

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A. RATE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------|------------|--------------------|--------------|-----------|
| VAR. | 2020-255-1 | # | 10 | 1 |
| | ILLINOIS | CONTRACT NO. 62N25 | | |

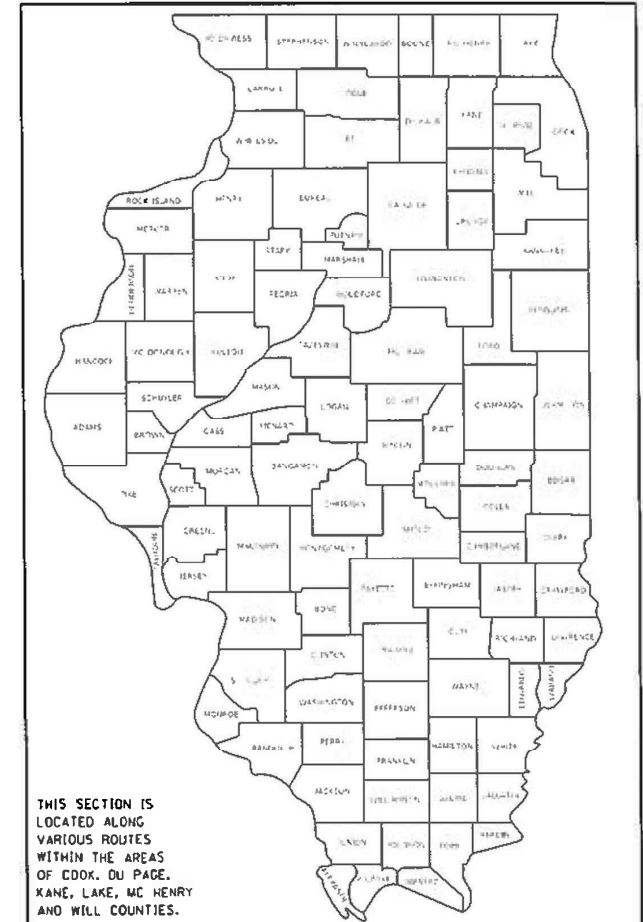
#COOK, DU PAGE, LAKE, WILL

D-91-065-21

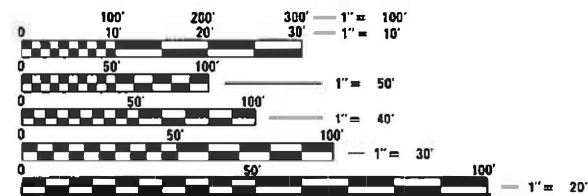
FOR INDEX OF SHEETS, SEE SHEET NO.

PROPOSED HIGHWAY PLANS

ROUTE: VARIOUS DISTRICT ONE
SECTION: 2020-255-1
EXPRESSWAY CLEANING (DAYTIME SWEEPING)
COUNTY: VARIOUS (COOK, DUPAGE, LAKE AND WILL)
C-91-070-21



LOCATION OF SECTION INDICATED THUS: - 



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 MAPS - SEE INDEX OF SHEETS

PROJECT MANAGER: J. ALAIN MIDY (847) 221-3056

CONTRACT NO. 62N25

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 16, 2020
David J. Wenzel REGIONAL ENGINEER
March 19, 2021
Scott A. Elk
ENGINEER OF DESIGN AND ENVIRONMENT
March 19, 2021
James J. Gu
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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7. EXPRESSWAY CLEANING: EISENHOWER, STEVENSON, I-55 & DAN RYAN
8. EXPRESSWAY CLEANING: BISHOP FORD, KINGERY, I-55, I-57 & I-80
9. SINGLE LANE WEAVE AND MULTI LANE WEAVE (TC-09)
10. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

- | | |
|-----------|--|
| 701400-10 | APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701401-12 | LANE CLOSURE, FREEWAY/EXPRESSWAY |
| 701411-09 | LANE CLOSURE, MULTILANE AT ENTERANCE/EXIT RAMP FOR SPEEDS > 45 MPH |
| 701426-09 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS > 45 MPH |
| 701428-01 | TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY |
| 701901-08 | TRAFFIC CONTROL DEVICES |

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

* COOK, DU PAGE, LAKE AND WILL

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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | INDEX OF SHEETS AND STATE STANDARDS |
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2020-255-I | * | 10 | 3 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

* COOK, DU PAGE, LAKE AND WILL

SUMMARY OF QUANTITIES

| CODE NO. | ITEM | UNIT | URBAN | 100 % STATE |
|----------|--------------------------------|------|------------------|-------------|
| | | | TOTAL QUANTITIES | EXPRESSWAY |
| Z0010617 | SUPPLEMENTAL SWEEPING | MILE | 600 | 600 |
| X0329915 | FULL EXPRESSWAY CLEANING CYCLE | EACH | 8 | 8 |

NOTES:

1. SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
2. THE CONTRACTOR MAY NOT START CLEANING CYCLES BEFORE THE DATES SCHEDULED IN THE PLANS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
3. NO WORK WILL BE ALLOWED DURING ANY LEGAL HOLIDAY PERIOD.
4. 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.
5. ALL LANE AND 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.**
6. BECAUSE SWEEPING OPERATIONS NEED WATER TO WORK EFFECTIVELY, SWEEPING WILL **NOT** BE ALLOWED WHEN TEMPERATURES OR WIND CHILL FACTORS ARE FORECASTED BY THE DEPARTMENTS CERTIFIED CONSULTING METEOROLOGISTS TO BE AT OR DROP BELOW FREEZING. **TEMPERATURE MUST BE ABOVE THIRTY TWO (32) DEGREES FARENHEIT.** ALL SHOULDER AND CURB LINES MUST BE FREE OF ANY EXISTING SNOW AND OR ICE. DRY SWEEPING SHALL BE ALLOWED ONLY IF IT IS CONSIDERED AN EMERGENCY, IMMEDIATE HAZARD, OR ANY WORK AS DESIGNATED BY THE DEPARTMENT THAT REQUIRES FIRST PRIORITY CORRECTIVE ACTION.
7. **NO** WORK WILL BE ALLOWED DAY OR NIGHT 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:

| | |
|------------------------------|------------------------------|
| 2021: APRIL 2 - APRIL 5 | EASTER HOLIDAY |
| MAY 28 - JUNE 2 | MEMORIAL DAY HOLIDAY |
| JULY 3 - JULY 7 | INDEPENDENCE DAY HOLIDAY |
| SEPTEMBER 3 - SEPTEMBER 7 | LABOR DAY HOLIDAY |
| NOVEMBER 22 - NOVEMBER 28 | THANKSGIVING HOLIDAY |
| DECEMBER 23 - JANUARY 1/2022 | CHRISTMAS/NEW YEAR'S HOLIDAY |

PLOT DATE = 11/16/2020
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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
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| NAME | DATE | |
| | | SUMMARY OF QUANTITIES AND SCHEDULE OF STARTING DATES |
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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| VAR. | 2020-255-1 | * | 10 | 4 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

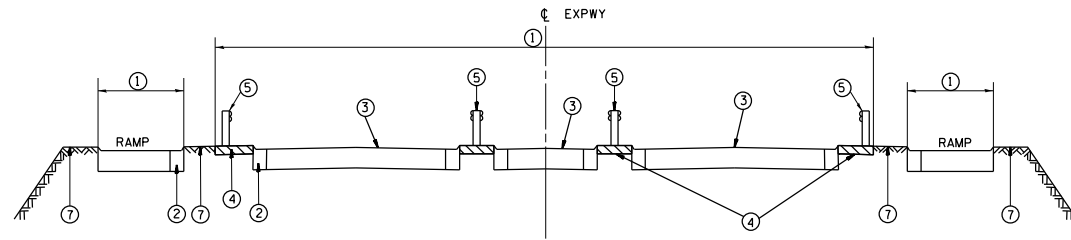
* COOK, DU PAGE, LAKE AND WILL

LEGEND

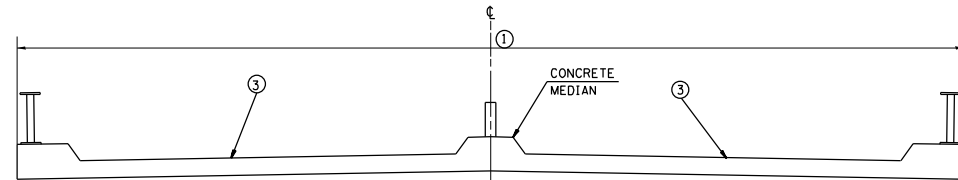
- ① AREA OF ROADWAY CLEANING, DEBRIS AND RUBBISH REMOVAL
- ② CURB AND GUTTER
- ③ TRAVELED ROADWAY
- ④ STABILIZED SHOULDER OR MEDIAN OR SIDEWALK
- ⑤ STEEL PLATE GUARD RAIL (SEE NOTE A)
- ⑥ CONCRETE BARRIER
- ⑦ NON STABILIZED SURFACE
- ⑧ RAISED CONCRETE MEDIAN

NOTE:

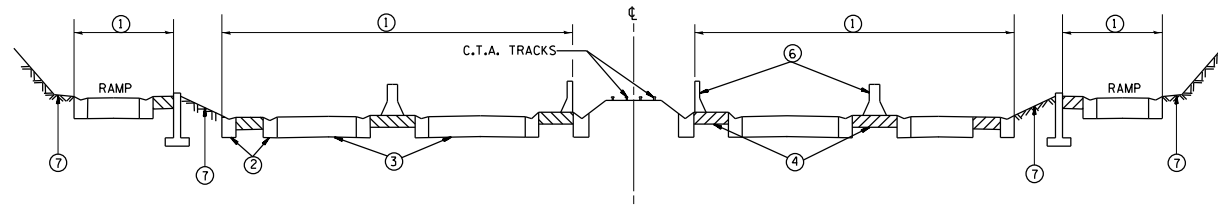
- A) ALL LOCATIONS OF GUARDRAIL SHALL BE CLEANED OF ALL DEBRIS AND RUBBISH INCLUDING BUT NOT LIMITED TO DIRT, DIRT WITH WEEDS, SAND, GRAVEL, ROCKS, CONCRETE, WOOD, LIMBS, LEAVES, DEAD GRASS, GARBAGE & ANIMAL CARCASSES BY HAND LABORING UNDERNEATH AND 10 FEET SURROUNDING THE GUARDRAIL WITH STABILIZED AND NON-STABILIZED AREAS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL IN THE CONTRACT UNIT PRICE FOR ALL FULL CLEANING CYCLES.
- B) ALL MATERIAL/DEBRIS REGARDLESS OF THE THICKNESS SHALL BE REMOVED AND PROPERLY DISPOSED FROM THE STABILIZED SURFACE UNDER AND 10 FEET SURROUNDING ALL GUARDRAIL.
- C) ALL DRAINAGE STRUCTURES MUST BE CLEARED OF DEBRIS WITHIN THE MEDIAN AND 10 FEET OF THE STABILIZED SHOULDER (RIGHT HAND SIDE)
- D) ALL LARGE DEBRIS/RUBBISH SHALL BE REMOVED FROM THE STATE RIGHT OF WAY REGARDLESS OF DISTANCE FROM THE STABILIZED SURFACE. LARGE DEBRIS/RUBBISH INCLUDE BUT NOT LIMITED TO: TIRE, TIRE TREADS, VEHICLE RIMS, VEHICLE PARTS, BUMPERS, BOXES, PALLETS, STRAPS, ETC.



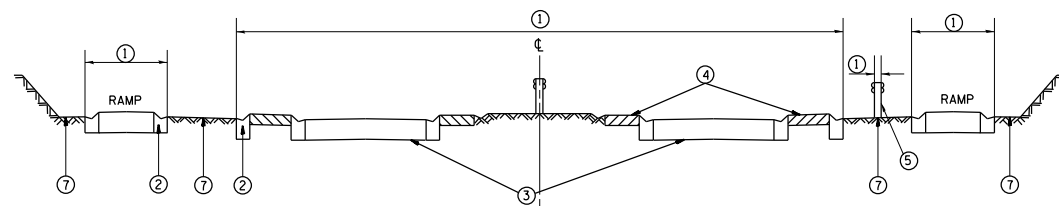
TYPICAL EXPRESSWAY CROSS-SECTION NO. 1



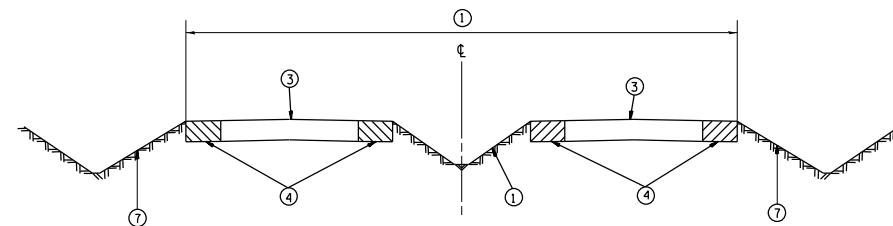
TYPICAL CROSS-SECTION OF ELEVATED ROADWAY
TYPICAL EXPRESSWAY CROSS-SECTION NO. 2



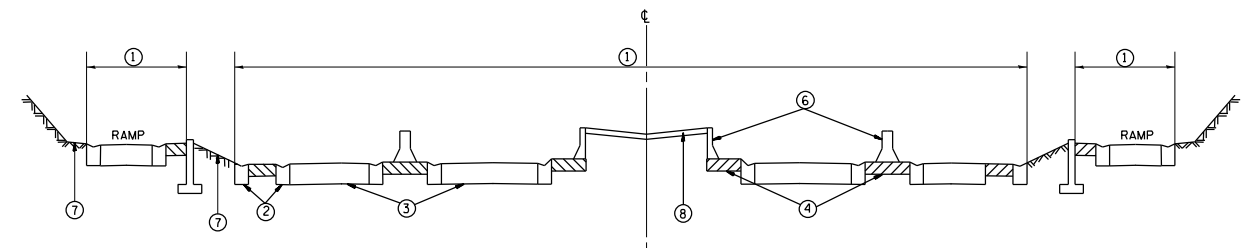
TYPICAL EXPRESSWAY CROSS-SECTION NO. 3



TYPICAL EXPRESSWAY CROSS-SECTION NO. 4



TYPICAL EXPRESSWAY CROSS-SECTION NO. 5



TYPICAL EXPRESSWAY CROSS-SECTION NO. 6

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ILLINOIS DEPARTMENT OF TRANSPORTATION

TYPICAL EXPRESSWAY CROSS-SECTIONS

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| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
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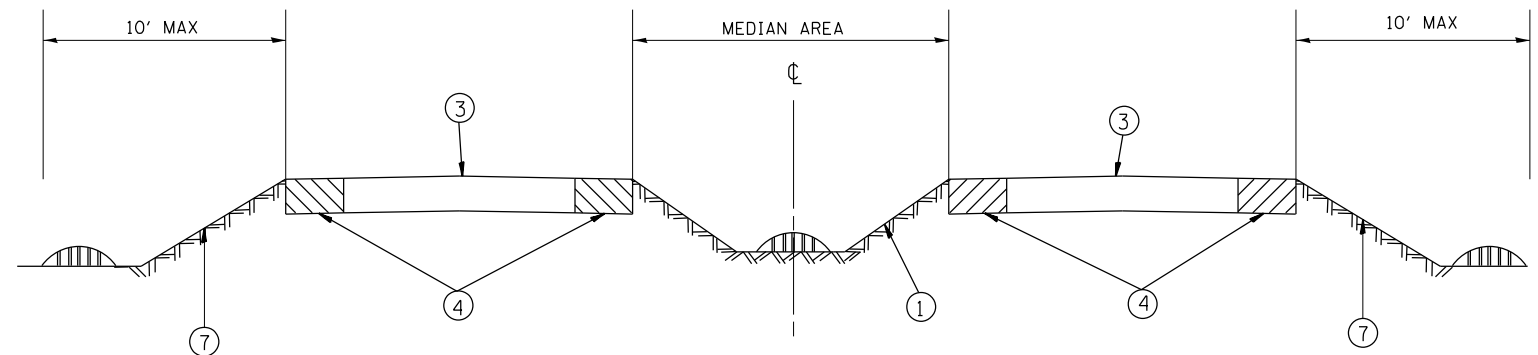
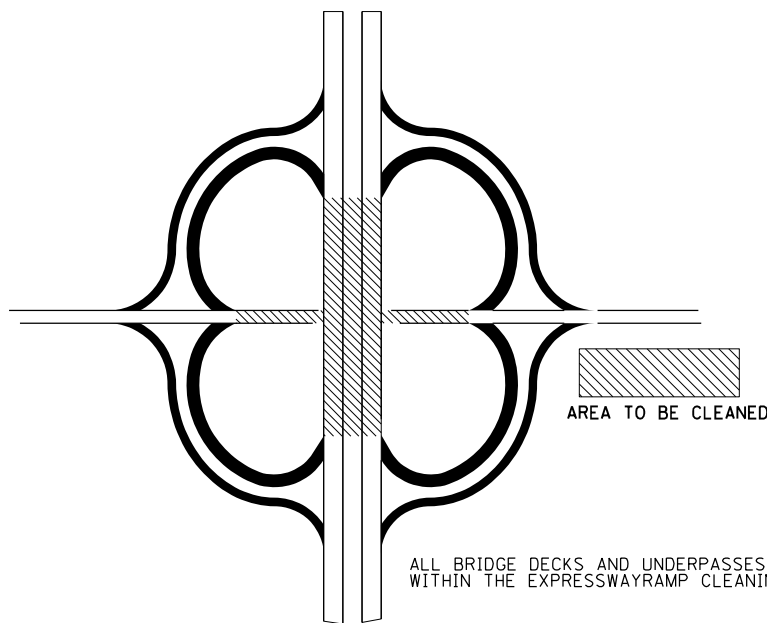
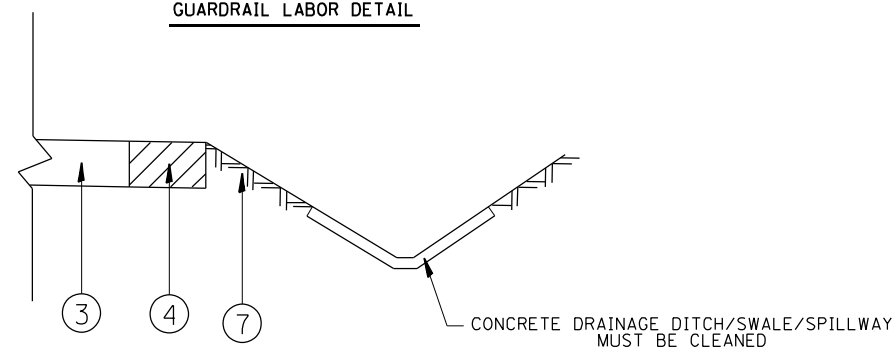
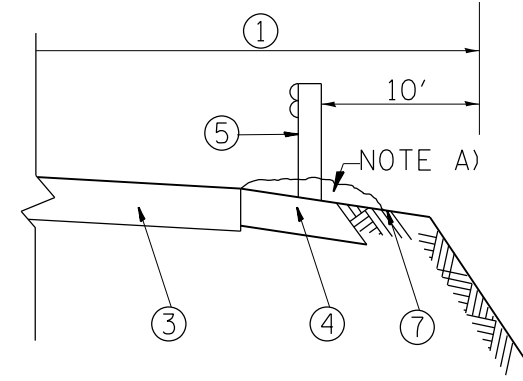
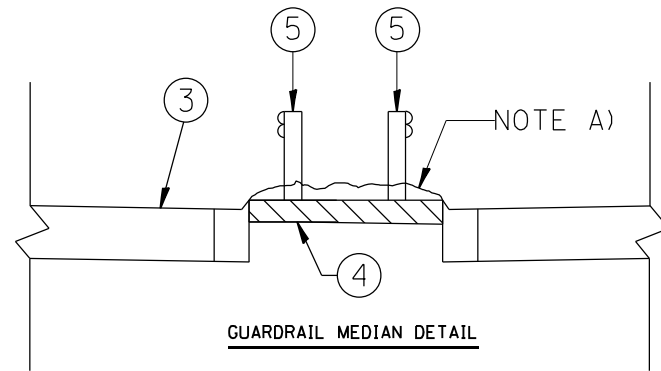
* COOK, DU PAGE, LAKE AND WILL

NOTE:

- A) ALL LOCATIONS OF GUARDRAIL SHALL BE CLEANED OF ALL DEBRIS AND RUBBISH INCLUDING BUT NOT LIMITED TO DIRT, DIRT WITH WEEDS, SAND, GRAVEL, ROCKS, CONCRETE, WOOD, LIMBS, LEAVES, DEAD GRASS, GARBAGE & ANIMAL CARCASSES BY HAND LABORING UNDERNEATH AND 10 FEET SURROUNDING THE GUARDRAIL WITH STABILIZED AND NON-STABILIZED AREAS. THIS WORK SHALL BE CONSIDERED AS INCIDENTAL IN THE CONTRACT UNIT PRICE FOR ALL FULL CLEANING CYCLES.
- B) ALL MATERIAL/DEBRIS REGARDLESS OF THE THICKNESS SHALL BE REMOVED AND PROPERLY DISPOSED FROM THE STABILIZED SURFACE UNDER AND 10 FEET SURROUNDING ALL GUARDRAIL.
- C) ALL DRAINAGE STRUCTURES MUST BE CLEARED OF DEBRIS WITHIN THE MEDIAN AND 10 FEET OF THE STABILIZED SHOULDER (RIGHT HAND SIDE)
- D) ALL LARGE DEBRIS/RUBBISH SHALL BE REMOVED FROM THE STATE RIGHT OF WAY REGARDLESS OF DISTANCE FROM THE STABILIZED SURFACE. LARGE DEBRIS/RUBBISH INCLUDE BUT NOT LIMITED TO: TIRE, TIRE TREADS, VEHICLE RIMS, VEHICLE PARTS, BUMPERS, BOXES, PALLETS, STRAPS, ETC.

LEGEND

- ① AREA OF ROADWAY CLEANING, DEBRIS AND RUBBISH REMOVAL
- ② CURB AND GUTTER
- ③ TRAVELED ROADWAY
- ④ STABILIZED SHOULDER OR MEDIAN OR SIDEWALK
- ⑤ STEEL PLATE GUARD RAIL (SEE NOTE A)
- ⑥ CONCRETE BARRIER
- ⑦ NON STABILIZED SURFACE
- ⑧ RAISED CONCRETE MEDIAN



STRUCTURE CLEANING DETAIL

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ILLINOIS DEPARTMENT OF TRANSPORTATION

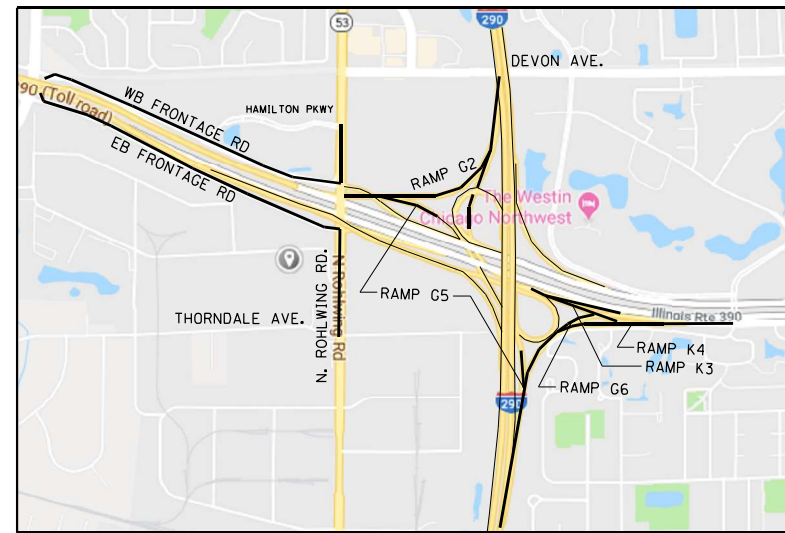
TYPICAL ROADWAY CLEANING DETAILS

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| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |

* COOK, DU PAGE, LAKE AND WILL



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

DAY CLEANING ONLY

I-290 Extension

I-290 from Illinois 83 to Interstate 90 Jane Addams Tollway, Illinois 53 from Interstate 90 Jane Addams Tollway to Lake Cook Road including I-355 from I-290 to Army Trail Road.

Edens Expressway

Interstate 94 from Montrose to Dundee Road and U.S. 41 from Dundee Road to 700 lineal feet north of Illinois 137 including two ramps at Clavey Road, two ramps at West Park Avenue, four ramps at Deerpath Road and the entire US 41/Deerfield Road interchange. Also included is Tower Road from Edens Expressway to Forestway Drive.

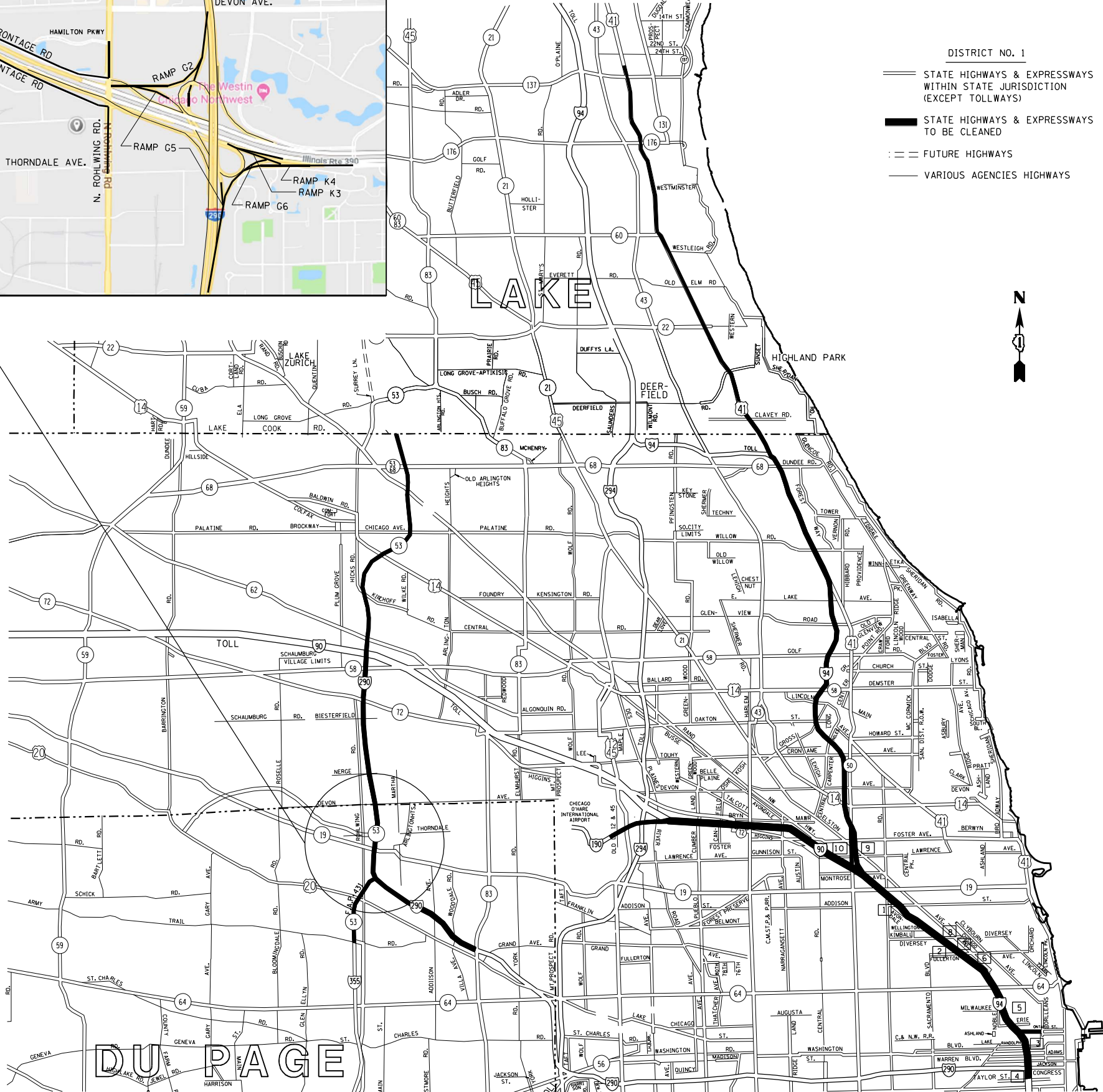
Kennedy Expressway

All ramps on Interstate 90/94 from Ogden Ave. to Interstate 90/94 Junction at Edens Expressway, Interstate 90 from Interstate 90/94 Junction at Edens Expressway to Interstate 90/190 Junction, and Interstate 190 from Interstate 90/190 Junction to the East Limits of O'Hare International Airport (Bessie Coleman Rd.) unless ramps are too narrow to allow traffic to pass sweeping crew.

ACCIDENT INVESTIGATION SITES:

1. INBOUND INTERSTATE 90/94 AT ADDISON STREET OFF RAMP.
2. INBOUND INTERSTATE 90/94 ALONG FULLERTON AVENUE UNDER INTERSTATE 90/94.
3. INBOUND INTERSTATE 90/94 IN THE OHIO STREET INFIELD.
4. INTERSTATE 90/94 AT POLK AVENUE.
5. OUTBOUND INTERSTATE 90/94 ALONG DIVISION STREET OFF RAMP.
6. OUTBOUND INTERSTATE 90/94 ALONG INTERSTATE 90/94 AT DAMEN AVENUE.
7. OUTBOUND INTERSTATE 90/94 ALONG FULLERTON AVENUE UNDER INTERSTATE 90/94.
8. OUTBOUND INTERSTATE 90/94 ALONG KIMBALL STREET OFF RAMP.
9. OUTBOUND INTERSTATE 94 ALONG FOSTER AVENUE OFF RAMP.
10. OUTBOUND INTERSTATE 90/94 JUST BEFORE LAWRENCE AVENUE OFF RAMP.

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| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION | |
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EXPRESSWAY CLEANING LOCATION MAP
I-290 EXTENSION/ILL. 53, EDENS, KENNEDY

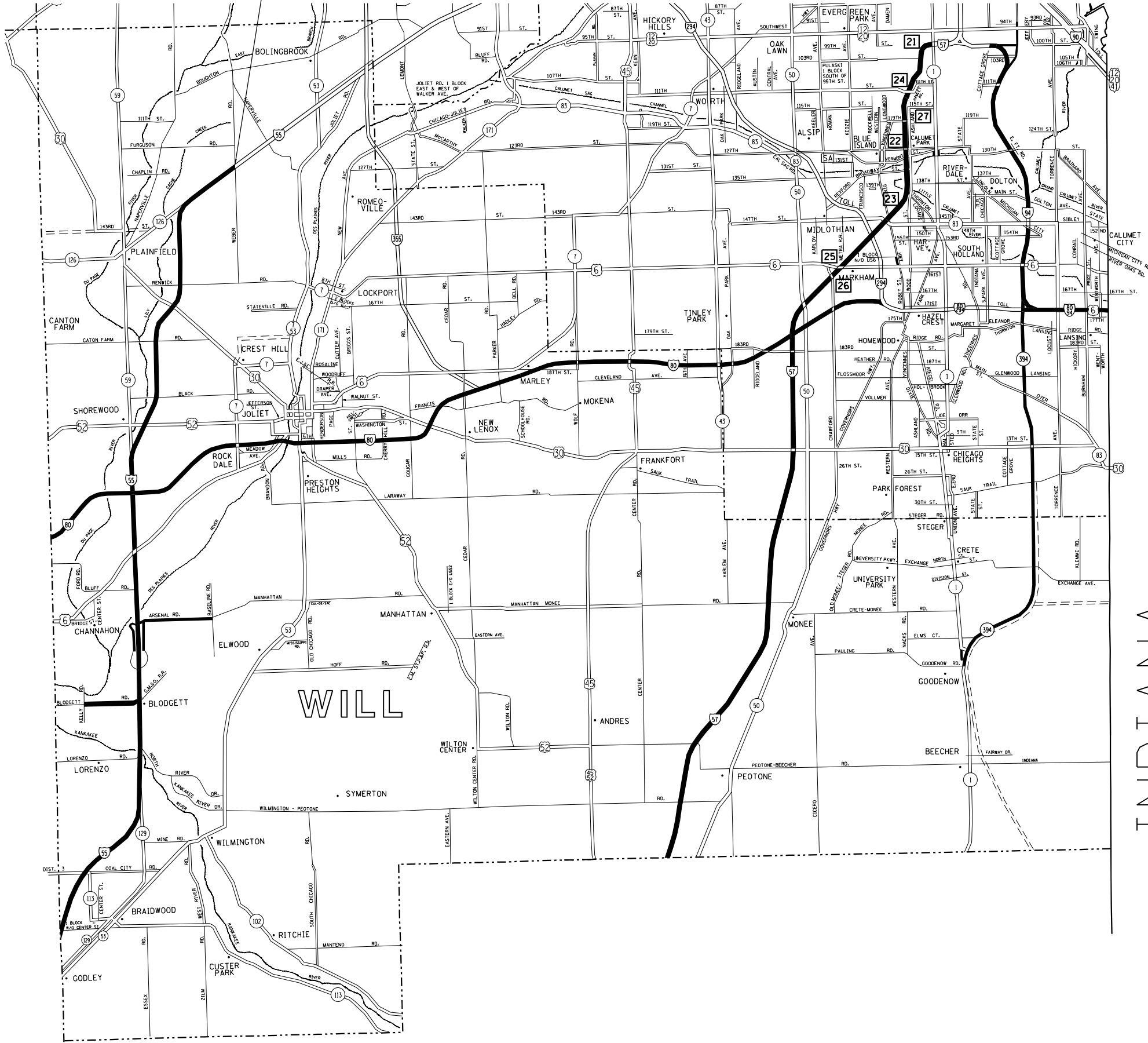
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* COOK, DU PAGE, LAKE AND WILL

CONTINUED ON SHEET NO. 8



DAY CLEANING ONLY

Bishop Ford/Kingery Expressway

Interstate 94 from Cottage Grove Avenue to the Indiana State line excluding northbound and southbound left hand side from Cottage Grove Ave. to 171st St., Illinois 394 from Interstate 94 to Goodenow Rd. and the entire Stony Island Avenue - 103rd Street Interchange. Interstate 80 from Interstate 94 to Interstate 294 and all accident investigation sites.

I-57 Expressway

Interstate 57 from Halsted Street to the Will-Kankakee County Line, in its entirety including the entire I-57 - I-80 interchange and all accident investigation sites, and from Interstate 57 to Interstate 94 Dan Ryan right hand side only.

- [21] - [23] INTERSTATE 57-3 LOCATIONS IN THE MEDIAN BETWEEN HALSTED AND 147th ST.
- [24] OUTBOUND INTERSTATE 57 AT 111th STREET EXIT RAMP
- [25] - [26] INTERSTATE 57 - 2 LOCATIONS ON THE 167th STREET RAMPS
- [27] INTERSTATE 57 - IN THE MEDIAN AT 119th STREET

I-80 Expressway

Interstate 80 from Interstate 294 Tri-State Tollway/Interstate I-294 to US 30 and all ramps, including the ramp from eastbound Interstate 80 to northbound Interstate 294 and from southbound Interstate 294 to westbound Interstate 80.

Note: Include the following two (2) ramps at Interstate 294
 1. Southbound Interstate 294 to westbound Interstate 80.
 2. Eastbound Interstate 80 to northbound Interstate 294.

NOTE: 3

WEST OF WHEELER RD CAN ONLY BE OCCUPIED BY ONE SWEEPING CREW AT A TIME.

INDIANA

DISTRICT NO. 1

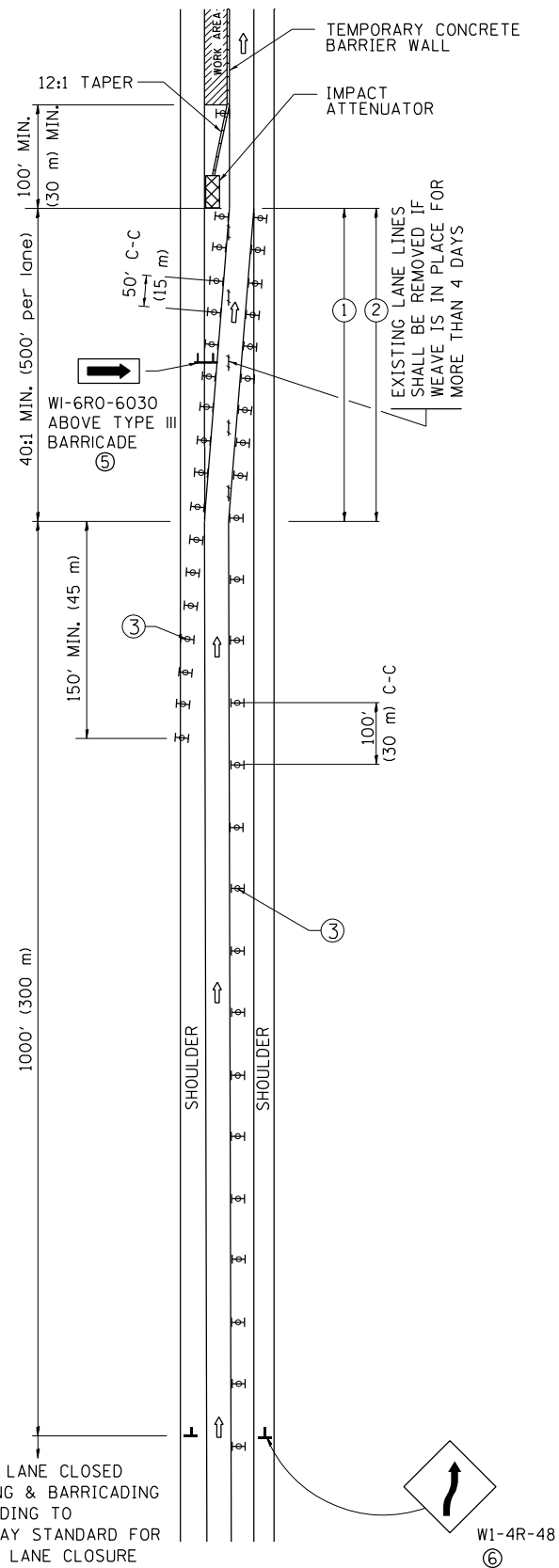
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
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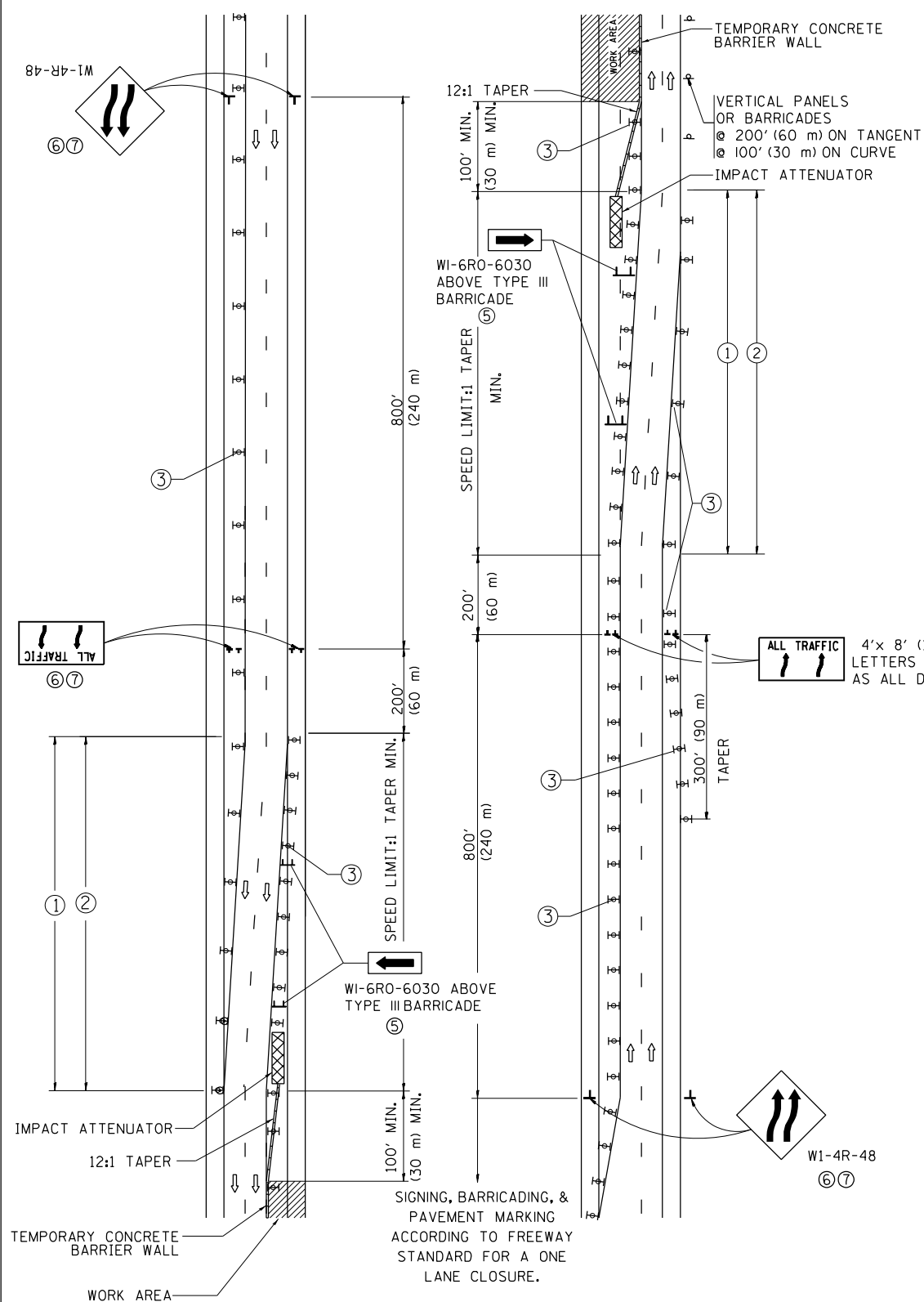
ILLINOIS DEPARTMENT OF TRANSPORTATION
 EXPRESSWAY CLEANING LOCATION MAP
 BISHOP FORD, KINGERY, I-55, I-57 AND I-80
 SCALE: VERT. / HORIZ.
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SINGLE LANE WEAVE



MULTI-LANE WEAVE



GENERAL NOTES

- ① EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
- ② CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
- ③ PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
- ④ ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ⑤ TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
- ⑥ WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
- ⑦ THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

SYMBOLS

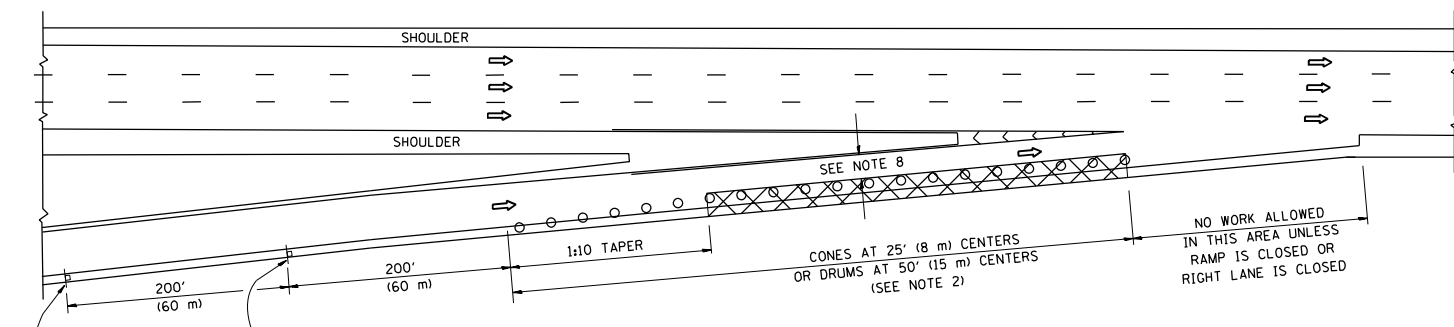
- DIRECTION OF TRAFFIC
- WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
- TEMPORARY CONCRETE BARRIER WALL
- IMPACT ATTENUATOR
- W1-4R-48
- W24-1-48

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

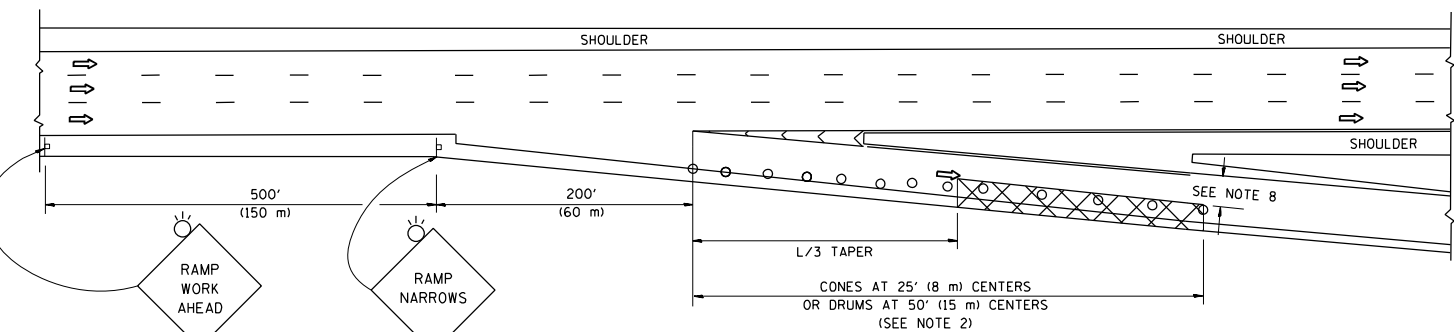
* COOK, DU PAGE, LAKE AND WILL

| | | | | | | | | | | | | |
|--|--------------------|----------------|---------------------|---|--|-------------------------|--------------|---|---------|--------|--------------|-----------|
| FILE NAME = | USER NAME = midyja | DESIGNED - DWS | REVISED - JAF 02-06 | STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE | | | F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| pw:\planroom.dot.illinois.gov\PIDOT\Documents\DOT Offices\District 1\Projects\Sweeping\CONTRACTS\EADData\Design\Sweeping\CONTRACTS\REVISED | DRAWN | SPB 01-07 | REVISED - SPB 12-09 | | | | | 2020-255-1 | * | 10 | 9 | |
| PLOT SCALE = 100.0000' / in. | CHECKED - | DATE - 02-87 | REVISED - MD 06-13 | | TC-09 | | | CONTRACT NO. 62N25 | | | | |
| PLOT DATE = 11/16/2020 | | | | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. TO STA. | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | |

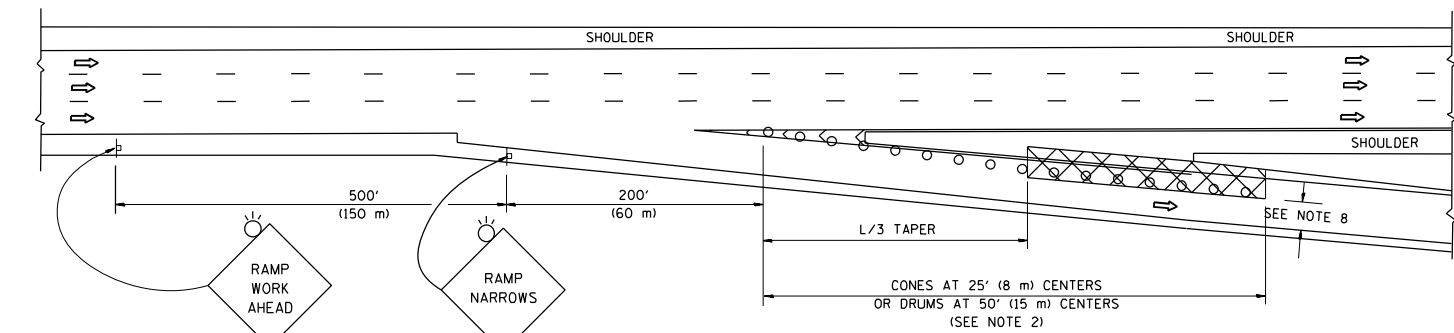
PARTIAL RAMP CLOSURE DETAILS



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

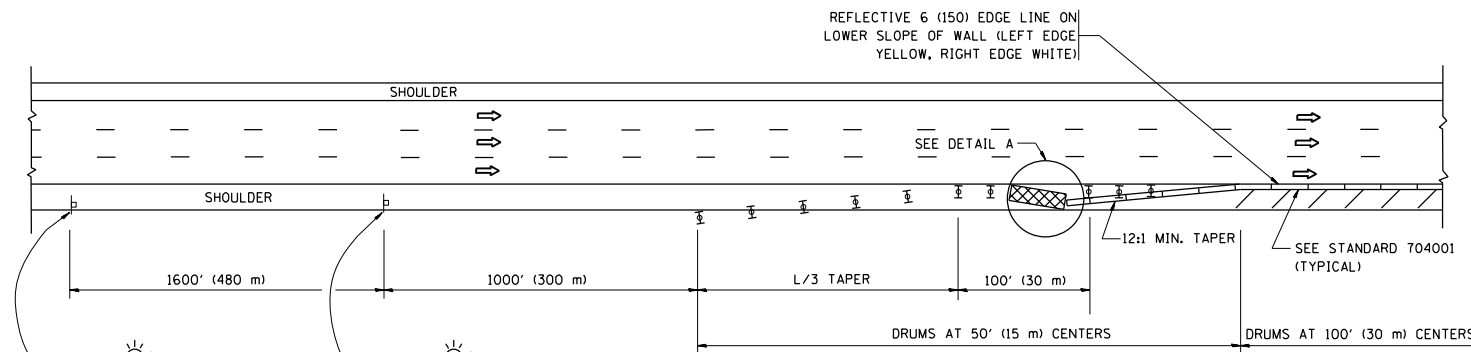
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

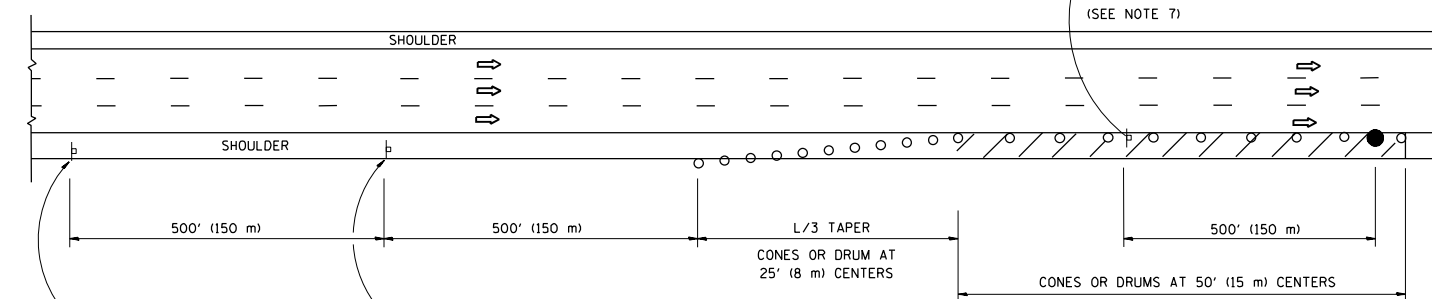
| | |
|------------------|-------------------------------|
| SPEED LIMIT | FORMULAS |
| 45 mph (80 km/h) | METRIC ENGLISH |
| OR GREATER: | $L = 0.65(W)(S)$ $L = (W)(S)$ |

W = WIDTH OF OFFSET IN FEET (METERS)
 S = NORMAL POSTED SPEED MPH (KM/H)
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.

SHOULDER CLOSURE DETAILS

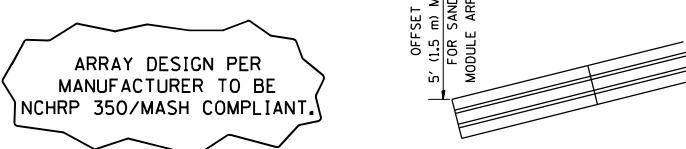


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

- THIS DETAIL IS USED WHERE:
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRANCH 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)

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 AVTIVITY REQUIRES FREQUENT ENCRACHMENT 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.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

* COOK, DU PAGE, LAKE AND WILL

| | | | |
|--|------------------------------|--------------|------------------------|
| FILE NAME = | USER NAME = midyja | DESIGNED - | REVISED - S.P.B. 01-07 |
| pw:\planroom.dot.illinois.gov\PIWOT\Documents\IDOT Offices\District 1\Projects\Sweeping\Drawings\6000\Drawings\Sweeping\CONTRACTOR\REVISED | | DRAWN - | REVISED - S.P.B. 12-09 |
| Default | PLOT SCALE = 100.0000' / in. | CHECKED - | REVISED - M.D. 06-13 |
| | PLOT DATE = 11/16/2020 | DATE - 11-96 | REVISED - M.D. 01-18 |

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. |
| | 2020-255-1 | * | 10 | 10 |
| | TC-17 | | CONTRACT NO. 62N25 | |
| ILLINOIS FED. AID PROJECT | | | | |