

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-994-1	COOK	6	1
		ILLINOIS	CONTRACT NO. 62W28	

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

11-08-2024 LETTING ITEM 144

FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

**FAI ROUTE 290: I-290 (EISENHOWER) FROM WELLS ST TO MANNHEIM RD**

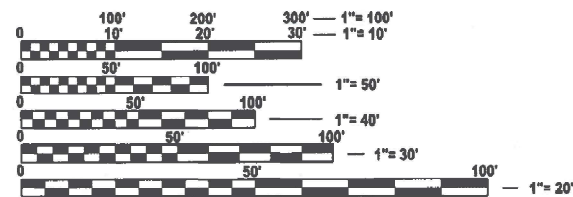
**SECTION: 2024-994-1**

**GRAFFITI REMOVAL**

**COOK COUNTY**

**C-91-121-24**

D-91-107-24



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. 62W28**

**SEE SHEETS 4 THROUGH  
5 FOR LOCATION MAPS**

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

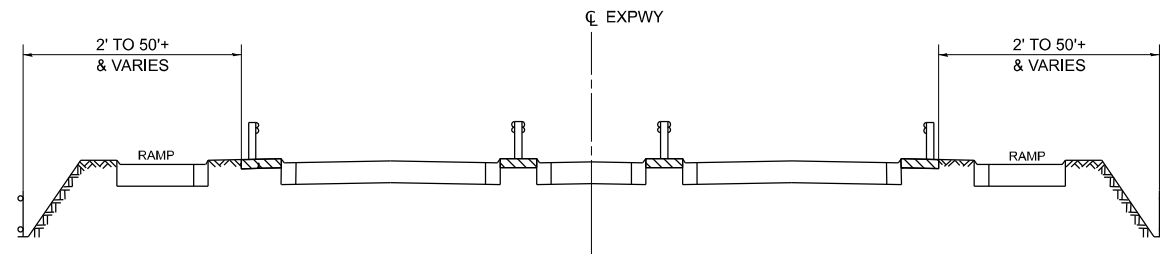
SUBMITTED July 10<sup>th</sup> 2024  
Joe Ruffolo REGIONAL ENGINEER

August 16, 2024  
Joe A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT

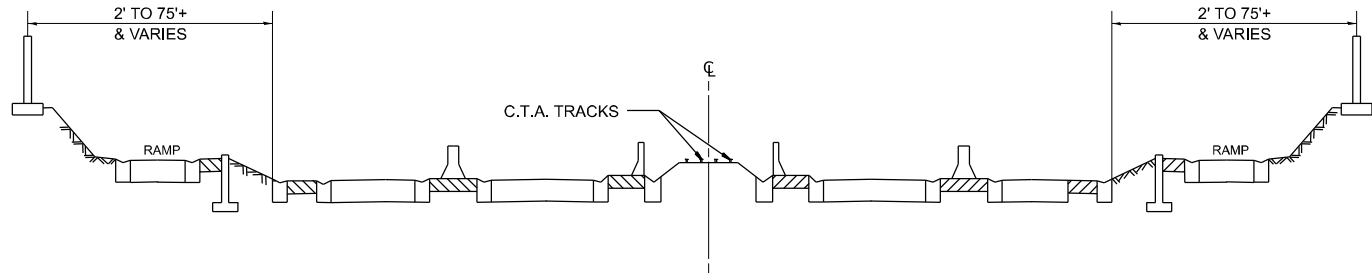
August 16, 2024  
James J. ...  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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

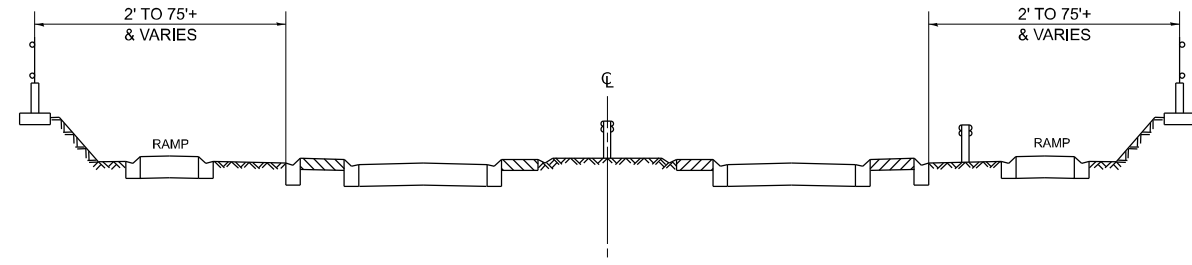




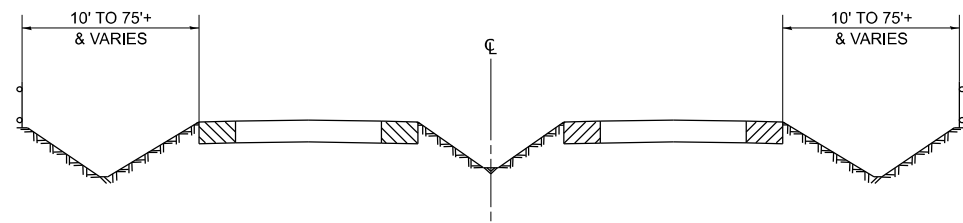
TYPICAL EXPRESSWAY CROSS-SECTION NO. 1



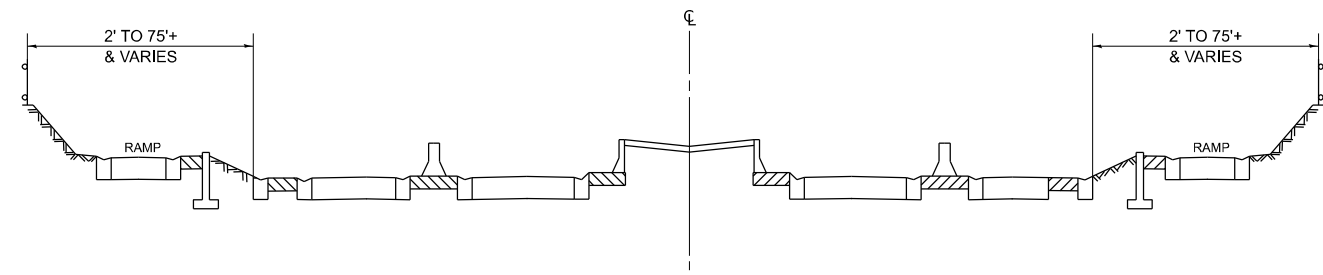
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



TYPICAL EXPRESSWAY CROSS-SECTION NO. 3



TYPICAL EXPRESSWAY CROSS-SECTION NO. 4



TYPICAL EXPRESSWAY CROSS-SECTION NO. 5

**NOTES:**

1. SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
2. ALL SCHEDULES OF ANTICIPATED STARTING DATES SHOWN ARE TENTATIVE AS DETERMINED BY THE DEPARTMENT'S OPERATIONAL NEEDS.
3. NO DAILY CONTRACTOR GRAFFITI REMOVAL 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.
4. 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.**
5. **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 EVE / NEW YEARS HOLIDAY
6. SOME LOCATIONS MAY REQUIRE WORK TO BE PERFORMED WITHIN RAILROAD RIGHT OF WAY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST OF RAILROAD FLAGGING SERVICES, PRELIMINARY ENGINEERING, CONSTRUCTION ENGINEERING, AND FIELD INSPECTION. THIS WORK SHALL BE PAID IN ACCORDANCE WITH ARTICLE 109.04 AND 109.05 OF THE STANDARD SPECIFICATIONS. THE CONTRACTOR SHALL PAY ALL COSTS FOR REQUIRED PERMITS TO OBTAIN PERMISSION FOR RIGHT OF ENTRY ON THE RAILROAD RIGHT OF WAY. THE COSTS FOR SUCH PERMITS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED AS PART OF THE CONTRACT.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING RAILROAD PROTECTIVE PUBLIC LIABILITY AND PROPERTY DAMAGE LIABILITY INSURANCE IN ACCORDANCE WITH ARTICLES 107.11 AND 107.12 OF THE STANDARD SPECIFICATIONS. IT IS TO BE CARRIED THROUGHOUT THE TERM OF CONTRACT.

**SUMMARY OF QUANTITIES**

CODE NO.	ITEM	UNIT	URBAN	100 % STATE
			TOTAL QUANTITIES	EXPRESSWAY
X0300062	GRAFFITI REMOVAL	SQ YD	35000	35000
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	LUMP SUM	1	1

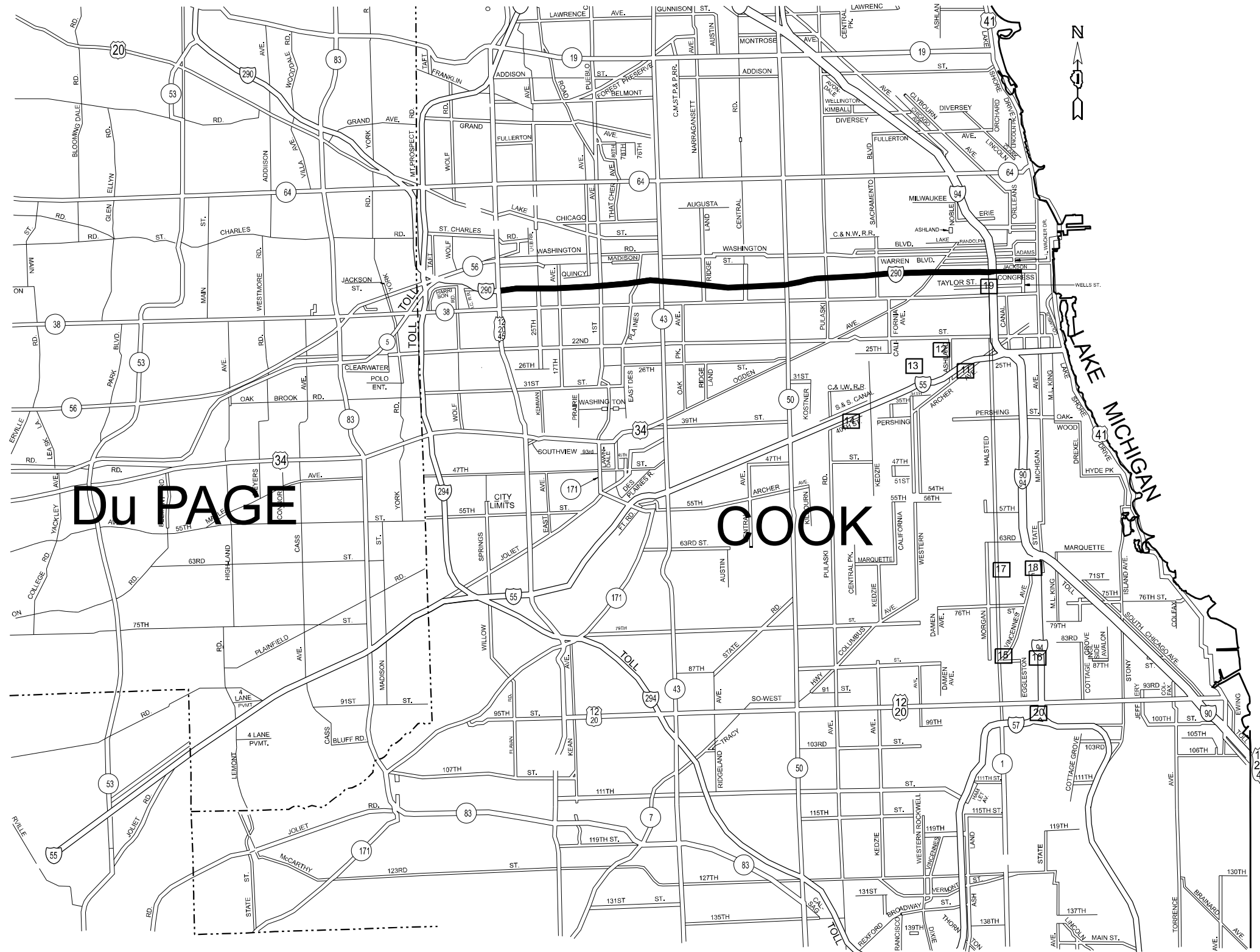
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PLOT DATE = 7/11/2024	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES, GENERAL NOTES, TYPICAL SECTIONS</b>			
SCALE:	SHEET	OF 1 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-994-I	COOK	6	3
			CONTRACT NO. 62W28	
ILLINOIS FED. AID PROJECT				



**GRAFFITI REMOVAL**

Eisenhower Expressway  
 Interstate 290 (Eisenhower) Expressway and all ramps from Wells Street to Mannheim Road.

- ACCIDENT INVESTIGATION SITES:**  
 FOR LOCATIONS 1-10, SEE INNER CITY EXPRESSWAY (NORTH SECTION)
- 11 INBOUND INTERSTATE 55 AT HALSTED STREET
  - 12 OUTBOUND INTERSTATE 55 AT THROOP STREET
  - 13 INBOUND INTERSTATE 55 AT WOOD STREET. (LOCATED UNDER I-55)
  - 14 OUTBOUND INTERSTATE 55 AT KEDZIE AVENUE
  - 15 INTERSTATE 90/94 AT 87th STREET (NORTHBOUND AND SOUTHBOUND)
  - 16 INTERSTATE 90/94 AT 71st STREET (NORTHBOUND AND SOUTHBOUND)
  - 17 INTERSTATE 90/94 AT POLK STREET
  - 18 INTERSTATE 90/94 AT KING DRIVE

**DISTRICT NO. 1**

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

MODEL: D:\m102 (Sheet) FILE NAME: p:\boc\p\work\m102\Documents\DOT Office\District 1\ORD Project\Docs and Ltr\Contract\2024\10724\CD\Map\CD\MapSheet\10724-1-1-24-1-1-24.mxd

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

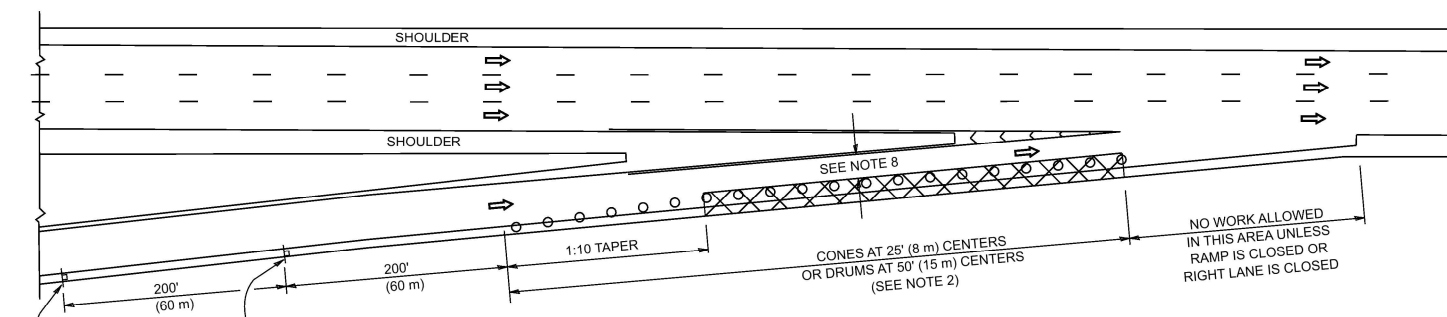
**EXPRESSWAY GRAFFITI CLEANING  
 I-290 (EISENHOWER)**

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

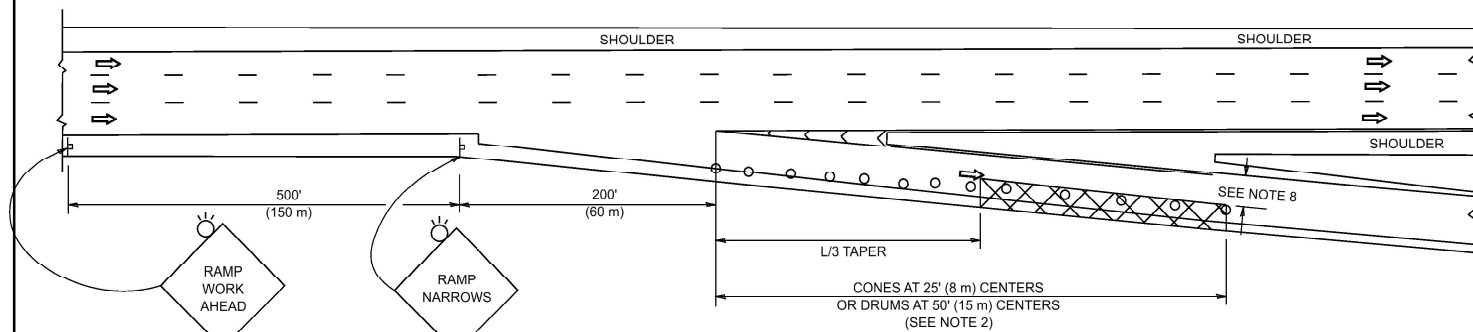
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-994-1	COOK	6	4
CONTRACT NO. 62W28			ILLINOIS FED. AID PROJECT	



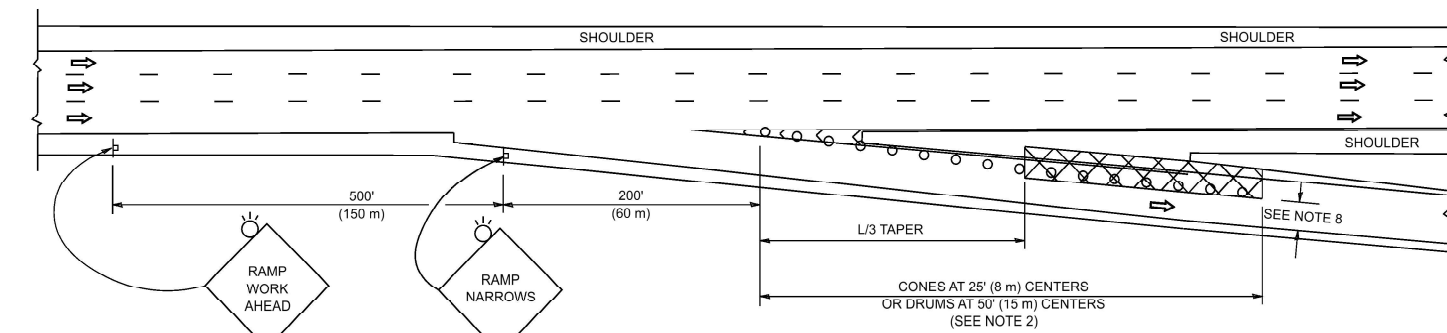
**PARTIAL RAMP CLOSURE DETAILS**



**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

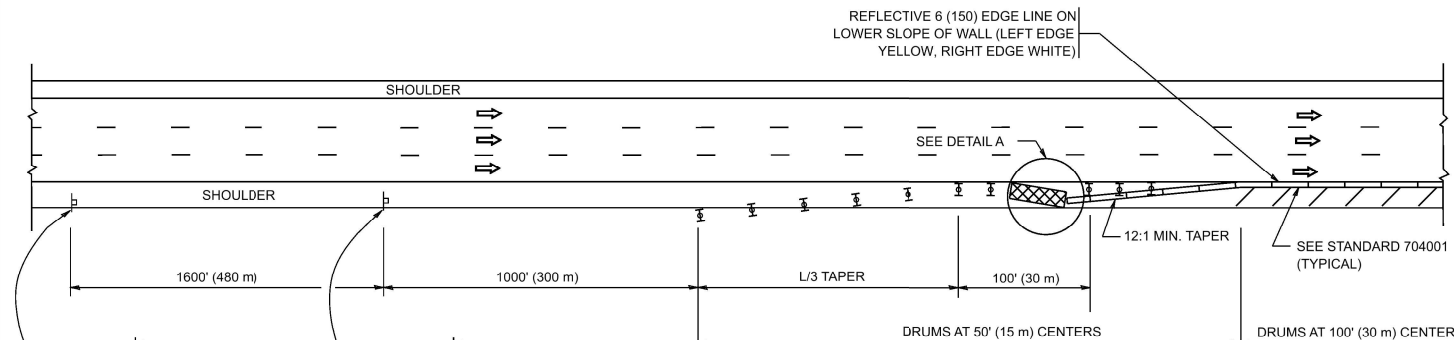
**GENERAL NOTES:**

- THE "L" DISTANCE EQUALS:  

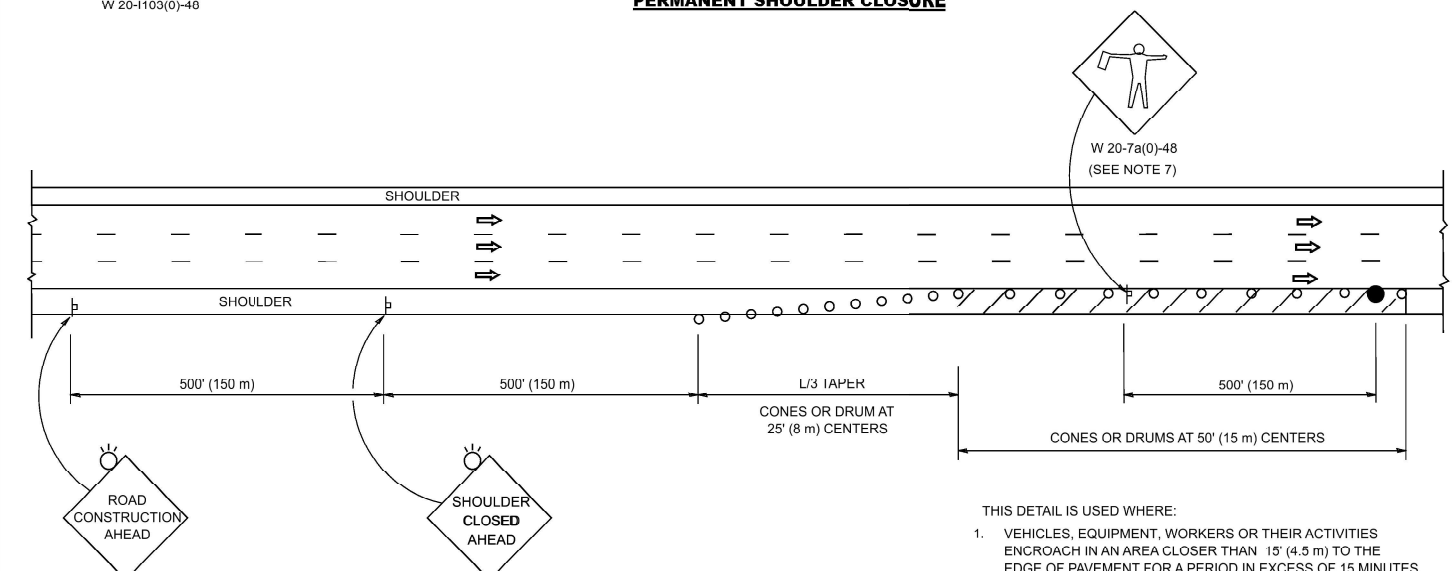
SPEED LIMIT	FORMULAS	
45 mph (80 km/h) OR GREATER:	METRIC	ENGLISH
	$L=0.85(W)(S)$	$L=(W)(S)$

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 DEFINING 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**

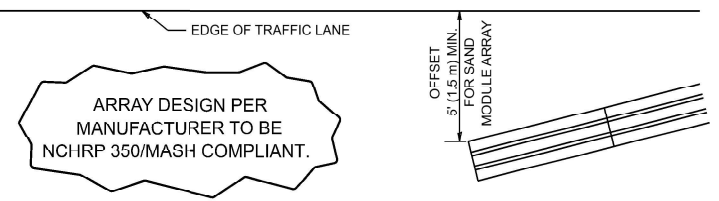


**PERMANENT SHOULDER CLOSURE**



**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.

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	DRAWN - D.W.S.	REVISED - M.D. 06-13
PLOT SCALE = 0.16666633' / in	CHECKED -	REVISED - M.D. 01-18
PLOT DATE = 10/31/2023	DATE - 11-96	REVISED - M.D. 10-20

**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.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
290	2024-994-1	COOK	6	6
<b>TC-17</b>			CONTRACT NO. 62W28	
ILLINOIS   FED. AID PROJECT				