

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DEWITT	17	3
		ILLINOIS	CONTRACT NO. 70G10	

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**PROPOSED  
HIGHWAY PLANS**

**FAP ROUTE 71 / (IL 54)  
SECTION D5 CM 2022-6  
STANDARD OVERLAY AT IL 48  
SW OF FARMER CITY  
DEWITT COUNTY**

C-95-048-22

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

**CURRENT TRAFFIC DATA**

FAP RTE. 71 / (IL 54)

	ADT (2022)	PV %	SU %	MU %
LEG "A"	= 1,150	87.8	7.0	5.2
LEG "B"	= 1,450	83.5	6.2	10.3

**TRAFFIC DATA LOCATIONS**

LEG "A" = IL 54 WEST OF IL 48  
LEG "B" = IL 54 EAST OF IL 48

**FUNCTIONAL CLASSIFICATION**

MINOR ARTERIAL (RURAL)

**DESIGN DESIGNATION**  
NA

TOWNSHIP: DEWITT

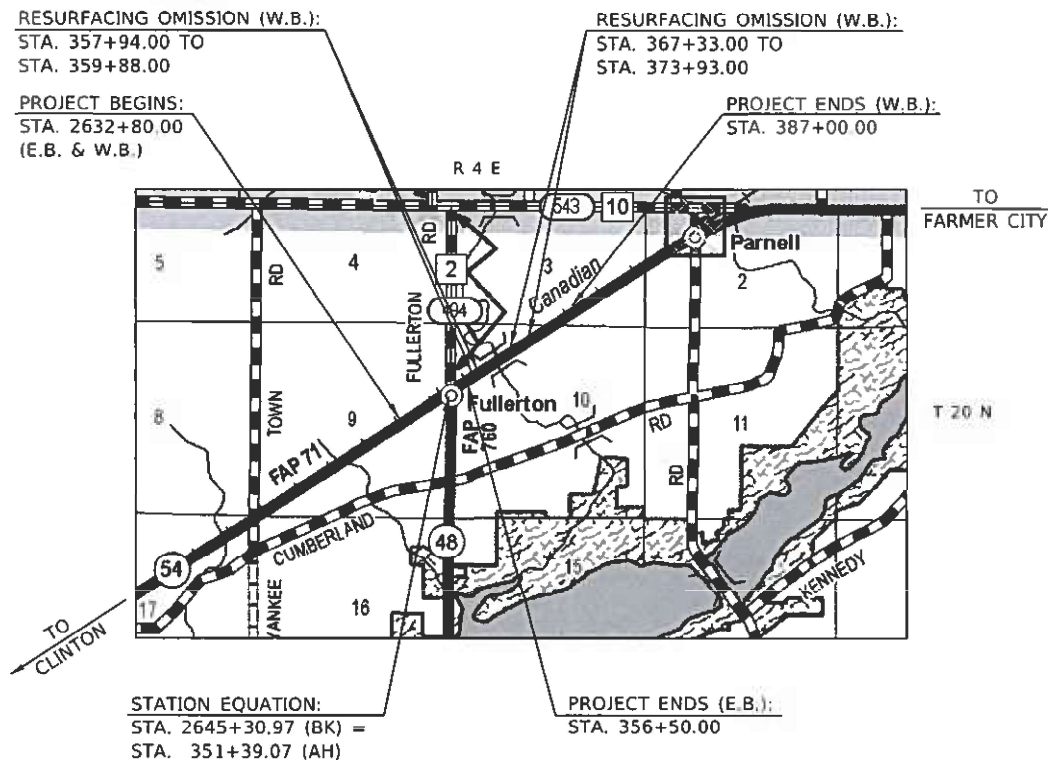


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

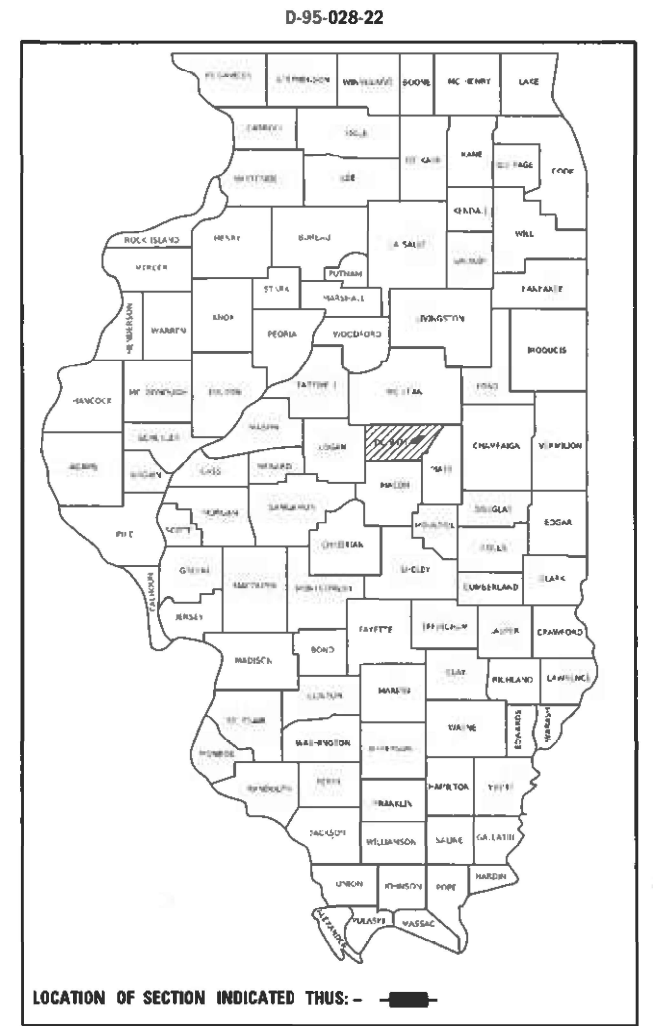
J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATORS  
1-800-892-0123  
OR 811

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

CONTRACT NO. 70G10



GROSS LENGTH = 4,811.90 FT. = 0.911 MILES  
NET LENGTH = 3,957.90 FT. = 0.750 MILES



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 3/24 20 22  
Kenneth A. Barneth sw  
REGIONAL ENGINEER

May 13, 2022 [Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

May 13, 2022 [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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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
12-13	DETAIL FOR SIDEROAD & SIDESTREETS (RURAL)
14-17	DETAIL FOR PAVEMENT MARKING AND MARKERS (RURAL & URBAN 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
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS ≥ 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.-107.12 (SPECIAL)  
AT COUNTY HIGHWAY 2, INCIDENTAL MILLING AND RESURFACING OPERATIONS WILL BE IN CLOSE PROXIMITY TO RAILROAD RIGHT-OF-WAY. THE CONTRACTOR SHALL KEEP ALL PERSONNEL, EQUIPMENT, AND MATERIAL WITHIN STATE RIGHT-OF-WAY AND SHALL NOT INFRINGE ON RAILROAD PROPERTY.

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

LOCATION	IL 54
MIXTURE USE	SURFACE & INCIDENTAL
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
SUB_OT 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), BINDER AND 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	D5 CM 2022-6	DE WITT	17	2
CONTRACT NO. 70G10				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

LOCATION OF WORK: FAS 71 / (IL 54)  
 RURAL 2 LANE  
 COUNTY: DEWITT  
 STA. 2632+80.00  
 TO  
 STA. 387+00.00  
 FUNDING BREAKOUT: 100% STATE  
 CONSTRUCTION CODE: 0005

LOCATION OF WORK: FAS 71 / (IL 54)  
 RURAL 2 LANE  
 COUNTY: DEWITT  
 STA. 2632+80.00  
 TO  
 STA. 387+00.00  
 FUNDING BREAKOUT: 100% STATE  
 CONSTRUCTION CODE: 0005

CODE NO	ITEM	UNIT	TOTAL QUANTITY
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	3686.0
40600990	TEMPORARY RAMP	SQ YD	58.0
40604050	HOT-MIX ASPHALT SURFACE COURSE, 1L-9.5, MIX "C", N50	TON	688.0
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	75.0
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	14.0
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	8190.0
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	65.0
67100100	MOBILIZATION	L SUM	1.0

\* SPECIALTY ITEM

CODE NO	ITEM	UNIT	TOTAL QUANTITY
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1.0
70300100	SHORT TERM PAVEMENT MARKING	FOOT	368.0
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	62.0
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	50.0
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	13006.0
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	24.0
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	24.0
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	165.0

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

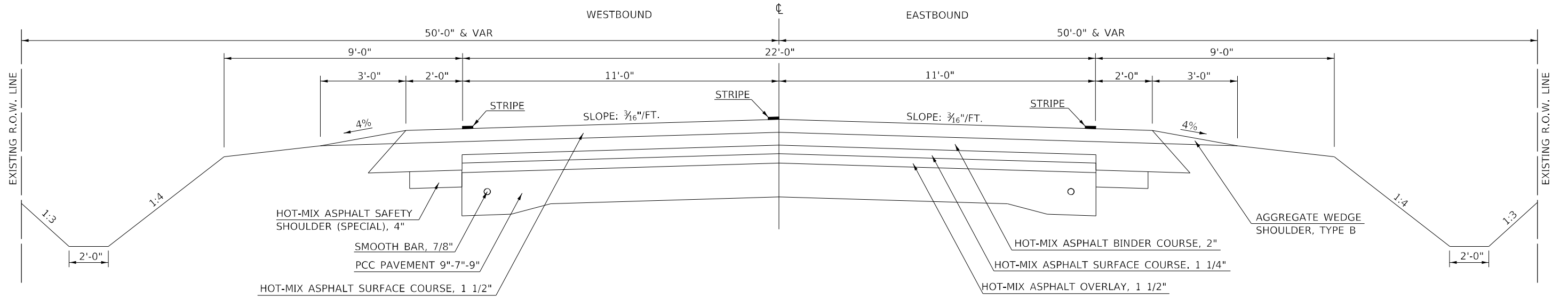
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	3
CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	

# A EXISTING TYPICAL CROSS SECTION

STATION EQUATION  
 STA. 2645+30.97 (BK) =  
 STA. 351+39.07 (AH)

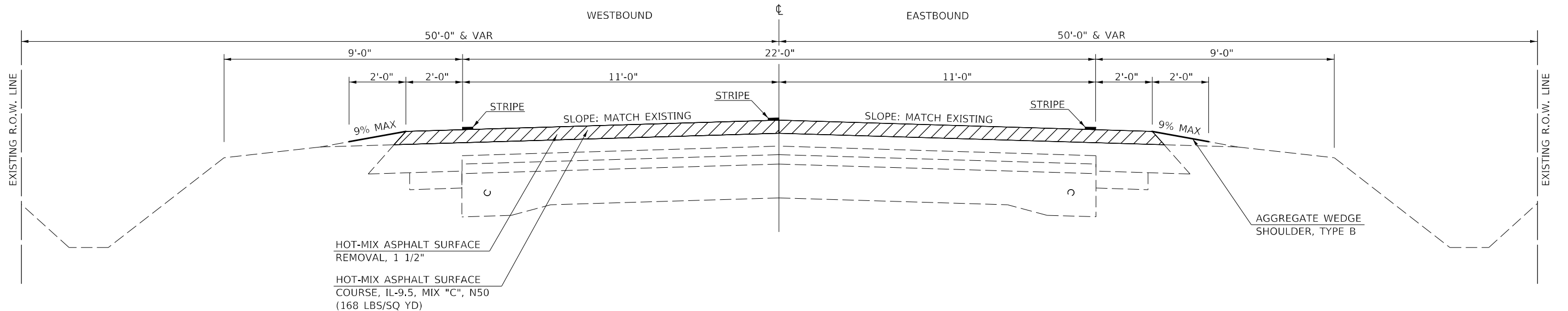
STATION TO STATION  
 2632+80.00 TO 2645+30.97 (BK) =  
 351+39.07 (AH) TO 354+00.00 (B)



# 1 PROPOSED TYPICAL CROSS SECTION

STATION EQUATION  
 STA. 2645+30.97 (BK) =  
 STA. 351+39.07 (AH)

STATION TO STATION  
 2632+80.00 TO 2645+30.97 (BK) =  
 351+39.07 (AH) TO 354+00.00 (2)



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

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

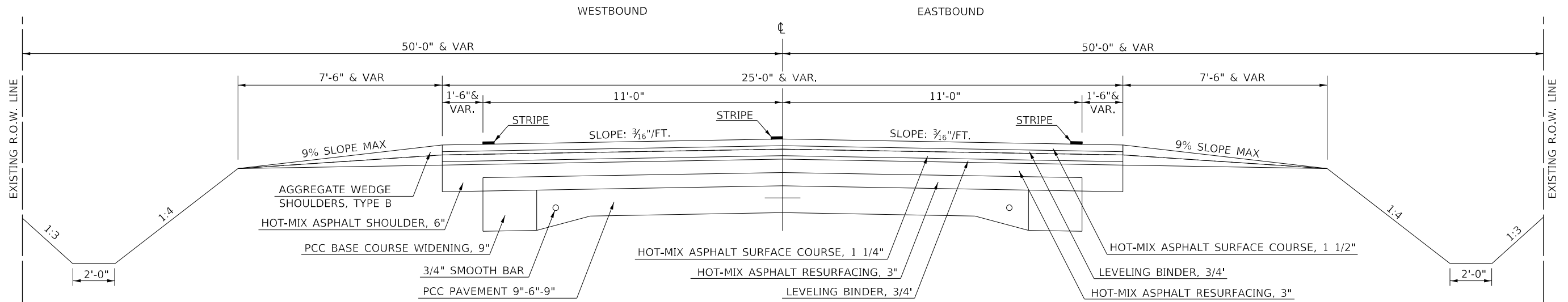
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SCALE:	SHEET 1	OF 2 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	4
CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	



## (B) EXISTING TYPICAL CROSS SECTION

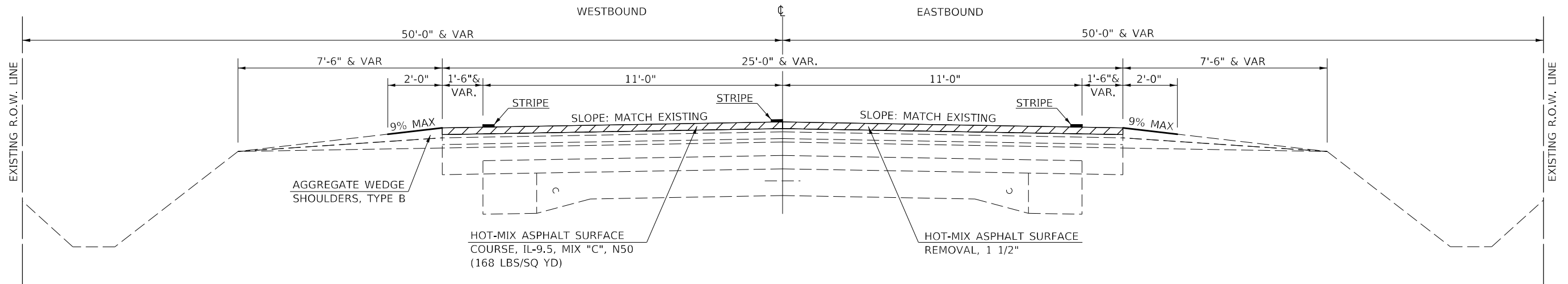
STATION TO STATION  
 (A) 354+00.00 387+00.00



## (2) PROPOSED TYPICAL CROSS SECTION

STATION TO STATION  
 (1) 354+00.00 356+50.00 (EASTBOUND)  
 354+00.00 387+00.00 (WESTBOUND) \*\*

\*\* RESURFACING OMISSIONS: (WESTBOUND)  
 STA. 357+94.00 TO STA. 359+88.00  
 STA. 367+33.00 TO STA. 373+93.00



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

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**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	D5 CM 2022-6	DE WITT	17	5
CONTRACT NO. 70G10				
ILLINOIS FED. AID PROJECT				

# SCHEDULE OF QUANTITIES

**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 MATERIALS TACK COAT (POUND)	40604050 HOT-MIX ASPHALT IL 9.5, MIX "C", N50 (TON)
E.B.	RT.	IL 54	2632+80.00		2645+30.97 (BK)	1,250.97	13.00	1,806.96	813.13	151.78
E.B.	RT.	IL 54	351+39.07 (AH)		356+50.00	510.93	13.00	738.01	332.10	61.99
W.B.	LT.	IL 54	2632+80.00		2645+30.97 (AH)	1,250.97	13.00	1,806.96	813.13	151.78
W.B.	LT.	IL 54	351+39.07 (AH)		357+94.00	654.93	13.00	946.01	425.70	79.46
W.B.	LT.	IL 54	359+88.00		367+33.00	745.00	13.00	1,076.11	484.25	90.39
W.B.	LT.	IL 54	373+93.00		387+00.00	1,307.00	12.50	1,815.28	816.88	152.48
TOTAL =								8,189.32	3,685.19	687.90
USE =								8,190.00	3,686.00	688.00
								SQ YD	POUND	TON

**78001110 PAINT PAVEMENT MARKING - LINE 4"**

LOCATION	STATION	TO	STATION	78001110 QUANTITY (FT)	COLOR		
E.B.	CL.	SKIP DASH	2632+80.00		2645+30.97 (BK)	320.00	YELLOW
E.B.	CL.	SKIP DASH	351+39.07 (AH)		387+00.00	900.00	YELLOW
W.B.	LT.	NO PASS	353+92.00		365+44.00	1,152.00	YELLOW
E.B.	RT.	NO PASS	367+83.00		374+20.00	637.00	YELLOW
W.B.	LT.	NO PASS	377+68.00		384+68.00	700.00	YELLOW
E.B.	RT.	EOP	2632+80.00		2644+30.00	1,150.00	WHITE
E.B.	RT.	EOP	352+31.00		387+00.00	3,469.00	WHITE
W.B.	LT.	EOP	2632+80.00		2644+89.00	1,209.00	WHITE
W.B.	LT.	EOP	352+31.00		387+00.00	3,469.00	WHITE
TOTAL =					13,006.00		
USE =					13,006.00		

**INCIDENTAL HOT-MIX ASPHALT SCHEDULE**

STATION	DESCRIPTION	PROPOSED AREA (SQ YD)	INCIDENTAL HMA THICKNESS (INCHES)	X4400196 HMA SURFACE REMOVAL, SPECIAL (SQ YD)	40800029 BITUMINOUS MATERIALS TACK COAT (POUND)	40800050 INCIDENTAL HMA SURFACING (TON)	COMMENTS	
LT.	351+39.07	SIDEROAD RETURN / CH 2	165.00	1.50	165.00	74.25	13.86	10 FT FROM EOP
TOTAL =				165.00	74.25	13.86		
USE =				165.00	75.00	14.00		
				SQ YD	POUND	TON		

**78000400 THERMOPLASTIC PAVEMENT MARKING - LINE 6"**

LOCATION	STATION	TO	STATION	78000400 QUANTITY (FT)	COLOR		
E.B.	RT.	MEDIAN ISLAND	351+55.00		352+05.00	50.00	WHITE
TOTAL =					50.00		
USE =					50.00		

**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	2632+80.00		2645+30.97 (BK)	256.00	MILLING & HMA SURFACE YELLOW 42.67
E.B.	IL 54	SKIP-DASH	351+39.07 (AH)		356+50.00	112.00	MILLING & HMA SURFACE YELLOW 18.67
TOTAL =				368.00			61.33
USE =				368.00			62.00
				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 RRPMM REMOVAL QUANTITY (EACH)		
IL 54	C.L.	SKIP DASH	2632+80.00		2645+30.97 (BK)	1250.97	16.00	16.00
IL 54	C.L.	SKIP DASH	351+39.07 (AH)		356+50.00	510.93	8.00	8.00
TOTAL =					24.00	24.00		
					EACH	EACH		

**48102100 AGGREGATE WEDGE SHOULDER, TYPE B**

LOCATION	STATION	TO	STATION	LENGTH (FT)	WIDTH (FT)	AVE. DEPTH (INCHES)	48102100 QUANTITY TON		
E.B.	RT.	IL 54	2632+80.00		2644+30.00	1150.00	2.00	1.00	12.78
E.B.	RT.	IL 54	352+31.00		356+50.00	419.00	2.00	1.00	4.66
W.B.	LT.	IL 54	2632+80.00		2644+89.00	1209.00	2.00	1.00	13.43
W.B.	LT.	IL 54	352+31.00		364+35.00	1204.00	2.00	1.00	13.38
W.B.	LT.	IL 54	369+00.00		387+00.00	1800.00	2.00	1.00	20.00
TOTAL =							64.24		
USE =							65.00		
							TON		

**40600990 TEMPORARY RAMP**

LOCATION	STATION	TO	STATION	DROP (INCH)	LENGTH (FT)	WIDTH (FT)	QUANTITY (SQ YD)	CONSTRUCT AFTER:		
E.B.	RT.	IL 54	2632+80.00		2632+85.00	1.50	5.00	13.00	7.22	MILLING
E.B.	RT.	IL 54	356+45.00		356+50.00	1.50	5.00	13.00	7.22	MILLING
W.B.	LT.	IL 54	2632+80.00		2632+85.00	1.50	5.00	13.00	7.22	MILLING
W.B.	LT.	IL 54	357+89.00		357+94.00	1.50	5.00	13.00	7.22	MILLING
W.B.	LT.	IL 54	359+88.00		359+93.00	1.50	5.00	13.00	7.22	MILLING
W.B.	LT.	IL 54	367+28.00		367+33.00	1.50	5.00	13.00	7.22	MILLING
W.B.	LT.	IL 54	373+93.00		373+98.00	1.50	5.00	12.50	6.94	MILLING
W.B.	LT.	IL 54	386+95.00		387+00.00	1.50	5.00	12.50	6.94	MILLING
TOTAL =							57.22			
USE =							58.00			
							SQ YD			

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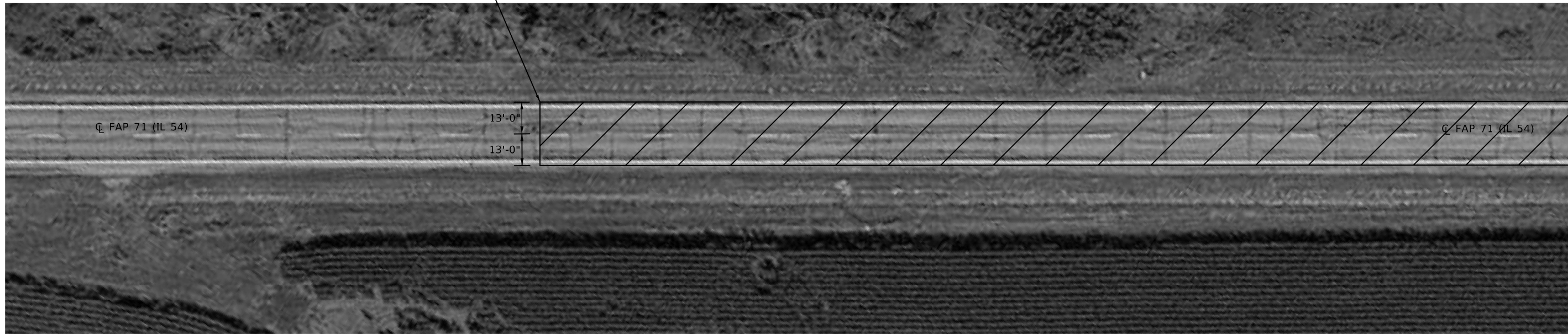
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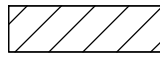
**STATE OF ILLINOIS  
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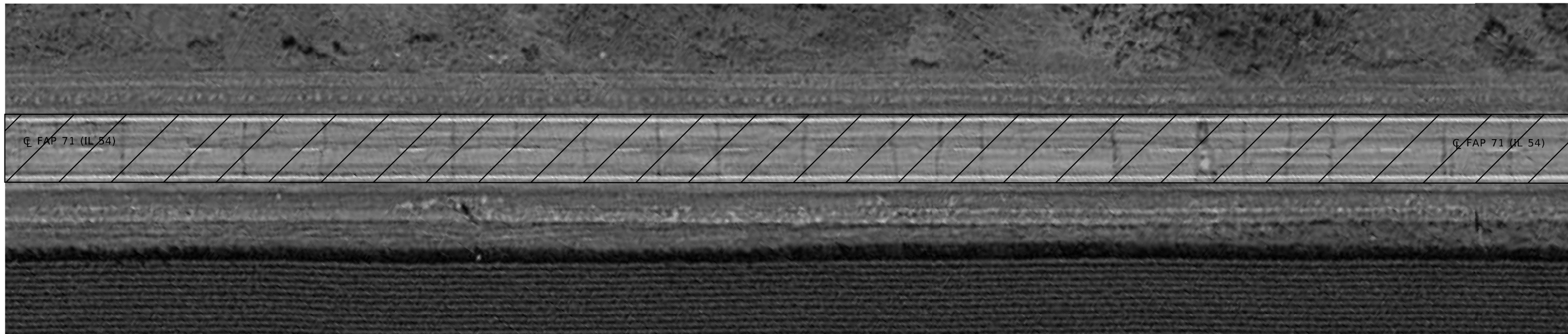
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SCALE:	SHEET 1	OF 1	SHEETS
STA.	TO STA.		

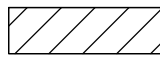
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ILLINOIS FED. AID PROJECT				

PROJECT BEGINS:  
STA 2632+80.00  
(E.B. & W.B.)



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



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

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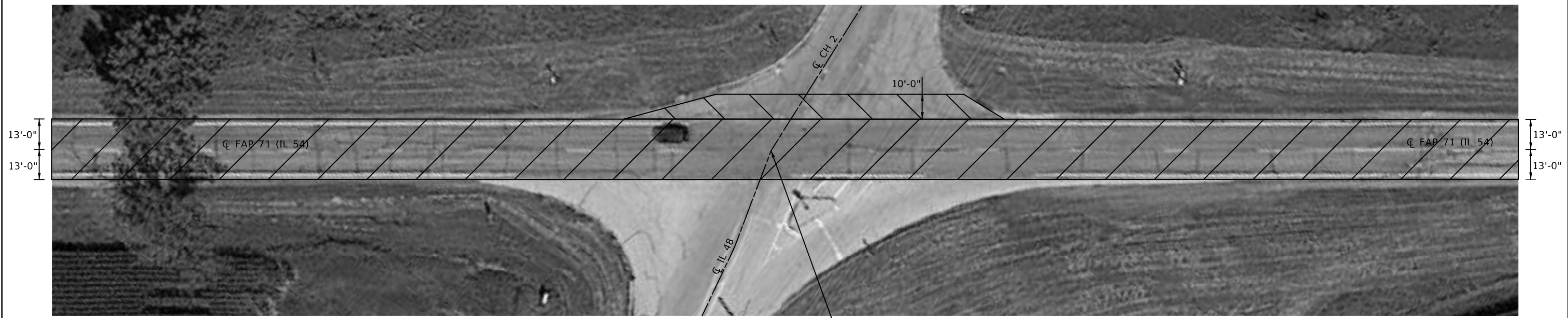
**STATE OF ILLINOIS  
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**PLAN SHEETS**

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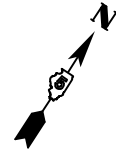
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CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	

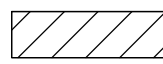




STATION EQUATION:  
 STA. 2645+30.97 (BK) =  
 STA. 351+39.07 (AH)

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



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

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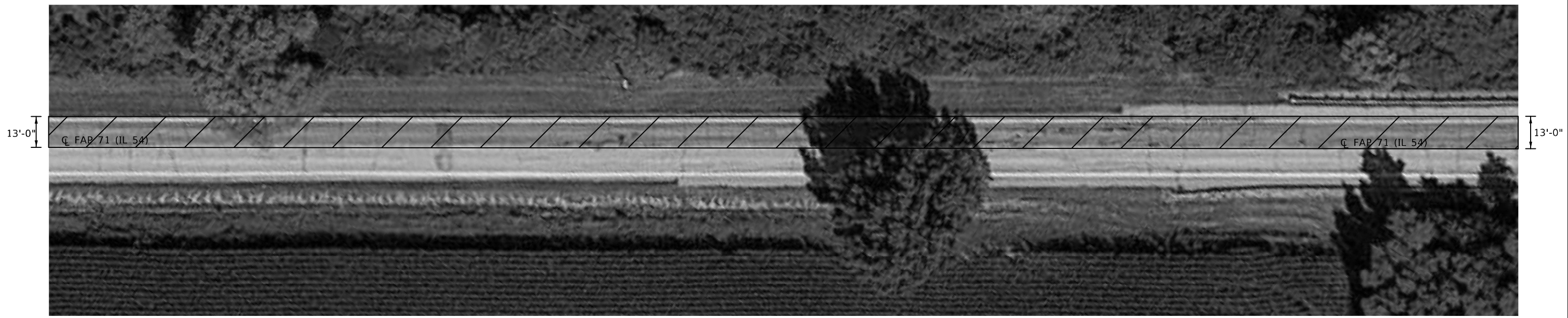
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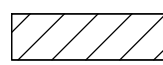
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	8
CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	

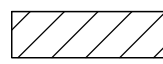


 HOT-MIX ASPHALT  
SURFACE REMOVAL, 1 1/2"



RESURFACING OMISSION (W.B.) BEGINS:  
STA. 367+33.00



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

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	DRAWN -	REVISED -
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PLOT DATE = 3/24/2022	DATE -	REVISED -

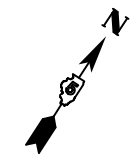
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PLAN SHEETS**

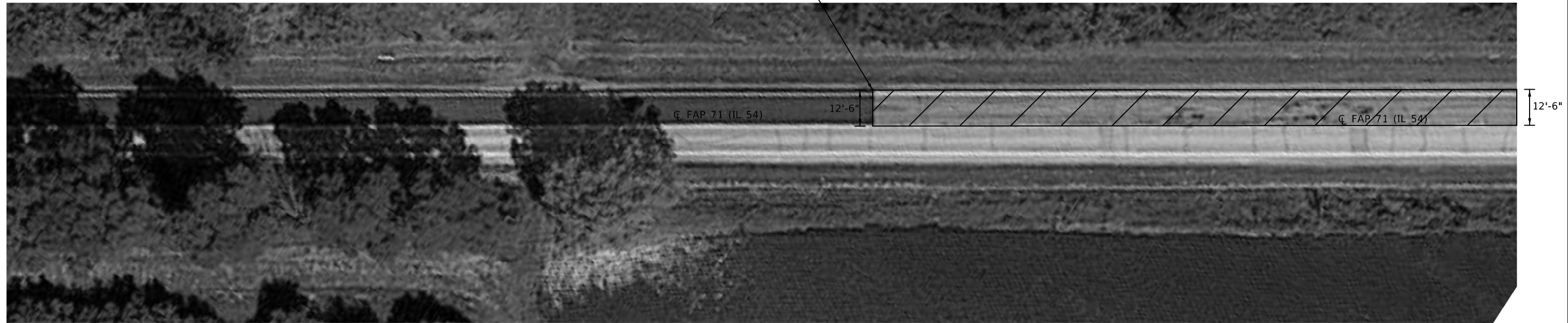
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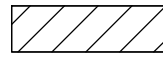
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	9
CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	

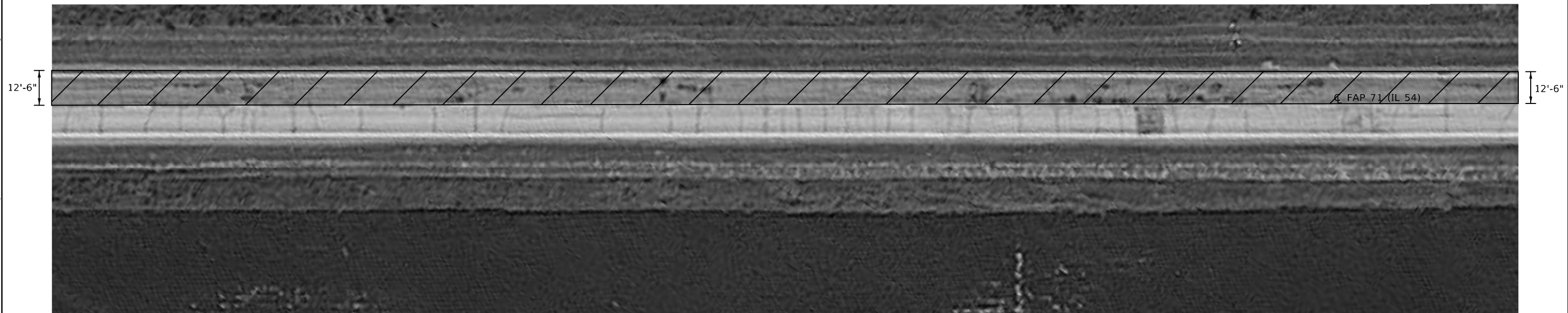
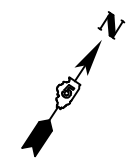




RESURFACING OMISSION (W.B.) ENDS:  
STA. 373+93.00



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



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

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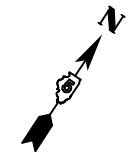
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

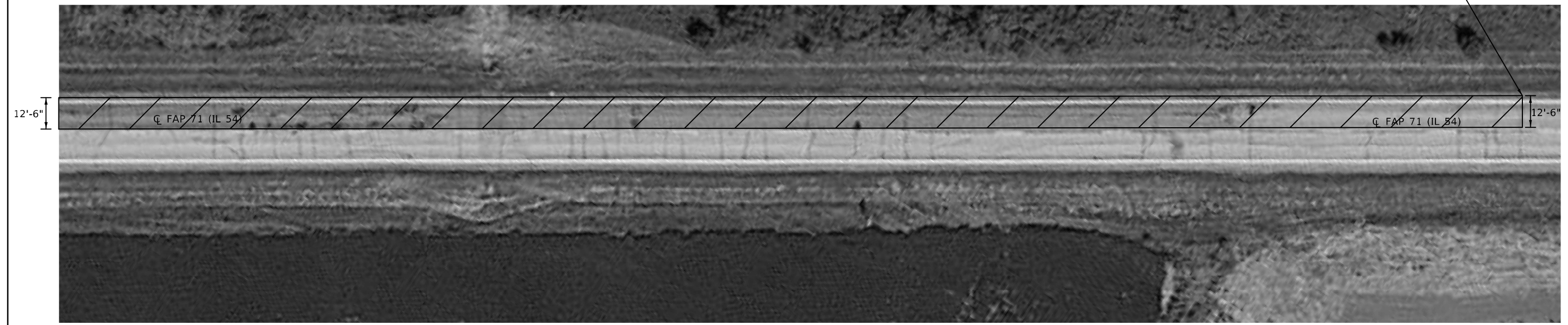
**PLAN SHEETS**

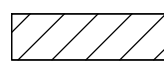
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	10
CONTRACT NO. 70G10			ILLINOIS FED. AID PROJECT	



PROJECT ENDS (W.B.):  
STA. 387+00.00



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

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	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 3/24/2022	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

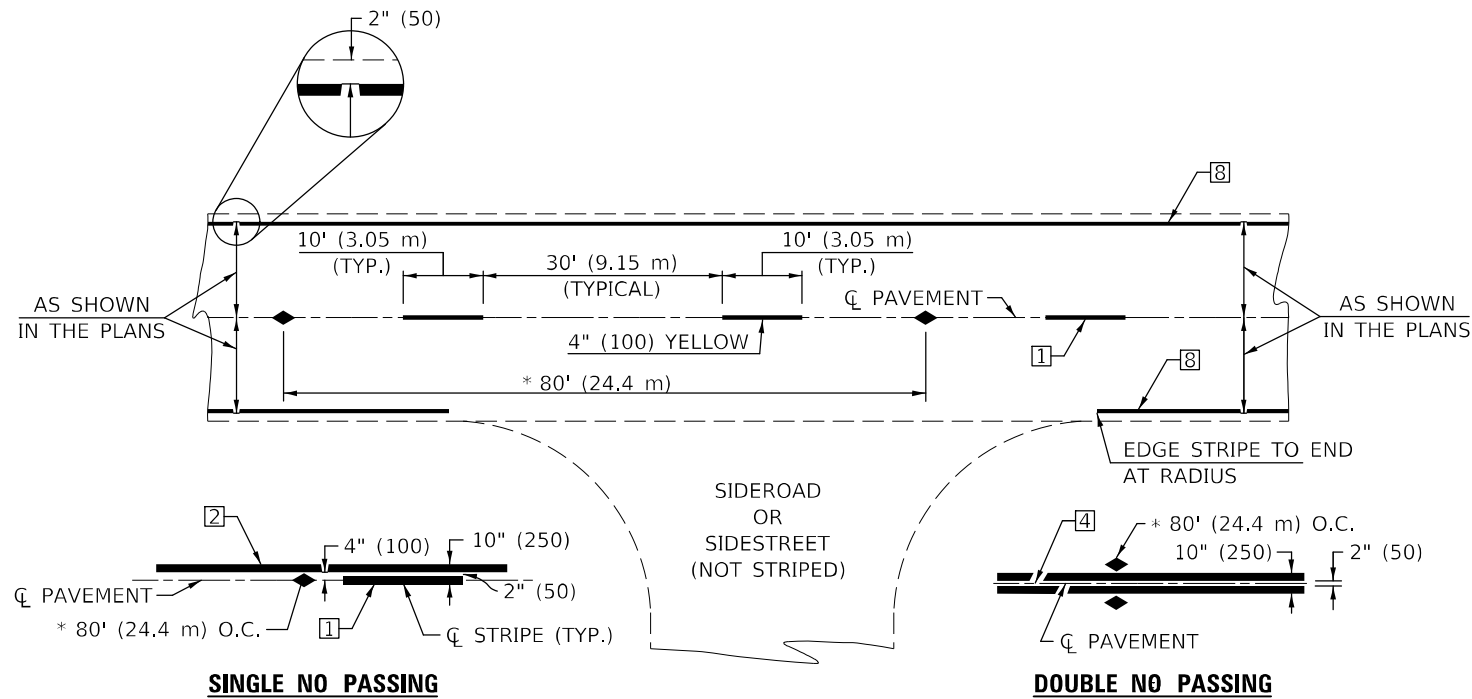
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SCALE:	SHEET 5	OF 5 SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 70G10	







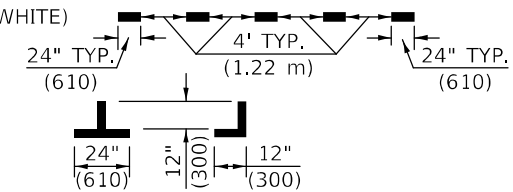
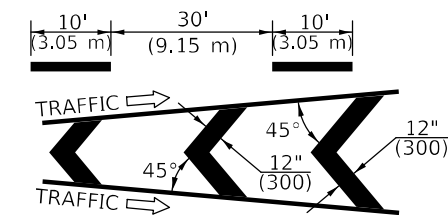
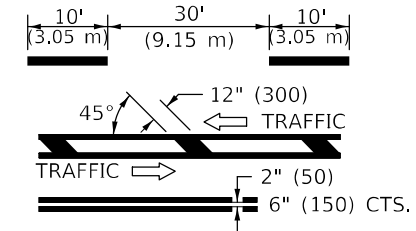


\* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

**TWO LANE/TWO WAY**

**TYPICAL PAVEMENT MARKING LEGEND**

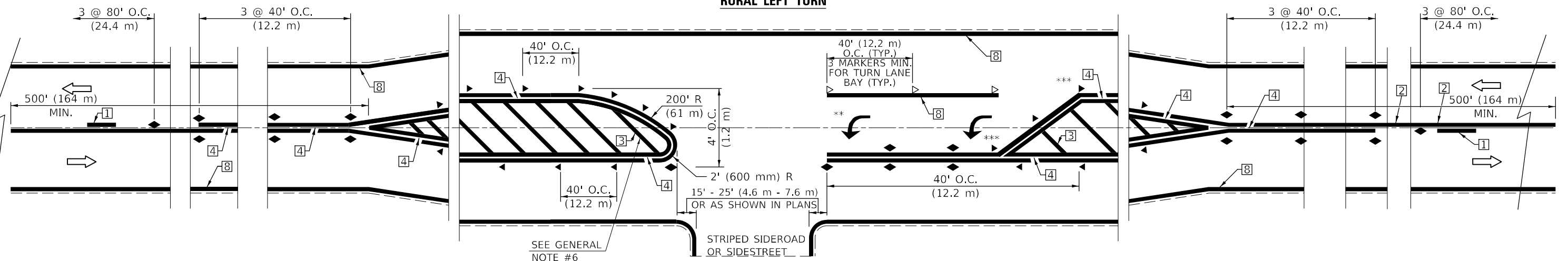
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 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.dwg, DATE: 3/24/2022, PROJECT: D5 CM 2022-6, SHEET: 14 OF 17, CONTRACT: 70G10

USER NAME = woodst	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/24/2022	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

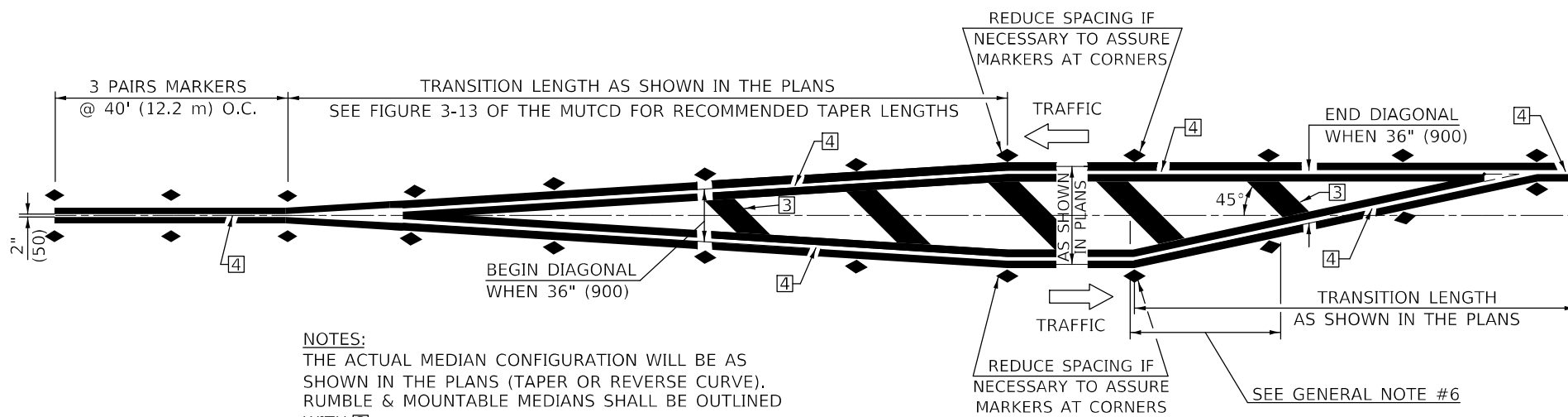
**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

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	D5 CM 2022-6	DE WITT	17	14
			CONTRACT NO. 70G10	
ILLINOIS FED. AID PROJECT				



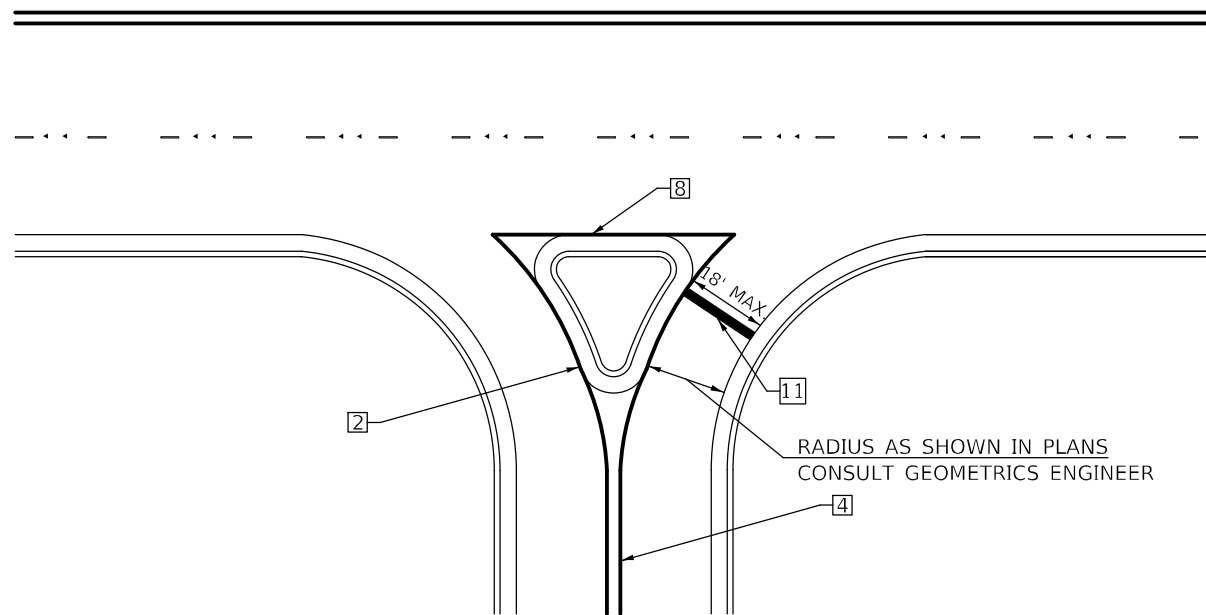


NOTES:  
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

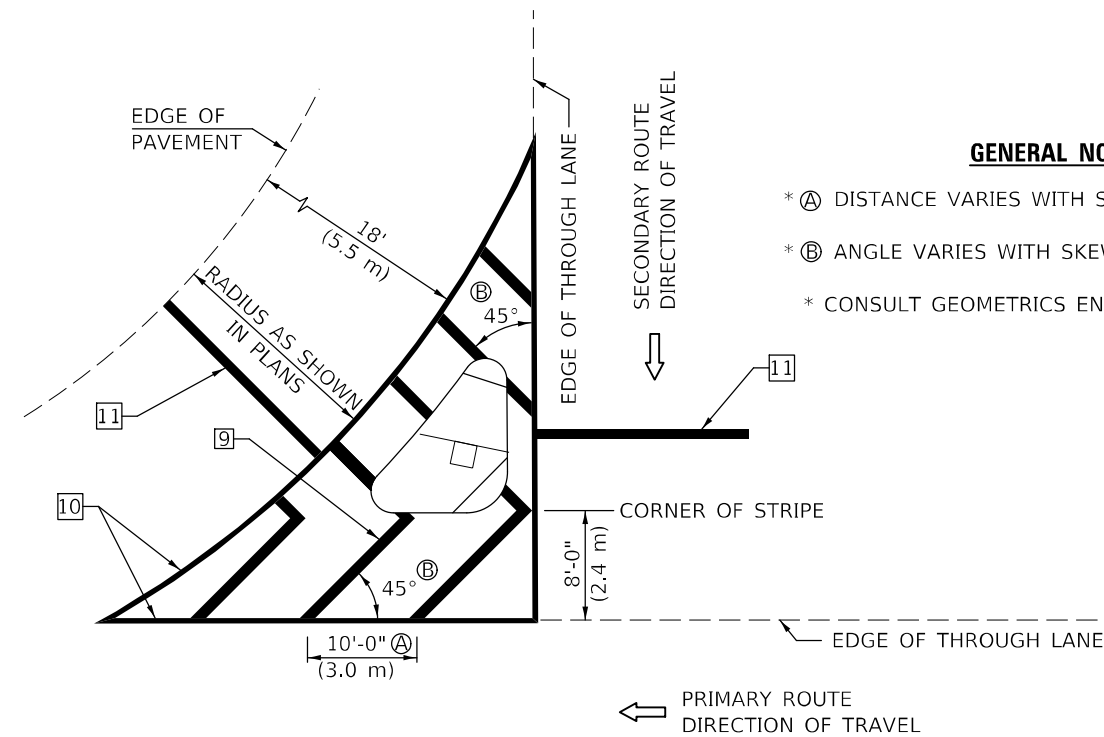
**TYPICAL MEDIAN TRANSITIONS**

**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 FILE: MARKS\_PAVEMENT.PLA; FILE: I:\PROJECTS\70G10\CADD\DATA\CAD\PROJECTS\70G10\PAVEMENT.MXD

USER NAME = woodst	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/24/2022	DATE -	REVISED - 3/2019 SWN

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

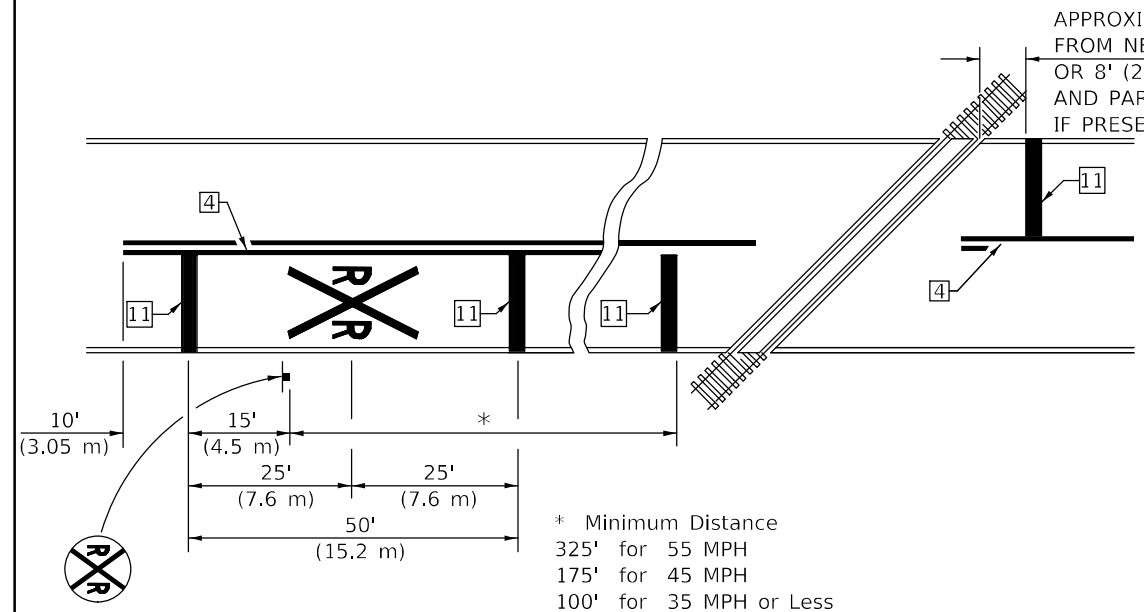
**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

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

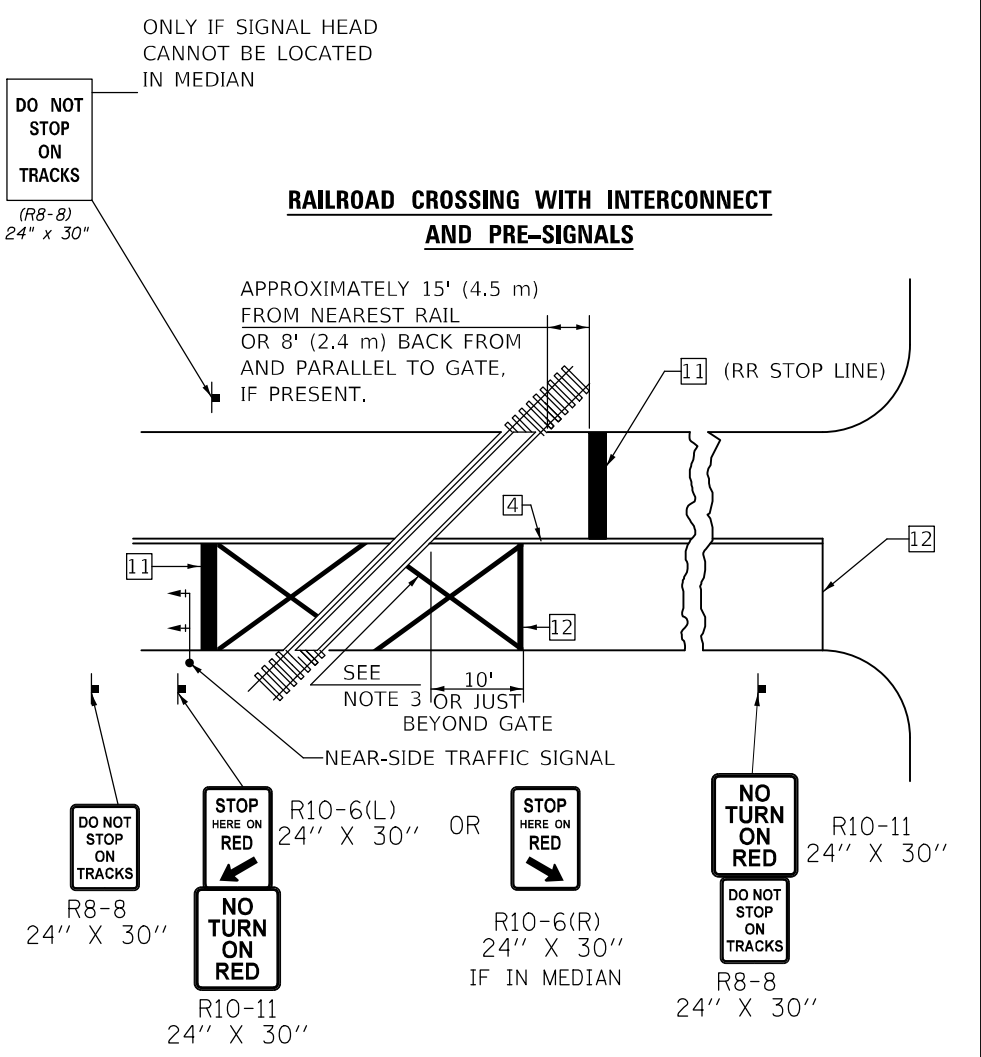
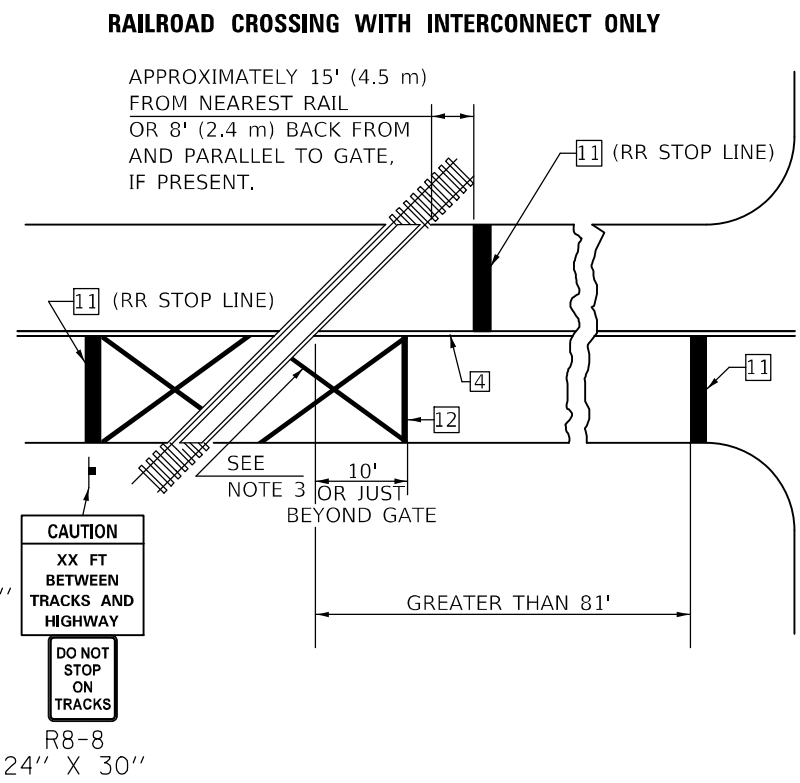
**DISTRICT 5 DETAIL NO. 7800AAAA**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	16
			CONTRACT NO. 70G10	
ILLINOIS FED. AID PROJECT				

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

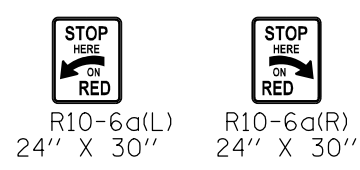


**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



**SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING**

**ALTERNATE SIGNS**

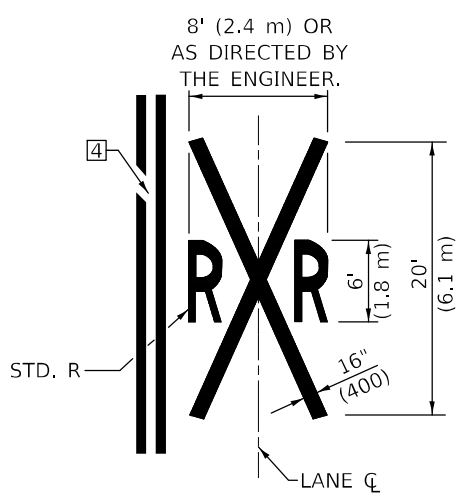


**NOTES**

- 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.

**GENERAL NOTES**

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
- 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
- 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.
- 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.



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

**DISTRICT 5 DETAIL NO. 7800AAAA**

**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**

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

USER NAME = woodst	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 9/2009 KJT
PLOT SCALE = 40,0000 */ in.	CHECKED -	REVISED - 04/14 JLA
PLOT DATE = 3/24/2022	DATE -	REVISED - 3/2019 SWN

SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	D5 CM 2022-6	DE WITT	17	17
				CONTRACT NO. 70G10
ILLINOIS FED. AID PROJECT				

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