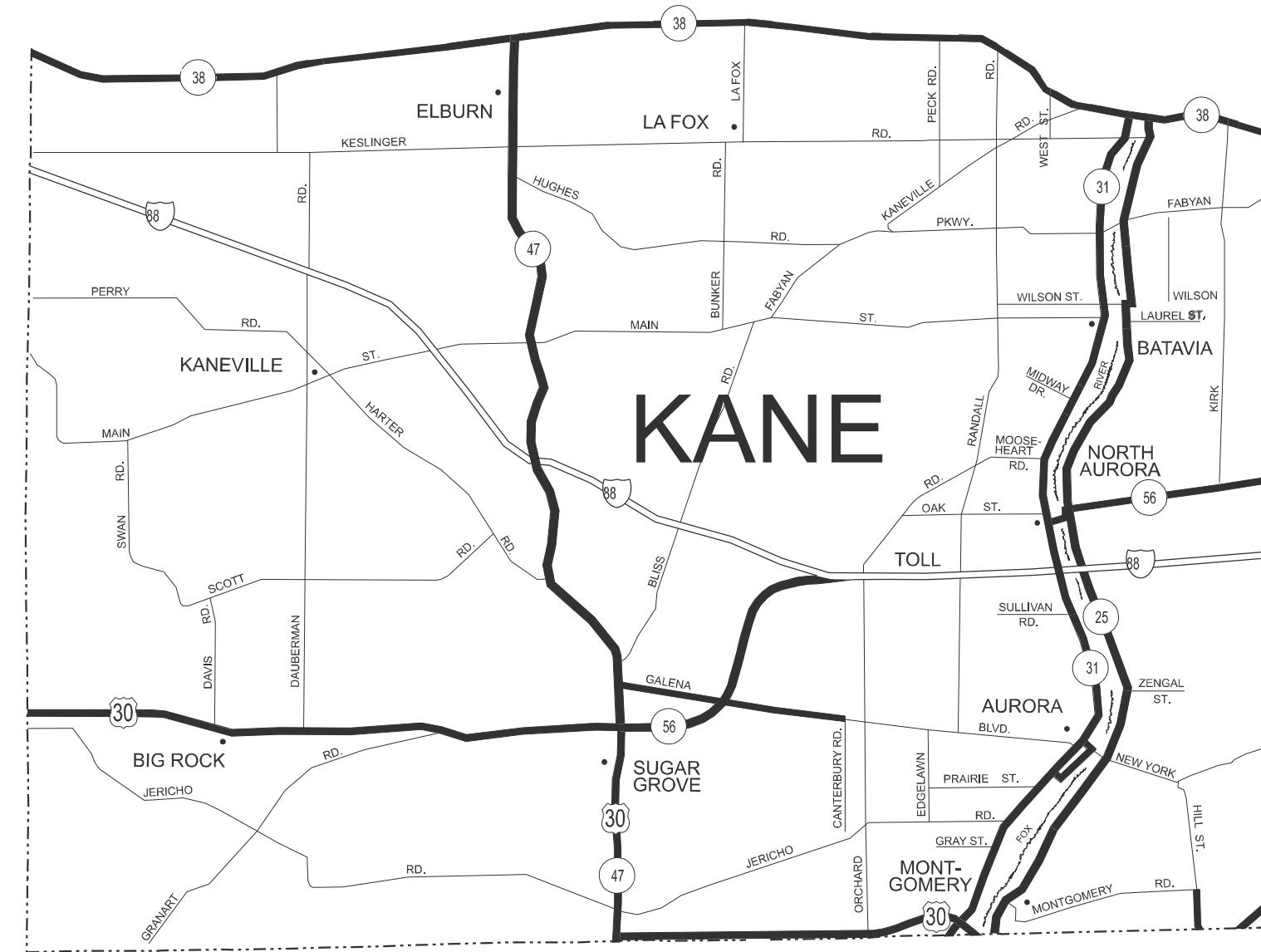
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**	2025-1078-FCN	*	22	8
				CONTRACT NO. 62Y37

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CHECKED -	REVISED -	
PLOT DATE = 11/6/2025	DATE -	REVISED -

SCALE: SHEET 5 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

- VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS
- TOLLWAY
- CITY MAINTENANCE AGREEMENTS
- - - FUTURE HIGHWAYS
- VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
KANE COUNTY SOUTH OF IL. ROUTE 38

SCALE: SHEET 6 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

ILLINOIS FED. AID PROJECT

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

USER NAME = thanh.vo	DESIGNED -	REVISED -
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PLOT DATE = 11/6/2025	DATE -	REVISED -

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	9

CONTRACT NO. 62Y37

DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

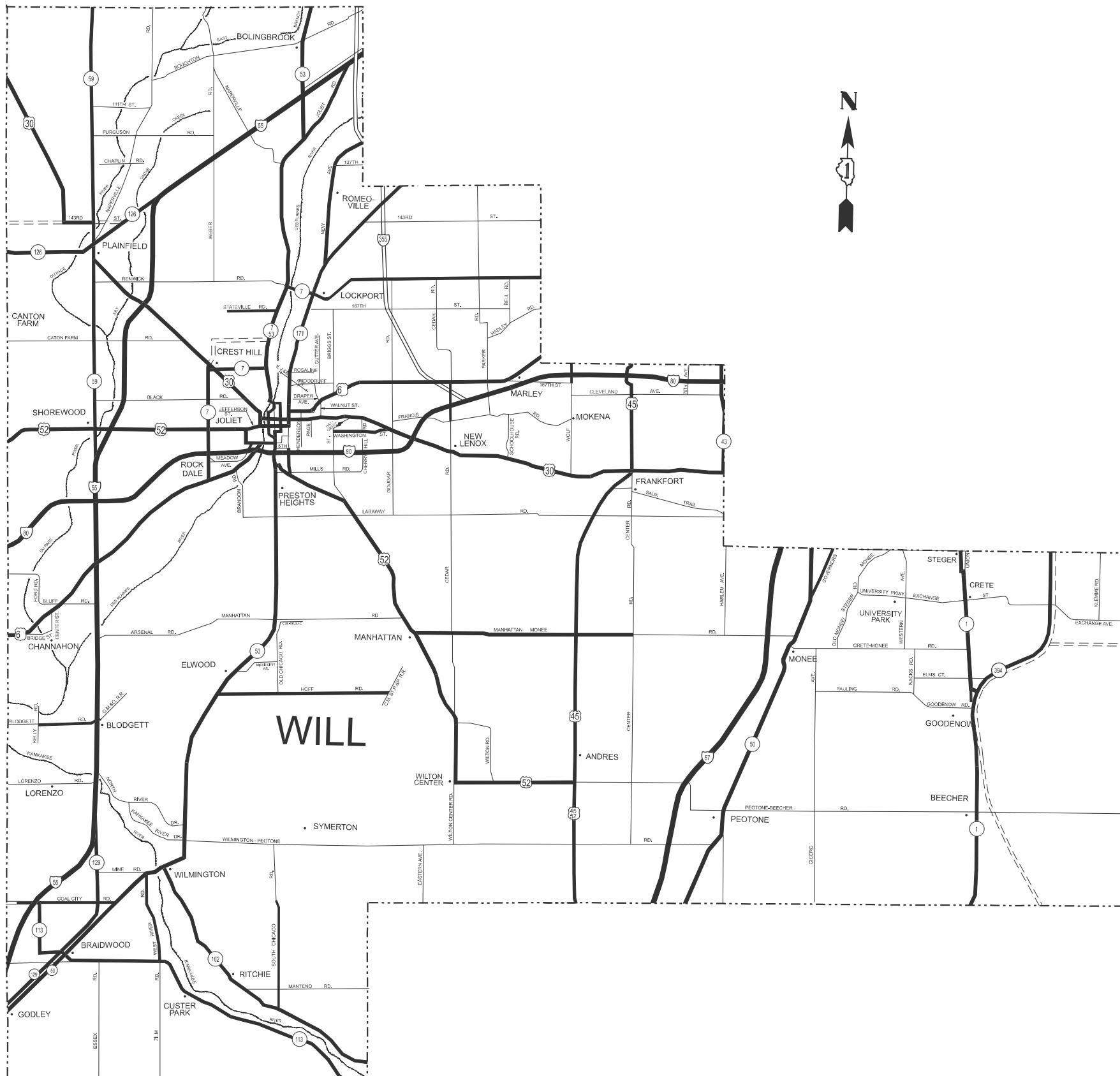
VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS

— TOLLWAY

CITY MAINTENANCE AGREEMENTS

----- FUTURE HIGHWAYS

— VARIOUS AGENCIES HIGHWAYS



MODEL: Will Map [Sheet]

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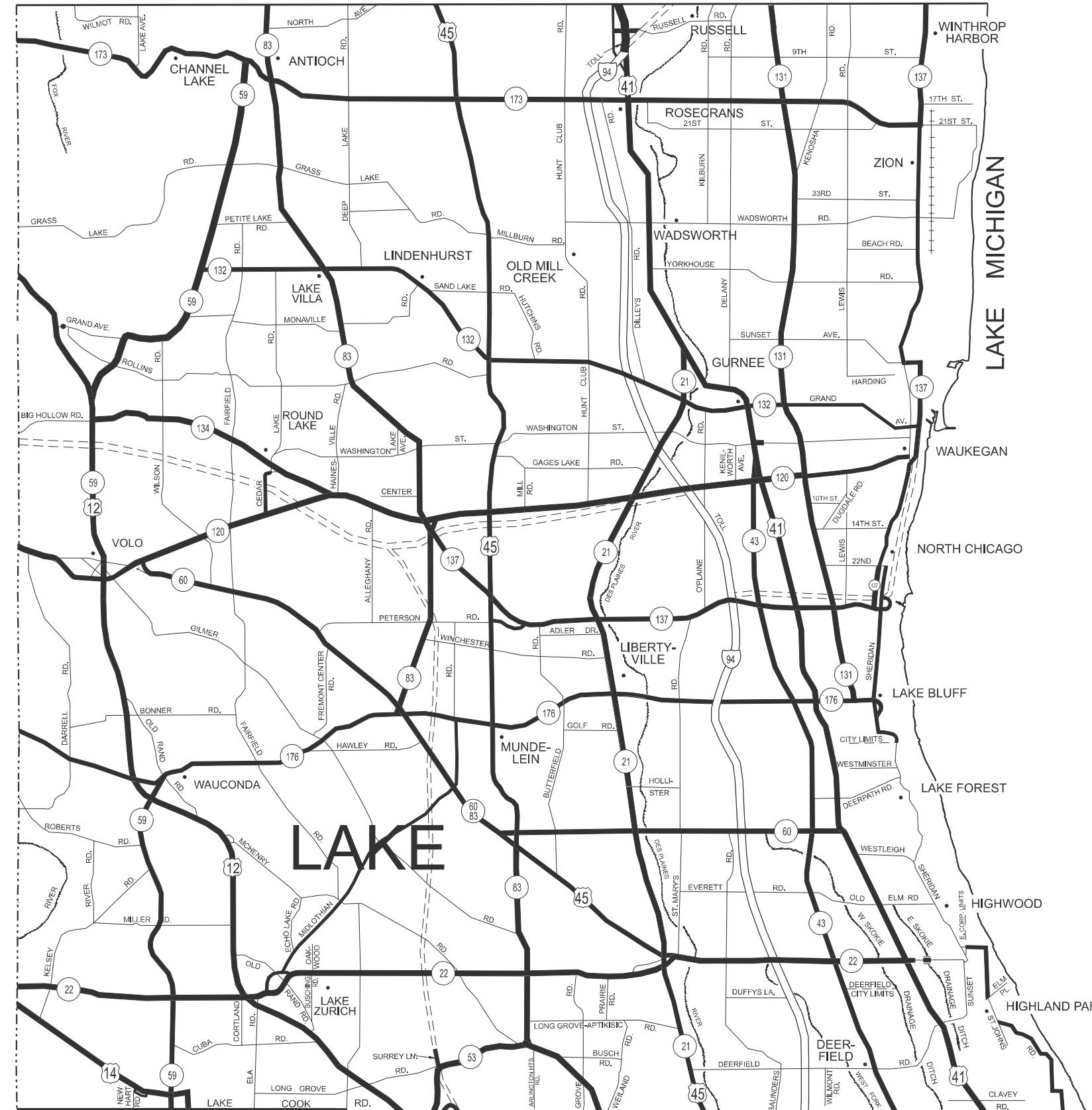
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP WILL COUNTY

FENCE REPAIR LOCATION MAP WILL COUNTY					F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					**	2025-1078-FCN	*	22	10
					CONTRACT NO. 62Y37				

**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
LAKE COUNTY

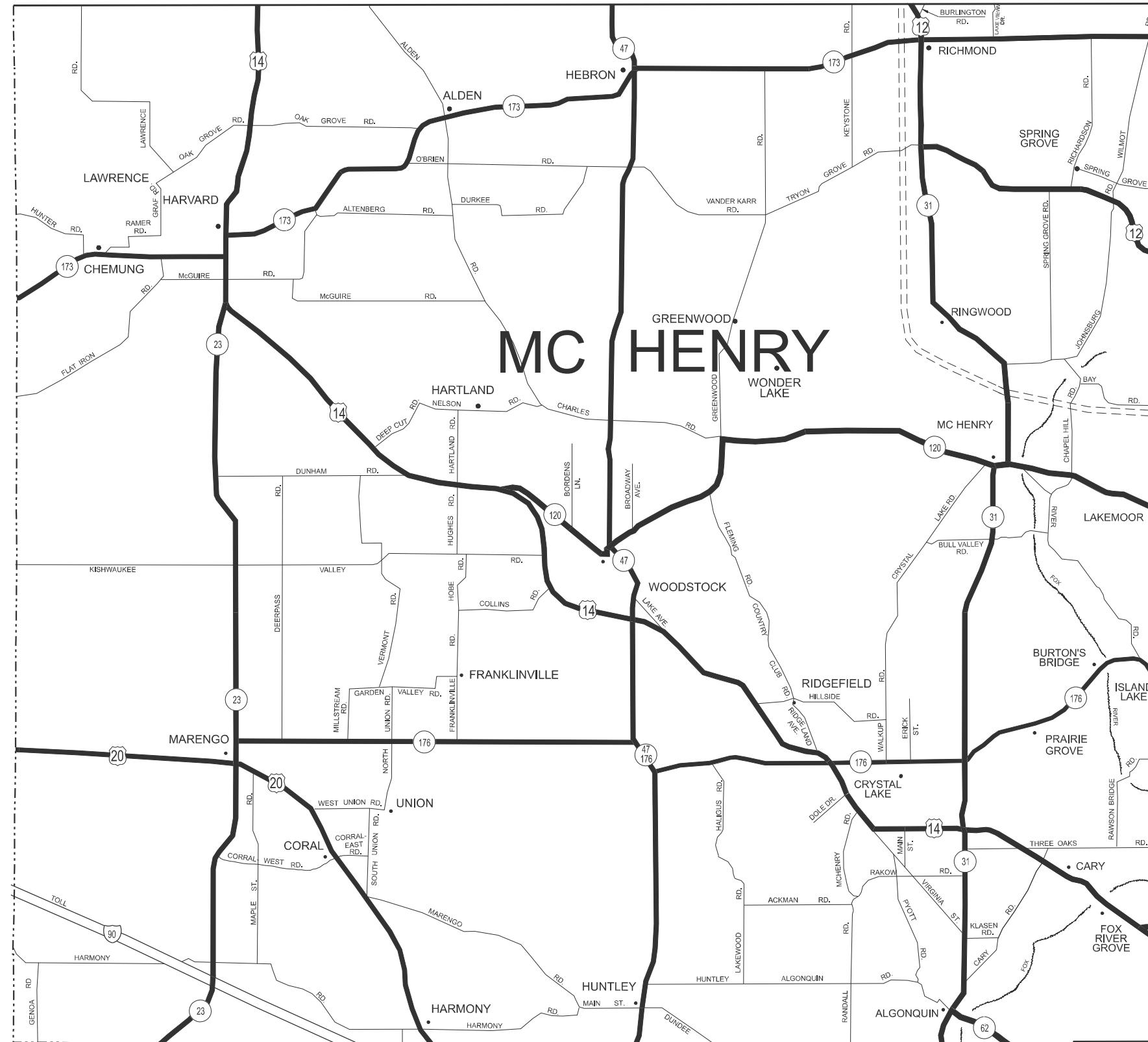
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	11

ILLINOIS FED. AID PROJECT
CONTRACT NO. 62Y37

**VARIOUS

**DISTRICT NO. 1
MAINTENANCE DESIGNATIONS**

- VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS
- SOLID BLACK TOLLWAY
- THICK BLACK CITY MAINTENANCE AGREEMENTS
- DASHED FUTURE HIGHWAYS
- THIN BLACK VARIOUS AGENCIES HIGHWAYS



DISTRICT NO. 1 MAINTENANCE DESIGNATIONS

- VARIOUS COLORS STATE HIGHWAYS & EXPRESSWAYS
- THICK BLACK LINE TOLLWAY
- THICK BLACK LINE WITH WHITE CENTER CITY MAINTENANCE AGREEMENTS
- DASHED LINE FUTURE HIGHWAYS
- THIN BLACK LINE VARIOUS AGENCIES HIGHWAYS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FENCE REPAIR LOCATION MAP
MCHENRY COUNTY

SCALE: SHEET 9 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

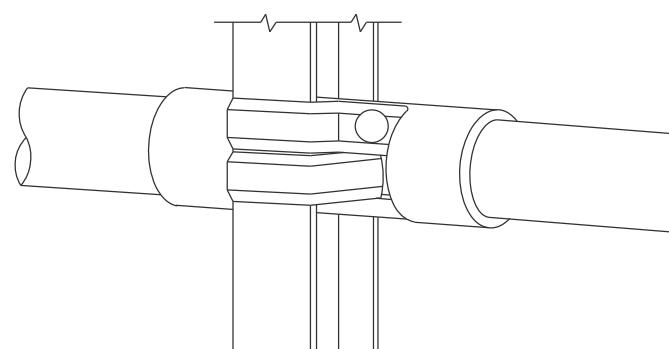
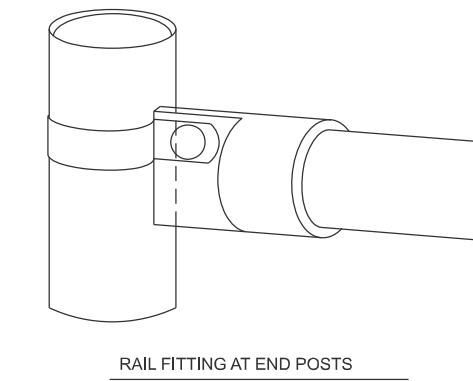
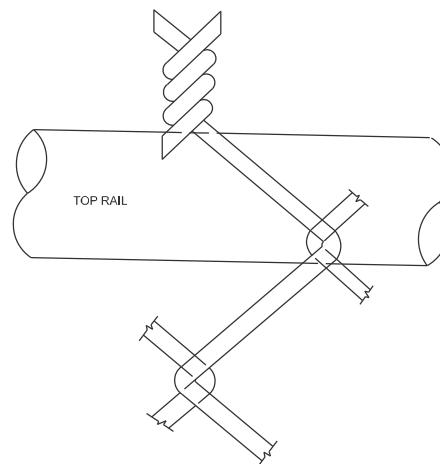
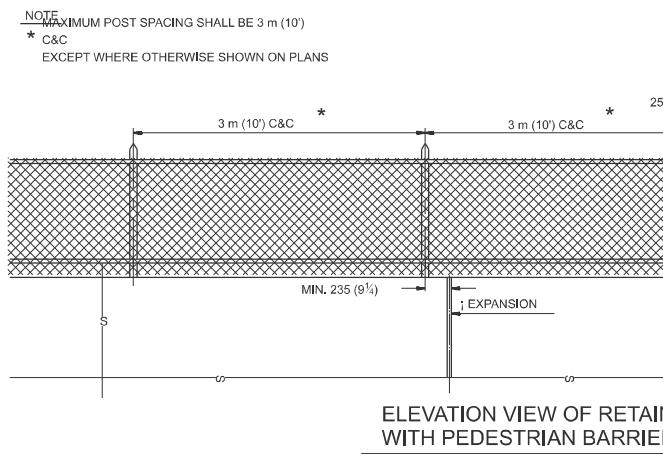
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** 2025-1078-FCN * 22 12
CONTRACT NO. 62Y37

USER NAME = thanh.vo	DESIGNED -	REVISED -
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CHECKED -	REVISED -	
PLOT DATE = 11/6/2025	DATE -	REVISED -

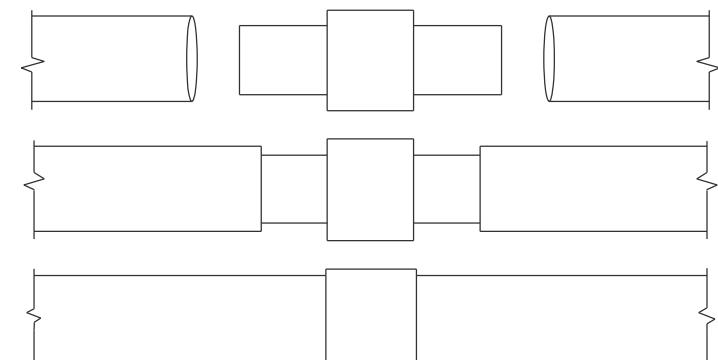
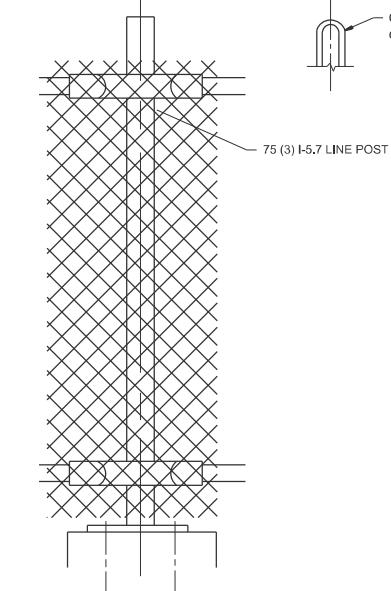
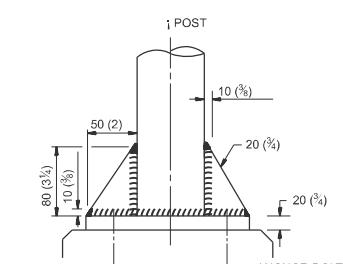
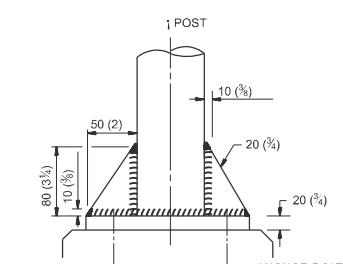
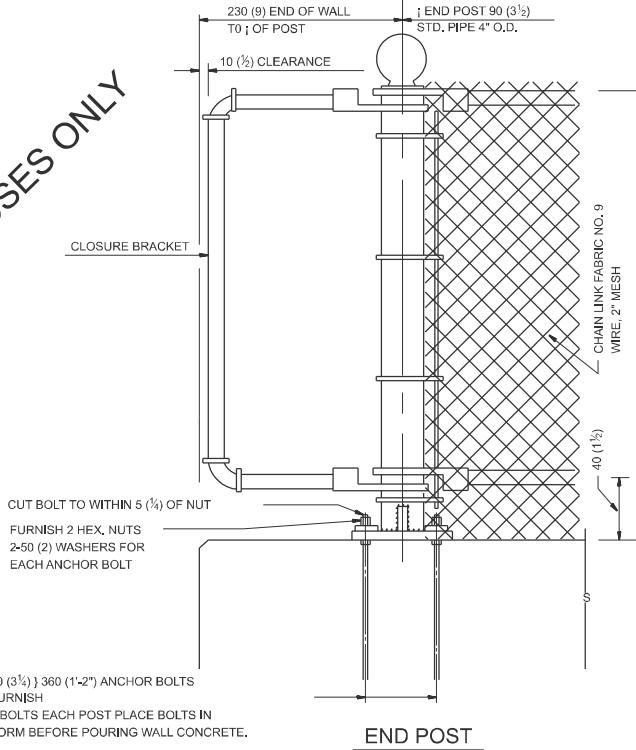
*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

ILLINOIS FED. AID PROJECT

**VARIOUS



FOR INFORMATIONAL PURPOSES ONLY



NOTE: EXP. COUPLING TO APPEAR IN TOP AND
BOTTOM RAILS
WHERE EVER EXP. JT. APPEARS IN
STRUCTURE.

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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PEDESTRIAN BARRIER TYPE III
STD. 10-SS-514 R

SCALE: SHEET 10 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

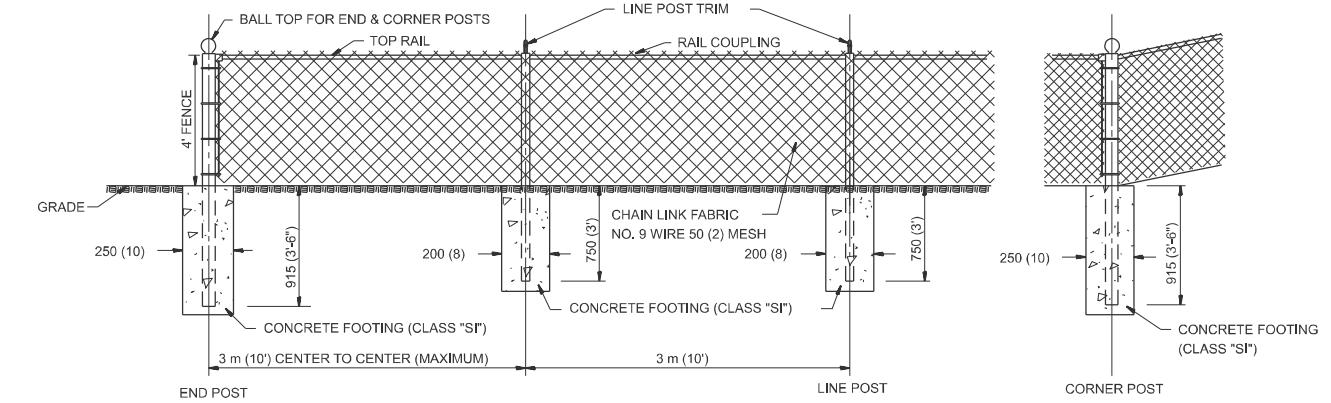
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** 2025-1078-FCN * 22 13
CONTRACT NO. 62Y37

ILLINOIS FED. AID PROJECT

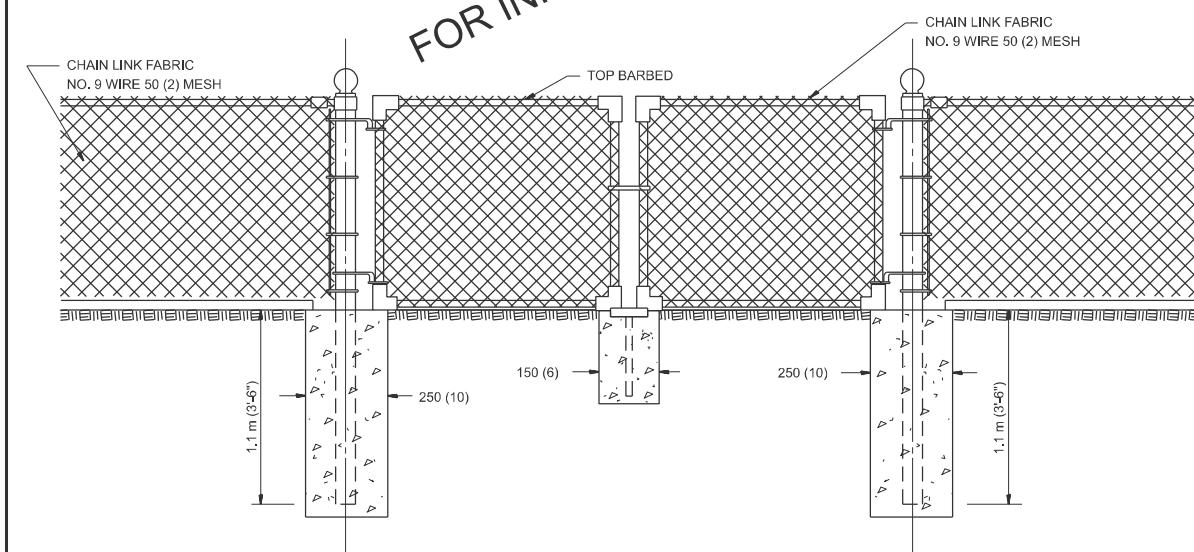
**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

USER NAME = thanh.vo	DESIGNED -	REVISED -
DRAWN -	REVISED -	
CHECKED -	REVISED -	
PLOT DATE = 11/6/2025	DATE -	REVISED -



CHAIN LINK FENCE

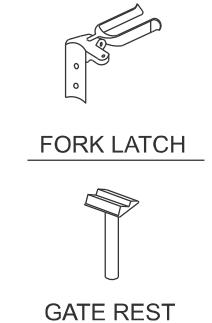


DRIVE GATE 1 m (3'7") X 3 m (10')

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

NOTE:

THE CHAIN LINK FENCE AS SHOWN HEREIN
SHALL BE CONSTRUCTED AT SUCH LOCATIONS
AS SHOWN ON PLANS AND IN ACCORDANCE
WITH THE SPECIAL PROVISIONS
THE ENGINEER SHALL ESTABLISH ALL
NECESSARY LINE AND GRADE PRIOR TO
THE ERECTION OF THE FENCE IN CONFORMANCE
WITH THE PLANS



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHAIN LINK FENCE
STD 10-SS-506 B

SCALE: SHEET 11 OF 14 SHEETS STA. 0+00.00 TO STA. 0+00.00

ILLINOIS FED. AID PROJECT

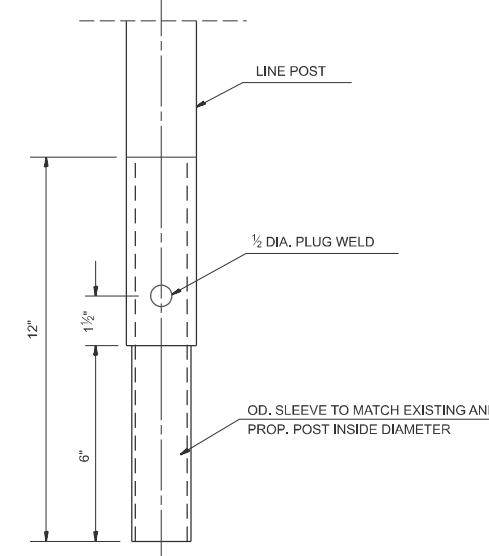
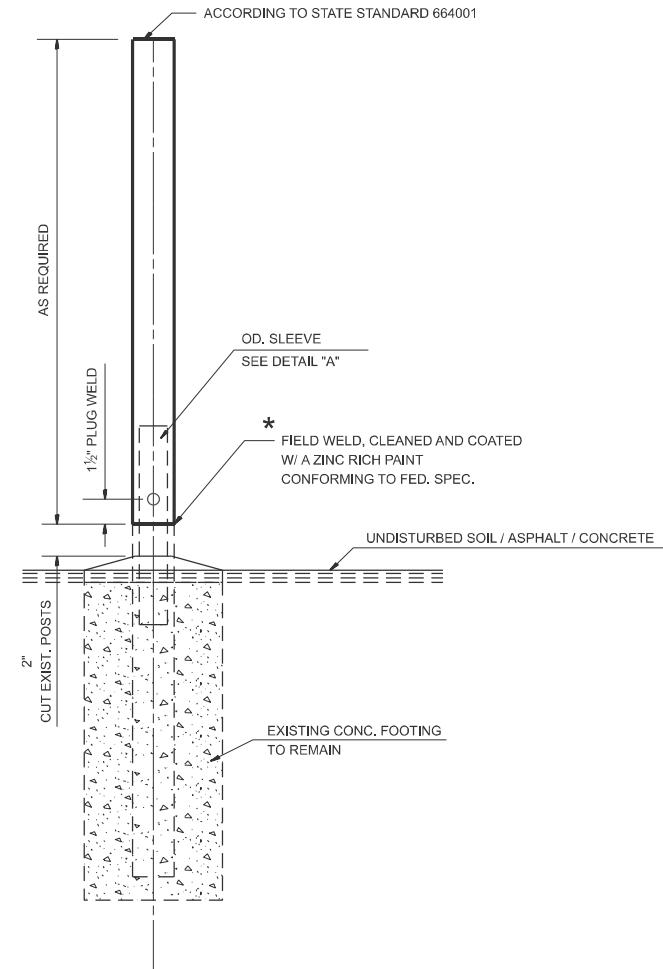
**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

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DRAWN -	REVISED -	
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PLOT DATE = 11/6/2025	DATE -	REVISED -

**VARIOUS

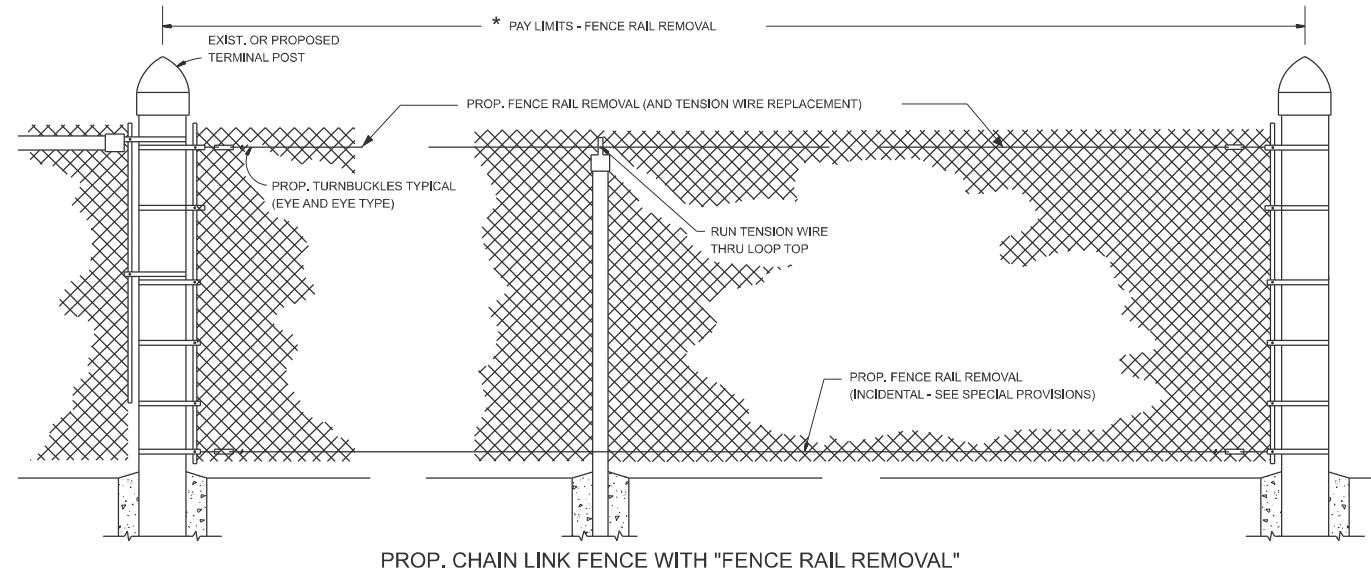
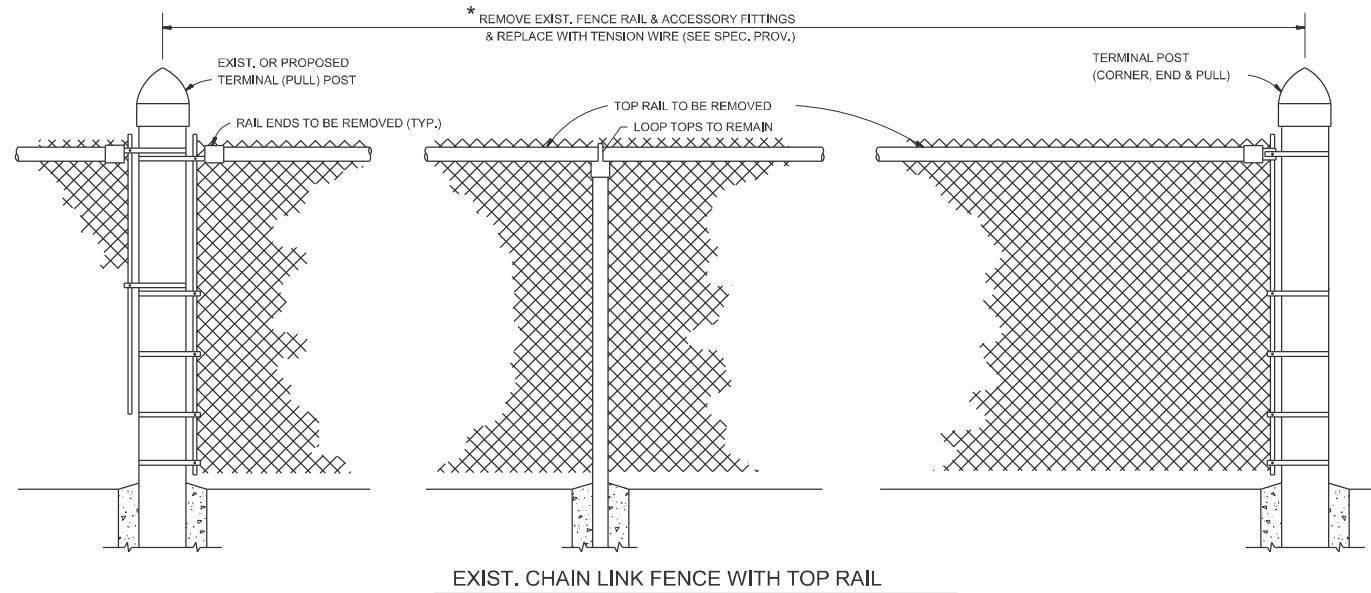
*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



SLEEVE DET. DWG
DETAIL "A"
SLEEVE DETAIL

* THIS WORK SHALL BE
INCLUDED IN THE COST OF THE PAY ITEM
"CHAIN LINK FENCE POST SLEEVE REPAIR"

USER NAME = thanh.vo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CHAIN LINK FENCE POST SLEEVE REPAIR DETAIL				F.A. RTE. **	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -		**	2025-1078-FCN	*	22	15				
	CHECKED -	REVISED -										CONTRACT NO. 62Y37
PLOT DATE = 11/6/2025	DATE -	REVISED -		SCALE:	SHEET 12	OF 14	Sheets	STA. 0+00.00	TO STA. 0+00.00	ILLINOIS	FED. AID PROJECT	**VARIOUS



GENERAL NOTES

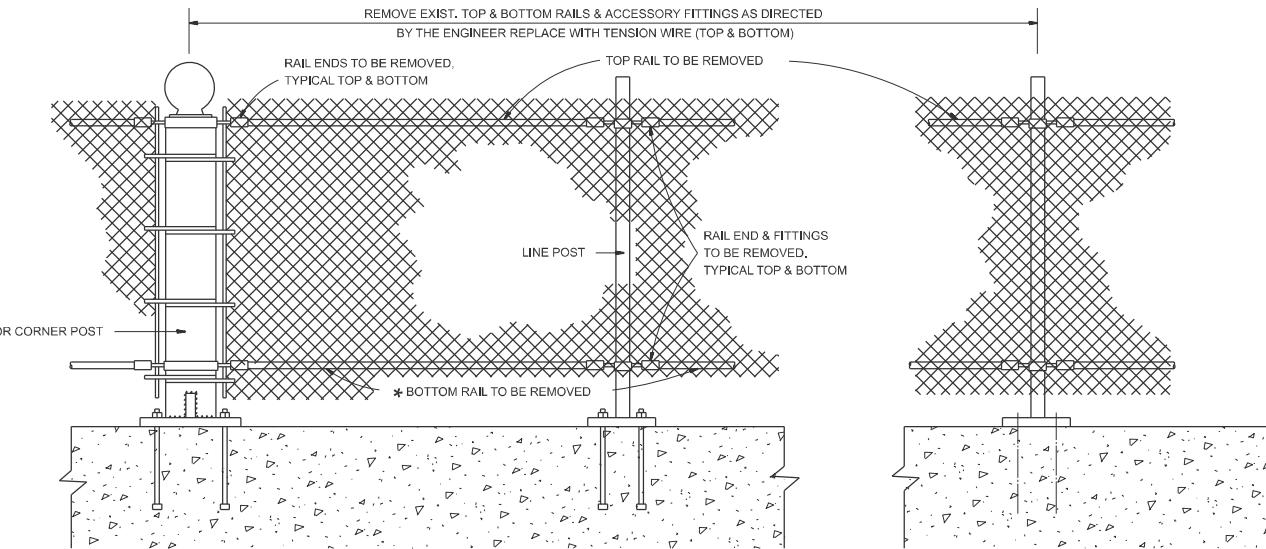
FENCE RAIL REMOVAL: THIS ITEM CONSISTS OF REMOVING EXISTING TOP OR BOTTOM RAIL, (DAMAGED OR UNDAMAGED) AND REPLACING WITH TENSION WIRE. BOTTOM TENSION WIRE SHALL BE CONSIDERED INCIDENTAL EXCEPT AT LOCATIONS OF EXISTING BOTTOM RAIL REMOVAL.

TENSION WIRE: THIS ITEM CONSISTS OF INSTALLING TENSION WIRE, TOP OR BOTTOM, WHERE TOP OR BOTTOM RAIL IS NON-EXISTENT, OR WHERE EXISTING DAMAGED TENSION WIRE IS REMOVED AND REPLACED. ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH THE

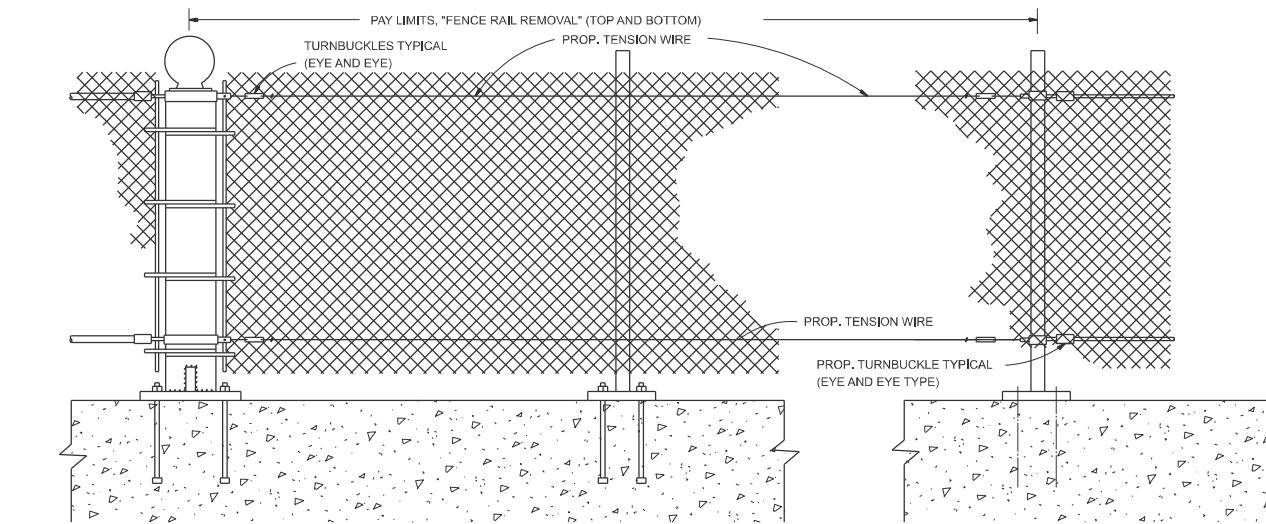
PLANS, SPECIAL PROVISIONS, STANDARD

SPECIFICATIONS AND STANDARDS FOR OTHER FENCE COMPONENT PARTS SHALL BE

MEASURED AND PAID FOR SEPARATELY AS DESCRIBED IN THE SPECIAL PROVISIONS.



EXIST. PEDESTRIAN BARRIER TYPE 3 WITH TOP AND BOTTOM RAILS



PROPOSED PEDESTRIAN BARRIER TYPE 3 WITH FENCE RAIL REMOVAL

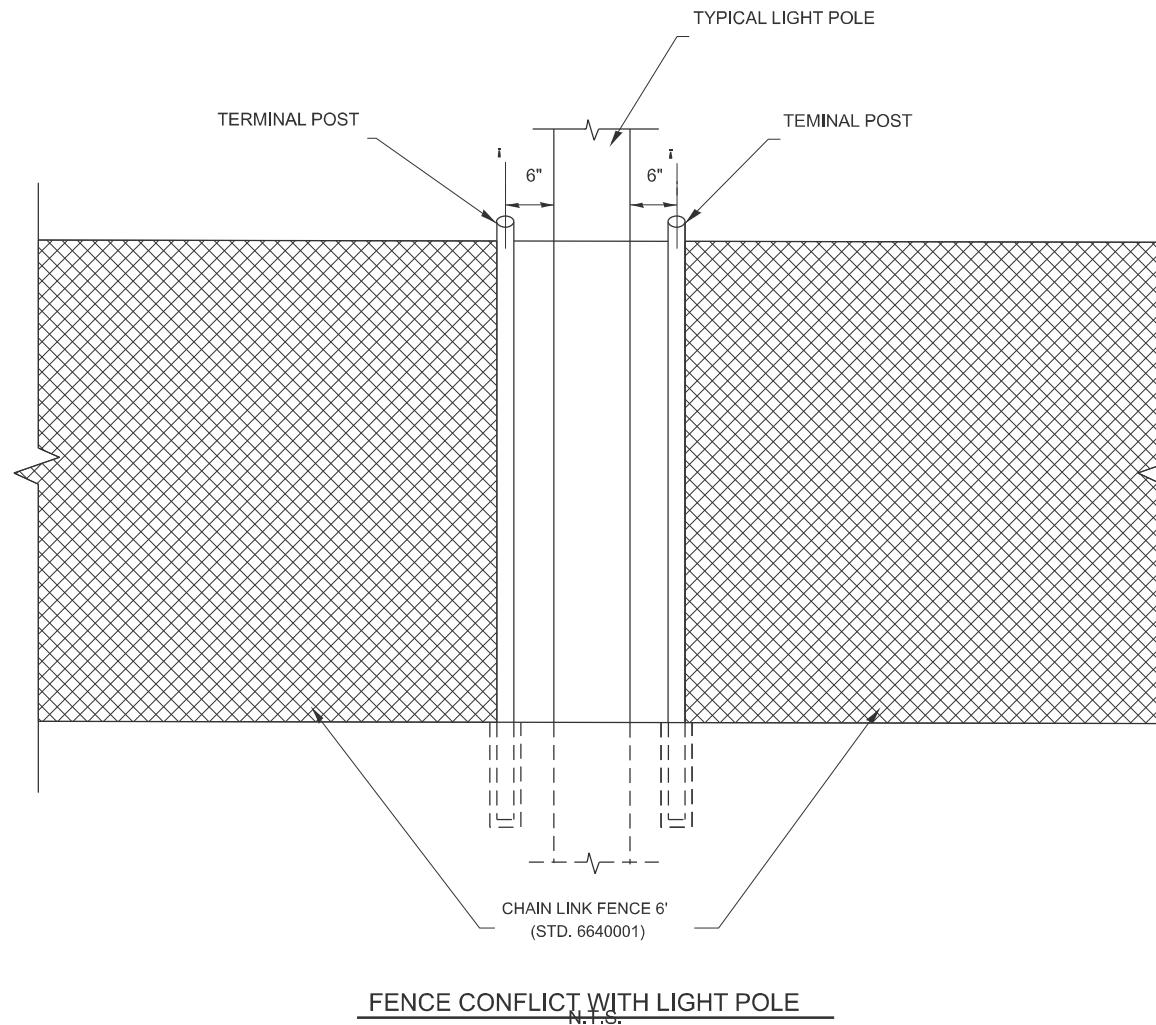
ALL DIMENSIONS ARE IN MILLIMETERS
 (INCHES)
 UNLESS OTHERWISE SHOWN.

USER NAME = thanh.vo	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
DRAWN -	REVISED -		
CHECKED -	REVISED -		
PLOT DATE = 11/6/2025	DATE -	REVISED -	PROPOSED PEDESTRIAN BARRIER AND CHAIN LINK FENCE WITH TENSION WIRE AND FENCE RAIL REMOVAL

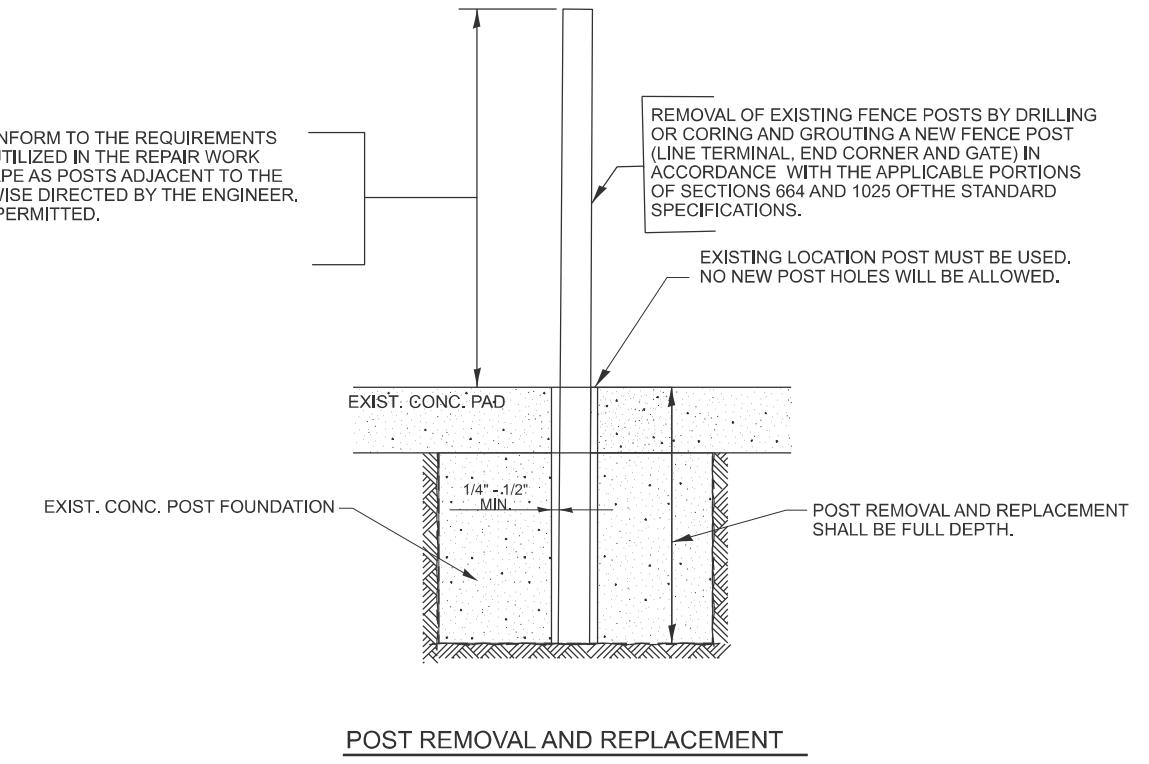
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	16
				CONTRACT NO. 62Y37

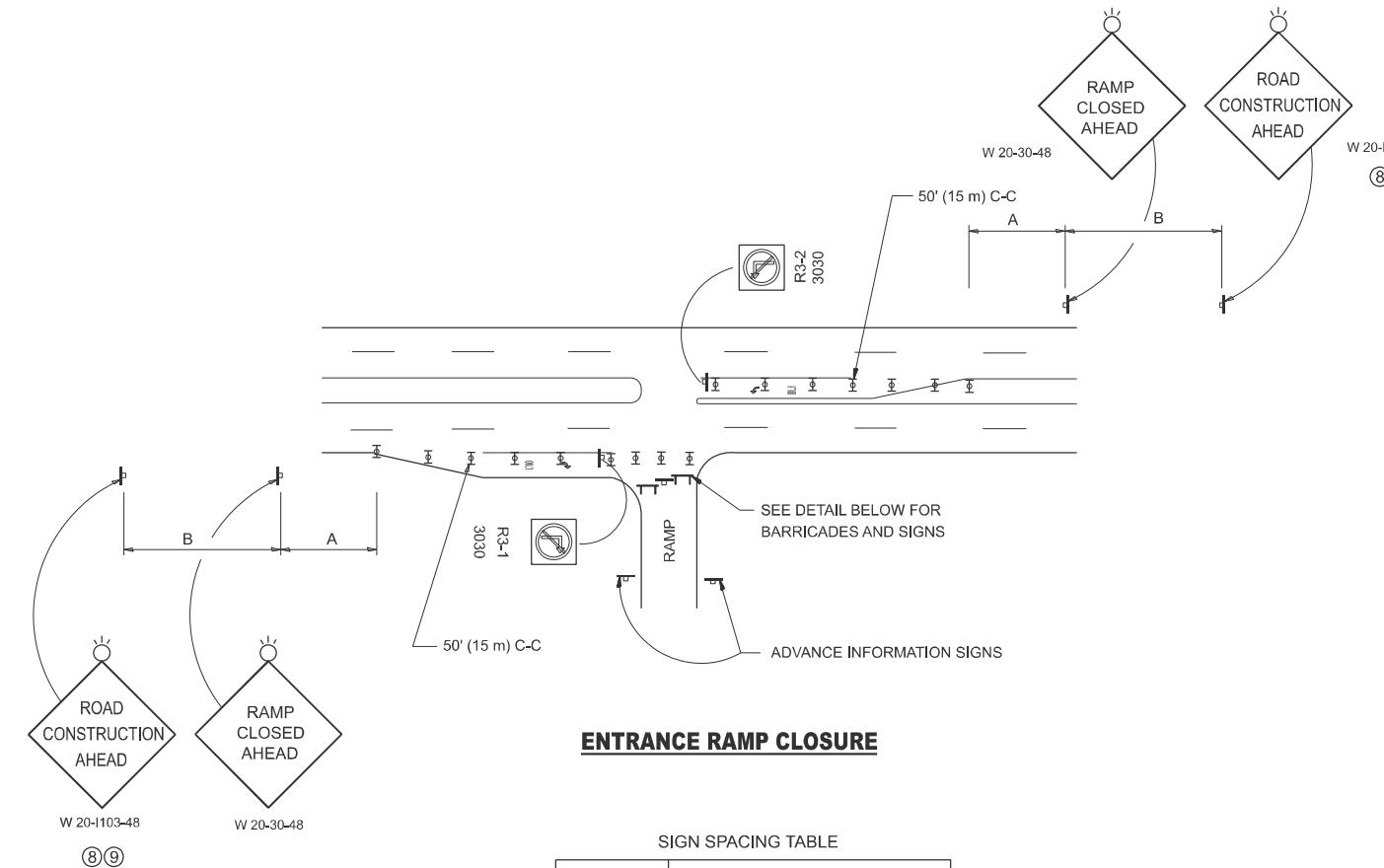
**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



GALVANIZED POSTS SHALL CONFORM TO THE REQUIREMENTS OF STANDARD 864001 POSTS UTILIZED IN THE REPAIR WORK SHALL BE THE SAME TYPE SHAPE AS POSTS ADJACENT TO THE REPAIR AREA UNLESS OTHERWISE DIRECTED BY THE ENGINEER, NO USED MATERIALS WILL BE PERMITTED.





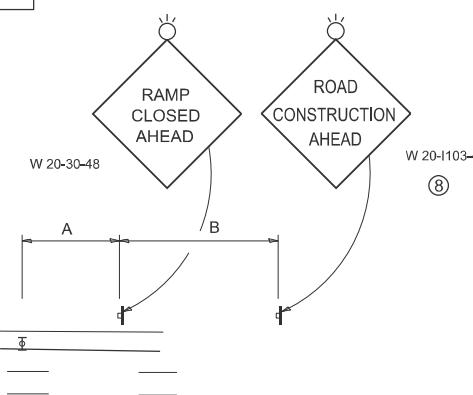
ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	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.

ADVANCE INFORMATION SIGNS

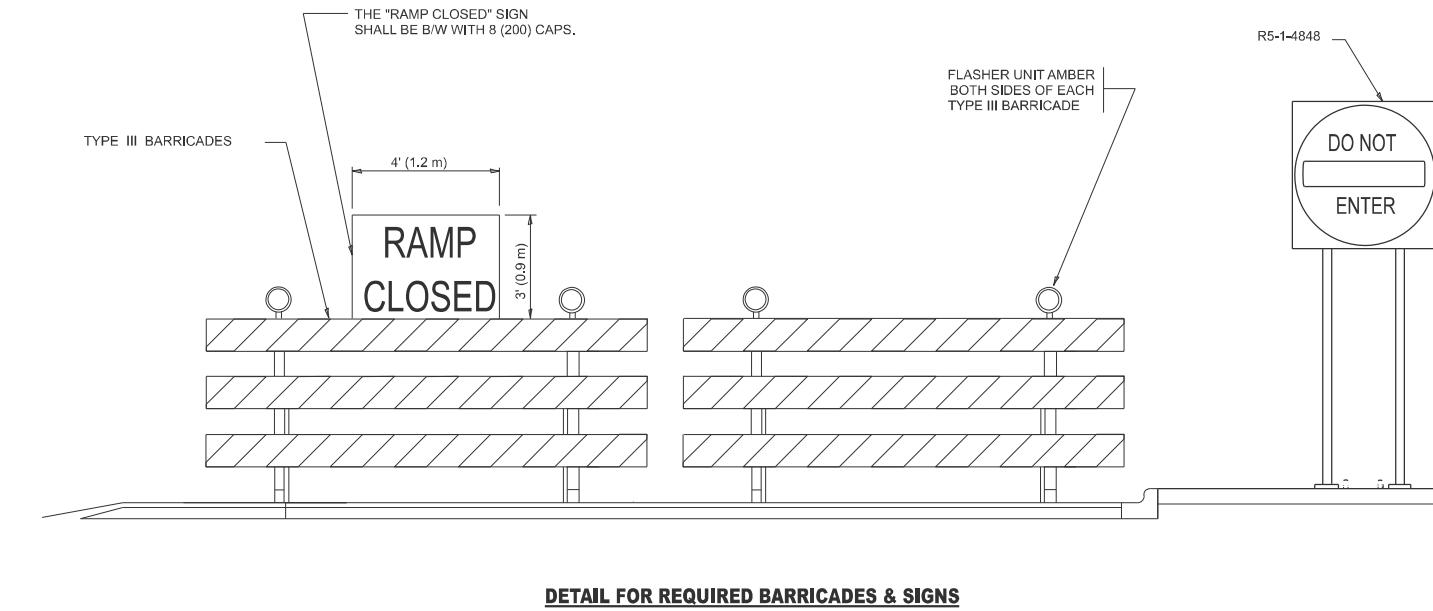


EXIT RAMP CLOSURE

SYMBOLS

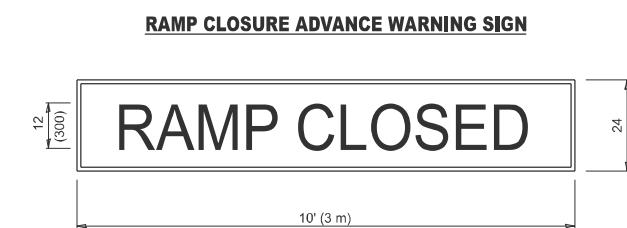
TYPE II BARRICADE OR DRUM

TYPE III BARRICADE WITH 2 FLASHING LIGHTS



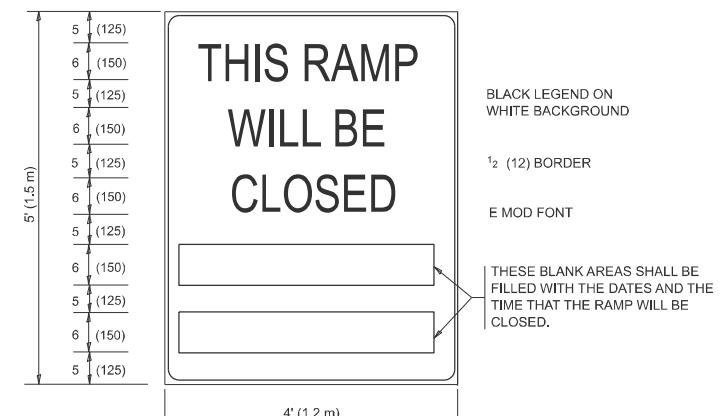
DETAIL FOR REQUIRED BARRICADES & SIGNS

RAMP CLOSURE ADVANCE INFORMATION 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.



BLACK LEGEND ON
WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

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:

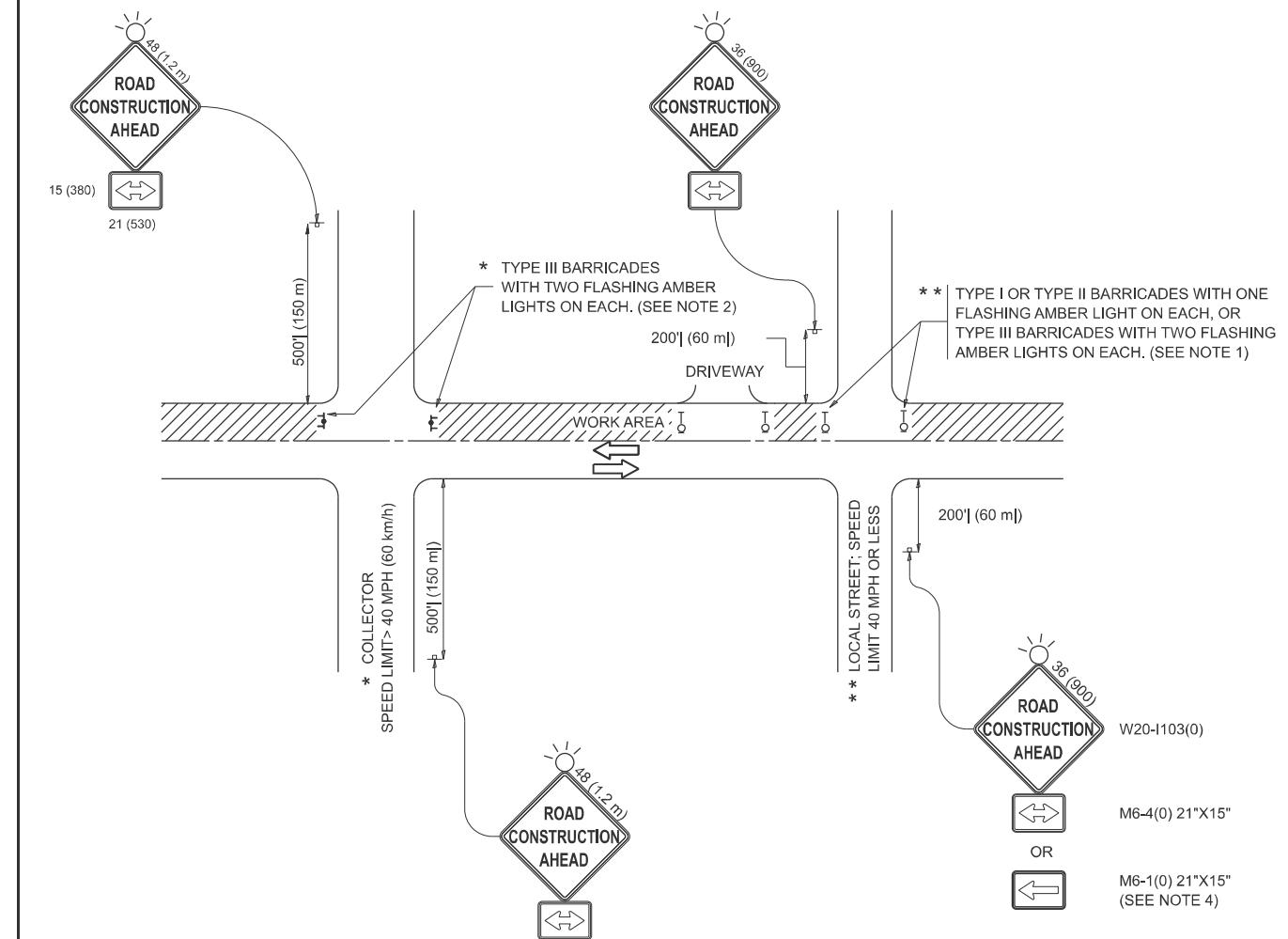
- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ 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.
- ⑤ THE SIGNING AND BARRICADED WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ 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.
- ⑧ 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.
- ⑨ 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	DESIGNED	D.W.S.	REVISED	S.P.B._12-09	STATE OF ILLINOIS	DEPARTMENT OF TRANSPORTATION	ENTRANCE AND EXIT RAMP CLOSURE DETAILS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.				
							DRAWN	CHECKED	REVISED	DATE	STA.	TO STA.	ILLINOIS	FED. AID PROJECT					
															**	2025-1078-FCN	*	22	18
															TC-08	CONTRACT NO. 62Y37			

**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL



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.

USER NAME = thanh.vo	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 = 11/6/2025	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.
**	2025-1078-FCN	*	22	19
TC-10			CONTRACT NO. 62Y37	

**VARIOUS

*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

TURN BAY ENTRANCE AT START OF LANE CLOSURE TAPER

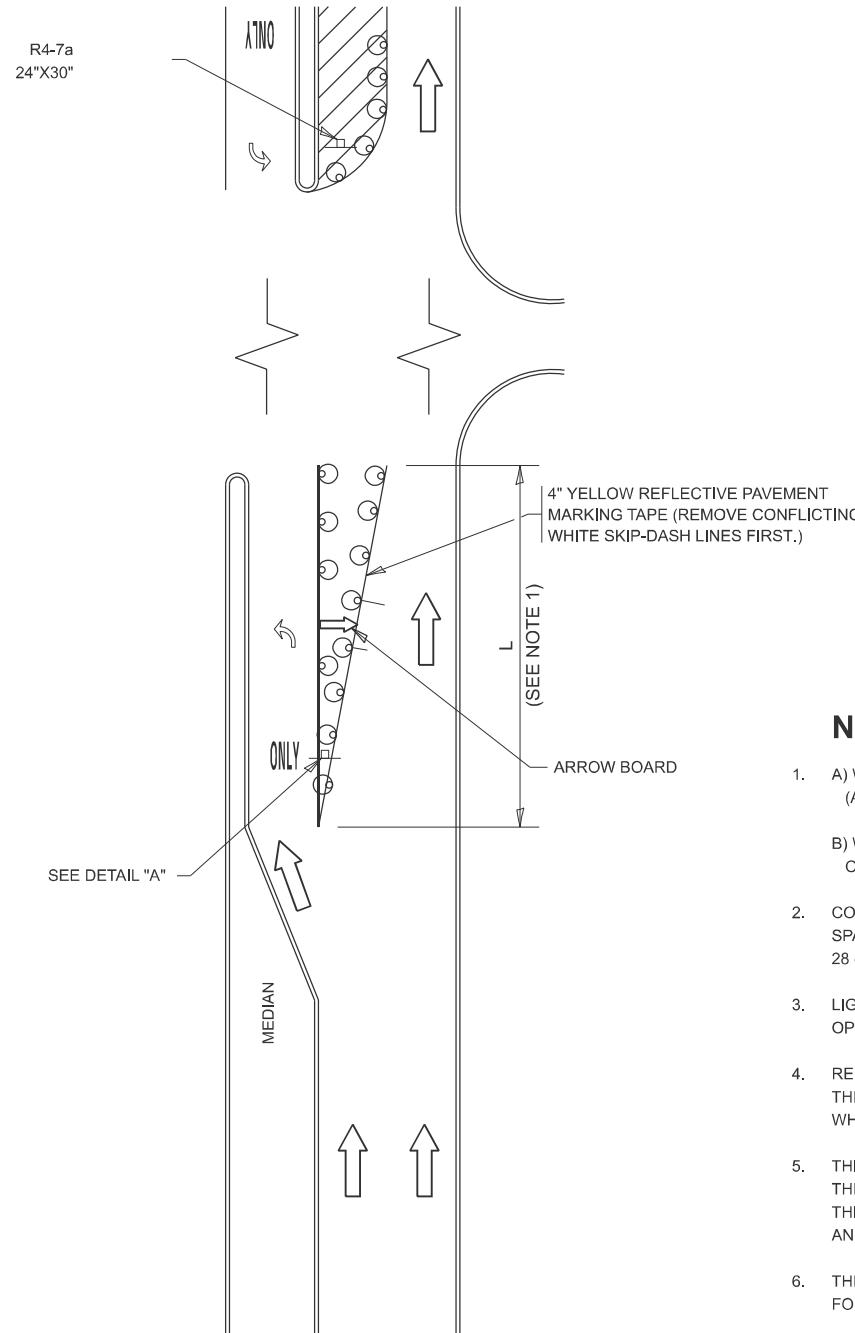
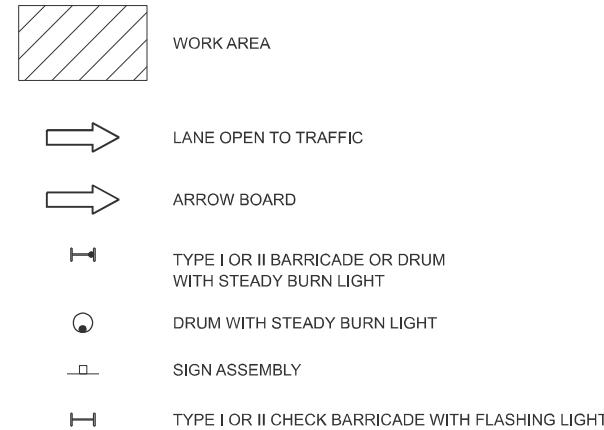


FIGURE 1

LEGEND



NOTES:

1. A) WHEN "L" IS \leq THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
2. B) WHEN "L" IS $>$ THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
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. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
5. 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.
6. 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 M6-2L 21 x 15 (530 x 380) SHALL BE USED.
7. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
8. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH REQUIREMENTS.
9. 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

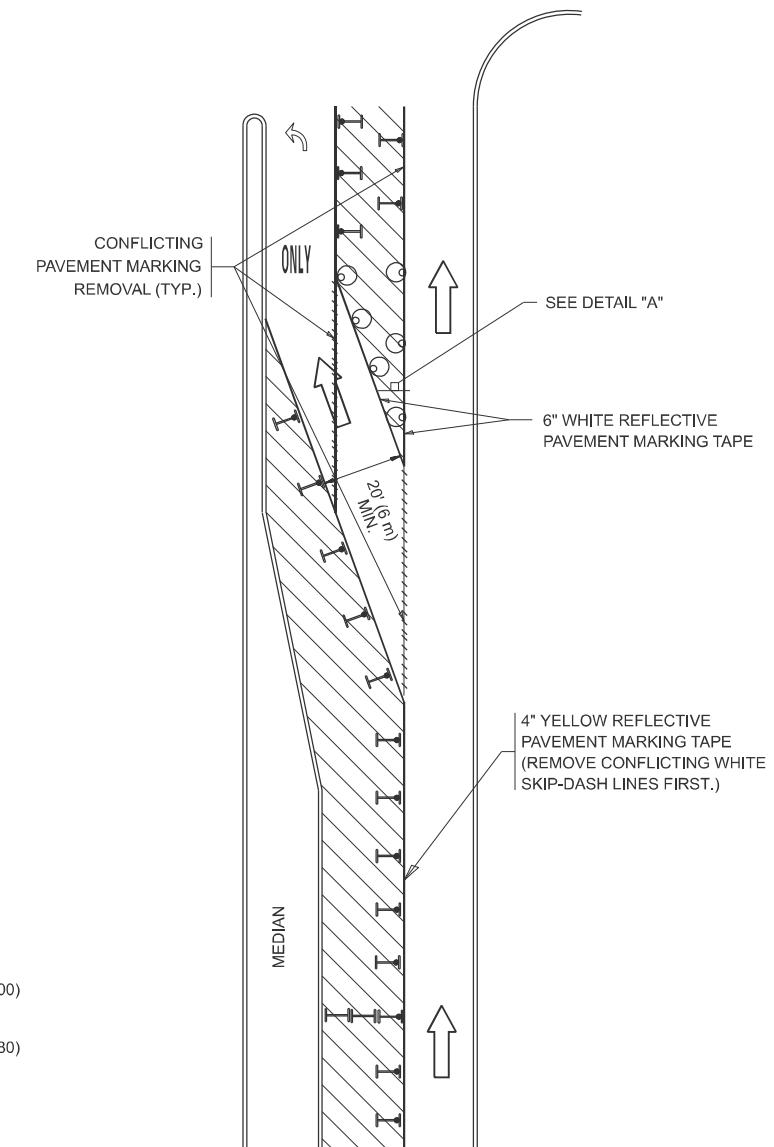
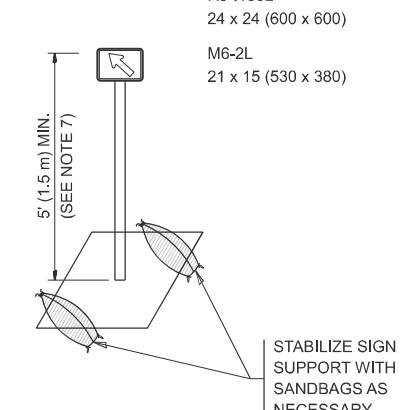


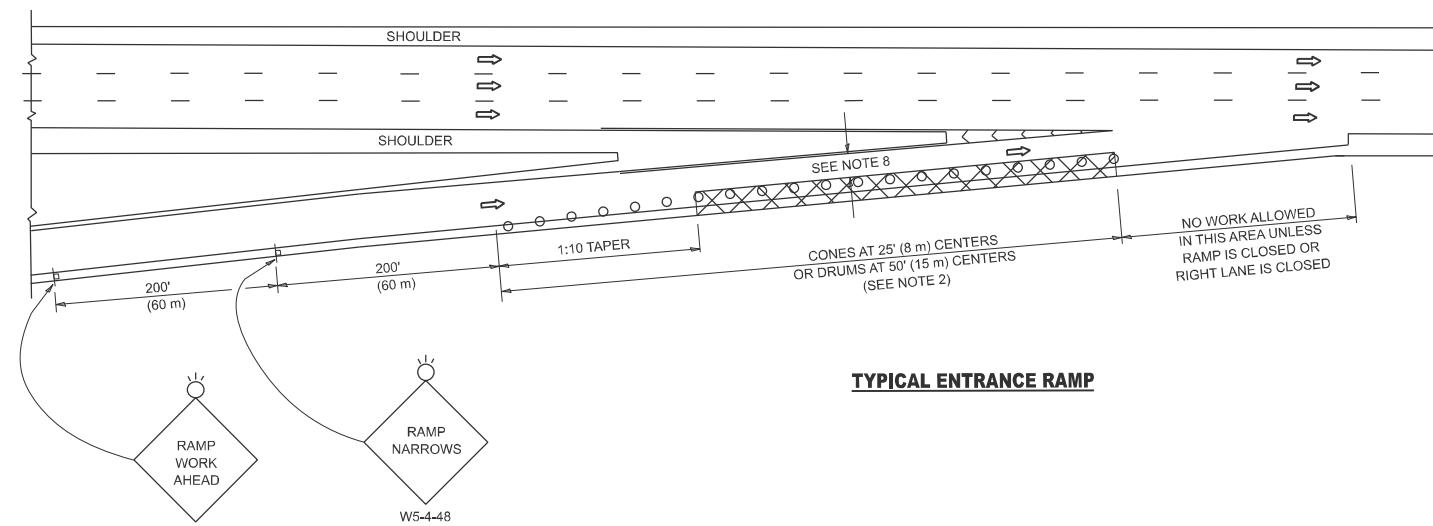
FIGURE 2



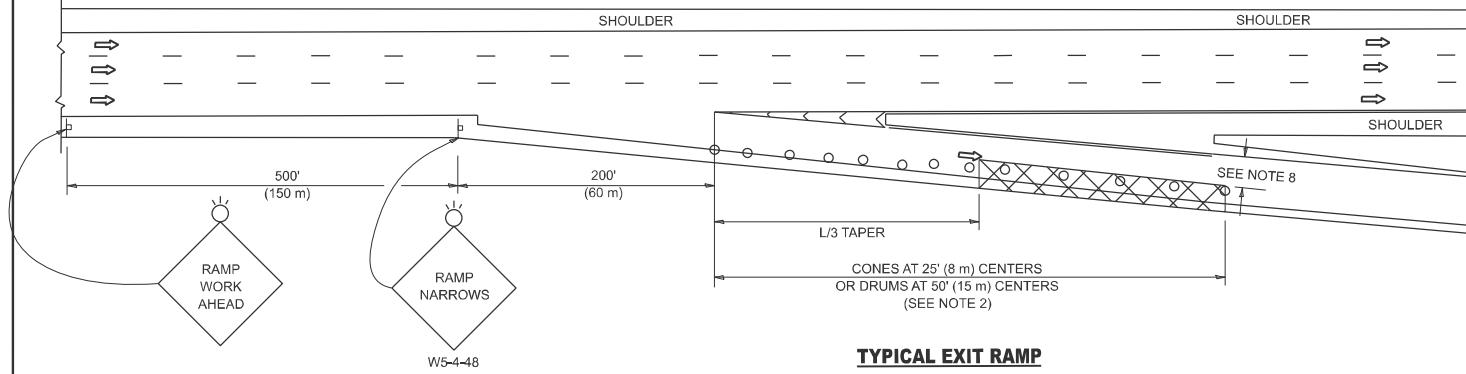
DETAIL A

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

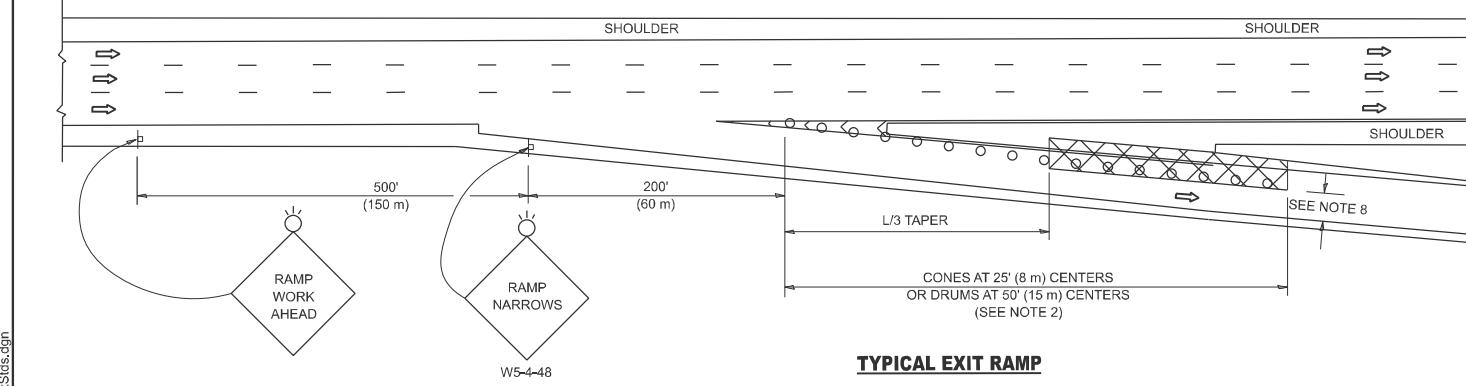
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

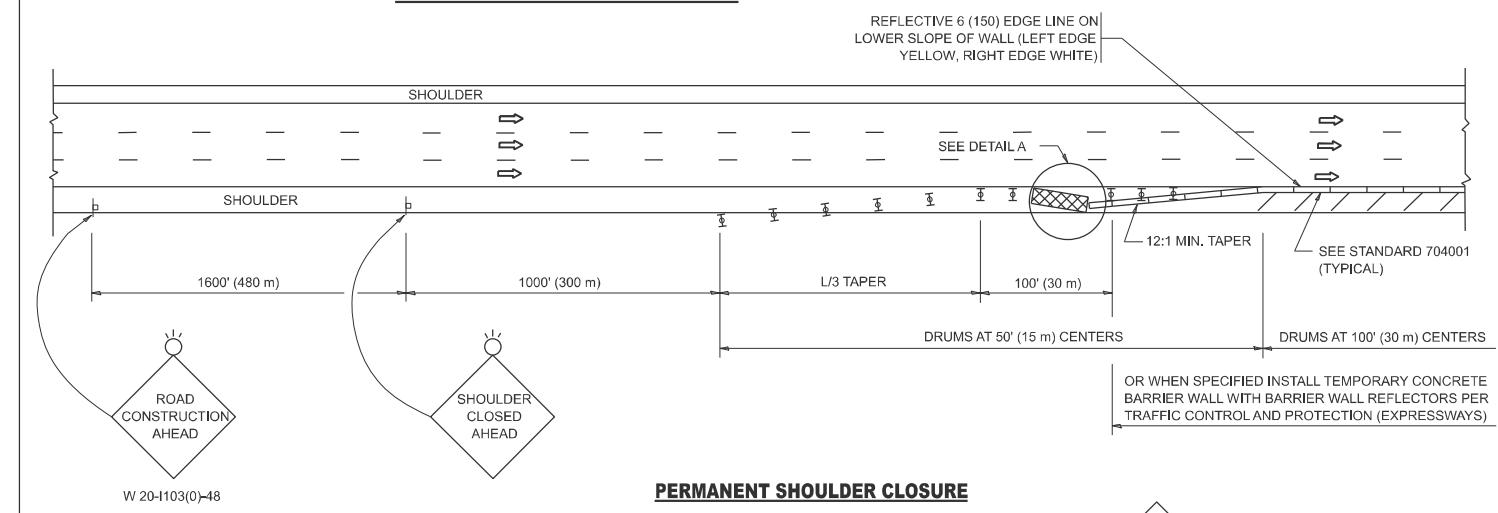
-
- ACTIVE WORK AREA
-
- SIGN ON PORTABLE OR PERMANENT SUPPORT
-
- FLAGGER WITH CONTROL SIGN
-
- TYPE II BARRICADE OR DRUM
-
- CONE, DRUM OR BARRICADE
-
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

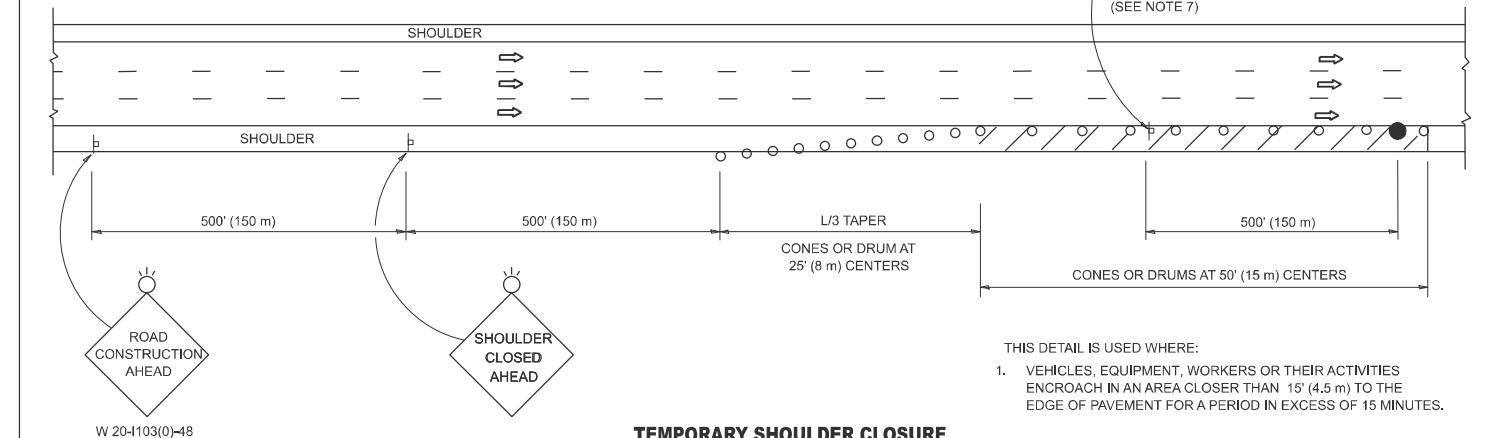
1. THE "L" DISTANCE EQUALS:

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)	
2. 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.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

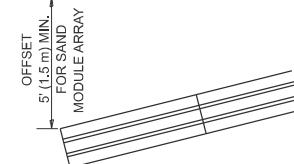
SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



TEMPORARY SHOULDER CLOSURE



THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH 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)

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.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. 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 ENCROACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
9. 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.

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

USER NAME = thanh.vo	DESIGNED -	REVISED - M.D. 06-13
	DRAWN - D.W.S.	REVISED - M.D. 01-18
	CHECKED -	REVISED - M.D. 10-20
PLOT DATE = 11/5/2025	DATE - 11-96	REVISED - D.S. 05-24

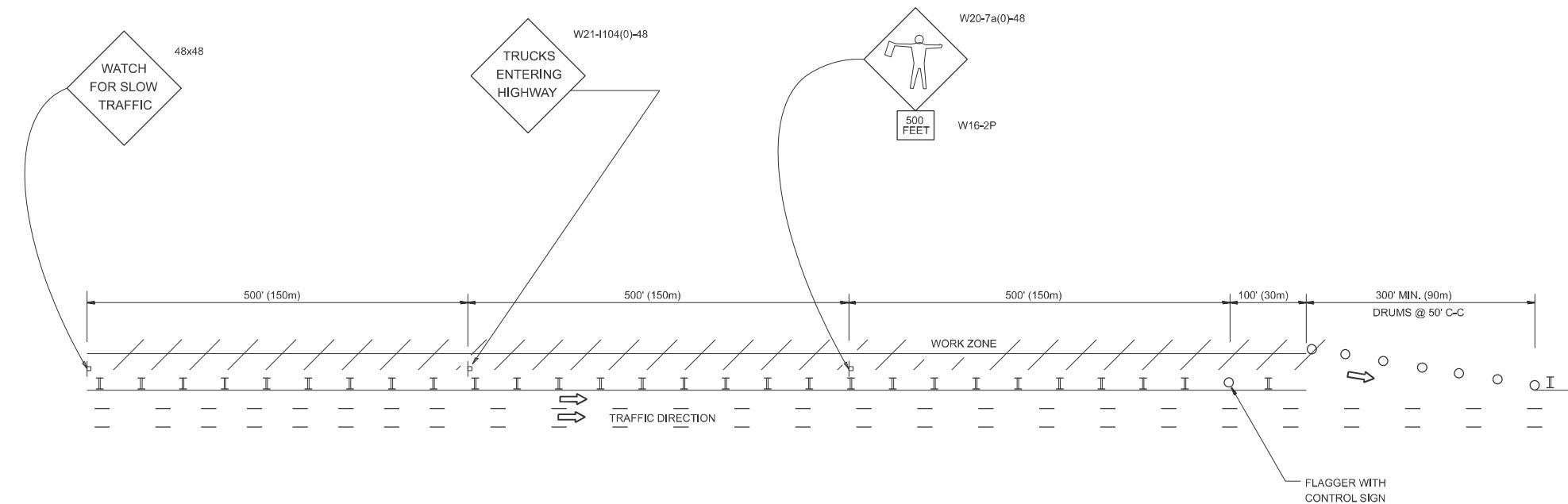
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2025-1078-FCN	*	22	21
TC-17			CONTRACT NO. 62Y37	

**VARIOUS

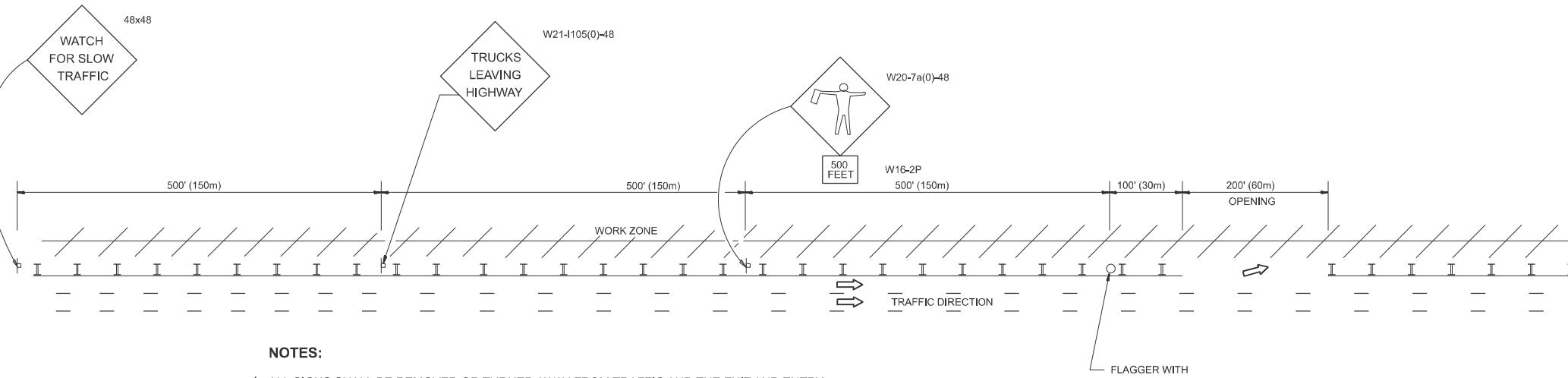
*COOK, DUPAGE, KANE, LAKE, MCHENRY, & WILL

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES.
NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMPS.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS)
UNLESS OTHERWISE SHOWN