

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2017-0661	VARIOUS	7	1
ILLINOIS			CONTRACT NO. 62G09	

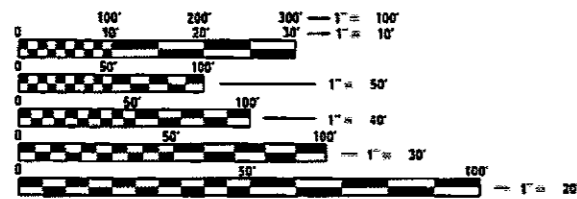
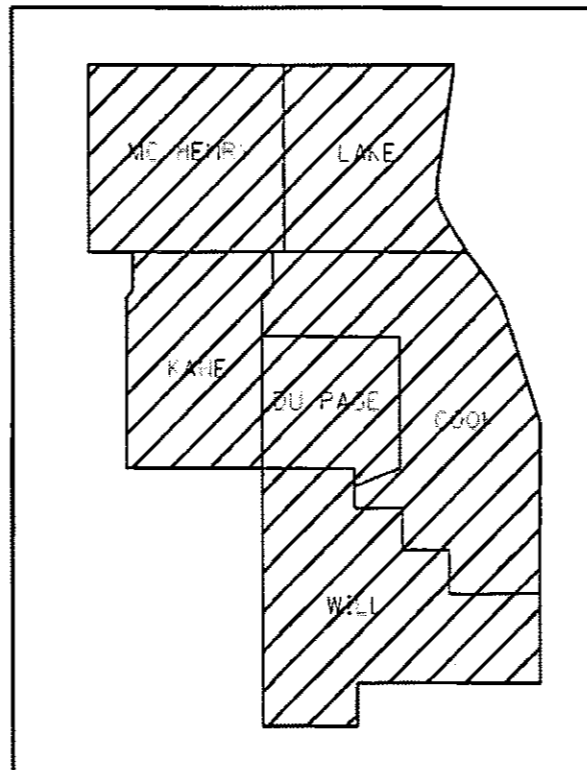
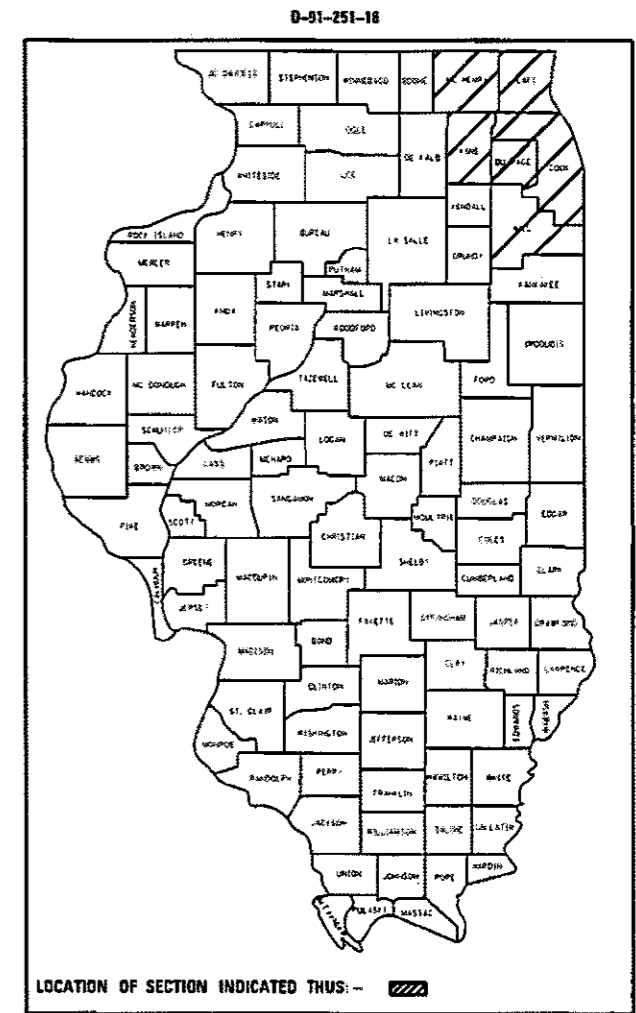
FOR INDEX OF SHEETS, SEE SHEET NO. 2

**PROPOSED
HIGHWAY PLANS**

ROUTE: VARIOUS
SECTION: 2017-0661
WEED CONTROL
VARIOUS COUNTIES

C-91-134-18

IMPROVEMENTS ARE AT VARIOUS
LOCATIONS WITHIN DISTRICT ONE



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
1-800-892-0123
OR 811

PROJECT ENGINEER JAMES STUMPNER
PROJECT MANAGER TANEKA JACKSON (847) 705-4171

CONTRACT NO. 62G09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED December 18, 2017

Anthony J. Quigley 1/18/18 REGIONAL ENGINEER
Feb 2 2018
AK ENGINEER OF DESIGN AND ENVIRONMENT
David P. Ch... DIRECTOR OF PROGRAM DEVELOPMENT 2

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OF THE STATE OF ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2017-066I	VARIOUS	7	2

CONTRACT 62G09

INDEX OF SHEETS

- | | | |
|---|-----------|-------------|
| 1) COVER SHEET | 701101-05 | 701311 - 03 |
| 2) INDEX OF SHEETS, GENERAL NOTES, STATE STANDARDS | 701426-09 | 701901 - 07 |
| 3) SUMMARY OF QUANTITIES | | |
| 4) SAMPLE WORK ORDER | | |
| 5) SPRAY MAP TYPICAL | | |
| 6) TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS | | |
| 7) TC-17 TRAFFIC CONTROL DETAIL FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES | | |

STATE STANDARDS

GENERAL NOTES

- Engineer may provide IDOT purchased herbicide to be tank mixed at no additional cost.
- Random spot check inspections by the Engineer will occur to verify calibration rates.
- Plans will be available at the Pre-construction meeting for specific locations.

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEED CONTROL

INDEX OF SHEETS, STATE
STANDARDS, GENERAL NOTES

URBAN

SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE					SUMMARY OF QUANTITIES					CONSTRUCTION TYPE CODE				
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	100% STATE 0031 FORMAL CONTRACT FUND						CODE NO	ITEM	UNIT	TOTAL QUANTITIES						
67100100	MOBILIZATION	L SUM	1	1															
K0029614	WEED CONTROL, AQUATIC	GALLON	100	100															
K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	50	50															
K0029624	WEED CONTROL, TEASEL	GALLON	25	25															
K0029632	WEED CONTROL, NON-SELECTIVE AND NON-RESIDUAL	GALLON	50	50															
K0322955	WEED CONTROL SELECTIVE (WOODY PLANTS & BROADLEAF)	GALLON	5	5															

6

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		WEED CONTROL AT VARIOUS LOCATIONS SUMMARY OF QUANTITIES		F.A. RTE.	SECTION	COUNTY	TOTAL SHEET NO.
		DRAWN	REVISED					2017-0661	VARIOUS	1	3
		CHECKED	REVISED								
		DATE	REVISED								
PLOT SCALE		PLOT DATE		SHEET NO. OF SHEETS		STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2017-066I	VARIOUS	7	4

CONTRACT 62G09

 Illinois Department of Transportation	Contract Number: _____
	Weed Control Work Order #: _____
	Route: _____

Standard 30-day application	Specialized 10-day spot spray
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Cook	DuPage	Kane	Work Order Prepared By	Team Section
Lake	McHenry	Will		

Location:

Refer to attached Weed Control maps, which are hereby made a part of this work order (____ sheets)

WORK INCLUDED IN THIS WORK ORDER			
Item	Est. Map Qty.	Priority Multiplier	Est. Work Order Qty.
Weed Control, Aquatic K0029614	acres gallons		acres gallons
Weed Control, Broadleaf in Turf K0029618	acres gallons		acres gallons
Weed Control, Teasel K0029624	acres gallons		acres gallons
Weed Control, Non-Selective Non-Residual K0029632	acres gallons		acres gallons
Weed Control, Selective (Woody Plants & Broadleaf) X0322955	acres gallons		acres gallons

AUTHORIZATION OF WORK ORDER	
Resident Engineer/Technician Signature	Date/Time
Contractor Signature (to acknowledge receipt)	Date/Time

APPROVED PERSONNEL (RE USE ONLY)	
Name	License Number

CERTIFICATION OF COMPLETION	
Contractor Signature	Date/Time

ACCEPTANCE OF COMPLETED WORK	
Resident Engineer/Technician Signature	Date/Time

ILLINOIS DEPARTMENT OF TRANSPORTATION

WEED CONTROL

SAMPLE WORK ORDER

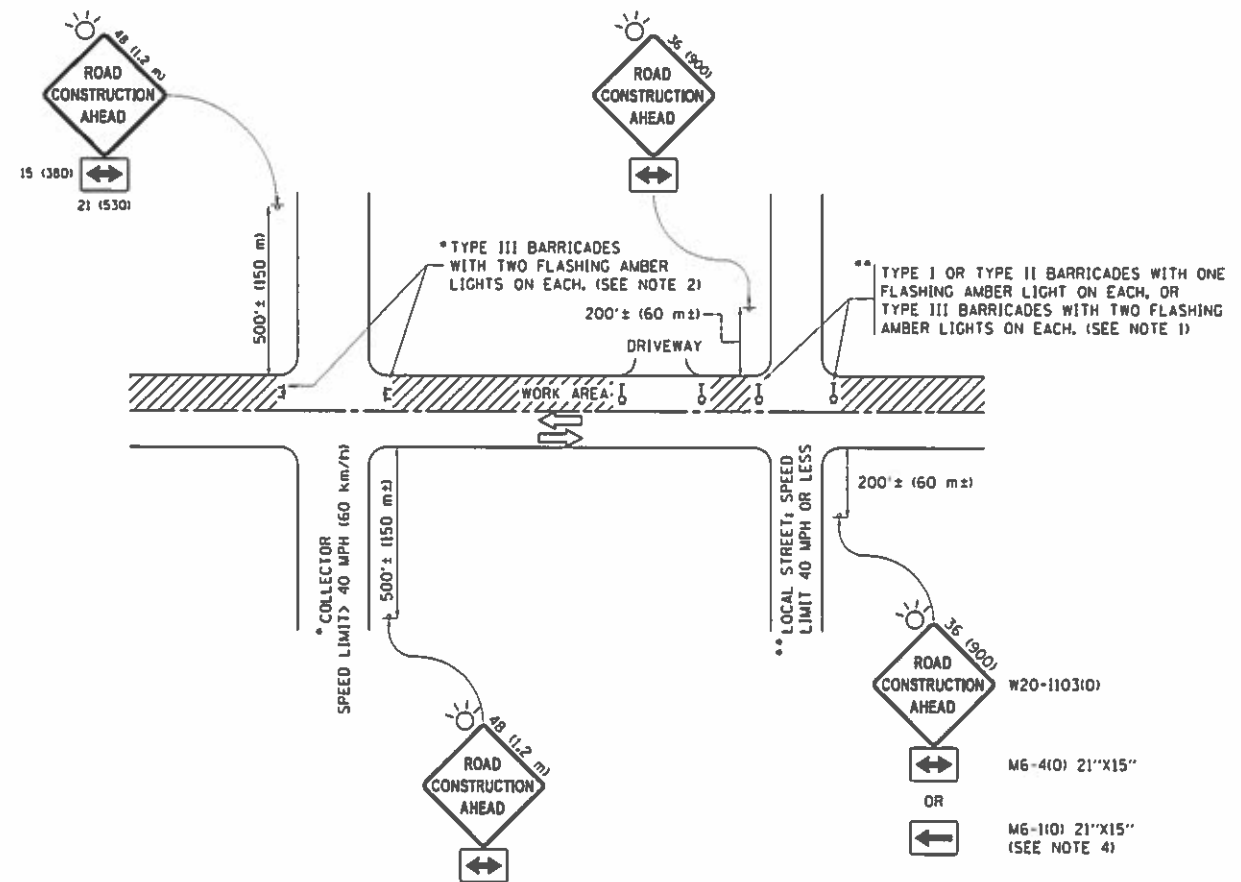
ROUTE VARIOUS	SECTION 2017-066I	COUNTY VARIOUS	TOTAL SHEETS 7	SHEET NUMBER 5
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CONTRACT 62G09

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION LANDSCAPE MAINTENANCE	0 100 200 Feet		STRUCTURES — Guardrail — Noise Abatement Wall — Concrete Barrier Wall — Other Wall — Fence	STRUCTURES —	WEED CONTROL Phragmites Teasel	MOWING —	Map Prepared by Team Section: I-55 Route: FAI-137-I-55 Panel Number: 137-FAI-55-46	Contract # Work Order # Sheet # 1 of 1
			STRUCTURES —	WEED CONTROL Phragmites Teasel	MOWING —	Contract # Work Order # Sheet # 1 of 1		

ILLINOIS DEPARTMENT OF TRANSPORTATION
 WEED CONTROL
 WEED SPRAY MAP TYPICAL



NOTES:

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.
2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:
 - a) ONE "ROAD CONSTRUCTION AHEAD" SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.
 - b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
4. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in inches (millimeters) unless otherwise shown.

FILE NAME	USER NAME	DESIGNED	REVISED
del: (L084EB10H)REG:Illinois.gov-PW1007 Do	footem	L.N.A.	A. HOUSEH 10-15-96
	Projects	ORAMM	T. RAMMACHER 01-06-00
		CHECKED	A. SCHUETZE 07-01-13
	PLOT SCALE	DATE	REVISED
	50,000	06-09	A. SCHUETZE 09-15-16
	PLOT DATE		
	9-15-2016		

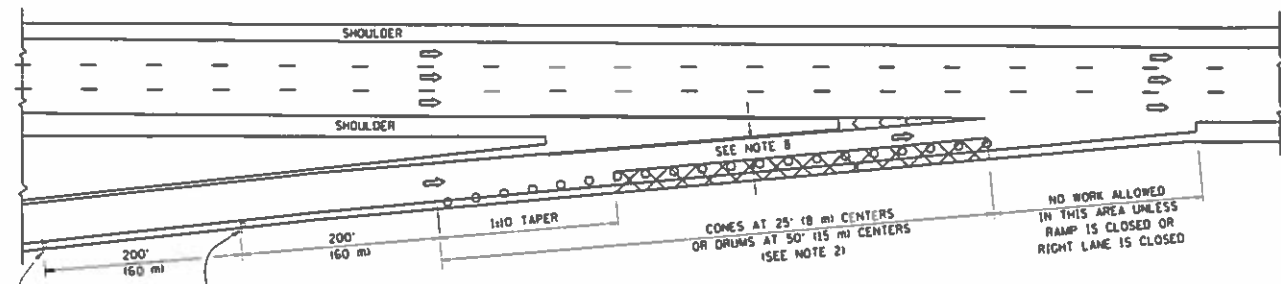
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL AND PROTECTION FOR
SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS**

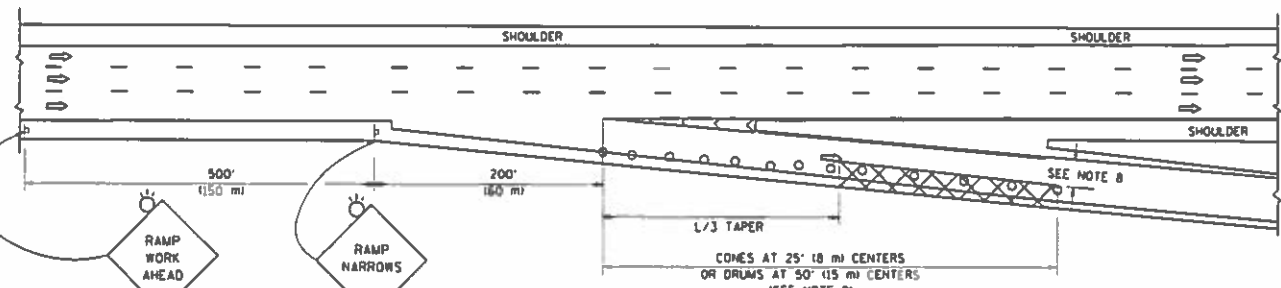
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2017-0661	VARIOUS	7	6
	TC-10	CONTRACT NO. 62609		
(ILLINOIS) FEB. AID PROJECT				

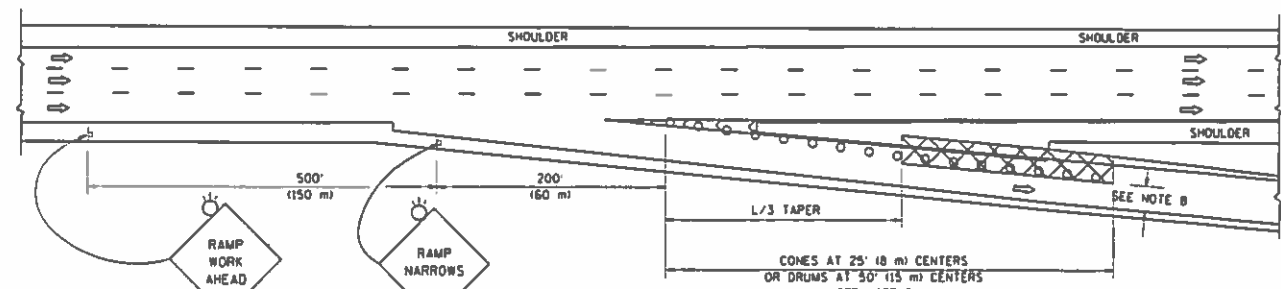
PARTIAL RAMP CLOSURE DETAILS



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

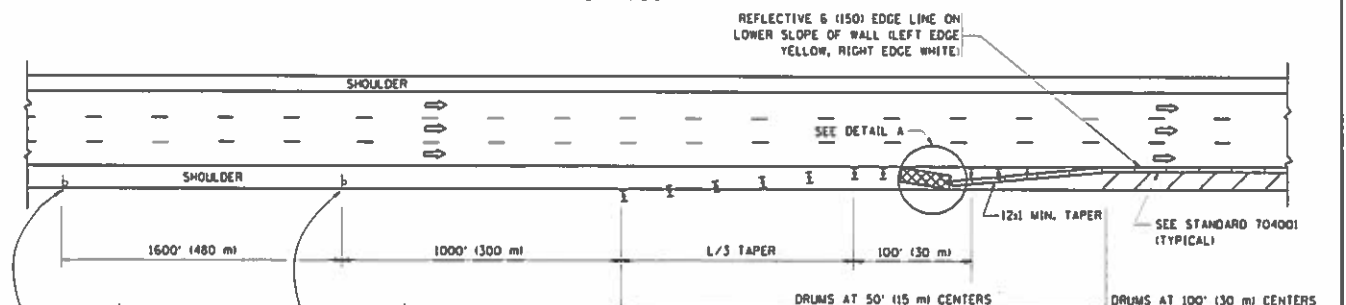
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:

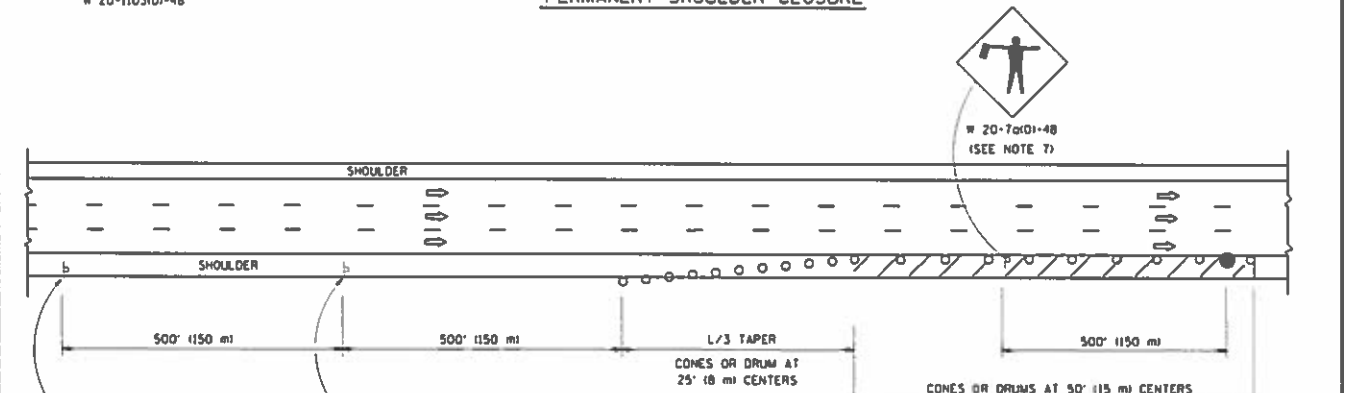
SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC: $L = 0.65(S^2)$ ENGLISH: $L = 0.037(S^2)$

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.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

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/MASH COMPLIANT.

DETAIL "A"
IMPACT ATTENUATOR, TEMPORARY
(SEE NOTE 5)

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 ENCR OACHMENT 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.

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

FILE NAME: \\11110848\BID\TEG\Illinois\go-#11001-00	USER NAME: fcastemj	DESIGNED: CRAMM CAD\Gale C\Gale\11-17.dgn	REVISED: S.P.B. 01-07	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES			F.A. RTE. VAR	SECTION 2017-0881	COUNTY VARIOUS	TOTAL SHEETS 7	SHEET NO. 7
Default	PLOT SCALE: 1/8"=1'-0"	CHECKED: 11-96	REVISED: S.P.B. 12-09		SCALE: NONE	SHEET 1	OF 1	SHEETS STA.	TO STA.	CONTRACT NO. 11110848	(ILLINOIS) FED. AID PROJECT	
	PLOT DATE: 11-27-2017	DATE: 11-96	REVISED: M.D. 06-13									
			REVISED: M.D. 01-18									