

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55&94	2017-015-1	COOK & DUPAGE	7	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 62F21		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

- 1) F.A.I. ROUTE 55 (I-55 – STEVENSON EXPY)
 - 2) F.A.I. ROUTE 94: (I-94 – EDEN EXPY), US 41
 - 1) I-355 TO I-90 /94
 - 2) LAKE COOK RD. TO FOSTER AVE.
- SECTION: 2017-015-1
BUS ON SHOULDER CLEANING (SWEEPING)
PROJECT: CMAQ:KN55-(348)
COOK & DUPAGE COUNTIES
C-91-264-17

TRAFFIC DATA:

I-55
2016 ADT: 178,000
I-94, US 41
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: ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 62F21

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED JUNE 23 20 17

Anthony J. Quigley / 948
REGIONAL ENGINEER

Jason M. Addis / 1513
ENGINEER OF DESIGN AND ENVIRONMENT

Michelle / 2
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1. TITLE SHEET
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SCHEDULE OF CLEANING STARTING DATES
4. EXPRESSWAY TYPICAL SECTIONS
- 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 = puzanowski	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' / 1"	CHECKED -	REVISED -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 62F21			
PLOT DATE = 6/30/2017	DATE -	REVISED -	REVISED -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN MAIN QUANTITY	100% STATE		
				I-55 DUPAGE COUNTY	I-55 COOK COUNTY	I-94/US 41 COOK COUNTY
X2300014	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 1	EACH	26	26	0	0
X2300015	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 2	EACH	26	0	26	0
X2300016	FULL BUS ON SHOULDER CLEANING CYCLE SPECIAL 3	EACH	26	0	0	26

0044
90/10
(FED) STATE
CMAQ
2400

I-55 LEFT SHOULDER EXPRESSWAY CLEANING
SCHEDULE OF STARTING DATE - 2018

1st FULL CLEANING CYCLE	----	January 8, 2018
2nd FULL CLEANING CYCLE	----	January 22, 2018
3rd FULL CLEANING CYCLE	----	February 5, 2018
4th FULL CLEANING CYCLE	----	February 19, 2018
5th FULL CLEANING CYCLE	----	March 5, 2018
6th FULL CLEANING CYCLE	----	March 19, 2018
7th FULL CLEANING CYCLE	----	April 2, 2018
8th FULL CLEANING CYCLE	----	April 16, 2018
9th FULL CLEANING CYCLE	----	April 30, 2018
10th FULL CLEANING CYCLE	----	May 14, 2018
11th FULL CLEANING CYCLE	----	May 31, 2018
12th FULL CLEANING CYCLE	----	June 11, 2018
13th FULL CLEANING CYCLE	----	June 25, 2018
14th FULL CLEANING CYCLE	----	July 9, 2018
15th FULL CLEANING CYCLE	----	July 23, 2018
16th FULL CLEANING CYCLE	----	August 6, 2018
17th FULL CLEANING CYCLE	----	August 20, 2018
18th FULL CLEANING CYCLE	----	September 6, 2018
19th FULL CLEANING CYCLE	----	September 17, 2018
20th FULL CLEANING CYCLE	----	October 1, 2018
21st FULL CLEANING CYCLE	----	October 15, 2018
22nd FULL CLEANING CYCLE	----	October 29, 2018
23rd FULL CLEANING CYCLE	----	November 12, 2018
24th FULL CLEANING CYCLE	----	November 26, 2018
25th FULL CLEANING CYCLE	----	December 10, 2018
26th FULL CLEANING CYCLE	----	December 27, 2018

(RECOMMENDED TO BE COMPLETED ON OR BEFORE December 29, 2018)

I-94 LEFT SHOULDER EXPRESSWAY CLEANING
SCHEDULE OF STARTING DATE - 2018

1st FULL CLEANING CYCLE	----	January 8, 2018
2nd FULL CLEANING CYCLE	----	January 22, 2018
3rd FULL CLEANING CYCLE	----	February 5, 2018
4th FULL CLEANING CYCLE	----	February 19, 2018
5th FULL CLEANING CYCLE	----	March 5, 2018
6th FULL CLEANING CYCLE	----	March 19, 2018
7th FULL CLEANING CYCLE	----	April 2, 2018
8th FULL CLEANING CYCLE	----	April 16, 2018
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24th FULL CLEANING CYCLE	----	November 26, 2018
25th FULL CLEANING CYCLE	----	December 10, 2018
26th FULL CLEANING CYCLE	----	December 27, 2018

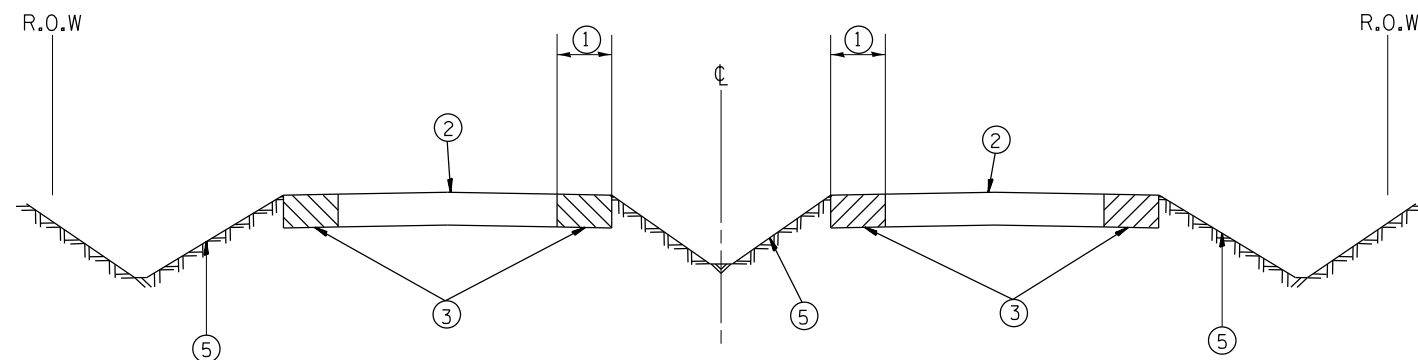
(RECOMMENDED TO BE COMPLETED ON OR BEFORE December 29, 2018)

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 ATER 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.

FILE NAME =	USER NAME = pyzenosakirb	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 = 1/8" = 1'-0"		DATE -	REVISED -			SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	CONTRACT NO. 62F21
PLOT DATE = 8/30/2017											ILLINOIS FED. AID PROJECT

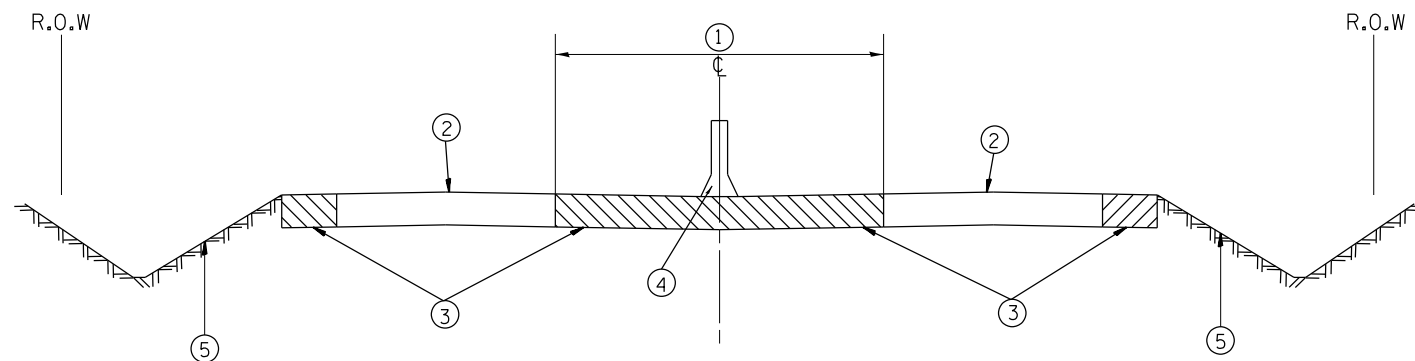
REV



TYPICAL EXPRESSWAY CROSS-SECTION NO. 1

- 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

- NOTE:**
- A) ALL LOCATIONS OF GUARDRAIL ON LEFT SHOULDERS SHALL BE CLEANED BY HAND LABORING UNDERNEATH AND 10 FEET BEHIND STABILIZED AND NON STABILIZED AREAS. THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR ALL FULL CLEANING CYCLES.
 - B) DEBRIS SHALL BE REMOVED FROM ALL STABILIZED AREAS, UNDER AND 10 FEET BEHIND ALL GUARDRAIL AND ALL AGGREGATE/ STONE SHOULDERS REGARDLESS OF WIDTH.

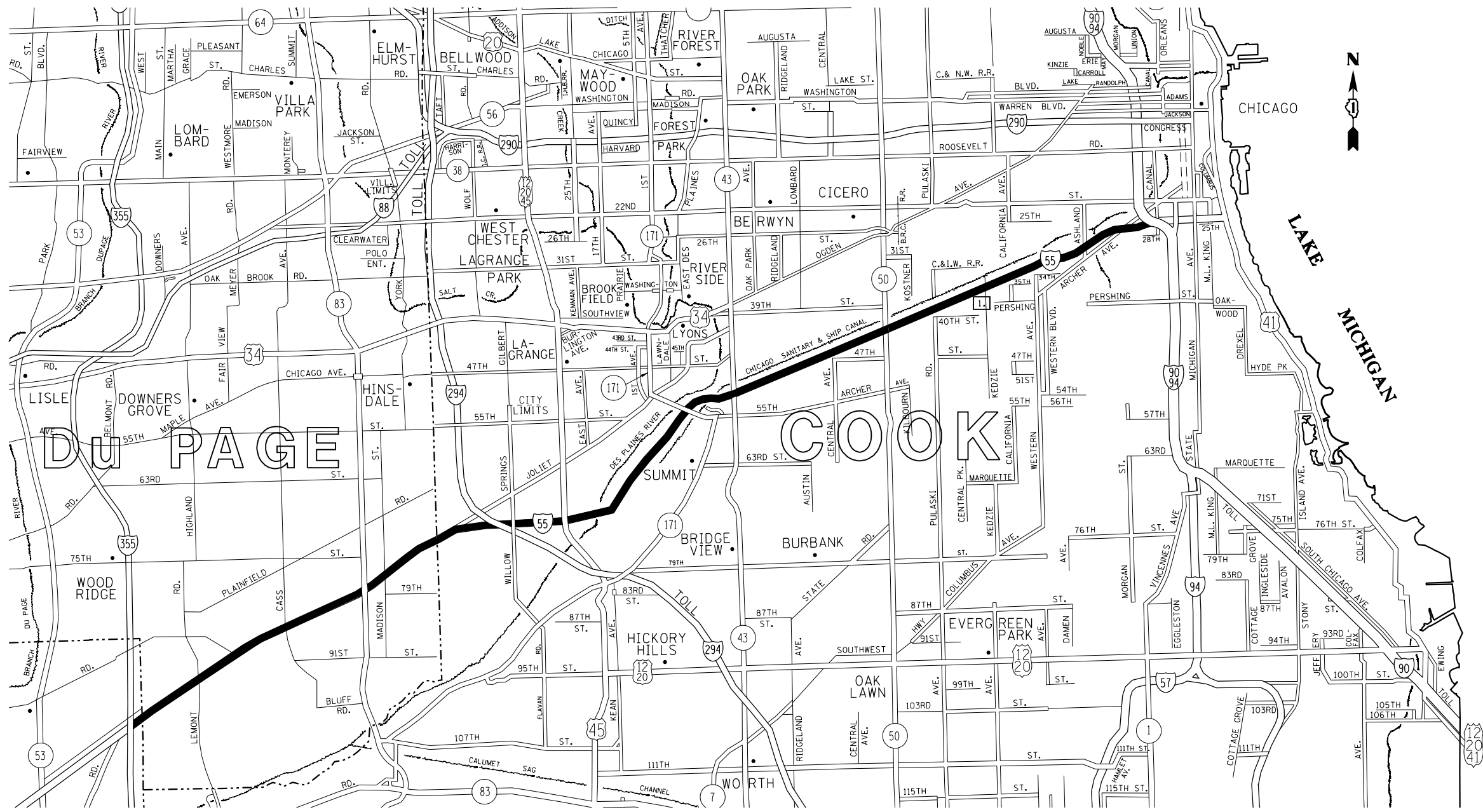


TYPICAL EXPRESSWAY CROSS-SECTION NO. 2

FILE NAME =	USER NAME = pyzzenowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL I-55 EXPRESSWAY CROSS-SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISOR	REVISED -		CONTRACT NO. 62F21						
PLOT DATE = 6/28/2017	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

DAY CLEANING ONLY

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



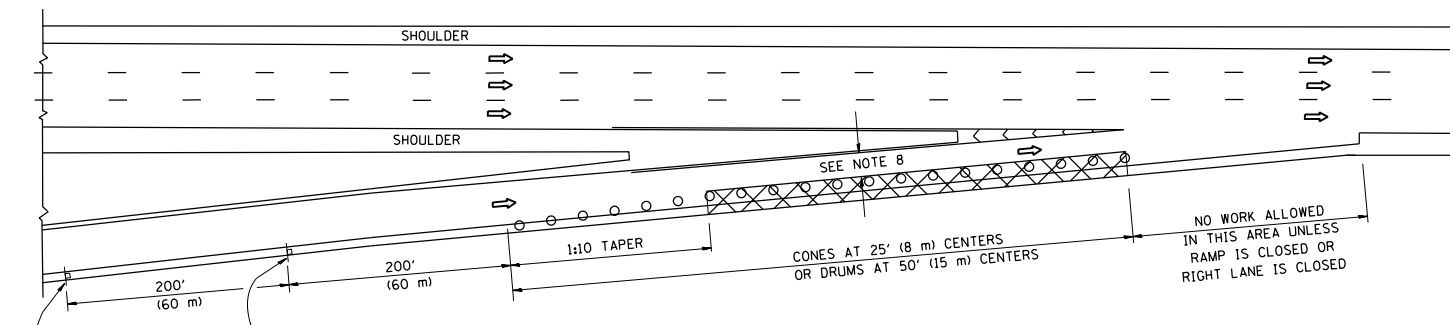
- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - STATE HIGHWAYS & EXPRESSWAYS TO BE CLEANED
 - - - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

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

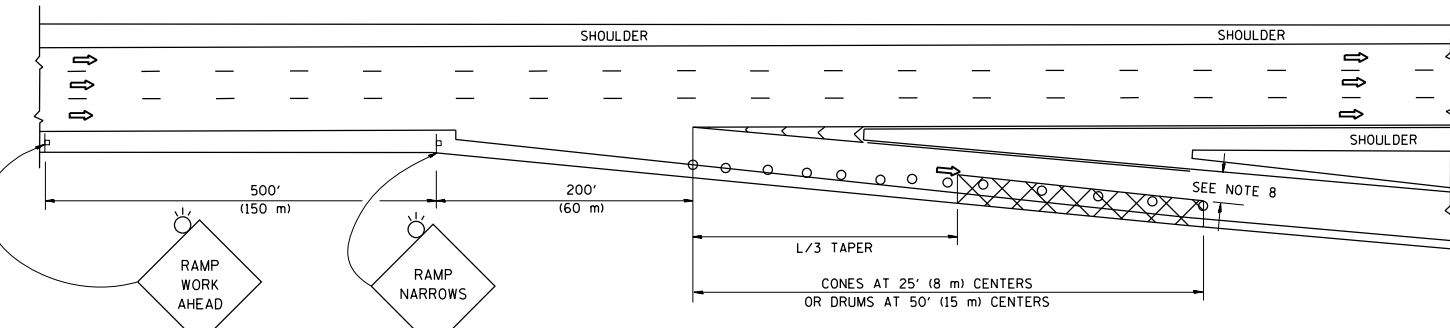
LENGTH OF I-55 (COOK) CLEANING CYCLE = 16 MILES

FILE NAME =	USER NAME = pyznowskirb	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 = 6/30/2017	DATE -	REVISED -					CONTRACT NO. 62F21			ILLINOIS FED. AID PROJECT	
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

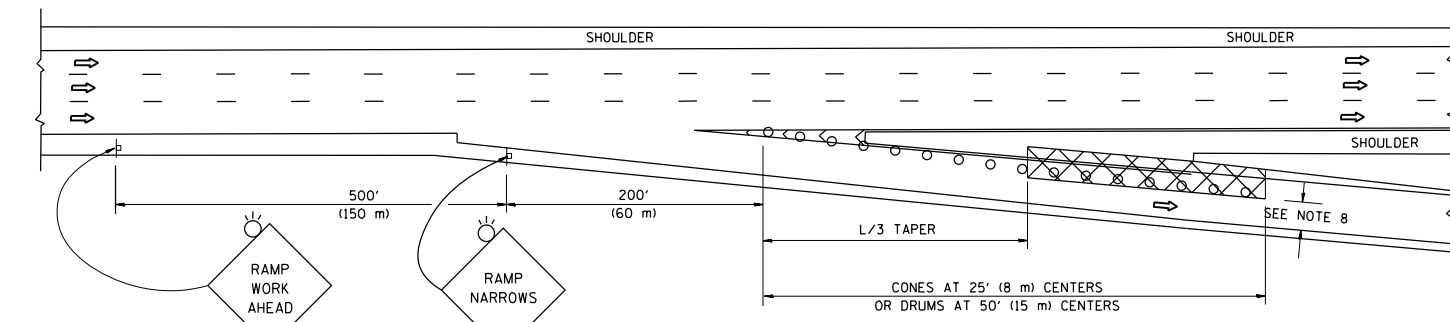
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

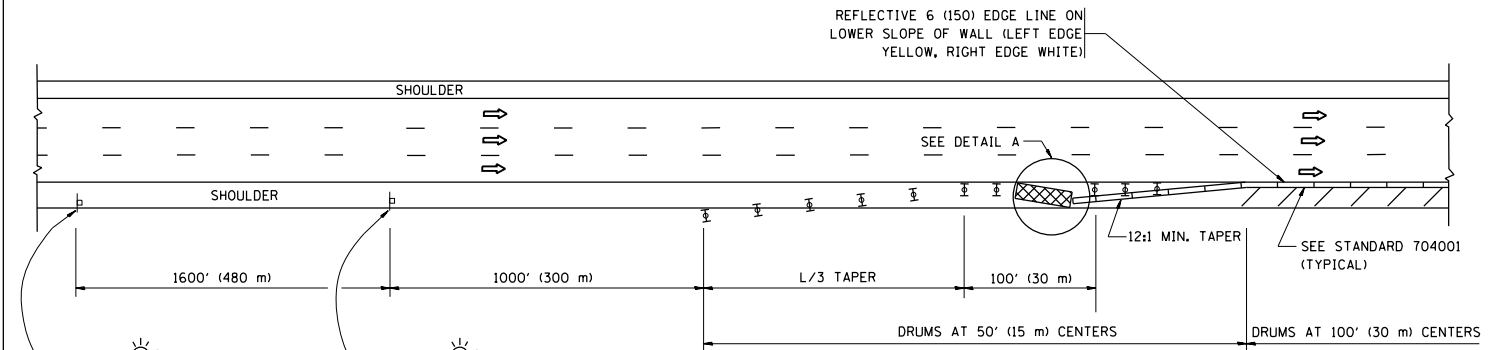
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES

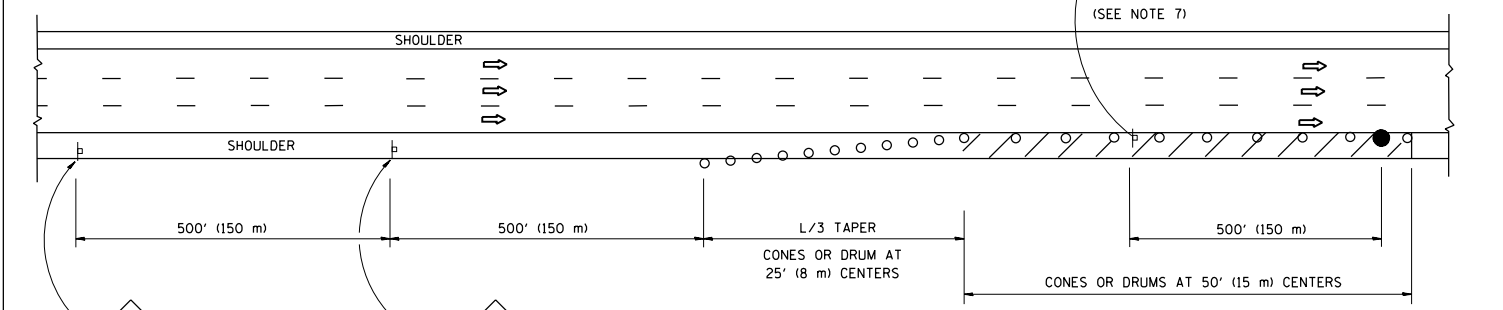
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	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. PLASTIC DRUMS WITH HIGH PERFORMANCE REFLECTIVE SHEETING AND STEADY BURNING LIGHTS ARE REQUIRED FOR ALL NIGHTIME 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.
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 ENCROACHMENT 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.

SHOULDER CLOSURE DETAILS

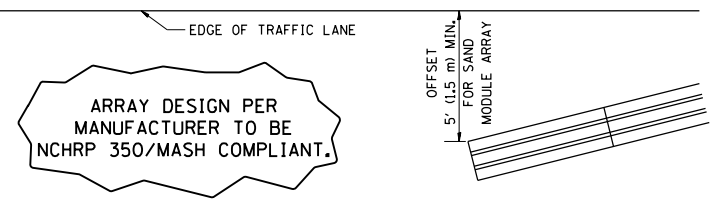


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

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

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

* COOK, DU PAGE, KANE, LAKE, MC HENRY AND WILL

FILE NAME =	USER NAME = pyrzenowski	DESIGNED -	REVISED - J.A.F. 12-06
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		DATE - 11-96	REVISED - M.D. 06-13

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL DETAILS FOR FREEWAY
SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. R.T.E. 55&94	SECTION 2017-015-1	COUNTY COOK & DUPAGE	TOTAL SHEETS 7	SHEET NO. 7
TC-17			CONTRACT NO. 62F21	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				