

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2024-1034-I	ILLINOIS	5	1

**FAI 94, FAP 346
*COOK, LAKE

CONTRACT NO. 62X79

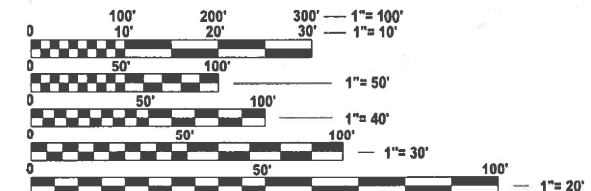
D-91-070-25



LOCATION OF SECTION INDICATED THUS: - ■ -

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**
**FAI ROUTE 94 / FAP ROUTE 346: I-94 (EDENS EXPWY) /
US 41 (SKOKIE HWY)**
CLAVEY RD TO I-90 (KENNEDY EXPWY)
SECTION 2024-1034-I
EXPRESSWAY HIGHWAY CLEANING (DEBRIS/LITTER PICKING)
COOK & LAKE COUNTIES
C-91-091-25



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

**LOCATION MAP - SEE
SHEET INDEX**

PROJECT ENGINEER: OSCAR OLIVEROS (847) 705-4548
PROJECT MANAGER: JACEK EJMONT (847) 705-4641

CONTRACT NO. 62X79

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED Dec 16 2024
[Signature] REGIONAL ENGINEER
January 31 2025
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
January 31 2025
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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I-94 (EDENS EXPWY) & US-41 (SKOKIE HWY)
5. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

- | | |
|-----------|---|
| 701106-02 | OFF-ROAD OPERATION MULTILANE, MORE THAN 15' AWAY |
| 701426-09 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS ≥ 45 |
| 701901-10 | MPH TRAFFIC CONTROL DEVICES |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STATE STANDARDS

SCALE: NONE	SHEET 000	OF 4	SHEETS	STA.	TO STA.
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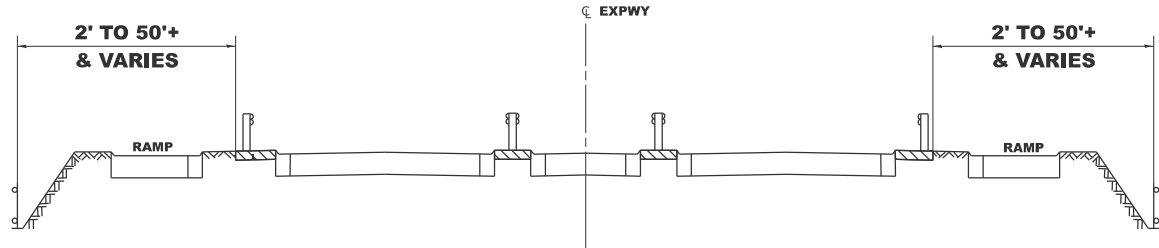
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2024-1034-I	*	5	2
		CONTRACT NO. 62X79		
		ILLINOIS	FED. AID PROJECT	

* I-94, U.S. ROUTE 41

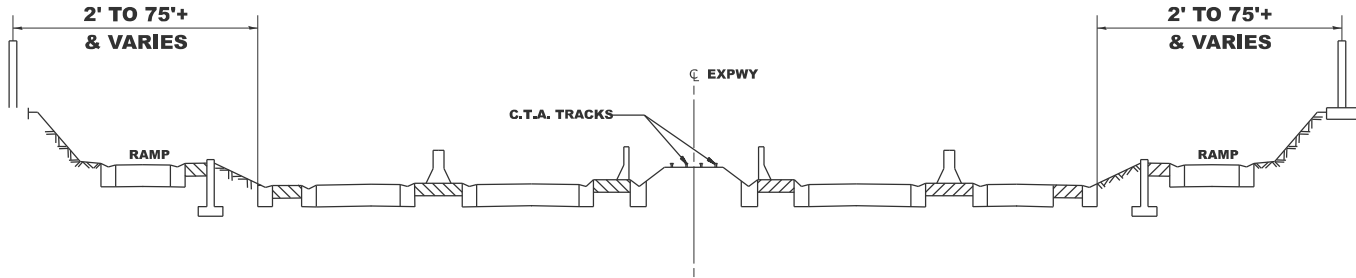
* COOK, LAKE

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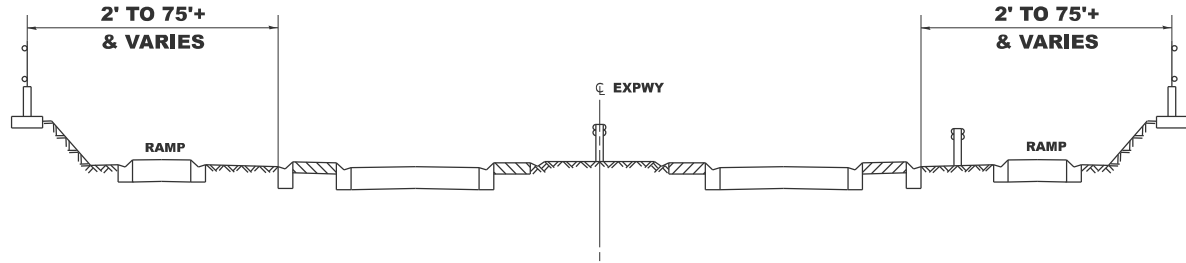
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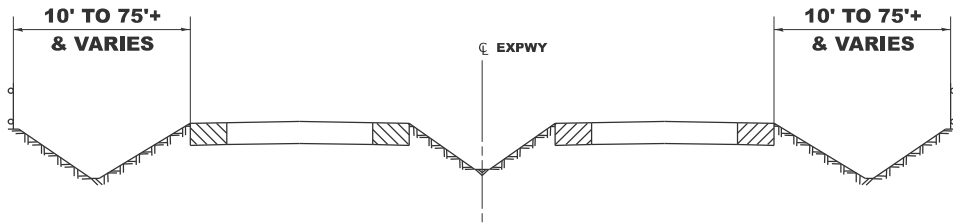
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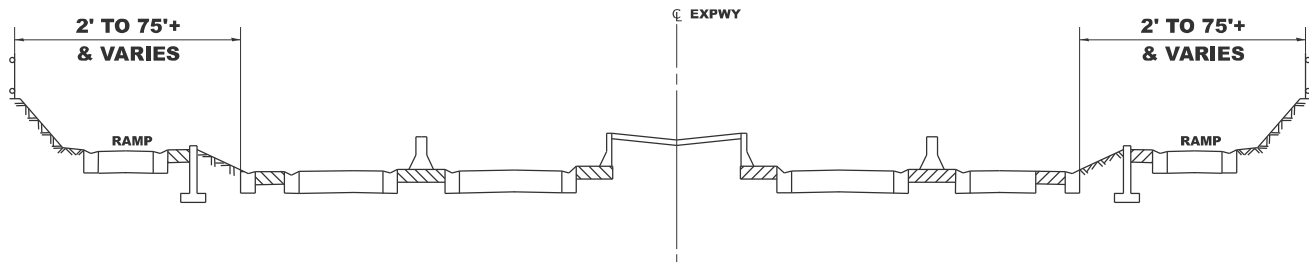
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



TYPICAL EXPRESSWAY CROSS-SECTION NO. 3



TYPICAL EXPRESSWAY CROSS-SECTION NO. 4



TYPICAL EXPRESSWAY CROSS-SECTION NO. 5

NOTES:

- SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
- NO DAILY CONTRACTOR WORK REQUESTS/SCHEDULING SHALL BE AUTHORIZED OR APPROVED TO START WHEN IT IS DETERMINED BY THE ENGINEER THAT WEATHER CONDITIONS WILL BE UNFAVORABLE. APPROVAL OF DAILY CONTRACTOR WORK SCHEDULE REQUEST SHALL BE SOLELY DETERMINED BY THE ENGINEER.
- ALL SHOULDER CLOSURES SHALL BE IMMEDIATELY REMOVED DURING ALL ADVERSE WEATHER CONDITIONS WITHOUT EXCEPTION, INCLUDING BUT NOT LIMITED TO RAIN, WET ROAD SURFACE (SPRAY FROM TIRES), MIST, DRIZZLE, SLEET, SNOW, FOG AND ANY OTHER CIRCUMSTANCE DETERMINED UNSAFE BY THE ENGINEER. THE CONTRACTOR SHALL IMPLEMENT THIS CONTRACT REQUIREMENT IMMEDIATELY WITHOUT WAITING FOR DEPARTMENT'S INSTRUCTION.
- NO WORK WILL BE ALLOWED ON THE FOLLOWING LEGAL HOLIDAYS UNLESS IT IS CONSIDERED AN EMERGENCY, IMMEDIATE HAZARD OR ANY WORK AS DESIGNATED BY THE DEPARTMENT THAT REQUIRES FIRST PRIORITY CORRECTIVE ACTION:

EASTER HOLIDAY
MEMORIAL DAY HOLIDAY
INDEPENDENCE DAY HOLIDAY
LABOR DAY HOLIDAY
THANKSGIVING HOLIDAY
CHRISTMAS HOLIDAY
NEW YEARS HOLIDAY

SUMMARY OF QUANTITIES

			COOK		LAKE
			URBAN	100 % STATE 0044	100 % STATE 0044
CODE NO.	ITEM	UNIT	TOTAL QUANTITIES	EXPRESSWAY	EXPRESSWAY
X0326643	LITTER PICKING	MILE	300	285	15

USER NAME = jacek.ejmont	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$\$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/16/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, SUMMARY OF QUANTITIES, &
TYPICAL EXPRESSWAY CROSS-SECTIONS

SCALE: SHEET OF 1 SHEETS STA. TO STA.

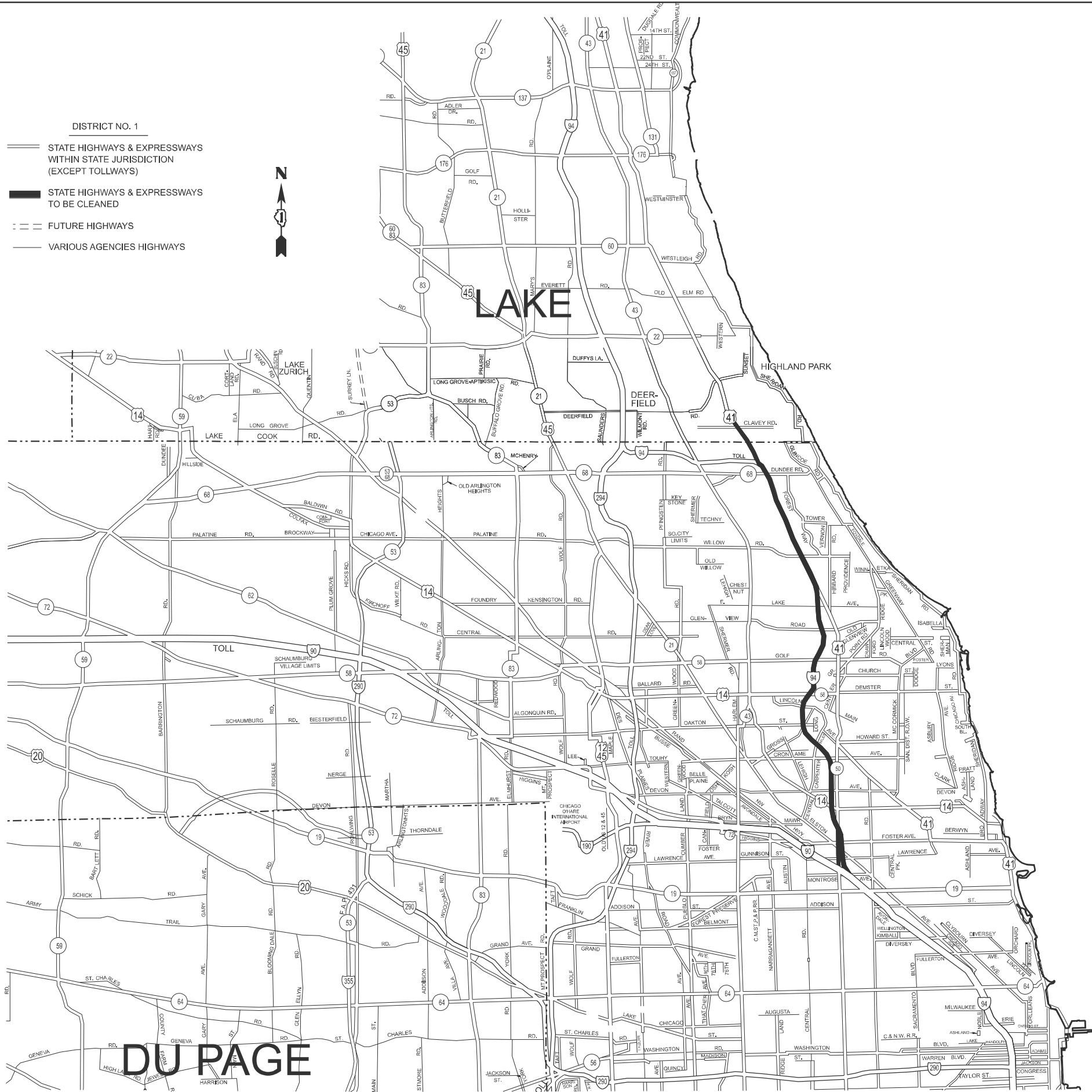
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2024-1034-I	*	5	3
CONTRACT NO. 62X79				
ILLINOIS FED. AID PROJECT				

* I-94, U.S. ROUTE 41

* COOK, LAKE

MODEL: MAPS [Sheet]
FILE NAME: c:\p\work\wtk\illinois.gov_jack.ejmont@illinois.gov\1063195D107025-shf-details.dgn

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



USER NAME = jacek.ejmont	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = 12/16/2024	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXPRESSWAY CLEANING MAP
I-94 (EDENS EXPWY) & US-41 (SKOKIE HWY)

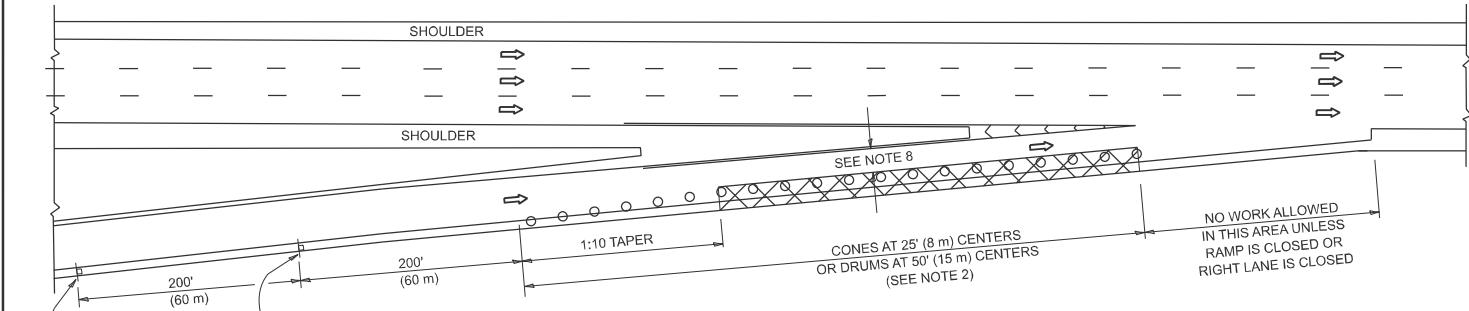
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	2024-1034-I	*	5	4
CONTRACT NO. 62X79				
ILLINOIS FED. AID PROJECT				

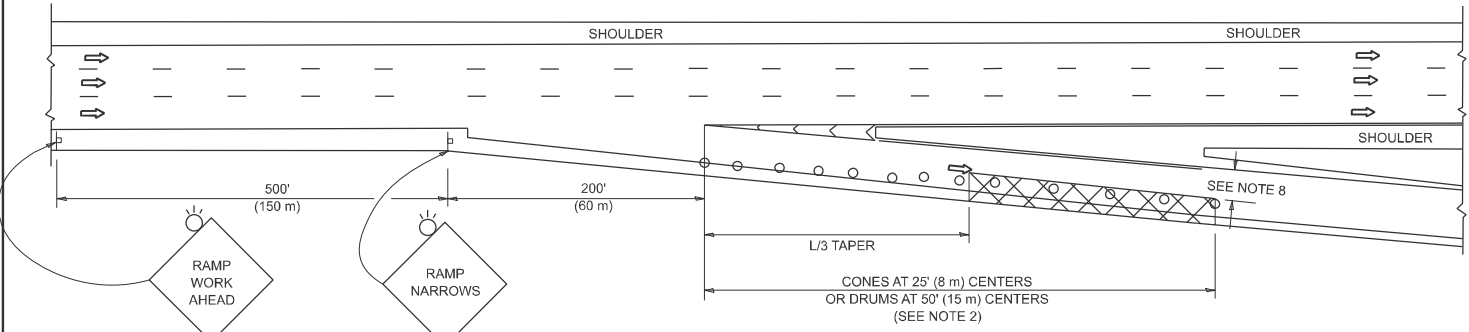
* I-94, U.S. ROUTE 41

* COOK, LAKE

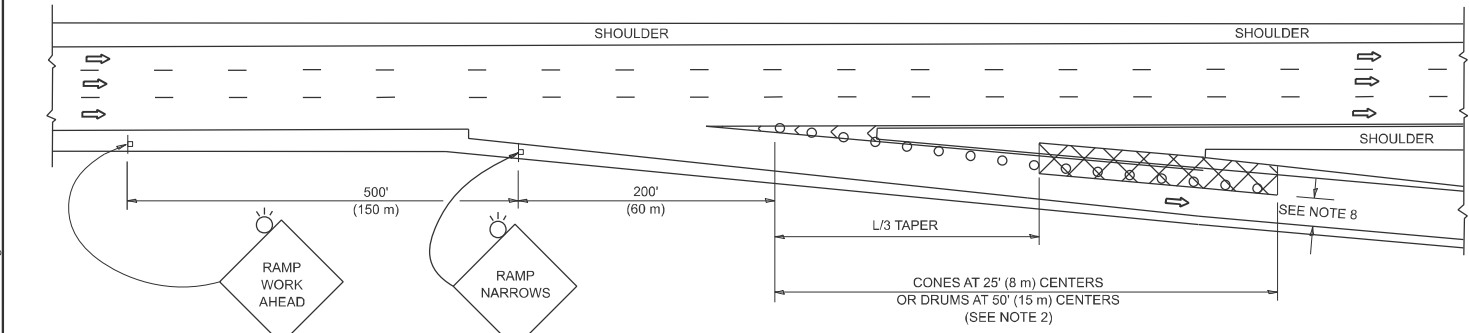
PARTIAL RAMP CLOSURE DETAILS



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

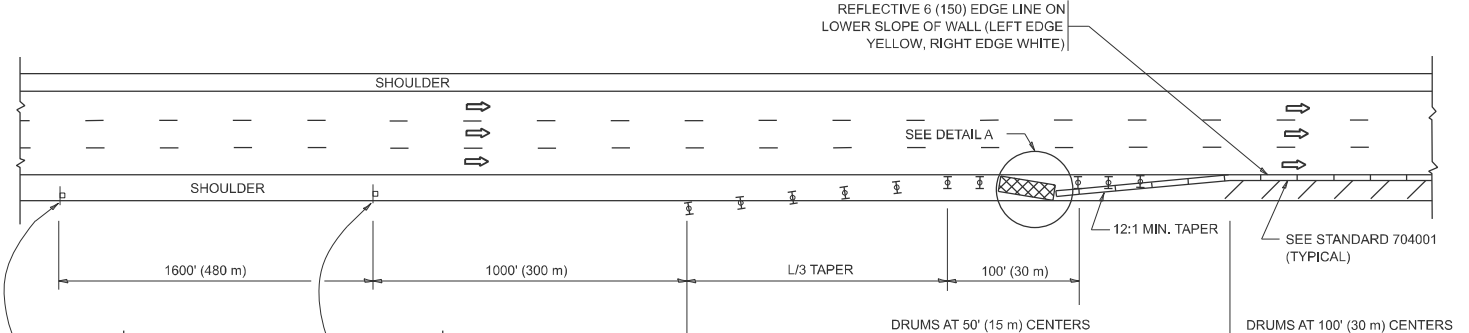
GENERAL NOTES:

- THE "L" DISTANCE EQUALS:

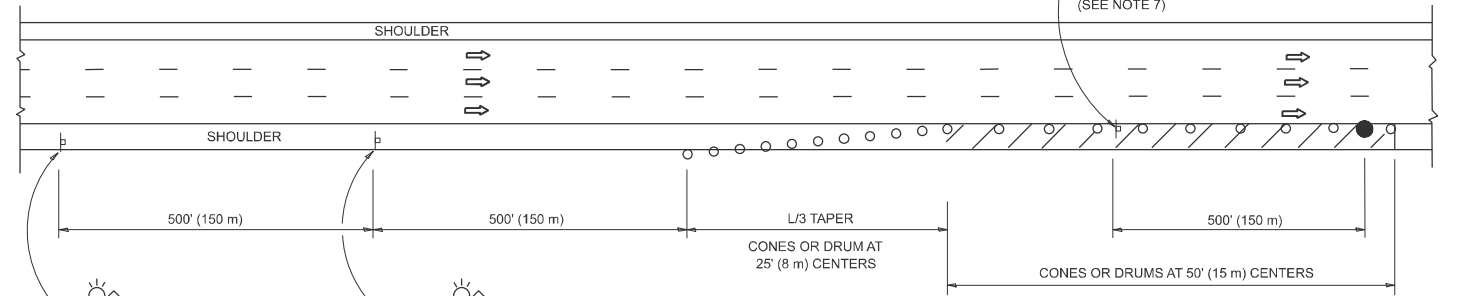
SPEED LIMIT	FORMULAS	
	METRIC	ENGLISH
45 mph (80 km/h)	$L=0.65(W)(S)$	$L=(W)(S)$

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:
 - FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - 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.

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	2024-1034-I	*	5	5
TC-17		CONTRACT NO. 62X79		
ILLINOIS		FED. AID PROJECT		

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* COOK, LAKE