

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

| F.A.I. RTE. | SECTION              | COUNTY   | TOTAL SHEETS       | SHEET NO. |
|-------------|----------------------|----------|--------------------|-----------|
| 24/57       | D9 WEED SPRAY 2019-1 | JOHNSON  | 7                  | 1         |
|             |                      | ILLINOIS | CONTRACT NO. 78665 |           |

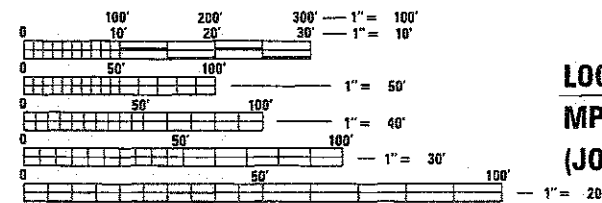
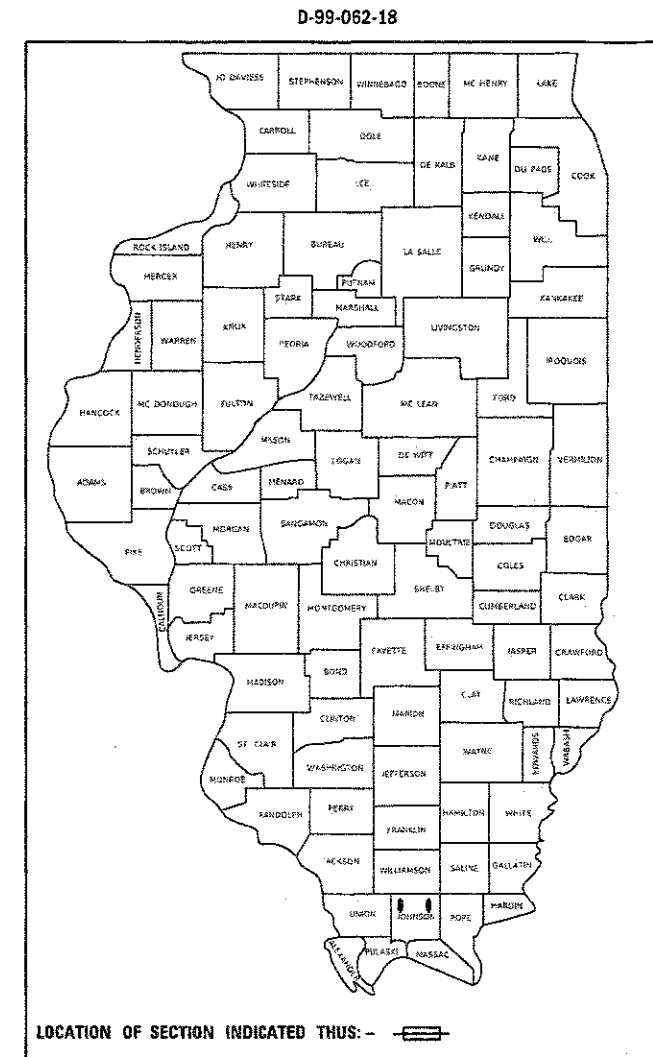
FOR INDEX OF SHEETS, SEE SHEET NO. 3

**PROPOSED  
HIGHWAY PLANS**

FAI ROUTE 24/57  
SECTION D9 WEED SPRAY 2019-1

WEED SPRAY  
JOHNSON COUNTY

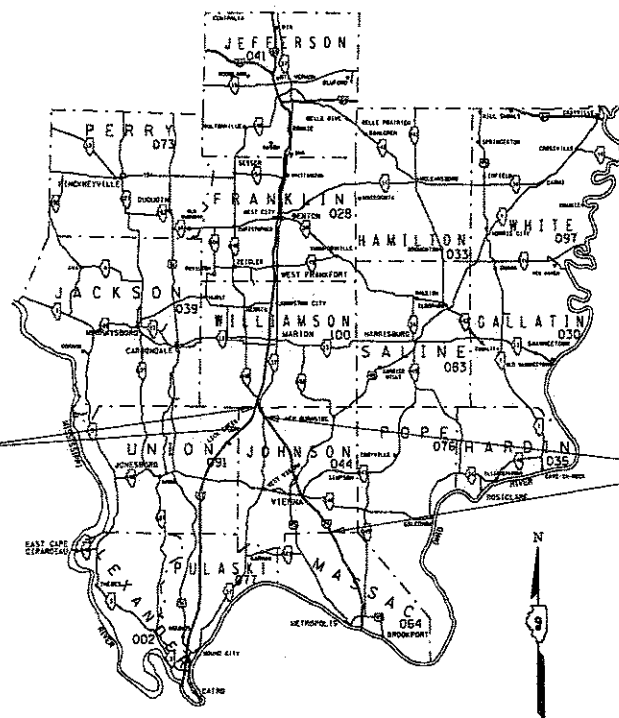
C-99-096-18



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

LOCATION 2: I-57 FROM  
MP 39 NORTH TO MP 43.3  
(JOHNSON/WILLIAMSON COUNTY LINE)



LOCATION 1: I-24 FROM  
MP 1.6 SOUTH TO MP 23.6  
(JOHNSON/MASSAC COUNTY LINE)

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 16 2018  
Jeffery A. Keim  
REGIONAL ENGINEER

June 29 2018  
Scott A. Etkin  
ENGINEER OF DESIGN AND ENVIRONMENT

June 29 2018  
Daniel P. Chaffin  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PROJECT ENGINEER LISA PRITCHETT  
PROJECT MANAGER CHARLES STEIN

CONTRACT NO. 78665

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

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|                              |                  |                 |
|------------------------------|------------------|-----------------|
| USER NAME = PRITCHETTLL      | DESIGNED - _____ | REVISED - _____ |
| DRAWN - _____                | CHECKED - _____  | REVISED - _____ |
| PLOT SCALE = 100.0000' / in. | DATE - _____     | REVISED - _____ |
| PLOT DATE = 5/10/2018        |                  |                 |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

Prepared By: \_\_\_\_\_  
DISTRICT STUDIES & PLANS ENGINEER

Examined By: *Nancy Tai*  
DISTRICT LAND ACQUISITION ENGINEER

Examined By: *Con Nels*  
DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: *Bill Nels*  
DISTRICT OPERATIONS ENGINEER

Examined By: *KARL*  
DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: *Dan J. Helwig*  
DISTRICT CONSTRUCTION ENGINEER

Examined By: *[Signature]*  
DISTRICT MATERIALS ENGINEER

**SIGNATURE SHEET**

SCALE: \_\_\_\_\_ SHEET \_\_\_\_ OF \_\_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_

| F.A.I. RTE.               | SECTION              | COUNTY  | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------------------|---------|--------------|-----------|
| 24/57                     | D9 WEED SPRAY 2019-1 | JOHNSON | 7            | 2         |
| CONTRACT NO. 78665        |                      |         |              |           |
| ILLINOIS FED. AID PROJECT |                      |         |              |           |

# INDEX OF SHEETS

| SHEET NO | DESCRIPTION                        |
|----------|------------------------------------|
| 1        | COVER SHEET                        |
| 2        | SIGNATURE SHEET                    |
| 3        | INDEX OF SHEETS, STANDARDS         |
| 4        | SUMMARY OF QUANTITIES              |
| 5        | SCHEDULES OF QUANTITIES            |
| 6        | SCHEDULE OF ROUTES, SPRAY MIXTURES |
| 7        | LOCATION MAP                       |

## STANDARDS

- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
- 701426-09 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS  $\geq$  45 MPH
- 701428-01 TRAFFIC CONTROL SETUP AND REMOVAL FREEWAY/EXPRESSWAY
- 701901-07 TRAFFIC CONTROL DEVICES

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| USER NAME = PRITCHETLL<br>PLOT SCALE = 100.0000' / in.<br>PLOT DATE = 5/18/2018 | DESIGNED -<br>DRAWN -<br>CHECKED -<br>DATE - | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>INDEX OF SHEETS<br/>STANDARDS</b> | <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>F.A.I. RTE.</th> <th>SECTION</th> <th>COUNTY</th> <th>TOTAL SHEETS</th> <th>SHEET NO.</th> </tr> <tr> <td>24/57</td> <td>D9 WEED SPRAY 2019-1</td> <td>JOHNSON</td> <td>7</td> <td>3</td> </tr> <tr> <td colspan="5" style="text-align: right;">CONTRACT NO. 78665</td> </tr> </table> | F.A.I. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | 24/57 | D9 WEED SPRAY 2019-1 | JOHNSON | 7 | 3 | CONTRACT NO. 78665 |  |  |  |  |
|---|--|--|---|--------------------------------------|--|-------------|---------|--------|--------------|-----------|-------|----------------------|---------|---|---|--------------------|--|--|--|--|
| F.A.I. RTE.   | SECTION                                      | COUNTY   | TOTAL SHEETS  | SHEET NO.                            |  |             |         |        |              |           |       |                      |         |   |   |                    |  |  |  |  |
| 24/57   | D9 WEED SPRAY 2019-1                         | JOHNSON  | 7   | 3                                    |  |             |         |        |              |           |       |                      |         |   |   |                    |  |  |  |  |
| CONTRACT NO. 78665  |  |  |   |                                      |  |             |         |        |              |           |       |                      |         |   |   |                    |  |  |  |  |
| SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.               |  |  |   | ILLINOIS      FED. AID PROJECT       |  |             |         |        |              |           |       |                      |         |   |   |                    |  |  |  |  |

# SUMMARY OF QUANTITIES

|           |            |
|-----------|------------|
| COUNTY:   | JOHNSON CO |
| ROUTE:    | I-24/I-57  |
| FUNDING:  | 100% STATE |
| LOCATION: | RURAL      |
|           | ROADWAY    |
|           | 0031       |

| CODE NUMBER | ITEM DESCRIPTION     | UNIT   |     |
|-------------|----------------------|--------|-----|
| 67100100    | MOBILIZATION         | L SUM  | 1   |
| X0325681    | NON-IONIC SURFACTANT | GALLON | 57  |
| X0325947    | MILESTONE VM         | GALLON | 34  |
| X2000002    | VASTLAN              | GALLON | 135 |

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|                              |            |           |
|------------------------------|------------|-----------|
| USER NAME = PRITCHETTLL      | DESIGNED - | REVISED - |
|                              | DRAWN -    | REVISED - |
| PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 5/18/2018        | DATE -     | REVISED - |

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

|                           |                      |         |                    |           |
|---------------------------|----------------------|---------|--------------------|-----------|
| F.A.I. RTE.               | SECTION              | COUNTY  | TOTAL SHEETS       | SHEET NO. |
| 24/57                     | D9 WEED SPRAY 2019-1 | JOHNSON | 7                  | 4         |
| ILLINOIS FED. AID PROJECT |                      |         | CONTRACT NO. 78665 |           |

# SCHEDULE OF QUANTITIES

| LOCATION     | MARKED ROUTE | COUNTY  | ESTIMATED ACRES | MILESTONE VM<br>GALLONS | VASTLAN<br>GALLONS | NON-IONIC<br>SURFACTANT<br>GALLONS |
|--------------|--------------|---------|-----------------|-------------------------|--------------------|------------------------------------|
| 1            | FAI 24 EB    | JOHNSON | 329             | 15.5                    | 62                 | 26                                 |
|              | FAI 24 WB    | JOHNSON | 329             | 15.5                    | 62                 | 26                                 |
| 2            | FAI 57 NB    | JOHNSON | 28.75           | 1.5                     | 5.5                | 2.5                                |
|              | FAI 57 SB    | JOHNSON | 28.75           | 1.5                     | 5.5                | 2.5                                |
| <b>TOTAL</b> |              |         |                 | <b>34</b>               | <b>135</b>         | <b>57</b>                          |

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|  |  |  |   |  |                                |                                 |                   |                   |                |
|--|--|--|---|--|--------------------------------|---------------------------------|-------------------|-------------------|----------------|
|  | USER NAME = PRITCHETLL<br>DESIGNED -<br>DRAWN -<br>CHECKED -<br>DATE - | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SCHEDULE OF QUANTITIES</b>                                | F.A.I. RTE.<br>24/57           | SECTION<br>D9 WEED SPRAY 2019-1 | COUNTY<br>JOHNSON | TOTAL SHEETS<br>7 | SHEET NO.<br>5 |
|  |  |  |   | SCALE:      SHEET      OF      SHEETS      STA.      TO STA. | CONTRACT NO. 78665             |                                 |                   |                   |                |
|  |  |  |   |  | ILLINOIS      FED. AID PROJECT |                                 |                   |                   |                |

# SCHEDULE OF ROUTES

| LOCATION | COUNTY  | MARKED ROUTE   |
|----------|---------|--|
| 1        | JOHNSON | INTERSTATE 24 FROM MP 1.6 TO MP 23.6 (JOHNSON/MASSAC COUNTY LINE)  |
| 2        | JOHNSON | INTERSTATE 57 FROM MP 43.3 (JOHNSON/WILLIAMSON COUNTY LINE) TO MP 39 (JUST SOUTH OF GOREVILLE INTERCHANGE) |

## ESTIMATE OF TOTAL MATERIALS FOR SPRAY MIXTURE

| MATERIAL    | GALLONS |
|-------------|---------|
| MILESTONE   | 34      |
| VASTLAN     | 135     |
| SURFACTANT  | 57      |
| CLEAN WATER | 21,465  |

## SPRAY MIXTURE

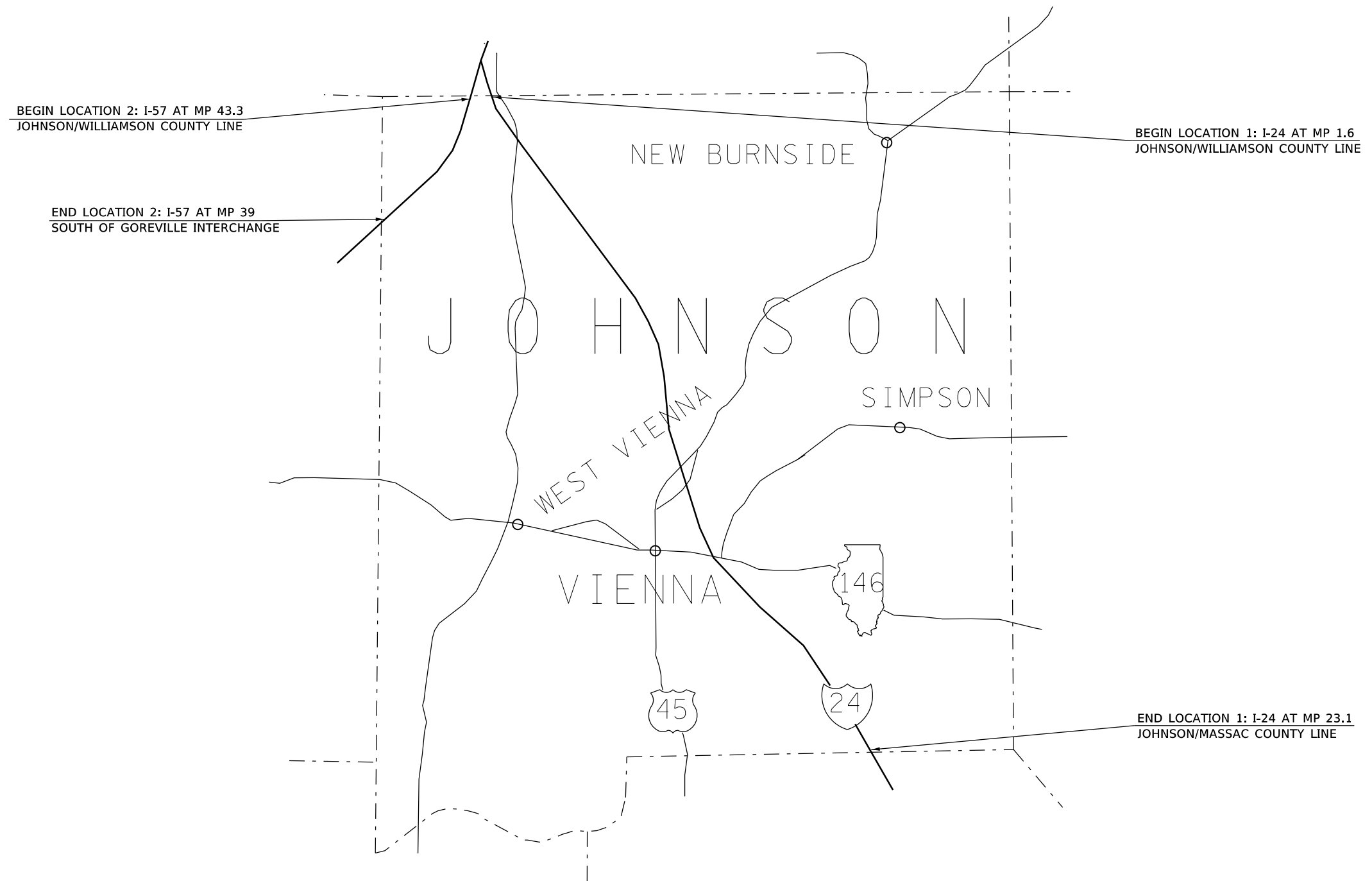
| MILESTONE MIXTURE |                        |
|-------------------|------------------------|
| MILESTONE         | 6.0 OZ OF PRODUCT/ACRE |
| VASTALAN          | 24 OZ. OF PRODUCT/ACRE |
| SURFACTANT        | 10 OZ. OF PRODUCT/ACRE |
| CLEAN WATER       | 30 GALLONS/ACRE        |

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|   |  |  |   |   |                      |                                 |                   |                   |                |   |
|---|--|--|---|---|----------------------|---------------------------------|-------------------|-------------------|----------------|---|
| USER NAME = PRITCHETLL<br>PLOT SCALE = 100,0000' / in.<br>PLOT DATE = 5/18/2018 | DESIGNED -<br>DRAWN -<br>CHECKED -<br>DATE - | REVISED -<br>REVISED -<br>REVISED -<br>REVISED - | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>SCHEDULE OF ROUTES<br/>SPRAY MIXTURE</b> | F.A.I. RTE.<br>24/57 | SECTION<br>D9 WEED SPRAY 2019-1 | COUNTY<br>JOHNSON | TOTAL SHEETS<br>7 | SHEET NO.<br>6 | CONTRACT NO. 78665<br>ILLINOIS FED. AID PROJECT |
|   |  |  |   | SCALE:                                      | SHEET                | OF                              | SHEETS            | STA.              | TO             | STA.  |

# JOHNSON COUNTY

## I-57/24



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|                              |            |           |
|------------------------------|------------|-----------|
| USER NAME = PRITCHETTL       | DESIGNED - | REVISED - |
|                              | DRAWN -    | REVISED - |
| PLOT SCALE = 100,0000' / in. | CHECKED -  | REVISED - |
| PLOT DATE = 5/18/2018        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                     |       |    |         |
|---------------------|-------|----|---------|
| <b>LOCATION MAP</b> |       |    |         |
| SCALE:              | SHEET | OF | SHEETS  |
|                     | STA.  |    | TO STA. |

|             |                      |          |                    |           |
|-------------|----------------------|----------|--------------------|-----------|
| F.A.I. RTE. | SECTION              | COUNTY   | TOTAL SHEETS       | SHEET NO. |
| 24/57       | D9 WEED SPRAY 2019-1 | JOHNSON  | 7                  | 7         |
|             |                      |          | CONTRACT NO. 78665 |           |
|             |                      | ILLINOIS | FED. AID PROJECT   |           |