

04-27-12 LETTING ITEM 068

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

|                             |            |           |              |           |
|-----------------------------|------------|-----------|--------------|-----------|
| F.A.P. RTE.                 | SECTION    | COUNTY    | TOTAL SHEETS | SHEET NO. |
| 332                         | 2011-225-I | COOK * 25 | 1            | 1         |
| ILLINOIS CONTRACT NO. 60R90 |            |           |              |           |

D-91-237-12 \*25 of 26

FOR INDEX OF SHEETS, SEE SHEET NO. 2

IMPROVEMENT LOCATED IN THE VILLAGES OF FORD HEIGHTS, LYNWOOD, SAUK VILLAGE, AND STEGER

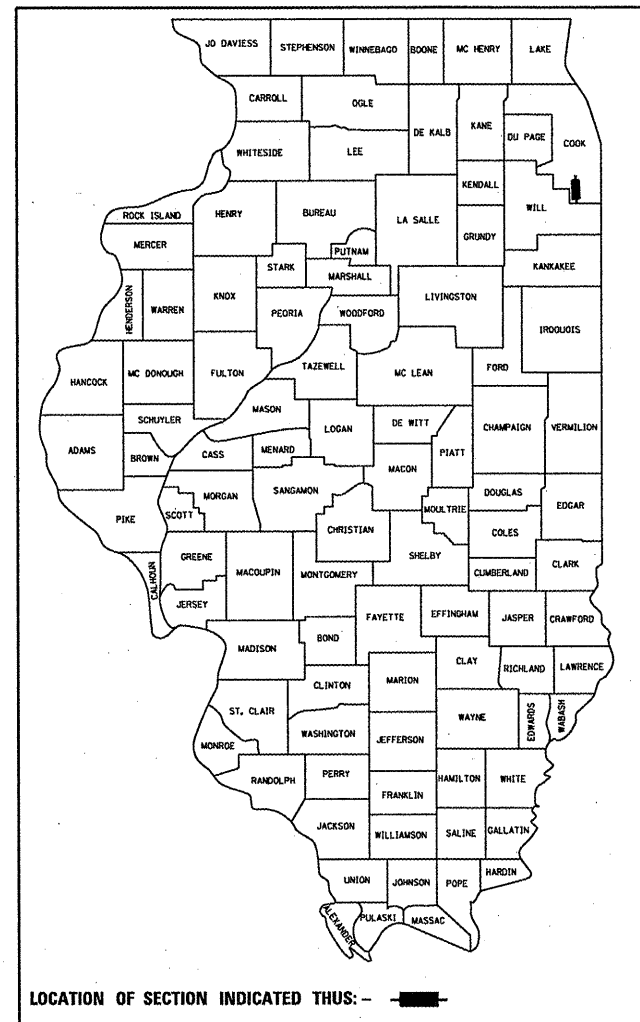
TRAFFIC DATA

2010 ADT = 84000

POSTED SPEED LIMIT = 55 MPH

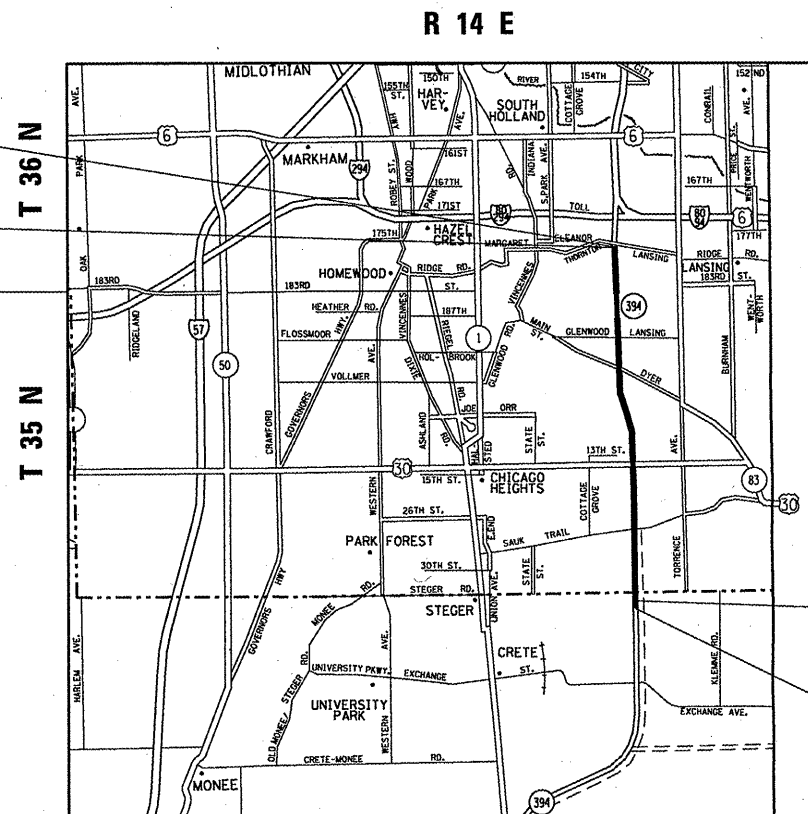
PROPOSED  
HIGHWAY PLANS

F.A.P. ROUTE 332: IL 394 (BISHOP FORD EXPRESSWAY)  
THORNTON-LANSING ROAD TO STEGER ROAD  
SECTION: 2011-225-I  
CRACK & JOINT SEALING  
COOK COUNTY  
C-91-237-12



IMPROVEMENT BEGINS  
NORTHBOUND STATION 80 + 66

IMPROVEMENT BEGINS  
SOUTHBOUND STATION 83 + 03



IMPROVEMENT ENDS  
SOUTHBOUND STATION 433 + 83

IMPROVEMENT ENDS  
NORTHBOUND STATION 434 + 05

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

PROJECT ENGINEER: ROBERT BORO (847) 705-4237  
PROJECT MANAGER: ISSAM RAYYAN (847) 705-4178

CONTRACT NO. 60R90

THORNTON & BLOOM TOWNSHIPS

GROSS AND NET LENGTH OF IMPROVEMENT (NORTHBOUND) = 35,339 LIN FT = 6.69 MILES  
GROSS AND NET LENGTH OF IMPROVEMENT (SOUTHBOUND) = 35,080 LIN FT = 6.64 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED FEBRUARY 7, 2012  
*Diane M. O'Keefe* DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

MARCH 23, 2012  
*John D. Baranzelli, P.E.* ENGINEER OF DESIGN AND ENVIRONMENT

MARCH 23, 2012  
*William R. Frey* DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

| SHEET NO. | DESCRIPTION   |
|-----------|---|
| 1         | TITLE SHEET   |
| 2         | INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES                                      |
| 3         | SUMMARY OF QUANTITIES   |
| 4 - 16    | PROPOSED PLANS AND PAVEMENT MARKING PLANS   |
| 17        | CRACK & JOINT SEALING DETAIL  |
| 18        | FREEWAY ENTRANCE AND EXIT RAMP (TC-08)  |
| 19        | TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE (TC-09)                   |
| 19A       | TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS (TC-10)     |
| 20 - 21   | MULTI-LANE FREEWAY PAVEMENT MARKING DETAILS (TC-12)                                     |
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| 23        | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) (TC-14)         |
| 24        | TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES (TC-17) |
| 25        | ARTERIAL ROAD INFORMATION SIGN (TC-22)  |

**STANDARDS**

- 701400-05 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701401-06 LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701411-08 LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS  $\geq$  45 MPH
- 701421-04 LANE CLOSURE, MULTILANE, DAY OPERATION ONLY, FOR SPEEDS  $\geq$  45 TO 55 MPH
- 701426-04 LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS  $\geq$  45 MPH
- 701701-08 URBAN LANE CLOSURE, MULTILANE INTERSECTION
- 701901-02 TRAFFIC CONTROL DEVICES
- 780001-03 TYPICAL PAVEMENT MARKING

**GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "JULIE" AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. (48 HOUR NOTIFICATION IS REQUIRED).

THE CONTRACT SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AND THE VILLAGES OF FORD HEIGHTS, LYNWOOD, SAUK VILLAGE, AND STEGER.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4151 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

THE ENGINEER SHALL CONTACT LAWRENCE HILL, AREA TRAFFIC FIELD ENGINEER, AT (815) 485-6475 A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.

ALL CRACK ROUTING & CRACK SEALING LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER. CRACK ROUTING SHALL BE OMITTED WHERE VEHICLE DETECTOR LOOPS & RAISED REFLECTIVE PAVEMENT MARKERS ARE PRESENT IN THE PAVEMENT.

THE CONTRACTOR SHALL RESTRIPE THE ENTIRE ROADWAY, INCLUDING STOP BARS, ISLAND CHANNELIZATION, AND LETTERS AND SYMBOLS, ONCE CRACK AND JOINT RESEALING OPERATION IS COMPLETE.

MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN THE EXISTING PAVEMENT MAY BE PLACED, SHAPED AND COMPACTED TO THE SATISFACTION OF THE ENGINEER ALONG EXISTING AGGREGATE SHOULDERS ADJACENT TO THE PAVEMENT. ALL MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITHOUT AGGREGATE SHOULDERS AND SURPLUS MATERIALS RESULTING FROM THE ROUTING OF CRACKS IN PAVEMENTS WITH AGGREGATE SHOULDERS, WHERE ALL MATERIALS ARE NOT PLACED ALONG EXISTING AGGREGATE SHOULDERS, SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS. OLD SEALANTS REMOVED PRIOR TO ROUTING SHALL BE DISPOSED OF AS SPECIFIED IN ARTICLE 202.03. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT THE COST SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR THE CONSTRUCTION ITEMS INVOLVED, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

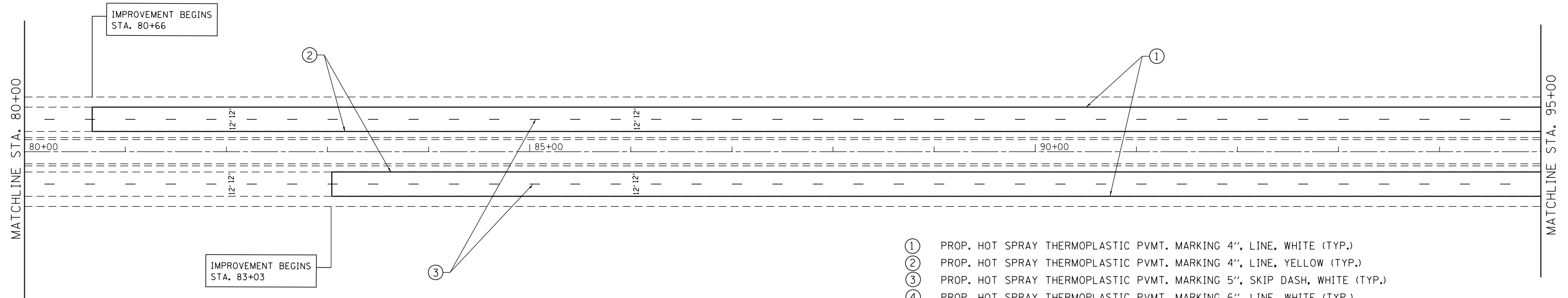
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|   | PLLOT SCALE = 100.0000' / 1" = | CHECKED -             | REVISED -              |   |  | SCALE: 1" = 50'       | SHEET NO. OF SHEETS   | STA. TO STA.   | ILLINOIS FED. AID PROJECT |                |  |
|   | PLLOT DATE = 3/8/2012          | DATE -                | REVISED -              |   |  |                       |                       |                |                           |                |  |

| SUMMARY OF QUANTITIES |  |       |        | URBAN<br>100%<br>STATE<br>TOTAL<br>QUANTITIES | CONSTRUCTION TYPE CODE |  |  |  |  |  |
|-----------------------|--|-------|--------|---|------------------------|--|--|--|--|--|
| CODE NO               | ITEM   | UNIT  | 0005   |   |                        |  |  |  |  |  |
| 45100100              | CRACK ROUTING (PAVEMENT)                                   | FOOT  | 336050 | 336050  |                        |  |  |  |  |  |
| 45100200              | CRACK FILLING  | POUND | 127699 | 127699  |                        |  |  |  |  |  |
| 67100100              | MOBILIZATION   | L SUM | 1      | 1   |                        |  |  |  |  |  |
| * 78000200            | THERMOPLASTIC PAVEMENT MARKING - LINE 4"                   | FOOT  | 690    | 690   |                        |  |  |  |  |  |
| X7011015              | TRAFFIC CONTROL AND PROTECTION<br>(EXPRESSWAYS)            | L SUM | 1      | 1   |                        |  |  |  |  |  |
| * X7800815            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 4 INCH  | FOOT  | 132089 | 132089  |                        |  |  |  |  |  |
| * X7800825            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 5 INCH  | FOOT  | 17592  | 17592   |                        |  |  |  |  |  |
| * X7800835            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 6 INCH  | FOOT  | 2293   | 2293  |                        |  |  |  |  |  |
| * X7800845            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 8 INCH  | FOOT  | 6949   | 6949  |                        |  |  |  |  |  |
| * X7800855            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 12 INCH | FOOT  | 856    | 856   |                        |  |  |  |  |  |
| * X7800870            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>MARKING LINE - 24 INCH | FOOT  | 240    | 240   |                        |  |  |  |  |  |
| * X7800800            | HOT SPRAY THERMOPLASTIC PAVEMENT<br>LETTERS AND SYMBOLS    | SQ FT | 618.8  | 618.8   |                        |  |  |  |  |  |

*\*Specialty Items*

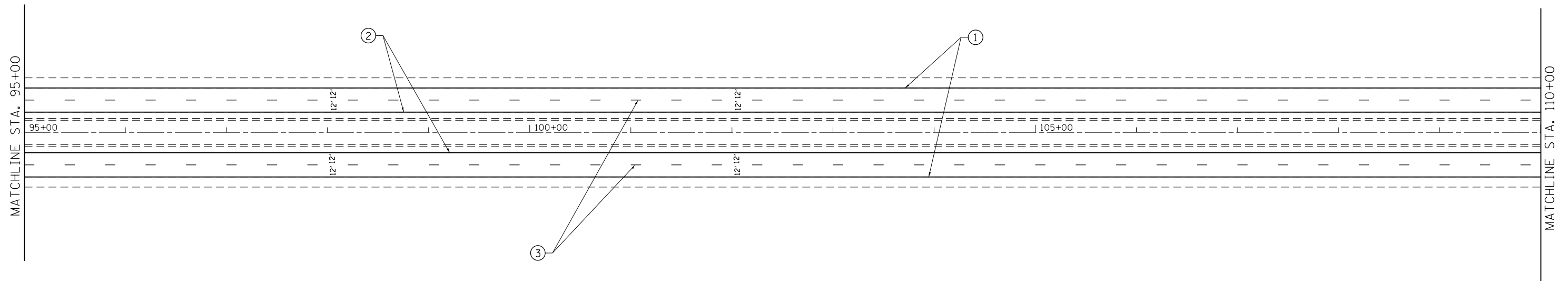
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| PLOT DATE = 2/17/2012                                  | DATE -             | REVISED -  |                                     |   |   |                           |                       |                |                       |                   |

IL. RTE. 394



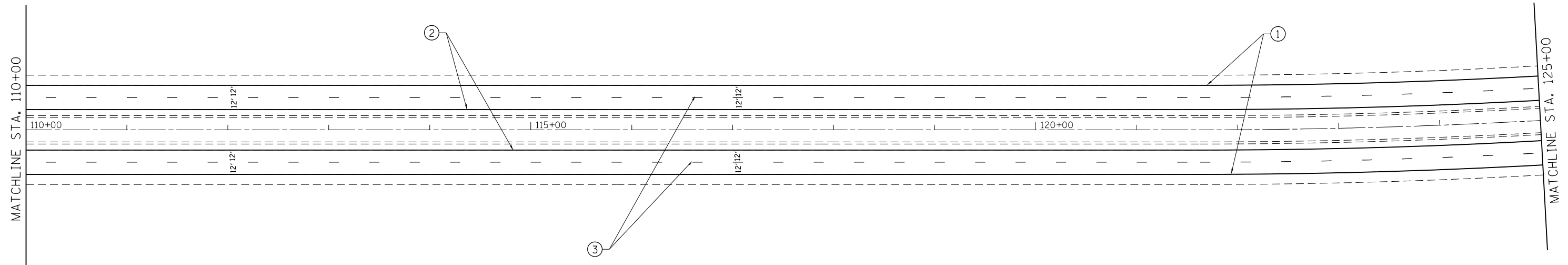
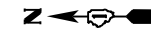
- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
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- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
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- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)

IL. RTE. 394



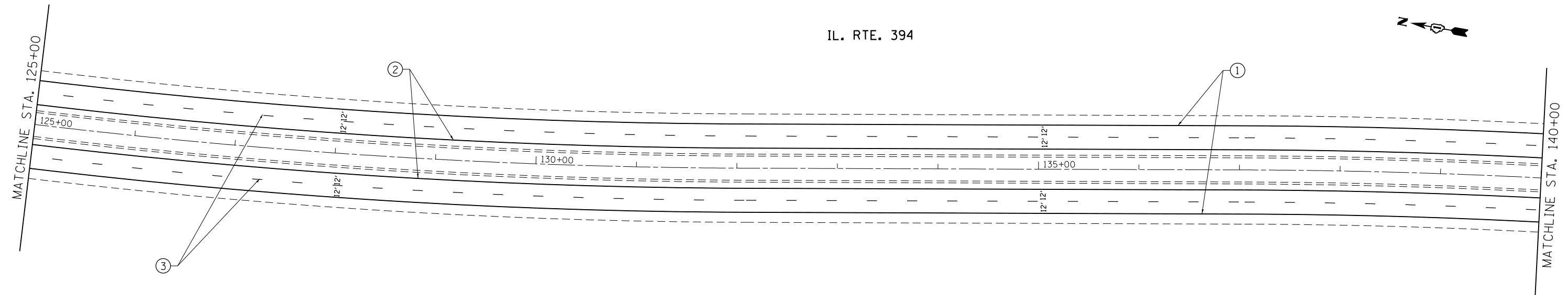
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|   | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED -     |   |  | 332                       | 2011-225-1         | COOK   | 25           | 4         |
| PLOT DATE = 2/17/2012   | DATE -                       | REVISED -  | SCALE: 1"=50' |   | SHEET 2 OF 14 SHEETS   | STA. 80+00 TO STA. 110+00 | CONTRACT NO. 60R90 |        |              |           |
| ILLINOIS FED. AID PROJECT   |                              |            |               |   |  |                           |                    |        |              |           |

IL. RTE. 394



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IL. RTE. 394



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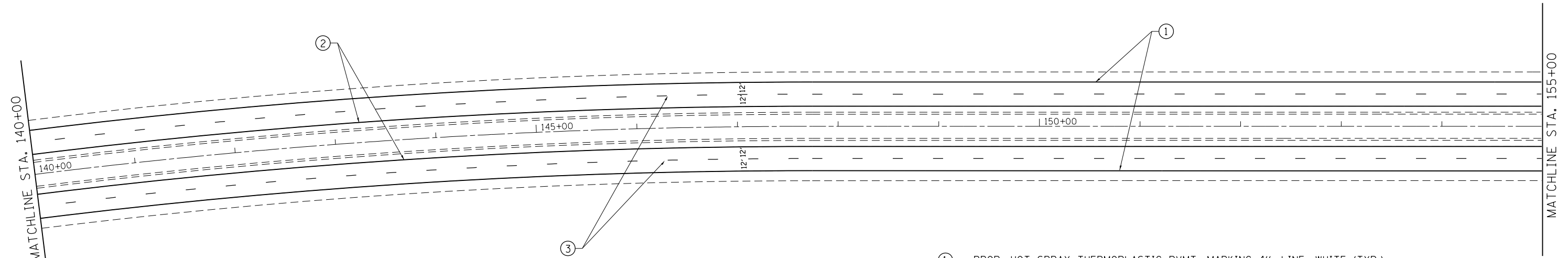
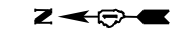
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)

SCALE: 1"=50' SHEET 3 OF 14 SHEETS STA. 110+00 TO STA. 140+00

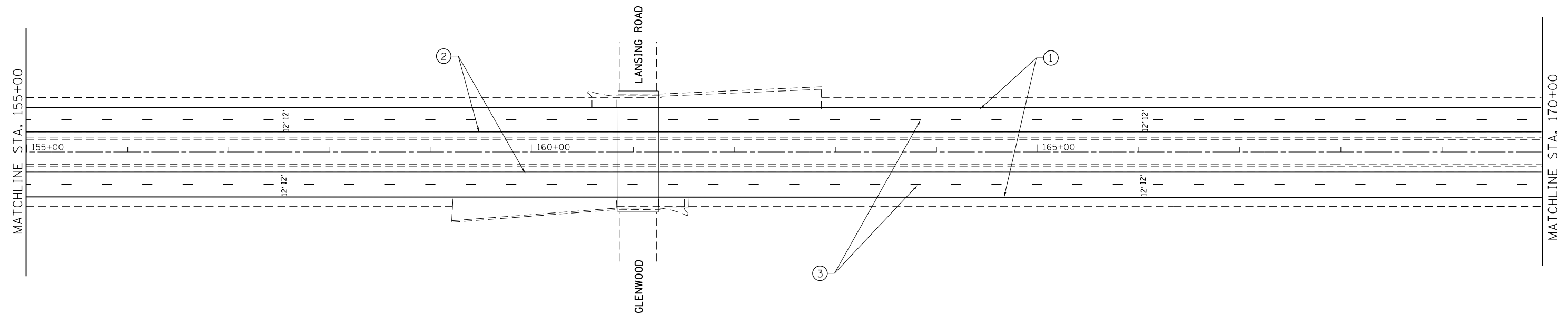
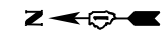
| F.A.P. RTE.               | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 332                       | 2011-225-1 | COOK   | 25           | 5         |
| CONTRACT NO. 60R90        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |

IL. RTE. 394



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
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IL. RTE. 394



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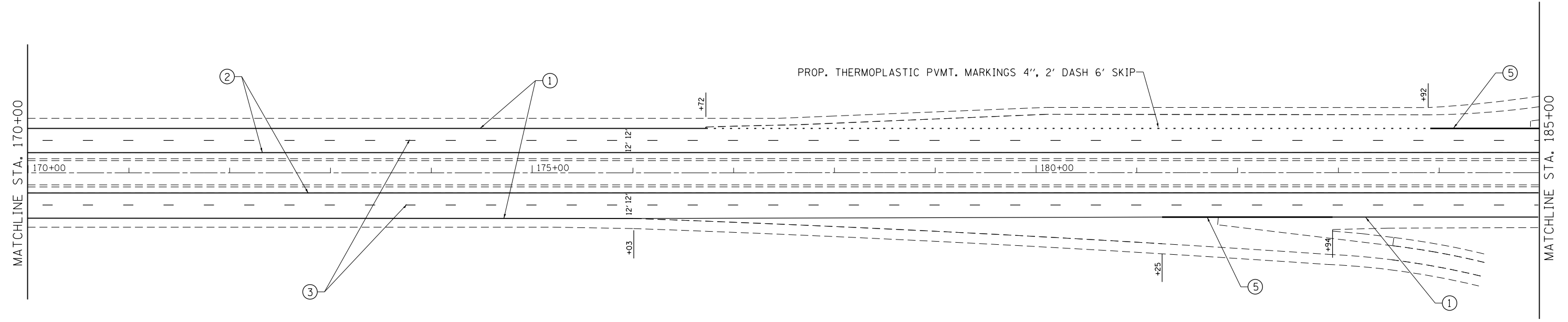
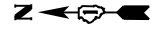
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

SCALE: 1"=50'    SHEET 4 OF 14 SHEETS    STA. 140+00 TO STA. 170+00

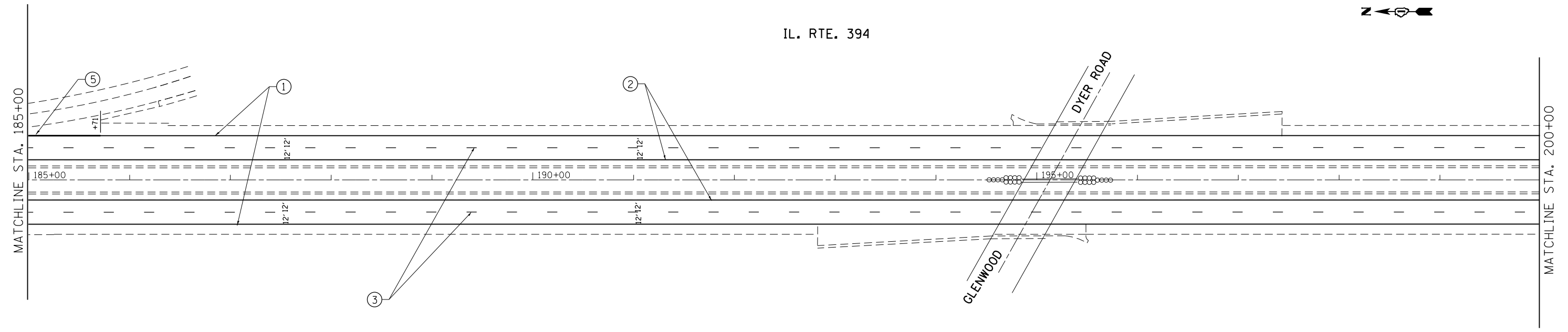
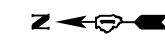
| F.A.P. RTE.        | SECTION    | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------|--------|---------------------------|-----------|
| 332                | 2011-225-1 | COOK   | 25                        | 6         |
| CONTRACT NO. 60R90 |            |        | ILLINOIS FED. AID PROJECT |           |

IL. RTE. 394



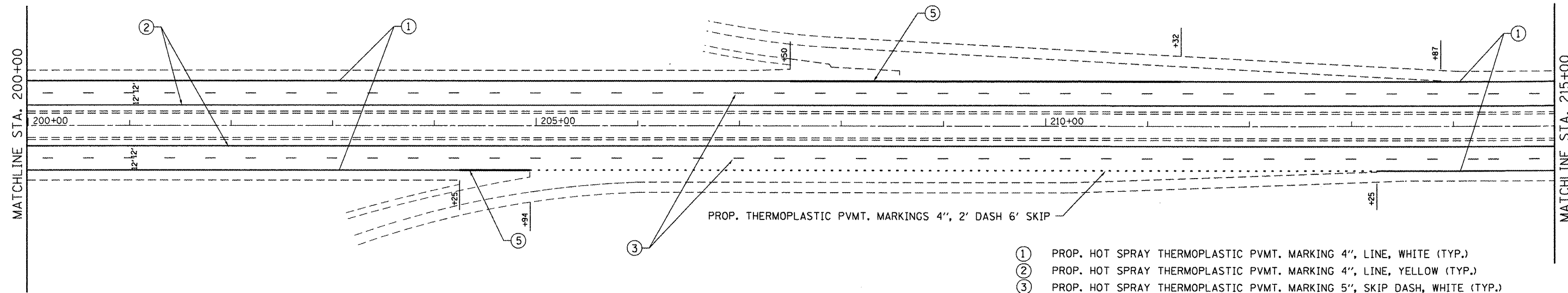
- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
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IL. RTE. 394



|   |                              |            |           |   |  |  |  |                      |            |                            |              |                    |  |
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|   | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |   |  |  |  | 332                  | 2011-225-1 | COOK                       | 25           | 7                  |  |
| PLOT DATE = 2/17/2012   | DATE -                       | REVISED -  | REVISED - |   | SCALE: 1"=50'  |  |  | SHEET 5 OF 14 SHEETS |            | STA. 170+00 TO STA. 200+00 |              | CONTRACT NO. 60R90 |  |
| ILLINOIS FED. AID PROJECT   |                              |            |           |   |  |  |  |                      |            |                            |              |                    |  |

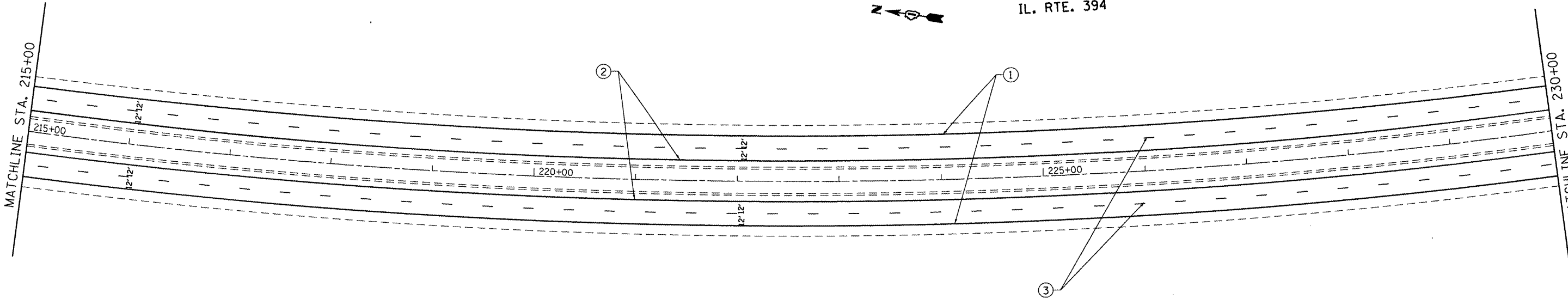
IL. RTE. 394



PROP. THERMOPLASTIC PVMT. MARKINGS 4", 2' DASH 6' SKIP

- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
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IL. RTE. 394



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| PLLOT DATE = 3/8/2012                                   | DATE -                                     | REVISED -             | REVISED -              |

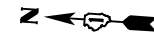
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

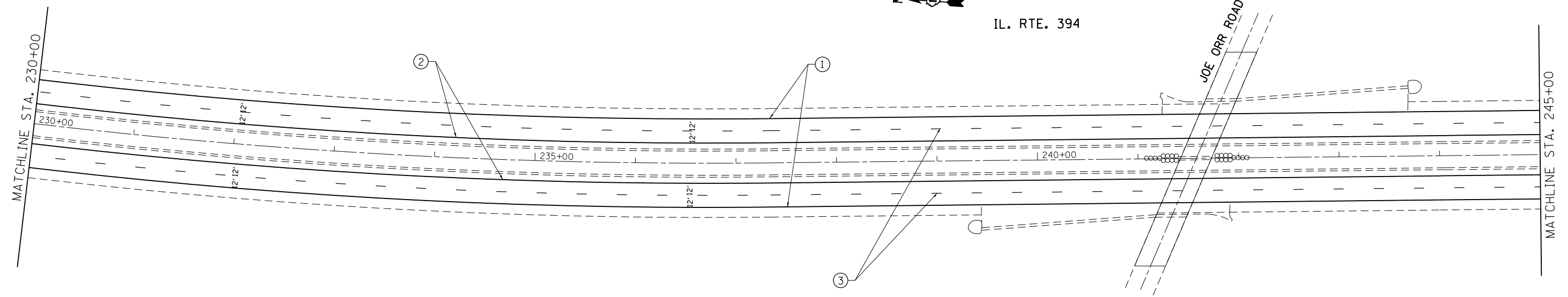
SCALE: 1"=50'    SHEET 6 OF 14 SHEETS    STA. 200+00 TO STA. 230+00

|                    |                       |                |                           |                |
|--------------------|-----------------------|----------------|---------------------------|----------------|
| F.A.P. RTE.<br>332 | SECTION<br>2011-225-1 | COUNTY<br>COOK | TOTAL SHEETS<br>25        | SHEET NO.<br>8 |
| CONTRACT NO. 60R90 |                       |                | ILLINOIS FED. AID PROJECT |                |



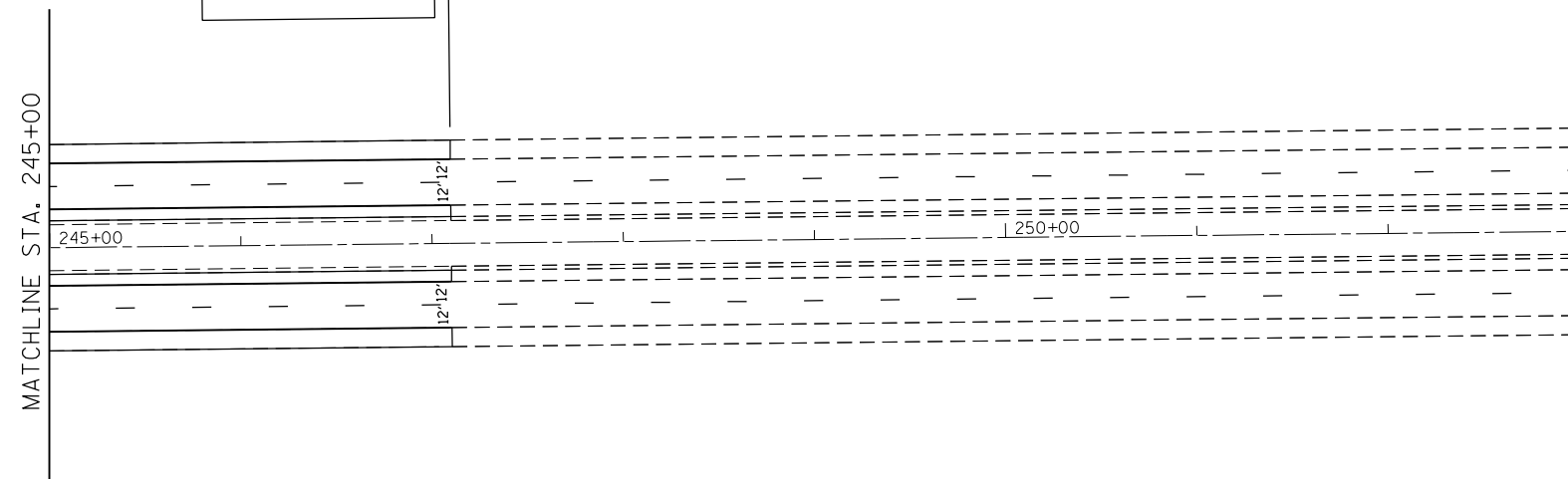


IL. RTE. 394



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP, WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)

CONTINUE ON SHEET 10  
STA. 247+10



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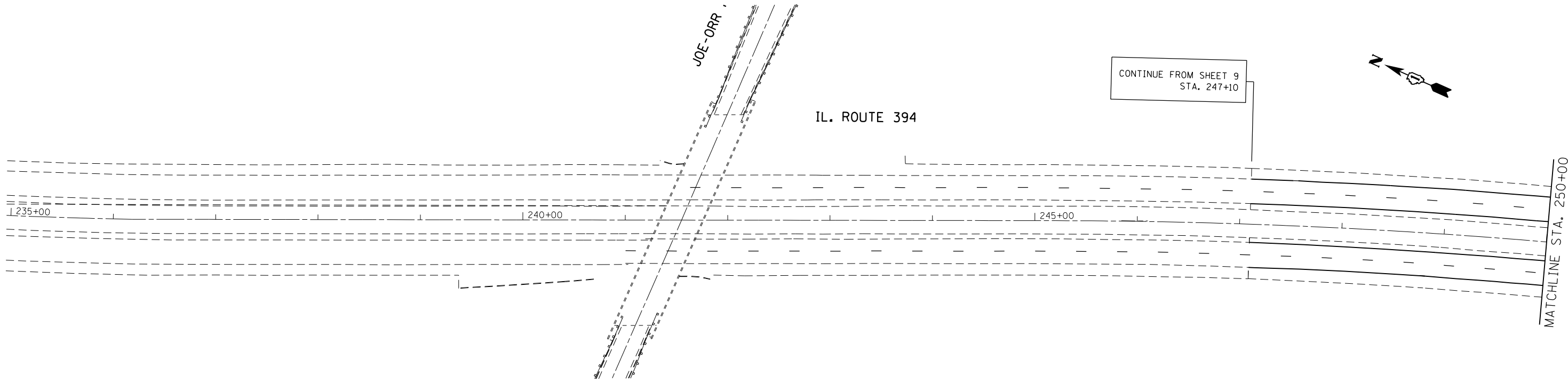
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

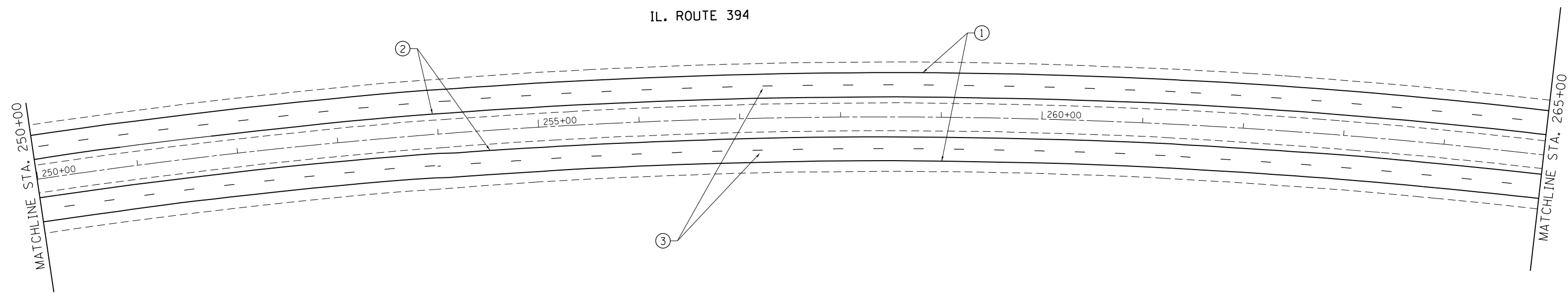
SCALE: 1"=50' SHEET 7 OF 14 SHEETS STA. 230+00 TO STA. 247+10

| F.A.P. RTE.               | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 332                       | 2011-225-1 | COOK   | 25           | 9         |
| CONTRACT NO. 60R90        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |

CONTINUE FROM SHEET 9  
STA. 247+10



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



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|  | PLOT DATE = 2/17/2012        | DATE -     | REVISED - |

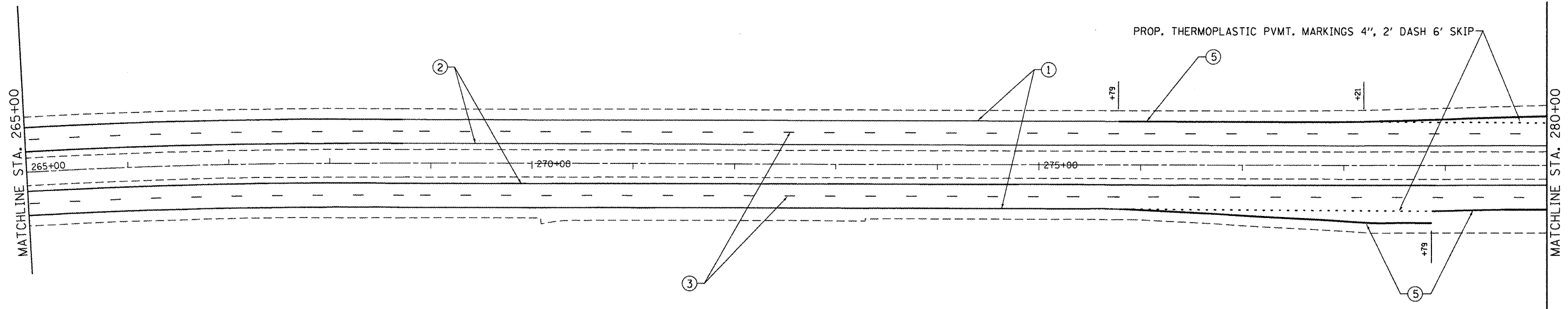
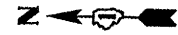
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

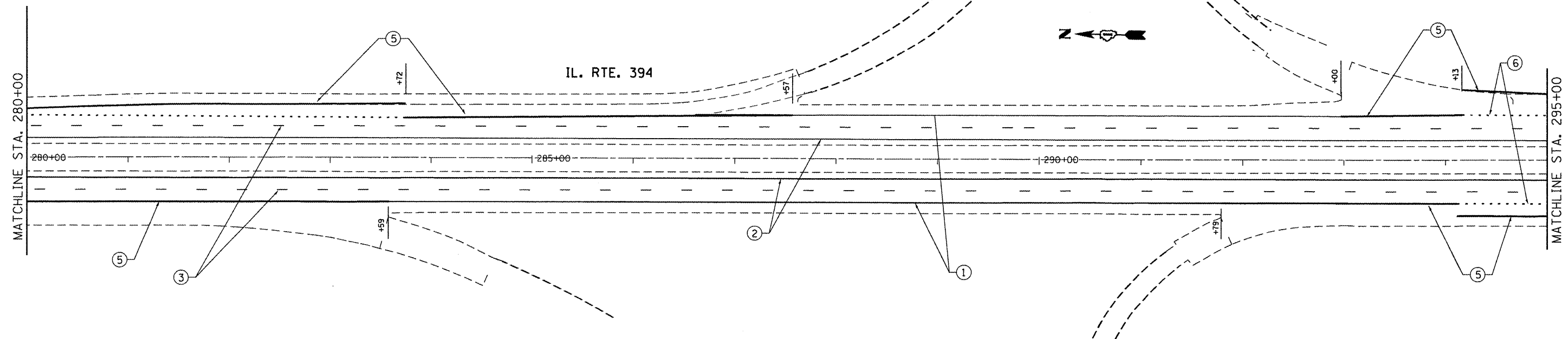
SCALE: 1"=50'    SHEET 8 OF 14 SHEETS    STA. 247+10 TO STA. 265+00

| F.A.P. RTE.               | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 332                       | 2011-225-1 | COOK   | 25           | 10        |
| CONTRACT NO. 60R90        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |

IL. RTE. 394



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP, WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



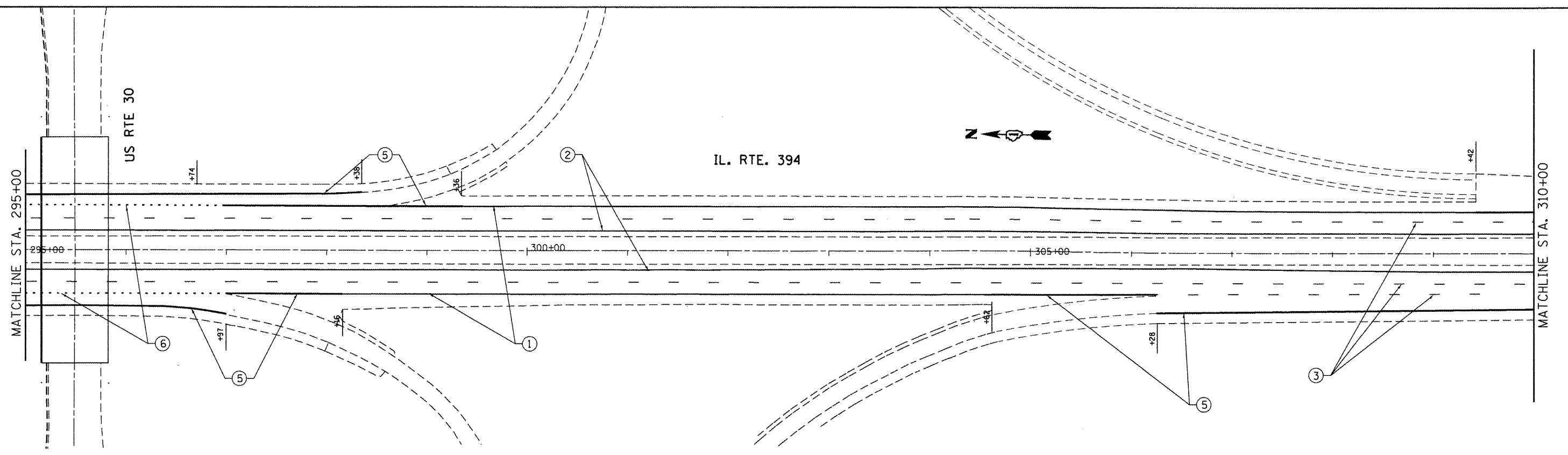
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| PLOT DATE = 3/8/2012                   | DATE -              | REVISED -  | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

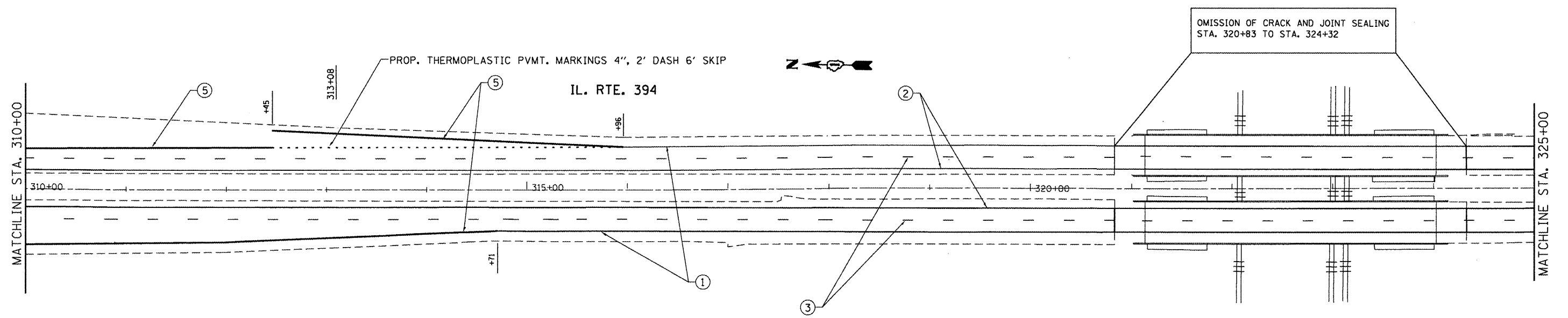
PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)

SCALE: 1"=50' SHEET 9 OF 14 SHEETS STA. 265+00 TO STA. 295+00

|                    |                    |             |                           |              |
|--------------------|--------------------|-------------|---------------------------|--------------|
| F.A.P. RTE. 332    | SECTION 2011-225-1 | COUNTY COOK | TOTAL SHEETS 25           | SHEET NO. 11 |
| CONTRACT NO. 60R90 |                    |             | ILLINOIS FED. AID PROJECT |              |



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP, WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



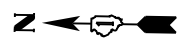
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|   | PLT DATE = 3/8/2012        | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

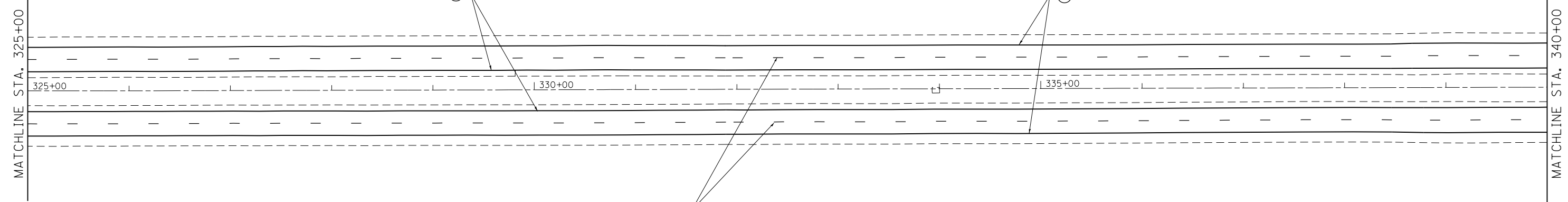
**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

SCALE: 1"=50'    SHEET 10 OF 14 SHEETS    STA. 295+00 TO STA. 325+00

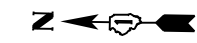
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|--------------------|--------------------|-------------|---------------------------|--------------|
| F.A.P. RTE. 332    | SECTION 2011-225-1 | COUNTY COOK | TOTAL SHEETS 25           | SHEET NO. 12 |
| CONTRACT NO. 60R90 |                    |             | ILLINOIS FED. AID PROJECT |              |



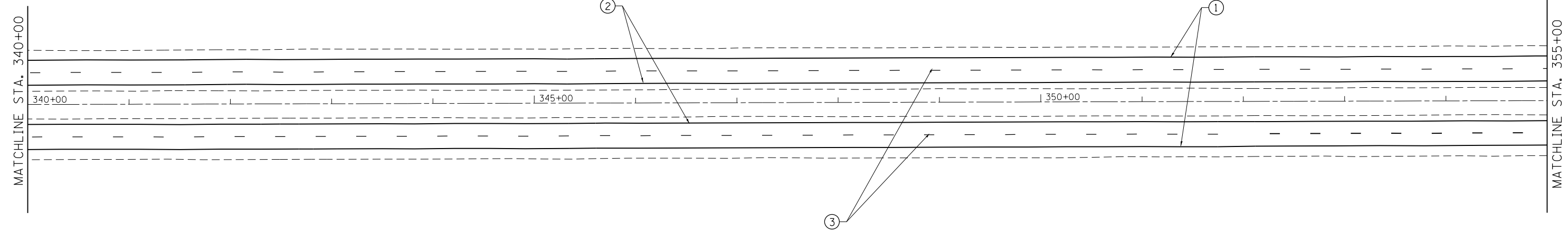
IL. RTE. 394



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



IL. RTE. 394



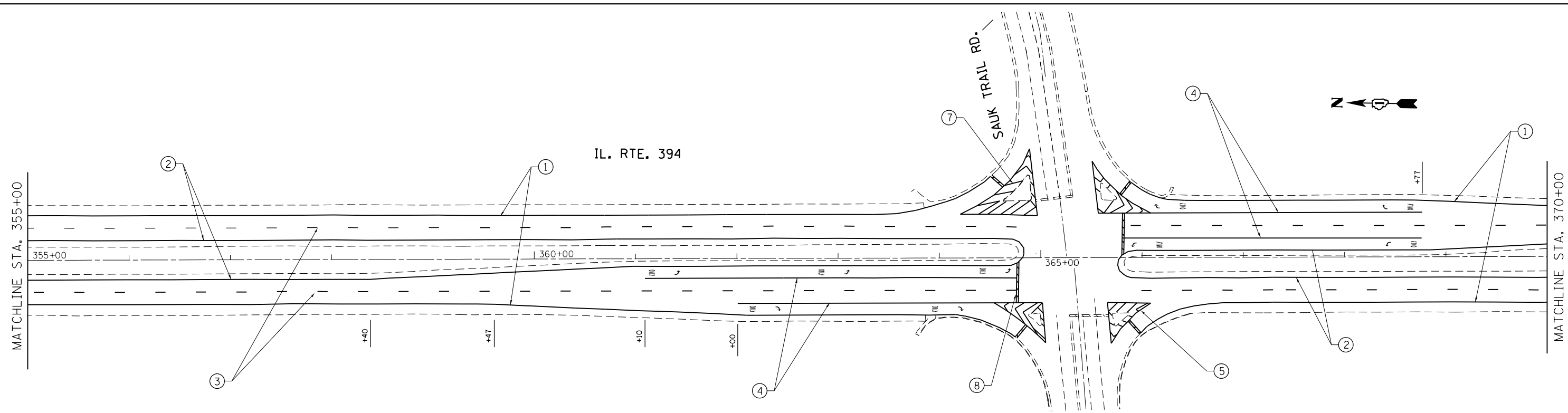
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|   |                    | DATE -     | REVISED - |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

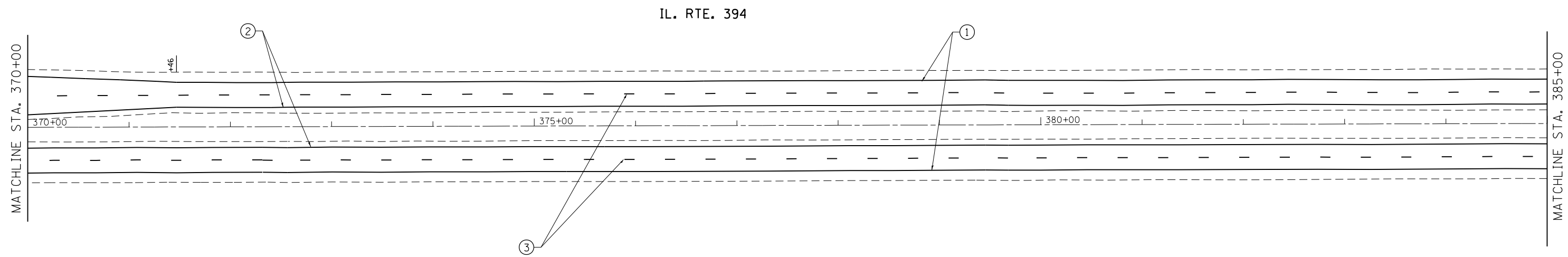
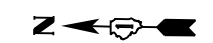
**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

SCALE: 1"=50'    SHEET 11 OF 14 SHEETS    STA. 325+00 TO STA. 355+00

| F.A.P. RTE.        | SECTION    | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------|--------|---------------------------|-----------|
| 332                | 2011-225-1 | COOK   | 25                        | 13        |
| CONTRACT NO. 60R90 |            |        | ILLINOIS FED. AID PROJECT |           |



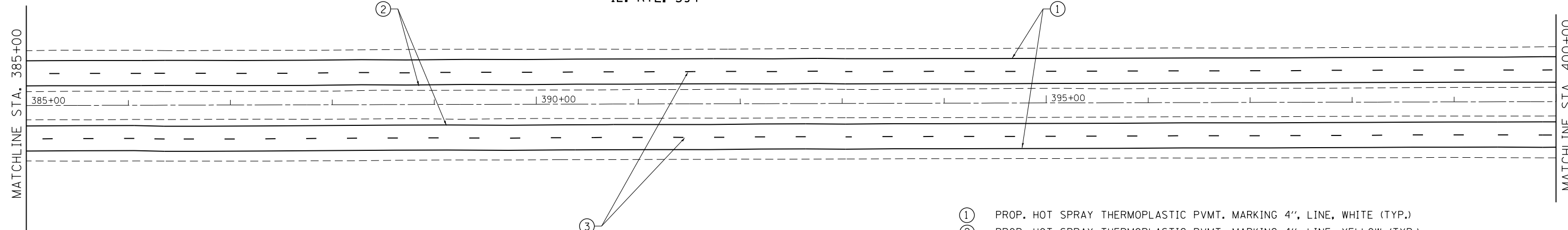
- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
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- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



|   |                              |            |           |   |  |  |  |                       |            |                            |                           |           |
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|   | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - |   |  |  |  | 332                   | 2011-225-1 | COOK                       | 25                        | 14        |
| PLOT DATE = 2/17/2012   | DATE -                       | REVISED -  | REVISED - |   | SCALE: 1"=50'  |  |  | SHEET 12 OF 14 SHEETS |            | STA. 355+00 TO STA. 385+00 | ILLINOIS FED. AID PROJECT |           |
|   |                              |            |           |   | CONTRACT NO. 60R90   |  |  |                       |            |                            |                           |           |



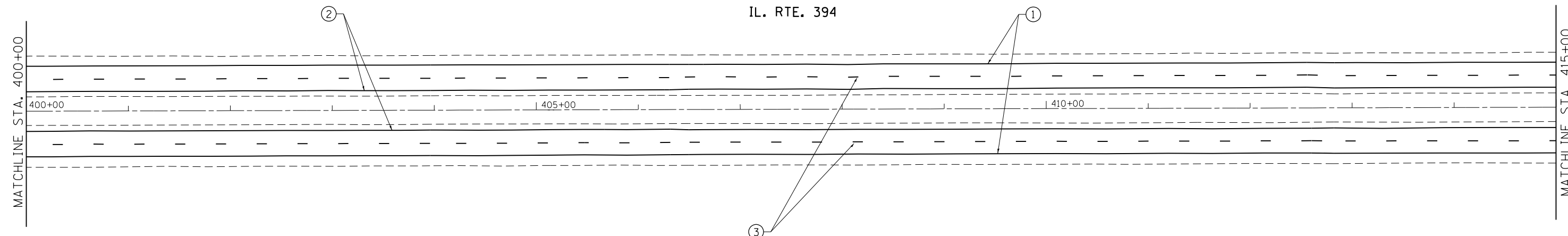
IL. RTE. 394



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



IL. RTE. 394



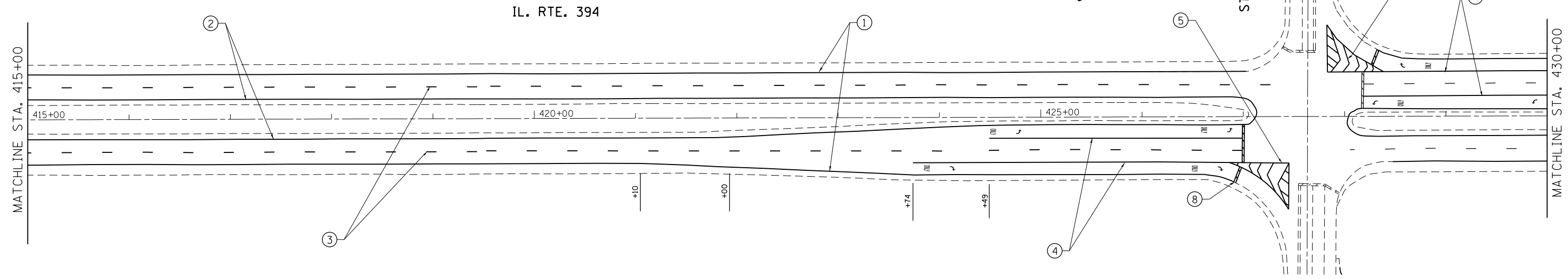
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|   | PLOT DATE = 2/17/2012        | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

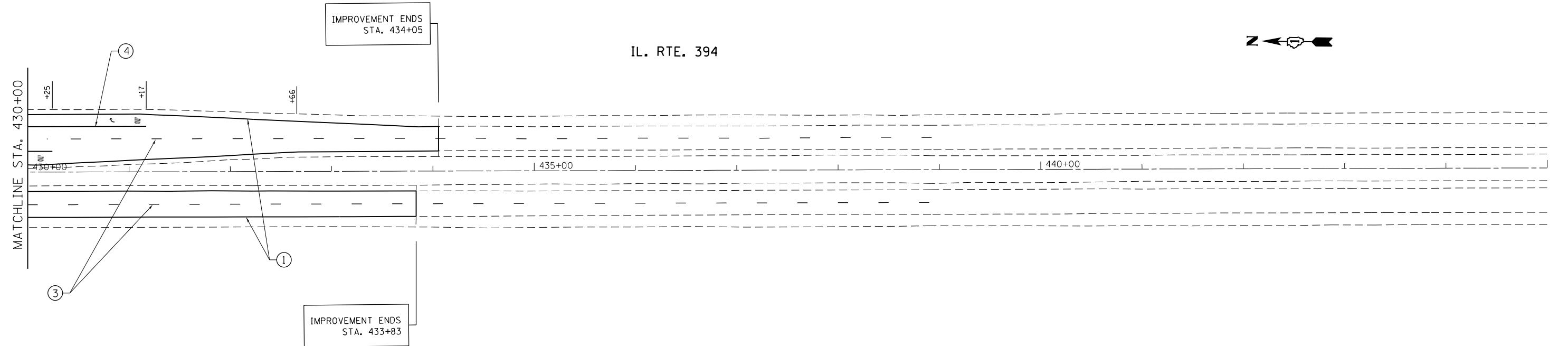
PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)

SCALE: 1"=50' SHEET 13 OF 14 SHEETS STA. 385+00 TO STA. 415+00

| F.A.P. RTE.        | SECTION    | COUNTY | TOTAL SHEETS              | SHEET NO. |
|--------------------|------------|--------|---------------------------|-----------|
| 332                | 2011-225-1 | COOK   | 25                        | 15        |
| CONTRACT NO. 60R90 |            |        | ILLINOIS FED. AID PROJECT |           |



- ① PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, WHITE (TYP.)
- ② PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 4", LINE, YELLOW (TYP.)
- ③ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 5", SKIP DASH, WHITE (TYP.)
- ④ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 6", LINE, WHITE (TYP.)
- ⑤ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", LINE, WHITE (TYP.)
- ⑥ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 8", 3' DASH 9' SKIP , WHITE (TYP.)
- ⑦ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 12", DIAGONAL, WHITE (TYP.)
- ⑧ PROP. HOT SPRAY THERMOPLASTIC PVMT. MARKING 24", BAR LINE, WHITE (TYP.)



|   |                              |            |           |
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|   | PLOT DATE = 2/17/2012        | DATE -     | REVISED - |

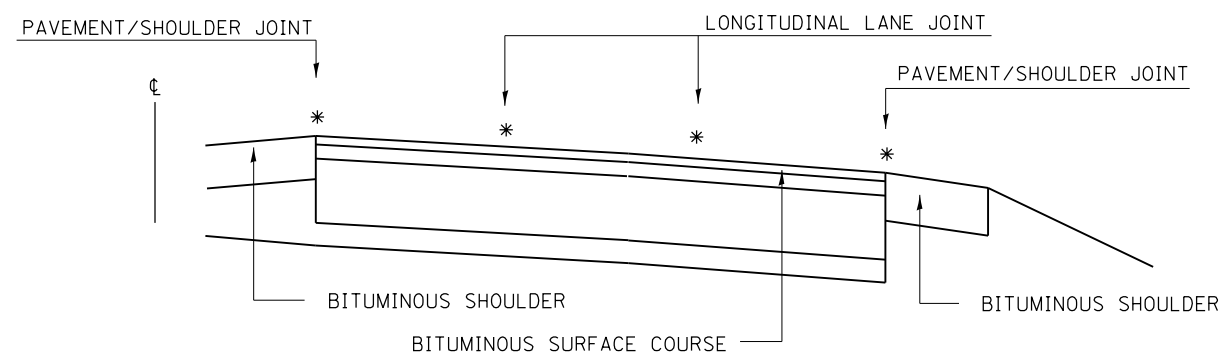
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PROPOSED ROADWAY AND PAVEMENT MARKING PLANS  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)**

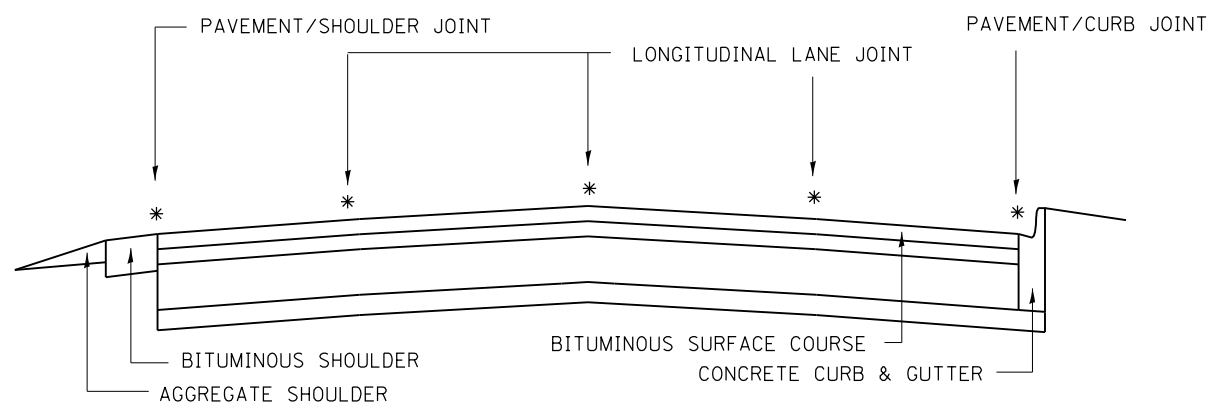
SCALE: 1"=50'    SHEET 14 OF 14 SHEETS    STA. 415+00 TO STA. 434+05

| F.A.P. RTE.               | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|------------|--------|--------------|-----------|
| 332                       | 2011-225-1 | COOK   | 25           | 16        |
| CONTRACT NO. 60R90        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |

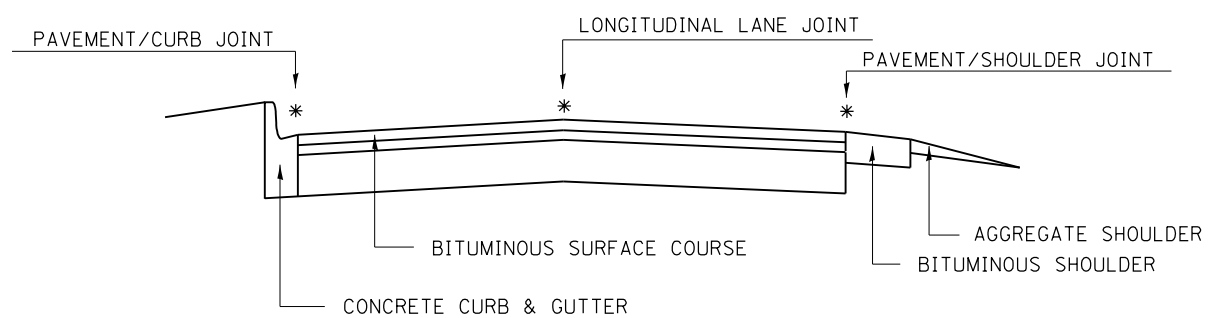




MULTI-LANE DIVIDED PAVEMENT



MULTI-LANE UNDIVIDED PAVEMENT

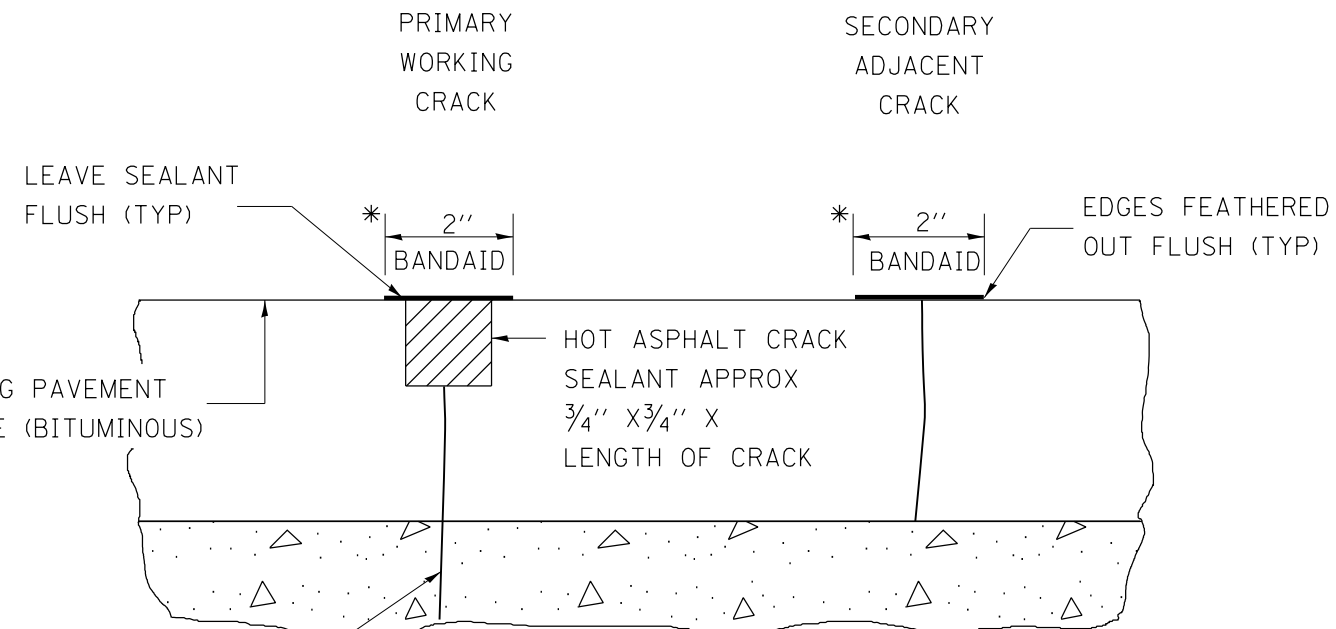


TWO-LANE PAVEMENT

PROPOSED TRANSVERSE CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS NOT SHOWN

\* PROPOSED LONGITUDINAL CRACK ROUTING (PAVEMENT) & CRACK FILLING LOCATIONS

GENERAL EXISTING TYPICAL SECTIONS

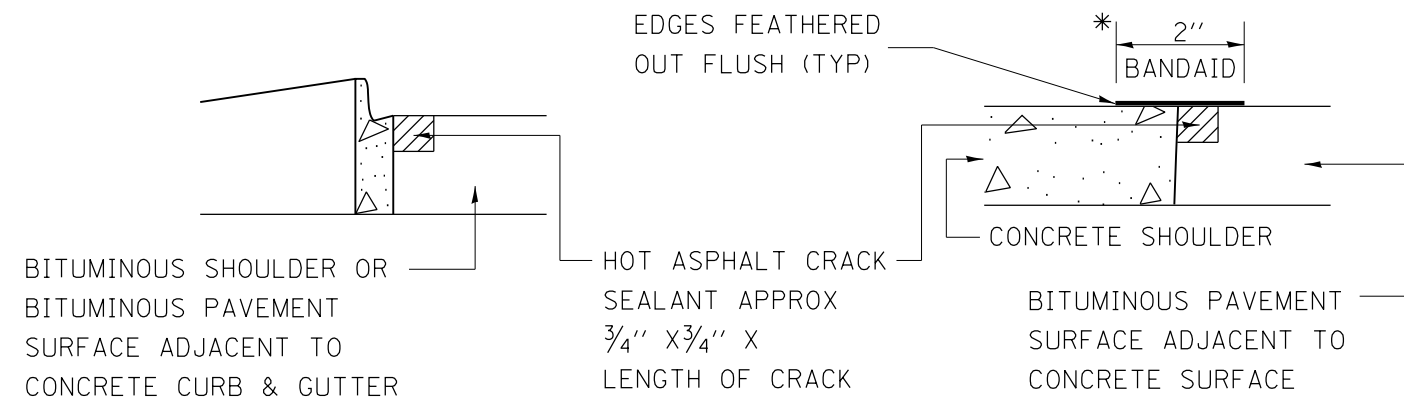


FULL DEPTH CRACK OR JOINT IN PCC BASE \* ROUTED, CLEANED & SEALED

CLEANED & SEALED

IN ALL LOCATIONS WHERE THE LONGITUDINAL CRACK CONFLICTS WITH EXISTING PAVEMENT MARKINGS (EITHER EDGE LINE OR LANE LINE) THE CRACK SHALL BE ROUTED & THE RESULTING RESERVOIR FILLED WITH SEALANT. HOWEVER, THE 2" BANDAID SEALANT STRIP SHALL BE DELETED TO PREVENT UNNECESSARY DAMAGE TO THE EXISTING PAVEMENT MARKINGS. ALL DAMAGES TO EXISTING RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE REPLACED AT THE EXPENSE OF THE CONTRACTOR. ALL EXISTING PAVEMENT MARKINGS WITHIN THE PROJECT LIMITS SHALL BE RESTORED WITH HOT SPRAY THERMOPLASTIC PAVEMENT MARKINGS.

LONGITUDINAL JOINT



CRACK & JOINT SEALING DETAIL

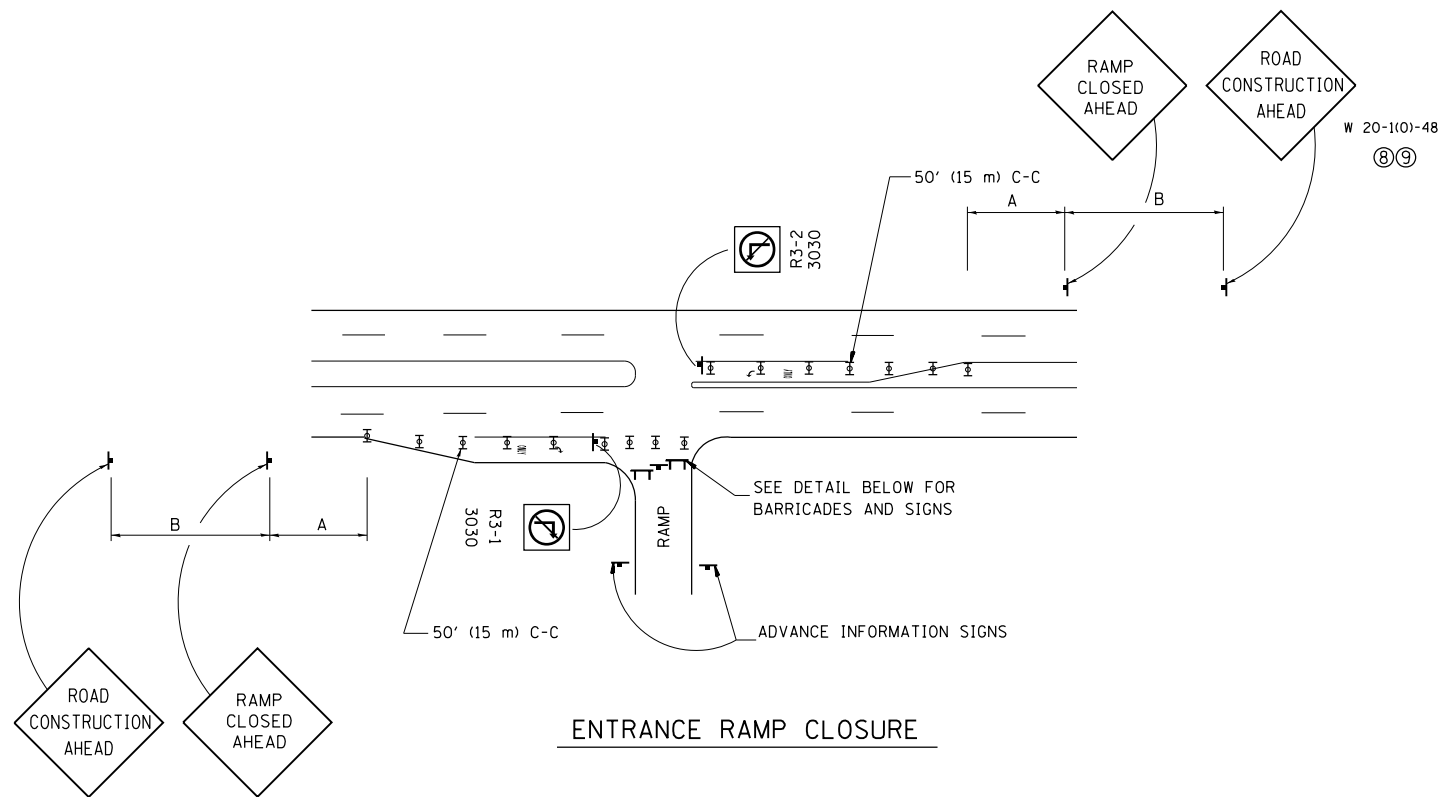
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|                             | PLOT DATE = 2/17/2012        | DATE -     | REVISED - |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CRACK & JOINT SEALING DETAIL  
IL 394 (THORNTON-LANSING RD. TO STEGER RD.)

SCALE: SHEET NO. OF SHEETS STA. TO STA.

|                           |            |        |              |           |
|---------------------------|------------|--------|--------------|-----------|
| F.A.P. RTE.               | SECTION    | COUNTY | TOTAL SHEETS | SHEET NO. |
| 332                       | 2011-225-1 | COOK   | 25           | 17        |
| CONTRACT NO. 60R90        |            |        |              |           |
| ILLINOIS FED. AID PROJECT |            |        |              |           |



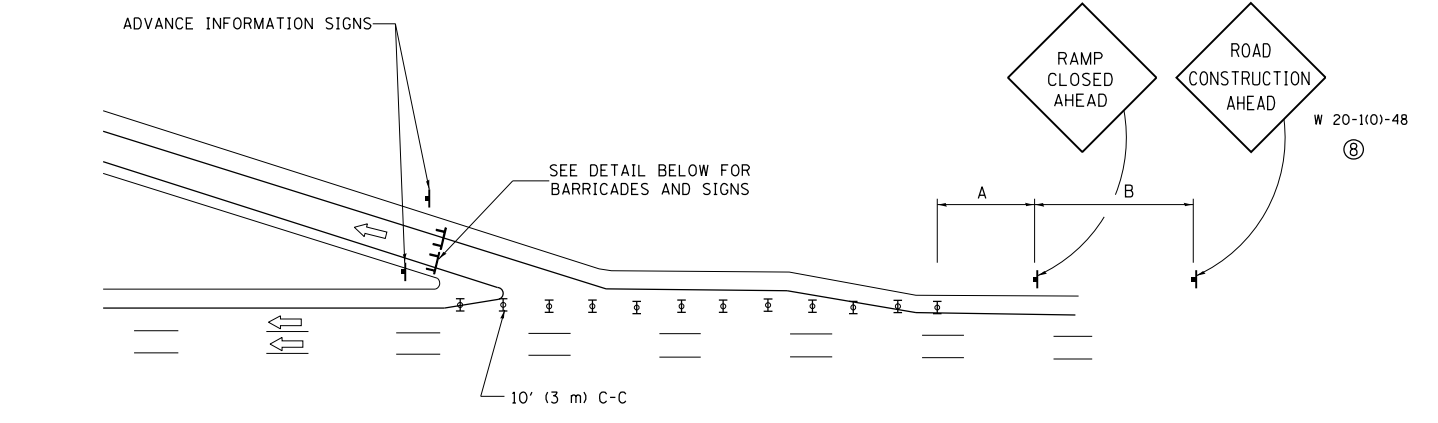
**ENTRANCE RAMP CLOSURE**

**SIGN SPACING TABLE**

| FACILITY             | DISTANCE BETWEEN SIGNS |               |
|----------------------|------------------------|---------------|
|                      | A                      | B             |
| EXPRESSWAY >24 HOURS | 1000' (300 m)          | 1500' (450 m) |
| EXPRESSWAY <24 HOURS | 500' (150 m)           | 500' (150 m)  |
| ARTERIAL ≥45 MPH     | 350' (100 m)           | 350' (100 m)  |
| ARTERIAL <45 MPH     | 150' (45 m)            | 150' (45 m)   |

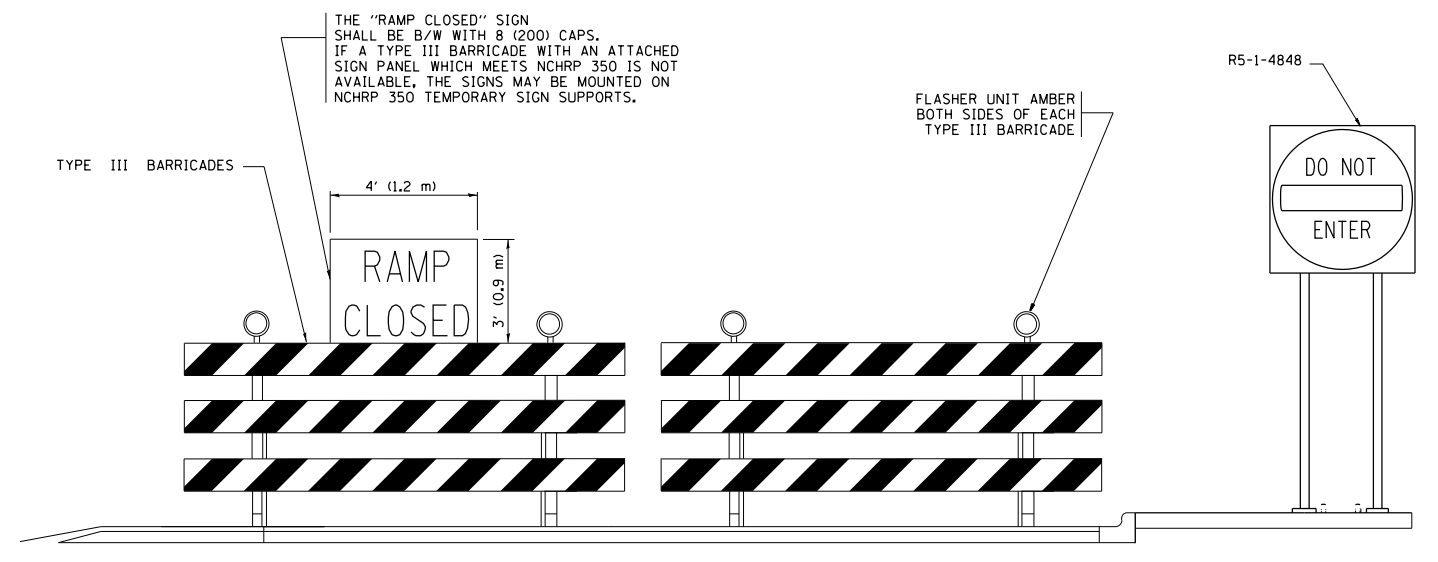
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.

W 20-1(0)-48  
⑧⑨

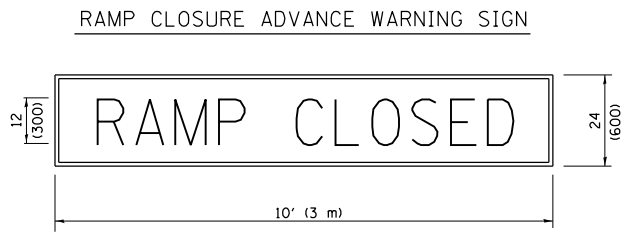


**EXIT RAMP CLOSURE**

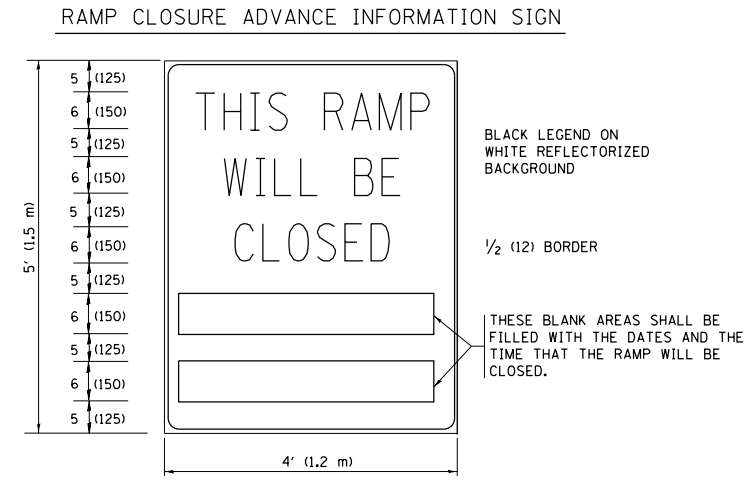
- SYMBOLS**
- ⊥ TYPE II BARRICADE, DRUM OR VERTICAL BARRICADE WITH STEADY BURN MONO-DIRECTIONAL LIGHT
  - ⊓ TYPE III BARRICADE WITH FLASHING LIGHT



**DETAIL FOR REQUIRED BARRICADES & SIGNS**



BLACK LEGEND ON ORANGE REFLECTORIZED BACKGROUND  
1 (25) BORDER  
THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR THE CLOSED EXIT RAMPS.



THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

**GENERAL NOTES:**

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② STEADY BURN LIGHTS WILL NOT BE REQUIRED FOR DAY OPERATIONS.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED TWENTY-FOUR (24) HOURS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED ON CLOSURES LESS THAN 24 HOURS IN DURATION.

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

|  |                             |                |                         |
|--|-----------------------------|----------------|-------------------------|
| FILE NAME =                                    | USER NAME = windot          | DESIGNED - DWS | REVISED - DWS/JAF 12-02 |
| et:\pw\work\windot\windot\d0291571\DistStd.dgn |                             | DRAWN -        | REVISED - JAF 02-06     |
|  | PLOT SCALE = 100.0000' / 1" | CHECKED -      | REVISED - SPB 01-07     |
|  | PLOT DATE = 2/17/2012       | DATE - 02-83   | REVISED - SPB 12-09     |

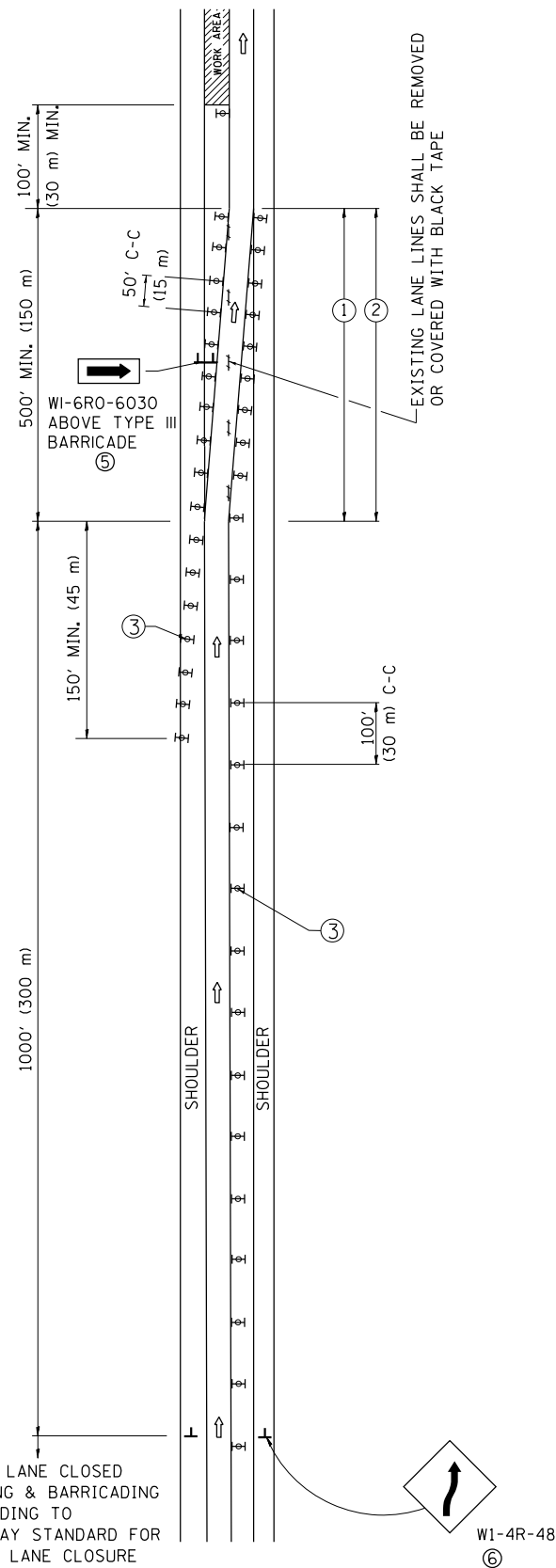
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FREeway ENTRANCE AND EXIT RAMP  
CLOSURE DETAILS**

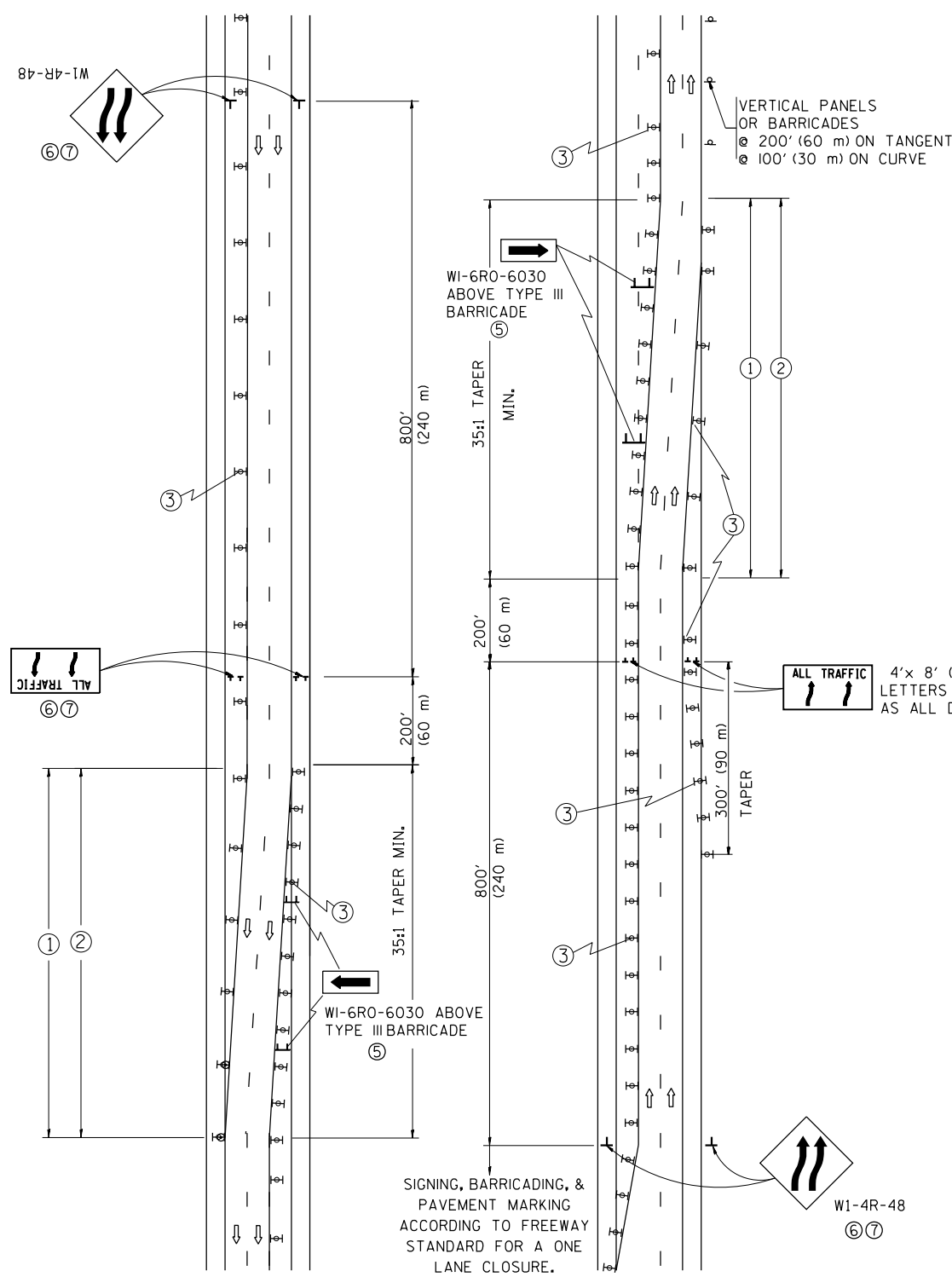
SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| F.A. RTE.                                       | SECTION    | COUNTY       | TOTAL SHEETS | SHEET NO. |
|---|------------|--------------|--------------|-----------|
| 332   | 2011-225-1 | COOK         | 25           | 18        |
| TC-08   |            | CONTRACT NO. | 60R90        |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |            |              |              |           |

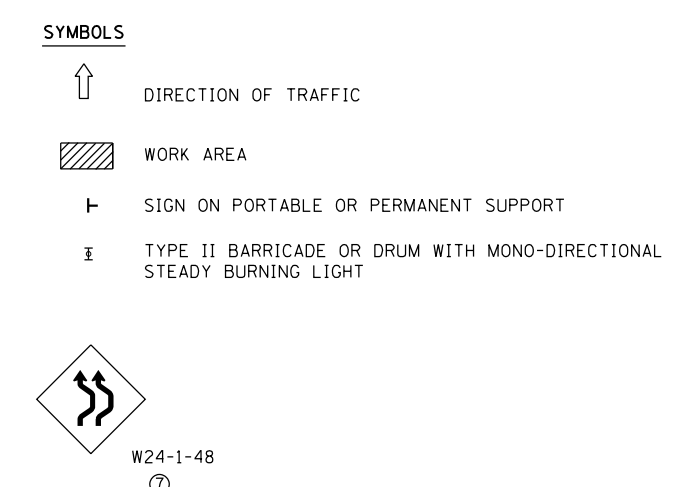
# SINGLE LANE WEAVE



# MULTI-LANE WEAVE

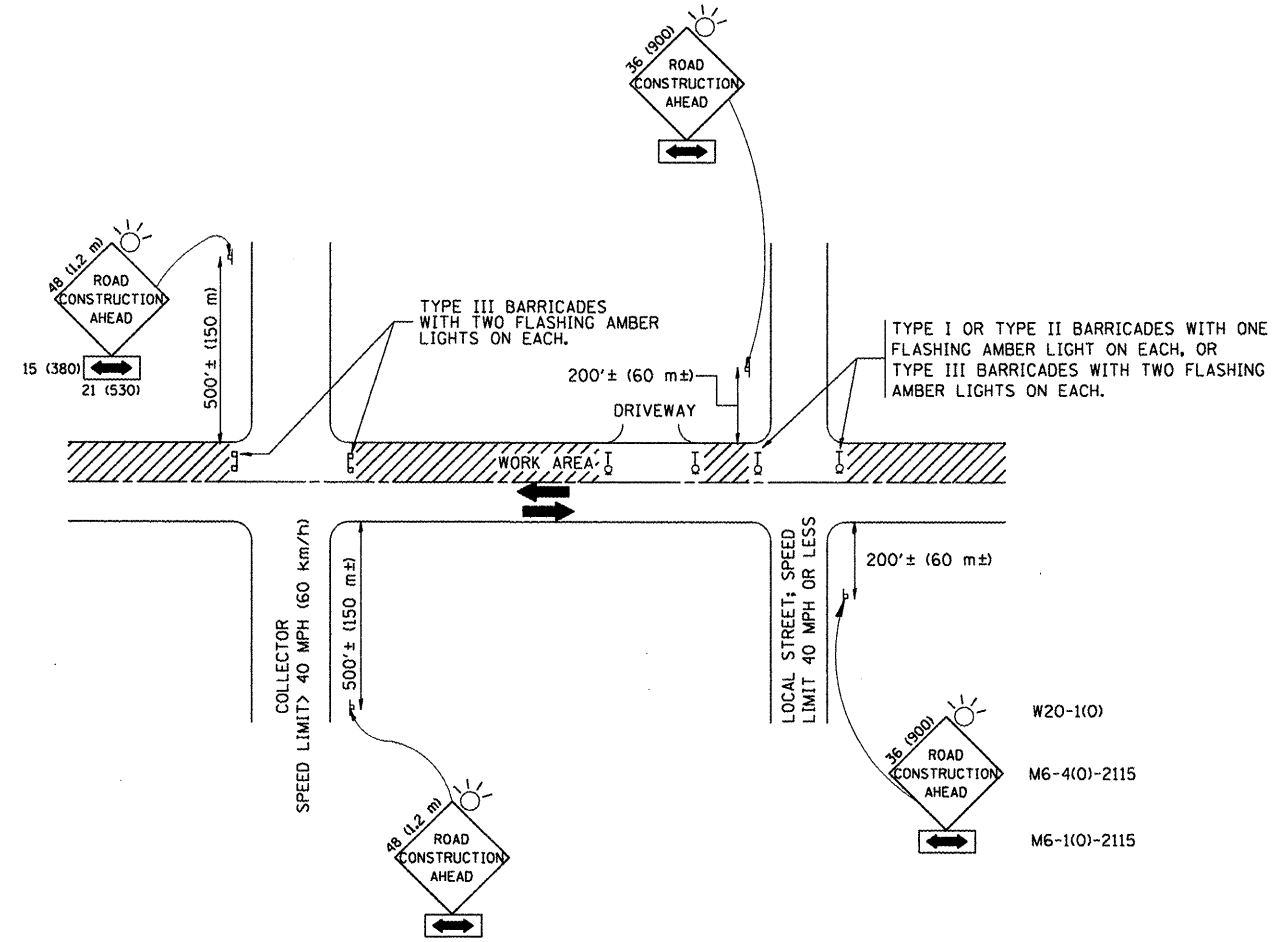


- ### GENERAL NOTES
- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 24 HOURS IN DURATION.
  - CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
  - PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
  - ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
  - IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON NCHRP 350 TEMPORARY SIGN SUPPORTS. TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
  - WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
  - THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.



ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

|  |                              |                |                     |   |  |                         |                           |   |         |        |              |           |
|--|------------------------------|----------------|---------------------|---|--|-------------------------|---------------------------|---|---------|--------|--------------|-----------|
| FILE NAME =                                    | USER NAME = windot           | DESIGNED - DWS | REVISED - JAF 01-03 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TRAFFIC CONTROL DETAILS FOR<br/>FREEWAY SINGLE &amp; MULTI-LANE WEAVE</b> |                         |                           | F.A. RTE.                                       | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\windot\windot\d0291571\DistStd.dgn |                              | DRAWN -        | REVISED - JAF 02-06 |   | 332  | 2011-225-1              | COOK                      | 25  | 19      |        |              |           |
|  | PLOT SCALE = 100.0000' / in. | CHECKED -      | REVISED - SPB 01-07 |   | <b>TC-09</b>   |                         | <b>CONTRACT NO. 60R90</b> |   |         |        |              |           |
|  | PLOT DATE = 2/17/2012        | DATE - 02-87   | REVISED - SPB 12-09 |   | SCALE: NONE  | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.              | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |         |        |              |           |



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

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

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 AND FLAG 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. 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).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

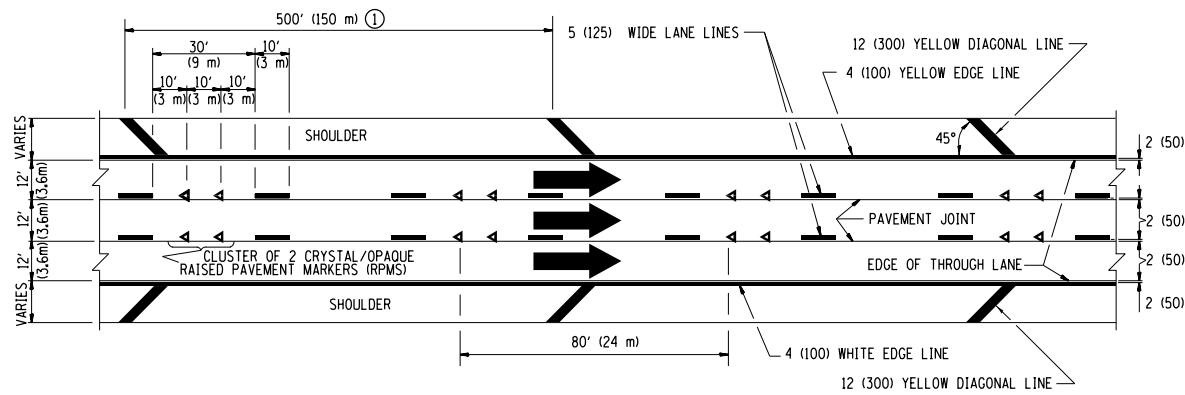
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| c:\pw\work\pwdat\windat\d0291571\0astStd.dgn |                               | DRAWN -        | REVISED - A. HOUSEH 03-06-96    |
|  | PLDT SCALE = 100.0000 / 1 in. | CHECKED -      | REVISED - A. HOUSEH 10-15-96    |
|  | PLDT DATE = 3/8/2012          | DATE - 06-89   | REVISED - T. RAMMACHER 01-06-00 |

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

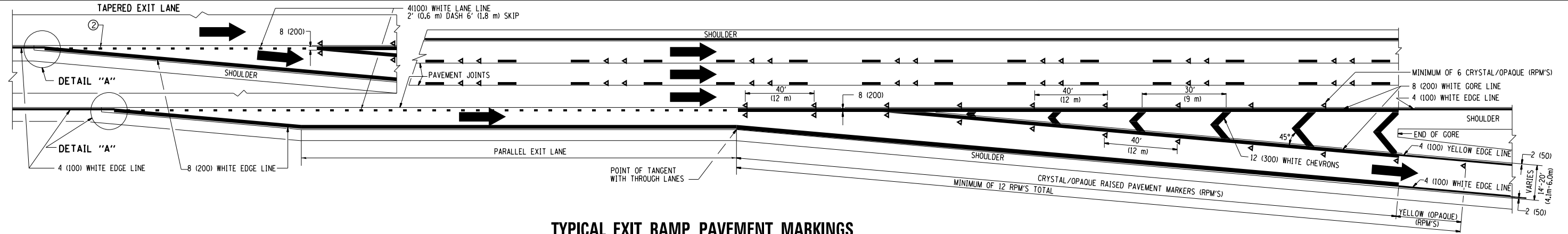
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|---|------------|--------|--------------------|-----------|
| F.A. RTE.                                       | SECTION    | COUNTY | TOTAL SHEETS       | SHEET NO. |
| 332   | 2011-225-1 | COOK   | 25                 | 19A       |
| TC-10   |            |        | CONTRACT NO. 60R90 |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |            |        |                    |           |



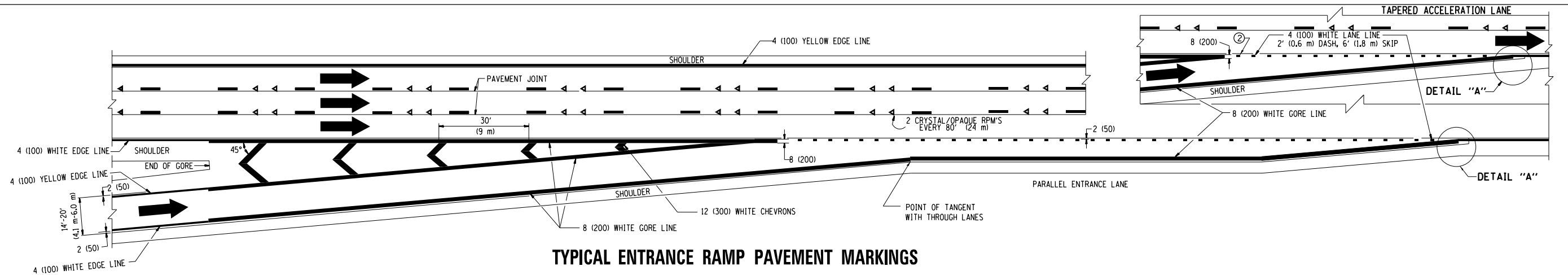
TYPICAL EDGE LINES & LANE LINES

**PAVEMENT MARKING MATERIALS**

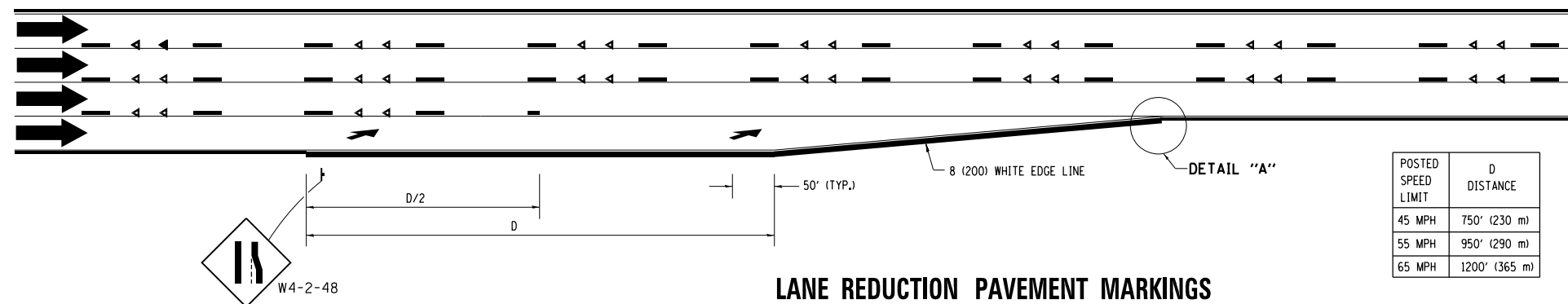
1. THERMO PLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR THE EDGE LINES, GORE LINES, AND DIAGONAL LINES ON BITUMINOUS PAVEMENT ONLY.
2. PREFORMED PLASTIC TYPE B PAVEMENT MARKING LINE SHALL BE USED FOR ALL LANE LINES ON BITUMINOUS PAVEMENT.
3. POLYUREA PAVEMENT MARKING SHALL BE USED FOR ALL MARKINGS ON PCC.



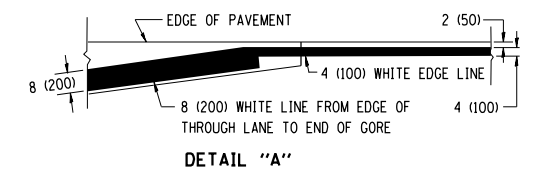
TYPICAL EXIT RAMP PAVEMENT MARKINGS



TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS



**NOTES:**

- ① THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
- ② 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

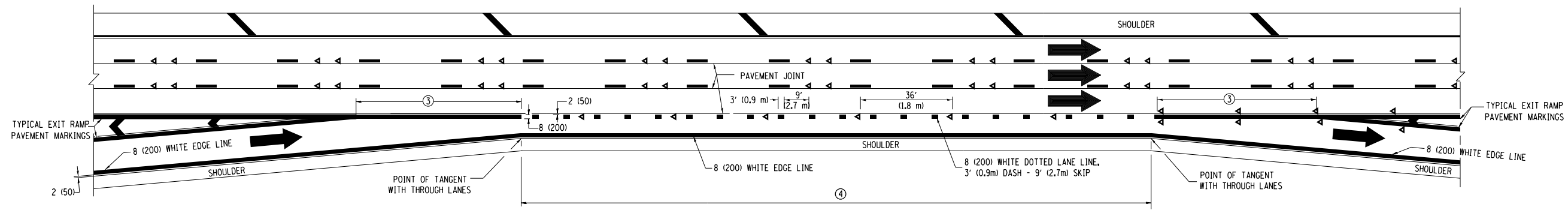
| POSTED SPEED LIMIT | D DISTANCE    |
|--------------------|---------------|
| 45 MPH             | 750' (230 m)  |
| 55 MPH             | 950' (290 m)  |
| 65 MPH             | 1200' (365 m) |

|   |                              |                   |                        |
|---|------------------------------|-------------------|------------------------|
| FILE NAME =                                   | USER NAME = windot           | DESIGNED - D.W.S. | REVISED - D.W.S. 07-96 |
| et:\pw\work\pmdot\windot\02291571\DistStd.dgn |                              | DRAWN -           | REVISED - J.A.F. 02-06 |
|   | PLOT SCALE = 100.0000' / in. | CHECKED -         | REVISED - S.P.B. 01-07 |
|   | PLOT DATE = 2/17/2012        | DATE - 01-90      | REVISED - S.P.B. 01-10 |

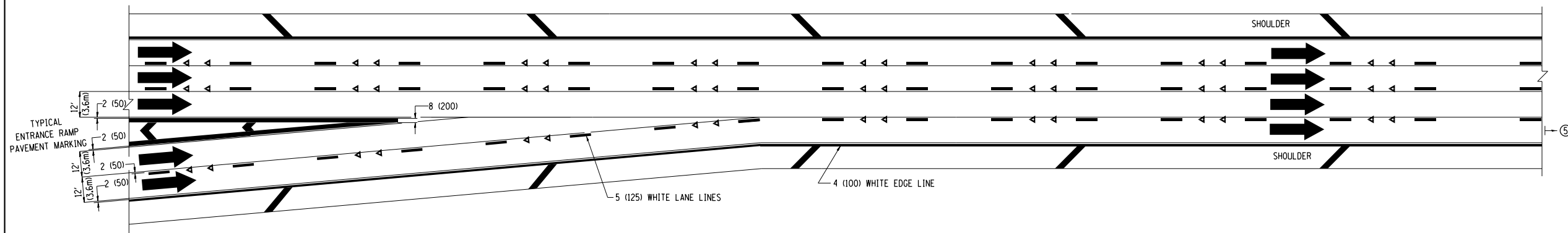
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

|  |                         |               |                    |                    |                 |              |
|--|-------------------------|---------------|--------------------|--------------------|-----------------|--------------|
| MULTI-LANE FREEWAY<br>PAVEMENT MARKING DETAILS |                         | F.A. RTE. 332 | SECTION 2011-225-1 | COUNTY COOK        | TOTAL SHEETS 25 | SHEET NO. 20 |
| SCALE: NONE                                    | SHEET NO. 1 OF 2 SHEETS | STA.          | TO STA.            | CONTRACT NO. 60R90 |                 |              |

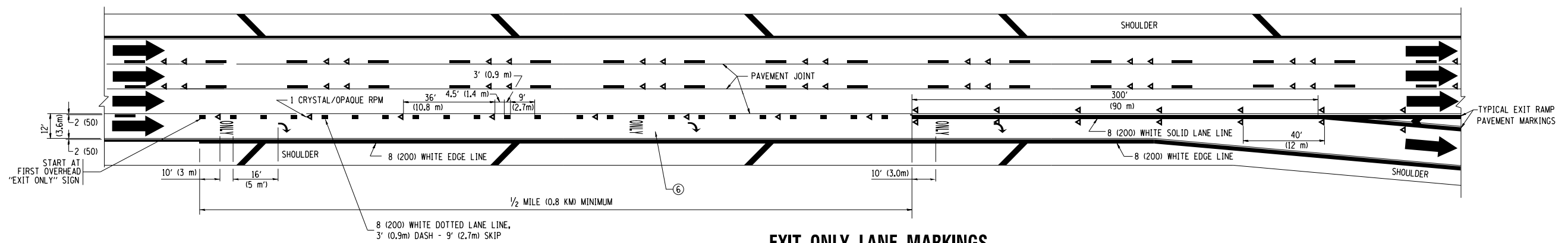
|   |                    |                    |                 |              |
|---|--------------------|--------------------|-----------------|--------------|
| F.A. RTE. 332                                   | SECTION 2011-225-1 | COUNTY COOK        | TOTAL SHEETS 25 | SHEET NO. 20 |
| TC-12   |                    | CONTRACT NO. 60R90 |                 |              |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                    |                    |                 |              |



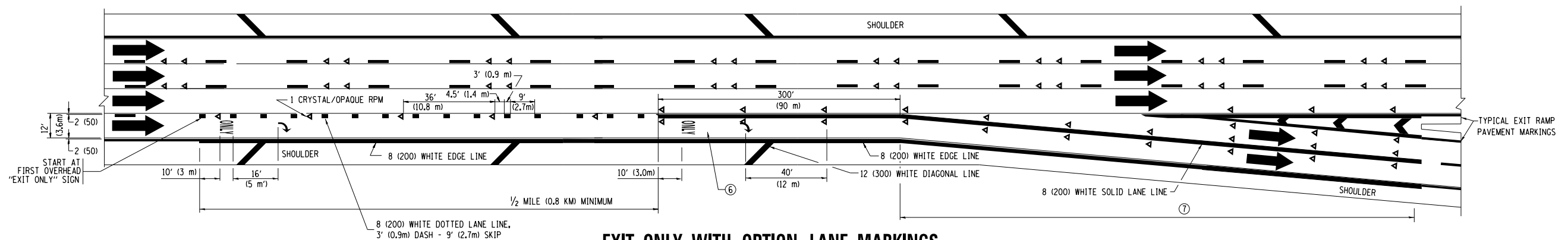
**AUXILIARY LANE MARKINGS**



**TWO LANE ENTRANCE RAMP WITH MERGE MARKINGS**



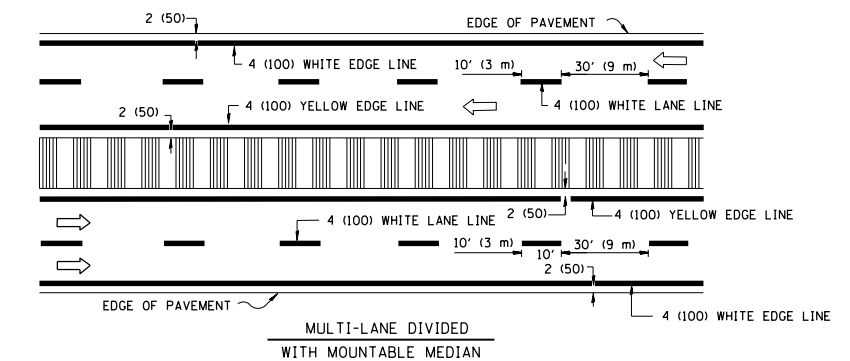
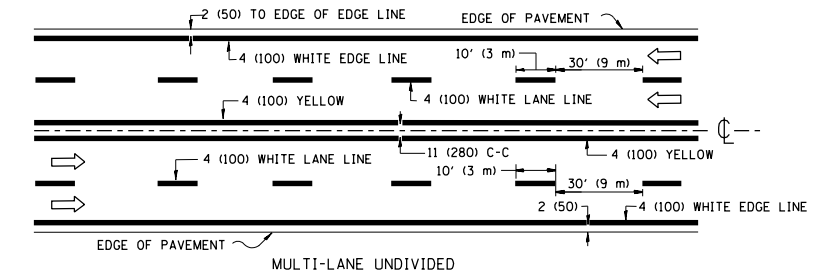
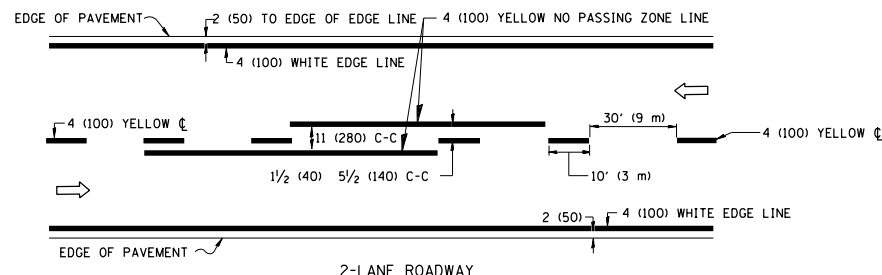
**EXIT ONLY LANE MARKINGS**



**EXIT ONLY WITH OPTION LANE MARKINGS**

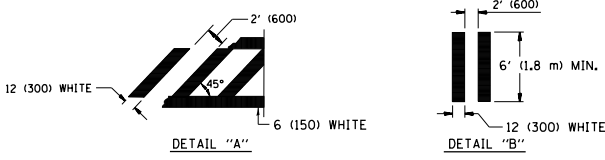
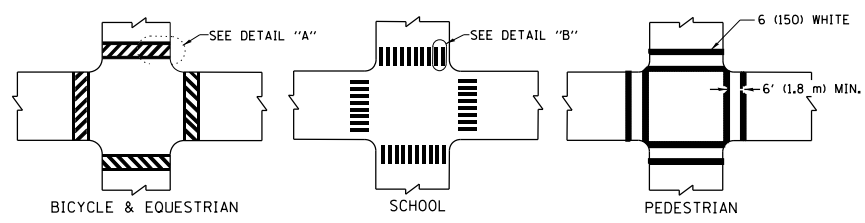
- NOTES**
- ③ OMIT WHEN LENGTH OF AUXILIARY LANE IS LESS THAN 500' (150 m).
  - ④ 8-INCH WIDE DOTTED LANE LINE MARKINGS SHALL BE USED WHEN THE LENGTH OF THE AUXILIARY LANE IS 2 MILES OR LESS.
  - ⑤ FOR TWO-LANE ENTRANCE RAMP, IF RIGHT LANE ENDS, USE TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS.
  - ⑥ ONLY AND ARROWS EQUALLY SPACED, 500' (150 m) MAXIMUM SPACING. FULL SIZE LETTERS AND ARROW SHALL BE USED.
  - ⑦ CONTINUE 8" SOLID LANE LINE THROUGH EXIT TO END OF PAVED GORE.

|   |                              |                   |                        |   |  |                         |              |                 |                      |                      |                   |                |
|---|------------------------------|-------------------|------------------------|---|--|-------------------------|--------------|-----------------|----------------------|----------------------|-------------------|----------------|
| FILE NAME =                                     | USER NAME = windet           | DESIGNED - D.W.S. | REVISED - D.W.S. 07-96 | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>MULTI-LANE FREEWAY<br/>PAVEMENT MARKING DETAILS</b> |                         |              | F.A. RTE. = 332 | SECTION = 2011-225-1 | COUNTY = COOK        | TOTAL SHEETS = 25 | SHEET NO. = 21 |
| et:\pw\work\pmdot\windet\02291571\DistStd.dgn   | PLOT SCALE = 100.0000' / in. | DRAWN -           | REVISED - J.A.F. 02-06 |   | SCALE: NONE  | SHEET NO. 2 OF 2 SHEETS | STA. TO STA. | <b>TC-12</b>    |                      | CONTRACT NO. = 60R90 |                   |                |
|   | PLOT DATE = 2/17/2012        | CHECKED -         | REVISED - S.P.B. 01-07 |   |  |                         |              |                 |                      |                      |                   |                |
|   |                              | DATE = 01-90      | REVISED - S.P.B. 01-10 |   |  |                         |              |                 |                      |                      |                   |                |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |                              |                   |                        |   |  |                         |              |                 |                      |                      |                   |                |

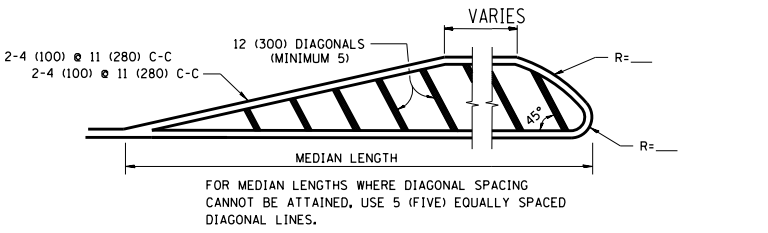
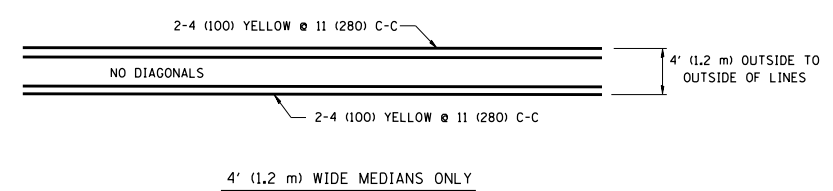


NOTE: MEDIANS WITH BARRIER CURB DO NOT REQUIRE AN EDGE LINE

**TYPICAL LANE AND EDGE LINE MARKING**

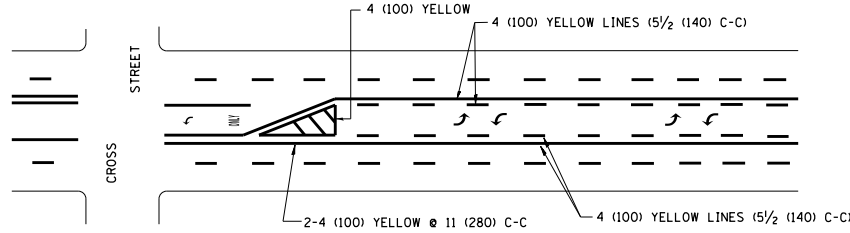


**TYPICAL CROSSWALK MARKING**

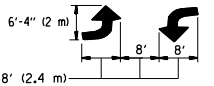


DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))  
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)  
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

**MEDIANS OVER 4' (1.2 m) WIDE**

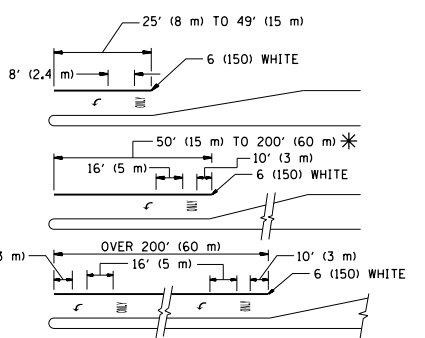


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.



**MEDIAN WITH TWO-WAY LEFT TURN LANE**

**TYPICAL PAINTED MEDIAN MARKING**

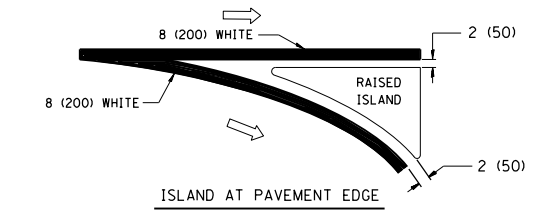
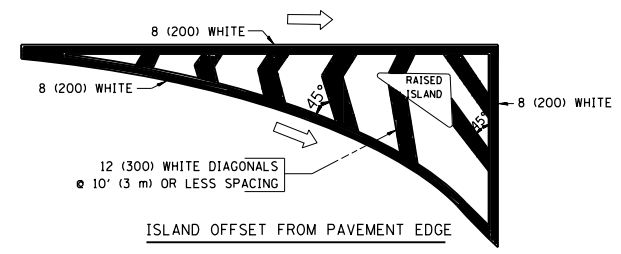


FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.  
AREA = 15.6 SQ. FT. (1.5 m<sup>2</sup>) ONLY AREA = 20.8 SQ. FT. (1.9 m<sup>2</sup>)

\* TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

**TYPICAL LEFT (OR RIGHT) TURN LANE**

**TYPICAL TURN LANE MARKING**



**TYPICAL ISLAND MARKING**

| TYPE OF MARKING   | WIDTH OF LINE  | PATTERN                      | COLOR   | SPACING / REMARKS  |
|---|--|------------------------------|---|--|
| CENTERLINE ON 2 LANE PAVEMENT   | 4 (100)  | SKIP-DASH                    | YELLOW  | 10' (3 m) LINE WITH 30' (9 m) SPACE  |
| CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT   | 2 @ 4 (100)  | SOLID                        | YELLOW  | 11 (280) C-C   |
| NO PASSING ZONE LINES: FOR ONE DIRECTION  | 4 (100)  | SOLID                        | YELLOW  | 5/2 (140) C-C FROM SKIP-DASH CENTERLINE  |
| NO PASSING ZONE LINES: FOR BOTH DIRECTIONS  | 2 @ 4 (100)  | SOLID                        | YELLOW  | 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN   |
| LANE LINES  | 4 (100)<br>5 (125) ON FREEWAYS   | SKIP-DASH<br>SKIP-DASH       | WHITE<br>WHITE  | 10' (3 m) LINE WITH 30' (9 m) SPACE  |
| DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)                                   | SAME AS LINE BEING EXTENDED  | SKIP-DASH                    | SAME AS LINE BEING EXTENDED                             | 2' (600) LINE WITH 6' (1.8 m) SPACE  |
| EDGE LINES  | 4 (100)  | SOLID                        | YELLOW-LEFT<br>WHITE-RIGHT                              | OUTLINE MOUNTABLE MEDIANS IN YELLOW; EDGE LINES ARE NOT USED NEXT TO BARRIER CURB  |
| TURN LANE MARKINGS  | 6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))                                      | SOLID                        | WHITE   | SEE TYPICAL TURN LANE MARKING DETAIL   |
| TWO WAY LEFT TURN MARKING   | 2 @ 4 (100) EACH DIRECTION<br>8' (2.4m) LEFT ARROW   | SKIP-DASH AND SOLID IN PAIRS | YELLOW<br>WHITE   | 10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5/2 (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE. SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL               |
| CROSSWALK LINES (PEDESTRIAN)<br>A. DIAGONALS (BIKE & EQUESTRIAN)<br>B. LONGITUDINAL BARS (SCHOOL) | 2 @ 6 (150)<br>12 (300) @ 45°<br>12 (300) @ 90°  | SOLID<br>SOLID<br>SOLID      | WHITE<br>WHITE<br>WHITE                                 | NOT LESS THAN 6' (1.8 m) APART<br>2' (600) APART<br>2' (600) APART<br>SEE TYPICAL CROSSWALK MARKING DETAILS.   |
| STOP LINES  | 24 (600)   | SOLID                        | WHITE   | PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| PAINTED MEDIANS   | 2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45°<br>NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS | SOLID                        | YELLOW;<br>TWO WAY TRAFFIC<br>WHITE;<br>ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE. SEE TYPICAL PAINTED MEDIAN MARKING.  |
| GORE MARKING AND CHANNELIZING LINES   | 8 (200) WITH 12 (300) DIAGONALS @ 45°  | SOLID                        | WHITE   | DIAGONALS:<br>15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h))<br>20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)<br>30' (9 m) C-C (OVER 45MPH (70 km/h))              |
| RAILROAD CROSSING   | 24 (600) TRANSVERSE LINES; "RR" 15 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"               | SOLID                        | WHITE   | SEE STATE STANDARD 780001<br>AREA OF:<br>"R"=3.6 SQ. FT. (0.33 m <sup>2</sup> ) EACH<br>"X"=54.0 SQ. FT. (5.0 m <sup>2</sup> ) EACH                                |
| SHOULDER DIAGONALS  | 12 (300) @ 45°   | SOLID                        | WHITE - RIGHT<br>YELLOW - LEFT                          | 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))<br>75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h))<br>150' (45 m) C-C (OVER 45MPH (70 km/h))                       |

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

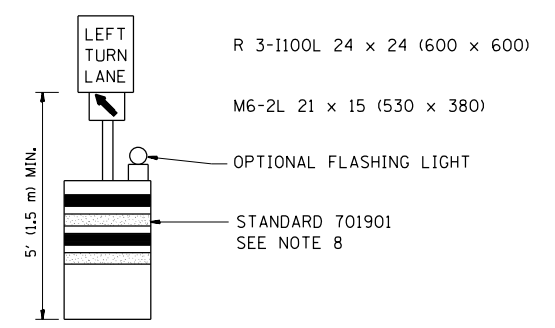
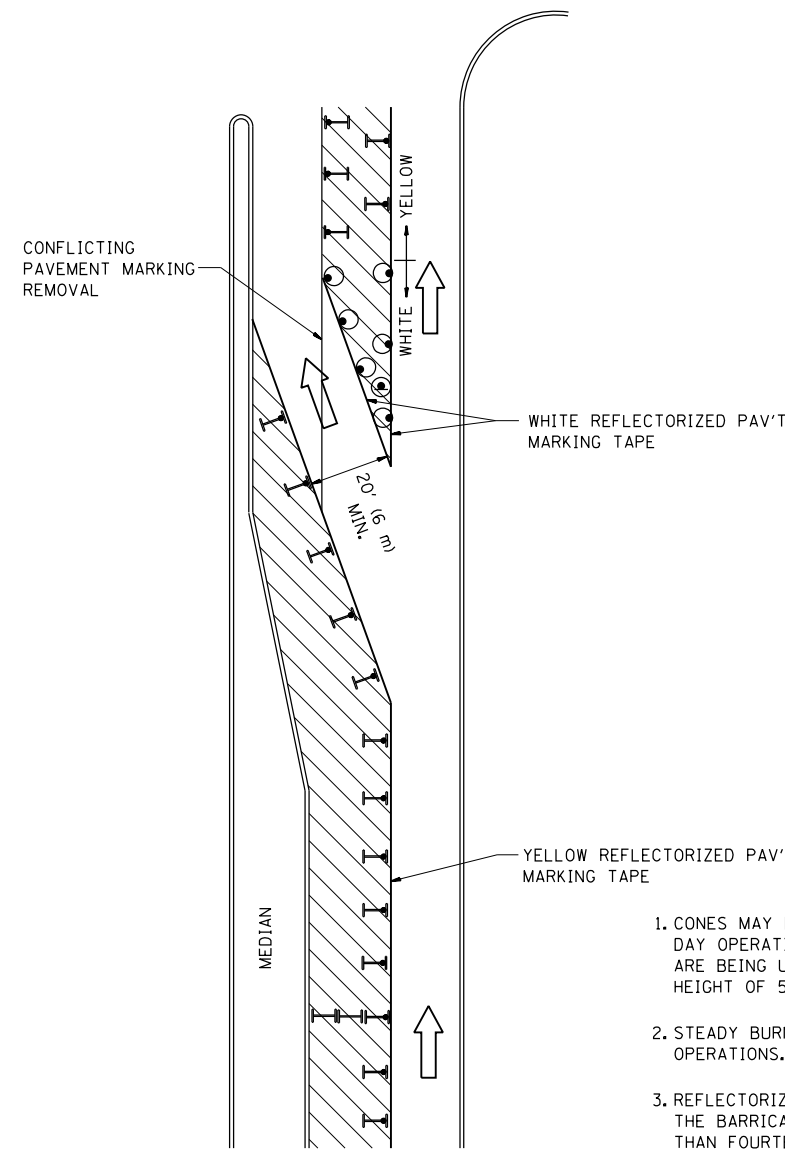
All dimensions are in inches (millimeters) unless otherwise shown.

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| FILE NAME =                                     | USER NAME = windot           | DESIGNED - EVERS | REVISED -T. RAMMACHER 10-27-94 |
| es:\pw\work\pwindot\windot\d0291571\DistStd.dgn |                              | DRAWN -          | REVISED -C. JUCIUS 09-09-09    |
|   | PLOT SCALE = 100.0000' / in. | CHECKED -        | REVISED -                      |
|   | PLOT DATE = 2/17/2012        | DATE - 03-19-90  | REVISED -                      |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

|                           |                         |      |         |
|---------------------------|-------------------------|------|---------|
| DISTRICT ONE              |                         |      |         |
| TYPICAL PAVEMENT MARKINGS |                         |      |         |
| SCALE: NONE               | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

|   |            |              |              |           |
|---|------------|--------------|--------------|-----------|
| F.A. RTE.                                       | SECTION    | COUNTY       | TOTAL SHEETS | SHEET NO. |
| 332   | 2011-225-1 | COOK         | 25           | 22        |
| TC-13   |            | CONTRACT NO. | 60R90        |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |            |              |              |           |

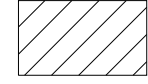







**GENERAL NOTES**

1. 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. WHEN CONES ARE BEING USED, THE "LEFT TURN LANE" SIGN MAY BE SKID MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).
2. STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
3. REFLECTORIZED TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH TURN BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.
4. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 x 24 (600 x 600) AND M6-2R 21 x 15 (530 x 380) SHALL BE USED.
5. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
6. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.
7. FORM OPER 725 IS REQUIRED.
8. IF A DRUM OR TYPE II BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 REQUIREMENTS IS NOT AVAILABLE, THE SIGNS SHALL BE MOUNTED, ABOVE THE BARRICADES, ON SEPARATE SIGNS SUPPORTS THAT MEET NCHRP 350 PREQUIREMENTS.
9. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

**LEGEND**

-  WORK AREA
-  LANE OPEN TO TRAFFIC
-  TYPE I OR II BARRICADE WITH STEADY BURN LIGHT
-  DRUM WITH STEADY BURN LIGHT
-  DRUM WITH SIGN (WITH OPTIONAL FLASHING LIGHT) SEE DETAIL
-  TYPE I OR II CHECK BARRICADE WITH FLASHING LIGHT

|  |                              |                                |                            |
|--|------------------------------|--------------------------------|----------------------------|
| FILE NAME =                            | USER NAME = windet           | REVISED -T. RAMMACHER 09-08-94 | REVISED - R. BORO 09-14-09 |
| et:\pw\work\windet\0291571\DistStd.dgn |                              | REVISED - A. HOUSEH 11-07-95   | REVISED -                  |
|  | PLOT SCALE = 100.0000' / in. | REVISED - A. HOUSEH 10-12-96   | REVISED -                  |
|  | PLOT DATE = 2/17/2012        | REVISED -T. RAMMACHER 01-06-00 | REVISED -                  |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

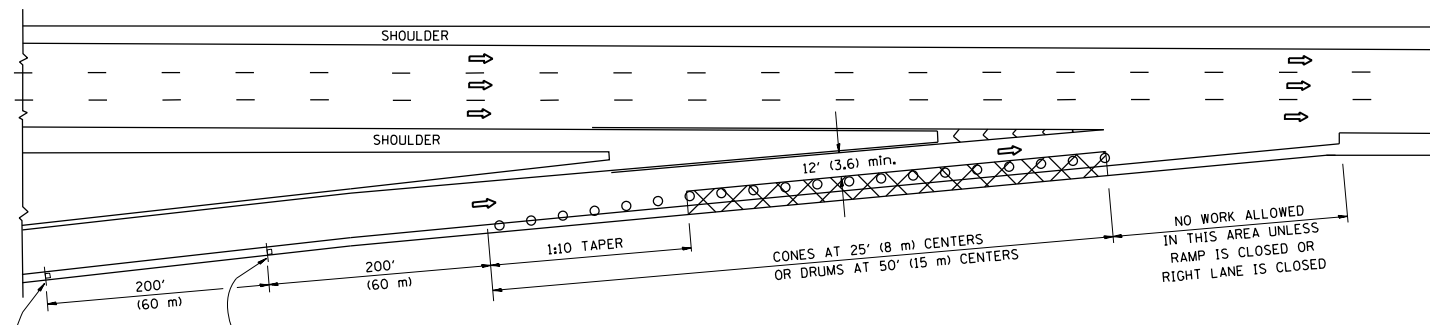
| TRAFFIC CONTROL AND PROTECTION AT TURN BAYS<br>(TO REMAIN OPEN TO TRAFFIC) |                         |      |         |
|--|-------------------------|------|---------|
| SCALE: NONE  | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA. |

| F.A. RTE.                                       | SECTION    | COUNTY       | TOTAL SHEETS | SHEET NO. |
|---|------------|--------------|--------------|-----------|
| 332   | 2011-225-1 | COOK         | 25           | 23        |
| TC-14   |            | CONTRACT NO. | 60R90        |           |
| FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |            |              |              |           |

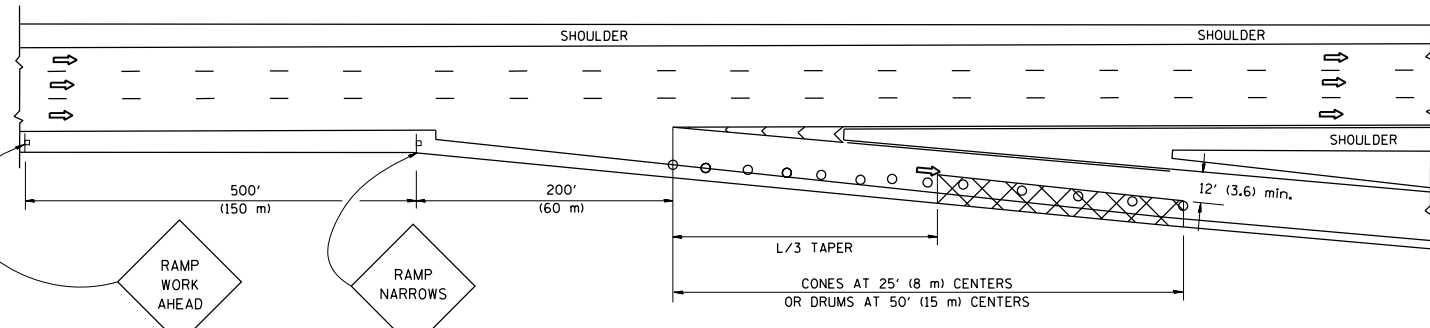


PARTIAL RAMP CLOSURE DETAILS

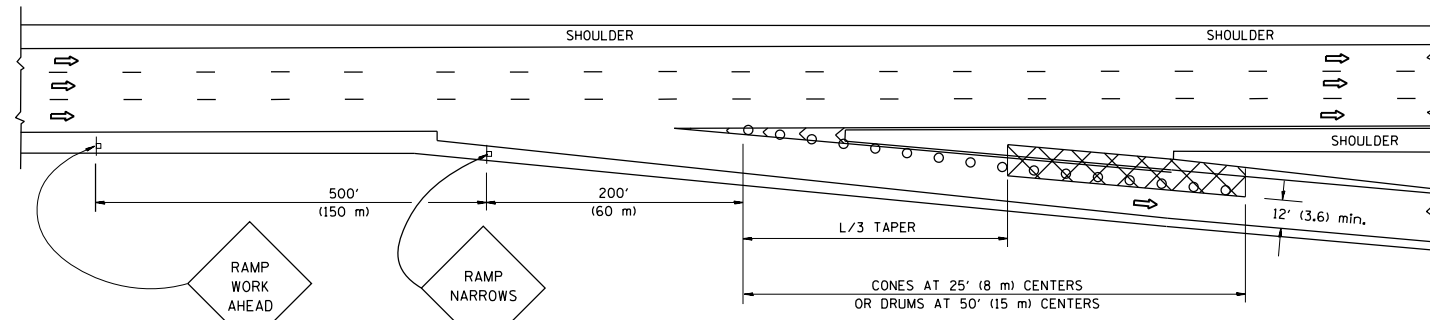
SHOULDER CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

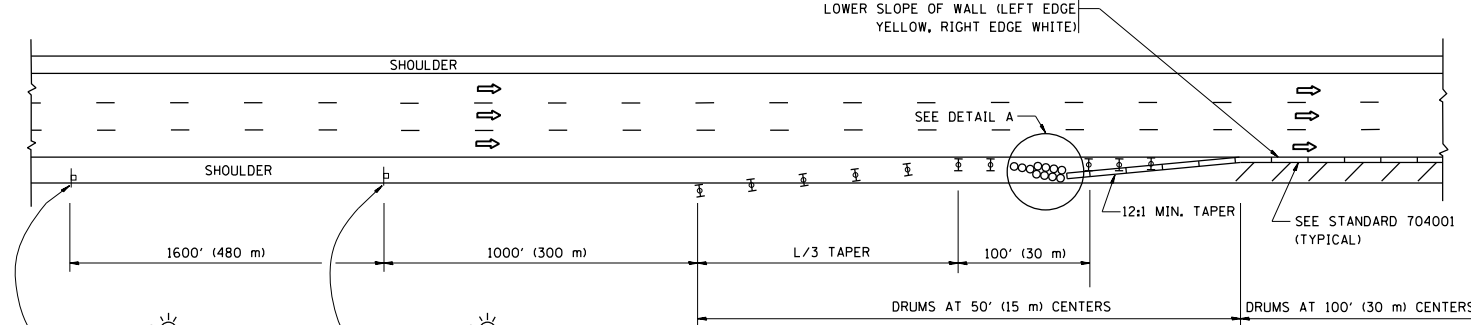
SYMBOLS

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

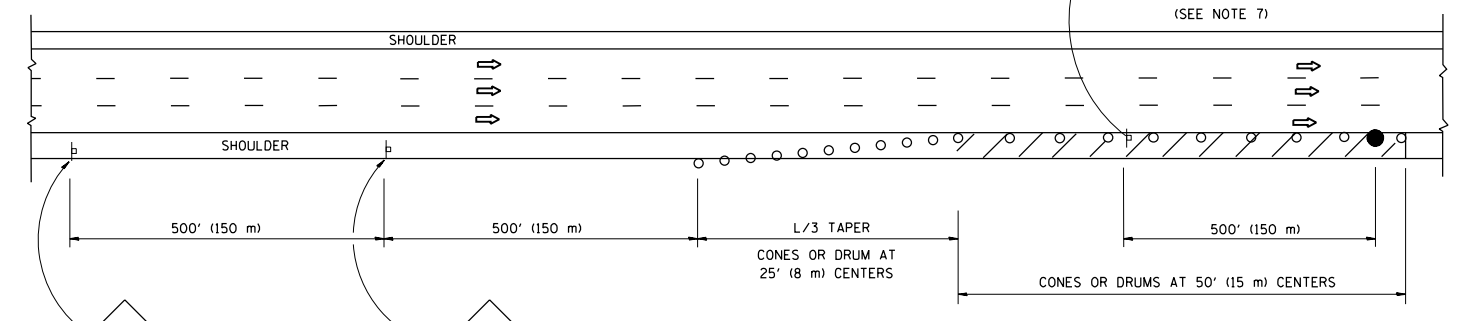
GENERAL NOTES

1. THE "L" DISTANCE EQUALS:
 

|                                      |   |
|--------------------------------------|---|
| SPEED LIMIT                          | FORMULAS                                |
| 45 mph (80 km/h) OR GREATER:         | METRIC ENGLISH<br>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.



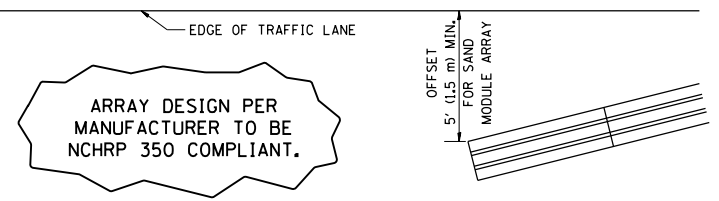
PERMANENT SHOULDER CLOSURE



DAYTIME SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:

1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCROACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.

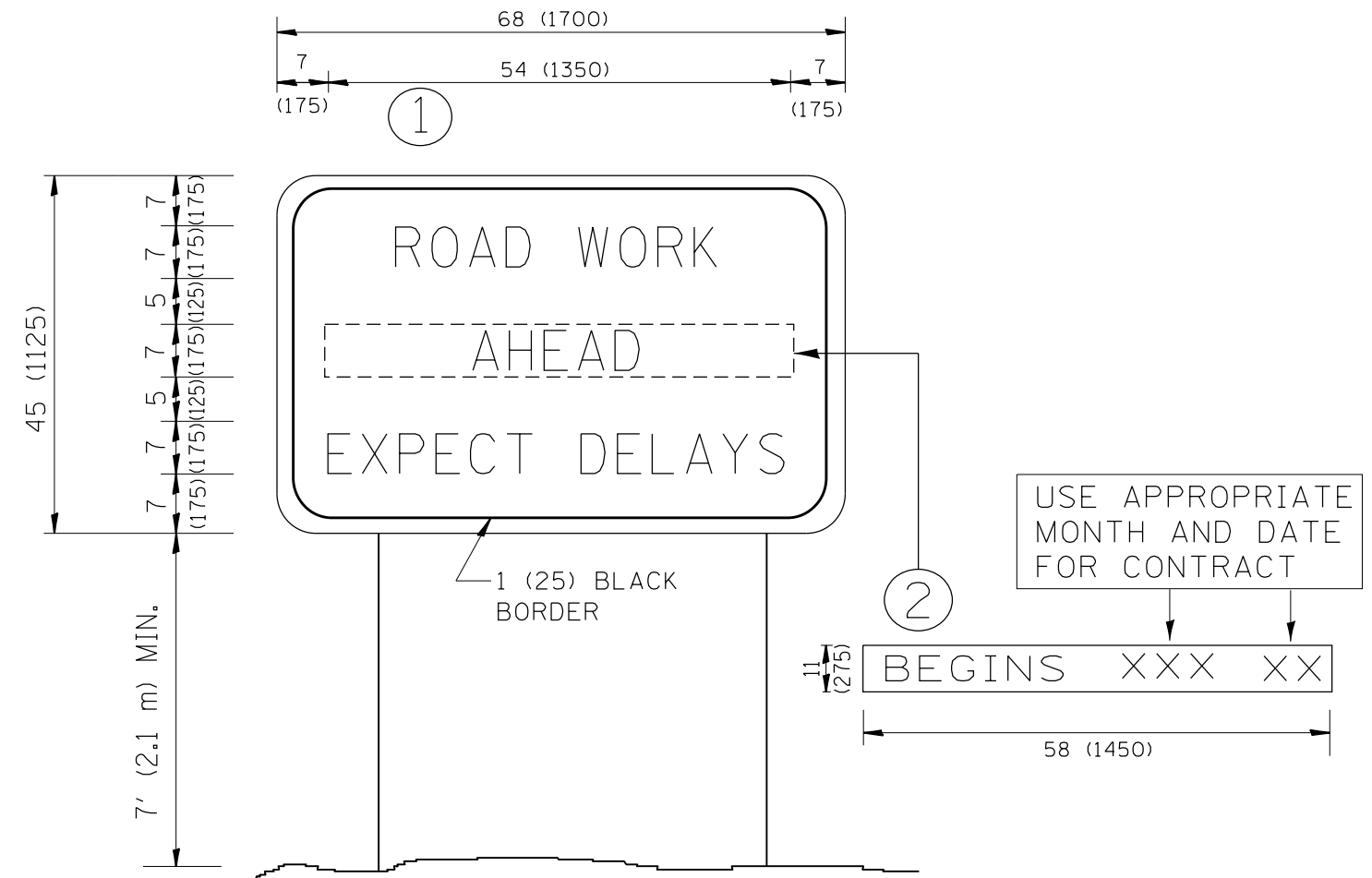


DETAIL "A"  
IMPACT ATTENUATOR, TEMPORARY  
(SEE NOTE 5)

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 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 AVTIVITY 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.

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

|   |                              |                |                        |   |  |                         |                     |   |         |        |              |           |
|---|------------------------------|----------------|------------------------|---|--|-------------------------|---------------------|---|---------|--------|--------------|-----------|
| FILE NAME =                                   | USER NAME = windot           | DESIGNED -     | REVISED - 04-03        | <b>STATE OF ILLINOIS<br/>DEPARTMENT OF TRANSPORTATION</b> | <b>TRAFFIC CONTROL DETAILS FOR FREEWAY<br/>SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES</b> |                         |                     | F.A. RTE.                                       | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| et:\pw\work\windot\windot\0291571\DistStd.dgn |                              | DRAWN - D.W.S. | REVISED - J.A.F. 12-06 |   | 332  | 2011-225-1              | COOK                | 25  | 24      |        |              |           |
|   | PLOT SCALE = 100.0000' / in. | CHECKED -      | REVISED - S.P.B. 01-07 |   | <b>TC-17</b>   |                         | <b>CONTRACT NO.</b> |   | 60R90   |        |              |           |
|   | PLOT DATE = 2/17/2012        | DATE - 11-96   | REVISED - S.P.B. 12-09 |   | SCALE: NONE  | SHEET NO. 1 OF 1 SHEETS | STA. TO STA.        | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT |         |        |              |           |



**NOTES:**

1. USE BLACK LETTERING ON ORANGE BACKGROUND.
2. ERECT SIGNS IN ADVANCE OF THE LOCATION FOR THE "ROAD CONSTRUCTION AHEAD" SIGN AT LOCATIONS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② ONE WEEK PRIOR TO THE START OF CONSTRUCTION.
4. REMOVE PANEL ② SOON AFTER THE START OF CONSTRUCTION.
5. SEE SPECIAL PROVISION FOR "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. ONE SIGN ASSEMBLY EQUALS 25.70 SQ. FT. (2.3 SQ. M.)
7. SHALL BE PAID FOR AS TEMPORARY INFORMATION SIGNING.

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

|  |                              |            |                                 |
|--|------------------------------|------------|---------------------------------|
| FILE NAME =                                    | USER NAME = windot           | DESIGNED - | REVISED - R. MIRS 09-15-97      |
| et:\pw\work\windot\windot\d0291571\DistStd.dgn |                              | DRAWN -    | REVISED - R. MIRS 12-11-97      |
|  | PLOT SCALE = 100.0000' / in. | CHECKED -  | REVISED - T. RAMMACHER 02-02-99 |
|  | PLOT DATE = 2/17/2012        | DATE -     | REVISED - C. JUCIUS 01-31-07    |

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ARTERIAL ROAD  
INFORMATION SIGN**

SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.

|   |            |                    |              |           |
|---|------------|--------------------|--------------|-----------|
| F.A. RTE.   | SECTION    | COUNTY             | TOTAL SHEETS | SHEET NO. |
| 332   | 2011-225-1 | COOK               | 25           | 25        |
| TC-22   |            | CONTRACT NO. 60R90 |              |           |
| FED. ROAD DIST. NO. 1   ILLINOIS FED. AID PROJECT |            |                    |              |           |