

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55&94	2019-017-1	COOK & DUPAGE	7	1
		ILLINOIS	CONTRACT NO. 62H94	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

1) F.A.I. ROUTE 55 (I-55 – STEVENSON EXPY)
I-355 TO I-90 /94

2) F.A.I. ROUTE 94: (I-94 – EDEN EXPY)
US 14 (DEMPSTER ST.) TO IL 68 (DUNDEE RD.)

SECTION: 2019-017-1

BUS ON SHOULDER CLEANING (SWEEPING)

PROJECT: CMAQ-UISY(796)
COOK & DUPAGE COUNTIES

C-91-342-19

FOR INDEX OF SHEETS, SEE SHEET NO. 2

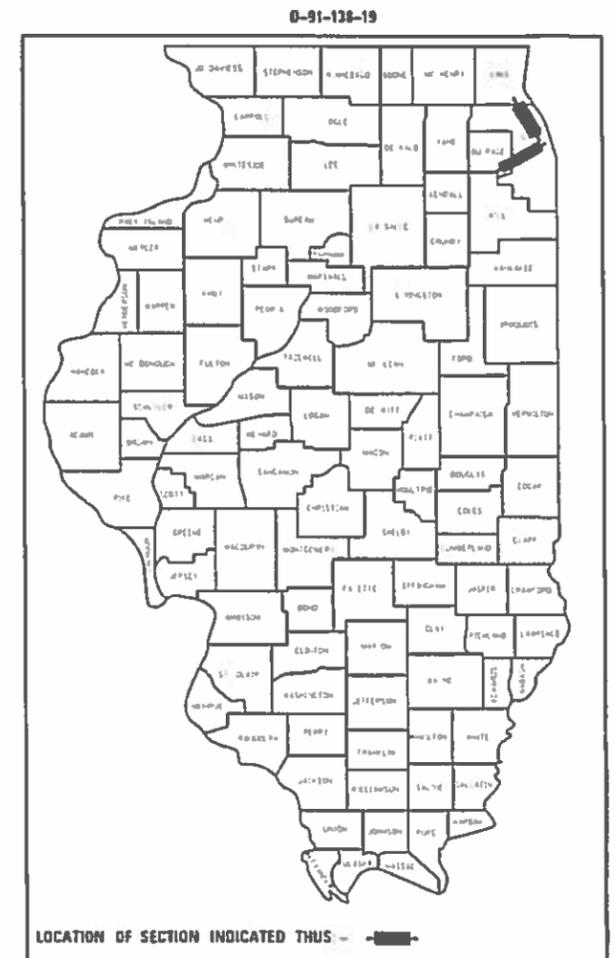
TRAFFIC DATA:

I-55

2016 ADT: 178,000

I-94

2016 ADT: 165,200



FOR LOCATION MAPS
SEE SHEETS 5-6

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

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

CONTRACT NO. 62H94

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED ~~February 8~~ 20 19

Anthony A. Quigley 193
REGIONAL ENGINEER

May 10 20 19

ENGINEER OF DESIGN AND SUPERVISION

Paul P. [Signature]
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

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- 5-6. EXPRESSWAY CLEANING
7. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES (TC-17)

701101-05
701426-09
701901-06

STATE STANDARDS

OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FORM PAVEMENT EDGE
LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥45 MPH
TRAFFIC CONTROL DEVICES

GENERAL NOTES

FOR ALL MOVING OPERATIONS ON EITHER THE SHOULDER OR WHEN A LANE IS CLOSED, VEHICLES SHALL BE EQUIPED WITH TRUCK/TRAILER MOUNTED ATTENUATOR AND ARROW BOARD AS SHOWN IN DETAIL C OF HIGHWAY STANDARD 701426. WHILE OPERATIONS ARE ENTIRELY ON THE SHOULDER, ARROW BOARDS SHALL BE IN WARNING MODE (NO ARROW SHOWING).

TRUCK MOUNTED ATTENUATORS ARE REQUIRED ON ALL CLEANING OPERATIONS.

WHEN WITHIN THE INNER CITY THE TWO FOLLOW VEHICLES SHALL HAVE A TRUCK MOUNTED ATTENUATOR.

WHEN THE SHOULDER DOES NOT EXIST, OR IS NARROW, FOLLOWING VEHICLES SHOWN ON THE SHOULDER SHALL RIDE AS CLOSE TO THE EDGE OF THE TRAVELLED WAY AS PRACTICAL AND THE SPACING TO THE NEXT VEHICLE REDUCED TO APPROXIMATELY 150m (500 FT).

WATER TRUCKS USED TO CONTROL DUST PROPAGATION ARE ALLOWED TO OPERATE BY THEMSELVES. THEY SHALL AVOID SUDDEN STOPS.

ALL VEHICLES SHALL HAVE HEADLIGHTS AND EMERGENCY FLASHERS OPERATING AND SHALL DISPLAY AN AMBER COLORED OSCILLATING, ROTATING OR FLASHING LIGHT(S). AT LEAST ONE AMBER LIGHT IS TO BE VISIBLE FROM ANY DIRECTION.

ALL SWEEPERS, WATER TRUCKS AND FOLLOW VEHICLES SHALL HAVE ARROW BOARDS, AND APPROPRIATE SIGNS.

LONGITUDINAL DISTANCES MAY BE ADJUSTED TO FIT FIELD CONDITIONS. THE LATERAL PLACEMENT OF THE FLAGGER MAY BE VARIED FROM THAT SHOWN ON THE STANDARD.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS, AND GENERAL NOTES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -					CONTRACT NO. 62H94				
	PLOT DATE = 2/8/2019	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

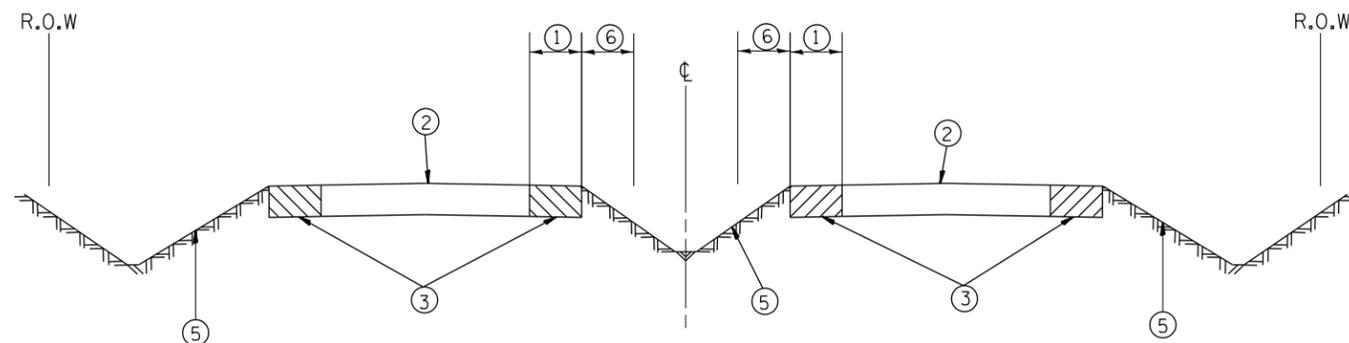
SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODE: 0044		
				100% STATE		90% FED 10% STATE CMAQ
				URBAN	I-55 DUPAGE COUNTY	I-55 COOK COUNTY
X3700003	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 1	EACH	52	52	0	0
X3700004	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 2	EACH	52	0	52	0
X3700005	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 3	EACH	52	0	0	52

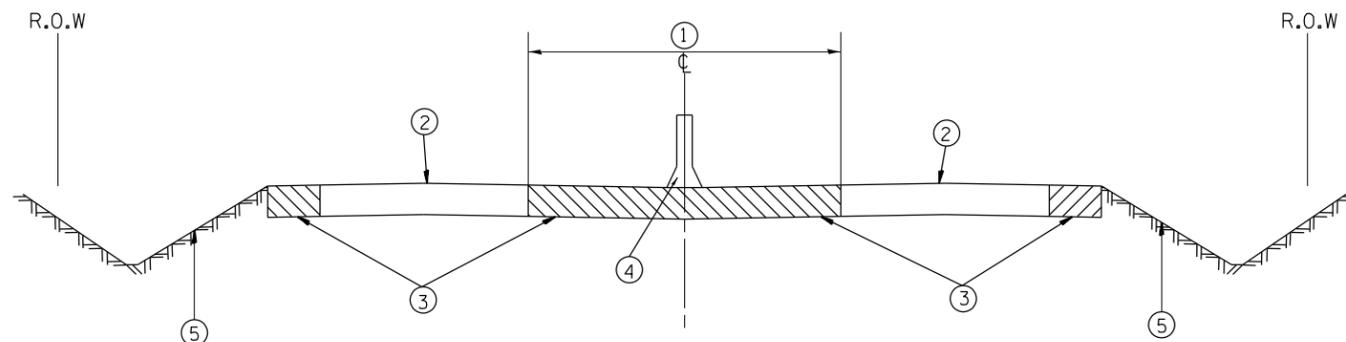
NOTES:

- SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
- THE CONTRACTOR MAY NOT START CLEANING CYCLES BEFORE THE DATES SCHEDULED IN THE PLANS WITHOUT WRITTEN AUTHORIZATION FROM THE ENGINEER.
- NO WORK WILL BE ALLOWED DURING ANY LEGAL HOLIDAY PERIOD.
- ALL SCHEDULES OF ANTICIPATED STARTING DATES SHOWN ARE TENTATIVE AS DETERMINE BY THE DEPARTMENT'S OPERATIONAL NEEDS.
- AT NO TIME WILL SWEEPING OR RELATED WORK BE PERFORMED BY THE CONTRACTOR WHEN ANY EXISTING SNOW AND/OR ICE IS VISIBLE ON ANY HIGHWAY AREAS TO BE CLEANED. NO DAILY CONTRACTOR WORK SCHEDULE REQUESTS WILL BE APPROVED.
- 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 AND OR DROP BELOW FREEZING. TEMPERATURES MUST BE ABOVE THIRTY TWO (32) DEGREES FARENHEIT. ALL SHOULDER AND CURB LINES MUST BE FREE OF ANY EXISTING SNOW 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.
- SHOULDER CLEANING CYCLES SHALL START EVERY TWO WEEK FROM START OF CONTRACT OR AS DIRECTED BY THE ENGINEER.

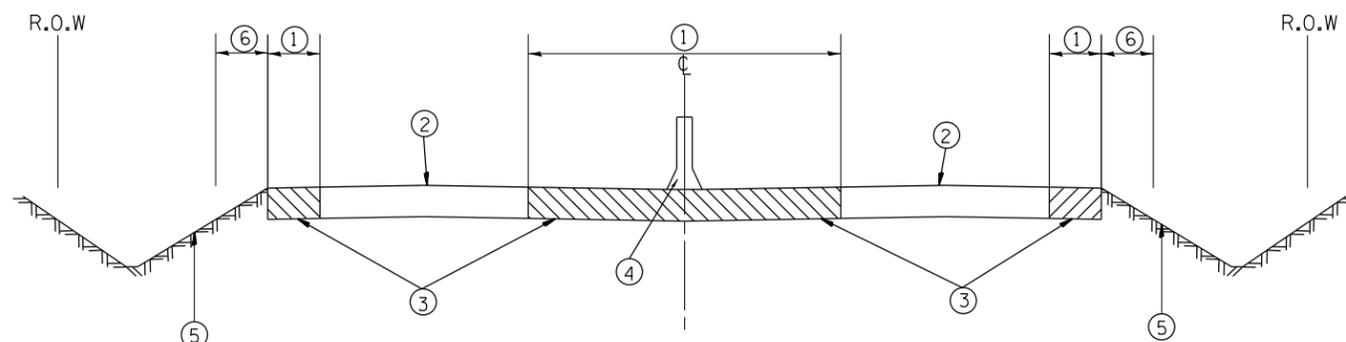
FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES AND SCHEDULE OF STARTING DATES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1in.		DATE -	REVISED -			CONTRACT NO. 62H94				
PLOT DATE = 2/8/2019						ILLINOIS FED. AID PROJECT				



TYPICAL EXPRESSWAY CROSS-SECTION NO. 1
I-55 (STEVENSON EXPW)



TYPICAL EXPRESSWAY CROSS-SECTION NO. 2
I-55 (STEVENSON EXPW)



TYPICAL EXPRESSWAY CROSS-SECTION NO. 3
I-94 (EDENS EXPW)

LEGEND

- ① AREA OF EXPRESSWAY SHOULDER CLEANING AND RUBBISH REMOVAL
- ② TRAVELED ROADWAY
- ③ STABILIZED SHOULDER OR MEDIAN
- ④ CONCRETE BARRIER
- ⑤ NON STABILIZED SURFACE
- ⑥ LITTER PICKING (10' TYP.)

NOTE:

- A) ALL LOCATIONS ON LEFT/ RIGHT SHOULDERS SHALL BE CLEANED BY HAND LABORING 10 FEET BEHIND STABILIZED, NON STABILIZED AREAS AND UNDER ALL GUARDRAILS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR ALL FULL CLEANING CYCLES.
- B) SLOPE WALLS UNDER BRIDGES ARE NOT INCLUDED IN AREA TO BE CLEANED.
- C) DEBRIS INCLUDING BUT NOT LIMITED TO; SAND, ROCKS, GRAVELS, CONCRETE, WOOD, LIMBS, LEAVES, GARBAGE AND ANMAL CARCASSES SHALL BE REMOVED FROM ALL STABILIZED AREAS UNDER AND 10 FEET BEHIND AND ALL AGGREGATE/ STONE SHOULDERS REGARDLESS OF WIDTH.

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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

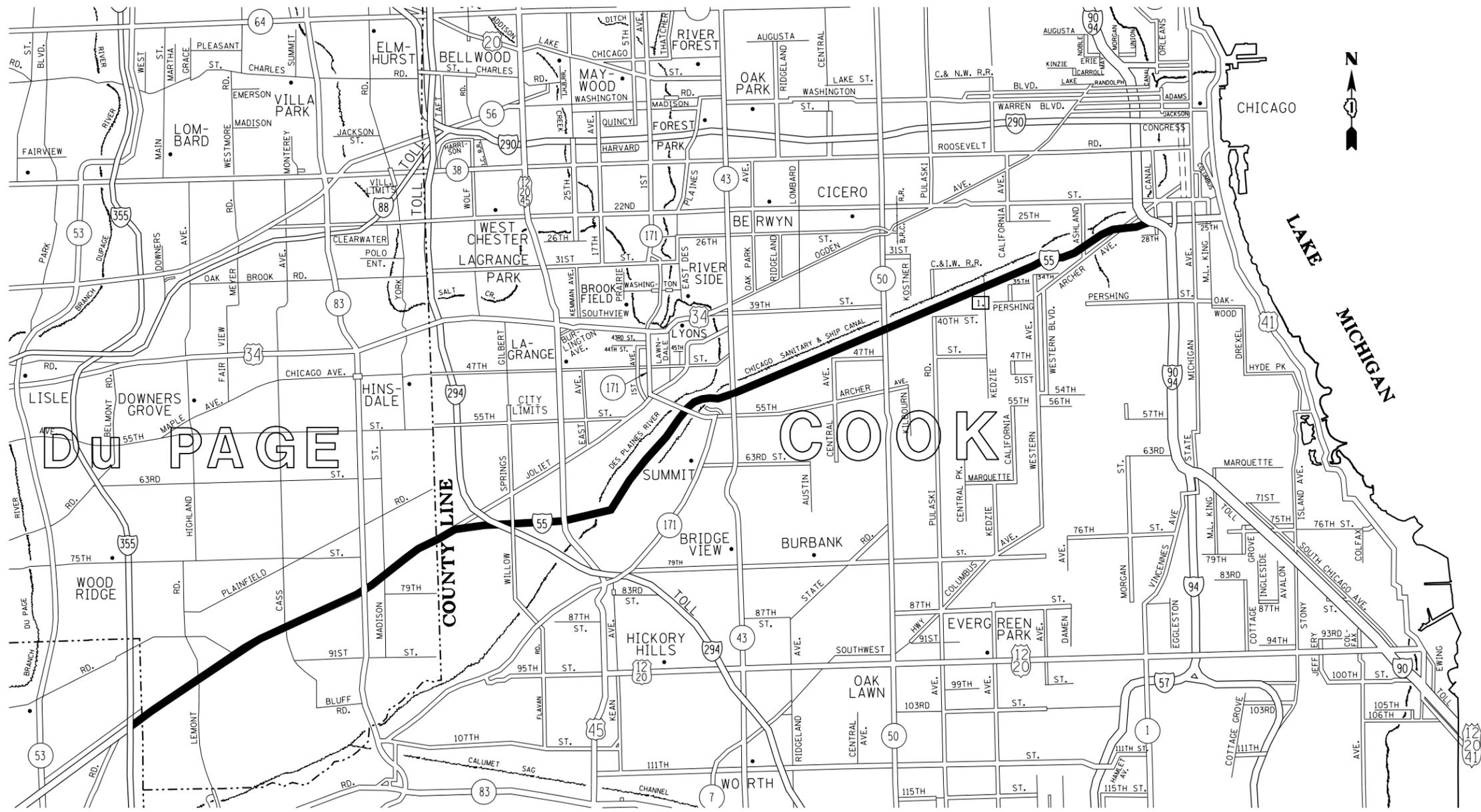
TYPICAL I-55 & I-94 EXPRESSWAY
CROSS-SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55&94	2019-017-I	COOK & DUPAGE	7	4
CONTRACT NO. 62H94			ILLINOIS FED. AID PROJECT	

DAY CLEANING ONLY

Stevenson Expressway (Left Hand Shoulder)
 Interstate 55 (Stevenson Expressway) from I-90/94
 to I-355 and at other possible District-wide locations
 as needed determined by the Department.



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

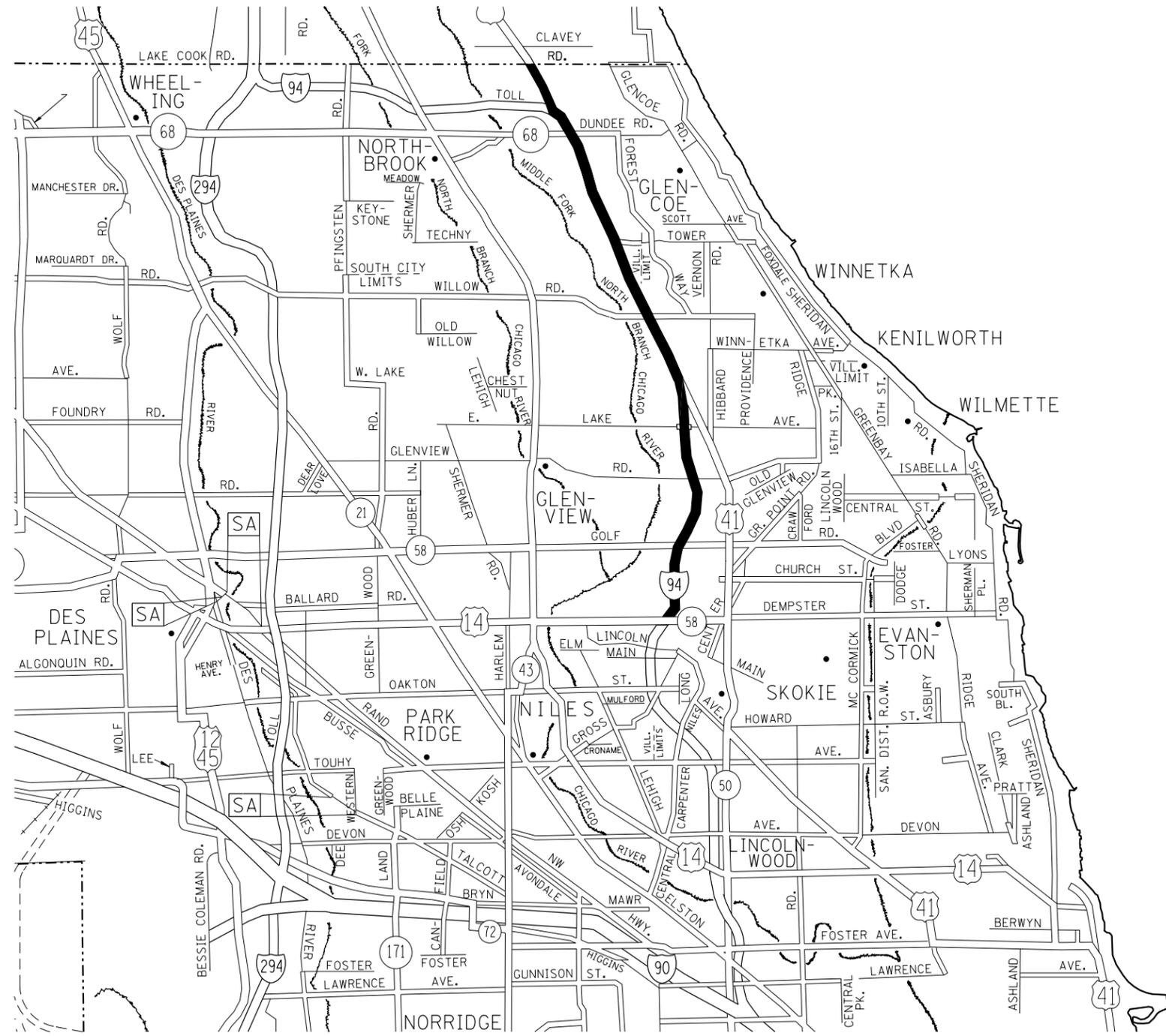
LENGTH OF I-55 (DUPAGE) CLEANING CYCLE = 7 MILES

LENGTH OF I-55 (COOK) CLEANING CYCLE = 16 MILES

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 EXPRESSWAY CLEANING LOCATION MAP			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 2/8/2019	DATE -	REVISED -					SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 62H94	

DAY CLEANING ONLY

Edens Expressway (Right Hand Shoulder)
 Interstate 94 (Edens Expressway), US 41 from IL 68 (Dundee Rd) to US 14 (Dempster St) and at other possible District-wide locations as needed determined by the Department.

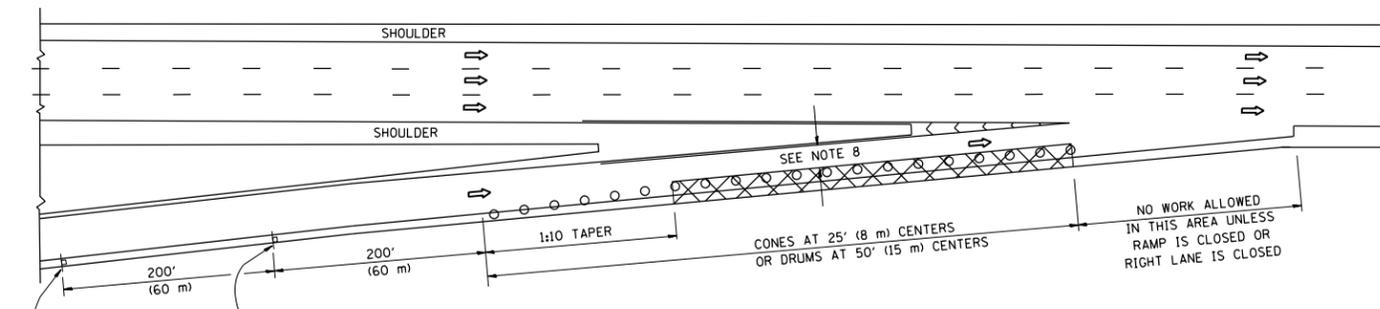


- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - STATE HIGHWAYS & EXPRESSWAYS TO BE CLEANED
 - - - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

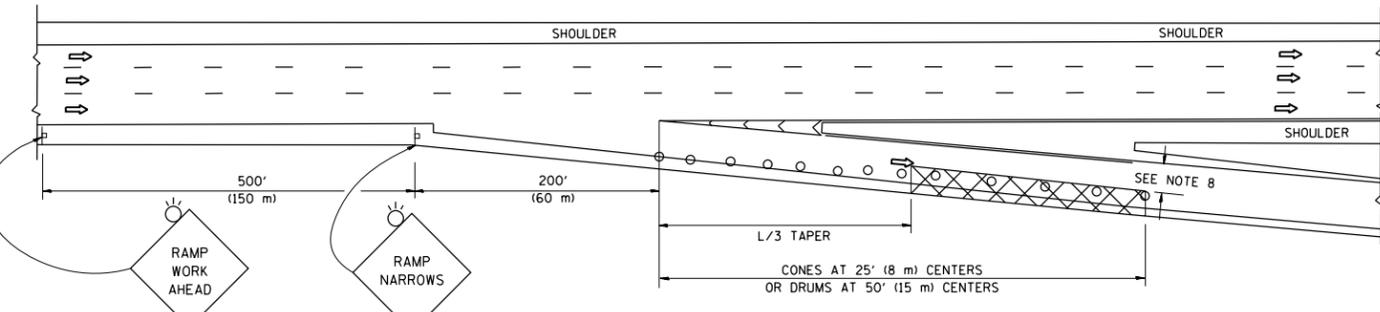
LENGTH OF I-94, US 41 (COOK) CLEANING CYCLE = 7.3 MILES

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-94, US 41 EXPRESSWAY CLEANING LOCATION MAP			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1in.	DATE -	REVISOR -	REVISOR -					CONTRACT NO. 62H94				
PLOT DATE = 2/8/2019	DATE -	REVISOR -	REVISOR -	SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

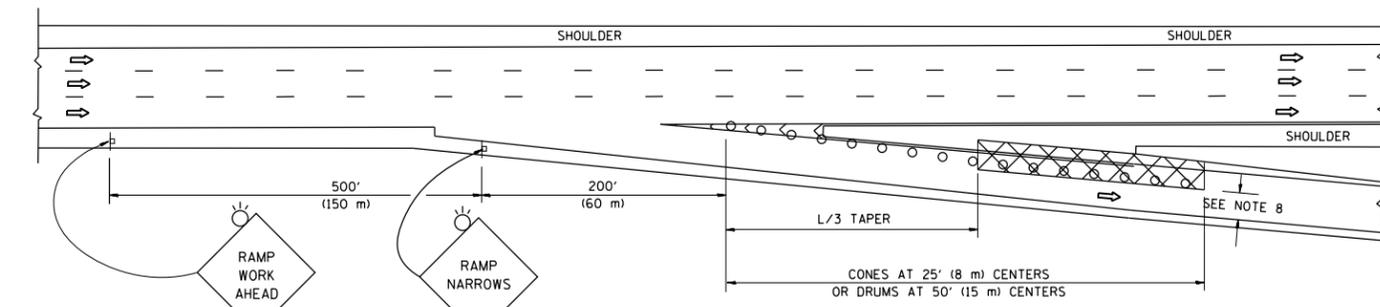
PARTIAL RAMP CLOSURE DETAILS



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 WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

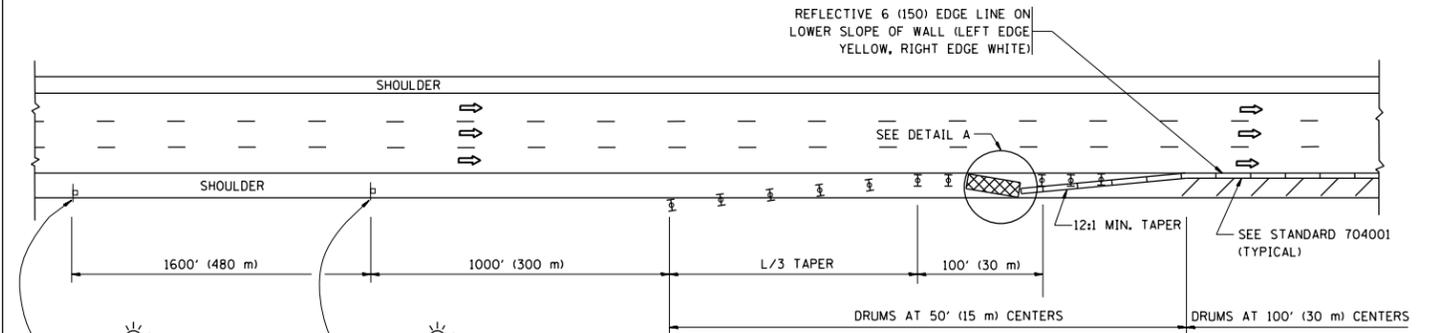
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

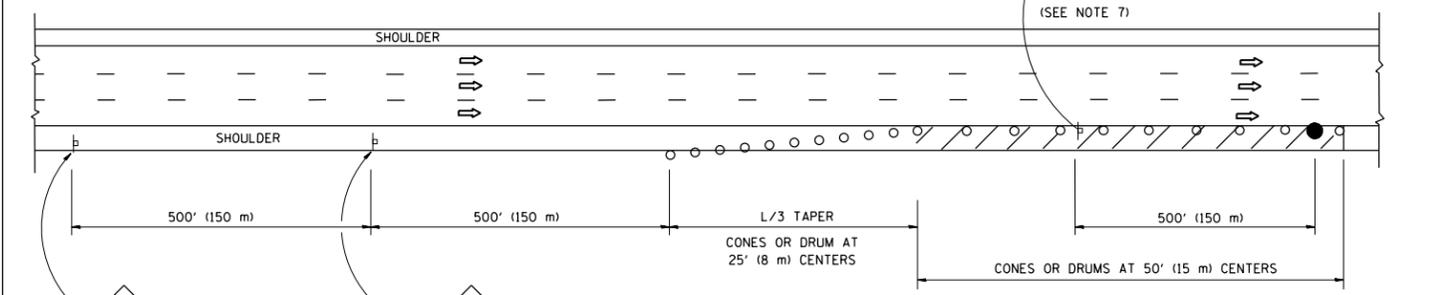
SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER:	METRIC ENGLISH L=0.65(W)(S) L=(W)(S)

W = WIDTH OF OFFSET IN FEET (METERS)
S = NORMAL POSTED SPEED MPH (KM/H)
2. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES.
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

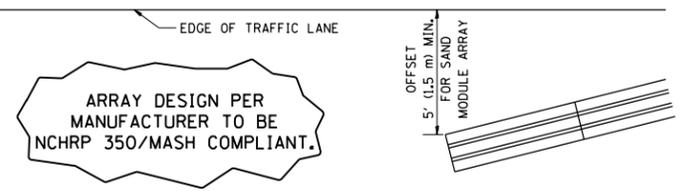


PERMANENT SHOULDER CLOSURE



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 ACTIVITY REQUIRES FREQUENT ENCRANCHMENT 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.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES	F.A.I. R.T.E. 55&94	SECTION 2019-017-1	COUNTY COOK & DUPAGE	TOTAL SHEETS 7	SHEET NO. 7
DRAWN: [Signature]				REVISIONS	SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 62H94		
PLOT SCALE = 100.0000' / 1" / 100.0000'				CHECKED -	REVISOR -	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
PLOT DATE = 2/8/2019				DATE -	REVISED - M.D. 06-13					