

138

01-17-2020 LETTING ITEM 138

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAI 90	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 190	2019-167-1	COOK	5	1
FAI 94	ILLINOIS CONTRACT NO. 62K40			

FOR INDEX OF SHEETS, SEE SHEET NO.

PROPOSED HIGHWAY PLANS

**FAI ROUTE 90/FAI ROUTE 190/FAI ROUTE 94: I-90 (KENNEDY EXPWY)/I-190/I-94 (EDENS EXPWY)
W. OF US 12/45 (MANNHEIM RD) TO CONGRESS PKWY
SECTION: 2019-167-1
EXPRESSWAY HIGHWAY CLEANING (LITTER/DEBRIS REMOVAL)
COUNTY: COOK
C-91-133-20**



LOCATION MAP - SEE INDEX OF SHEETS

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
1-800-892-8123
OR 811

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

CONTRACT NO. 62K40

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED November 25, 2019

Anthony J. Dwyer REGIONAL ENGINEER
2019
Paul A. Etk
ENGINEER OF DESIGN AND ENVIRONMENT
2019
Paul A. Etk
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 3

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* FAI 90 PAI 190 FAI 94	2019-167-I	COOK	5	2
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

INDEX OF SHEETS

1. TITLE SHEET
2. INDEX OF SHEETS
APPLICABLE STATE STANDARDS
3. SUMMARY OF QUANTITIES
SCHEDULE OF CLEANING STARTING DATES
4. EXPRESSWAY CLEANING: I-190, I-90/94
5. TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES
AND PARTIAL RAMP CLOSURES (TC-17)

STATE STANDARDS

- 701101-05 OFF-ROAD OPERATION MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATION MULTILANE, MORE THAN 15' AWAY
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-08 TRAFFIC CONTROL DEVICES

PLOT DATE = 11/25/2019
 FILE NAME = p:\1\elenn\com\do\illinois\gov\MDOT\Documents\DOT Offices\District 1\Projects\Sweeping Contracts\CADData\Design\SweepingContract2017.dgn
 PLOT SCALE = 1/8"=1'-0"
 USER NAME = mdjup

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS AND STATE STANDARDS

SCALE: VERT. DRAWN BY
 DATE HORIZ. CHECKED BY

* FAI 90
PAI 190
FAI 94

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2019-167-I	COOK	5	3
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	

SUMMARY OF QUANTITIES

CODE NO.	ITEM	UNIT	URBAN	
			TOTAL QUANTITIES	100 % STATE 0044 EXPRESSWAY
X0326643	LITTER PICKING	MILE	275	275

NOTES:

- SCHEDULE MAY VARY AS DIRECTED BY THE ENGINEER.
- NO WORK WILL BE ALLOWED DURING ANY LEGAL HOLIDAY PERIOD.
- ALL SCHEDULES OF ANTICIPATED STARTING DATES SHOWN ARE TENTATIVE AS DETERMINED BY THE DEPARTMENT'S OPERATIONAL NEEDS.
- 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.
- ALL 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.**
- 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:

2020: APRIL 10 - APRIL 13	EASTER HOLIDAY
MAY 22 - MAY 26	MEMORIAL DAY HOLIDAY
JULY 2 - JULY 6	INDEPENDENCE DAY HOLIDAY
SEPTEMBER 4 - SEPTEMBER 8	LABOR DAY HOLIDAY
NOVEMBER 23 - DECEMBER 1	THANKSGIVING HOLIDAY
DECEMBER 23 - JANUARY 1/2021	CHRISTMAS/NEW YEAR'S HOLIDAY

REV. - MS

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SUMMARY OF QUANTITIES AND SCHEDULE OF STARTING DATES
SCALE:	VERT. DATE	HORIZ. DRAWN BY
		CHECKED BY

* FAI 90
PAI 190
FAI 94

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	2019-167-1	COOK	5	4
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

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



PLOT DATE = 11/25/2019
 FILE NAME = pm\p\penn.com\do\illinois\gop\m\1001\Documents\1001\Office\District\Projects\Sweeping\Contracta\CadData\Design\SweepingContractL2017.dgn
 PLOT SCALE = 1:85,882.4 / in.
 USER NAME = rshp

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

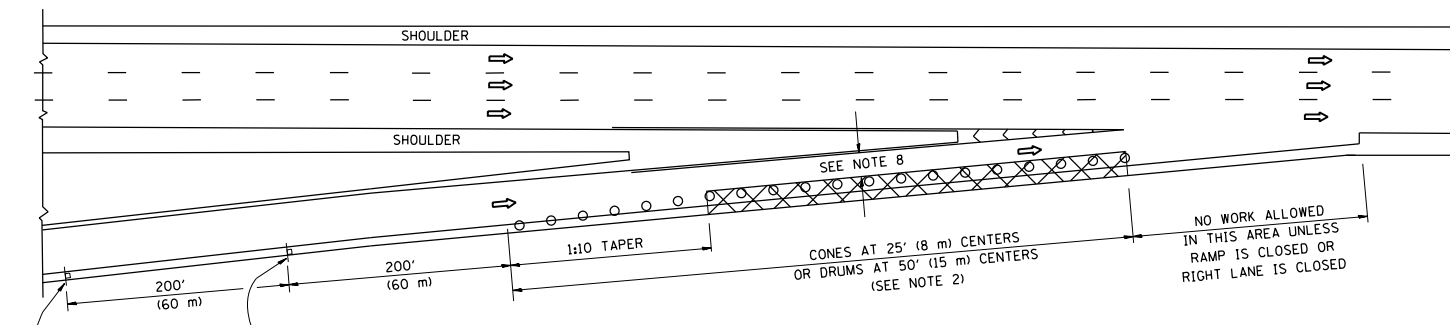
EXPRESSWAY CLEANING LITTER/ DEBRIS REMOVAL

I-190; I-90/94,

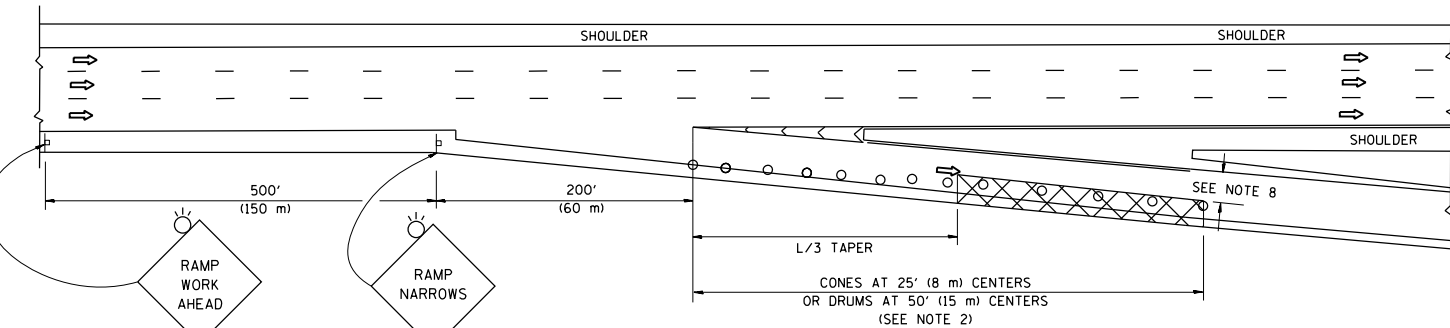
SCALE: VERT. / HORIZ.
DATE

DRAWN BY
CHECKED BY

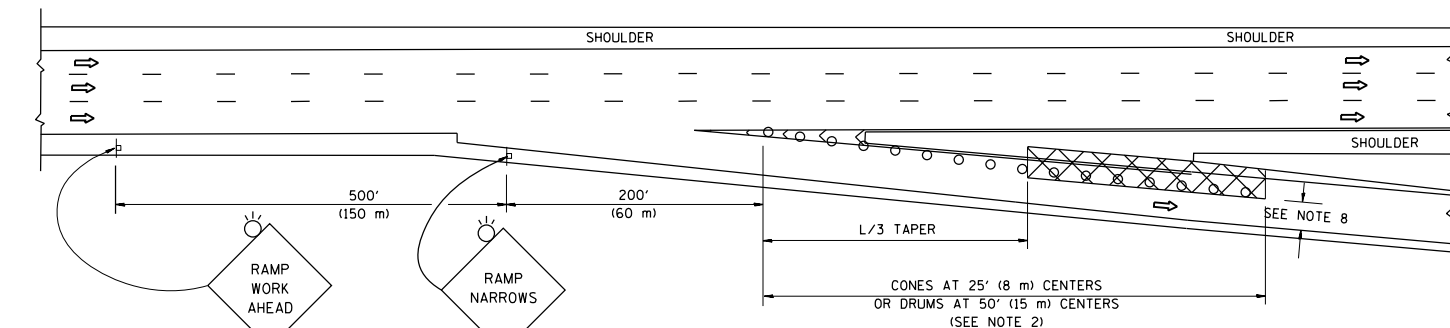
PARTIAL RAMP CLOSURE DETAILS



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

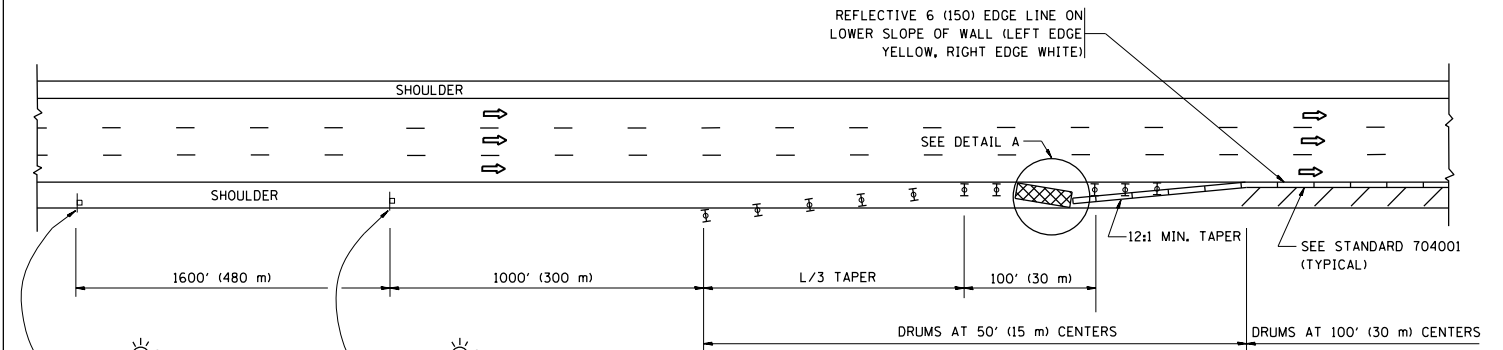
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

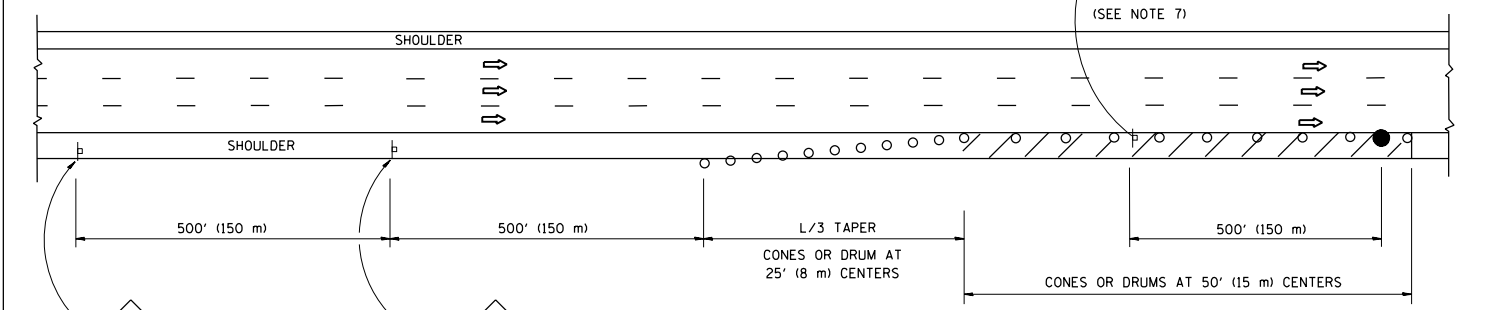
SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L=0.65(W)(S)$ $L=(W)(S)$

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.
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 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

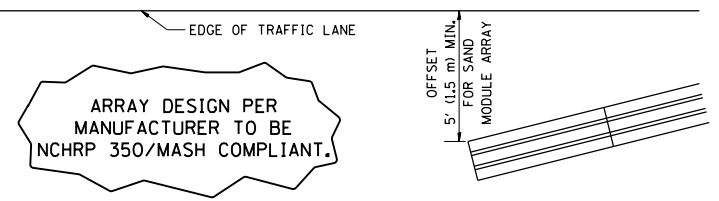


PERMANENT SHOULDER CLOSURE



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.

* FAI 90
 PAI 190
 FAI 94

FILE NAME =	USER NAME = rothjp	DESIGNED -	REVISED - S.P.B. 01-07
pw:\planroom.dot\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 1\Projects\Sweeping\Drawings\6000\Drawings\Sweeping\CONTRACT NO. 62K40	DRAWN -	CHECKED -	REVISED - S.P.B. 12-09
Default	PLOT SCALE = 100.0000' / in.	DATE - 11-96	REVISED - M.D. 06-13
	PLOT DATE = 11/25/2019		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.
*	2019-167-I	COOK	5	5
TC-17		CONTRACT NO. 62K40		
ILLINOIS FED. AID PROJECT				