

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2013-024-1	COOK & DUPAGE	6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 60W57		

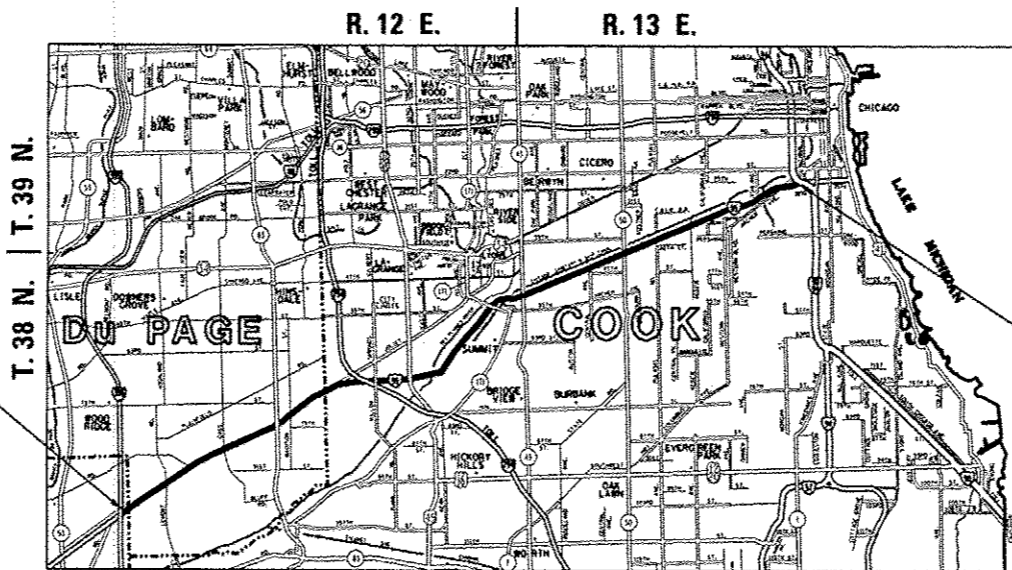
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

F.A.I. ROUTE 55 (I-55 - STEVENSON EXPY)
I-355 TO I-90/94
SECTION: 2013-024-1
EXPRESSWAY CLEANING (SWEEPING)
PROJECT: CMI-0055(402)
COOK & DUPAGE COUNTIES

C-91-340-13

FOR INDEX OF SHEETS, SEE SHEET NO. 2



PROJECT BEGINS

PROJECT ENDS

TRAFFIC DATA:
2012 ADT: 172,400

DOWNERS GROVE, LYONS, STICKNEY, LAKE, WEST & SOUTH TOWNSHIPS

GROSS LENGTH OF PROJECT = 120,912 FT = 22.9 MI

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

CONTRACT NO. 60W57

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED April 29, 2013
John P. Mann, Jr.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 28, 2013
John D. Baranzoli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

June 28, 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

1. TITLE SHEET
2. INDEX OF SHEETS
APPLICABLE STATE STANDARDS
3. SUMMARY OF QUANTITIES
SCHEDULE OF CLEANING STARTING DATES
4. EXPRESSWAY TYPICAL SECTIONS
5. EXPRESSWAY CLEANING
6. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES

STATE STANDARDS

- | | |
|-----------|---|
| 701101-03 | OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FORM PAVEMENT EDGE |
| 701426-05 | 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 EQUIPPED 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 AND STATE STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pvc\work\pvidot\midyja\0136104\15weep	Contract2009.dgn	DRAWN -	REVISED -			55	2013-024-1	COOK & DUPAGE	6	2	
PLOT SCALE * 100.0000 ' / 1"		CHECKED -	REVISED -			CONTRACT NO. 60W57					
PLOT DATE * 4/27/2013		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	MAIN QUANTITY	DUPAGE COUNTY	COOK COUNTY
X0329915	FULL EXPRESSWAY CLEANING CYCLE	EACH	26	9	17

0044
90% FED.
URBAN 10% STATE

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

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)

I-55 LEFT SHOULDER EXPRESSWAY CLEANING
SCHEDULE OF STARTING DATE - 2015

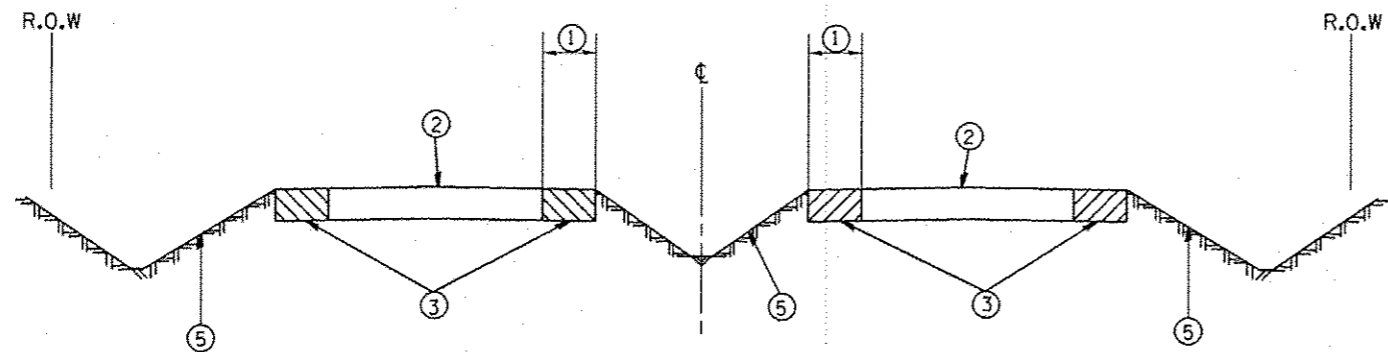
1st FULL CLEANING CYCLE	----	January 5, 2015
2nd FULL CLEANING CYCLE	----	January 19, 2015
3rd FULL CLEANING CYCLE	----	February 2, 2015
4th FULL CLEANING CYCLE	----	February 16, 2015
5th FULL CLEANING CYCLE	----	March 2, 2015
6th FULL CLEANING CYCLE	----	March 16, 2015
7th FULL CLEANING CYCLE	----	March 30, 2015
8th FULL CLEANING CYCLE	----	April 13, 2015
9th FULL CLEANING CYCLE	----	April 27, 2015
10th FULL CLEANING CYCLE	----	May 11, 2015
11th FULL CLEANING CYCLE	----	May 25, 2015
12th FULL CLEANING CYCLE	----	June 8, 2015
13th FULL CLEANING CYCLE	----	June 22, 2015
14th FULL CLEANING CYCLE	----	July 6, 2015
15th FULL CLEANING CYCLE	----	July 20, 2015
16th FULL CLEANING CYCLE	----	August 3, 2015
17th FULL CLEANING CYCLE	----	August 17, 2015
18th FULL CLEANING CYCLE	----	August 31, 2015
19th FULL CLEANING CYCLE	----	September 14, 2015
20th FULL CLEANING CYCLE	----	September 28, 2015
21st FULL CLEANING CYCLE	----	October 12, 2015
22nd FULL CLEANING CYCLE	----	October 26, 2015
23rd FULL CLEANING CYCLE	----	November 9, 2015
24th FULL CLEANING CYCLE	----	November 23, 2015
25th FULL CLEANING CYCLE	----	December 7, 2015
26th FULL CLEANING CYCLE	----	December 21, 2015

(RECOMMENDED TO BE COMPLETED ON OR BEFORE December 25, 2015)

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.

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.
ci:\p\work\midyja\0136184\5weepingContract2009.dgn	PLOT SCALE = 1/8"=1'-0"	DRAWN -	REVISED -					55	2013-024-I	COOK & DUPAGE	6	3
PLOT DATE = 4/27/2013	CHECKED -	REVISED -	SCALE:		SHEET NO.	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 60W57		
	DATE -	REVISED -								ILLINOIS FED. AID PROJECT		



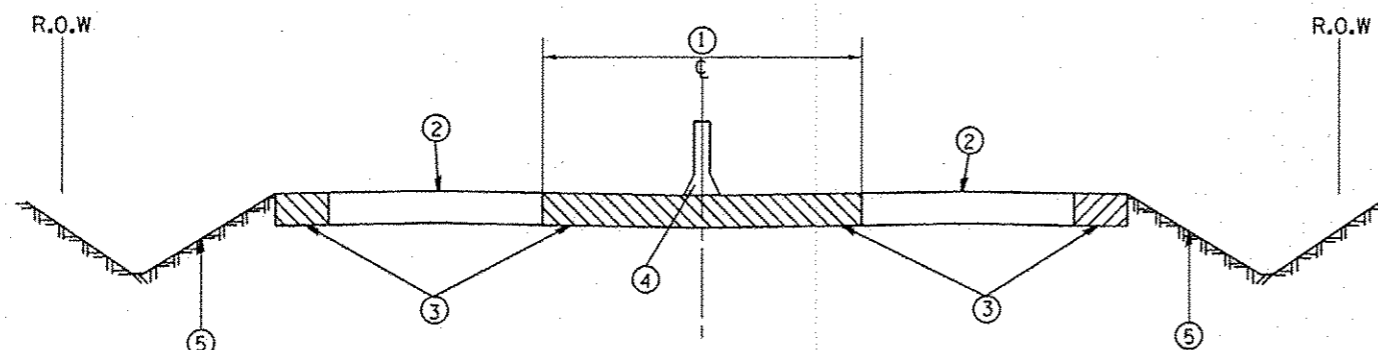
TYPICAL EXPRESSWAY CROSS-SECTION NO. 1

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

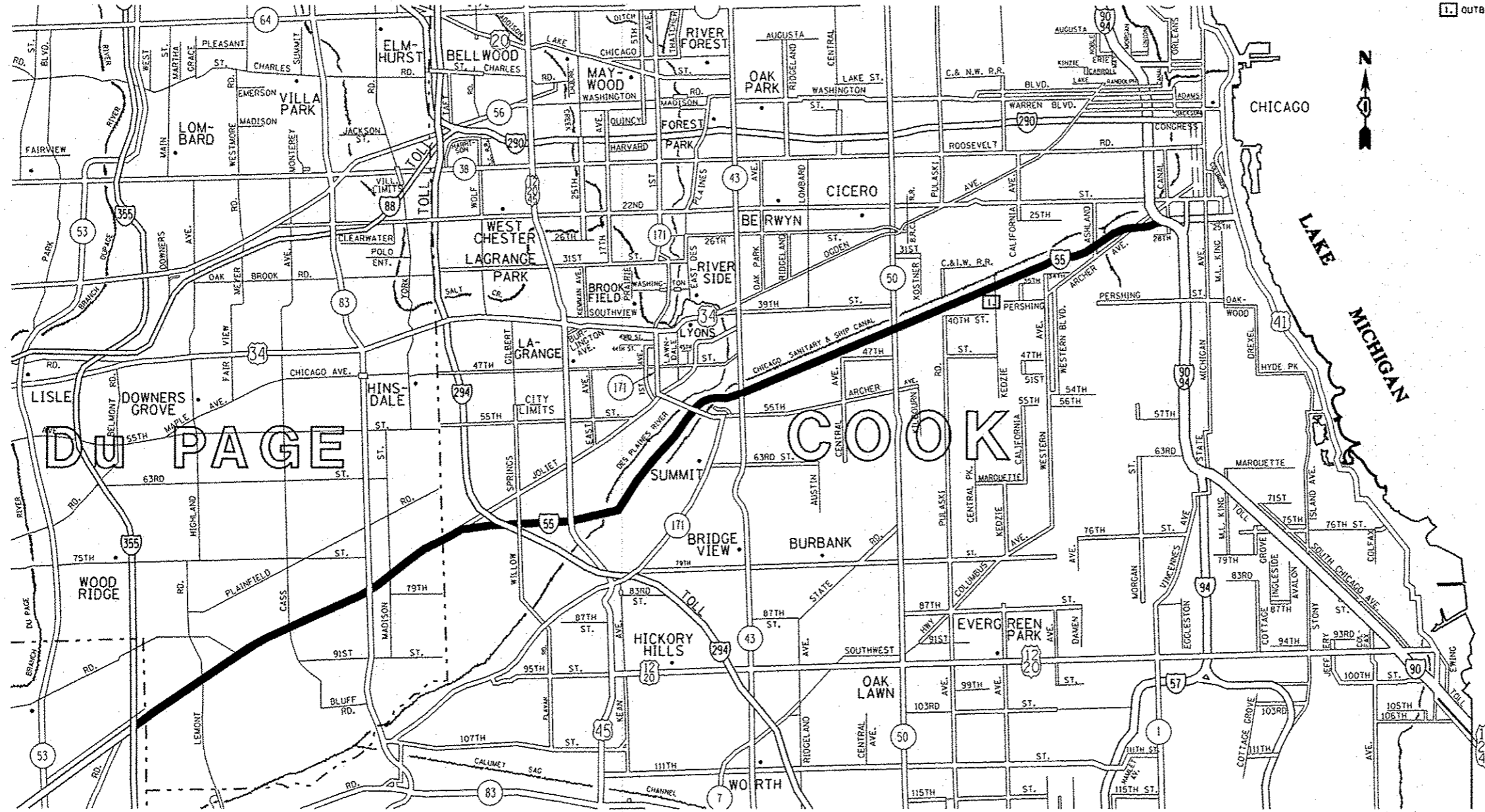
FILE NAME : c:\pwork\puidot\midyja\00136184\SweepingContract2009.dgn	USER NAME : midyja	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL I-55 EXPRESSWAY CROSS-SECTIONS		F.A.I. RTE. 55	SECTION 2013-024-1	COUNTY COOK & DUPAGE	TOTAL SHEETS 6	SHEET NO. 4	
PLOT SCALE : 100.0000' / 1"	CHECKED -	REVISED -	REVISED -				SCALE: SHEET NO. OF SHEETS STA. TO STA.		CONTRACT NO. 60W57			
PLOT DATE : 4/27/2013	DATE -	REVISED -	REVISED -		ILLINOIS FED. AID PROJECT							

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

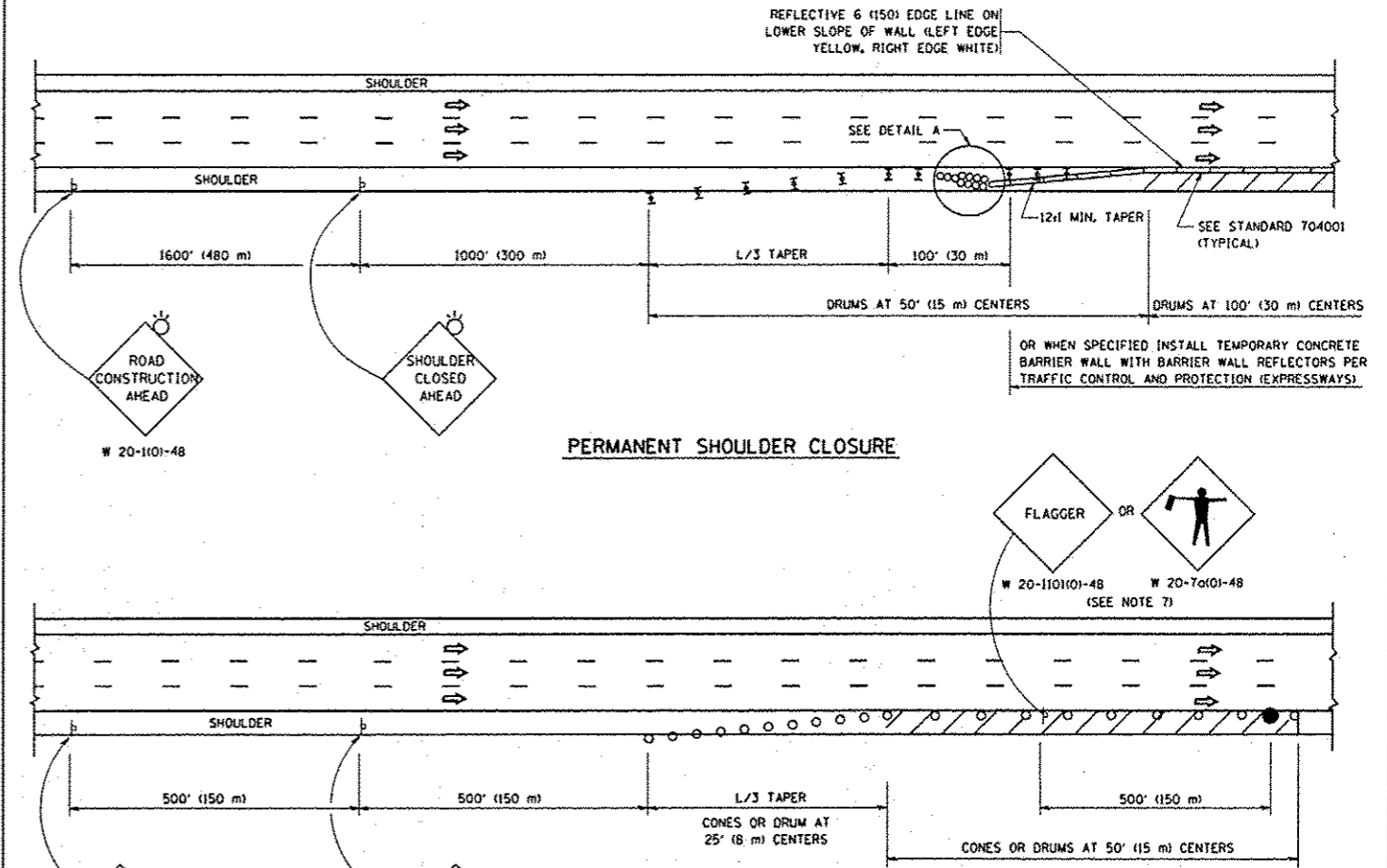
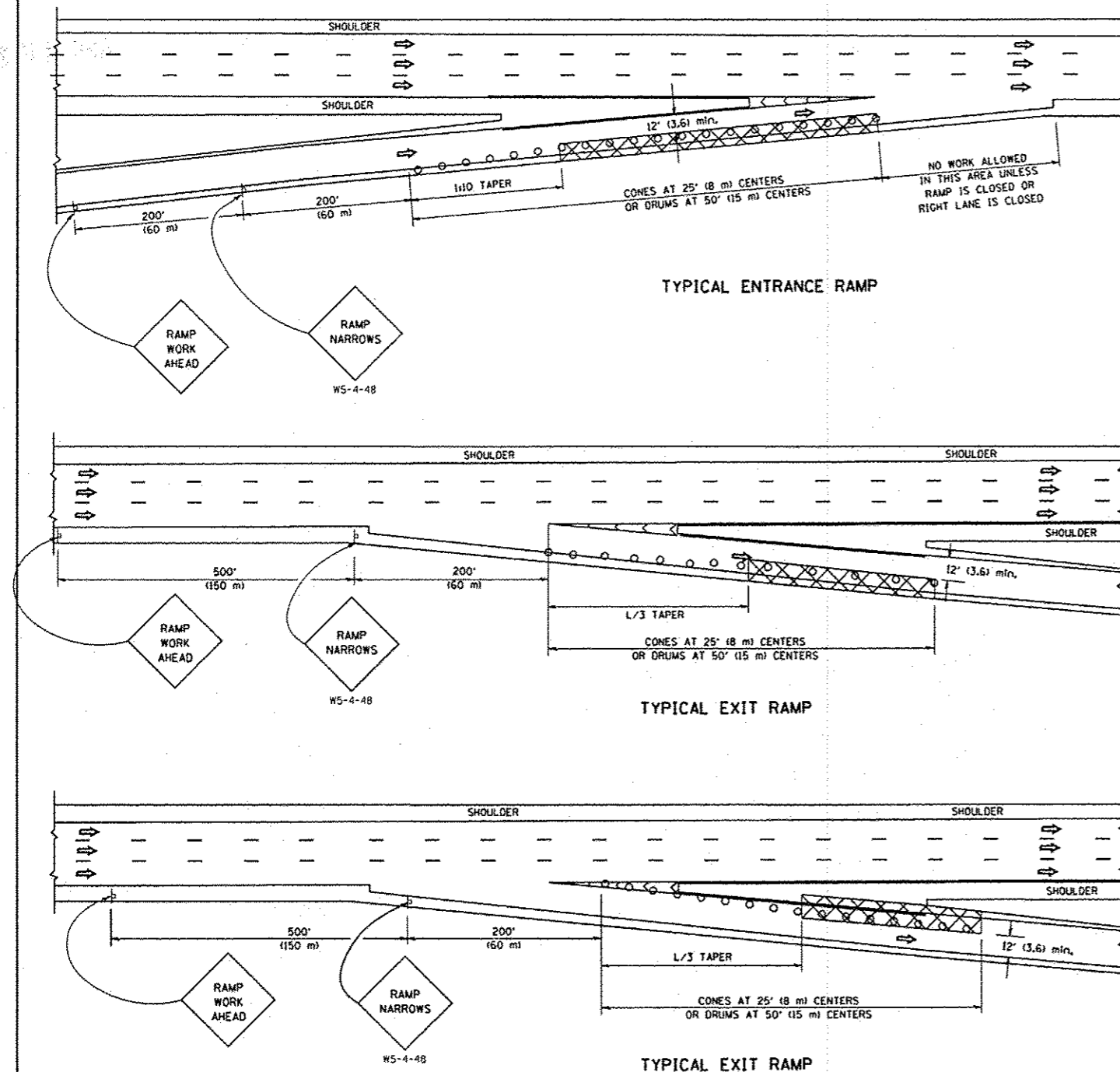


- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - STATE HIGHWAYS & EXPRESSWAYS TO BE CLEANED
 - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

FILE NAME :	USER NAME : midyjo	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:\pwwork\p1\dot\midyjo\00136104\5\exp\g\Contract\2009.dgn	PLOT SCALE = 100.0000' / 1" =	DRAWN -	REVISED -			55	2013-024-1	COOK & DUPAGE	6	5	
PLOT DATE = 4/27/2013	DATE -	CHECKED -	REVISED -			CONTRACT NO. 60W57					
		DATE -	REVISED -			[ILLINOIS] FED. AID PROJECT					

PARTIAL RAMP CLOSURE DETAILS

SHOULDER CLOSURE DETAILS



OR WHEN SPECIFIED INSTALL TEMPORARY CONCRETE BARRIER WALL WITH BARRIER WALL REFLECTORS PER TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)

THIS DETAIL IS USED WHERE:
1. 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.



ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT.

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 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.

FILE NAME =	USER NAME = midyja	DESIGNED -	REVISED - 04-03	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
oi:\pwork\midyja\midyja\0126184\5\wep	Contract2009.dgn	DRAWN - D.W.S.	REVISED - J.A.F. 12-06		55	2013-024-1	COOK & DUPAGE	6	6			
PLOT SCALE = 1/8"=1'-0"		CHECKED -	REVISED - S.P.B. 01-07		TC-17				CONTRACT NO. 60W57			
PLOT DATE = 4/27/2013		DATE - 11-96	REVISED - S.P.B. 12-09		SCALE: NONE	SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				