

09-21-12 LETTING ITEM 016

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 55 (INTERSTATE 55)

I-355 TO KEDZIE AVE.

SECTION: 2012-0461

EXPRESSWAY CLEANING (SWEEPING)

PROJECT: CMI-055-7(264)290

COOK & DUPAGE COUNTIES

C-91-544-12

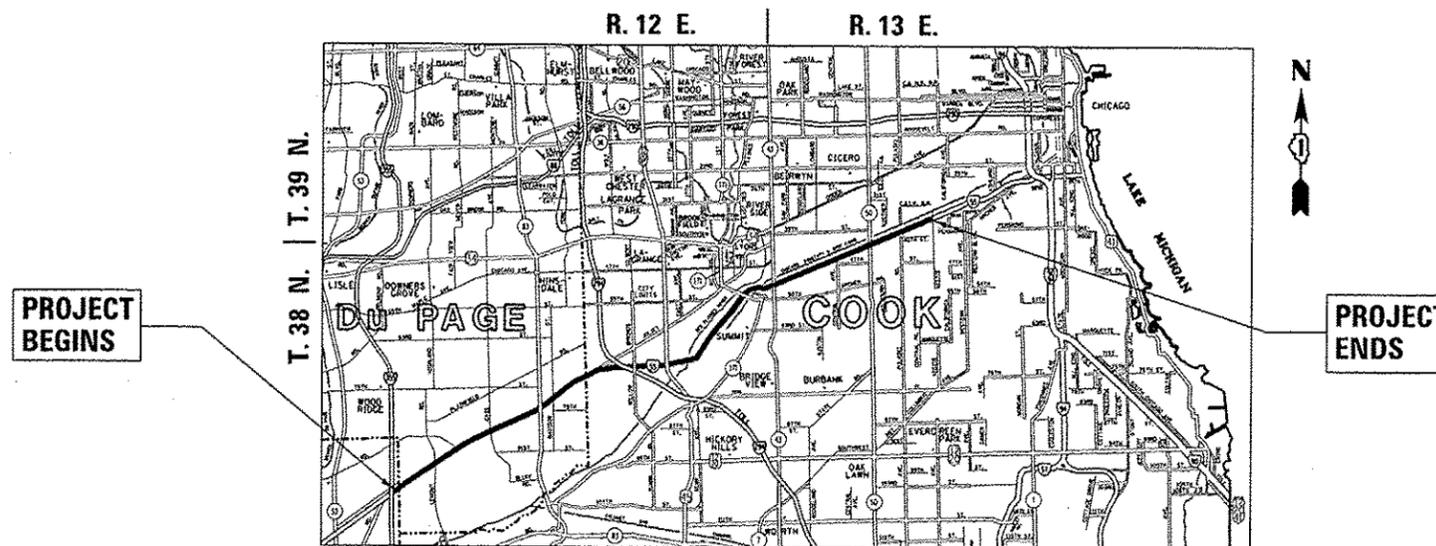
FOR INDEX OF SHEETS, SEE SHEET NO. 2

TRAFFIC DATA

ADT (2010) = 178,800

POSTED SPEED LIMIT = 55 MPH

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2012-0461	COOK & DUPAGE	6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	60V35	



LYONS, STICKNEY, LAKE, WEST & SOUTH TOWNSHIPS

GROSS LENGTH OF PROJECT = 102,960 FT = 19.5 MI

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

PROJECT ENGINEER: ROBERT BORO (847) 705-4237
PROJECT MANAGER: ISSAM RAYYAN

CONTRACT NO. 60V35

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED June 29 20 12

John P. [Signature]
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

August 17 20 12
John D. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

August 17 20 12
William R. [Signature]
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS

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6. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES

STATE STANDARDS

- 701101-02 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FORM PAVEMENT EDGE
- 701426-04 LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS >45 MPH
- 701901-02 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 : c:\p\work\p\idot\pyrzanowski\030327	USER NAME : pyrzanowski SweepingContract2012.dgn	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES				F.A.I. RTE. 55	SECTION 2012-0461	COUNTY COOK & DUPAGE	TOTAL SHEETS 6	SHEET NO. 2
	PLOT SCALE = 100,0000' / 1" / 1"	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60V35		
	PLOT DATE = 6/29/2012	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

**I-55 LEFT SHOULDER EXPRESSWAY CLEANING
SCHEDULE OF STARTING DATE - 2013**

**I-55 LEFT SHOULDER EXPRESSWAY CLEANING
SCHEDULE OF STARTING DATE - 2014**

SUMMARY OF QUANTITIES			CONSTRUCTION TYPE CODE			
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	DUPAGE COUNTY	COOK COUNTY	
X0329915	FULL EXPRESSWAY CLEANING CYCLE	EACH	26	9	17	

1st FULL CLEANING CYCLE	---	January 3, 2013
2nd FULL CLEANING CYCLE	---	January 14, 2013
3rd FULL CLEANING CYCLE	---	January 28, 2013
4th FULL CLEANING CYCLE	---	February 11, 2013
5th FULL CLEANING CYCLE	---	February 25, 2013
6th FULL CLEANING CYCLE	---	March 11, 2013
7th FULL CLEANING CYCLE	---	March 25, 2013
8th FULL CLEANING CYCLE	---	April 8, 2013
9th FULL CLEANING CYCLE	---	April 22, 2013
10th FULL CLEANING CYCLE	---	May 6, 2013
11th FULL CLEANING CYCLE	---	May 20, 2013
12th FULL CLEANING CYCLE	---	June 3, 2013
13th FULL CLEANING CYCLE	---	June 17, 2013
14th FULL CLEANING CYCLE	---	July 1, 2013
15th FULL CLEANING CYCLE	---	July 15, 2013
16th FULL CLEANING CYCLE	---	July 29, 2013
17th FULL CLEANING CYCLE	---	August 12, 2013
18th FULL CLEANING CYCLE	---	August 26, 2013
19th FULL CLEANING CYCLE	---	September 9, 2013
20th FULL CLEANING CYCLE	---	September 23, 2013
21st FULL CLEANING CYCLE	---	October 7, 2013
22nd FULL CLEANING CYCLE	---	October 21, 2013
23rd FULL CLEANING CYCLE	---	November 4, 2013
24th FULL CLEANING CYCLE	---	November 18, 2013
25th FULL CLEANING CYCLE	---	December 2, 2013
26th FULL CLEANING CYCLE	---	December 16, 2013

(RECOMMENDED TO BE COMPLETED ON OR BEFORE December 27, 2013)

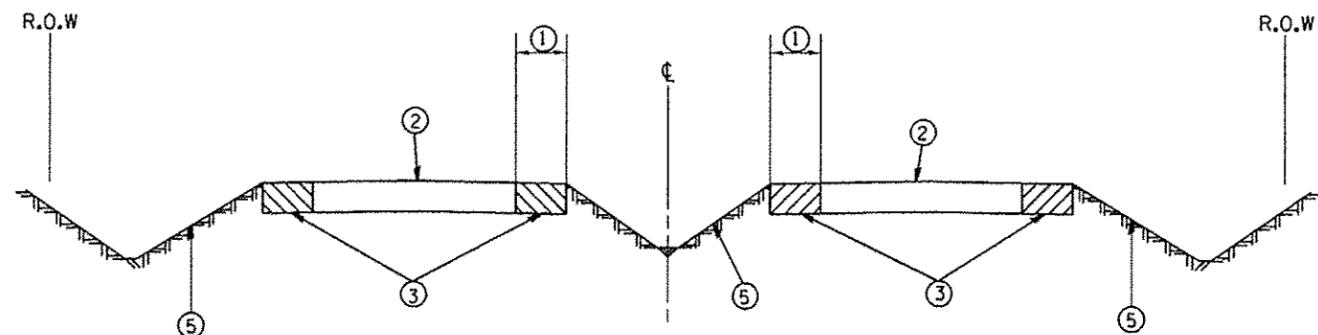
1st FULL CLEANING CYCLE	---	January 3, 2014
2nd FULL CLEANING CYCLE	---	January 13, 2014
3rd FULL CLEANING CYCLE	---	January 27, 2014
4th FULL CLEANING CYCLE	---	February 10, 2014
5th FULL CLEANING CYCLE	---	February 24, 2014
6th FULL CLEANING CYCLE	---	March 10, 2014
7th FULL CLEANING CYCLE	---	March 24, 2014
8th FULL CLEANING CYCLE	---	April 7, 2014
9th FULL CLEANING CYCLE	---	April 21, 2014
10th FULL CLEANING CYCLE	---	May 5, 2014
11th FULL CLEANING CYCLE	---	May 19, 2014
12th FULL CLEANING CYCLE	---	June 2, 2014
13th FULL CLEANING CYCLE	---	June 16, 2014
14th FULL CLEANING CYCLE	---	June 30, 2014
15th FULL CLEANING CYCLE	---	July 14, 2014
16th FULL CLEANING CYCLE	---	July 28, 2014
17th FULL CLEANING CYCLE	---	August 11, 2014
18th FULL CLEANING CYCLE	---	August 25, 2014
19th FULL CLEANING CYCLE	---	September 8, 2014
20th FULL CLEANING CYCLE	---	September 22, 2014
21st FULL CLEANING CYCLE	---	October 6, 2014
22nd FULL CLEANING CYCLE	---	October 20, 2014
23rd FULL CLEANING CYCLE	---	November 3, 2014
24th FULL CLEANING CYCLE	---	November 17, 2014
25th FULL CLEANING CYCLE	---	December 1, 2014
26th FULL CLEANING CYCLE	---	December 15, 2014

(RECOMMENDED TO BE COMPLETED ON OR BEFORE December 26, 2014)

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.

FILE NAME: c:\pwork\pwork\pyrzanowski\1030327\SweepingContract2012.dgn	USER NAME: pyrzanowski	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES AND SCHEDULE OF STARTING DATES			F.A.L. RTE.: 55	SECTION: 2012-0461	COUNTY: COOK & DUPAGE	TOTAL SHEETS: 6	SHEET NO.: 3
PLOT SCALE: 1/8" = 1'-0"	CHECKED: -	REVISED: -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60V35			ILLINOIS FED. AID PROJECT				
PLOT DATE: 6/29/2012	DATE: -	REVISED: -										



TYPICAL EXPRESSWAY CROSS-SECTION NO. 1

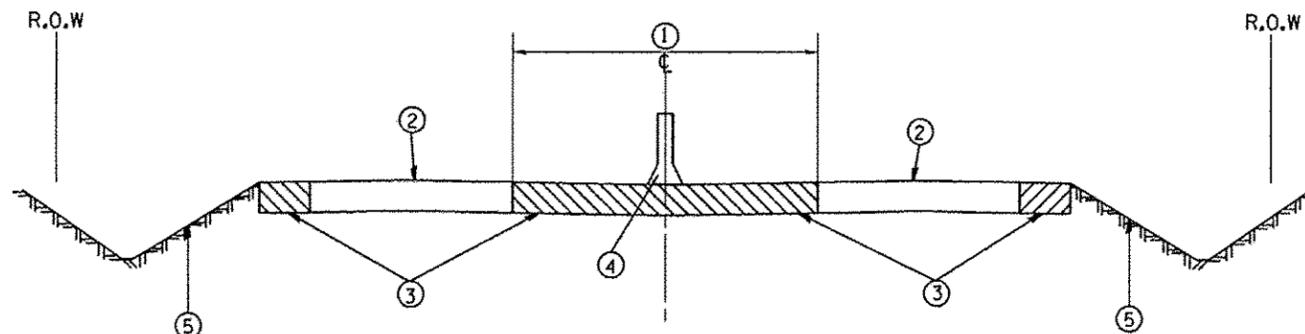
LEGEND

- 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 : c:\pwwork\p1\dot\pyrzanowski\1030327	USER NAME : pyrzanowski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL I-55 EXPRESSWAY CROSS SECTIONS			F.A.I. RTE: 55	SECTION 2012-0461	COUNTY COOK & DUPAGE	TOTAL SHEETS 6	SHEET NO. 4
	PLLOT SCALE : 100.0000' / 1" =	DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60V35	
	PLLOT DATE : 6/29/2012	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									

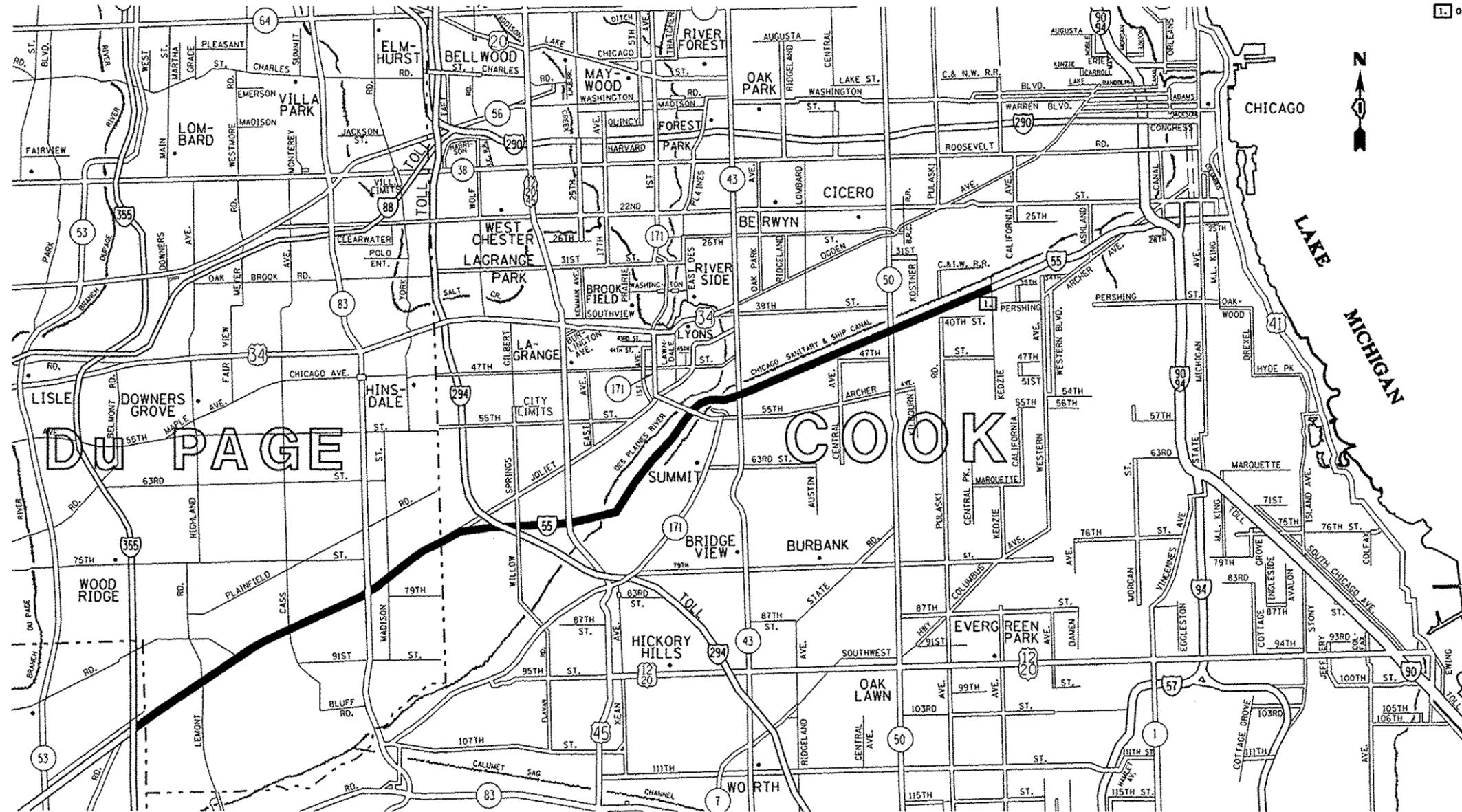
DAY CLEANING ONLY

Stevenson Expressway

Interstate 55 (Stevenson Expressway) from Kedzie Ave. to I-355 and all accident investigation sites.

ACCIDENT INVESTIGATION SITES:

- 1. OUTBOUND INTERSTATE 55 AT KEDZIE AVENUE

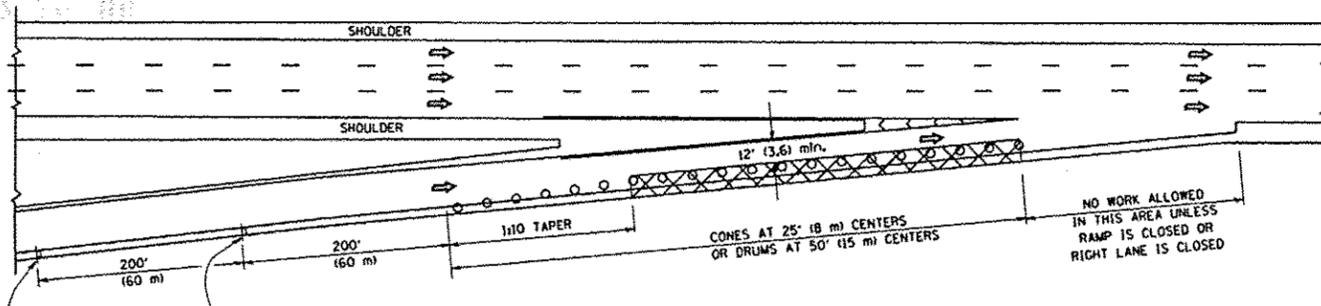


- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - STATE HIGHWAYS & EXPRESSWAYS TO BE CLEANED
 - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

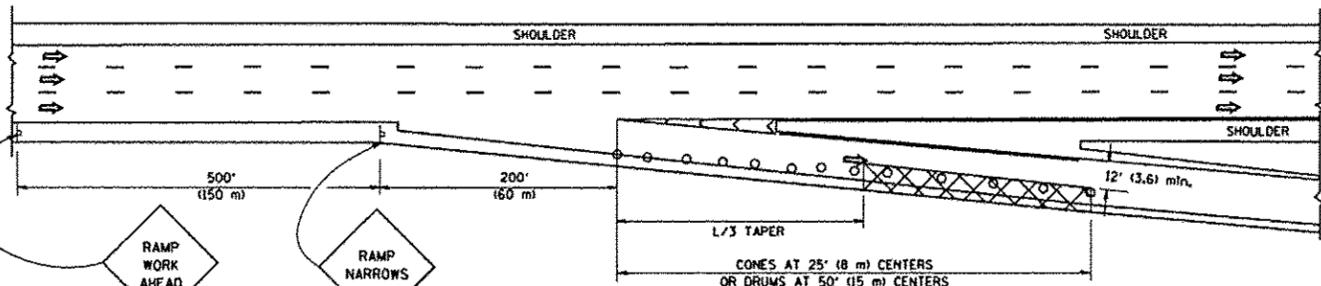
FILE NAME *	USER NAME * pyzanoski	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 EXPRESSWAY CLEANING LOCATION MAP			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\p\work\p\dot\pyzanoski\030327	SweepingContract2012.dgn	DRAWN -	REVISED -					55	2012-0461	COOK & DUPAGE	6	5	
PLOT SCALE * 100.0000 / 1 in.	CHECKED -	REVISED -	DATE					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 60V35
PLOT DATE * 6/29/2012	DATE	REVISED -											ILLINOIS FED. AID PROJECT

PARTIAL RAMP CLOSURE DETAILS

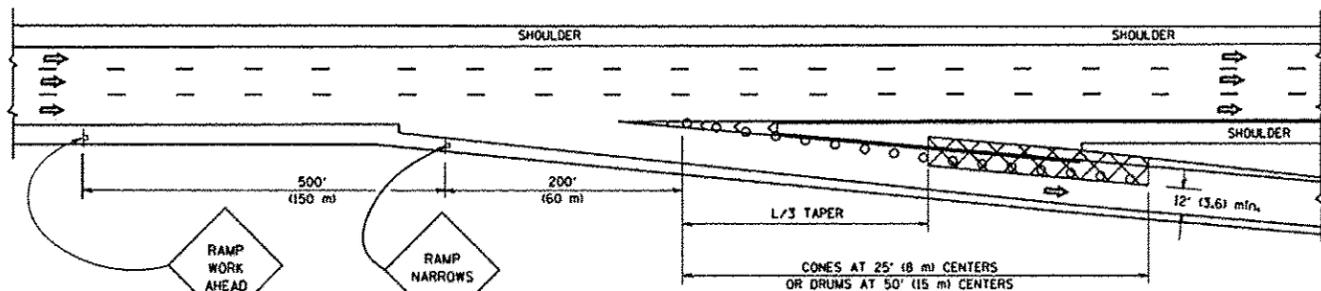
SHOULDER CLOSURE DETAILS



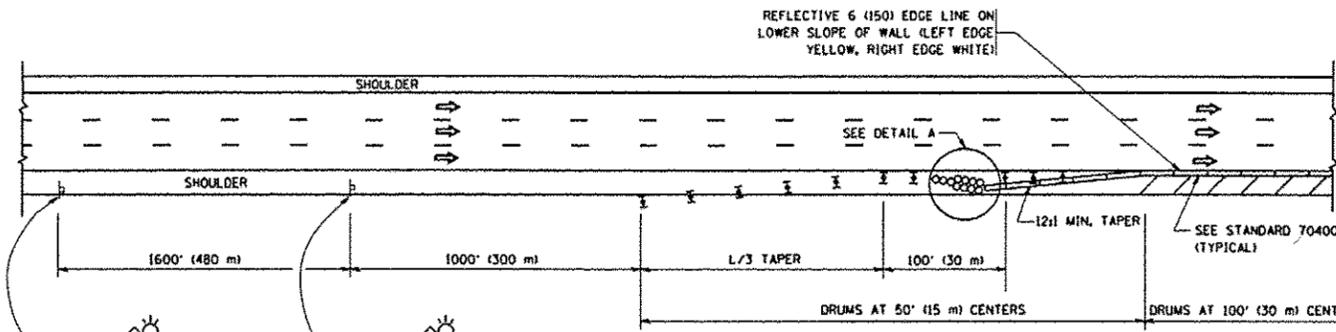
TYPICAL ENTRANCE RAMP



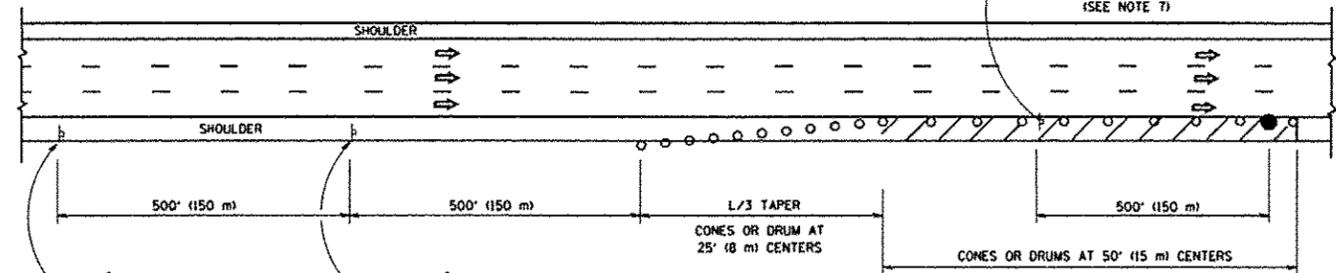
TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

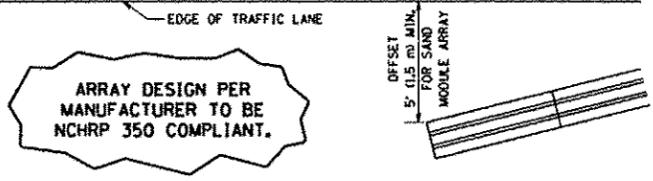


PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

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

SYMBOLS

- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

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 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.

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.
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 ENCRUSHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.

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

FILE NAME : c:\pr-work\spidat\pyrzanowski\0303272	USER NAME : pyrzanowski SweepingContract2012.dgn	DESIGNED - DRAWN - D.W.S.	REVISED - 04-03 REVISED - J.A.F. 12-06 REVISED - S.P.B. 01-07 REVISED - S.P.B. 12-09	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. RTE. 55	SECTION 2012-0461	COUNTY COOK & DUPAGE	TOTAL SHEETS 6	SHEET NO. 6
PLOT SCALE = 1/8" = 1'-0"					SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	TC-17 CONTRACT NO. 60V35				