

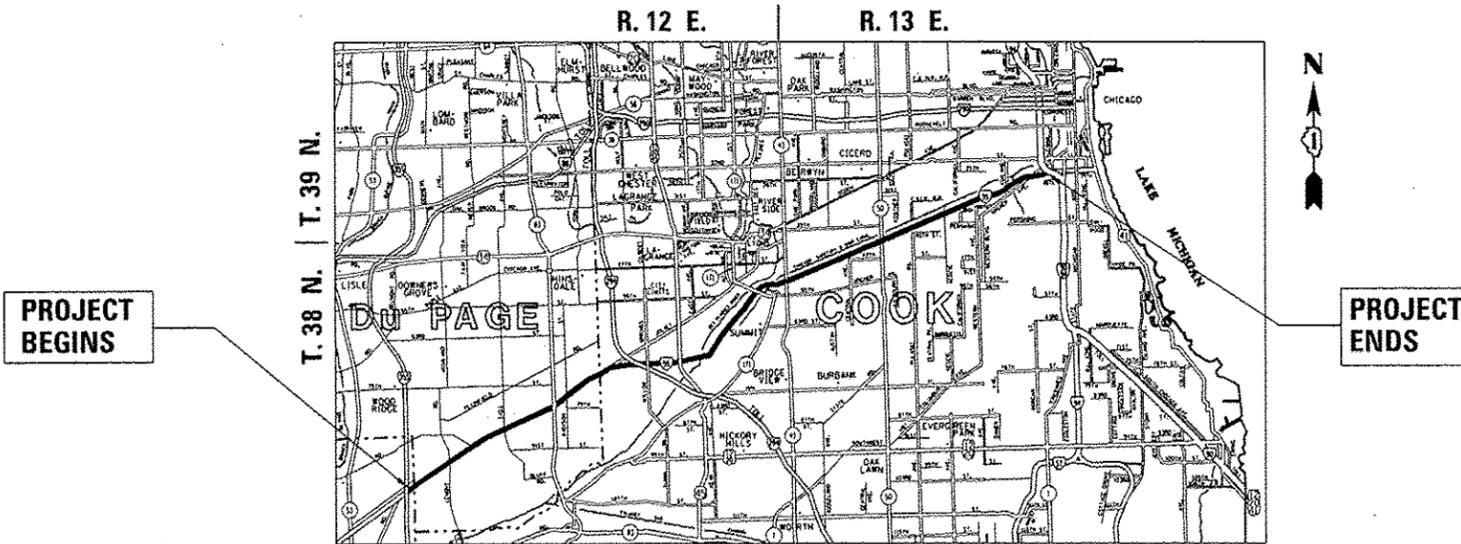
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2016-0491	COOK & DUPAGE	6	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 62D32		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS
F.A.I. ROUTE 55 (I-55 – STEVENSON EXPY)
I-355 TO I-90/94
SECTION: 2016-0491
EXPRESSWAY CLEANING (SWEEPING)
PROJECT: ACNHPP-0055(457)
COOK & DUPAGE COUNTIES

C-91-461-16



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

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

TRAFFIC DATA:
2015 ADT: 170,800

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. 62D32

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED June 29 2016
John F. [Signature]
REGIONAL ENGINEER

Aug 12 2016
Margaret M. [Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 12 2016
[Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
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 (TC-17)

STATE STANDARDS

- | | |
|-----------|---|
| 701101-05 | OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FORM PAVEMENT EDGE |
| 701426-08 | LANE CLOSURE, MULTILANE INTERMITTENT OR MOVING OPERATION FOR SPEEDS ≥45 MPH |
| 701901-05 | 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).

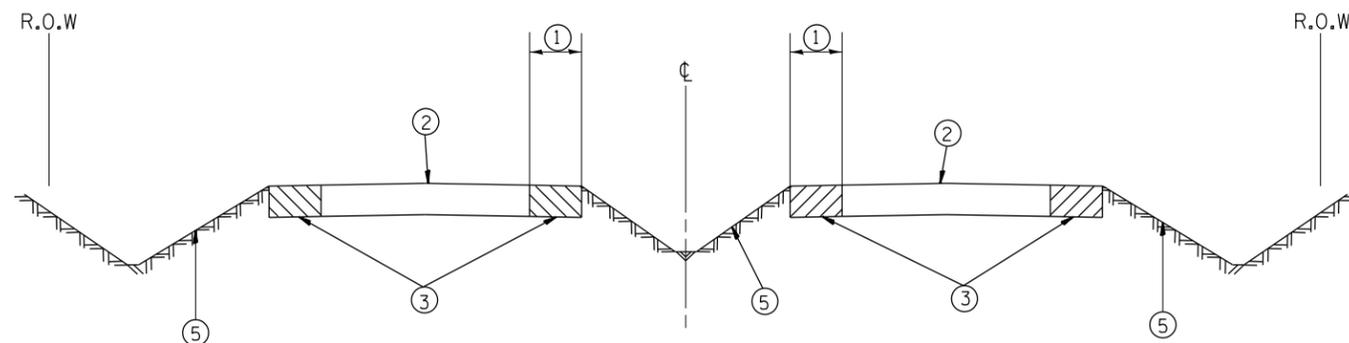
WATER TRUCKS USED TO CONTROL DUST PROPAGATION ARE ALLOWED TO OPERATE BY THEMSELVES. THEY SHALL AVOID SUDDEN STOPS.

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.

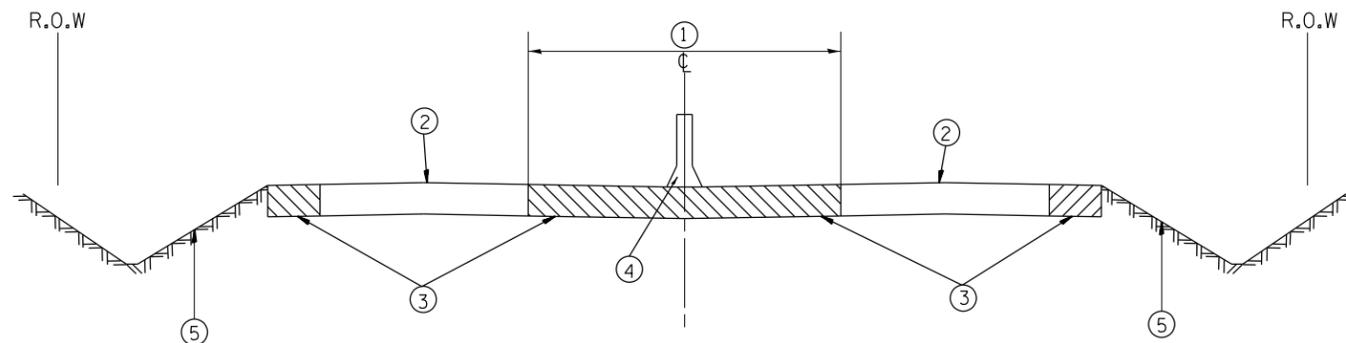
FILE NAME :	USER NAME : pgrzenowakrb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STATE STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11\08468IDINTEG.illinois.gov\FW1007\Documents\1007 Offices\District 1\Projects\Sweeping\Drawings\CAD\State\Design\Sweeping\08468IDINTEG.dgn	REVISION	REVISION	55			2016-0491	COOK & DUPAGE	6	2		
PLOT SCALE * 100.0000 1/16"	CHECKED -	REVISED -	CONTRACT NO. 62032								
PLOT DATE * 6/21/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
						SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.



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

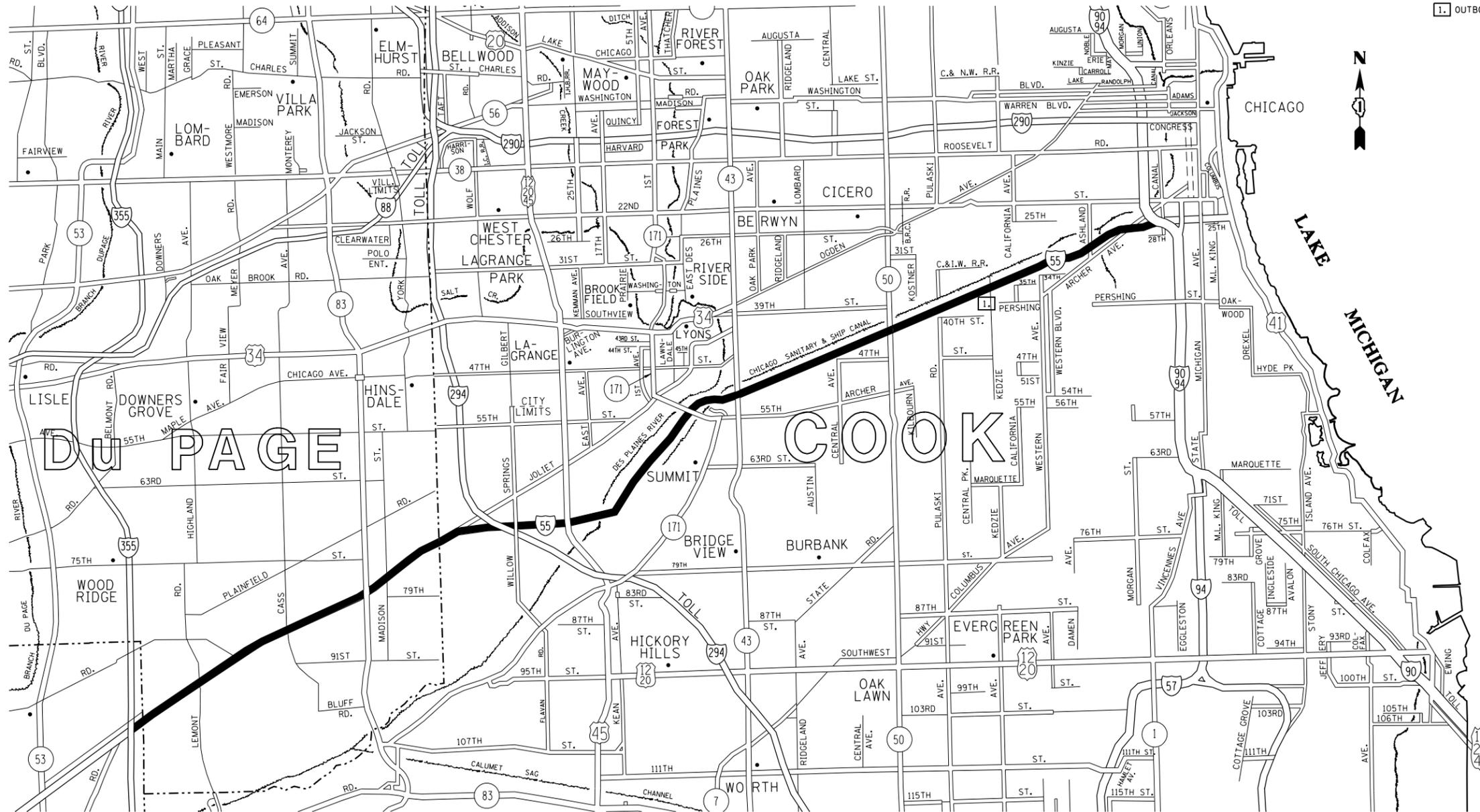
FILE NAME =	USER NAME = pyznowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL I-55 EXPRESSWAY CROSS-SECTIONS		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\084EBIDINTEG.illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\Sweeping\Drawings\CADData\Design\Sweeping\084EBID.dgn	DRAWN -	REVISOR -	55				2016-049I	COOK & DUPAGE	6	4	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	CONTRACT NO. 62D32								
PLOT DATE = 6/21/2016	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

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

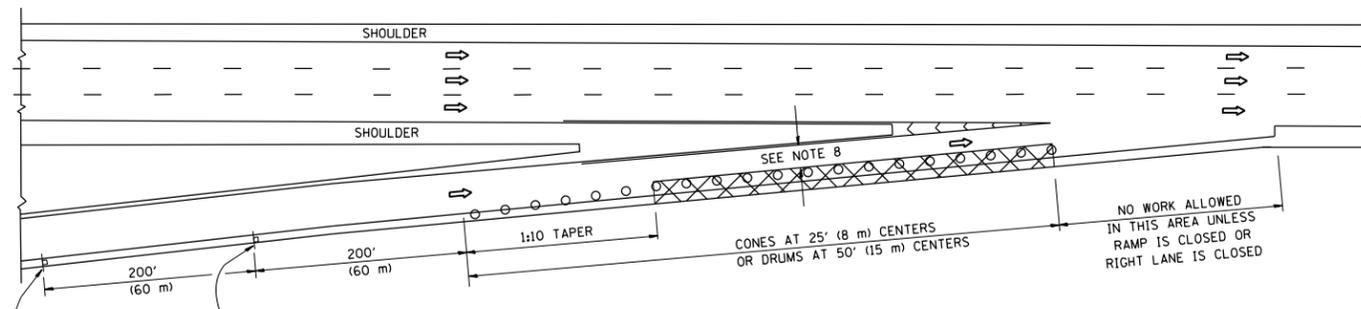


- DISTRICT NO. 1
- STATE HIGHWAYS & EXPRESSWAYS WITHIN STATE JURISDICTION (EXCEPT TOLLWAYS)
 - STATE HIGHWAYS & EXPRESSWAYS TO BE CLEANED
 - FUTURE HIGHWAYS
 - VARIOUS AGENCIES HIGHWAYS

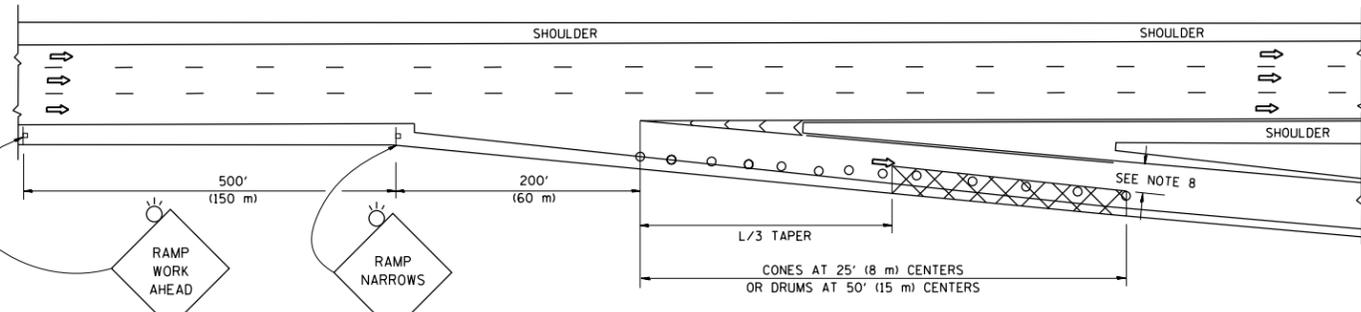
FILE NAME =	USER NAME = pyrznowskirb	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 EXPRESSWAY CLEANING LOCATION MAP			F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\1\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 1\Projects\Sweeping\contracts\CADData\Design\Sweeping\REVISED.dgn	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -					55	2016-0491	COOK & DUPAGE	6	5
	PLOT DATE = 6/21/2016	DATE -	REVISED -					CONTRACT NO. 62D32				
								ILLINOIS FED. AID PROJECT				
				SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				

PARTIAL RAMP CLOSURE DETAILS

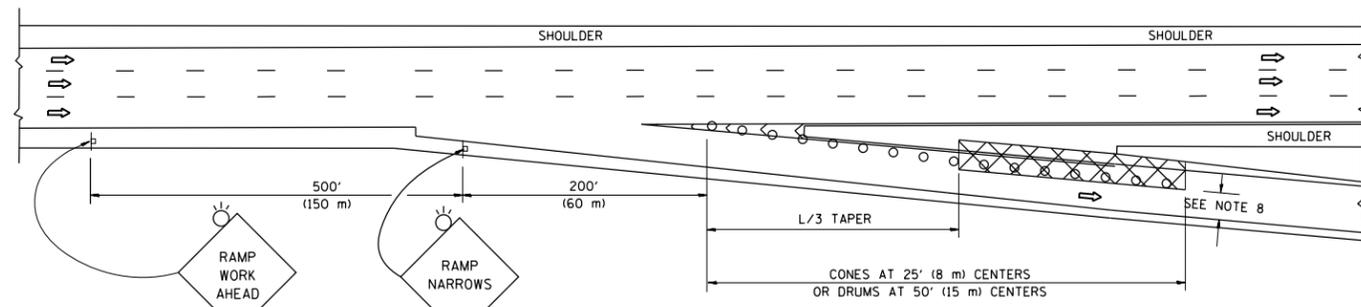
SHOULDER CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

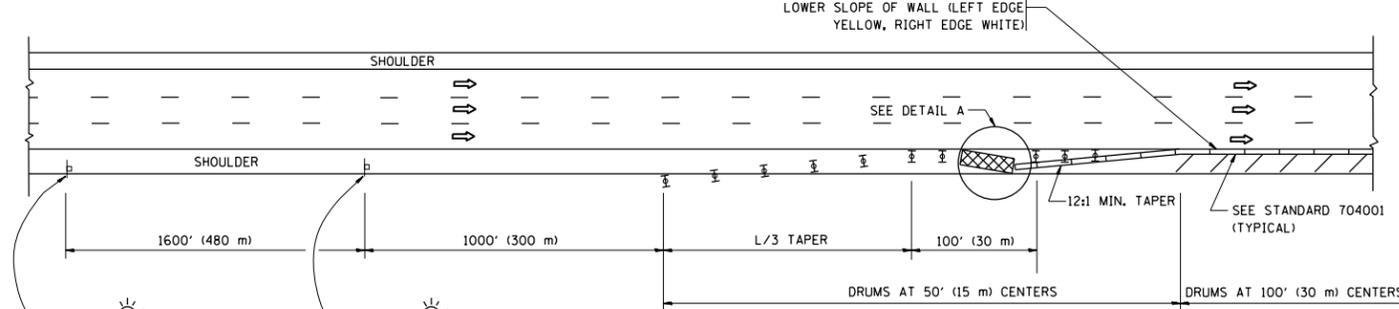
SYMBOLS

- 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

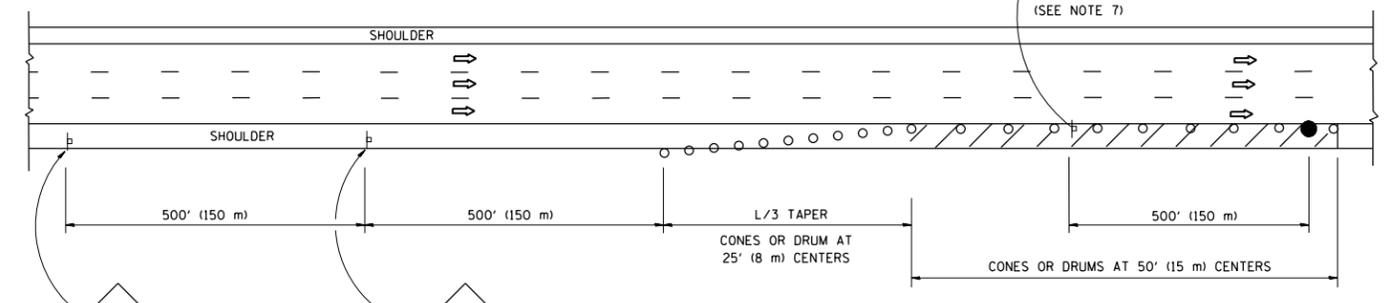
GENERAL NOTES

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 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.

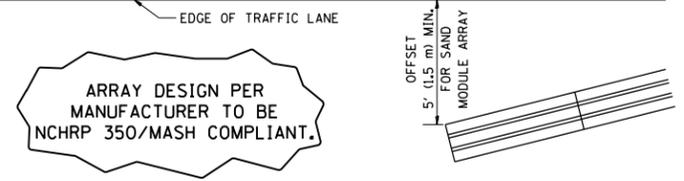


PERMANENT SHOULDER CLOSURE



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
pw:\IL\084EBID\INTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 1\Projects\Sweeping\Drawings\CA\Drawings\Sweeping\REVISED.dgn		CHECKED -	REVISED - S.P.B. 01-07
		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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	2016-049I	COOK & DUPAGE	6	6
TC-17			CONTRACT NO. 62D32	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				