

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|------------|----------|--------------------|-----------|
| 290 | 2024-983-1 | COOK | 5 | 1 |
| | | ILLINOIS | CONTRACT NO. 62X04 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

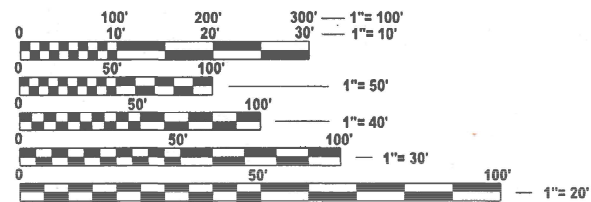
**PROPOSED
HIGHWAY PLANS**

**FAI ROUTE 290 (EISENHOWER EXPWY)
AUSTIN BLVD TO WELLS STREET
SECTION 2024-983-1
EXPRESSWAY HIGHWAY CLEANING (LITTER/ DEBRIS REMOVAL)
COOK COUNTY**

C-91-284-24



LOCATION MAP - SEE INDEX OF SHEETS



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

CONTRACT NO. 62X04

GROSS LENGTH = 77,088 FT. = 14.6 MILE
NET LENGTH = 77,088 FT. = 14.6 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED Aug 22nd 2024
Jacek EJMONT IR
REGIONAL ENGINEER

October 4, 2024
Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT

October 4, 2024
James J. G...
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

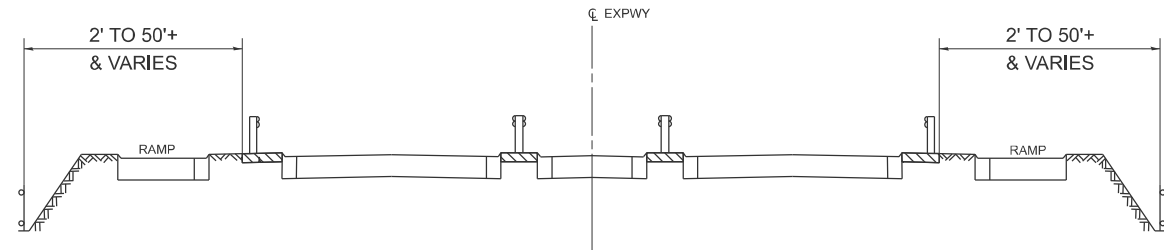
| SHEET NO. | DESCRIPTION |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | INDEX OF SHEETS AND STATE STANDARDS |
| 3 | GENERAL NOTES, SUMMARY OF QUANTITIES, & TYPICAL EXPRESSWAY CROSS-SECTIONS |
| 4 | I-290 (EISENHOWER) EXPRESSWAY CLEANING MAP |
| 5 | TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17) |

STATE STANDARDS

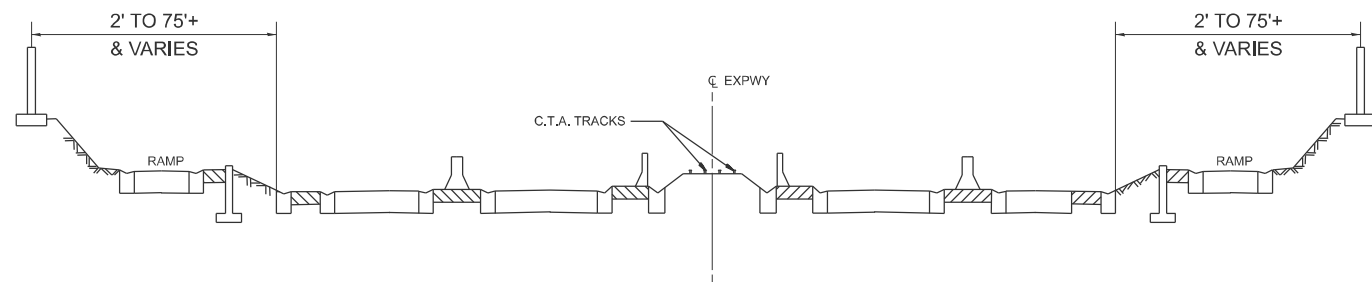
| STANDARD NO. | DESCRIPTION |
|--------------|--|
| 701106-02 | OFF-ROAD OPERATION MULTILANE, MORE THAN 15' AWAY |
| 701426-09 | LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS > 45 MPH |
| 701901-09 | TRAFFIC CONTROL DEVICES |

MODEL: gennotes-index [Sheet]
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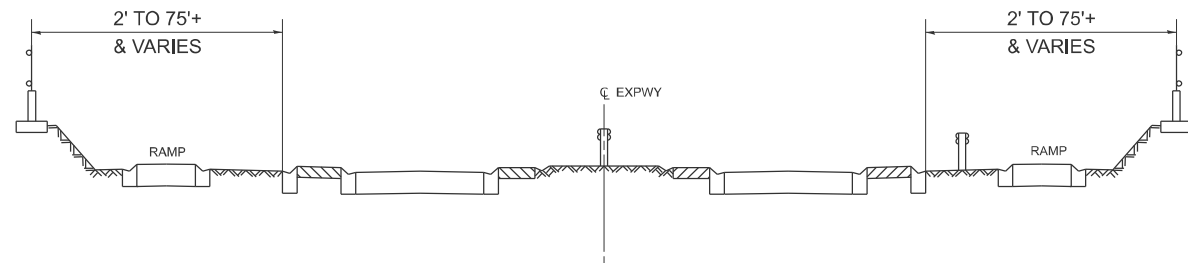
| USER NAME = jacek.ejmont PLOT SCALE = \$\$SCALE\$ PLOT DATE = 8/20/2024 | DESIGNED - DRAWN - CHECKED - DATE - | REVISED - REVISED - REVISED - REVISED - | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | INDEX OF SHEETS AND STATE STANDARDS | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>290</td> <td>2024-083-1</td> <td>COOK</td> <td>5</td> <td>2</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 62X04</td> </tr> <tr> <td colspan="5" style="text-align: center;">ILLINOIS FED. AID PROJECT</td> </tr> </table> | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | 290 | 2024-083-1 | COOK | 5 | 2 | CONTRACT NO. 62X04 | | | | | ILLINOIS FED. AID PROJECT | | | | |
|---|--|--|---|--|---|-------------|---------|--------|--------------|-----------|-----|------------|------|---|---|--------------------|--|--|--|--|-----------------------------|--|--|--|--|
| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | | | | | | | | | | | | | | | | | | | |
| 290 | 2024-083-1 | COOK | 5 | 2 | | | | | | | | | | | | | | | | | | | | | |
| CONTRACT NO. 62X04 | | | | | | | | | | | | | | | | | | | | | | | | | |
| ILLINOIS FED. AID PROJECT | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | SCALE: Full Size 1 = 1 | | SHEET OF 1 SHEETS STA. TO STA. | | | | | | | | | | | | | | | | | | | | |



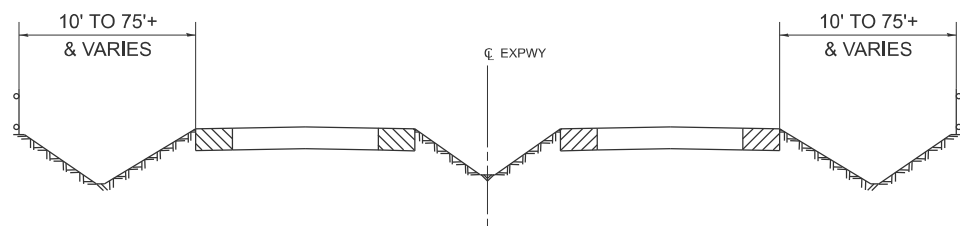
TYPICAL EXPRESSWAY CROSS-SECTION NO. 1



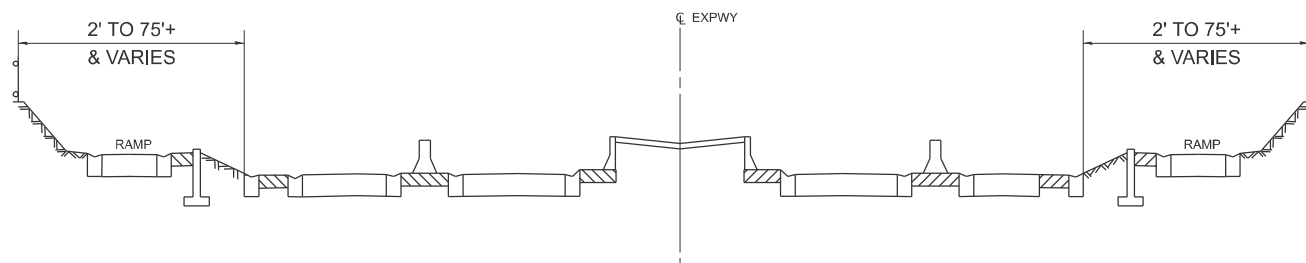
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



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. 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.
3. 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.
4. 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

| CODE NO. | ITEM | UNIT | URBAN | 100 % STATE 0044 |
|----------|----------------|------|------------------|------------------|
| | | | TOTAL QUANTITIES | EXPRESSWAY |
| X0326643 | LITTER PICKING | MILE | 417.6 | 417.6 |

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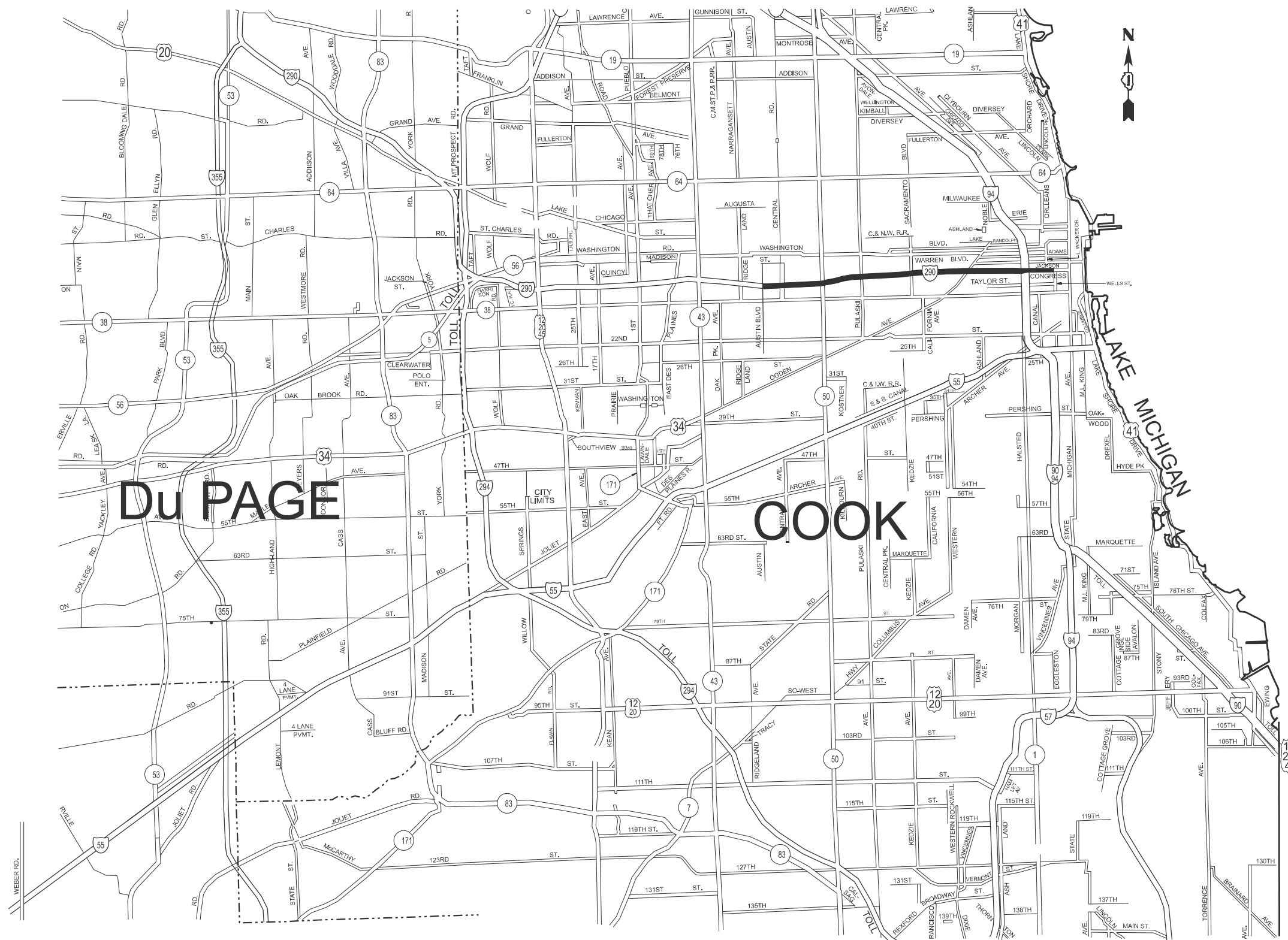
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| PLOT DATE = 8/20/2024 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

SCALE: 1"=50' SHEET OF 1 SHEETS STA. TO STA.

| | | | | |
|---------------------------|------------|--------|--------------|-----------|
| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 290 | 2024-983-I | COOK | 5 | 3 |
| CONTRACT NO. 62X04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



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| PLOT DATE = 8/20/2024 | DATE - | REVISED - |

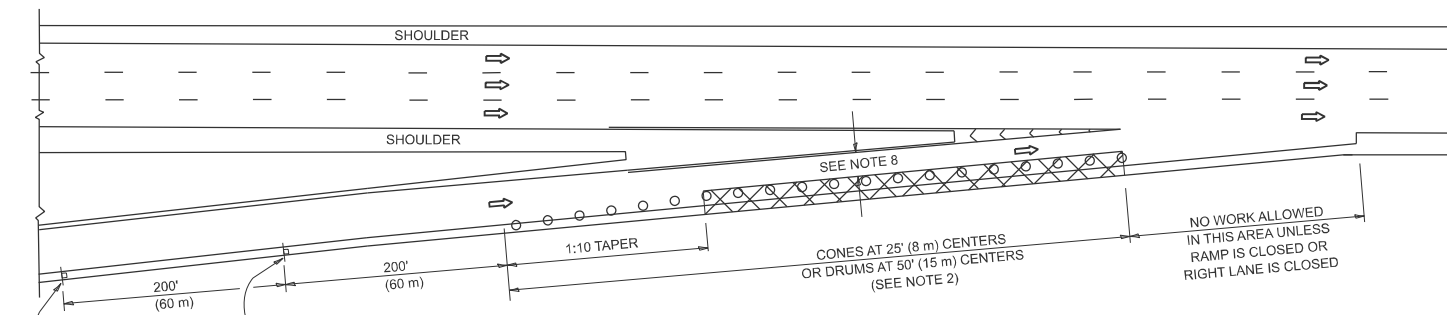
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-290 (EISENHOWER) EXPRESSWAY CLEANING MAP

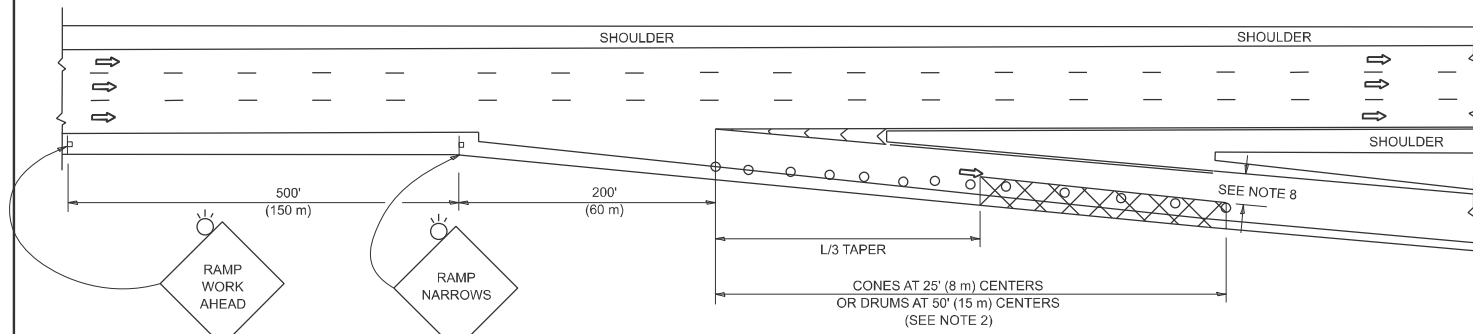
SCALE: 1"=50' SHEET OF 2 SHEETS STA. TO STA.

| F.A.I RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 290 | 2024-983-I | COOK | 5 | 4 |
| CONTRACT NO. 62X04 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

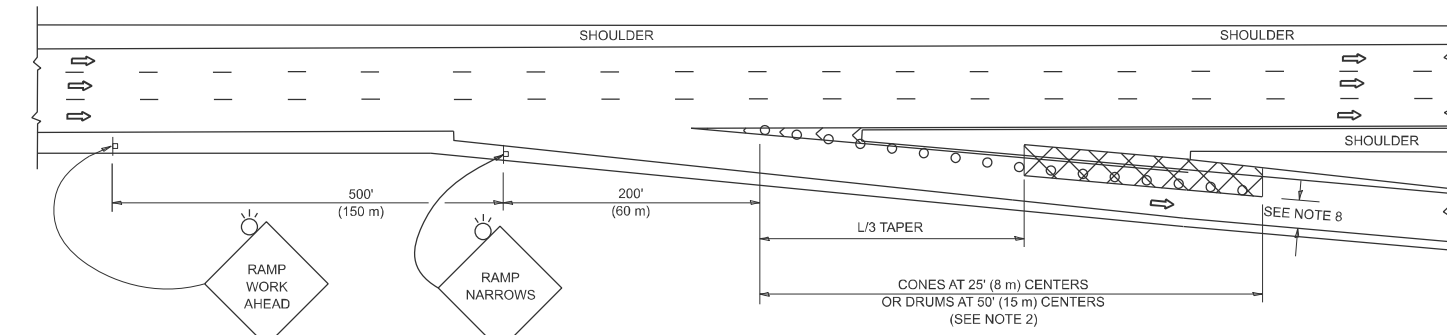
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

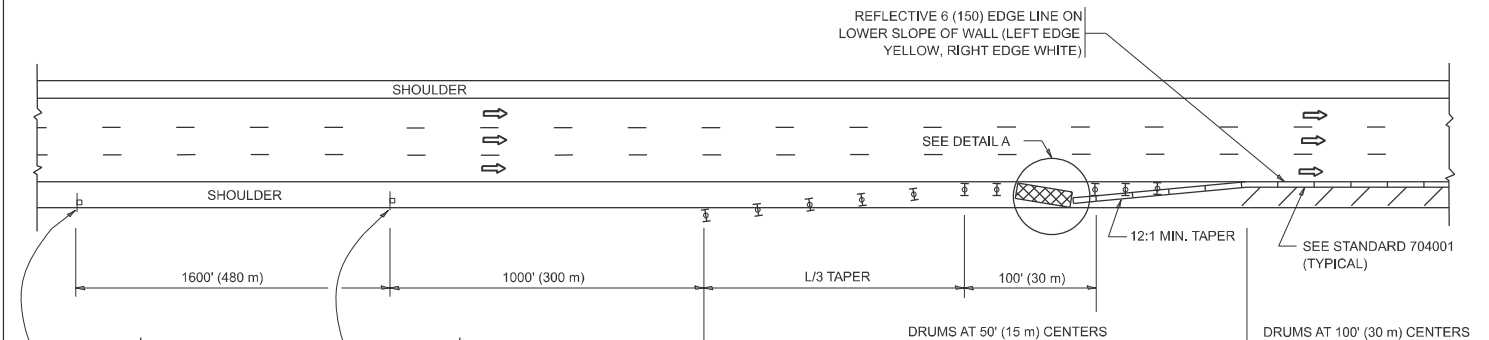
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

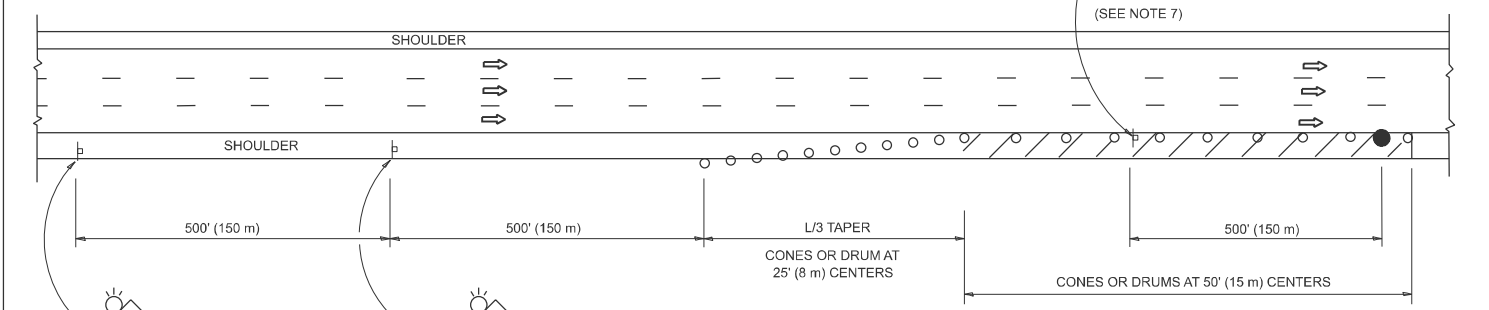
- THE "L" DISTANCE EQUALS:

| | |
|--------------------|--------------------------------------|
| SPEED LIMIT | FORMULAS |
| 45 mph (80 km/h) | 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

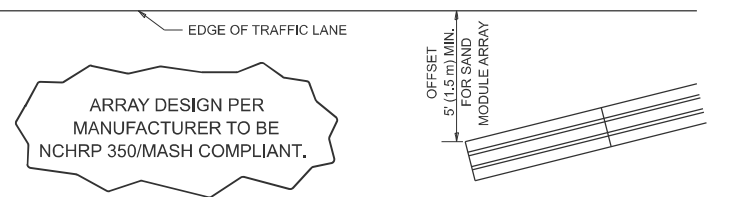


PERMANENT SHOULDER CLOSURE



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:
 - 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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| | | |
|-----------------------------|----------------|------------------------|
| USER NAME = rodrigo.ledezma | DESIGNED - | REVISED - S.P.B. 12-09 |
| | DRAWN - D.W.S. | REVISED - M.D. 06-13 |
| PLOT SCALE = \$SCALE\$ | CHECKED - | REVISED - M.D. 01-18 |
| PLOT DATE = 10/12/2023 | 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.

| | | | | |
|---------------------------|------------|--------|--------------------|-----------|
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| TC-17 | | | CONTRACT NO. 62X04 | |
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