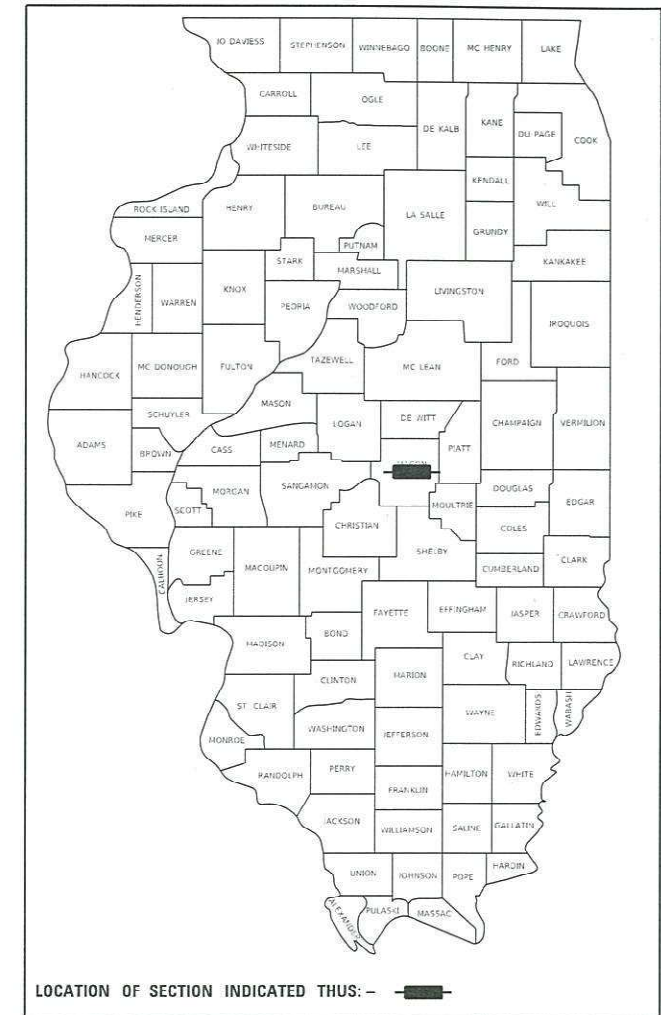


STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	D7 HMA RESURF 2021-4	MACON	14	1
		ILLINOIS	CONTRACT NO. 74A46	

\* FAI 72 & FAP 322

D-97-077-21



FOR INDEX OF SHEETS, SEE SHEET NO. 2

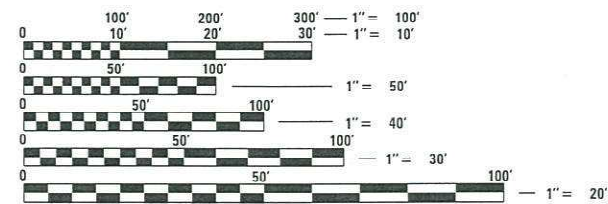
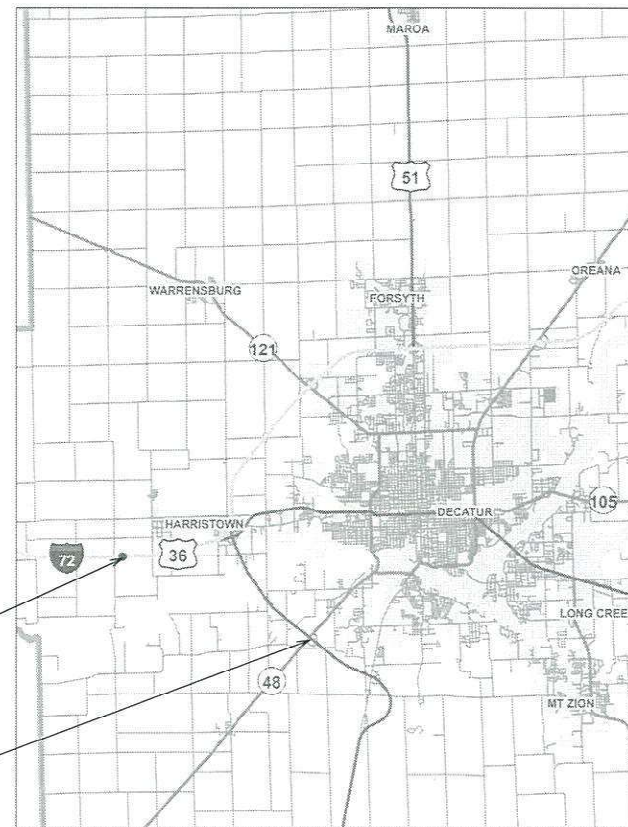
LOC #1 - AADT (2020) = 650  
LOC #2 - AADT (2019) = 16,200

# PROPOSED HIGHWAY PLANS

FAI ROUTE 72 (I-72) & FAP ROUTE 322 (US 51)  
D7 HMA RESURF 2021-4

RESURFACING  
MACON COUNTY

C-97-134-21



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: DEBRA G. BARRETT  
PROJECT MANAGER: DEBRA G. BARRETT  
(217) 342-8243

CONTRACT NO. 74A46

GROSS LENGTH = 1,140.0 FT. = 0.22 MILE  
NET LENGTH = 1,140.0 FT. = 0.22 MILE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 05 2021  
Jeffrey P. Murphy REGIONAL ENGINEER

May 7, 2021 Joe A. Etk  
ENGINEER OF DESIGN AND ENVIRONMENT

May 7, 2021 James J. Gu  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

**GENERAL NOTES**

THE WORK IN THIS SECTION INCLUDES MILLING AND RESURFACING THE EXISTING PAVEMENT, THERMOPLASTIC PAVEMENT MARKINGS, RAISED REFLECTIVE PAVEMENT MARKERS, AND ANY OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

THE WORK INCLUDED IN THIS SECTION IS LOCATED ON I-72, AND FAP ROUTE 322 (US 51) IN MACON COUNTY. LOCATION #1 IS ON SOUTHBOUND US 51, SOUTHWEST OF DECATUR, AT THE IL 48 OFF-RAMP. LOCATION #2 IS ON I-72/US 36, WEST OF DECATUR, AT THE APPROACHES TO SN 058-0063 AND 058-0064.

SHORT TERM PAVEMENT MARKING ON THE MILLED SURFACE SHALL BE PAINT. ALL OTHER SHORT TERM PAVEMENT MARKINGS SHALL BE TAPE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING, LETTERS AND SYMBOLS CONSISTS OF 32 SQUARE FEET OF WHITE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 6" CONSISTS OF 932 FEET OF YELLOW, AND 1551 FEET OF WHITE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 8" CONSISTS OF 599 FEET OF WHITE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 12" CONSISTS OF 57 FEET OF WHITE.

QUANTITY FOR THERMOPLASTIC PAVEMENT MARKING - LINE 24" CONSISTS OF 36 FEET OF WHITE.

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE HMA SURFACE COURSE.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE	TESTING PARAMETER
POLY HMA SURFACE COURSE, IL-9.5,MIX "D" N90 (2")	SBS PG 70-22	4.0% @ N=90	IL - 9.5	MIXTURE D	QC/QA

**INDEX OF SHEETS**

SHEET NO.	ITEM
1	COVER SHEET
2	GENERAL NOTES, INDEX OF SHEETS & LIST OF STANDARDS
3	SUMMARY OF QUANTITIES
4	TYPICAL CROSS SECTIONS
5	SCHEDULES OF QUANTITIES
6-7	LOCATION MAPS
8	DETOUR SIGNING
9-14	PAVEMENT MARKING DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED FOLLOWING THE LAST NUMBERED SHEET OF THE PLANS.

STD. NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701101-05	OFF-ROAD OPERATIONS, MULTILANE, LESS THAN 15' TO PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-10	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT/MOVING OPERATIONS, FOR SPEEDS >= 45 MPH
701451-05	RAMP CLOSURE, FREEWAY/EXPRESSWAY
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

MODEL: Default  
 FILE NAME: p:\pub\mroom.dwt\illinois.gov\PIWDOT\Documents\IDOT\_Offices\District\_7\Projects\7446\CADD\Drawings\7446-8R-CONOTE.dgn

• FAI 72 & FAP 322 (US 51)

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES, INDEX OF SHEETS &amp; LIST OF STANDARDS</b>		F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -				~	D7 HMA RESURF 2021-4	MACON	14	2	
PLOT DATE = 5/5/2021	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS	FED. AID PROJECT
CONTRACT NO. 74A46											

100%  
STATE URBAN RURAL

100%  
STATE URBAN RURAL

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 LOC #1 US 51 (SB) @ IL 48	0005 LOC #2 1 72 SN 058-0063/64	
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	1408	836	572	*
40600990	TEMPORARY RAMP	SQ YD	248	93	155	*
40604164	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N90	TON	351	208	143	*
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	3129	1857	1272	
67100100	MOBILIZATION	L SUM	1	0.6	0.4	
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1		1	
70100820	TRAFFIC CONTROL AND PROTECTION, STANDARD 701451	L SUM	1	1		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	448	160	288	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	150	54	96	
* 78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SO FT	32	32		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	2483	1483	1000	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	599	599		

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005 LOC #1 US 51 (SB) @ IL 48	0005 LOC #2 1 72 SN 058-0063/64	
78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	57	57		
78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36	36		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	50	42	8	
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	50	42	8	
Z0016702	DETOUR SIGNING	L SUM	1	1		

\* SPECIALTY ITEM

MODEL: Default  
 FILE NAME: p:\pub\mason.dwg  
 ILLINOIS DOT  
 PROJECT: 74A46  
 OFFICE: DISTRICT 7  
 DRAWING: 74A46-500-001

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

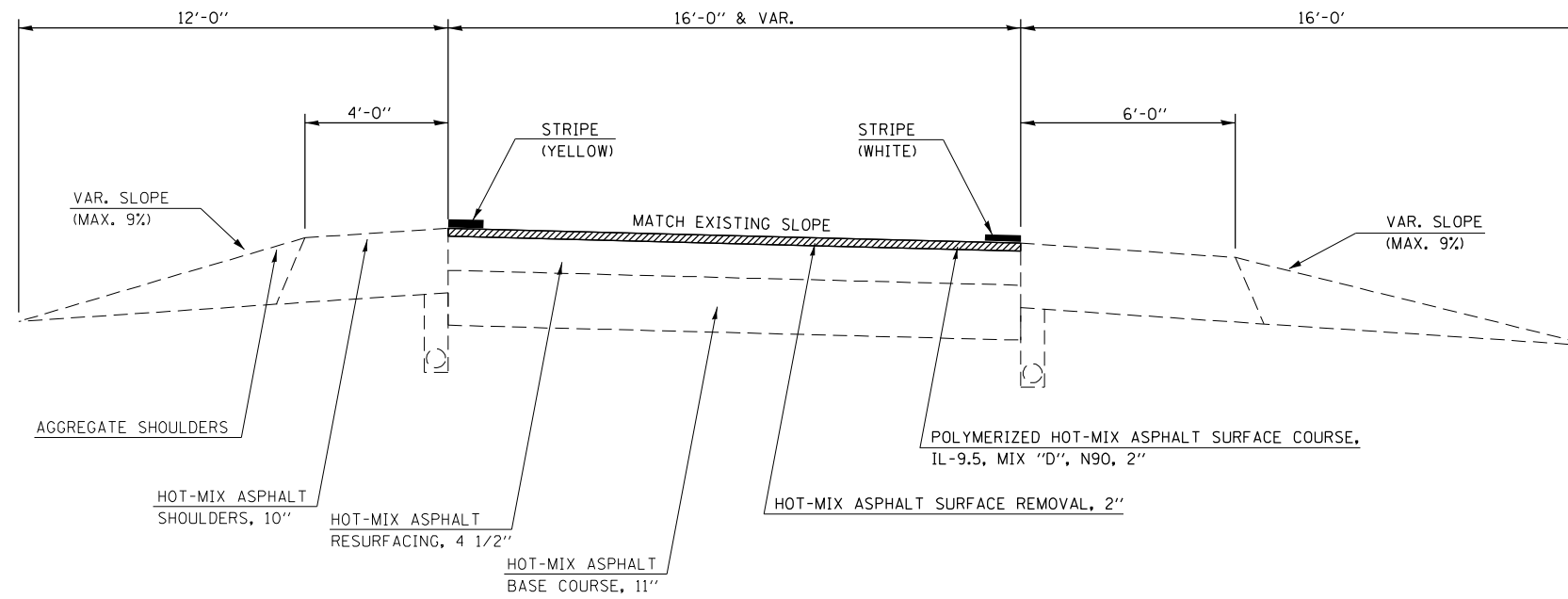
SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

• FAI 72 (I-72) & FAP 322 (US 51)

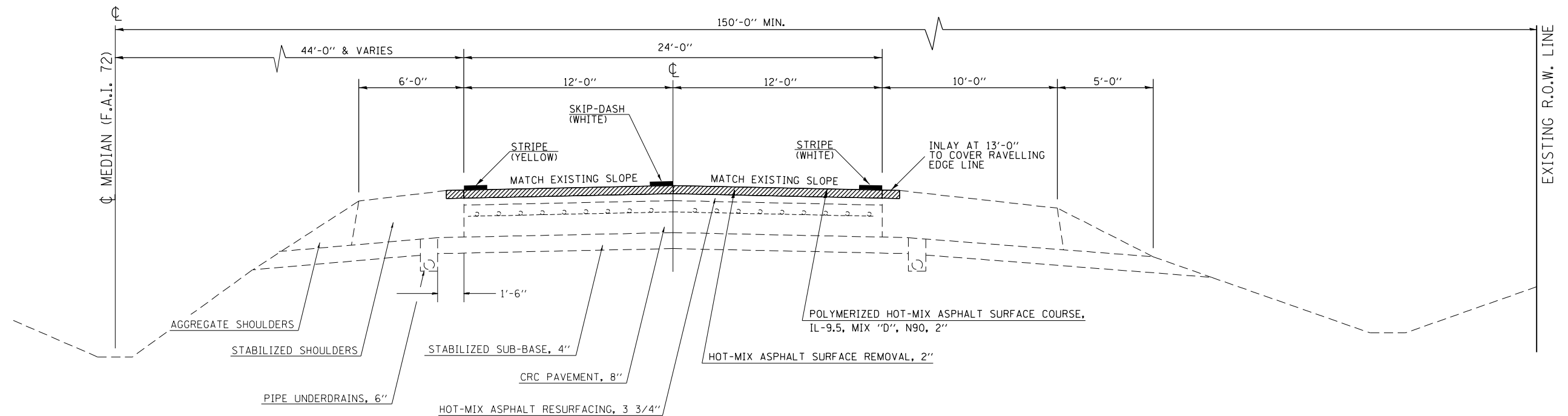
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	3
CONTRACT NO. 74A46				
ILLINOIS			FED. AID PROJECT	

# PROPOSED TYPICAL CROSS SECTION

LOCATION #1  
RAMP B (US 51 / IL 48)



LOCATION #2  
I-72 (EB & WB)  
@ SN 058-0063/64



• FAI 72 & FAP 322 (US 51)

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	4
CONTRACT NO. 74A46				
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
 FILE NAME: p:\pub\harron\dot\illinois\dot\p\p\DOT\Documents\DOT\_Offices\Drawings\74A46\Drawings\74A46-ty1-cs1.kgp

LOCATION #1 - US 51 BYPASS (SB) TO IL 48 RAMP				
0.00 = TOP OF RAMP				
LANE	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)
SB OFF RAMP	0 TO 800	800.00	16.00	1422.22
SB OFF RAMP	AT STOP BAR NEAR BOTTOM OF RAMP	120.00	VAR	434.35
<b>TOTALS =</b>		<b>920.00</b>		<b>1856.57</b>

BITUMINOUS MATERIALS (TACK COAT)	835.46 LBS
TEMPORARY RAMP	92.86 SQ YD
POLY HMA SURFACE COURSE, MIX "D", N90	207.94 TONS
HMA SURFACE REMOVAL, 2"	1856.57 SQ YD
SHORT TERM PAVEMENT MARKING	160.00 FEET
SHORT TERM PAVEMENT MARKING REMOVAL	53.33 SQ FT
THERMOPLASTIC PAVEMENT MARKING, L&S	32.00 SQ FT
THERMOPLASTIC PAVEMENT MARKING, 6"	1483.00 FEET
THERMOPLASTIC PAVEMENT MARKING, 8"	599.00 FEET
THERMOPLASTIC PAVEMENT MARKING, 12"	57.00 FEET
THERMOPLASTIC PAVEMENT MARKING, 24"	36.00 FEET
RAISED REFLECTIVE PAVEMENT MARKER	42.00 EACH
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	42.00 EACH

LOCATION #2 - I-72(WEST) APPROACHES TO SN 058-0063 & 058-0064				
0.00 = END OF DECK				
LANE	LOCATION	LENGTH (FEET)	WIDTH (FEET)	AREA (SQ YD)
EB	APPROACH END	110.00	26.00	317.78
EB	DEPARTURE END	110.00	26.00	317.78
WB	APPROACH END	110.00	26.00	317.78
WB	DEPARTURE END	110.00	26.00	317.78
<b>TOTALS =</b>		<b>440.00</b>		<b>1271.11</b>

BITUMINOUS MATERIALS (TACK COAT)	572.00 LBS
TEMPORARY RAMP	154.15 SQ YD
POLY HMA SURFACE COURSE, MIX "D", N90	142.36 TONS
HMA SURFACE REMOVAL, 2"	1271.11 SQ YD
SHORT TERM PAVEMENT MARKING	288.00 FEET
SHORT TERM PAVEMENT MARKING REMOVAL	96.00 SQ FT
THERMOPLASTIC PAVEMENT MARKING, 6"	1000.00 FEET
RAISED REFLECTIVE PAVEMENT MARKER	8.00 EACH
RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	8.00 EACH

MODEL: Default  
 FILE NAME: p:\pub\harronm.dwt\illinois.gov\PIWDOT\Documents\DOT\_Offices\Distric\_7\Project\71446\CADD\DATA\CADD\Sheet\071446-51r-schedulc.dgn

\* FAI 72 (I-72) & FAP 322 (US 51)

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

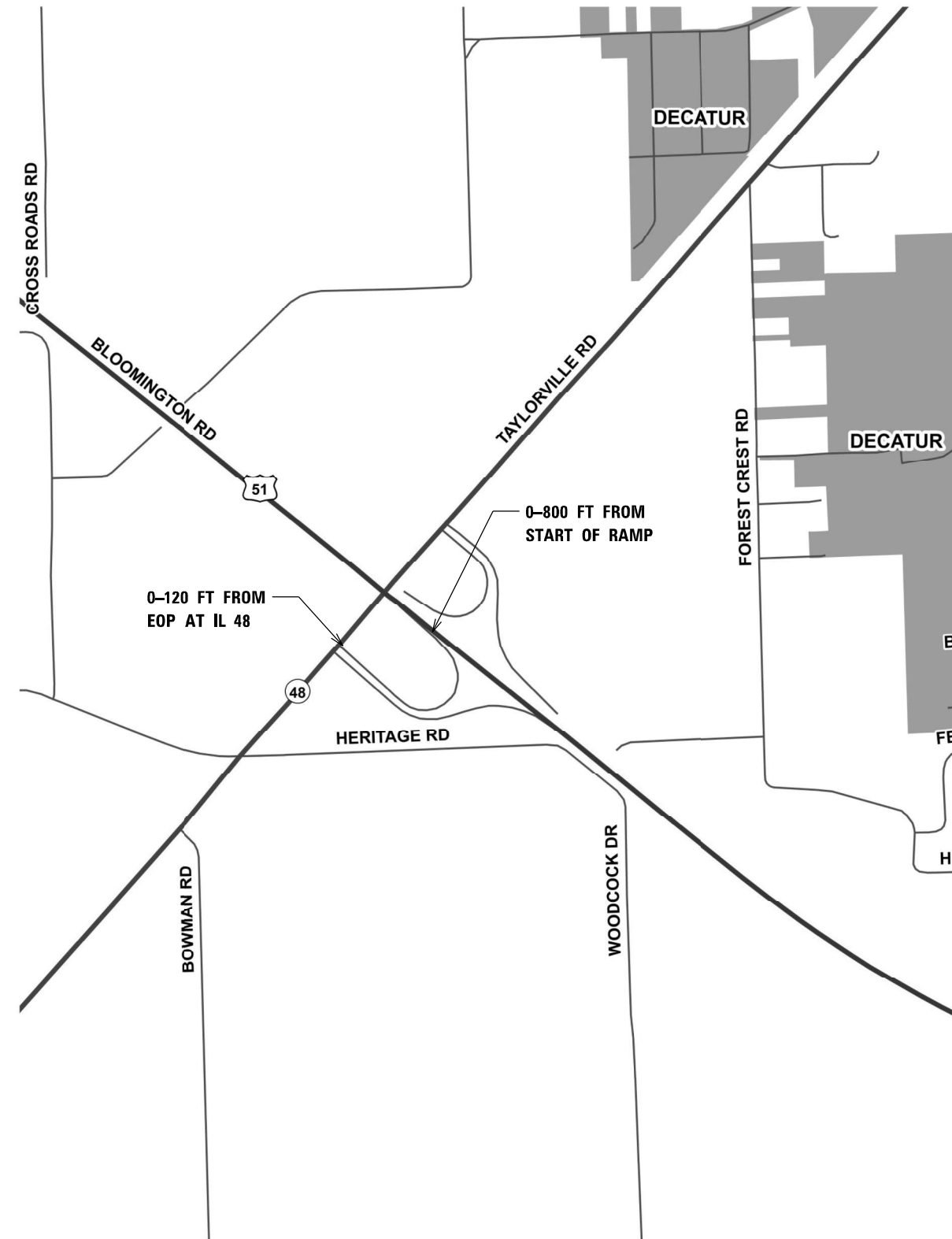
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULES OF QUANTITIES**

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	5
			CONTRACT NO. 74A46	
		ILLINOIS	FED. AID PROJECT	

# LOCATION #1 – US 51 BYPASS (SB) AT IL 48



MODEL: Default  
 FILE NAME: p:\pub\harronm.dwt\illinois.gov\PIWIDOT\Documents\IDOT\_Offices\District 7\Projects\7446\CADD\Drawings\7446-51-46-1.dgn

\* FAI 72 & FAP 322 (US 51)

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

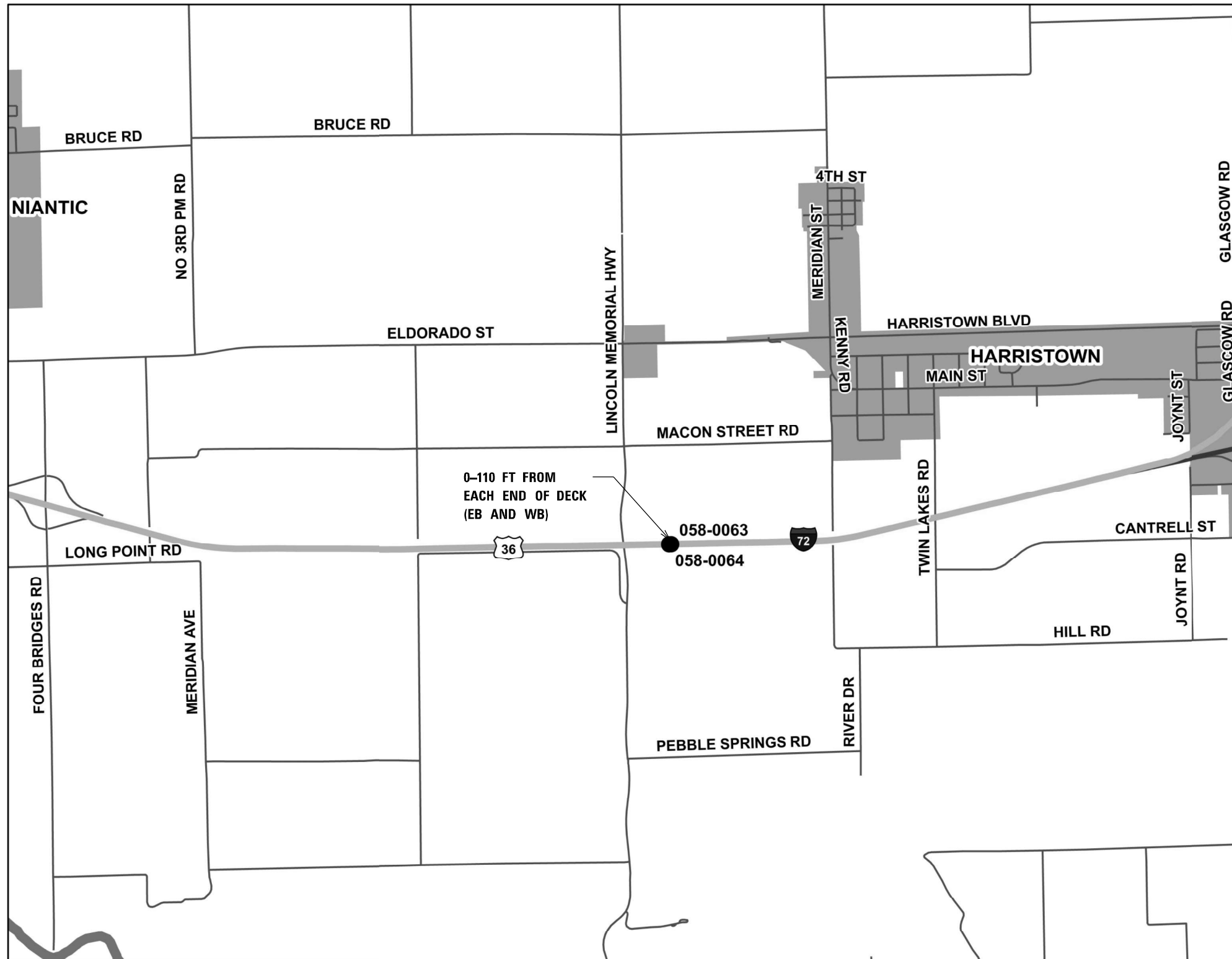
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION MAPS**

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	6
			CONTRACT NO. 74A46	
		ILLINOIS	FED. AID PROJECT	

# LOCATION #2 - I-72 WEST OF DECATUR (SN 058-0063/64)



MODEL: Default  
 FILE NAME: p:\pub\harrington.dwg  
 PROJECT: P:\pub\harrington.dwg  
 OFFICE: IDOT  
 OFFICE: IDOT  
 PROJECT: 74446  
 CONTRACT: 74446  
 SHEET: 74446

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

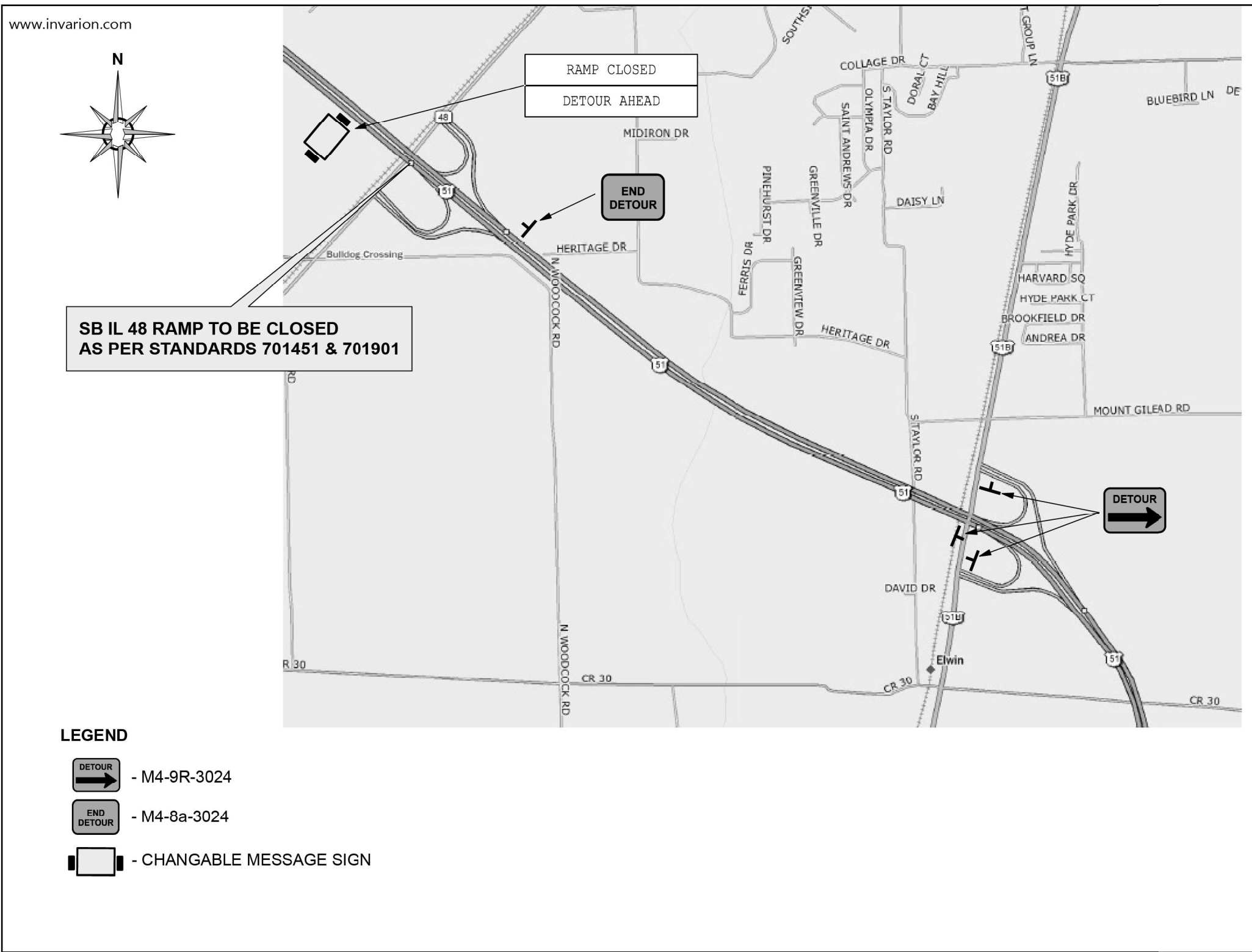
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**LOCATION MAPS**

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

\* FAI 72 & FAP 322 (US 51)

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	7
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE NAME: p:\pub\harronm.dwt\illinois.gov\PIWDOT\Documents\IBDOT\_Offices\District 7\Projects\74446\CADD\Drawings\74446-8-46-1.dwg

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = 5/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

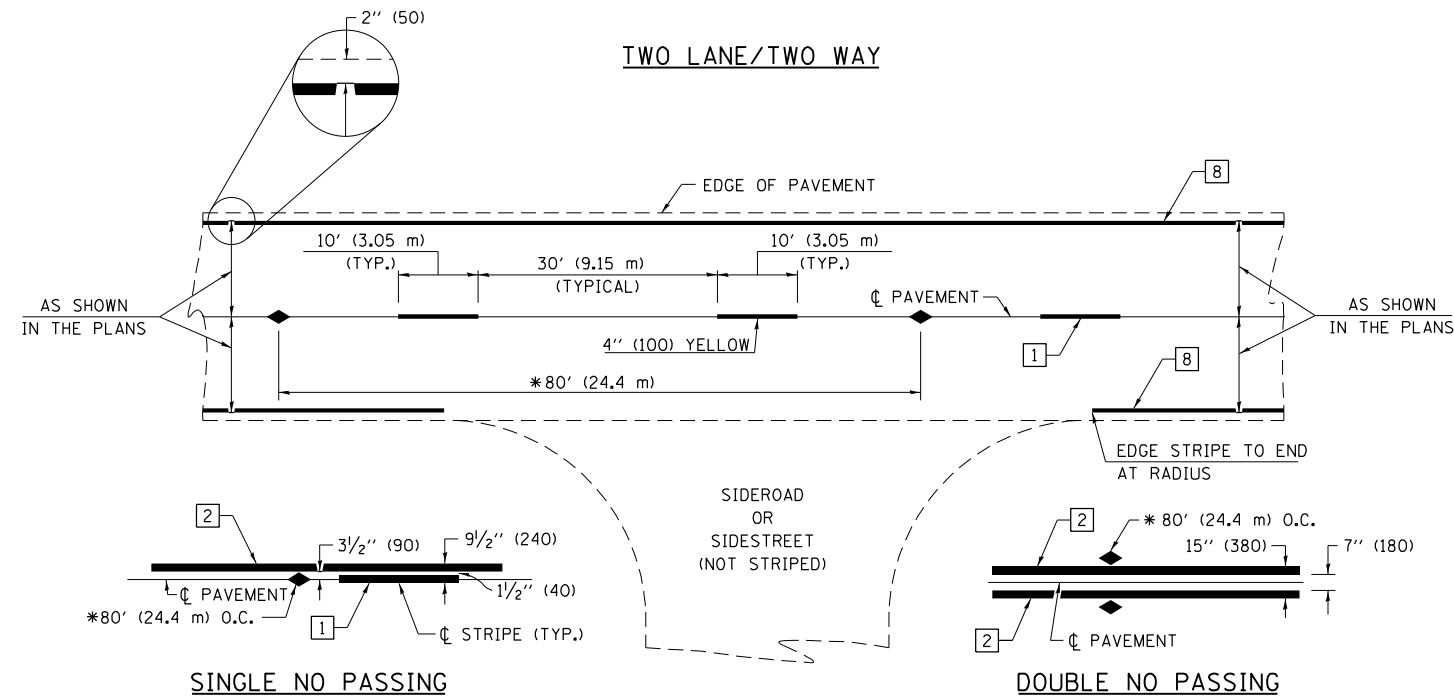
**DETOUR SIGNING  
LOCATION #1**

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

\* FAI 72 & FAP 322 (US 51)

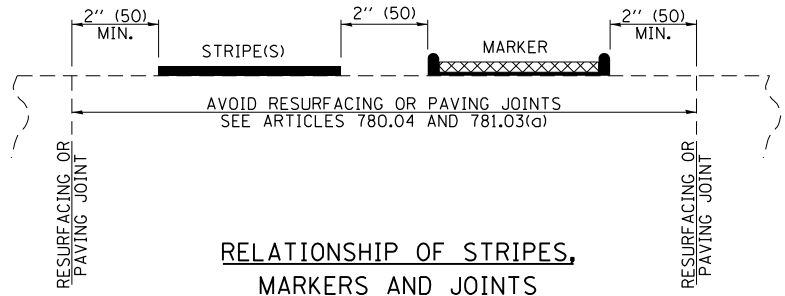
F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	8
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				





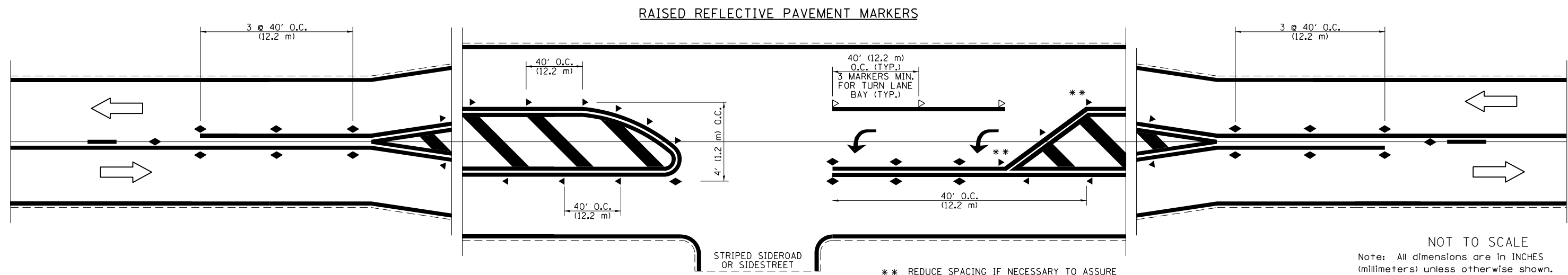
**PAVEMENT MARKING LEGEND**

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 12" (300) SOLID WHITE
  - 6 RESERVED
  - 7 6" (150) 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) PARKING WHITE
- 



**TYPICAL PAVEMENT MARKERS LEGEND**

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



NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planning\dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74446\DRAWN\CADsheets\0774446-shd-details.dgn		REVISOR -	REVISED -
	PLOT SCALE = 5000.0000 / in.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2021	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

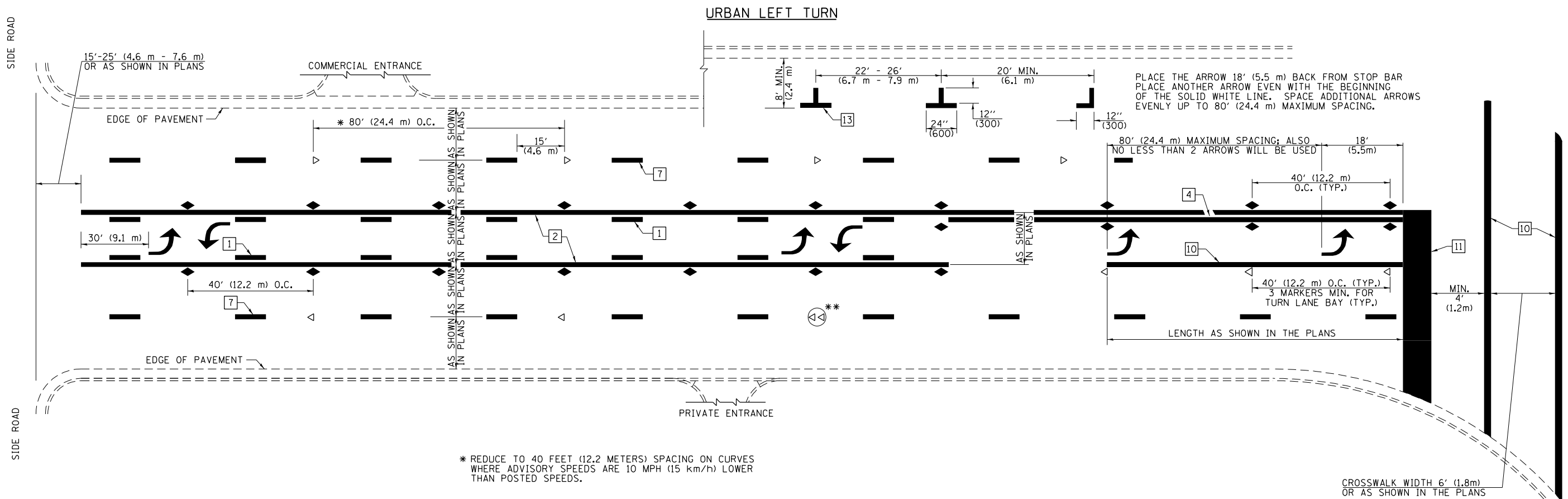
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
 (RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

**DISTRICT 7 DETAIL NO. 7800001**

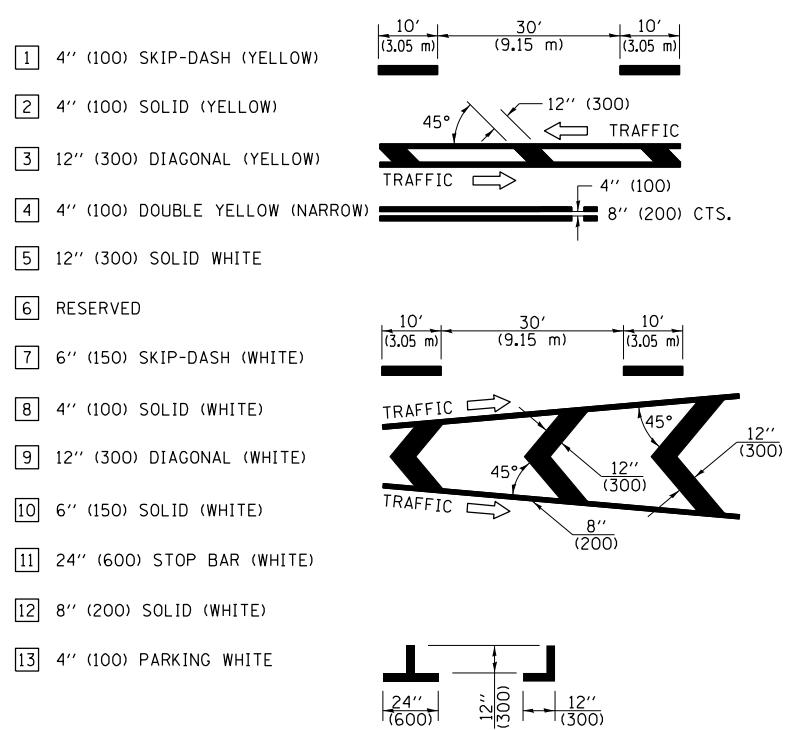
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	D7 HMA RESURF 2021-4	MACON	14	9
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				

\* FAI 72 (I-72) & FAP 322 (US 51)



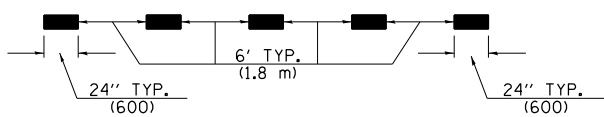
- \* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**PAVEMENT MARKING LEGEND**

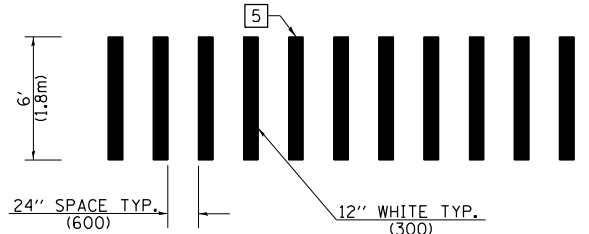


**GENERAL NOTES**

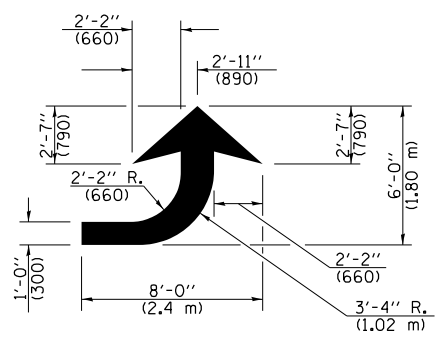
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. 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.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**LANE LINE EXTENSIONS**

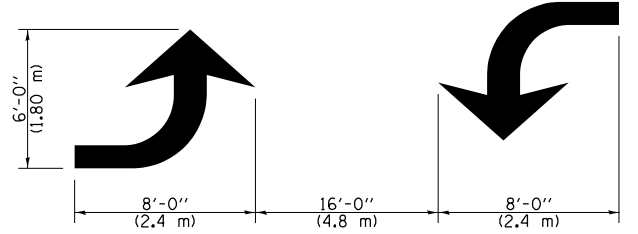


**CROSSWALK DETAIL (DECATUR CITY LIMITS ONLY)**



**LEFT ARROW**

REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE

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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74446\DRAWN\CADsheets\0774446-shd-details.dwg		REVISOR -	REVISED -
	PLOT SCALE = 5000.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2021	DATE -	REVISED -

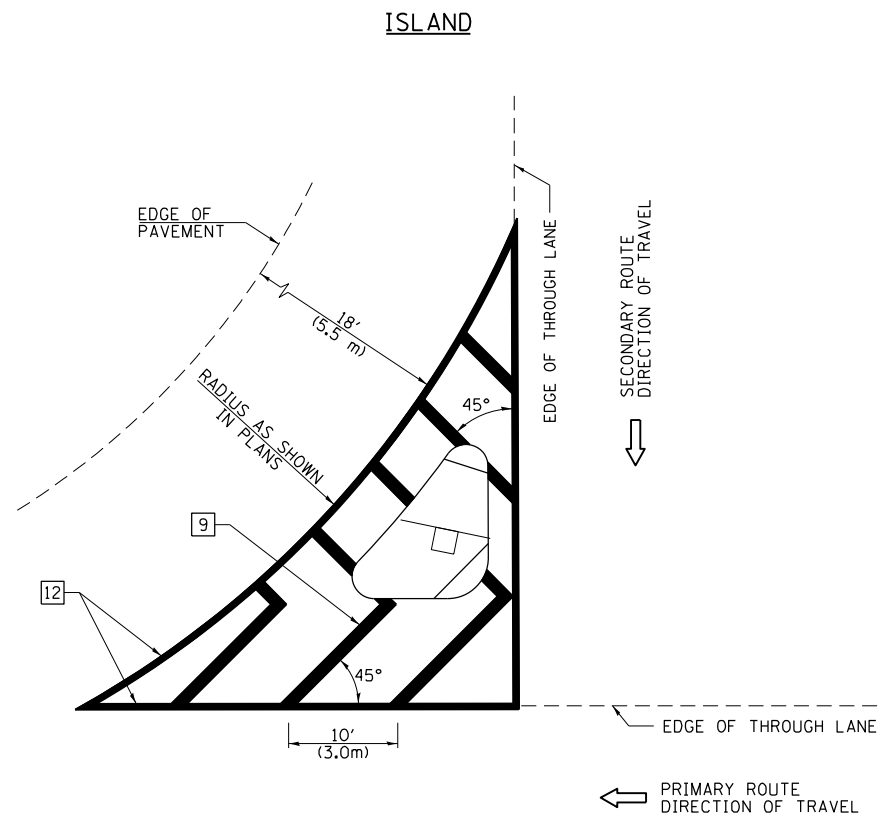
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

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

SCALE: SHEET NO. 2 OF 4 SHEETS STA. TO STA.

\* FAI 72 (I-72) & FAP 322 (US 51)

<b>DISTRICT 7 DETAIL NO. 78000001</b>				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7	D7 HMA RESURF 2021-4	MACON	14	10
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				

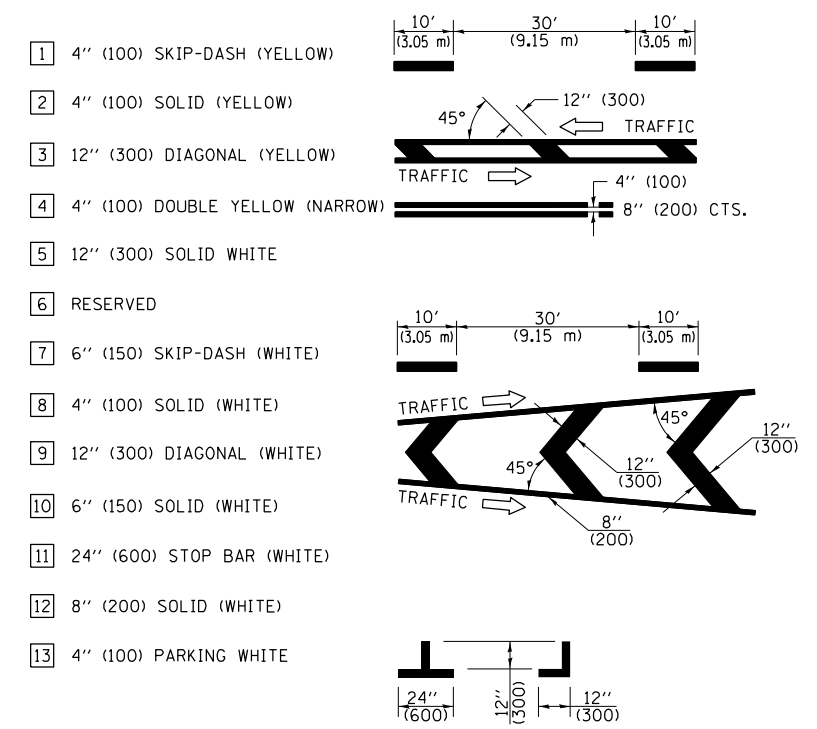


**GENERAL NOTES**

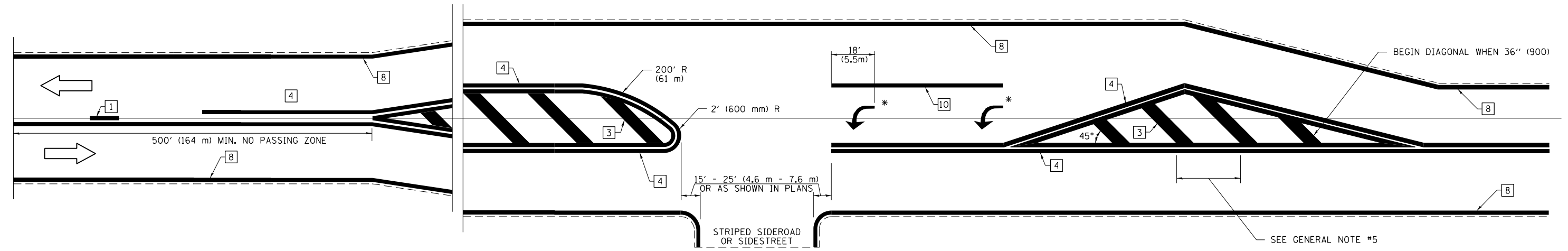
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:
 

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



\* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE  
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\planning\dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74446\DRAWING\CADsheets\0774446-shd-details.dwg		REVISIONS	
	PLOT SCALE = 5000.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 5/5/2021	DATE -	REVISED -

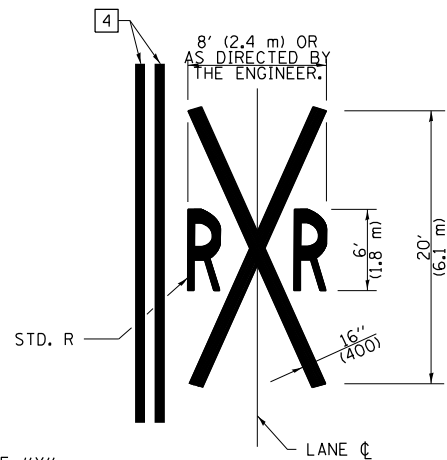
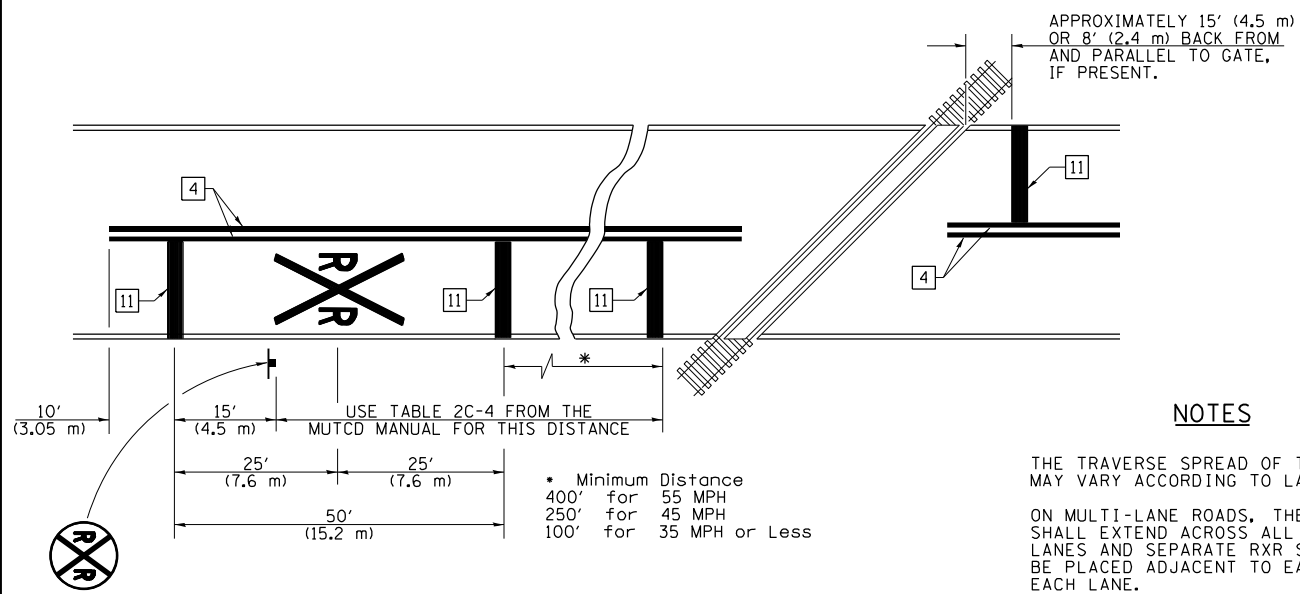
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
 (RURAL & URBAN APPLICATIONS)**  
 SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

<b>DISTRICT 7 DETAIL NO. 78000001</b>				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 HMA RESURF 2021-4	MACON	14	11
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				

\* FAI 72 (I-72) & FAP 322 (US 51)

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

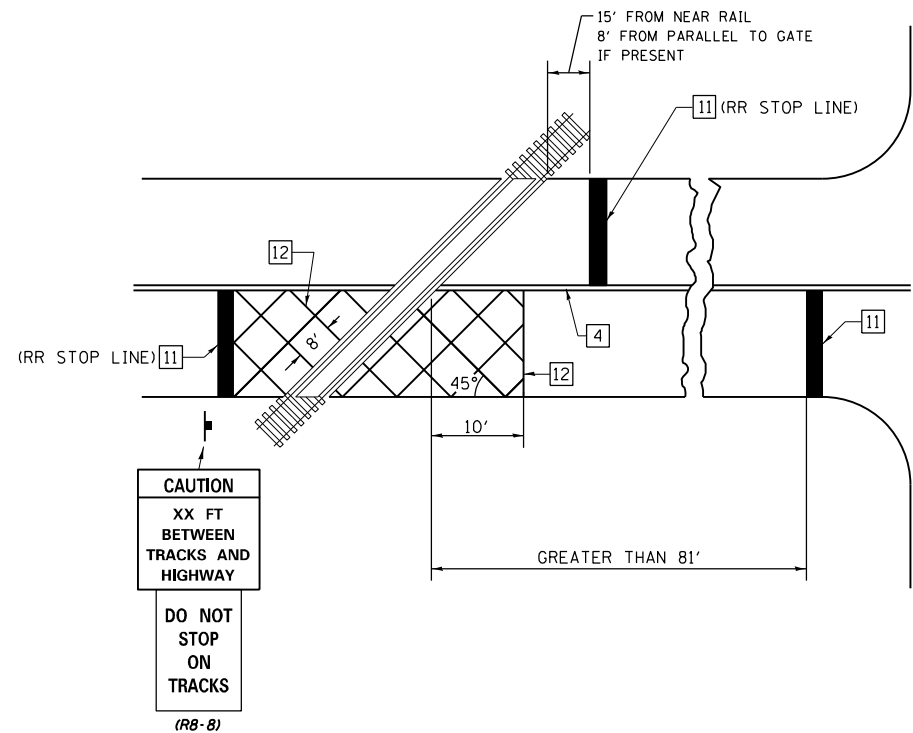
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

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.

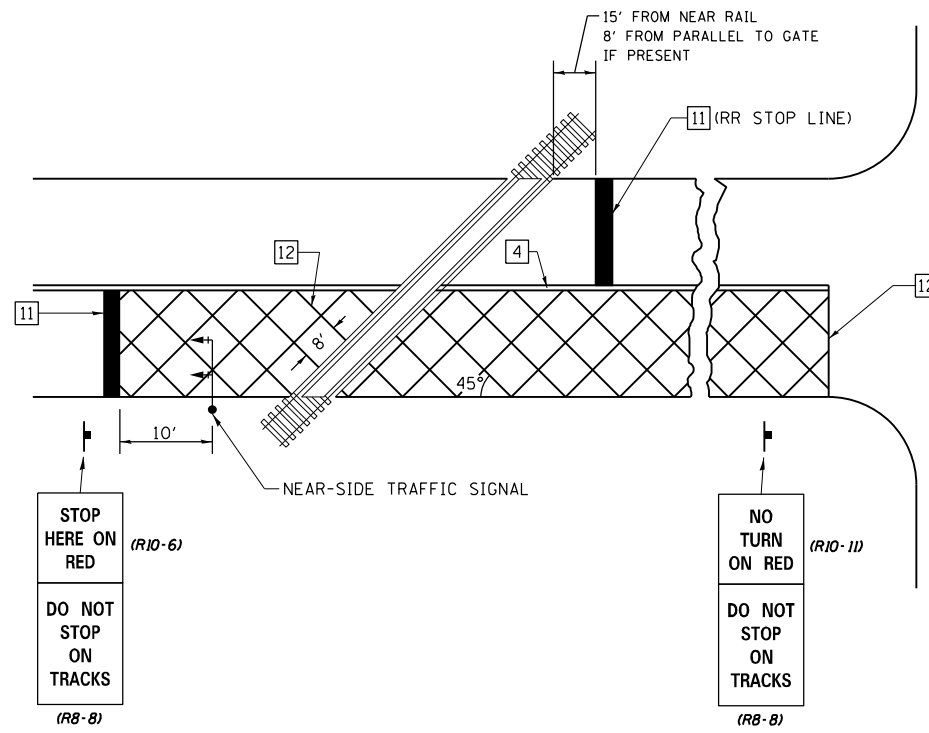
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
  - 2 4" (100) SOLID (YELLOW)
  - 3 12" (300) DIAGONAL (YELLOW)
  - 4 4" (100) DOUBLE YELLOW (NARROW)
  - 5 12" (300) SOLID WHITE
  - 6 RESERVED
  - 7 6" (150) 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) PARKING WHITE
- 

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



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.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
pw:\planroom.dot.illinois.gov\PIDOT\Documents\IDOT Offices\District 7\Projects\74446\DRAWN\CADsheets\0774446-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

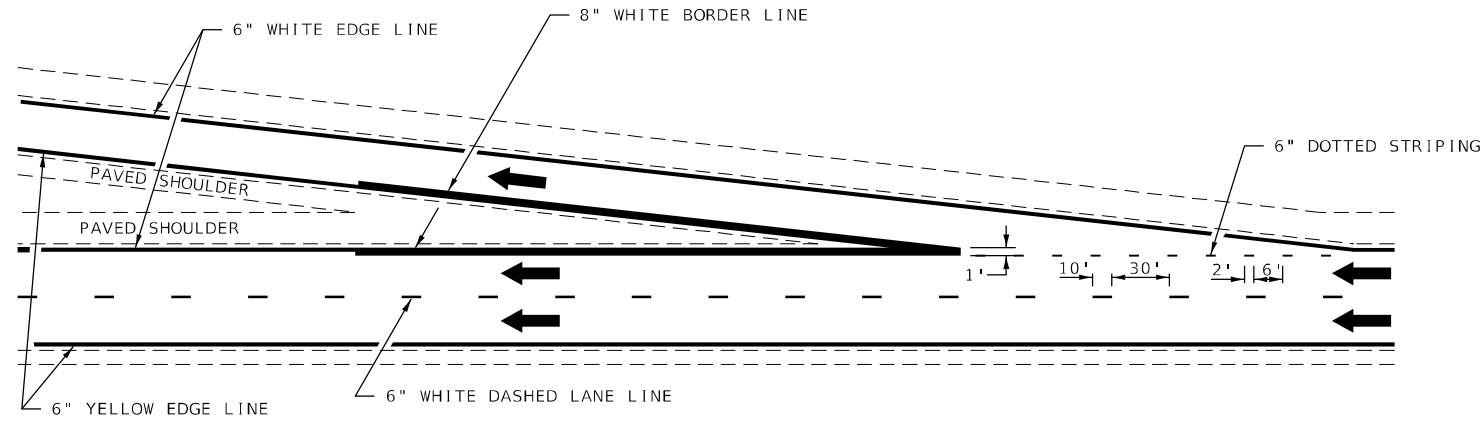
PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

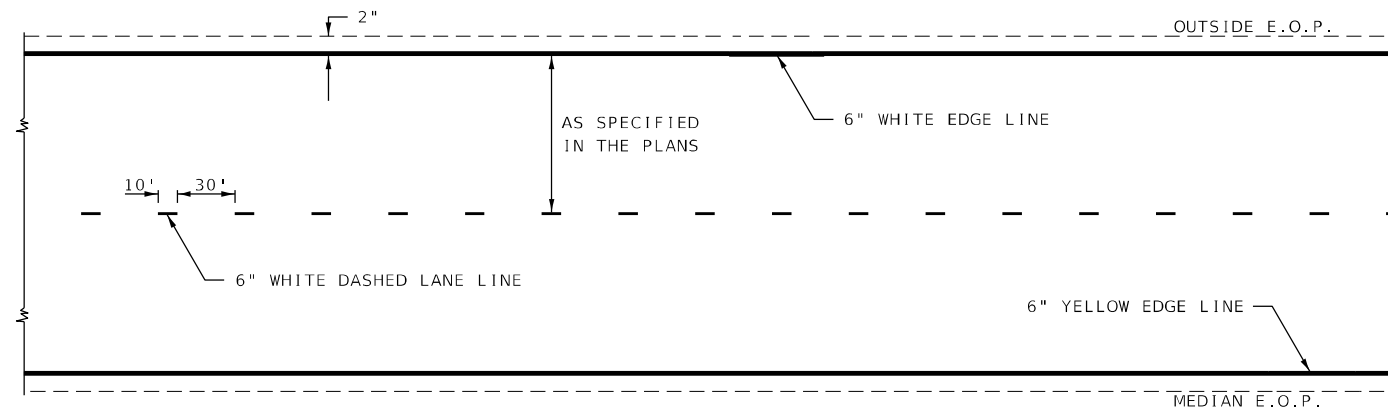
DISTRICT 7 DETAIL NO. 7800001

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 HMA RESURF 2021-4	MACON	14	12
CONTRACT NO. 74A46				
ILLINOIS FED. AID PROJECT				

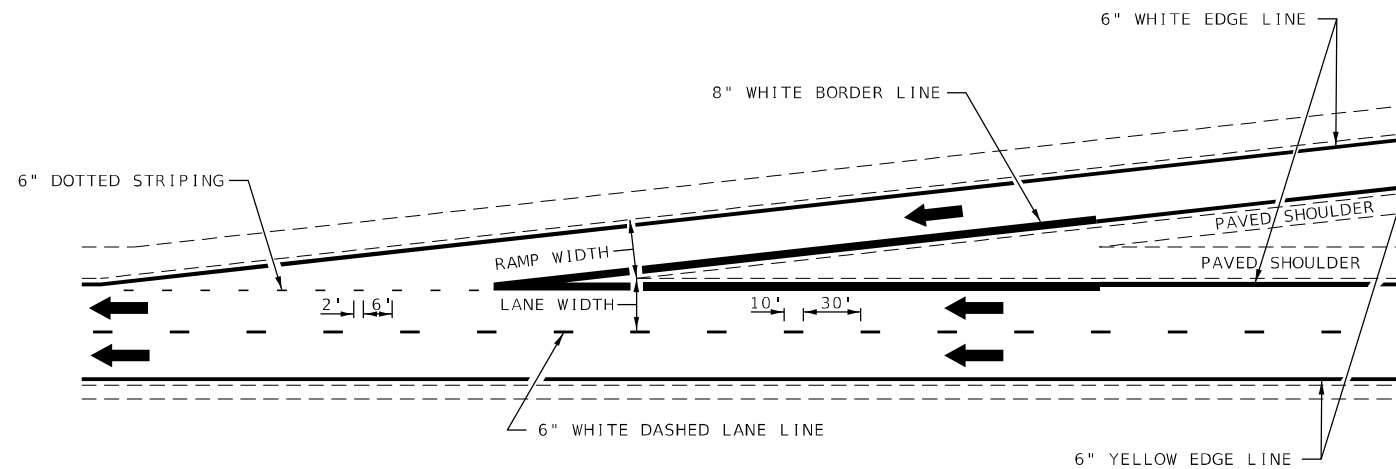
\* FAI 72 (I-72) & FAP 322 (US 51)



TYPICAL EXIT RAMP MARKING



TYPICAL CENTERLINE & EDGELINE MARKINGS



TYPICAL ENTRANCE RAMP MARKING

NOT TO SCALE

\* FAI 72 (I-72) & FAP 322 (US 51)

**DISTRICT 7 DETAIL NO. 7800002**

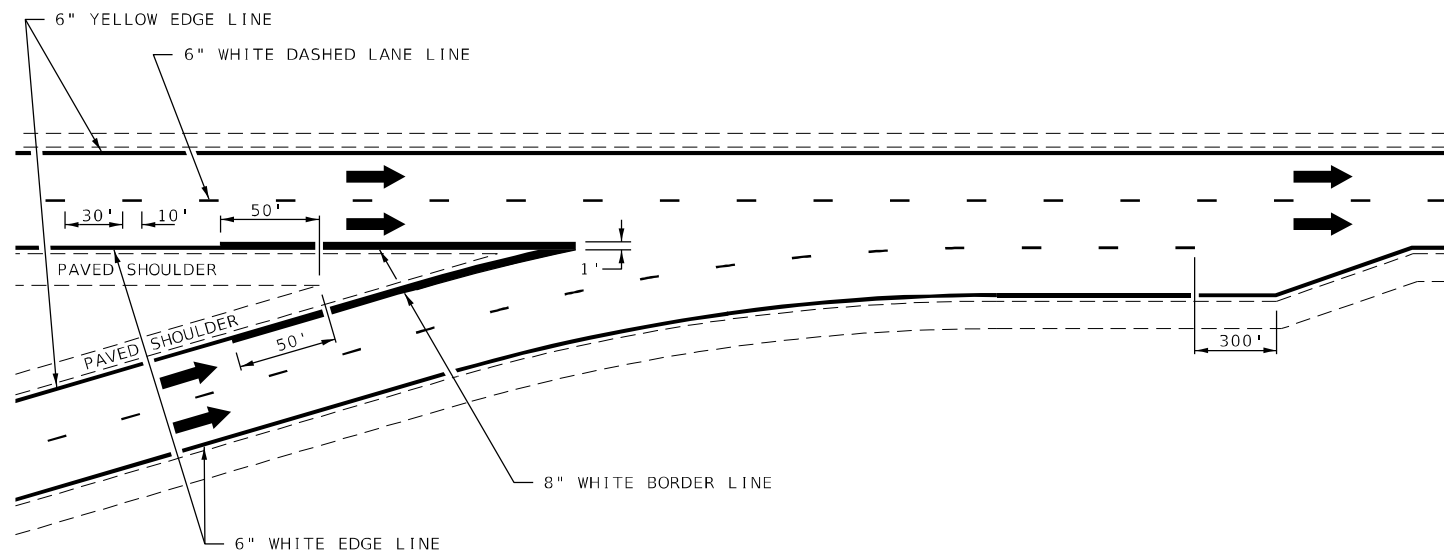
USER NAME = steffenmk	DESIGNED -	REVISED - MKS 04-08
	DRAWN -	REVISED - DRM 01-09
PLOT SCALE = 5000,0000 ' / in.	CHECKED -	REVISED - DRM 12-10
PLOT DATE = 5/5/2021	DATE -	REVISED - MAD 01-20

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

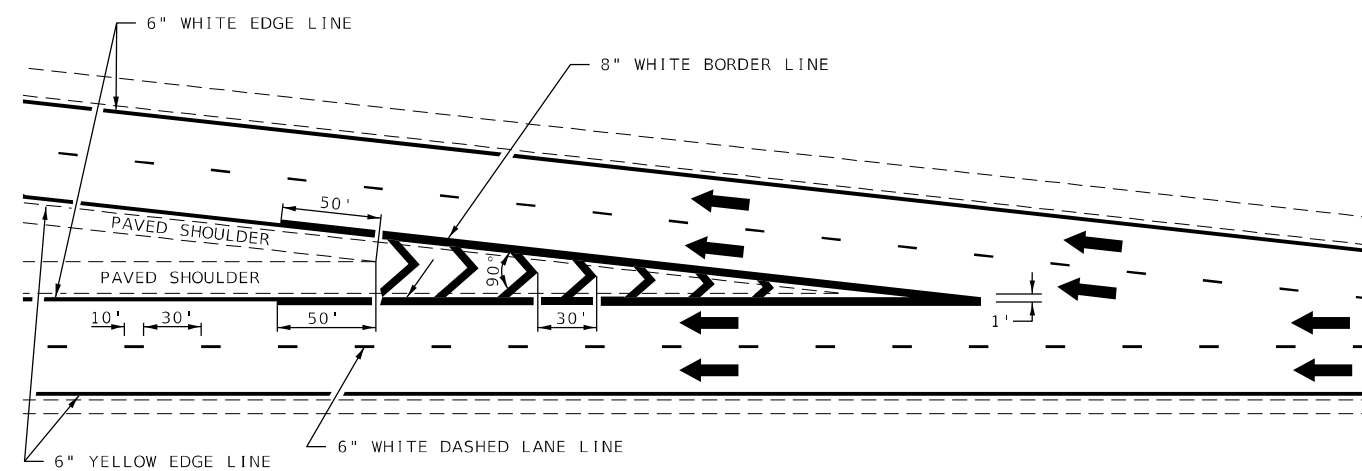
**TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY  
PAVEMENT MARKING**

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

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	13
			CONTRACT NO. 74A46	
ILLINOIS FED. AID PROJECT				

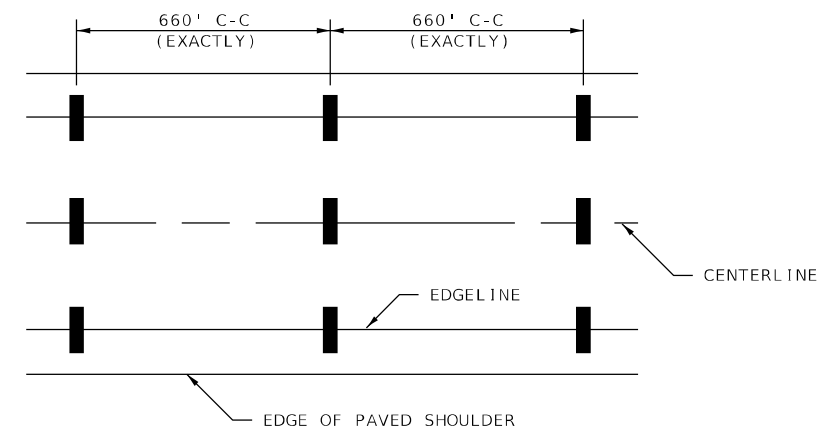


TYPICAL CONVERGENCE MARKING

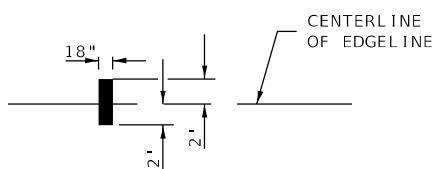


TYPICAL DIVERGENCE MARKING

AERIAL SPEED CHECK ZONES



IT WILL BE NECESSARY TO HAVE A REPRESENTATIVE OF THE STATE POLICE PRESENT SO THAT THE ACCURACY OF MEASUREMENT CAN BE ATTESTED TO IN COURT.



NOT TO SCALE

\* FAI 72 (I-72) & FAP 322 (US 51)

MODEL: Default  
 FILE NAME: p:\pub\harronm.dwt\illinois.gov\PWIDOT\Documents\IBDOT\_Offices\District 7\Projects\74446\CADD\Drawings\74446-SP-crete11c.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -	MMO 12-99
	DRAWN -	REVISED -	DRM 08-04
PLOT SCALE = 5000.0000' / in.	CHECKED -	REVISED -	MKS 04-08
PLOT DATE = 5/5/2021	DATE -	REVISED -	DRM 01-09

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

TYPICAL APPLICATIONS OF FREEWAY/EXPRESSWAY  
 PAVEMENT MARKING

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

DISTRICT 7 DETAIL NO. 7800002				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
-	D7 HMA RESURF 2021-4	MACON	14	14
			CONTRACT NO. 74A46	
ILLINOIS FED. AID PROJECT				