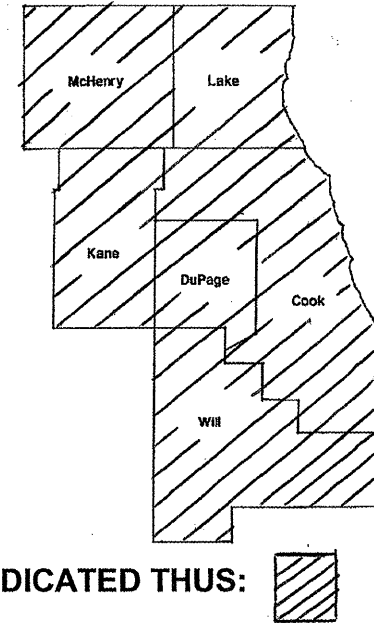


ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	1

CONTRACT 60N14
D-91-249-11

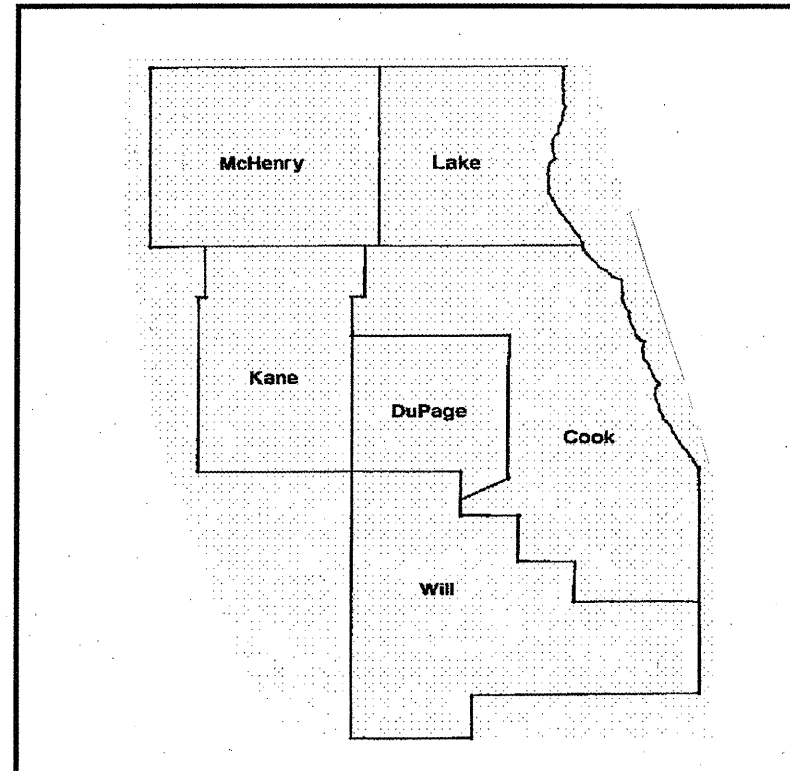
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT ONE
PROPOSED HIGHWAY PLANS

ROUTE: VARIOUS
SECTION 2010-138-I
MOWING
VARIOUS COUNTIES
C-91-249-11



LOCATION OF IMPROVEMENT INDICATED THUS: 

**IMPROVEMENT IS IN VARIOUS
LOCATIONS WITHIN DISTRICT
ONE**



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED: NOVEMBER 17, 2010
Diane M. O'Keefe
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
January 28 2011
Scott E. Stitt P.E.
acting ENGINEER OF DESIGN AND ENVIRONMENT
January 28 2011
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

J.U.L.I.E.: JOINT UTILITY LOCATION
INFORMATION FOR EXCAVATION
(800) 892-0123 OR 811

DISTRICT ONE BUREAU OF MAINTENANCE: J. STUMPNER
MAINTENANCE LANDSCAPE DESIGNER: R. WANNER / T. JACKSON (847) 705-4171

CONTRACT 60N14

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	2

CONTRACT 60N14

INDEX OF SHEETS

- 1) COVER SHEET
- 2) INDEX OF SHEETS
- 3) SUMMARY OF QUANTITIES, STATE STANDARDS
- 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

ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING

INDEX OF SHEETS

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	3

CONTRACT 60N14

SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	CONTRACT MAINT FUND	100% STATE URBAN
				TOTAL 0044
25000750	MOWING	ACRE	2000	2000
67100100	MOBILIZATION	L SUM	1	1
X2503100	MOWING	UNIT	200	200
X2503110	MOWING(SPECIAL)	ACRE	900	900

STATE STANDARDS

701101-02 701311-03

701426-04 701901-01

ILLINOIS DEPARTMENT OF TRANSPORTATION


MOWING

SUMMARY OF QUANTITIES
STATE STANDARDS

Rev.

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	4

CONTRACT 60N14

 Illinois Department of Transportation	Contract Number: _____
	Mowing Work Order Number: _____
	Route: _____

<input type="checkbox"/> Standard 30-day completion	<input type="checkbox"/> Priority 7-day completion	<input type="checkbox"/> Priority 24-hour completion
---	--	--

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 Quantity	Priority Multiplier	Work Order Quantity
Mowing	_____ acres		_____ acres
Mowing Special	_____ acres		_____ acres
Mowing	_____ units (1 unit = 1,000 SF)		_____ units (1 unit = 1,000 SF)

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

Resident Engineer/Technician Signature _____ Date/Time _____

Contractor Signature (to acknowledge receipt) _____ Date/Time _____

CERTIFICATION OF COMPLETION

Contractor Signature _____ Date/Time _____

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/Time

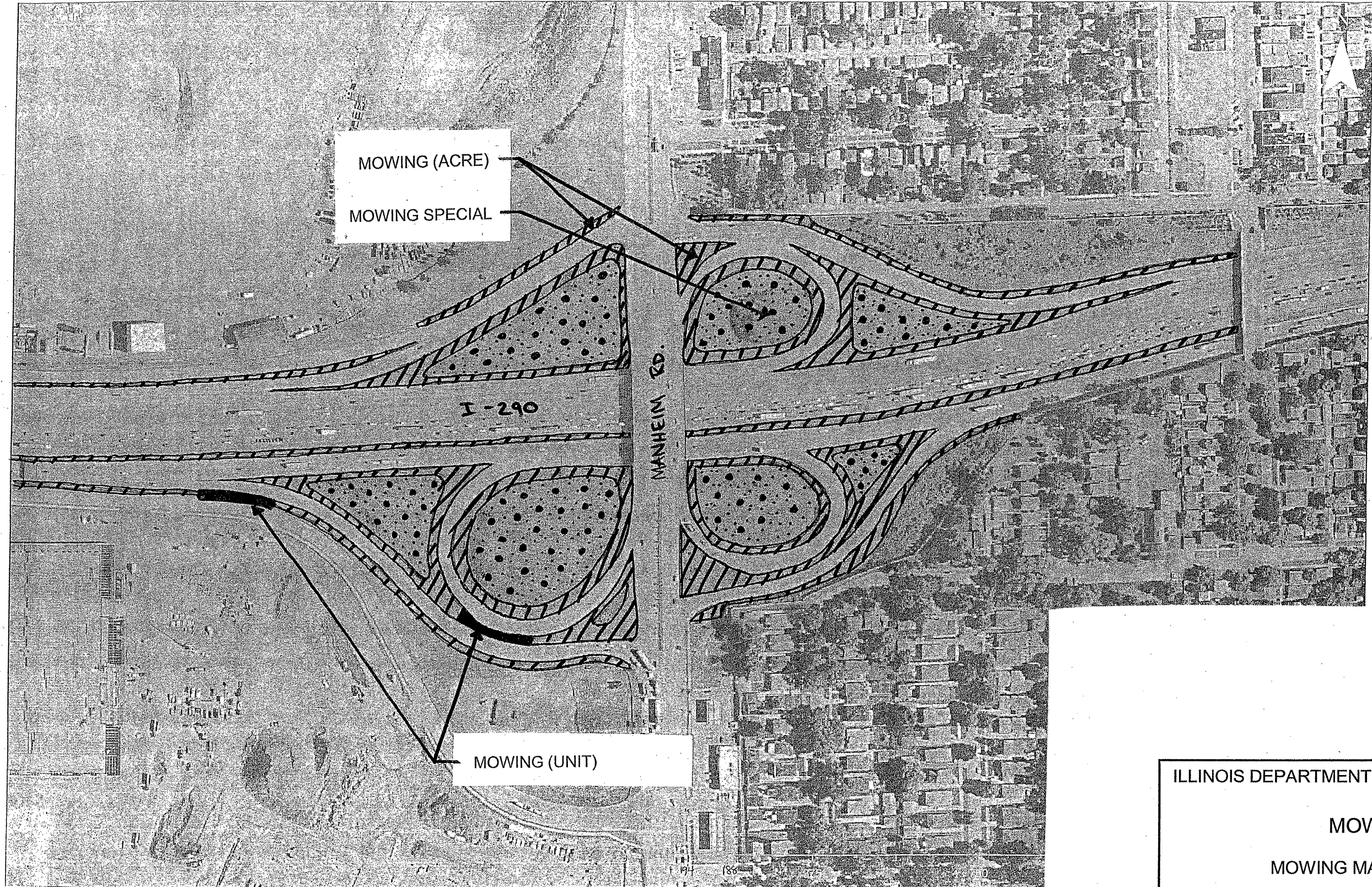
ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING

SAMPLE WORK ORDER

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	5

CONTRACT 60N14



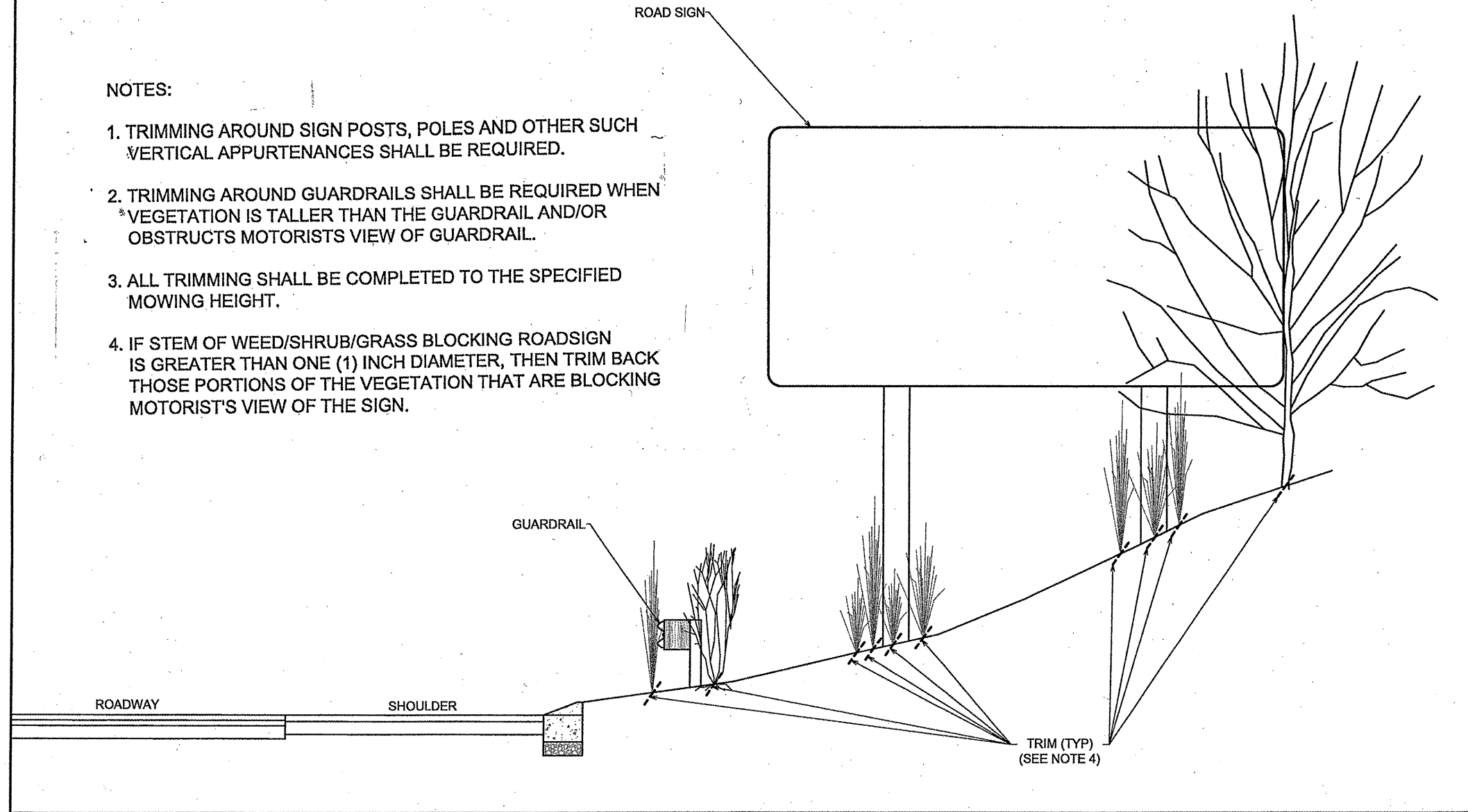
ILLINOIS DEPARTMENT OF TRANSPORTATION
MOWING
MOWING MAP TYPICAL

ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	6

CONTRACT 60N14

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 MOTORISTS VIEW OF GUARDRAIL.
3. ALL TRIMMING SHALL BE COMPLETED TO THE SPECIFIED MOWING HEIGHT.
4. IF STEM OF WEED/SHRUB/GRASS BLOCKING ROADSIGN IS GREATER THAN ONE (1) INCH DIAMETER, THEN TRIM BACK THOSE PORTIONS OF THE VEGETATION THAT ARE BLOCKING MOTORIST'S VIEW OF THE SIGN.

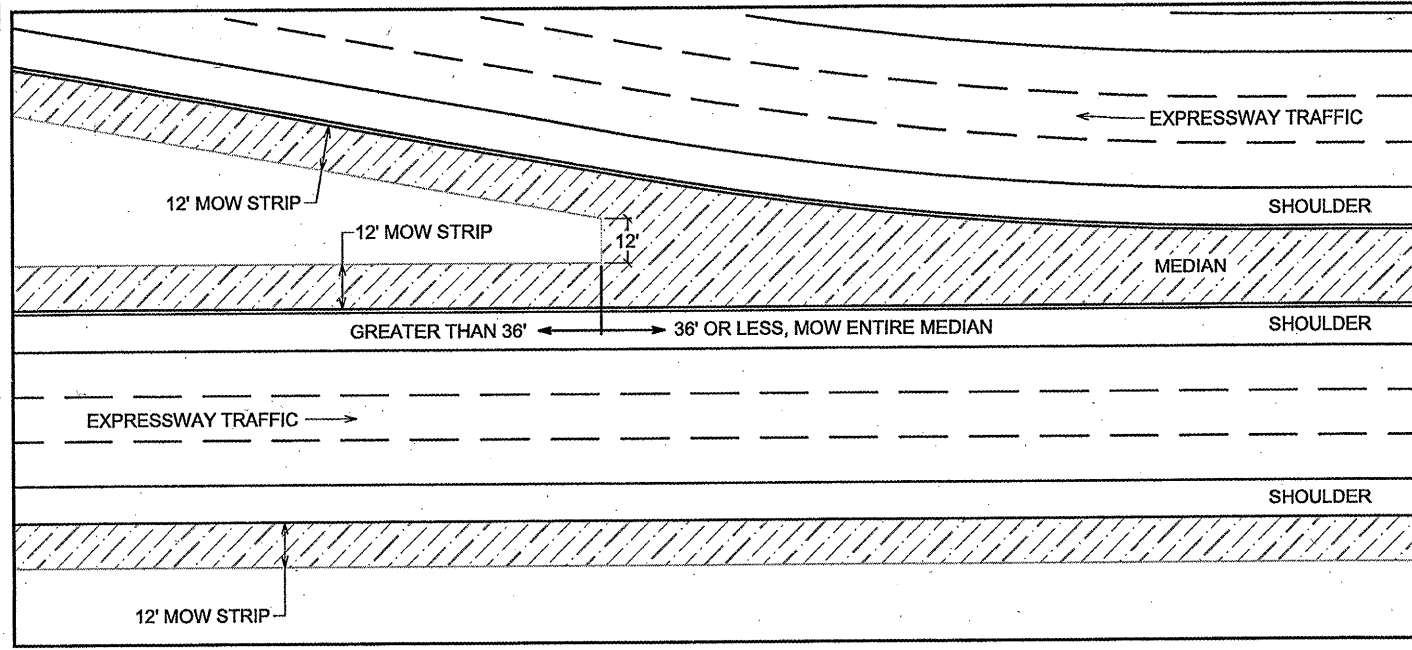


ILLINOIS DEPARTMENT OF TRANSPORTATION

MOWING
TRIMMING DETAIL

ROUTE VARIOUS	SECTION 2010-138 I	COUNTY VARIOUS	TOTAL SHEETS 9	SHEET NUMBER 7
------------------	-----------------------	-------------------	----------------------	----------------------

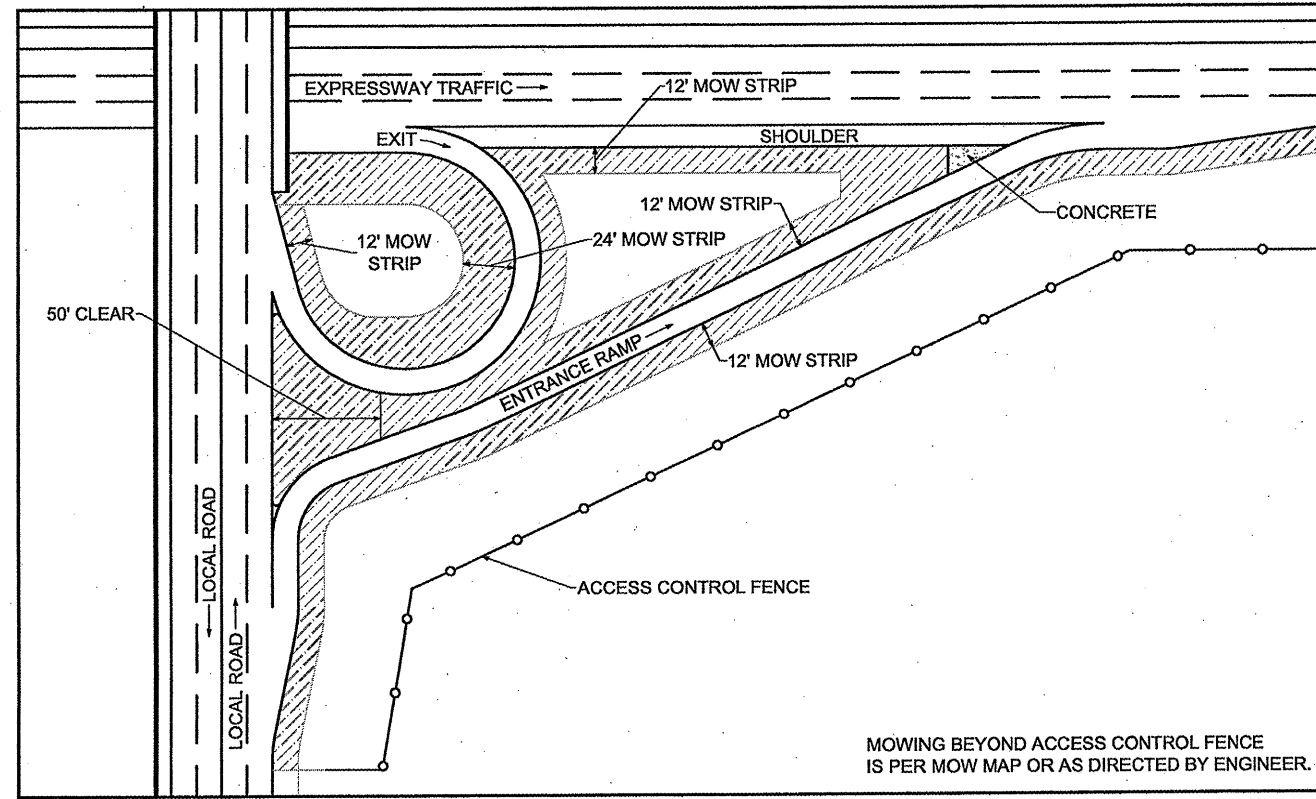
CONTRACT 60N14



Mowing Detail #1

Not to Scale

Medians

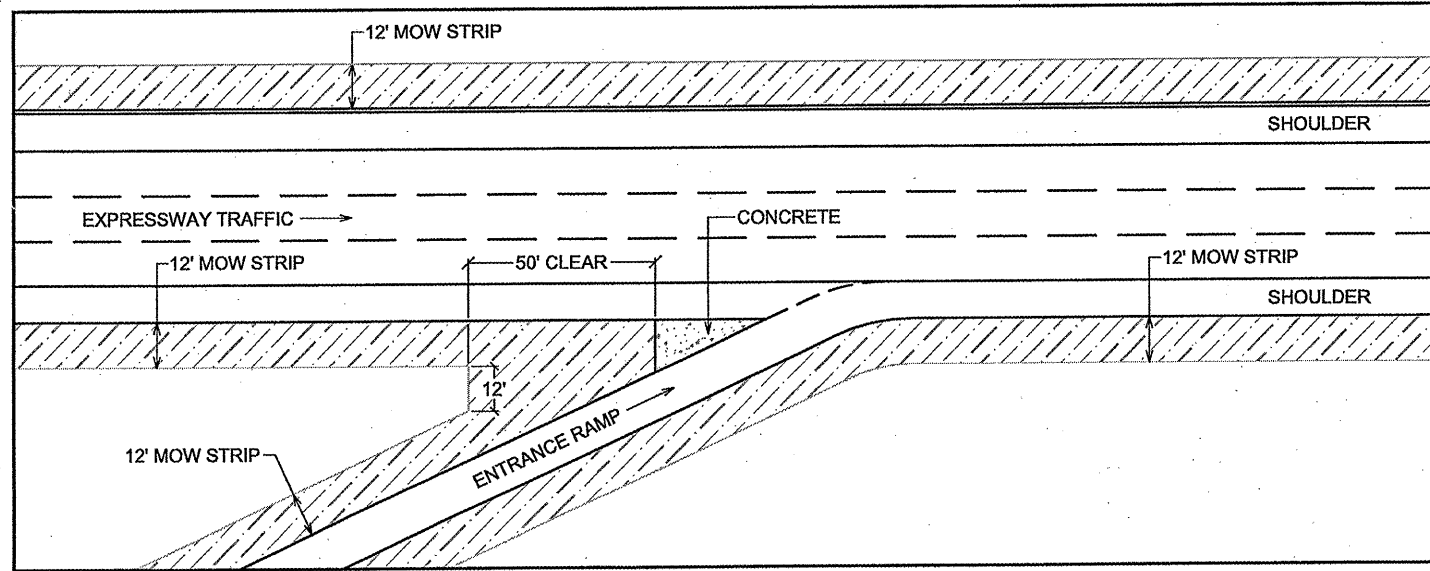


Mowing Detail #2

Not to Scale

Circular Ramp and Local Road

MOWING BEYOND ACCESS CONTROL FENCE IS PER MOW MAP OR AS DIRECTED BY ENGINEER.



Mowing Detail #3

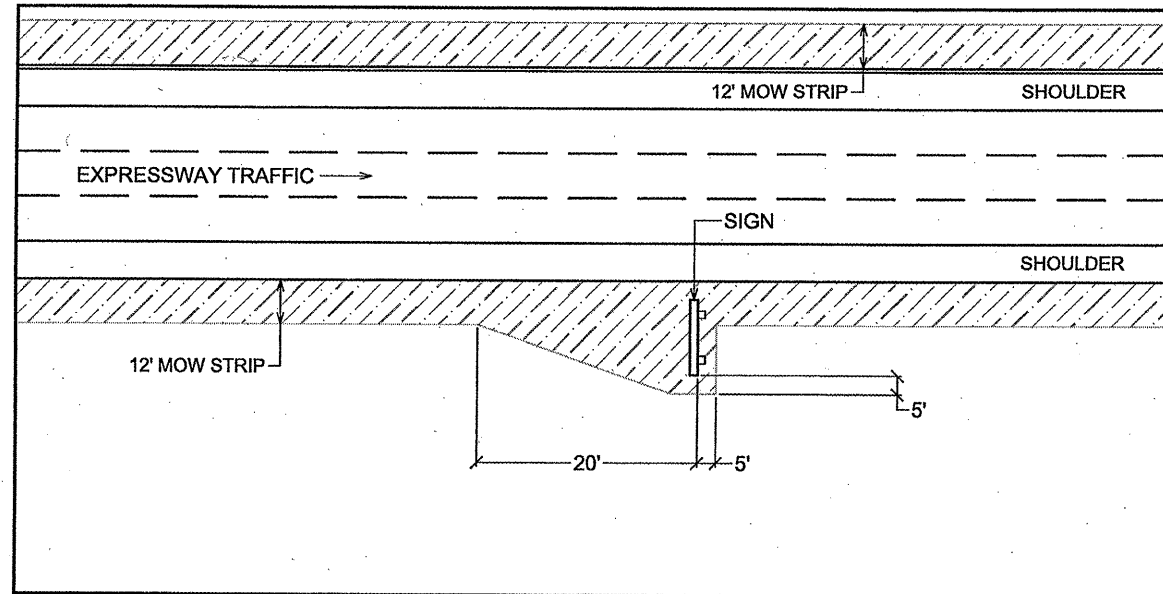
Not to Scale

Straight Merge Ramp

ILLINOIS DEPARTMENT OF TRANSPORTATION
MOWING
MOWING DETAILS #1 #2 & #3

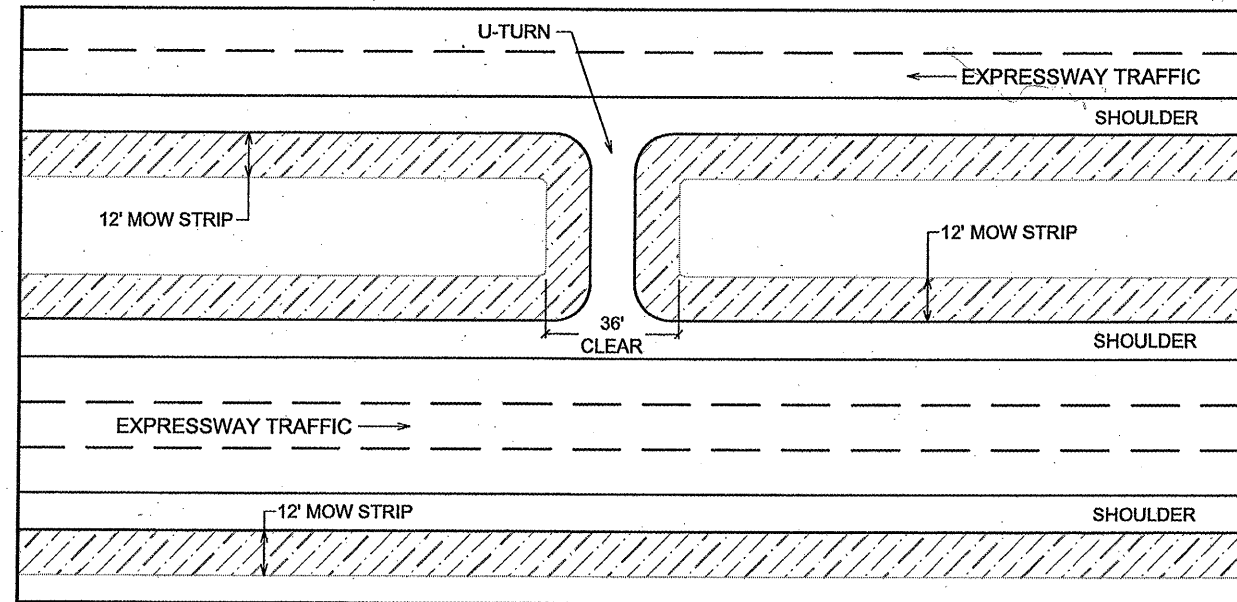
ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NUMBER
VARIOUS	2010-138 I	VARIOUS	9	8

CONTRACT 60N14



Mowing Detail #4
Roadway Signs

Not to Scale



Mowing Detail #5
U-Turns

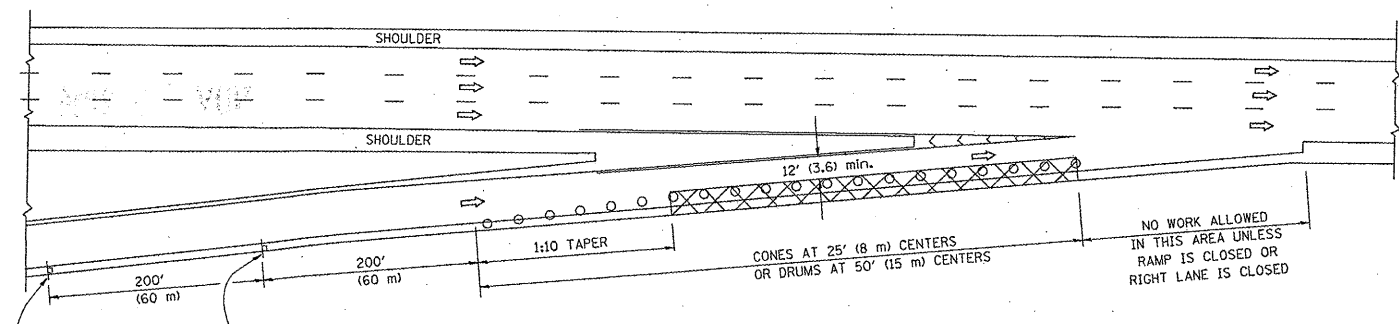
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ILLINOIS DEPARTMENT OF TRANSPORTATION

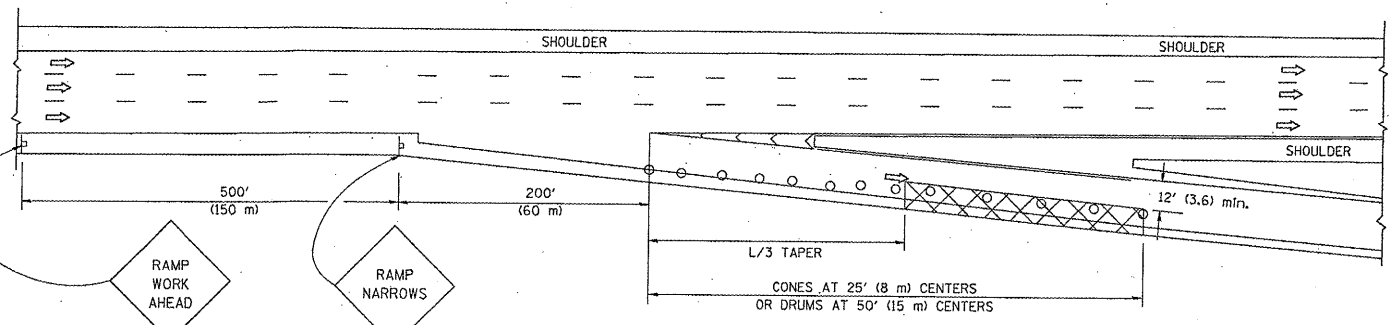
MOWING

MOWING DETAILS #4 & #5

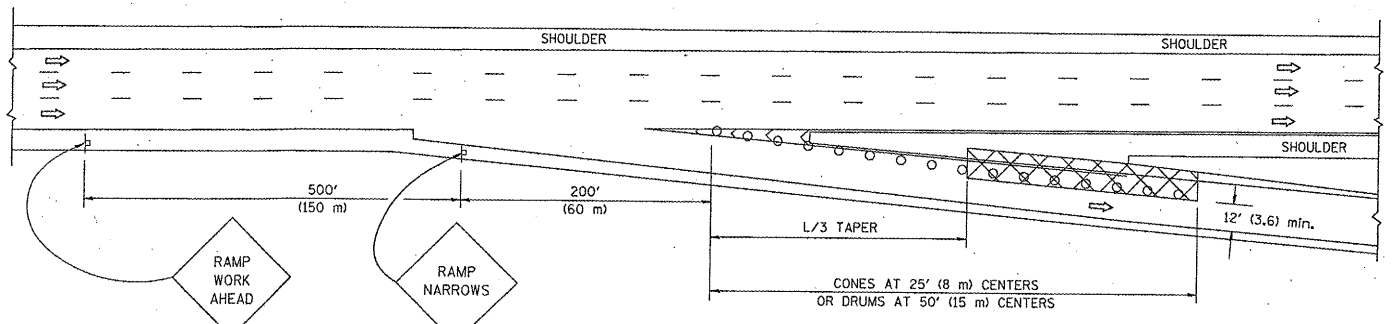
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

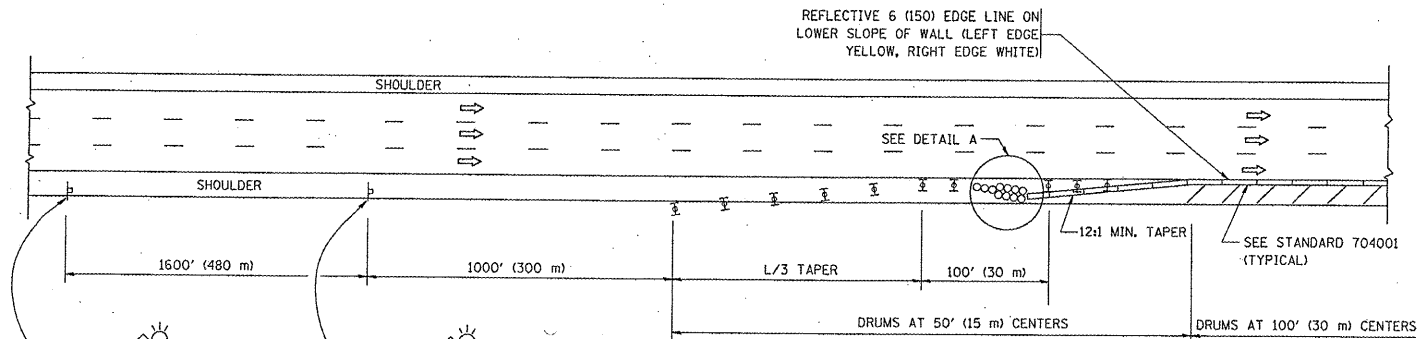
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- CONE, DRUM OR BARRICADE

GENERAL NOTES

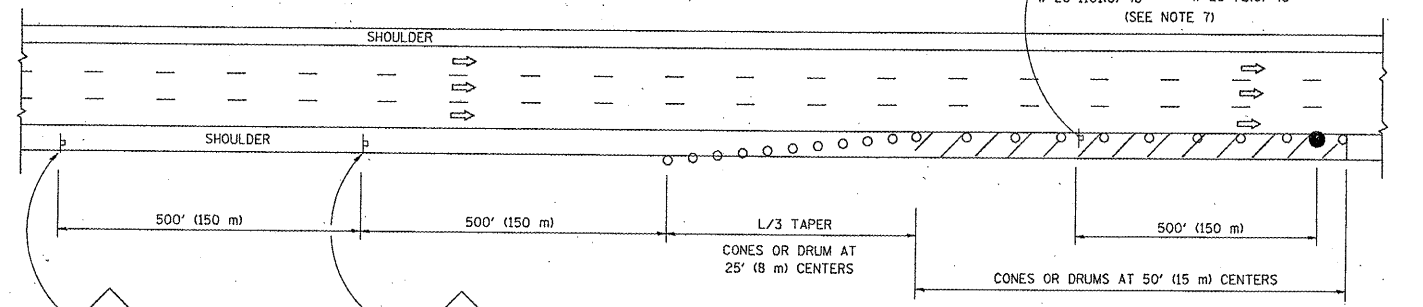
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h) 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 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.

SHOULDER CLOSURE DETAILS



PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350 COMPLIANT.

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

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

FILE NAME = W:\diststd\22x34\1017.dgn	USER NAME = lgyss	DESIGNED -	REVISED - 04-03
		DRAWN - D.W.S.	REVISED - J.A.F. 12-06
		CHECKED -	REVISED - S.P.B. 01-07
		DATE - 11-96	REVISED - S.P.B. 12-09

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. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2010-138-I	VAR.	9	9
	TC-17	CONTRACT NO.	60014	
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				