

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR.	2016-0881	VARIOUS	9	1
		ILLINOIS	CONTRACT NO. 62D89	

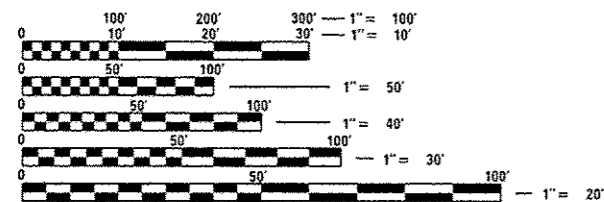
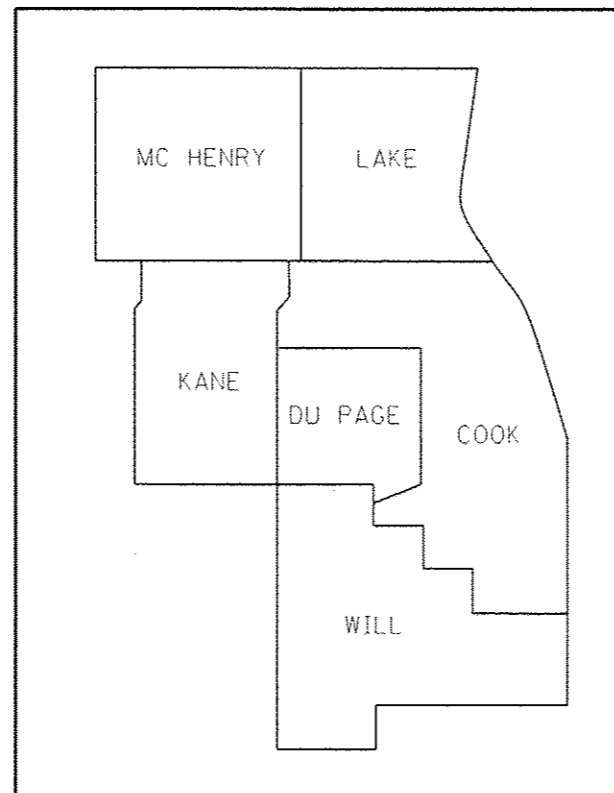
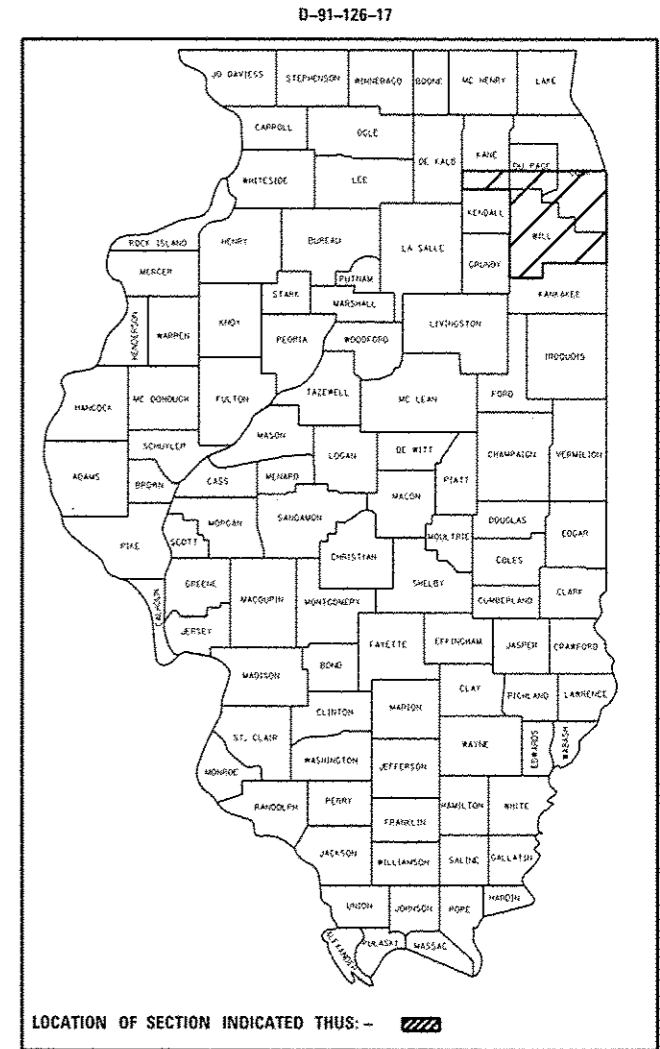
FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

ROUTE: VARIOUS  
SECTION: 2016-0881  
MOWING SOUTH  
VARIOUS COUNTIES

C-91-126-17

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 T. JACKSON (847) 705-4171

CONTRACT NO. 62D89

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED *February 1, 2017*  
*Paul A. Lott, Jr.*  
REGIONAL ENGINEER

*Jan 27, 2017*  
*Maureen M. Addis, P.E.*  
ENGINEER OF DESIGN AND ENVIRONMENT

*Jan 27, 2017*  
*Anneke [Signature]*  
DIRECTOR OF PROGRAM DEVELOPMENT

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OF THE STATE OF ILLINOIS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2016-0881	VARIOUS	9	2

CONTRACT 62D89

**INDEX OF SHEETS**

- 1) COVER SHEET
- 2) INDEX OF SHEETS, STATE STANDARDS
- 3) SUMMARY OF QUANTITIES
- 4) SAMPLE WORK ORDER
- 5) MOWING MAP TYPICAL
- 6) TRIMMING DETAIL
- 7) MOWING DETAIL #1-3
- 8) MOWING DETAIL #4-5
- 9) TC-17 TRAFFIC CONTROL DETAIL FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES

**STATE STANDARDS**

701011-04

701101-05

701311-03

701426-09

701901-06

ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING

INDEX OF SHEETS  
STATE STANDARDS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2016-0881	VARIOUS	9	3

CONTRACT 62D89

SUMMARY OF QUANTITIES


PAY ITEM	DESCRIPTION	UNIT	URBAN <sup>0051</sup>	
			CONTRACT MAINT FUND	100% TOTAL
25000750	MOWING	ACRE	820	820
67100100	MOBILIZATION	L SUM	1	1

2

ILLINOIS DEPARTMENT OF TRANSPORTATION  
MOWING  
SUMMARY OF QUANTITIES

<b>ROUTE</b>	<b>SECTION</b>	<b>COUNTY</b>	<b>TOTAL SHEETS</b>	<b>SHEET NUMBER</b>
VARIOUS	2016-0881	VARIOUS	9	4

CONTRACT 62D89

 <b>Illinois Department of Transportation</b>	Contract Number: _____
	Mowing Work Order Number: _____
	Route: _____

**30-Day Completion Work Order**

Cook	DuPage	Kane	Work Order Prepared By	Team Section
Lake	McHenry	Will		

**Location:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Refer to attached mow maps, which are hereby made a part of this work order (\_\_\_\_ sheets)

WORK INCLUDED IN THIS WORK ORDER		
Item	Mow Map Qty	
Mowing 25000750	acres	

**AGREEMENT TO ACCURACY OF WORK ORDER QUANTITIES**

The Contractor and Engineer hereby agree that when the work is completed essentially to the lines and dimensions given, no further measurement will be required for any of the above items. Payment will be made for the work order quantities shown.

\_\_\_\_\_  
Engineer Signature and Date

\_\_\_\_\_  
Contractor Signature and Date

**AUTHORIZATION OF WORK ORDER**

\_\_\_\_\_  
Technician Signature

\_\_\_\_\_  
Start Date

\_\_\_\_\_  
Completion Date

**CERTIFICATION OF COMPLETION**

\_\_\_\_\_  
Contractor Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Number of 33 gallon bags filled with litter and debris

**ACCEPTANCE OF COMPLETED WORK**

I certify that the work order has been completed in conformance with contract requirements.

\_\_\_\_\_  
Resident Engineer/Technician Signature

\_\_\_\_\_  
Date

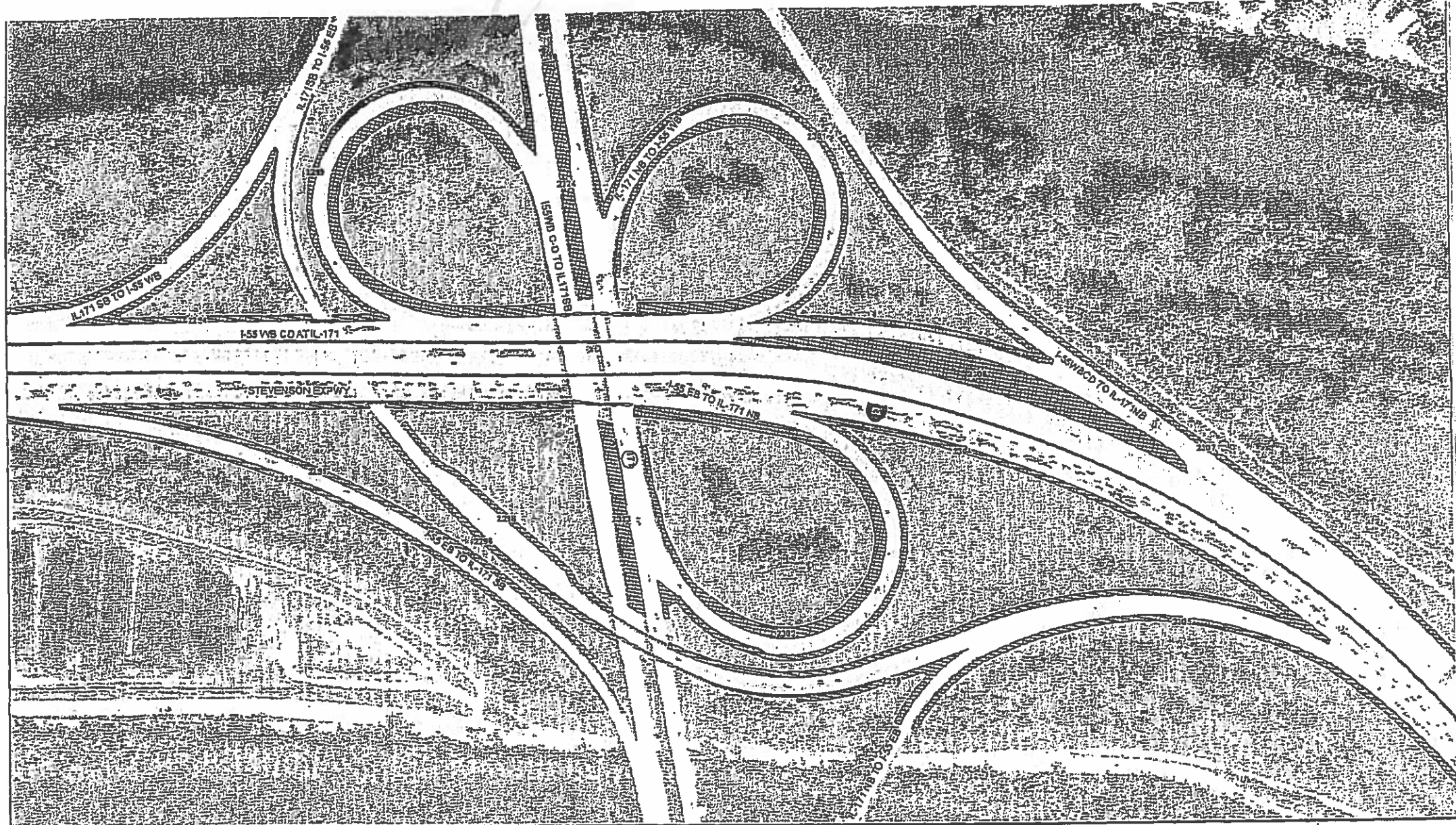
ILLINOIS DEPARTMENT OF  
TRANSPORTATION

MOWING

SAMPLE WORK ORDER

ROUTE VARIOUS	SECTION 2016-0881	COUNTY VARIOUS	TOTAL SHEETS 9	SHEET NUMBER 5
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CONTRACT 62D89



STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION  LANDSCAPE MAINTENANCE	0 100 200 Feet	 <b>STRUCTURES</b> — Guardrail --- Hecce Abatement Wall --- Concrete Barrier Wall --- Other Wall --- Fence	<b>STRUCTURES</b> ---	<b>WEED CONTROL</b> ---	<b>MOWING</b> (M) Mowing (Area)	Map Prepared by:	Contract #:
	Team Section:					Work Order #:	
						Route:	Sheet #:
						Panel Number:	of

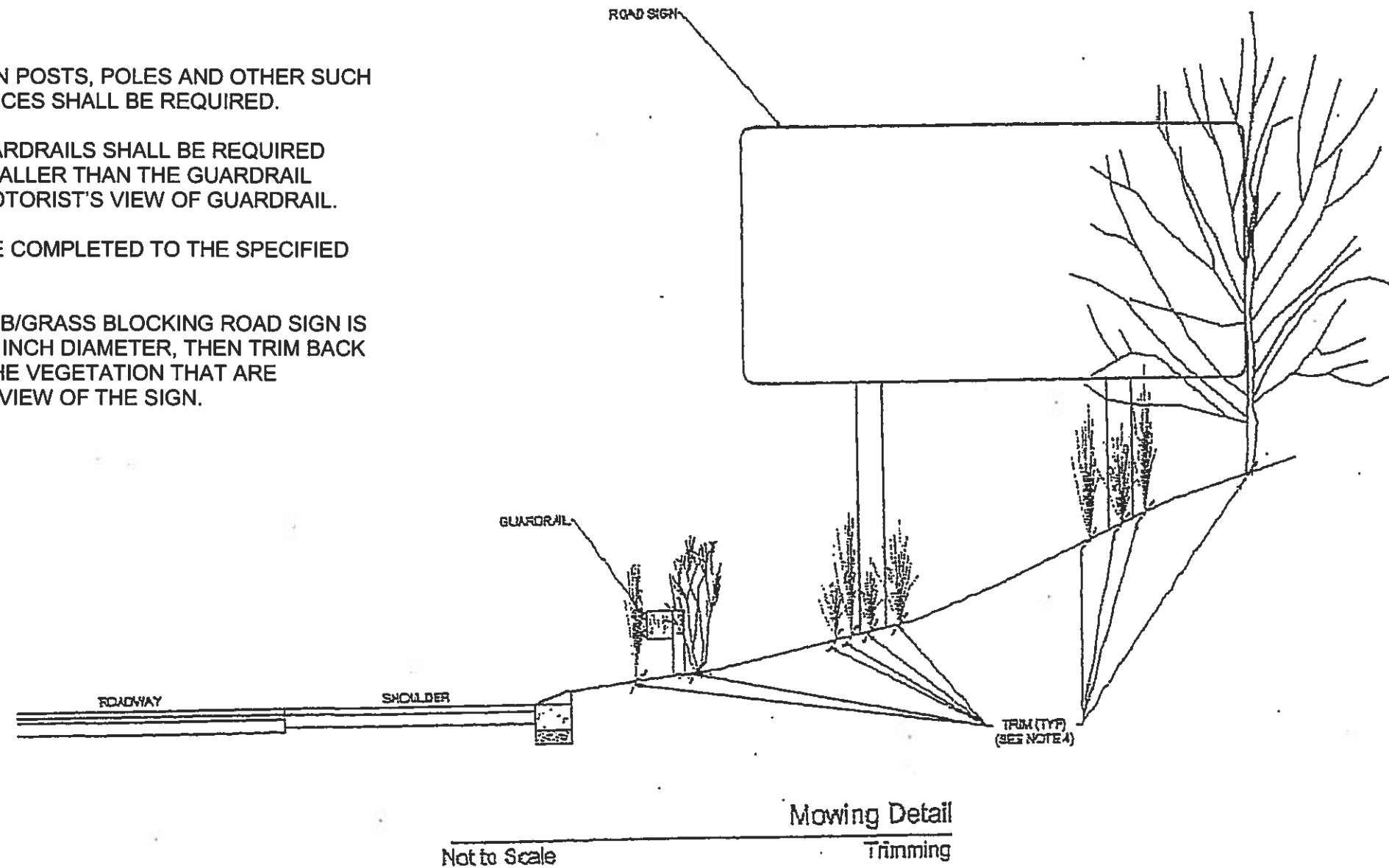
ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
MOWING  
  
MOWING MAP TYPICAL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2016-0881	VARIOUS	9	6

CONTRACT 62D89

NOTES:

1. TRIMMING AROUND SIGN POSTS, POLES AND OTHER SUCH VERTICAL APPURTENANCES SHALL BE REQUIRED.
2. TRIMMING AROUND GUARDRAILS SHALL BE REQUIRED WHEN VEGETATION IS TALLER THAN THE GUARDRAIL AND/OR OBSTRUCTS MOTORIST'S VIEW OF GUARDRAIL.
3. ALL TRIMMING SHALL BE COMPLETED TO THE SPECIFIED MOWING HEIGHT.
4. IF STEM OF WEED/SHRUB/GRASS BLOCKING ROAD SIGN IS GREATER THAN ONE (1) INCH DIAMETER, THEN TRIM BACK THOSE PORTIONS OF THE VEGETATION THAT ARE BLOCKING MOTORIST'S VIEW OF THE SIGN.



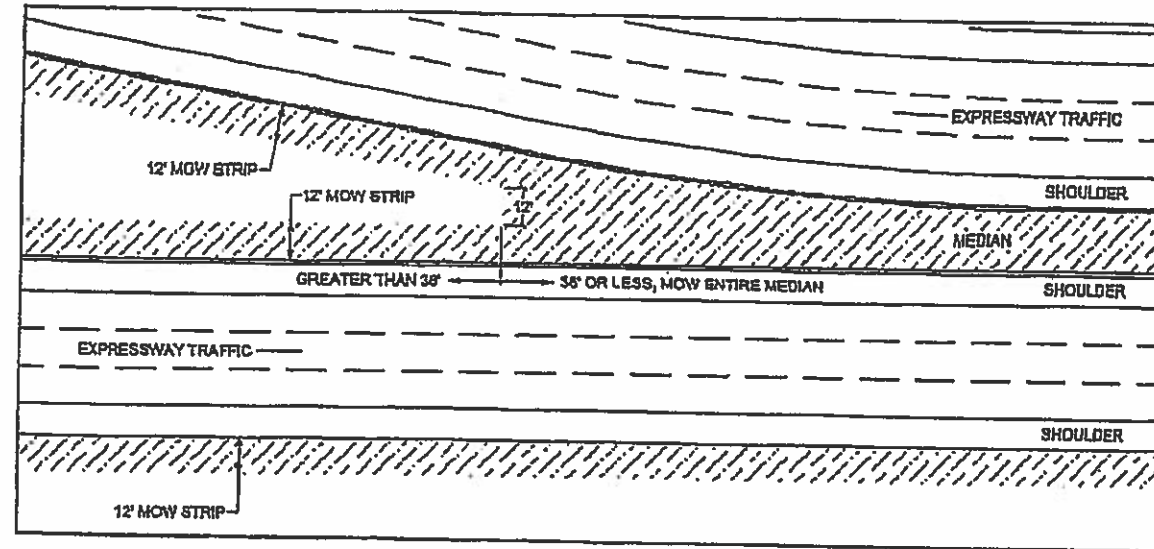
ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING

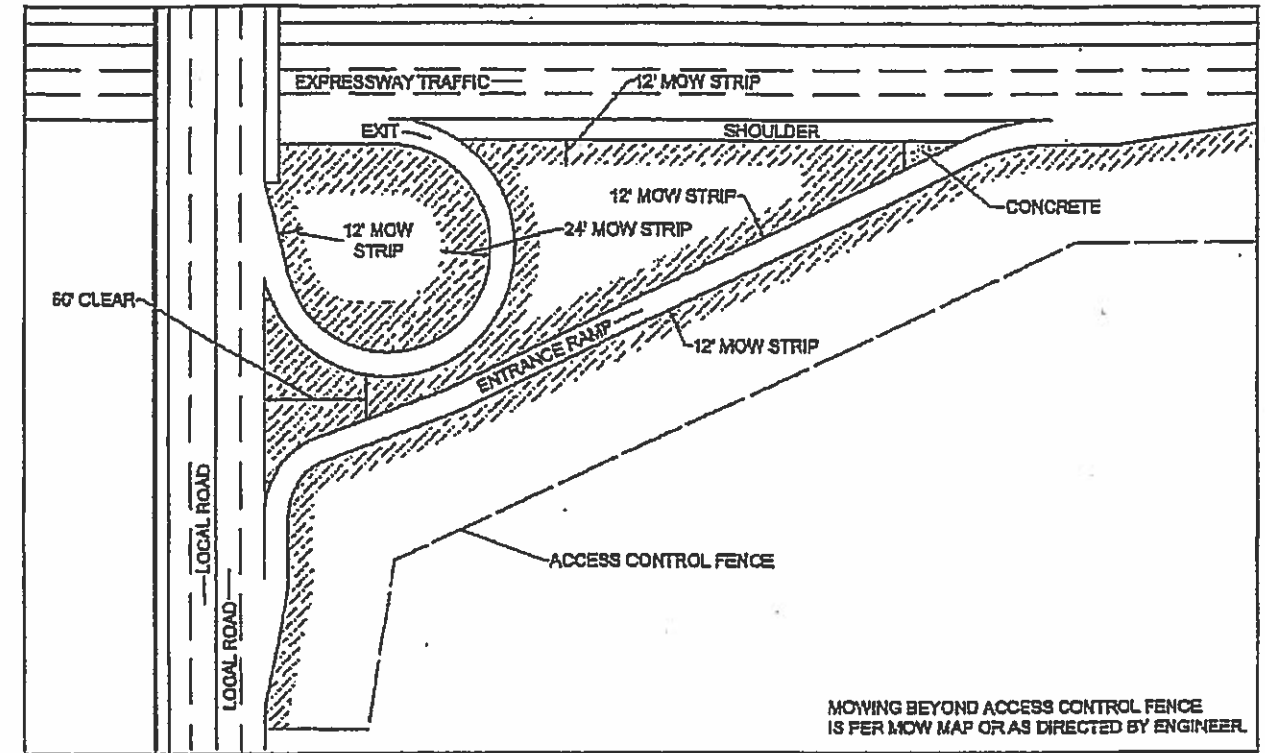
TRIMMING DETAIL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2016-0881	VARIOUS	9	7

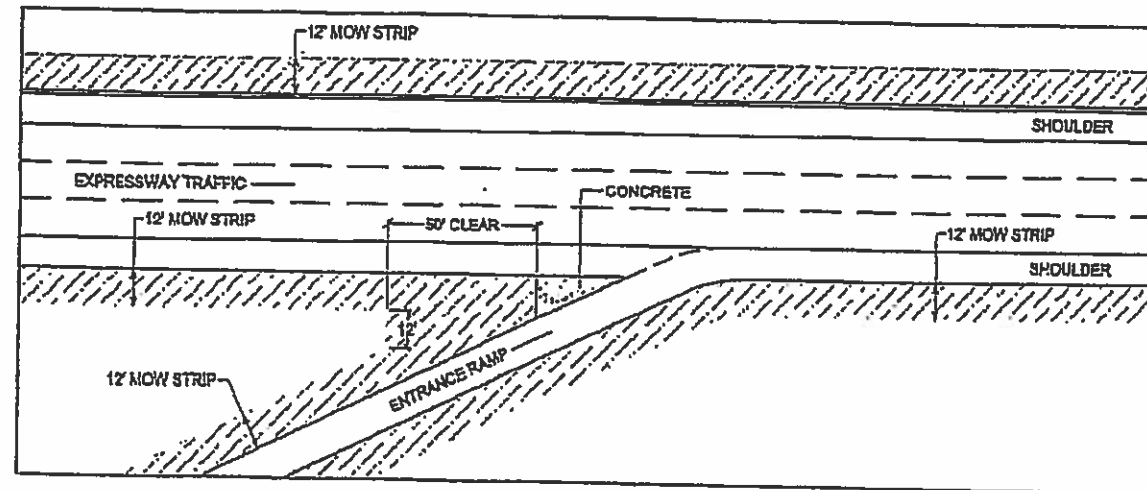
CONTRACT 62D89



Not to Scale  
Mowing Detail #1  
Medians



Not to Scale  
Mowing Detail #2  
Circular Ramp and Local Road



Not to Scale  
Mowing Detail #3  
Straight Merge Ramp

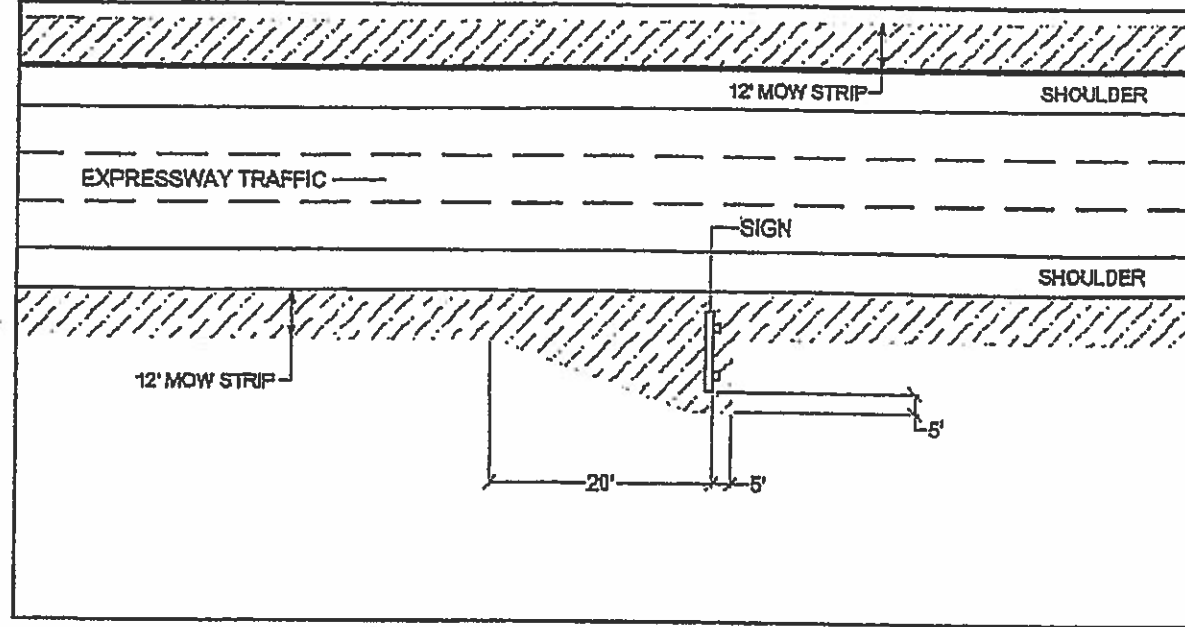
ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING

MOWING DETAILS #1 #2 & #3

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2016-0881	VARIOUS	9	8

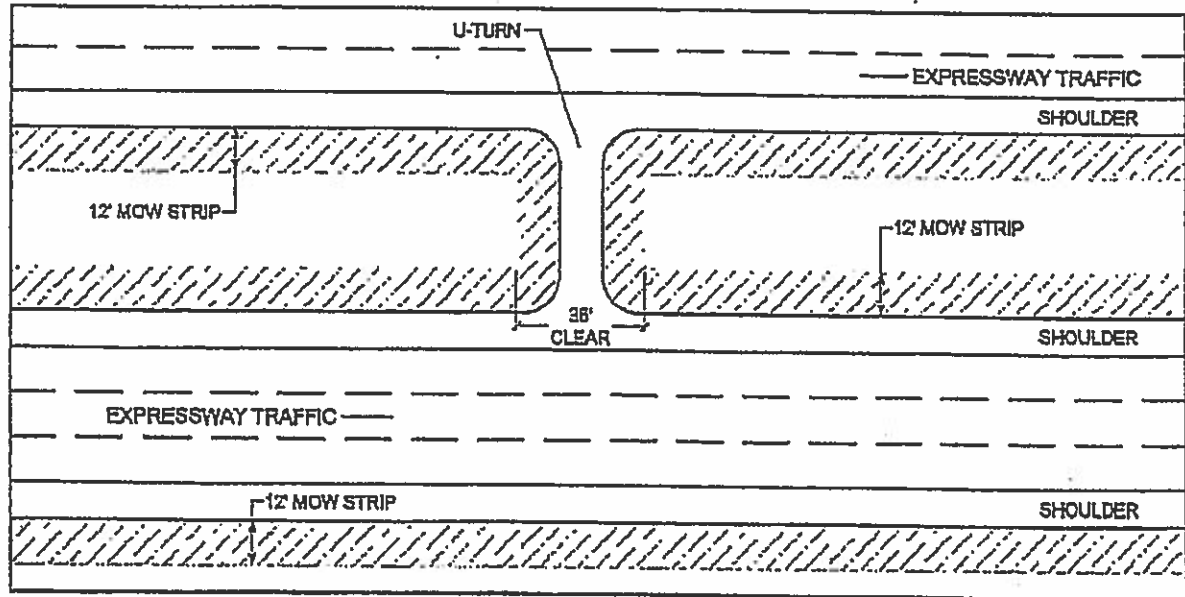
CONTRACT 62D89



Mowing Detail #4

Not to Scale

Roadway Signs



Mowing Detail #5

Not to Scale

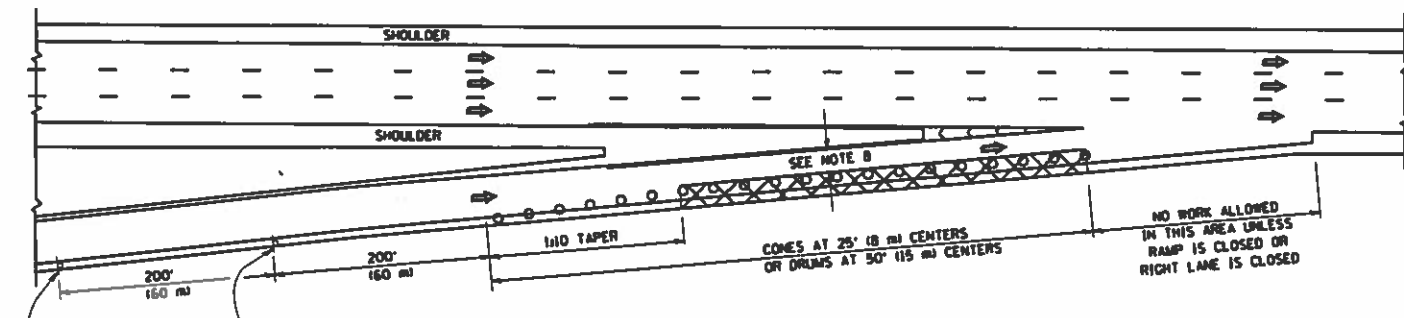
U-Turns

ILLINOIS DEPARTMENT OF TRANSPORTATION  
MOWING  
MOWING DETAILS #4 & #5

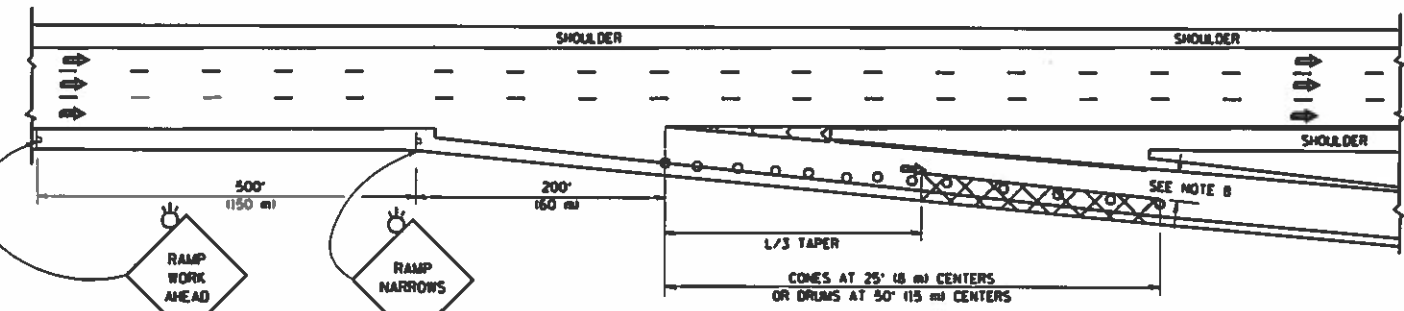


**PARTIAL RAMP CLOSURE DETAILS**

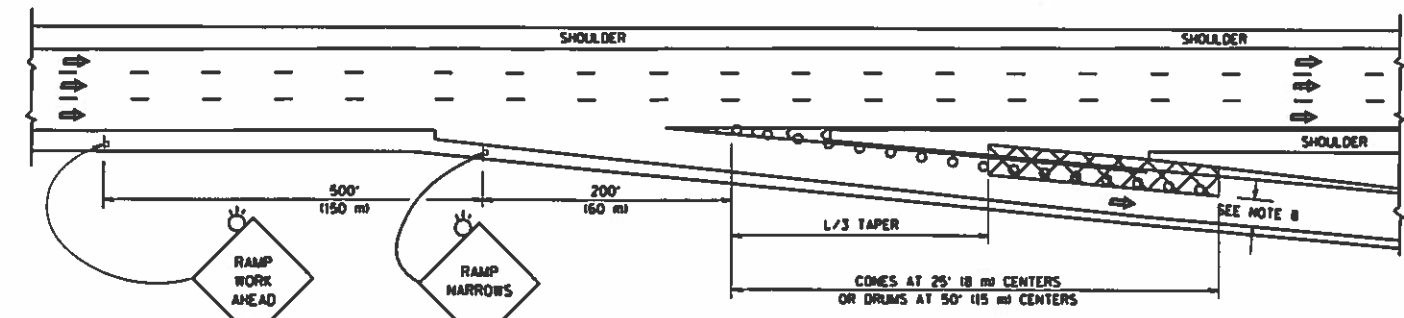
**SHOULDER CLOSURE DETAILS**



**TYPICAL ENTRANCE RAMP**



**TYPICAL EXIT RAMP**



**TYPICAL EXIT RAMP**

**SYMBOLS**

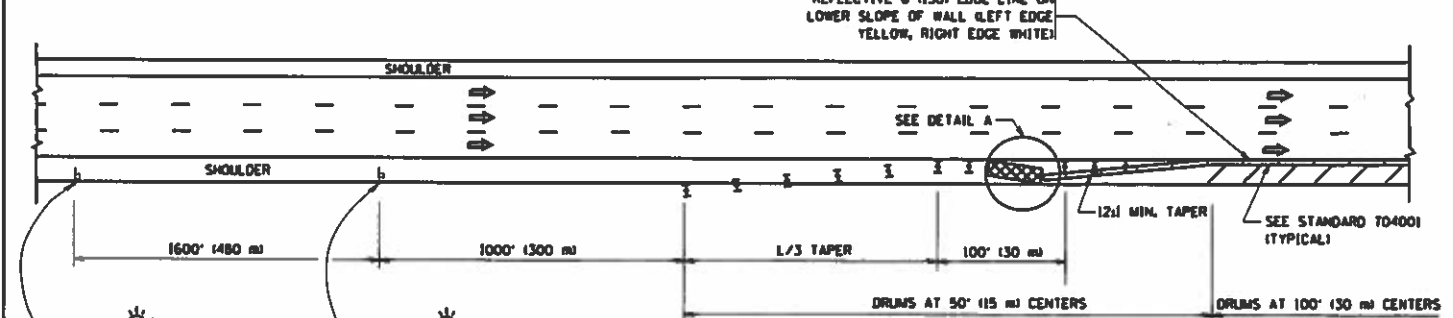
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

**GENERAL NOTES**

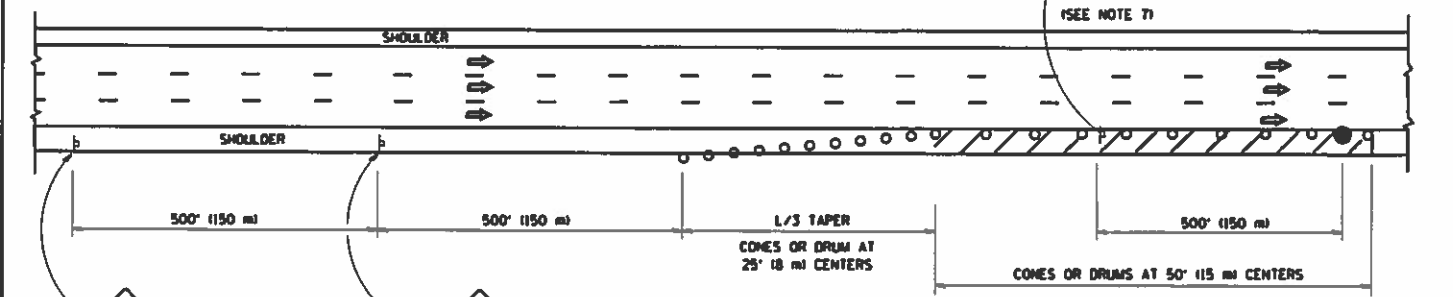
1. THE "L" DISTANCE EQUALS:
 

SPEED LIMIT	FORMULAS
45 mph (80 km/h) OR GREATER	METRIC: $L = 0.65(W/S)$ ENGLISH: $L = 1(W/S)$

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.

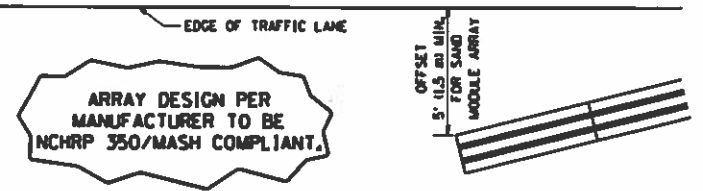


**PERMANENT SHOULDER CLOSURE**



**DAYTIME SHOULDER CLOSURE**

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

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 NCHRP 350/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 ENCRUCHMENT 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: c:\pwworksp\p2010\1054\10180310\1017.dwg	USER NAME: lryno	DESIGNED: -	REVISED: - J.A.F. 12-06	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES		F.A. RTE.:	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN: - D.W.S.	REVISED: - S.P.B. 01-07		SCALE: NONE	SHEET NO. 1	OF 1	TC-17	VALE	9	9
		CHECKED: -	REVISED: - S.P.B. 12-09								
		DATE: - 11-96	REVISED: - M.D. 06-13								
					TO STA.		FED. ROAD DIST. NO. 1 (ILLINOIS) FED. AID PROJECT				