

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------|----------|----------|--------------------|-----------|
| 71 | (15)RS-3 | DEWITT | 15 | 1 |
| | | ILLINOIS | CONTRACT NO. 70F65 | |

FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 3

PROPOSED HIGHWAY PLANS

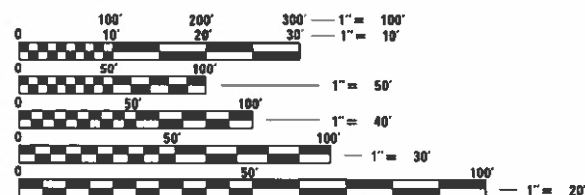
FAP ROUTE 71 / (IL 54)
SECTION (15)RS-3
STANDARD OVERLAY FROM 1450E AT
BIRKBECK TO 1.0 MILE EAST
DEWITT COUNTY

C-95-026-22

| CURRENT TRAFFIC DATA | | | | |
|---------------------------|---|------|------|------|
| FAP RTE. 71 / (IL 54) | | | | |
| | ADT (2022) | PV % | SU % | MJ % |
| LEG "A" | = 1,750 | 84.5 | 8.6 | 6.9 |
| TRAFFIC DATA LOCATIONS | | | | |
| LEG "A" | = FAP 71 (IL 54) FROM BIRKBECK RD TO 1 MILE EAST IN DEWITT COUNTY | | | |
| FUNCTIONAL CLASSIFICATION | | | | |
| MINOR ARTERIAL (RURAL) | | | | |

DESIGN DESIGNATION
N/A

TOWNSHIP: HARP

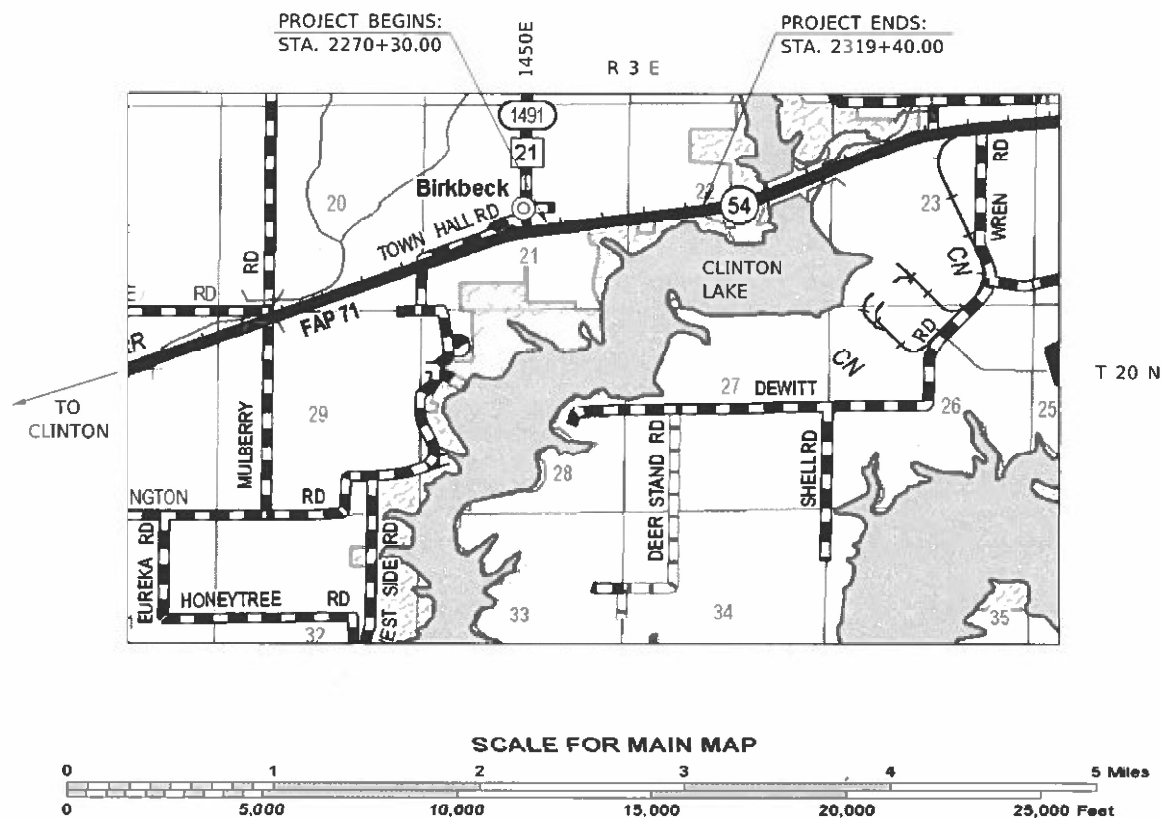


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

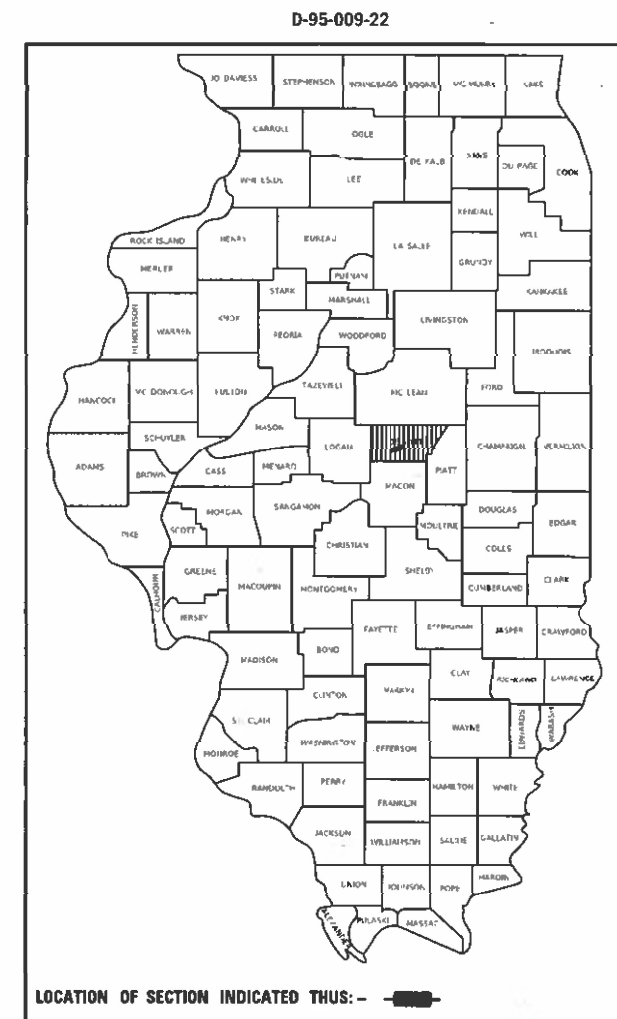
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS
1-800-892-0123
OR 811

PROJECT ENGINEER: JASON STULTS
SQUAD LEADER: GREG EAGLIN
PROJECT DESIGNER: STEVEN WOOD
PHONE: 217-465-4181

CONTRACT NO. 70F65



GROSS LENGTH = 4910.00 FT. = 0.930 MILE
NET LENGTH = 4910.00 FT. = 0.930 MILE



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 1/25 2022
Kenneth A. Kammethsen
REGIONAL ENGINEER

March 25 2022
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

March 25 2022
Stephen M. Laska
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

| <u>SHEET NO.</u> | <u>DESCRIPTION</u> |
|------------------|---|
| 1 | COVER SHEET |
| 2 | INDEX OF SHEETS |
| 2 | LIST OF HIGHWAY STANDARDS |
| 2 | GENERAL NOTES |
| 3 | SUMMARY OF QUANTITIES |
| 4-5 | EXISTING AND PROPOSED TYPICAL CROSS SECTIONS |
| 6 | SCHEDULE OF QUANTITIES |
| 7-11 | PLAN SHEETS |
| 12-15 | DETAIL FOR PAVEMENT MARKING AND MARKINGS (RURAL & URBAN TYPICAL APPLICATIONS) |

LIST OF HIGHWAY STANDARDS

| <u>STANDARD NO.</u> | <u>NAME OF STANDARD</u> |
|---------------------|---|
| 000001-08 | STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS |
| 001006 | DECIMAL OF AN INCH AND OF A FOOT |
| 701301-04 | LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS |
| 701306-04 | LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH |
| 701311-03 | LANE CLOSURE 2L, 2W MOVING OPERATIONS-DAY ONLY |
| 701901-08 | TRAFFIC CONTROL DEVICES |
| 780001-05 | TYPICAL PAVEMENT MARKINGS |
| 781001-04 | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS |

GENERAL NOTES

G.N.-100A
ELECTRONIC FILES AND/OR ELECTRONIC SURVEY INFORMATION INCLUDING CADD FILES WILL NOT BE AVAILABLE TO THE CONTRACTOR.

G.N. - 406H
THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

| | |
|----------------------------|---------------------|
| LOCATION | IL 54 |
| MIXTURE USE | SURFACE MAINLINE |
| AC/PG | PG 64-22 |
| DESIGN AIR VOIDS | 4.0% @ Ndes=50 |
| MIX COMP(GRADATION) | IL 9.5 |
| FRICTION AGGREGATE | MIX "C" |
| MIXTURE WEIGHT | 112 |
| QUALITY MANAGEMENT PROGRAM | QC/QA |
| SUBLOT SIZE | N.A. |
| MATERIAL TRANSFER DEVICE | NO |

G.N.-703A
SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE PAVEMENT AFTER ANY OF THE FOLLOWING: PAVEMENT MARKING REMOVAL, COLD MILLING AND/OR PLACING BITUMINOUS MATERIALS (TACK COAT), AND BINDER & SURFACE COURSES. SHORT TERM PAVEMENT MARKING PLACED ON THE SURFACE, SHALL COINCIDE WITH THE FINAL PAVEMENT STRIPING. SHORT TERM PAVEMENT MARKING PLACED PRIOR TO THE SURFACE SHALL COINCIDE WITH THE EXISTING PAVEMENT MARKINGS. USE 4 FEET PER 40 FEET (OR 10% PER STATION).

G.N. - 781
THE FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING THE RAISED REFLECTIVE PAVEMENT MARKERS.

COMMITMENTS

THERE ARE NO COMMITMENTS FOR THIS CONTRACT.

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, LIST OF HIGHWAY
STANDARDS, GENERAL NOTES**

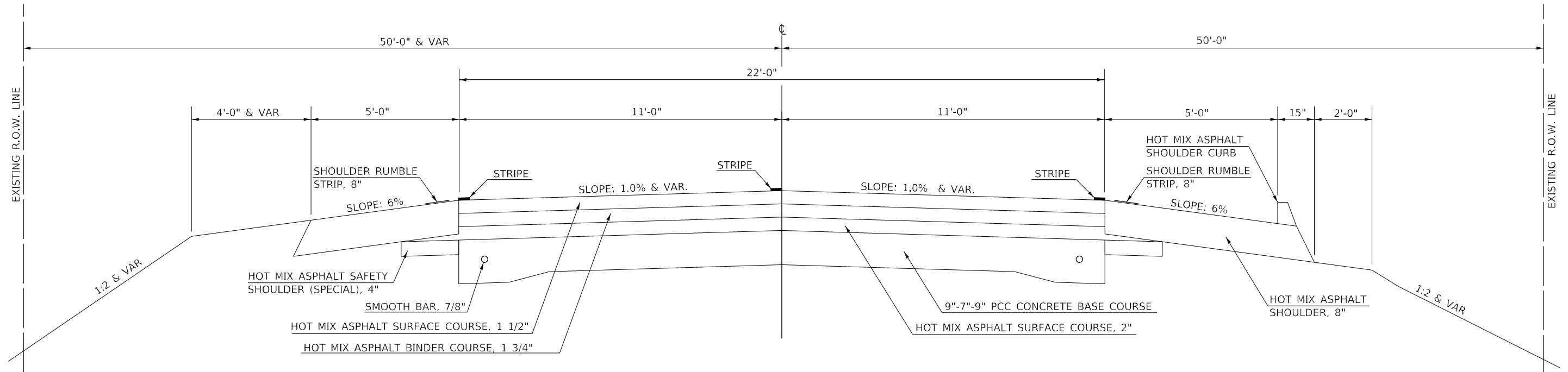
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|---------|--------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 2 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

| | | |
|------------------------------|------------|-----------|
| USER NAME = wwoodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

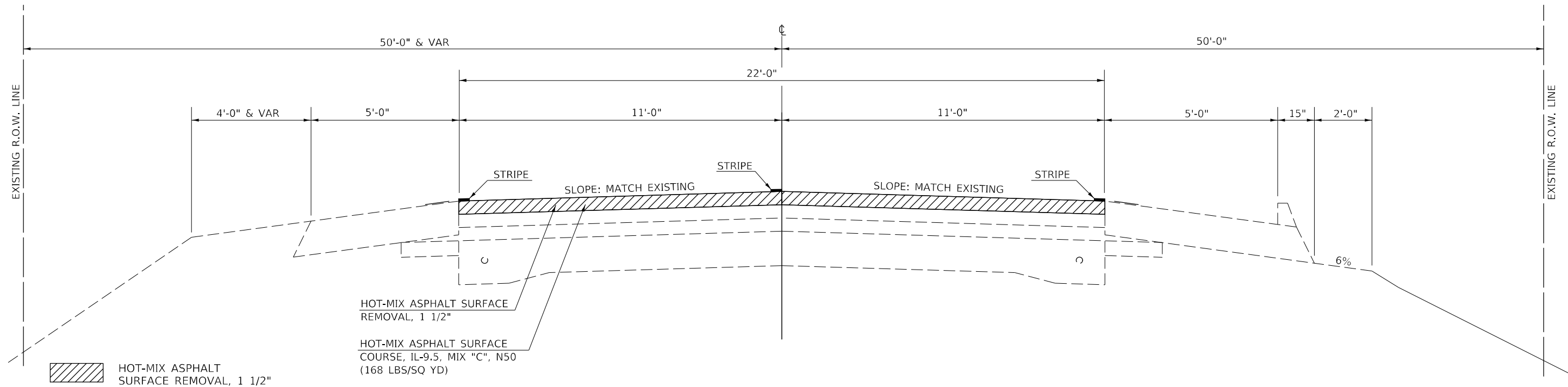
Ⓐ EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 2270+30.00 2285+42.50 Ⓑ
 Ⓑ 2315+07.50 2319+40.00



Ⓛ PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 2270+30.00 2285+42.50 Ⓛ
 Ⓛ 2315+07.50 2319+40.00



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| | | |
|------------------------------|------------|-----------|
| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

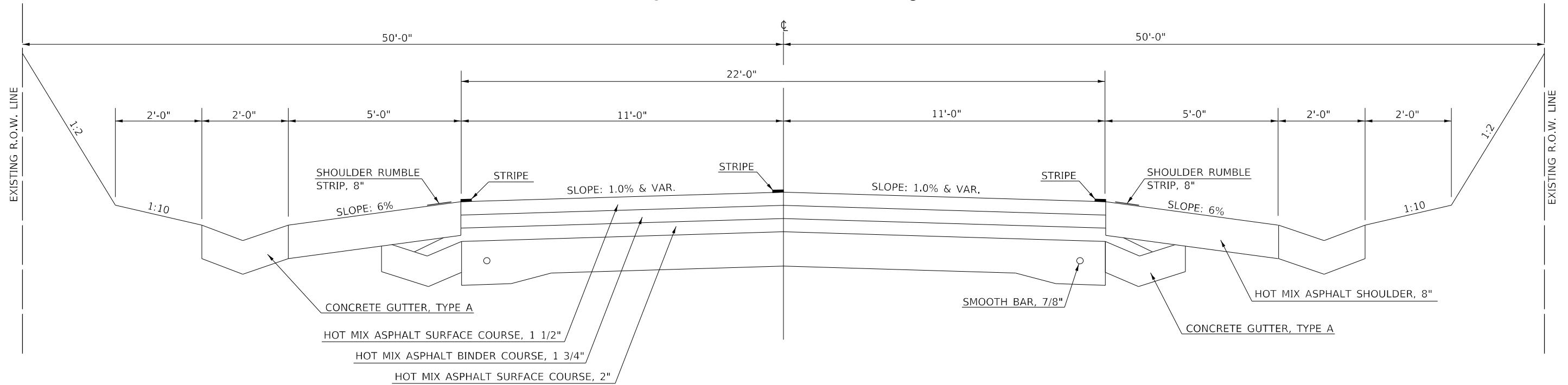
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | |
|------------------------------|---------|-------------|--------------|
| TYPICAL CROSS SECTION | | | |
| SCALE: | SHEET 1 | OF 2 SHEETS | STA. TO STA. |

| | | | | |
|--------------------|----------|---------|---------------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 4 |
| CONTRACT NO. 70F65 | | | ILLINOIS FED. AID PROJECT | |

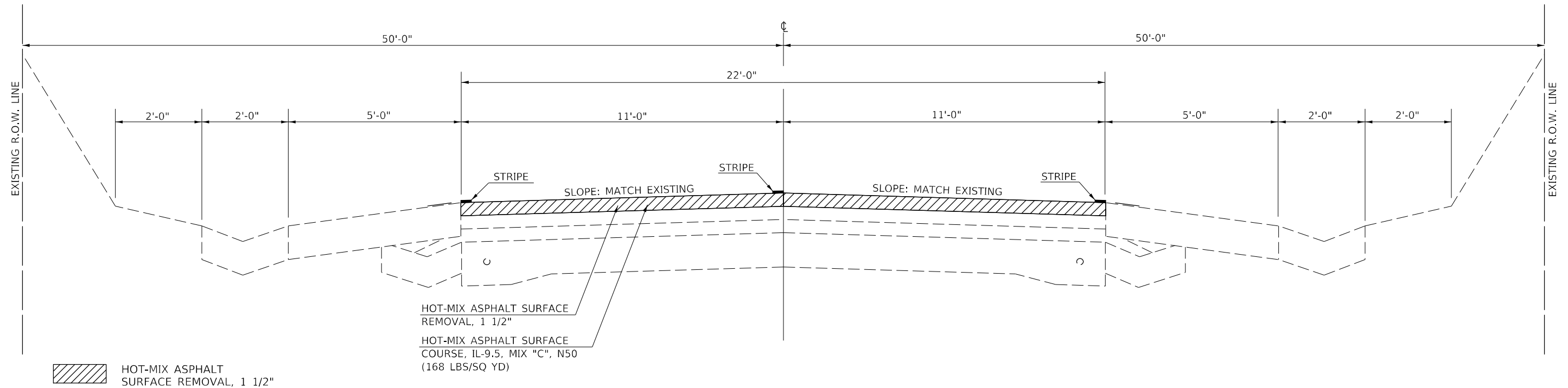
(B) EXISTING TYPICAL CROSS SECTION

STATION TO STATION
 (A) 2285+42.50 (A) 2315+07.50 (A)



(2) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION
 (1) 2285+42.50 (1) 2315+07.50 (1)



HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"

HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"
 HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50 (168 LBS/SQ YD)

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| | | |
|------------------------------|------------|-----------|
| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

| | | | |
|------------------------------|---------|------|---------|
| TYPICAL CROSS SECTION | | | |
| SCALE: | SHEET 2 | OF 2 | SHEETS |
| | STA. | | TO STA. |

| | | | | |
|---------------------------|----------|---------|--------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 5 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |

SCHEDULE OF QUANTITIES

40600990 TEMPORARY RAMP

| LOCATION | | | STATION | TO | STATION | DROP (INCH) | LENGTH (FT) | WIDTH (FT) | QUANTITY (SQ YD) | CONSTRUCT AFTER: |
|----------|-----|-------|------------|----|------------|-------------|-------------|------------|------------------|------------------|
| E.B. | RT. | IL 54 | 2270+30.00 | | 2270+35.00 | 1.50 | 5.00 | 11.00 | 6.11 | MILLING |
| E.B. | RT. | IL 54 | 2319+35.00 | | 2319+40.00 | 1.50 | 5.00 | 11.00 | 6.11 | MILLING |
| W.B. | LT. | IL 54 | 2270+30.00 | | 2270+35.00 | 1.50 | 5.00 | 11.00 | 6.11 | MILLING |
| W.B. | LT. | IL 54 | 2319+35.00 | | 2319+40.00 | 1.50 | 5.00 | 11.00 | 6.11 | MILLING |
| TOTAL = | | | | | | | | | 24.44 | |
| USE = | | | | | | | | | 25.00 | |
| | | | | | | | | | | SQ YD |

78001110 PAINT PAVEMENT MARKING - LINE 4"

| LOCATION | | | STATION | TO | STATION | 78001110 QUANTITY (FT) | COLOR |
|----------|-----|-----------|------------|----|------------|------------------------|--------|
| E.B. | CL. | SKIP DASH | 2270+30.00 | | 2294+40.00 | 610.00 | YELLOW |
| E.B. | CL. | NO PASS | 2270+30.00 | | 2272+30.00 | 200.00 | YELLOW |
| E.B. | CL. | NO PASS | 2285+30.00 | | 2300+30.00 | 1,500.00 | YELLOW |
| E.B. | CL. | SKIP DASH | 2300+30.00 | | 2306+90.00 | 170.00 | YELLOW |
| E.B. | CL. | NO PASS | 2306+90.00 | | 2319+40.00 | 1,250.00 | YELLOW |
| W.B. | CL. | NO PASS | 2275+30.00 | | 2282+30.00 | 700.00 | YELLOW |
| W.B. | CL. | NO PASS | 2294+40.00 | | 2319+40.00 | 2,500.00 | YELLOW |
| E.B. | RT. | EOF | 2270+30.00 | | 2319+40.00 | 4,910.00 | WHITE |
| W.B. | LT. | EOF | 2270+30.00 | | 2319+40.00 | 4,910.00 | WHITE |
| TOTAL = | | | | | | 16,750.00 | |
| USE = | | | | | | 16,750.00 | |

HOT-MIX ASPHALT SCHEDULE

| LOCATION | STATION | TO | STATION | LENGTH (FT) | AVERAGE WIDTH (FT) | AREA (SQ YD) | HMA SURFACE THICKNESS (INCHES) | 44000155 HMA SURFACE REMOVAL, 1-1/2" (SQ YD) | 40600290 BITUMINOUS MATERIAL TACK COAT (POUND) | 40604050 HOT-MIX ASPHALT IL 9.5, MIX "C", N50 (TON) | |
|----------|---------|----|------------|-------------|--------------------|--------------|--------------------------------|--|--|---|-----|
| E.B. | IL 54 | | 2270+30.00 | 2319+40.00 | 4,910.00 | 11.00 | 6,001.11 | 1.5 | 6,001.11 | 2,700.50 | |
| W.B. | IL 54 | | 2270+30.00 | 2319+40.00 | 4,910.00 | 11.00 | 6,001.11 | 1.5 | 6,001.11 | 2,700.50 | |
| TOTAL = | | | | | | | | 12,002.22 | 5,401.00 | 1,008.19 | |
| USE = | | | | | | | | 12,003.00 | 5,401.00 | 1,009.00 | |
| | | | | | | | | | SQ YD | POUND | TON |

70300100 SHORT TERM PAVEMENT MARKING

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

| LOCATION | STATION | TO | STATION | 70300100 QUANTITY (FT) | APPLY AFTER | COLOR | 70300150 QUANTITY (SQ FT) |
|----------|---------|-----------|------------|------------------------|-------------|-----------------------|---------------------------|
| E.B. | IL 54 | SKIP-DASH | 2270+30.00 | 2319+40.00 | 984.00 | MILLING & HMA SURFACE | YELLOW |
| | | | | TOTAL = | 984.00 | | TOTAL = |
| | | | | USE = | 984.00 | | USE = |
| | | | | | | FT | |
| | | | | | | | SQ FT |

NOTE:
SHORT TERM PAVEMENT MARKINGS WILL BE REMOVED FROM THE FINAL SURFACE ONLY.

78100100 RAISED REFLECTIVE PAVEMENT MARKER

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

| LOCATION | STATION | TO | STATION | LENGTH (FT) | 78100100 TWO-WAY AMBER QUANTITY (EACH) | 78300200 RRP REMOVAL QUANTITY (EACH) |
|----------|---------|----------------|------------|-------------|--|--------------------------------------|
| IL 54 | C.L. | SKIP DASH | 2270+30.00 | 2294+40.00 | 2410.00 | 32.00 |
| IL 54 | C.L. | DOUBLE NO PASS | 2294+40.00 | 2300+30.00 | 590.00 | 18.00 |
| IL 54 | C.L. | SKIP DASH | 2300+30.00 | 2306+90.00 | 660.00 | 10.00 |
| IL 54 | C.L. | DOUBLE NO PASS | 2306+90.00 | 2319+40.00 | 1250.00 | 34.00 |
| TOTAL = | | | | | 94.00 | 68.00 |
| | | | | | EACH | EACH |

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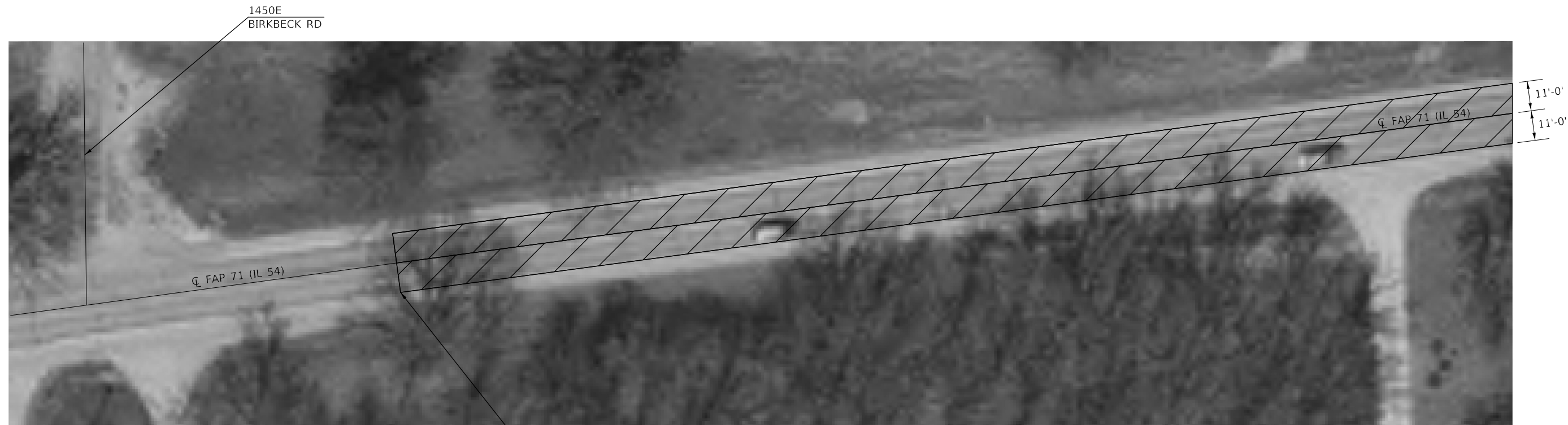
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| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

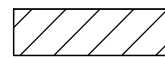
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

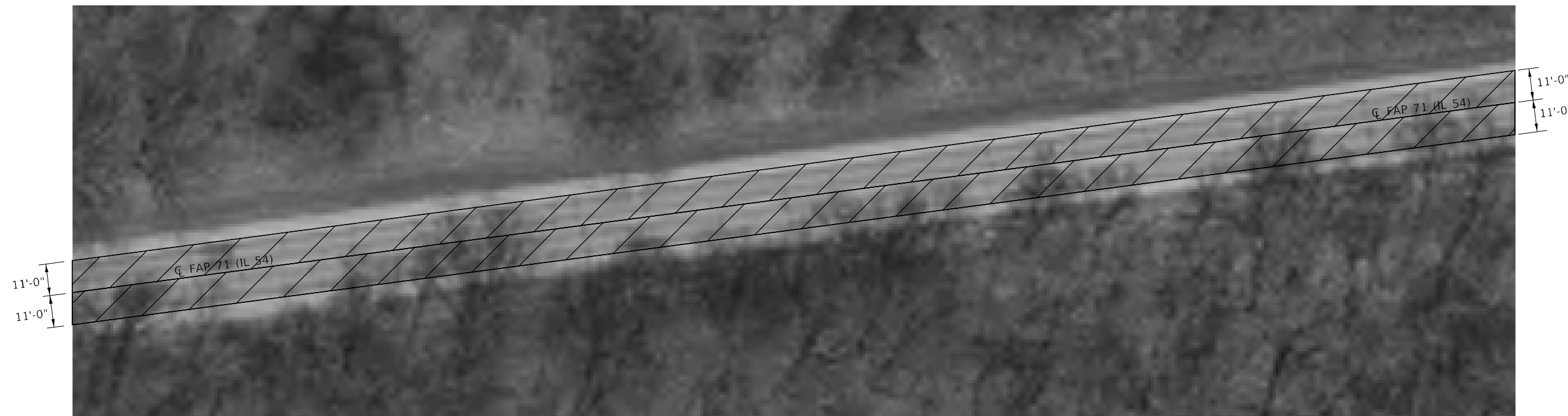
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 6 |
| | | | CONTRACT NO. 70F65 | |
| | | ILLINOIS FED. AID PROJECT | | |




 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL

PROJECT LIMITS BEGIN:
STA 2270+30.00

NOT TO SCALE



 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL

NOT TO SCALE

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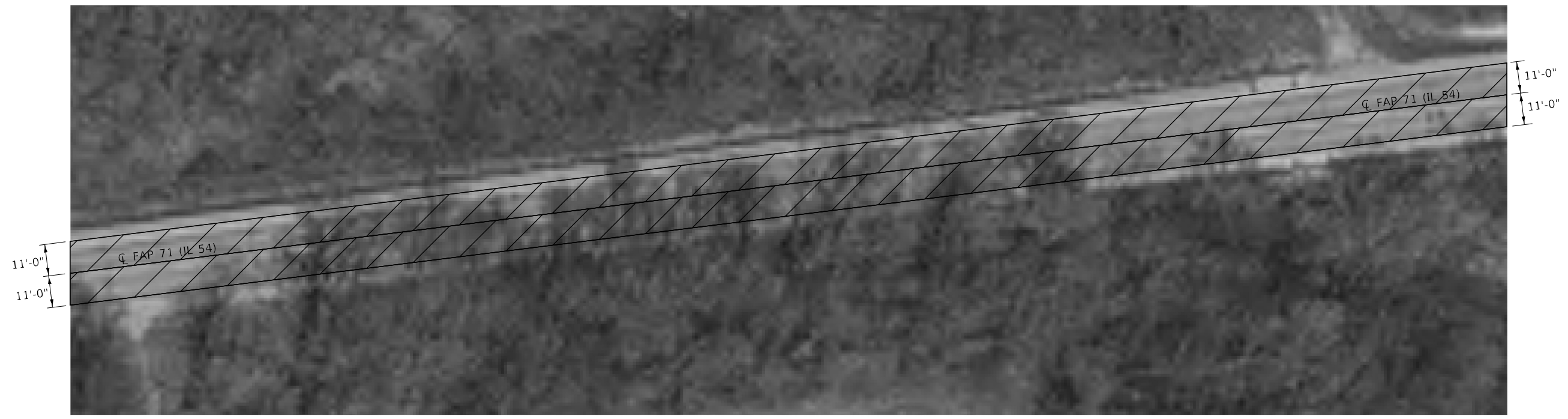
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| | DRAWN - | REVISED - |
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| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

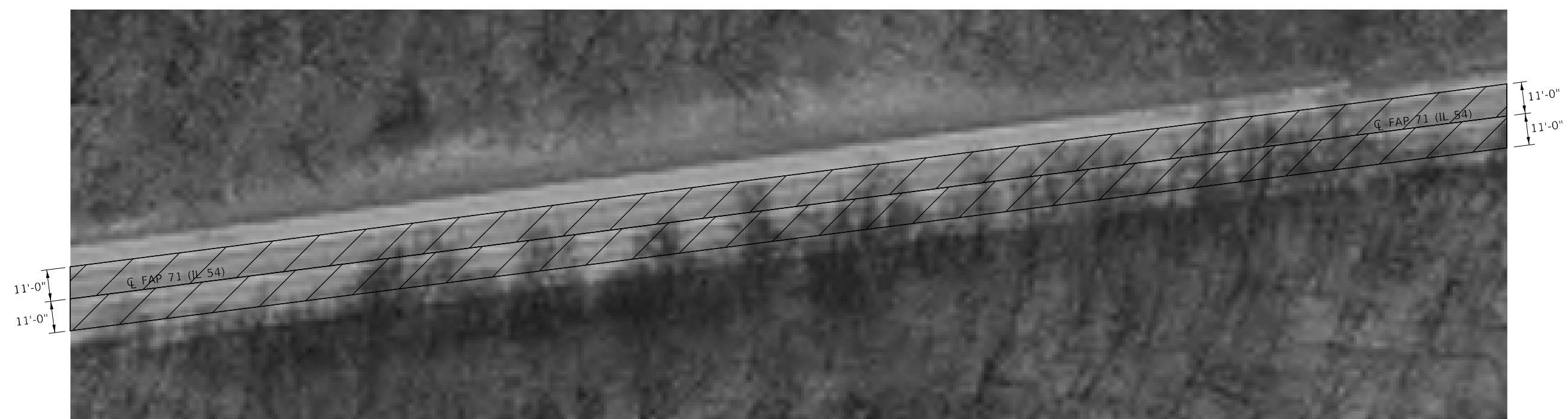
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| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|---------|--------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 7 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



1 1/2" HOT MIX ASPHALT
SURFACE REMOVAL

NOT TO SCALE



1 1/2" HOT MIX ASPHALT
SURFACE REMOVAL

NOT TO SCALE

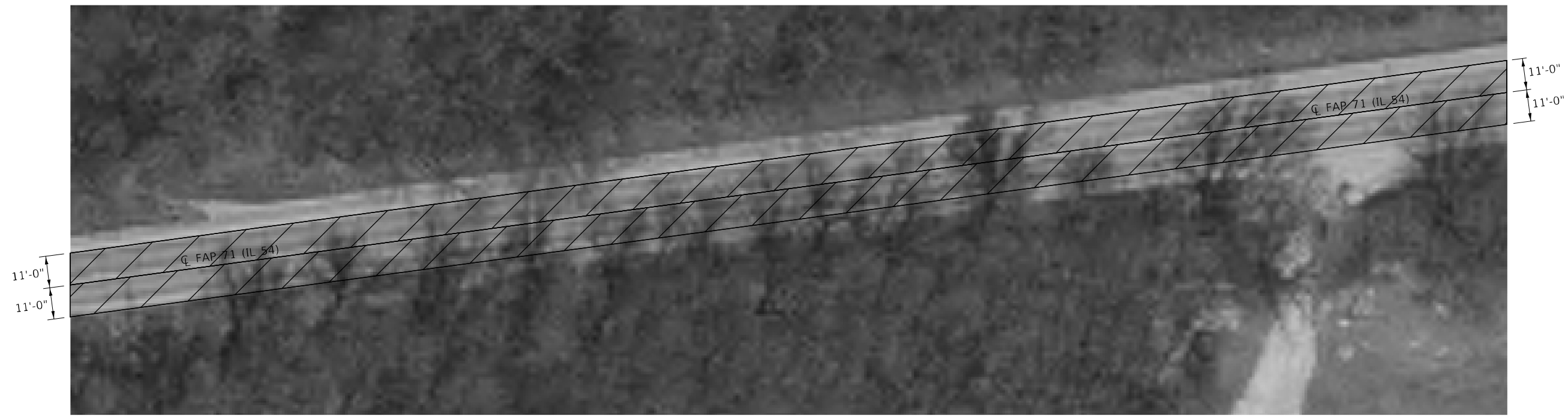
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| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

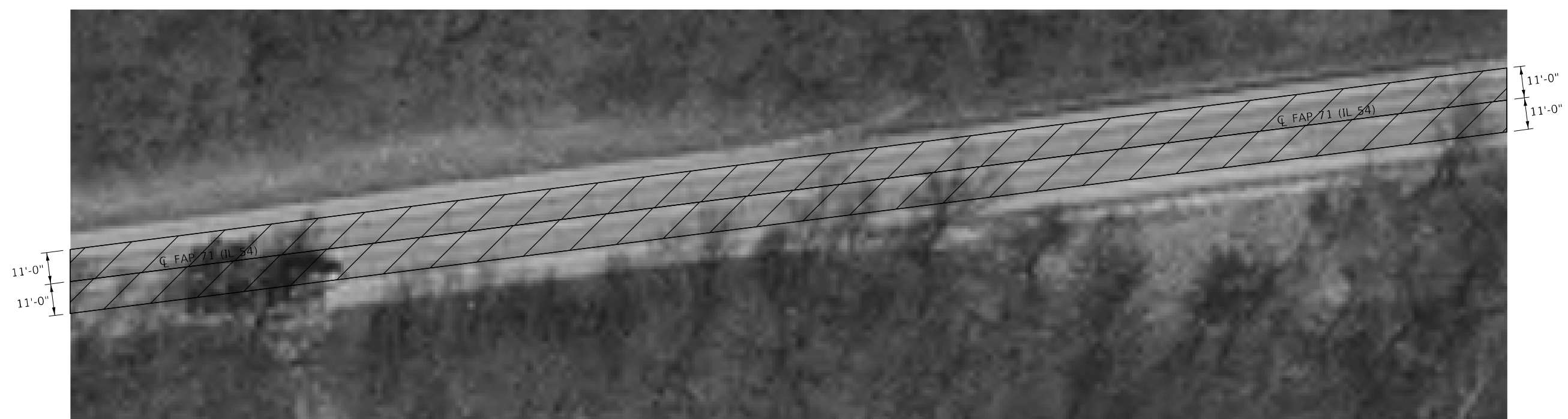
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| PLAN SHEETS | | | |
| SCALE: | SHEET 2 | OF 5 SHEETS | STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|---------|---------------------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 8 |
| CONTRACT NO. 70F65 | | | ILLINOIS FED. AID PROJECT | |



1 1/2" HOT MIX ASPHALT
SURFACE REMOVAL

NOT TO SCALE



1 1/2" HOT MIX ASPHALT
SURFACE REMOVAL

NOT TO SCALE

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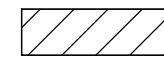
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| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

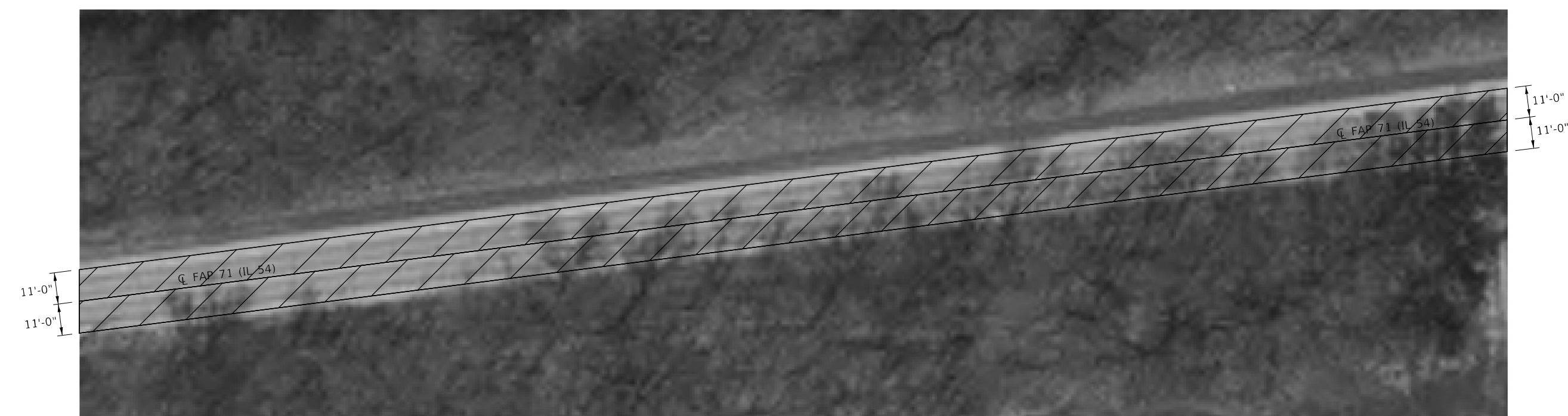
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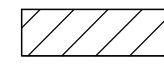
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|---------------------------|----------|---------|--------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 9 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL

NOT TO SCALE



 1 1/2" HOT MIX ASPHALT SURFACE REMOVAL

NOT TO SCALE

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| | | |
|------------------------------|------------|-----------|
| USER NAME = woodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

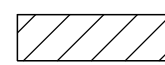
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN SHEETS

SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|---------|--------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 10 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |




 1 1/2" HOT MIX ASPHALT
 SURFACE REMOVAL

NOT TO SCALE

PROJECT LIMITS END:
STA 2319+40.00

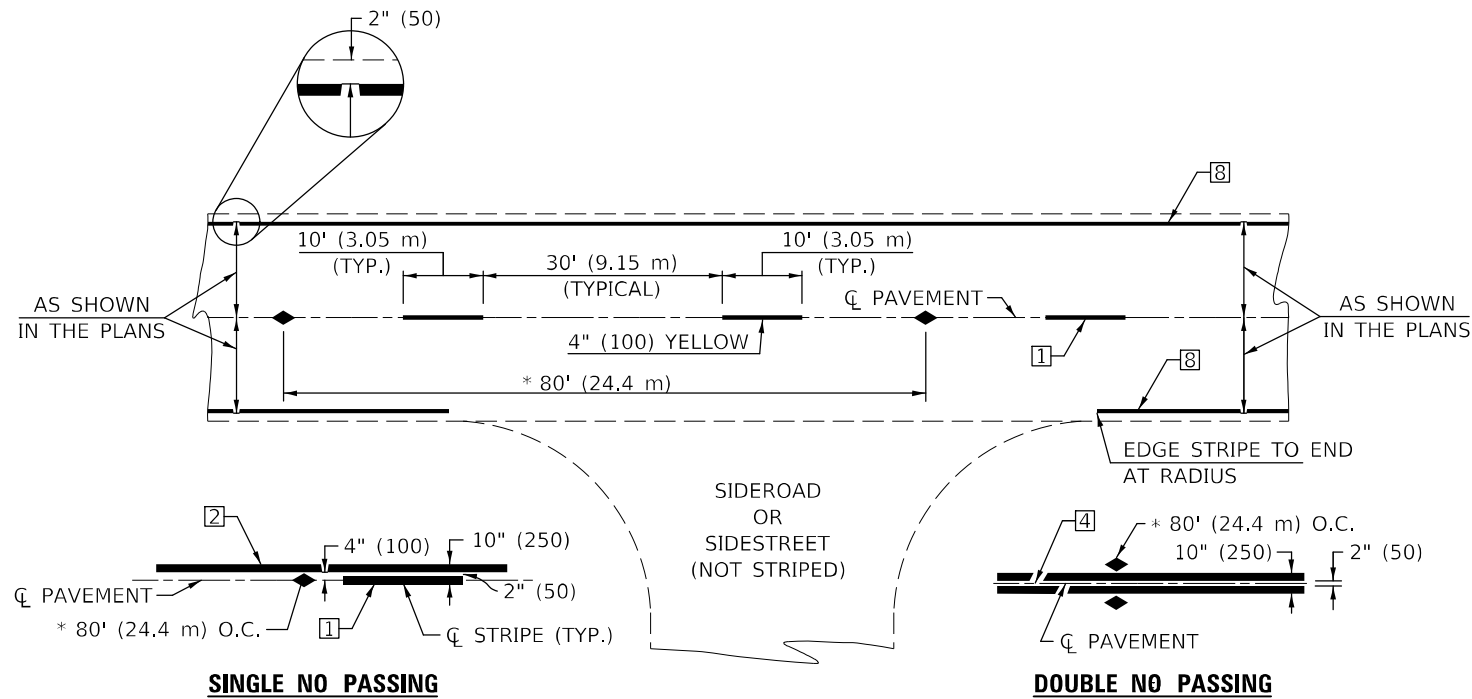
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| | | |
|------------------------------|------------|-----------|
| USER NAME = vwoodst | DESIGNED - | REVISED - |
| | DRAWN - | REVISED - |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - |

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | |
|--------------------|---------|-------------|--------------|
| PLAN SHEETS | | | |
| SCALE: | SHEET 5 | OF 5 SHEETS | STA. TO STA. |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|----------|---------|---------------------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 11 |
| CONTRACT NO. 70F65 | | | ILLINOIS FED. AID PROJECT | |



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

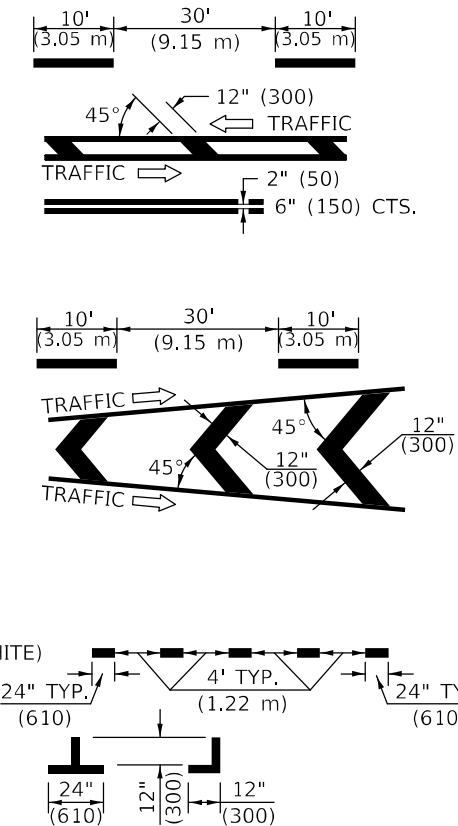
TWO LANE/TWO WAY

TYPICAL PAVEMENT MARKING LEGEND

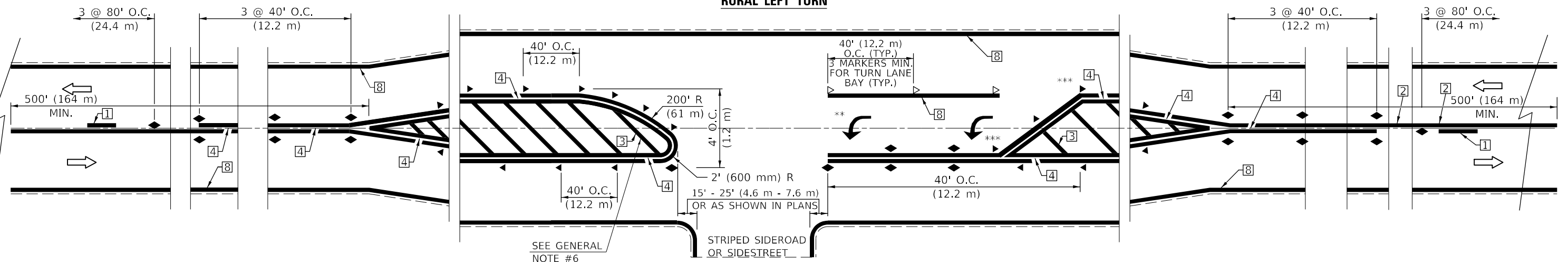
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER



RURAL LEFT TURN



*** REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.
 ** TURN ARROWS SHALL BE PLACED AS SHOWN ON SHEET #2.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: I:\MODEL MARKS FILE: MARKS_PAVEMENT.PLA; User: jba; Date: 1/25/2022 10:05:58 AM; Path: C:\Users\jba\AppData\Local\Temp\1\DOT Office\Drawings\15070655\CAD\Drawings\15070655-Detail.dwg

| | | |
|-----------------------------|------------|---------------------|
| USER NAME = woodst | DESIGNED - | REVISD - 11/06 |
| | DRAWN - | REVISD - 9/2009 KJT |
| PLOT SCALE = 40,0000 */ in. | CHECKED - | REVISD - 04/14 JLA |
| PLOT DATE = 1/25/2022 | DATE - | REVISD - 3/2019 SWN |

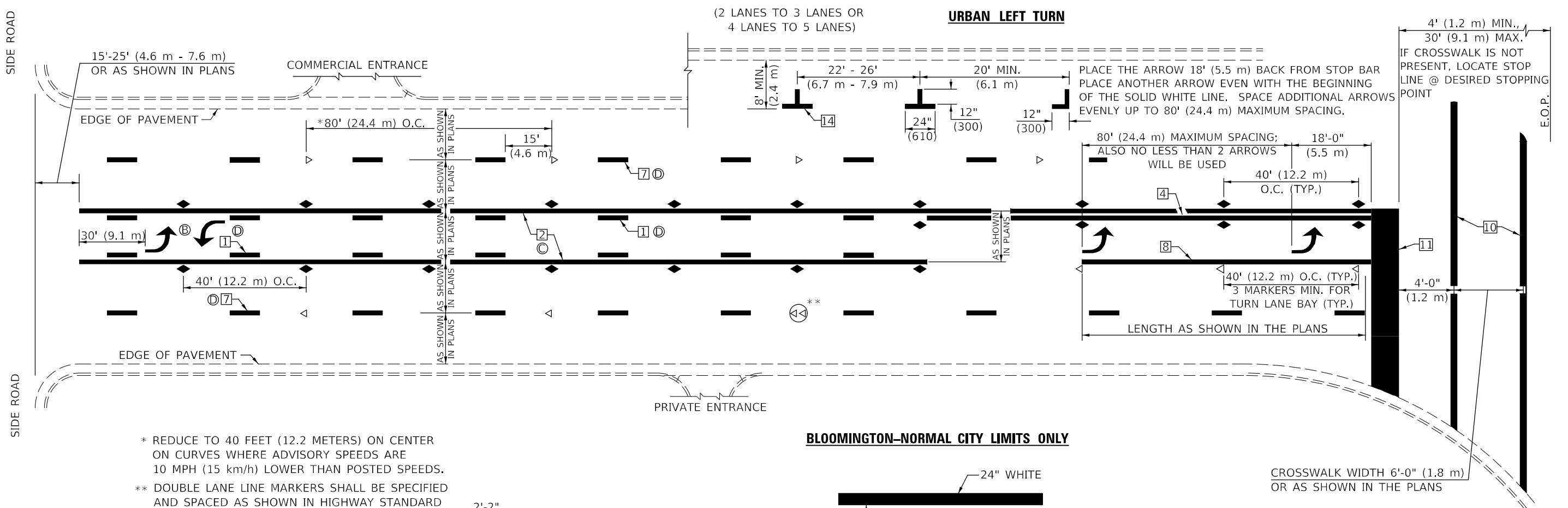
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA

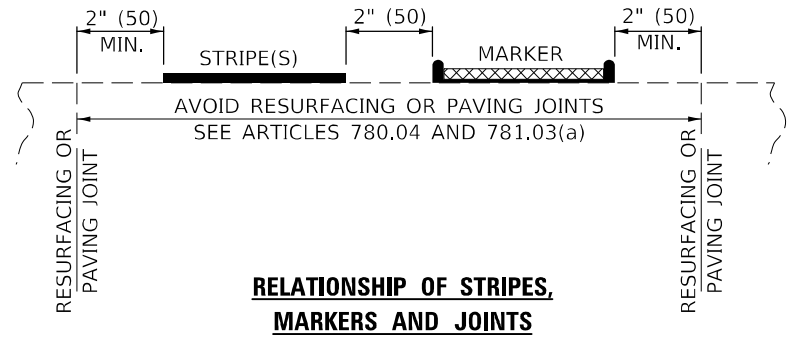
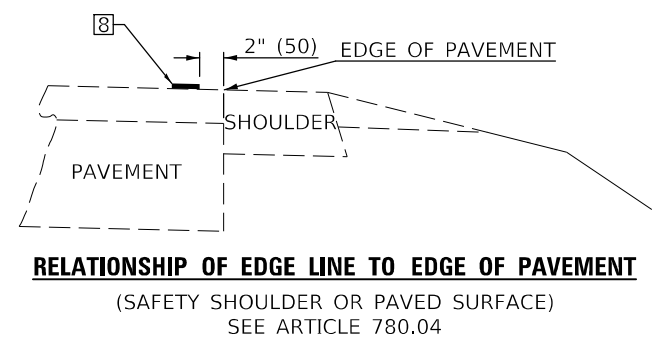
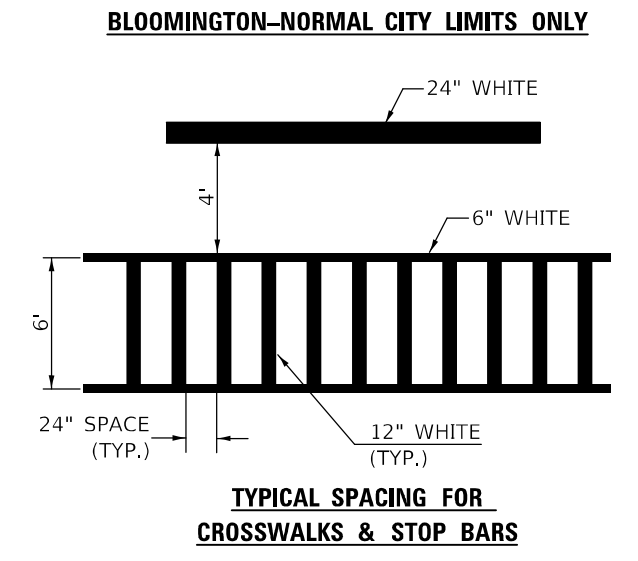
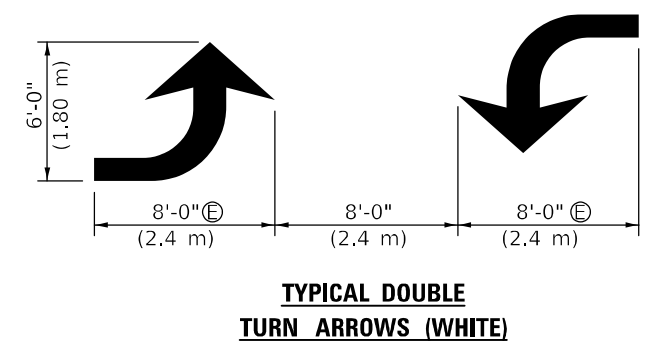
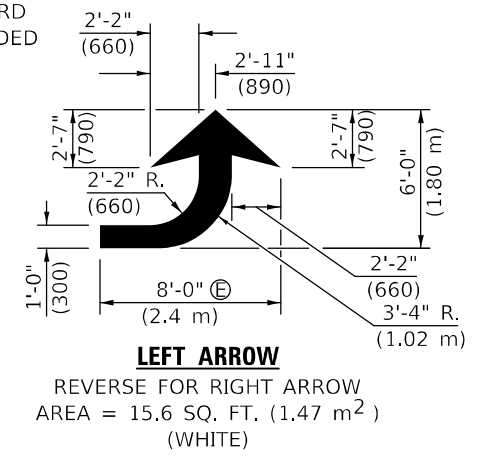
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|----------|---------|--------------|-----------|
| 71 | (15)RS-3 | DE WITT | 15 | 12 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |



* REDUCE TO 40 FEET (12.2 METERS) ON CENTER ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.

** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

- GENERAL NOTES:**
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
 - ⓒ THE SOLID YELLOW PAVEMENT MARKINGS ② SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
 - ⓓ THE SKIP-DASH PAVEMENT MARKINGS ① OR ⑦ SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
 - ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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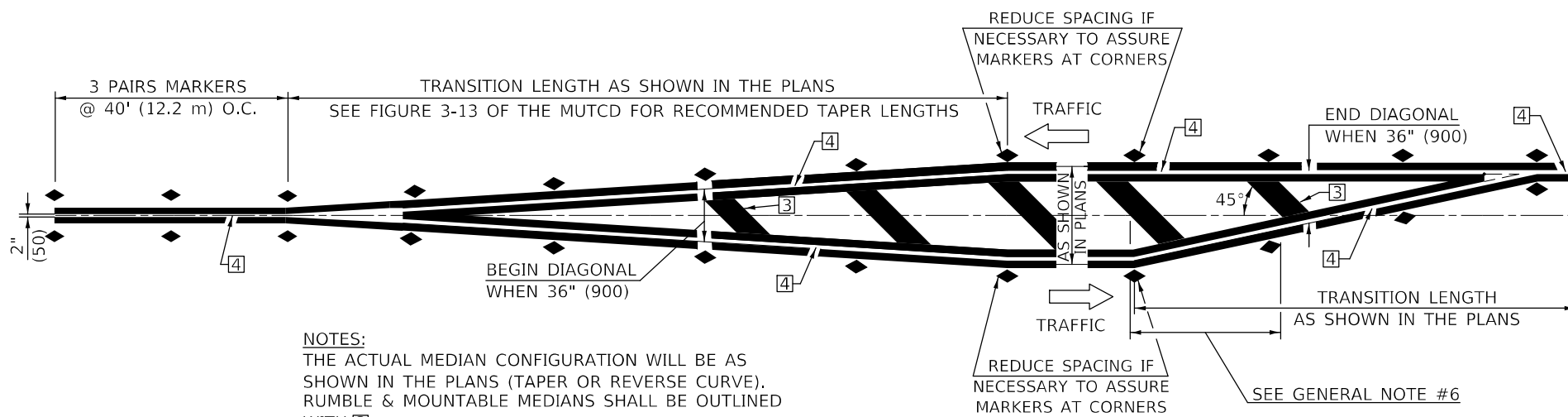
| | | |
|------------------------------|------------|----------------------|
| USER NAME = woodst | DESIGNED - | REVISED - 11/06 |
| | DRAWN - | REVISED - 9/2009 KJT |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REVISED - 04/14 JLA |
| PLOT DATE = 1/25/2022 | DATE - | REVISED - 3/2019 SWN |

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

| DISTRICT 5 DETAIL NO. 7800AAAA | | | | |
|--------------------------------|----------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 13 |
| | | | CONTRACT NO. 70F65 | |
| ILLINOIS FED. AID PROJECT | | | | |

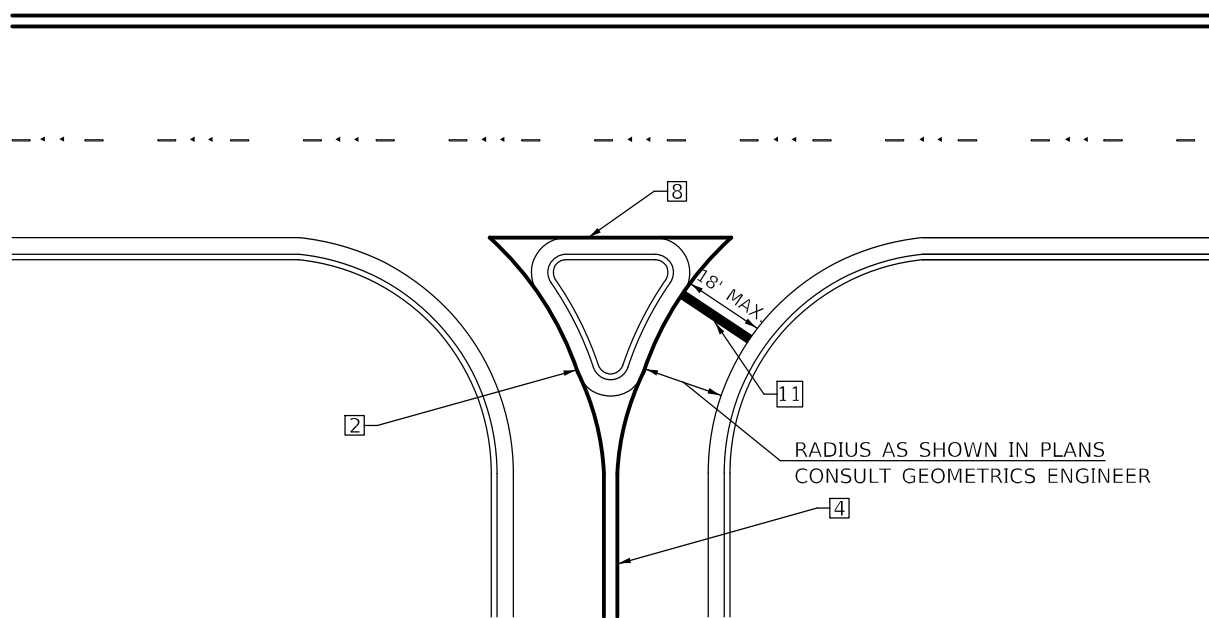


NOTES:
 THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

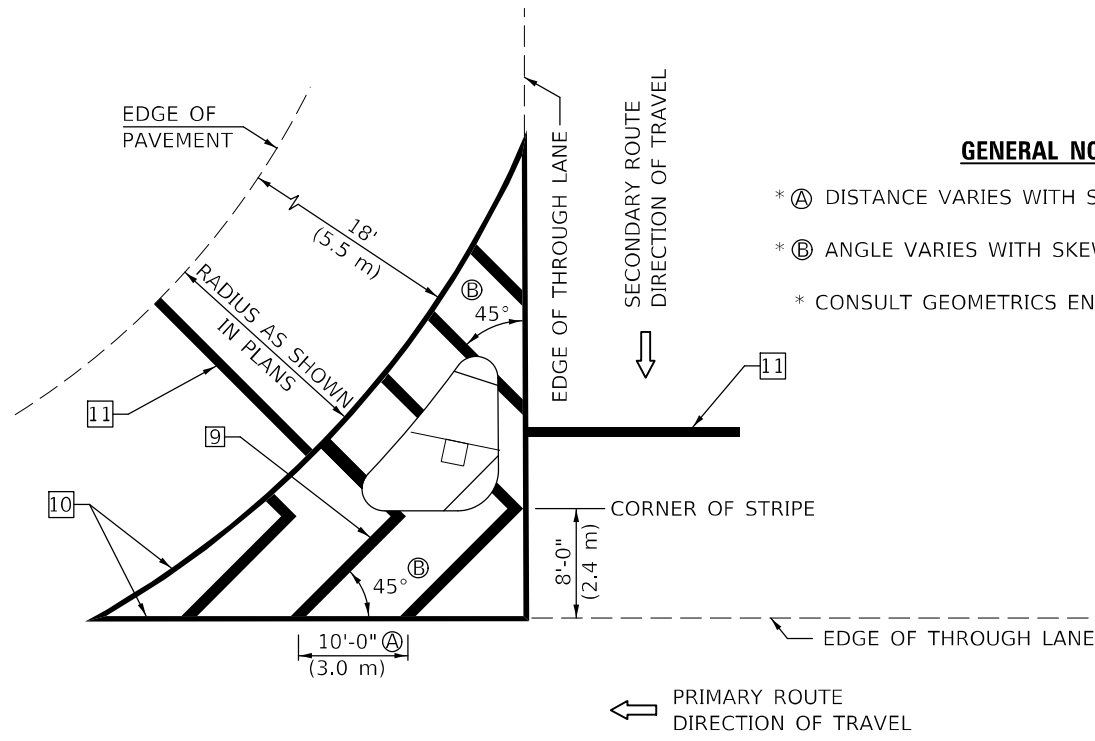
TYPICAL MEDIAN TRANSITIONS

GENERAL NOTES

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,
 <30 MPH USE 15' (<50 km/h USE 4.5 m)
 30-45 MPH USE 20' (50-75 km/h USE 6.0 m)
 >45 MPH USE 30' (>75 km/h USE 9.0 m)



RIGHT IN - RIGHT OUT ACCESS



ISLAND

GENERAL NOTES

- * A DISTANCE VARIES WITH SKEW OF INTERSECTION.
- * B ANGLE VARIES WITH SKEW OF INTERSECTION.
- * CONSULT GEOMETRICS ENGINEER

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: I:\MODEL MARKS
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| | | |
|------------------------------|------------|----------------------|
| USER NAME = woodst | DESIGNED - | REvised - 11/06 |
| | DRAWN - | REvised - 9/2009 KJT |
| PLOT SCALE = 40,0000 * / in. | CHECKED - | REvised - 04/14 JLA |
| PLOT DATE = 1/25/2022 | DATE - | REvised - 3/2019 SWN |

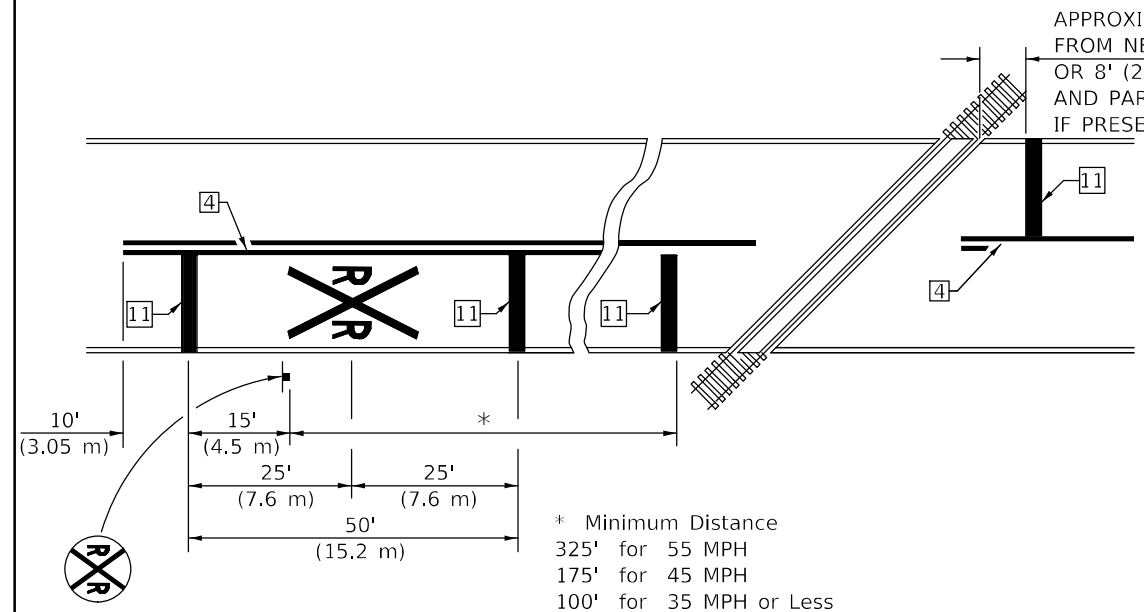
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

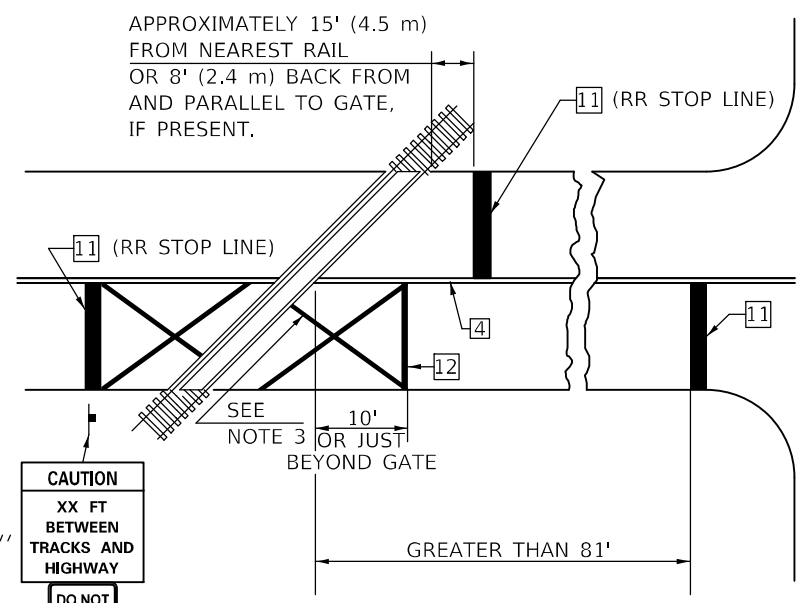
| DISTRICT 5 DETAIL NO. 7800AAAA | | | | |
|--------------------------------|----------|---------|--------------------|-----------|
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 14 |
| | | | CONTRACT NO. 70F65 | |
| ILLINOIS FED. AID PROJECT | | | | |

DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

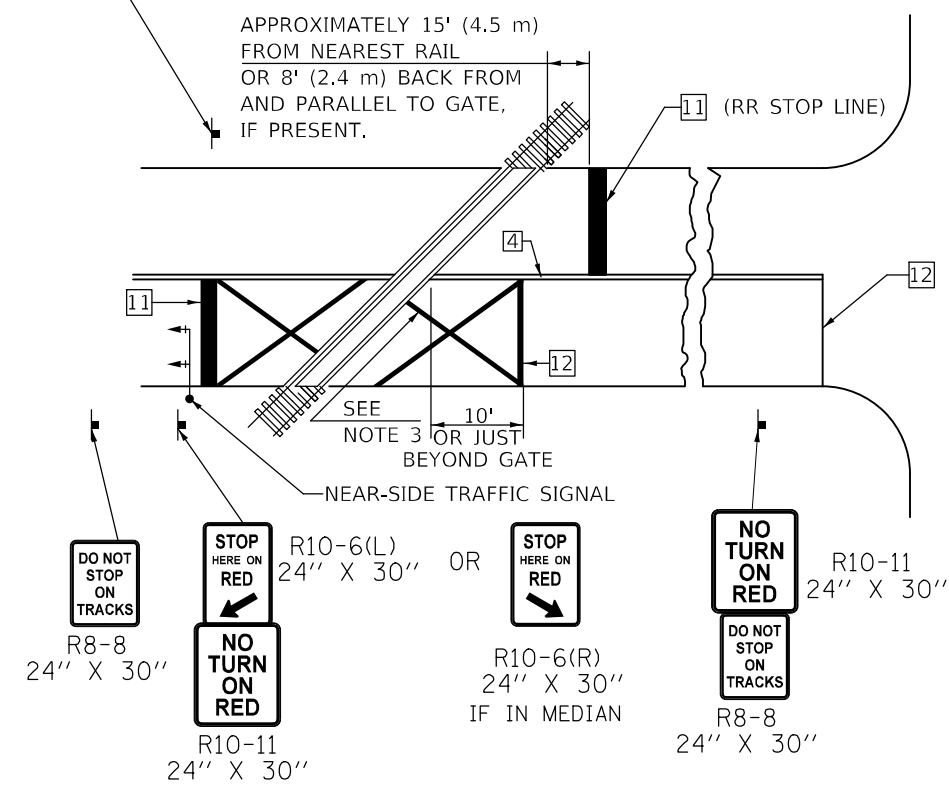
RAILROAD CROSSING WITH INTERCONNECT ONLY



W10-I100
30" X 36"
DO NOT STOP ON TRACKS
R8-8
24" X 30"

ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



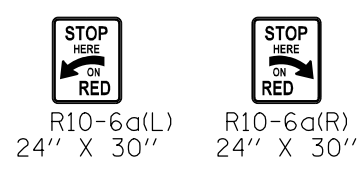
DO NOT STOP ON TRACKS (R8-8) 24" X 30"
STOP HERE ON RED (R10-6(L) 24" X 30" OR R10-6(R) 24" X 30" IF IN MEDIAN)
NO TURN ON RED (R10-11 24" X 30")
DO NOT STOP ON TRACKS (R8-8) 24" X 30"

GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

ALTERNATE SIGNS



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

MODEL: I:\MODEL\MARKS... FILE: MARKS... PROJECT: I:\PROJECTS\... DRAWN: ... CHECKED: ... DATE: ...

| | | |
|-----------------------------|------------|----------------------|
| USER NAME = woodst | DESIGNED - | REVISED - 11/06 |
| | DRAWN - | REVISED - 9/2009 KJT |
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| PLOT DATE = 1/25/2022 | DATE - | REVISED - 3/2019 SWN |

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS (RURAL & URBAN APPLICATIONS)

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

| | | | | |
|---------------------------------------|----------|---------|--------------|-----------|
| DISTRICT 5 DETAIL NO. 7800AAAA | | | | |
| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| 71 | (15)RS-3 | DE WITT | 15 | 15 |
| CONTRACT NO. 70F65 | | | | |
| ILLINOIS FED. AID PROJECT | | | | |