

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

|           |           |         |                    |           |
|-----------|-----------|---------|--------------------|-----------|
| F.A. RTE. | SECTION   | COUNTY  | TOTAL SHEETS       | SHEET NO. |
|           | 2017-0591 | VARIOUS | 9                  | 1         |
| ILLINOIS  |           |         | CONTRACT NO. 62F96 |           |

FOR INDEX OF SHEETS, SEE SHEET NO. 2

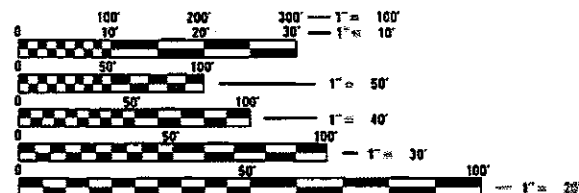
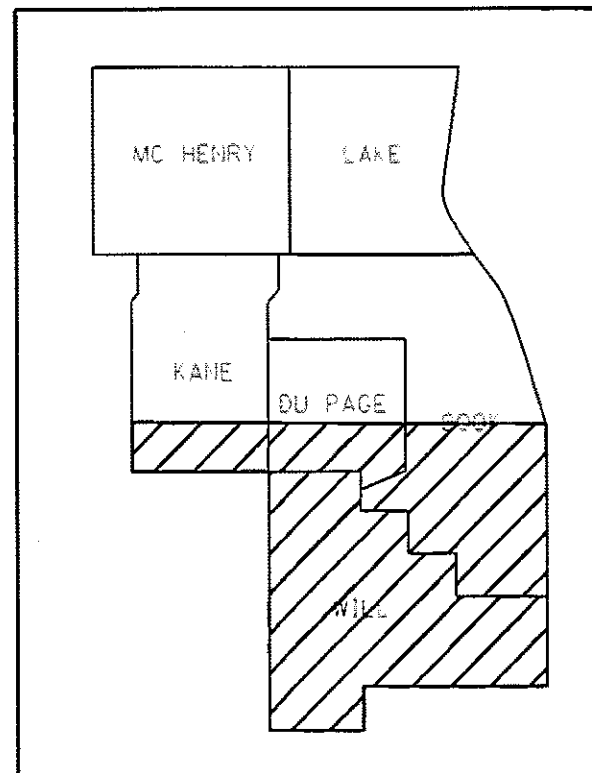
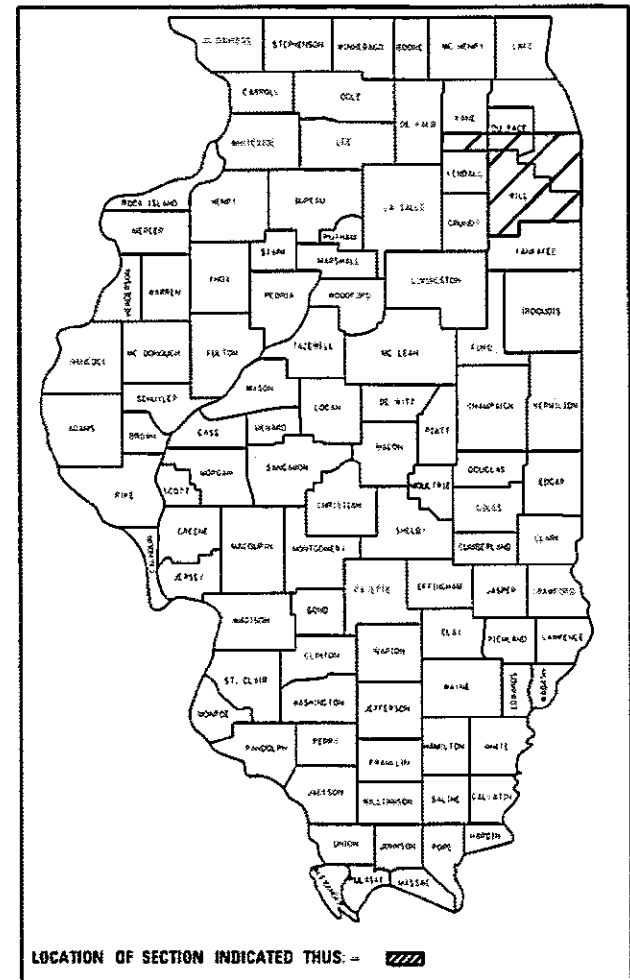
**PROPOSED  
HIGHWAY PLANS**

ROUTE: VARIOUS  
SECTION: 2017-0591  
MOWING AT VARIOUS EXPRESSWAYS SOUTH  
VARIOUS COUNTIES

C-91-098-18

IMPROVEMENTS ARE AT VARIOUS  
LOCATIONS WITHIN DISTRICT ONE

D-91-234-18



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. 62F96

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED ADVANCE 9/20/17

*Anthony A. Dringley* / CAS  
Feb 2 2018 REGIONAL ENGINEER

*Paul P. [Signature]*  
Feb 2 2018 ENGINEER OF DESIGN AND ENVIRONMENT

*Paul P. [Signature]*  
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

| ROUTE   | SECTION   | COUNTY  | TOTAL SHEETS | SHEET NUMBER |
|---------|-----------|---------|--------------|--------------|
| VARIOUS | 2017-059I | VARIOUS | 9            | 2            |

CONTRACT 62F96

**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

701901-07

|                                       |
|---------------------------------------|
| ILLINOIS DEPARTMENT OF TRANSPORTATION |
| MOWING                                |
| INDEX OF SHEETS<br>STATE STANDARDS    |

| SUMMARY OF QUANTITIES |              |       | URBAN            | CONSTRUCTION TYPE CODE |  |  |  |  |  |  |
|-----------------------|--------------|-------|------------------|------------------------|--|--|--|--|--|--|
| CODE NO               | ITEM         | UNIT  | TOTAL QUANTITIES | 100% STATE             |  |  |  |  |  |  |
| 25000750              | MOWING       | ACRE  | 820              | 820                    |  |  |  |  |  |  |
| 67100100              | MOBILIZATION | L SUM | 1                | 1                      |  |  |  |  |  |  |
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| SUMMARY OF QUANTITIES |      |      | CONSTRUCTION TYPE CODE |  |  |  |  |  |  |
|-----------------------|------|------|------------------------|--|--|--|--|--|--|
| CODE NO               | ITEM | UNIT | TOTAL QUANTITIES       |  |  |  |  |  |  |
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|-----------|-----------|----------|---------|---|---|---|---|---|---|
| FILE NAME | USER NAME | DESIGNED | REVISED | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | MOWING VARIOUS EXPRESSWAYS SOUTH<br>SUMMARY OF QUANTITIES | SCALE: _____ SHEET NO. _____ OF _____ SHEETS STA. _____ TO STA. _____ | F.A. RTE. _____ SECTION _____ COUNTY _____ TOTAL SHEETS _____ SHEET NO. _____ | YAB. _____ 2017-0591 VARIOUS 9 3 CONTRACT NO. 62E96 | FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT |
|           |           | CHECKED  | REVISED |   |   |   |   |   |   |
|           |           | DATE     | REVISED |   |   |   |   |   |   |
|           |           |          |         |   |   |   |   |   |   |

|                         |                             |                          |                          |                          |
|-------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|
| <b>ROUTE</b><br>VARIOUS | <b>SECTION</b><br>2017-059I | <b>COUNTY</b><br>VARIOUS | <b>TOTAL SHEETS</b><br>9 | <b>SHEET NUMBER</b><br>4 |
|-------------------------|-----------------------------|--------------------------|--------------------------|--------------------------|

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

CONTRACT 62F96

**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<br>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

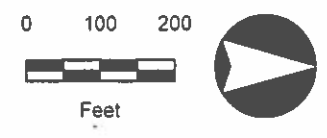
SAMPLE WORK ORDER

|         |           |         |              |              |
|---------|-----------|---------|--------------|--------------|
| ROUTE   | SECTION   | COUNTY  | TOTAL SHEETS | SHEET NUMBER |
| VARIOUS | 2017-059I | VARIOUS | 9            | 5            |

CONTRACT 62F96



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
LANDSCAPE MAINTENANCE



|     |   |                   |                     |   |
|-----|---|-------------------|---------------------|---|
| DZM | <b>STRUCTURES</b>   | <b>STRUCTURES</b> | <b>WEED CONTROL</b> | <b>MOWING</b>   |
|     | <ul style="list-style-type: none"> <li>— Guardrail</li> <li>— Noise Abatement Wall</li> <li>— Concrete Barrier Wall</li> <li>— Other Wall</li> <li>— Fence</li> </ul> |                   |                     | <ul style="list-style-type: none"> <li>⊗ Mowing (Acre)</li> </ul> |

Map Prepared by:  
Team Section:  
Route:  
Panel Number:

Contract #:  
Work Order #:  
Sheet #:

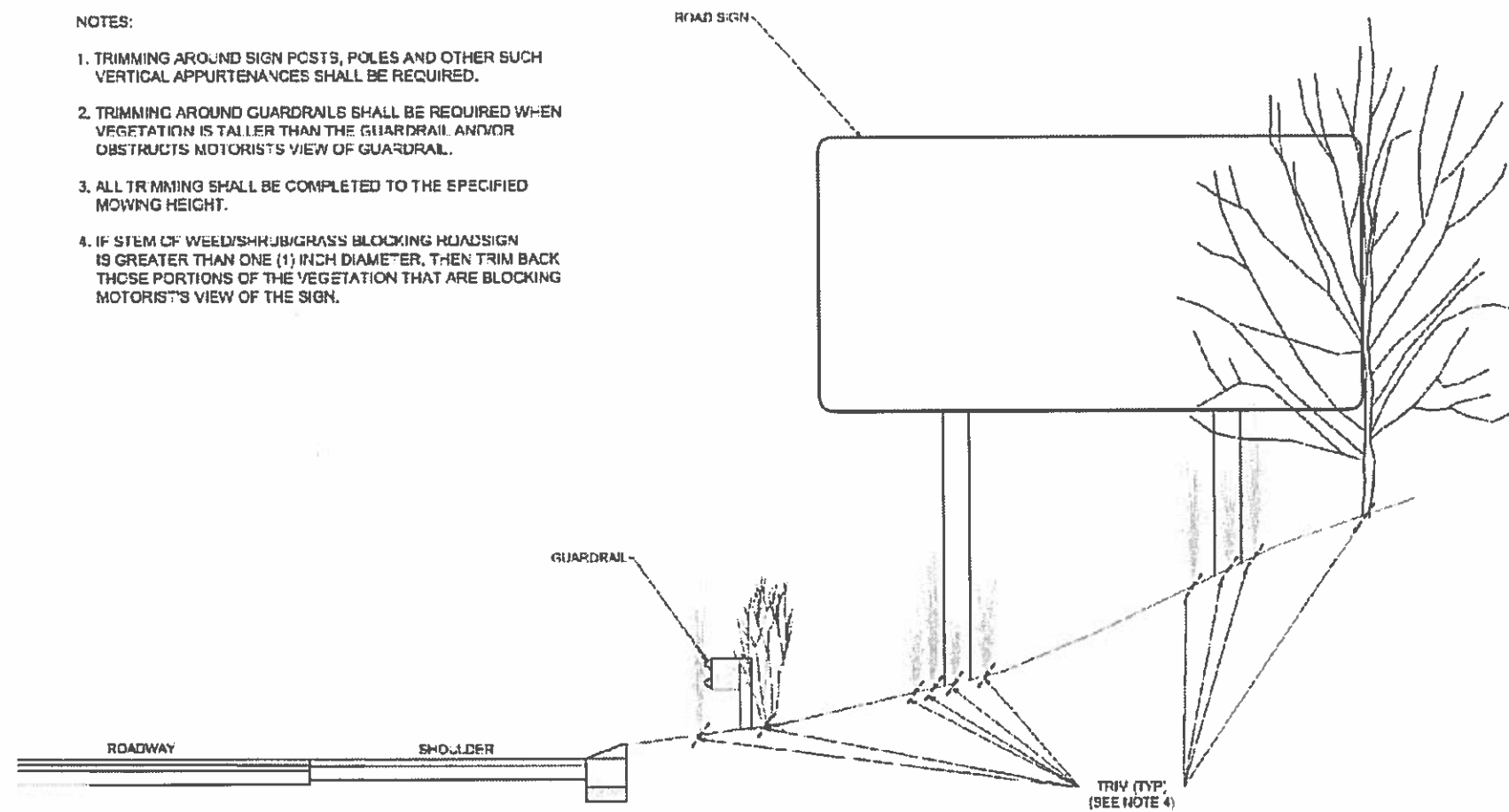
ILLINOIS DEPARTMENT OF TRANSPORTATION  
  
MOWING  
  
MOWING MAP TYPICAL

| ROUTE   | SECTION   | COUNTY  | TOTAL SHEETS | SHEET NUMBER |
|---------|-----------|---------|--------------|--------------|
| VARIOUS | 2017-0591 | VARIOUS | 9            | 6            |

CONTRACT 62F96

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 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.

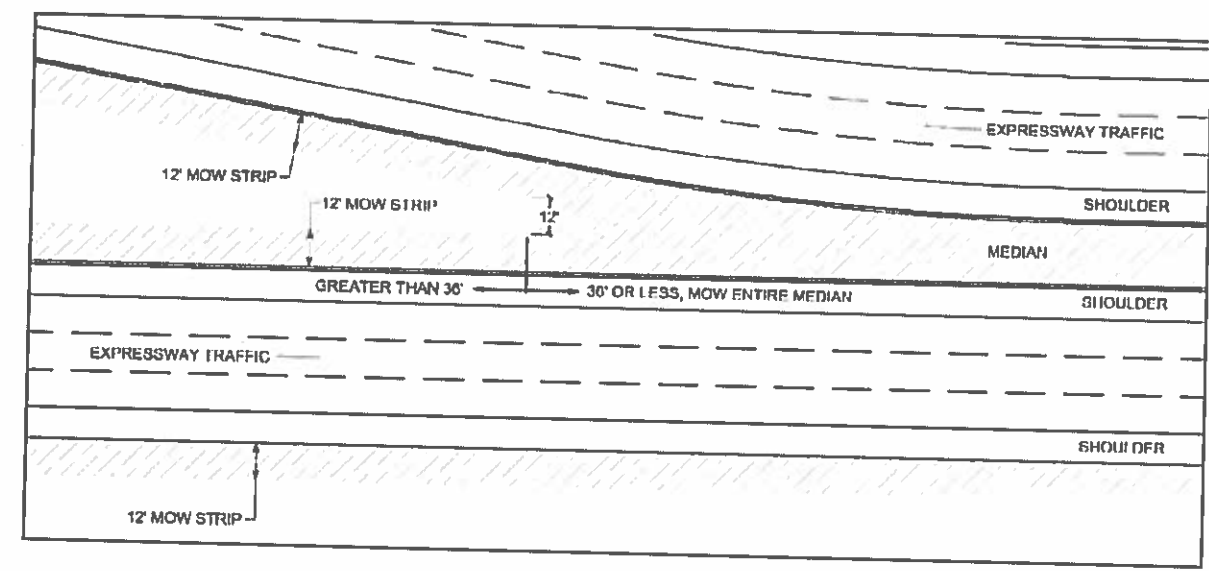


ILLINOIS DEPARTMENT OF TRANSPORTATION

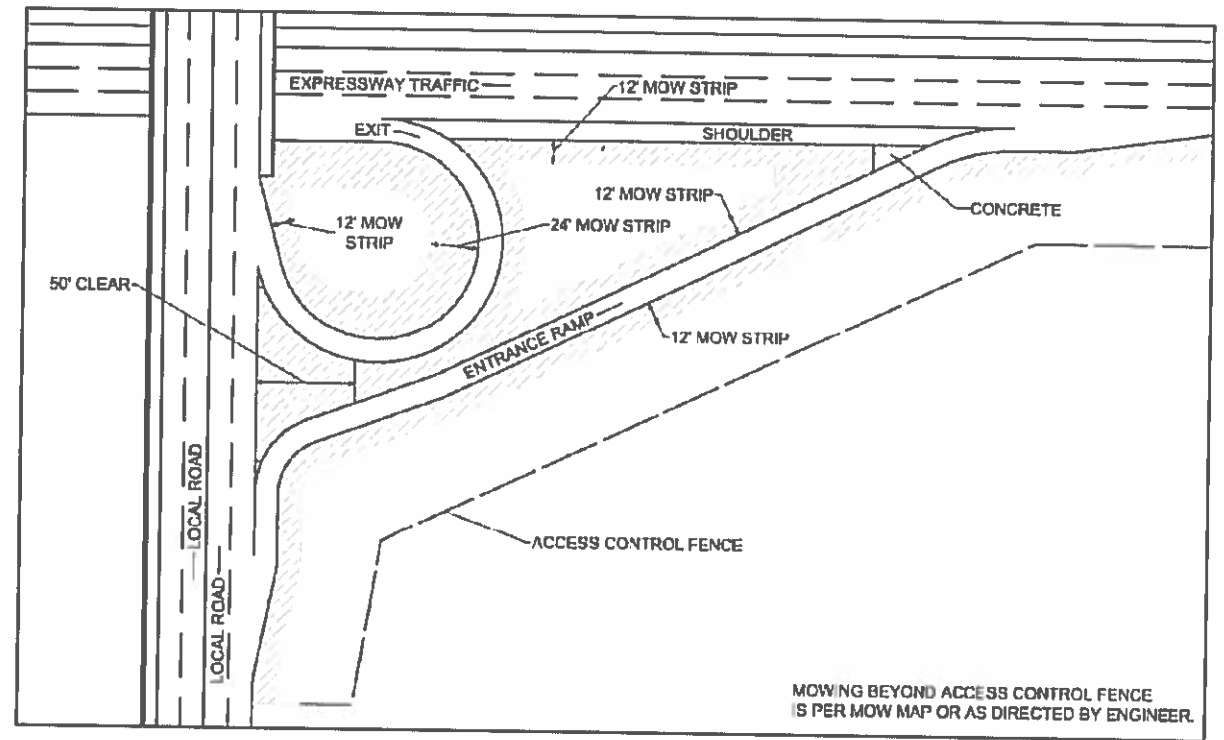
MOWING  
TRIMMING DETAIL

|                  |                      |                   |                      |                      |
|------------------|----------------------|-------------------|----------------------|----------------------|
| ROUTE<br>VARIOUS | SECTION<br>2017-059I | COUNTY<br>VARIOUS | TOTAL<br>SHEETS<br>9 | SHEET<br>NUMBER<br>7 |
|------------------|----------------------|-------------------|----------------------|----------------------|

CONTRACT 62F96

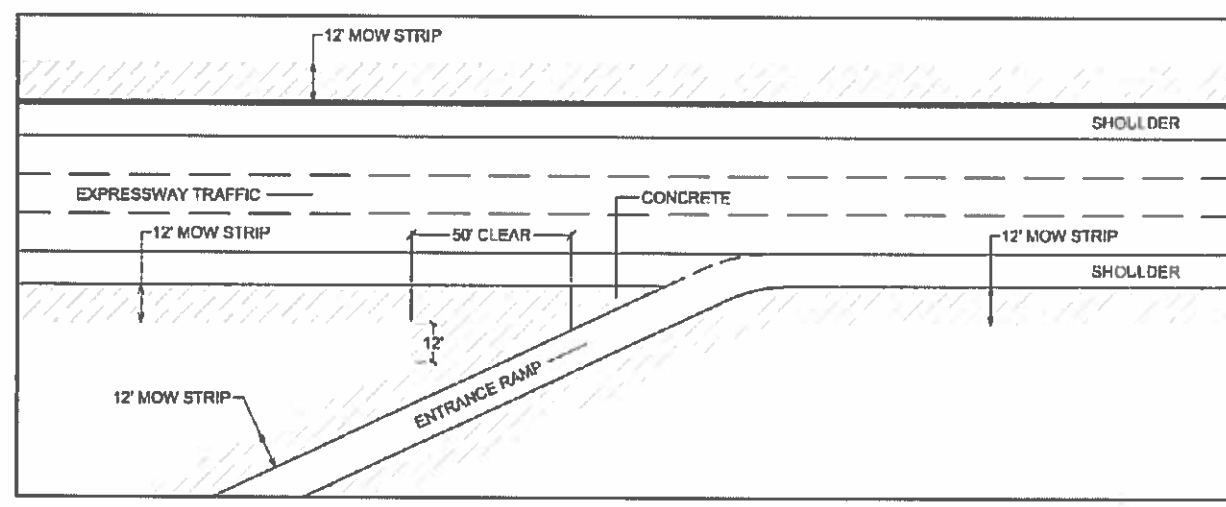


Not to Scale Mowing Detail #1  
Medians



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

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

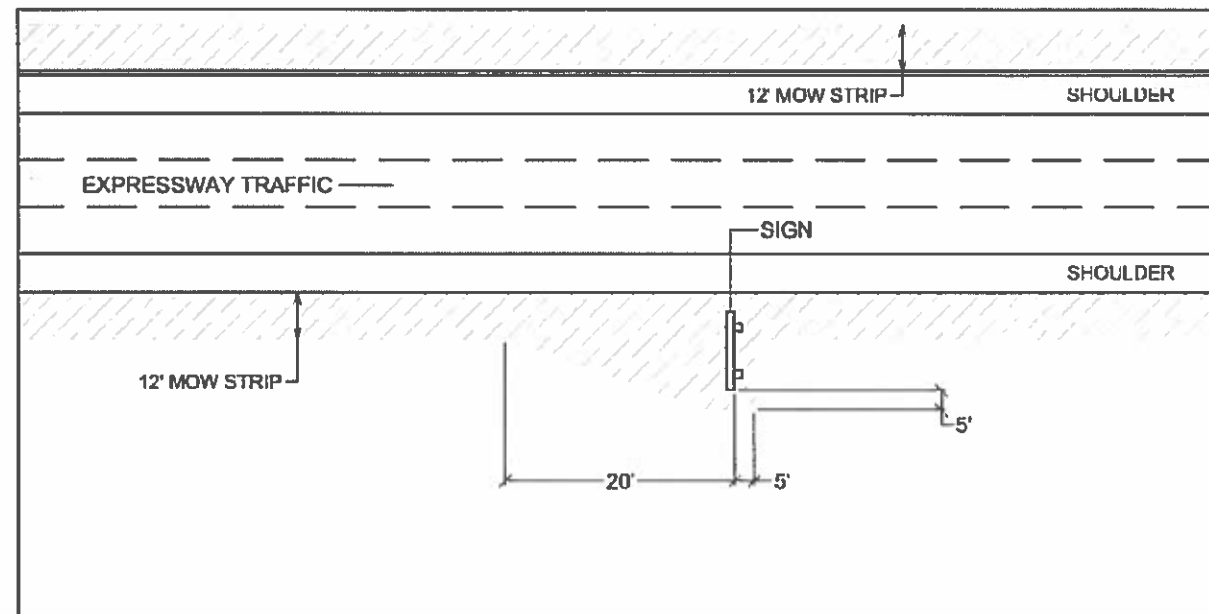


Not to Scale Mowing Detail #3  
Straight Merge Ramp

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

| ROUTE   | SECTION   | COUNTY  | TOTAL SHEETS | SHEET NUMBER |
|---------|-----------|---------|--------------|--------------|
| VARIOUS | 2017-059I | VARIOUS | 9            | 8            |

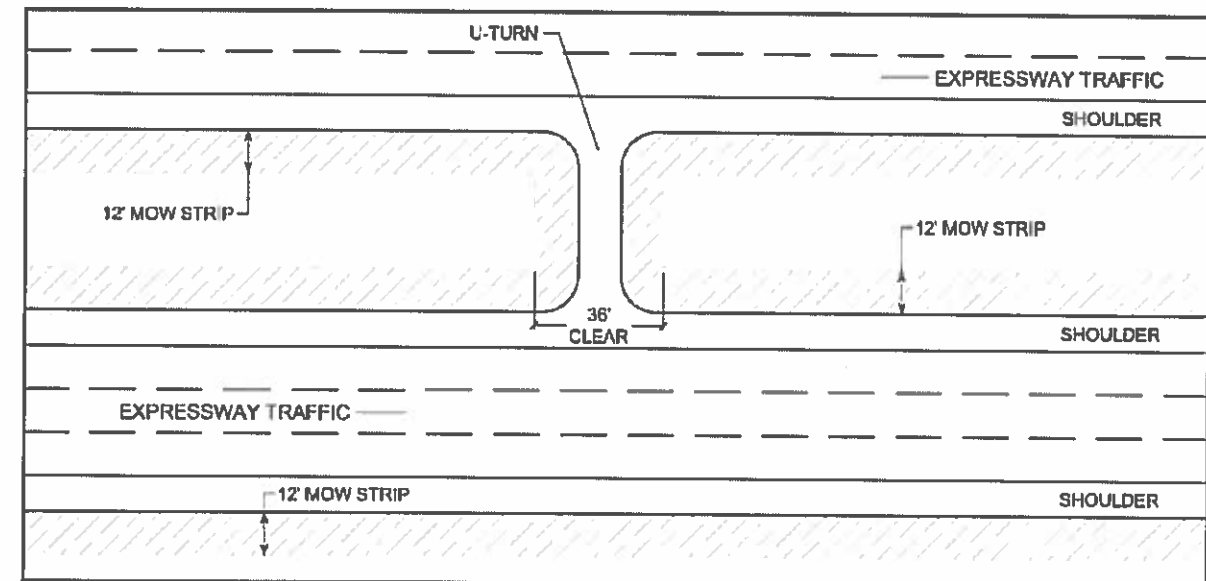
CONTRACT 62F96



**Mowing Detail #4**

Not to Scale

Roadway Signs



**Mowing Detail #5**

Not to Scale

U-Turns

ILLINOIS DEPARTMENT OF TRANSPORTATION

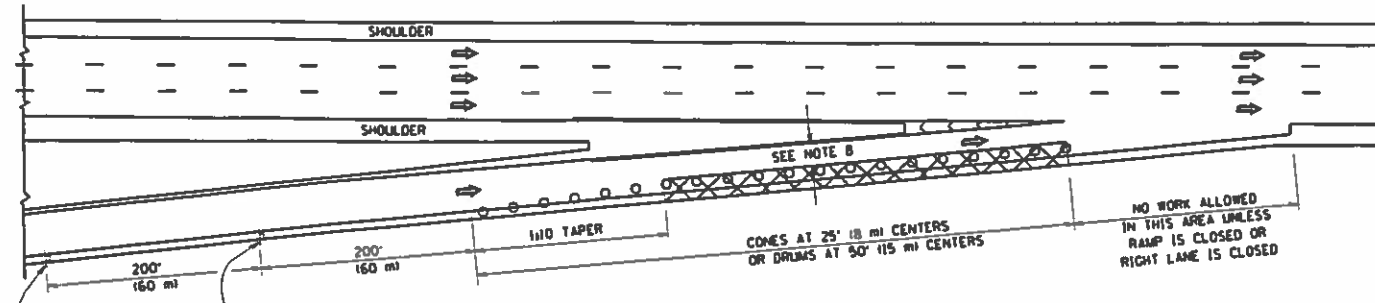
MOWING

MOWING DETAILS #4 & #5

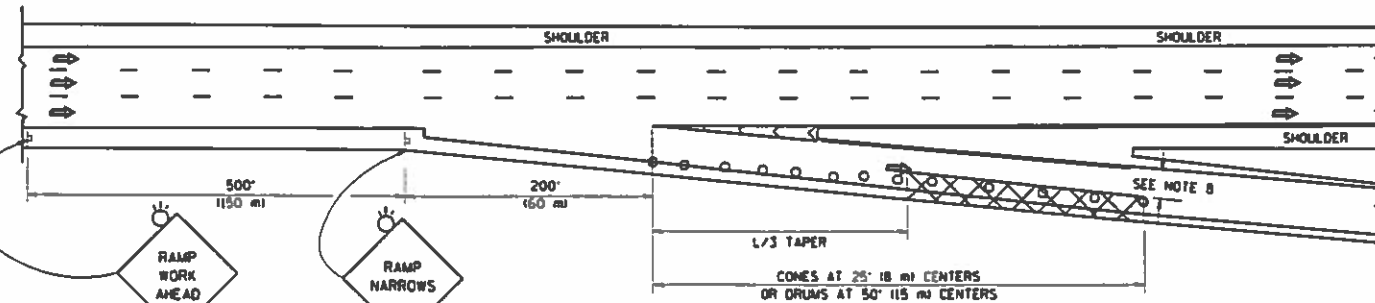


**PARTIAL RAMP CLOSURE DETAILS**

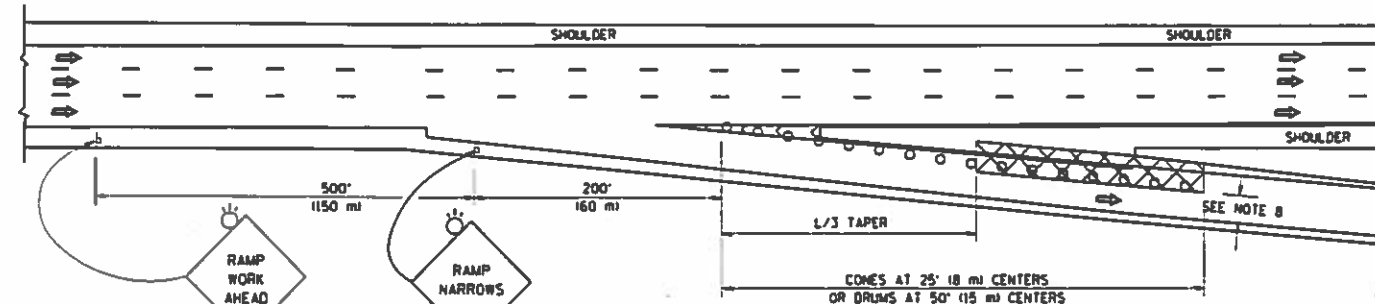
**SHOULDER CLOSURE DETAILS**



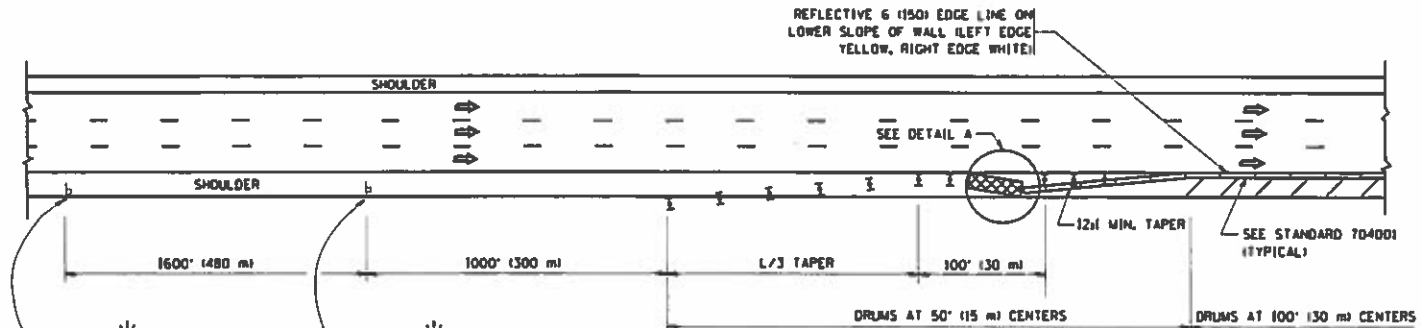
**TYPICAL ENTRANCE RAMP**



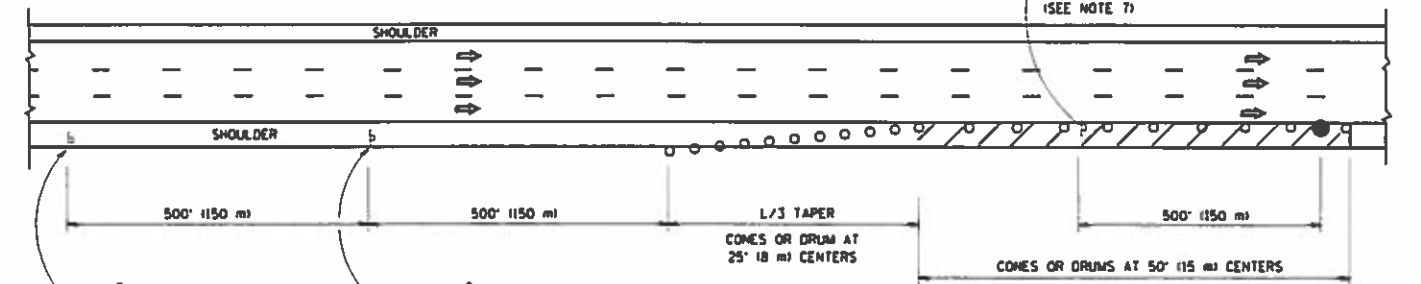
**TYPICAL EXIT RAMP**



**TYPICAL EXIT RAMP**



**PERMANENT SHOULDER CLOSURE**



**DAYTIME SHOULDER CLOSURE**

**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:  

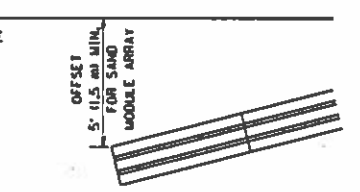
| SPEED LIMIT                 | FORMULAS  |
|-----------------------------|---|
| 45 mph (80 km/h) OR GREATER | METRIC: $L = 0.65(W)(S)$<br>ENGLISH: $L = W(S)$ |

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/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.

ARRAY DESIGN PER MANUFACTURER TO BE NCHRP 350/MASH COMPLIANT.

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



THIS DETAIL IS USED WHERE:  
1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCRACH (IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES).

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

|   |                      |                        |                       |   |  |                         |                        |   |                    |                |             |  |
|---|----------------------|------------------------|-----------------------|---|--|-------------------------|------------------------|---|--------------------|----------------|-------------|--|
| FILE NAME: c:\p\work\p\dot\l\ysa\0108315\c017.dwg | USER NAME: l\ysa     | DESIGNED: J.A.F. 12-06 | REVISED: J.A.F. 12-06 | STATE OF ILLINOIS<br>DEPARTMENT OF TRANSPORTATION | TRAFFIC CONTROL DETAILS FOR FREEWAY<br>SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES |                         | F.A. RTE. VAR 207-059E | SECTION TC-17                                   | COUNTY VAR         | TOTAL SHEETS 9 | SHEET NO. 9 |  |
| PLOT SCALE: 1/8"=1'-0"                            | PLOT DATE: 4/17/2014 | DRAWN: D.W.S.          | REVISED: S.P.B. 01-07 |   | SCALE: NONE  | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.           | FED. ROAD DIST. NO. 1 ILLINOISIFIED AID PROJECT | CONTRACT NO. 62796 |                |             |  |
|   |                      | CHECKED:               | REVISED: S.P.B. 12-09 |   |  |                         |                        |   |                    |                |             |  |
|   |                      | DATE: 11-96            | REVISED: M.D. 06-13   |   |  |                         |                        |   |                    |                |             |  |