

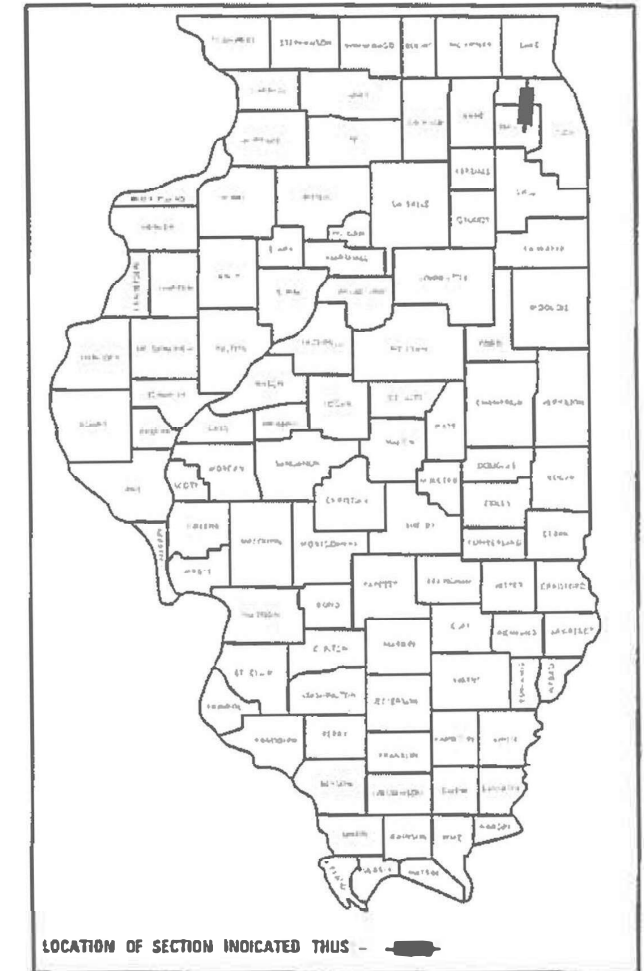
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAI 290  
FAP 342

SECTION	COUNTY	TOTAL SHEETS	SHEETS NO
2019-163-1		5	1
CONTRACT NO		62K36	

COOK AND DUPAGE

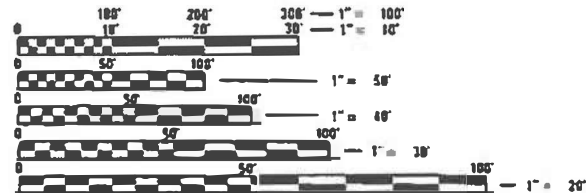
D-91-329-20



FOR INDEX OF SHEETS, SEE SHEET NO.

# PROPOSED HIGHWAY PLANS

FAI ROUTE 290/FAP 342: I-290/IL 53  
 LAKE COOK RD TO IL 83 (KINGERY HWY)  
 SECTION: 2019-163-1  
 EXPRESSWAY HIGHWAY CLEANING (LITTER/DEBRIS REMOVAL)  
 COUNTIES: COOK AND DUPAGE  
 C-91-129-20



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 EXCAVATION  
 1-800-892-0123  
 OR 811

LOCATION MAP - SEE INDEX OF SHEETS

PROJECT ENGINEER: J. ALAIN MIDY (847) 221-3056  
 PROJECT MANAGER: FAWAD AQUEEL (847) 705-4247

CONTRACT NO. 62K36

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED ~~November 25~~ 20 19

*Anthony J. Rungt* 10/23  
 REGIONAL ENGINEER

*Mark* 20 20  
 ENGINEER OF DESIGN AND ENVIRONMENT

*Harold* 20 20  
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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 OF THE STATE OF ILLINOIS

\*\* FAI 290  
PAP 342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2019-163-I	*	5	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

1. TITLE SHEET
2. INDEX OF SHEETS  
APPLICABLE STATE STANDARDS
3. SUMMARY OF QUANTITIES  
SCHEDULE OF CLEANING STARTING DATES
4. EXPRESSWAY CLEANING: I-290 EXTENSION/ ILL 53,
5. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES  
AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

- 701101-05 OFF-ROAD OPERATION MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATION MULTILANE, MORE THAN 15' AWAY
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES

\* COOK AND DuPAGE

PLOT DATE = 11/26/2019  
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 USER NAME = midup

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

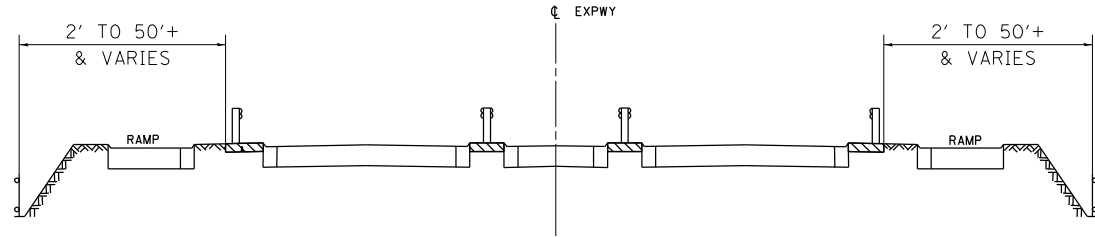
INDEX OF SHEETS AND STATE STANDARDS

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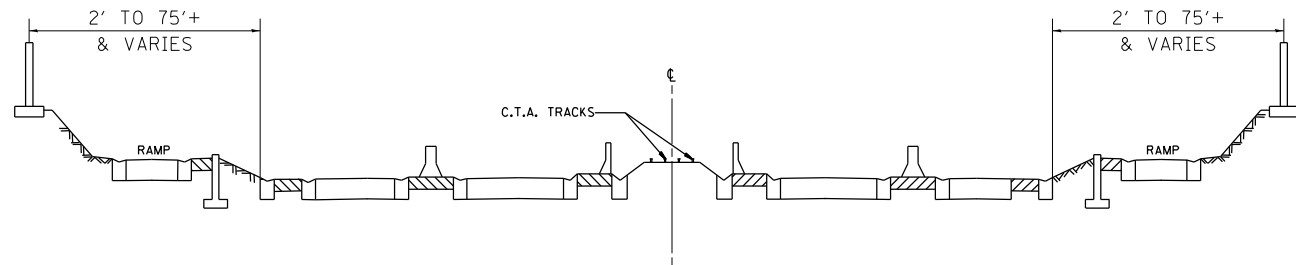
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
**	2019-163-1	*	5	3
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

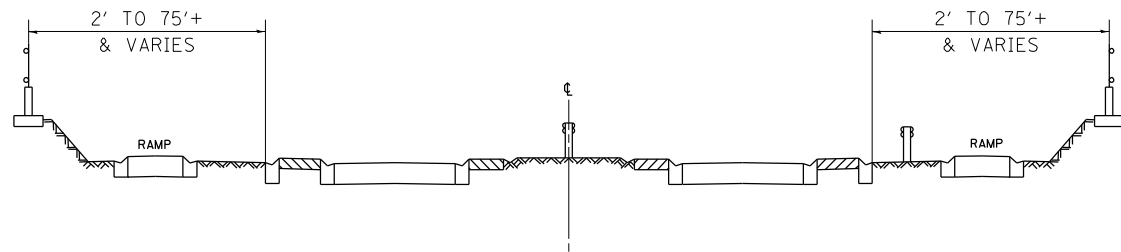
\* COOK AND DUPAGE



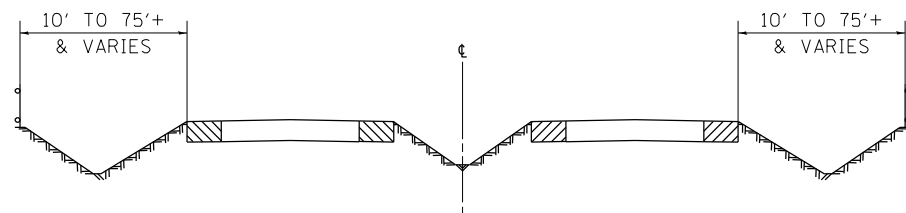
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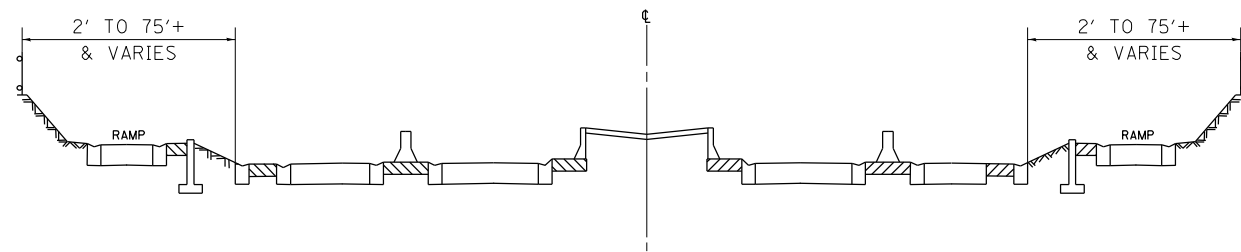
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



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 WORK WILL BE ALLOWED DURING ANY LEGAL HOLIDAY PERIOD.
- ALL SCHEDULES OF ANTICIPATED STARTING DATES SHOWN ARE TENTATIVE AS DETERMINED BY THE DEPARTMENT'S OPERATIONAL NEEDS.
- 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 ALL DAILY CONTRACTOR WORK SCHEDULE REQUEST SHALL BE SOLELY DETERMINED BY THE ENGINEER AND OR PROJECT SUPERVISOR.
- 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 INSTRUCTIONS.**
- NO WORK WILL BE ALLOWED ON THE FOLLOWING DATES 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/NEW YEAR'S HOLIDAY

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	COOK		DUPAGE
			URBAN	100 % STATE 0044	100 % STATE 0044
			TOTAL QUANTITIES	EXPRESSWAY	EXPRESSWAY
X0326643	LITTER PICKING	MILE	240	180	60

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
SUMMARY OF QUANTITIES  
AND  
SCHEDULE OF STARTING DATES

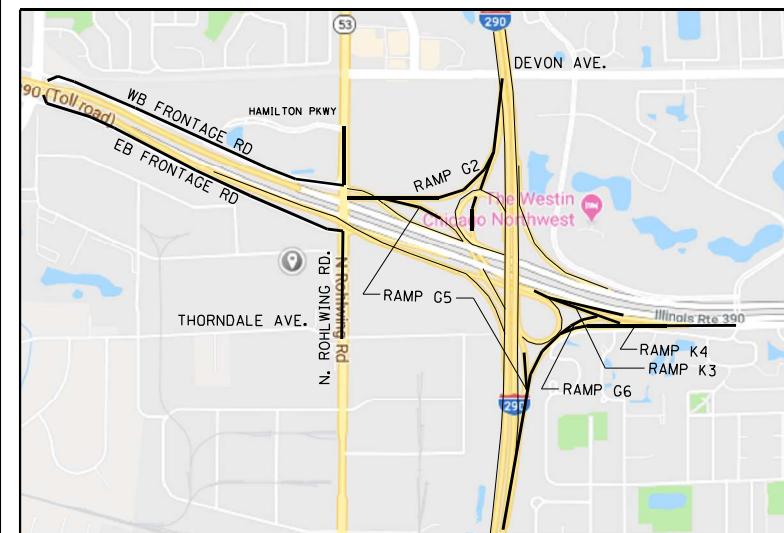
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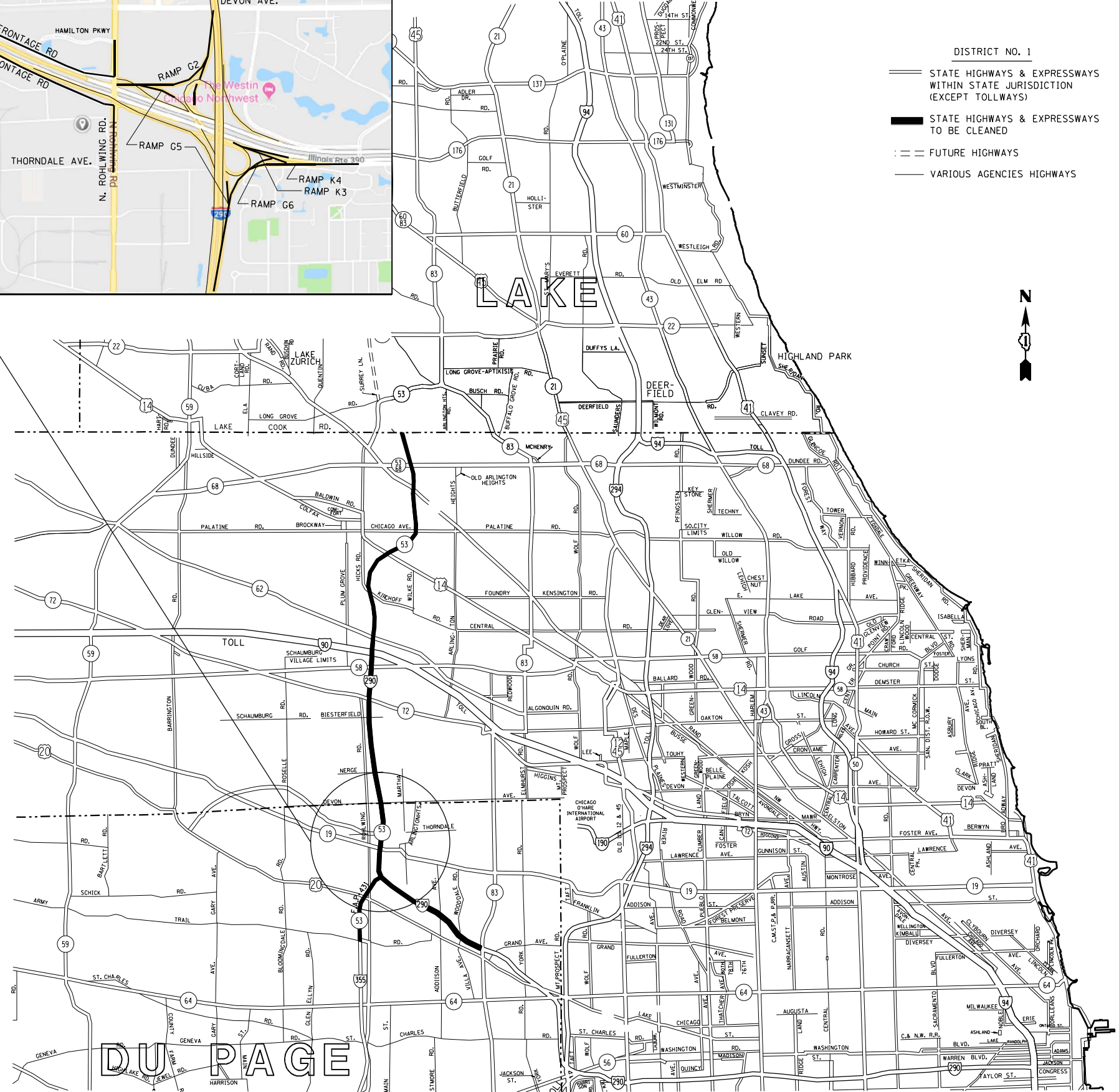
\*\* FAI 290  
PAP 342

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
** 2019-163-I	*	*	5	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

\* COOK AND DuPAGE



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



DU PAGE

REVISIONS	
NAME	DATE

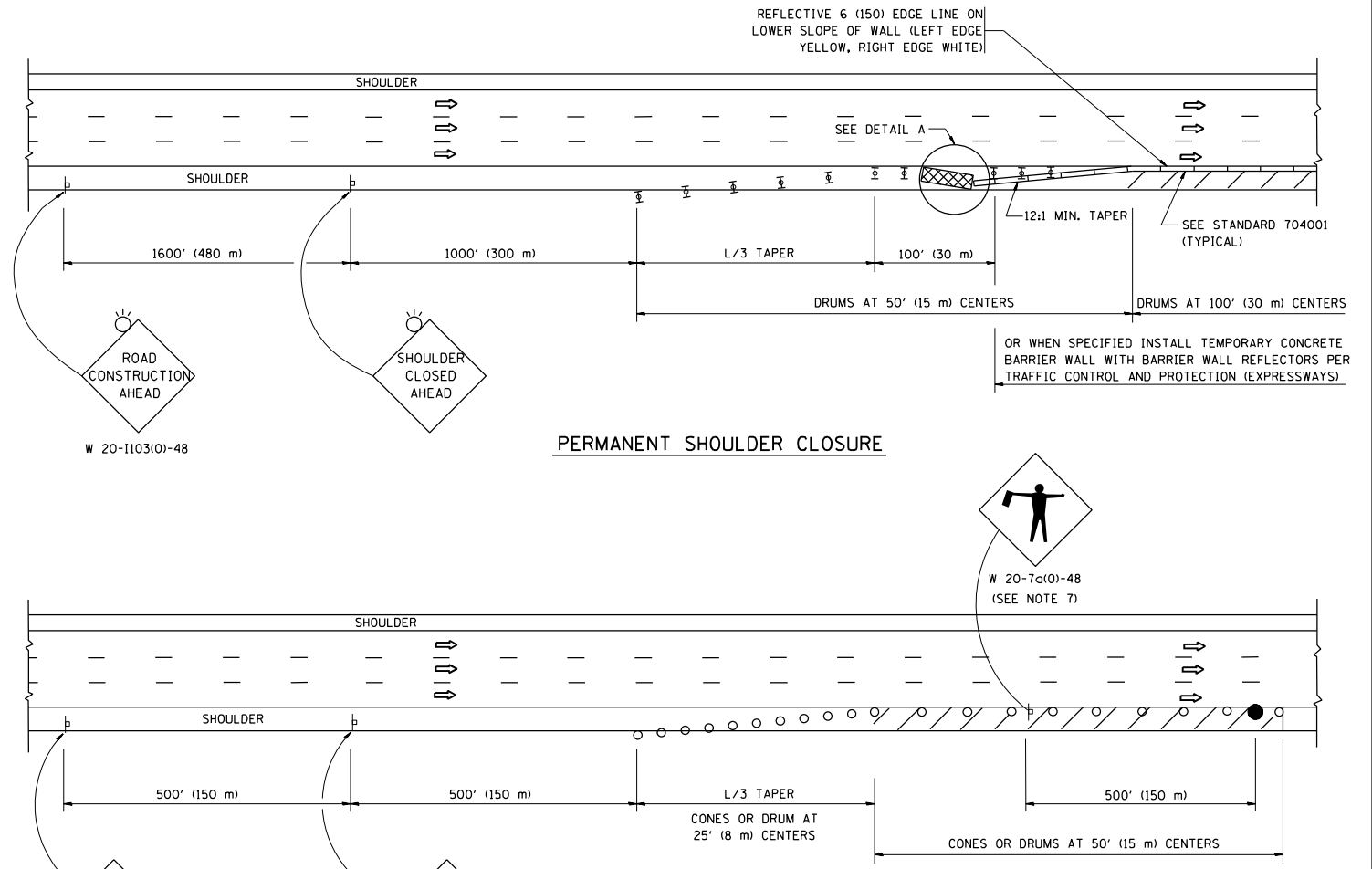
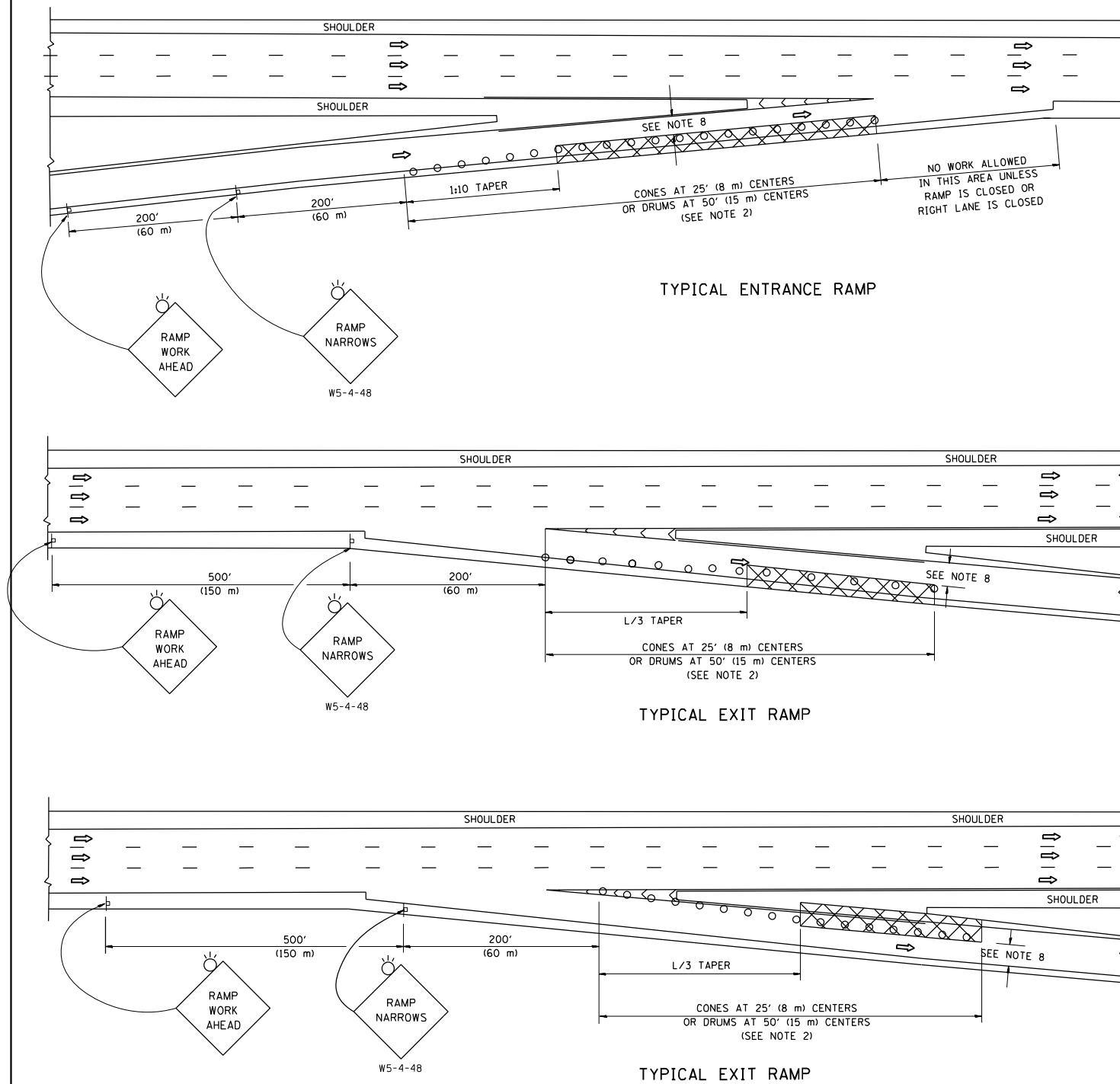
ILLINOIS DEPARTMENT OF TRANSPORTATION  
EXPRESSWAY CLEANING LITTER/ DEBRIS  
REMOVAL  
I-290 EXTENSION/ILL. 53.

SCALE: VERT. / HORIZ.  
DATE: / / DRAWN BY: / CHECKED BY: /

PLOT DATE = 11/25/2019  
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PLOT SCALE = 1/85,8824 / in.  
USER NAME = rotp

PARTIAL RAMP CLOSURE DETAILS

SHOULDER 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

1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC    ENGLISH 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.
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.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.

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

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.  
\*COOK AND DUPAGE

FILE NAME =	USER NAME = rothjp	DESIGNED -	REVISED - S.P.B. 01-07	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED - S.P.B. 12-09			*	2019-163-I	*	5	5	
		CHECKED -	REVISED - M.D. 06-13			TC-17		CONTRACT NO. 62K36			
		DATE - 11-96	REVISED - M.D. 01-18			ILLINOIS FED. AID PROJECT					