

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------|-------------|----------|--------------------|-----------|
| 290 | 2026-2188-I | COOK | 6 | 1 |
| | | ILLINOIS | CONTRACT NO. 80D50 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

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

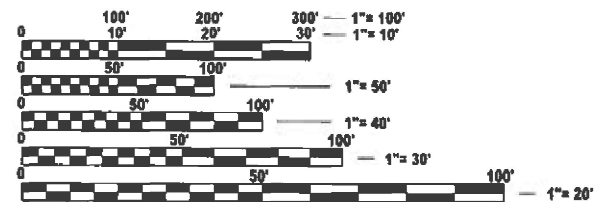
SECTION: 2026-2188-I

GRAFFITI REMOVAL

COOK COUNTY

C-91-309-26

D-91-269-26



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 SHEETS 4 THROUGH
5 FOR LOCATION MAPS**

PROJECT ENGINEER: OSCAR OLIVEROS (847) 705-4548
PROJECT MANAGER: PETER BLUMBERG (847) 705-4170

CONTRACT NO. 80D50

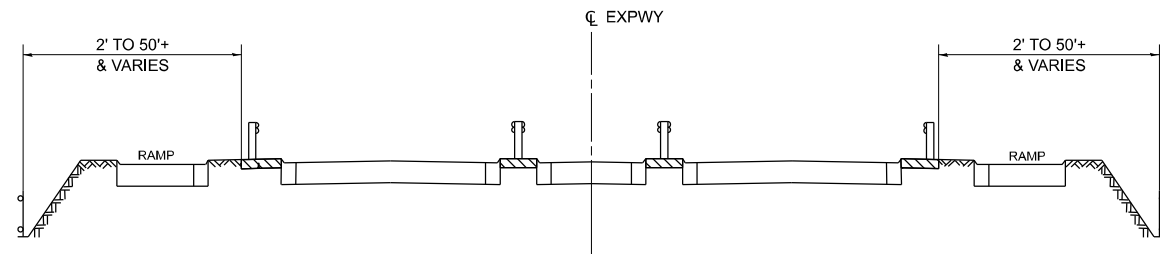
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 5th 2026
Peter Blumberg REGIONAL ENGINEER

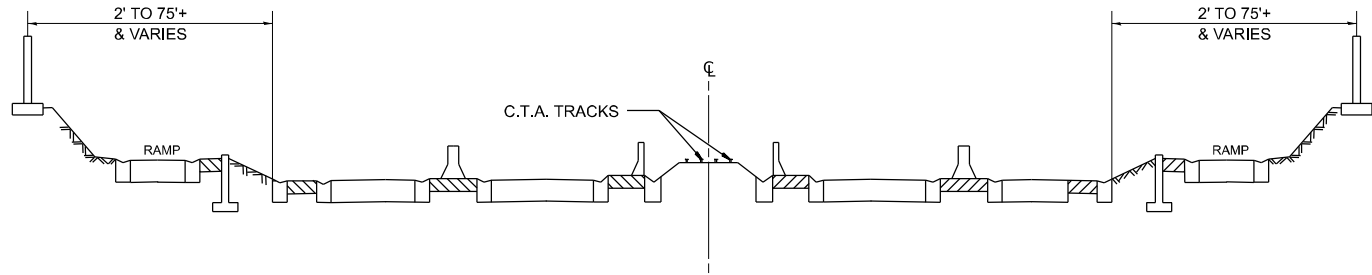
JUNE 26th 2026
Scott A. [Signature] ENGINEER OF DESIGN AND ENVIRONMENT

JUNE 26th 2026
[Signature] 5
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

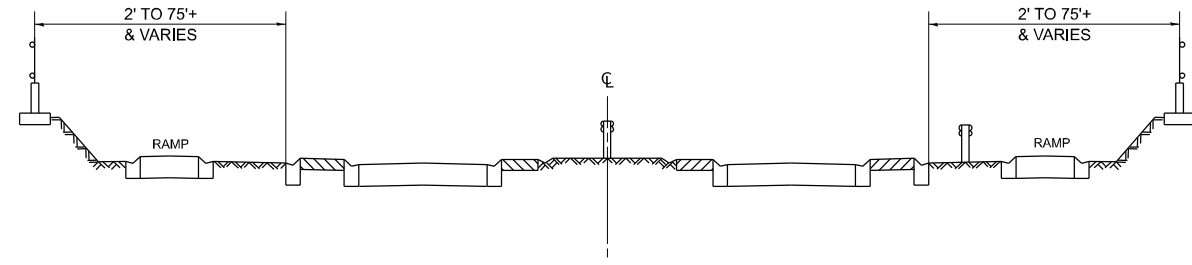
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**



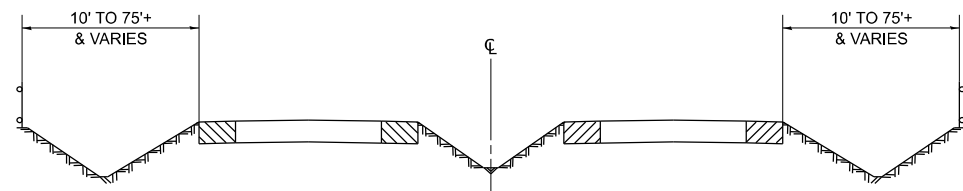
TYPICAL EXPRESSWAY CROSS-SECTION NO. 1



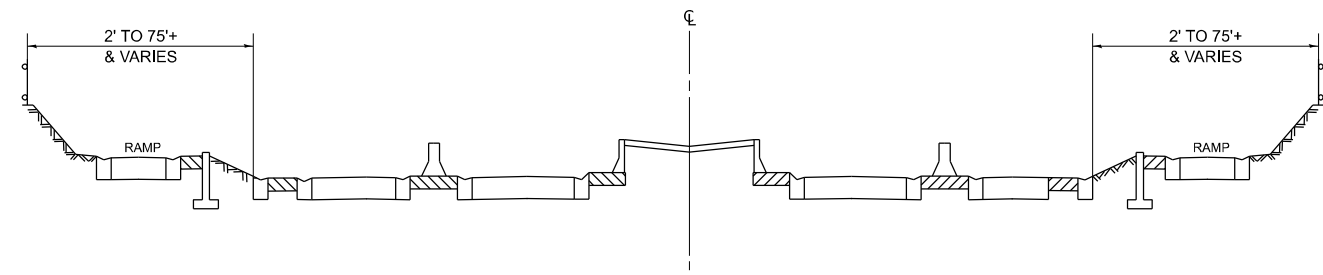
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



TYPICAL EXPRESSWAY CROSS-SECTION NO. 3



TYPICAL EXPRESSWAY CROSS-SECTION NO. 4



TYPICAL EXPRESSWAY CROSS-SECTION NO. 5

NOTES:

- SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
- ALL SCHEDULES OF ANTICIPATED STARTING DATES SHOWN ARE TENTATIVE AS DETERMINED BY THE DEPARTMENT'S OPERATIONAL NEEDS.
- 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.
- 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 EVE / NEW YEARS HOLIDAY
- 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.
- 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 |
| 67100100 | MOBILIZATION | LUMP SUM | 1 | 1 |

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FILE NAME: c:\p\work\typical\yuyang.deng@illinois.gov\1220571D\126926-shh-typical.dgn

| | | |
|-------------------------|------------|-------------------------|
| USER NAME = Yuyang.Deng | DESIGNED - | REVISED - JE 10/21/2024 |
| PLOT SCALE = \$SCALE\$ | DRAWN - | REVISED - |
| PLOT DATE = 4/29/2026 | CHECKED - | REVISED - |
| | DATE - | REVISED - |

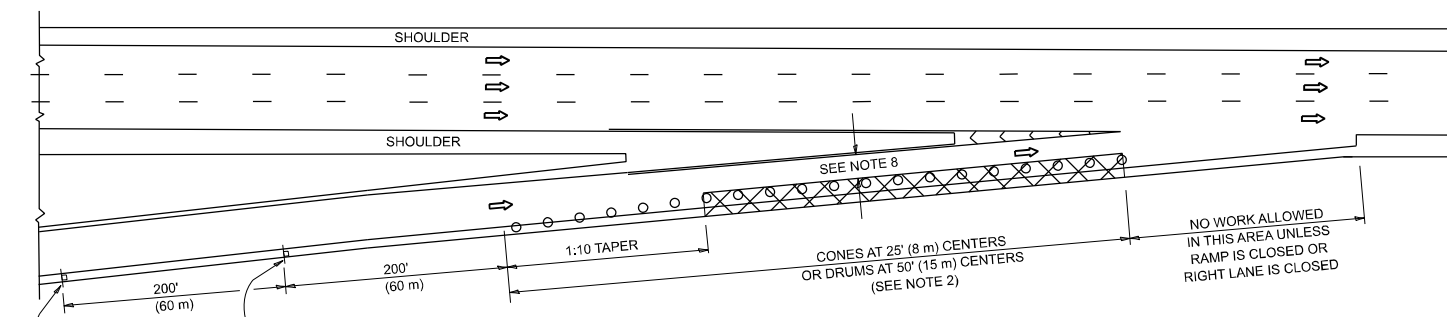
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES, GENERAL NOTES,
TYPICAL SECTIONS**

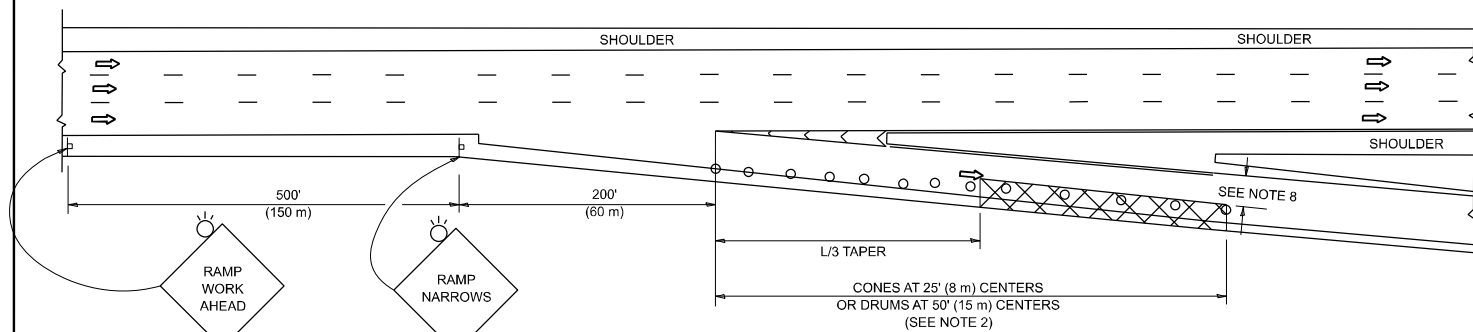
SCALE: SHEET OF 1 SHEETS STA. TO STA.

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| F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 290 | 2026-2188-I | COOK | 6 | 3 |
| ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 80D50 | |

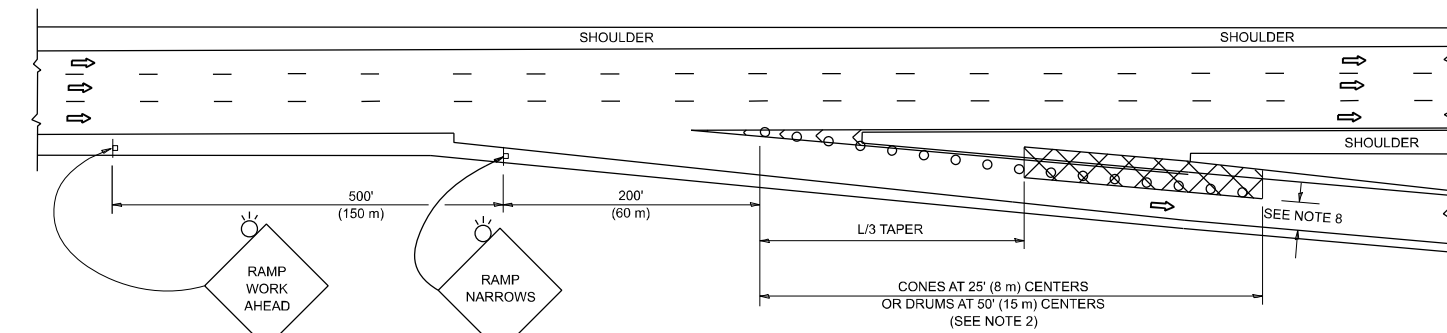
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

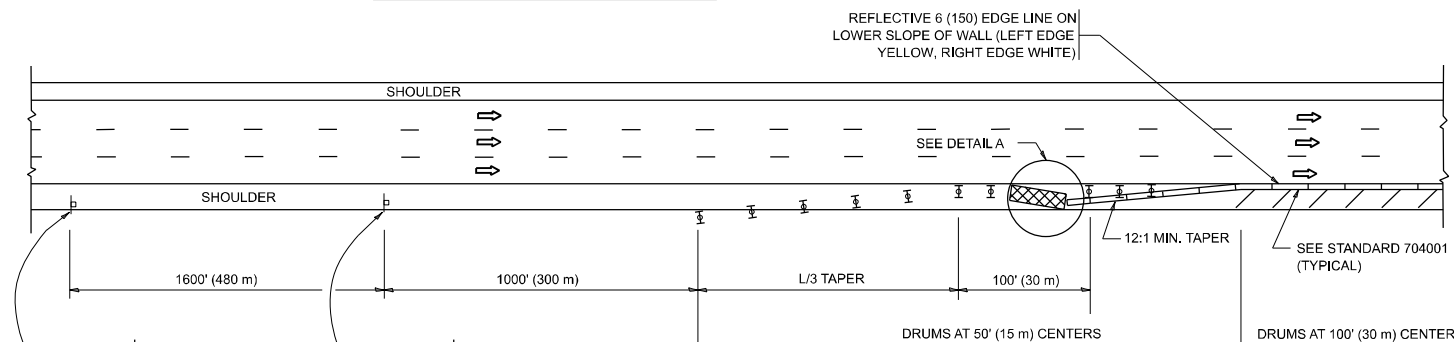
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

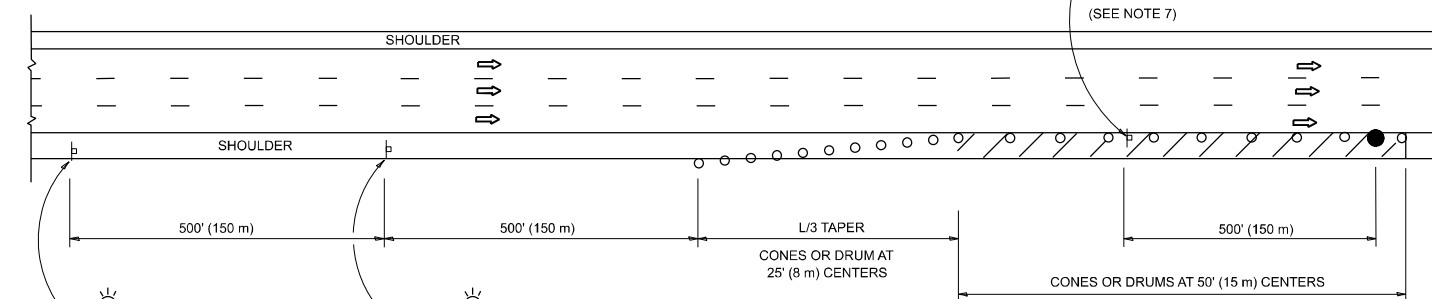
- THE "L" DISTANCE EQUALS:

| | |
|--------------------|--------------------------------------|
| 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

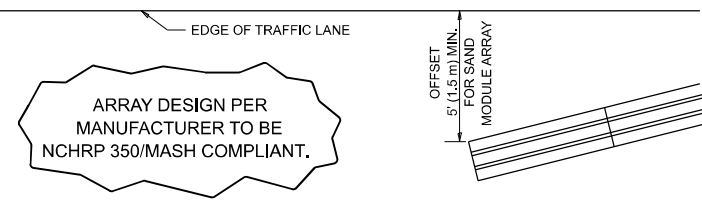


PERMANENT SHOULDER CLOSURE



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 AVTIVITY 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 = Yuyang,Deng | DESIGNED - | REVISED - S.P.B. 12-09 |
| | DRAWN - D.W.S. | REVISED - M.D. 06-13 |
| PLOT SCALE = \$SCALES\$ | CHECKED - | REVISED - M.D. 01-18 |
| PLOT DATE = 4/16/2026 | 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. 80D50 | |
| ILLINOIS FED. AID PROJECT | | | | |