

077

FAI RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 Patch 2020-3	JEFFERSON	9	1
		ILLINOIS	CONTRACT NO. 78757	

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

**PROPOSED  
HIGHWAY PLANS**

**FAI ROUTE 64 (I-64)  
SECTION D9 Patch 2020-3  
PATCHING  
JEFFERSON COUNTY**

FOR INDEX OF SHEETS, SEE SHEET NO. 3  
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4

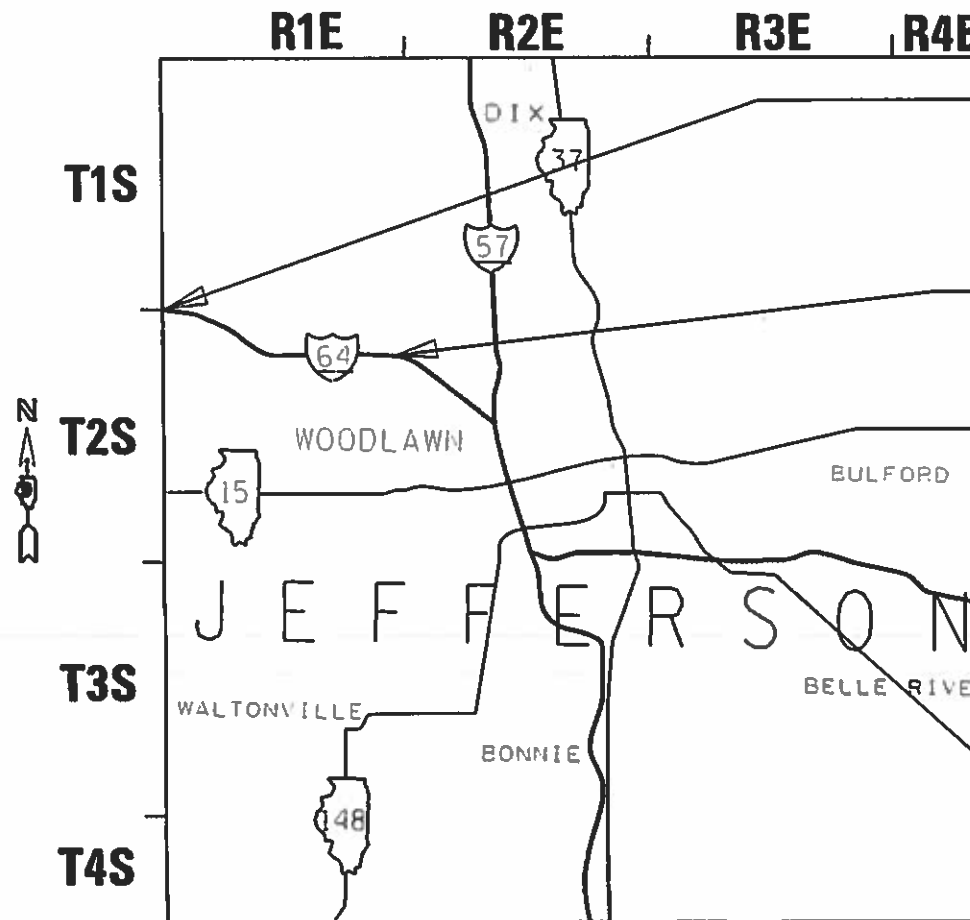
**TRAFFIC DATA**

2018 ADT 26,100 WITH 31% TRUCKS

**TOWNSHIPS**

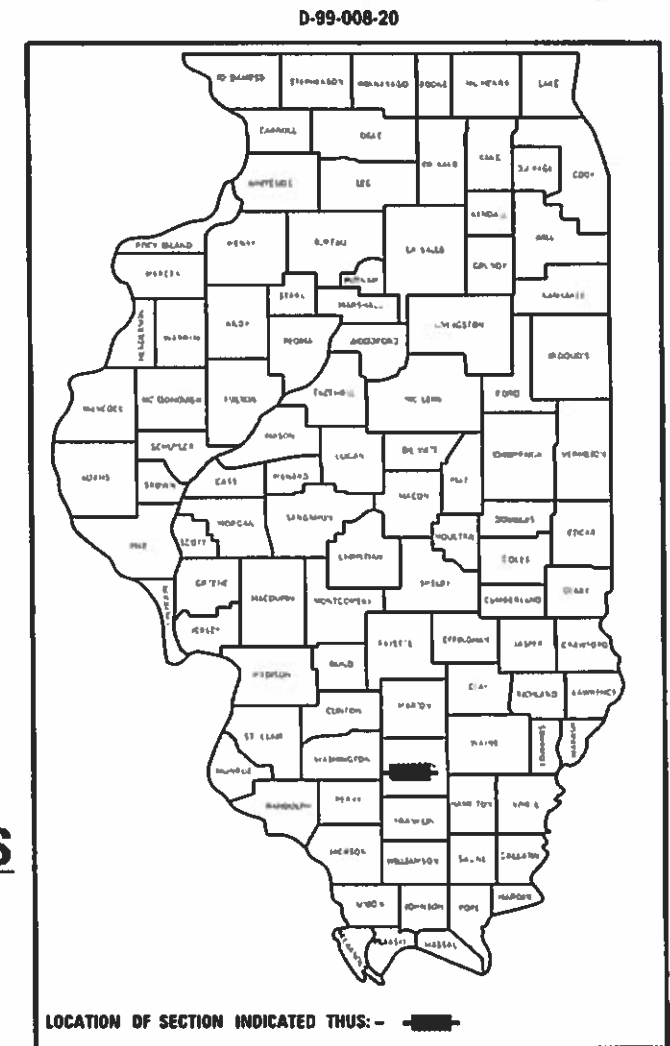
CASNER T2S R1E  
SHILOH T2S R2E

C-99-011-20



**PROJECT BEGINS  
I-64 EB MP 62**

**PROJECT ENDS  
I-64 EB MP 66**



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 SUSAN POE  
PROJECT MANAGER JOHN ROBINSON

CONTRACT NO. 78757

GROSS LENGTH = 4 MILES  
NET LENGTH = 4 MILES

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10-17-2019

*[Signature]*  
REGIONAL ENGINEER

*[Signature]*  
ENGINEER OF DESIGN AND ENVIRONMENT

*[Signature]*  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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Prepared By: Charles Stein  
 DISTRICT STUDIES & PLANS ENGINEER

Examined By: Nancy Lee  
 DISTRICT LAND ACQUISITION ENGINEER

Examined By: Carole  
 DISTRICT PROGRAM DEVELOPMENT ENGINEER

Examined By: Kelley  
 DISTRICT OPERATIONS ENGINEER

Examined By: [Signature]  
 DISTRICT PROJECT IMPLEMENTATION ENGINEER

Examined By: [Signature]  
 DISTRICT CONSTRUCTION ENGINEER

Examined By: [Signature]  
 DISTRICT MATERIALS ENGINEER

USER NAME = robinsonyc	DESIGNED - _____	REVISED - _____
	DRAWN - _____	REVISED - _____
PLOT SCALE = 100.0826' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 10/2/2019	DATE - _____	REVISED - _____

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SIGNATURE SHEET**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 PATCH 2020-3	JEFFERSON	9	2
ILLINOIS FED. AID PROJECT			CONTRACT NO. 78757	

# INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES & MIXTURE REQUIREMENTS, AND COMMITMENTS
4-5	SUMMARY OF QUANTITIES
6	TYPICAL SECTION
7	I-64 EB PATCHING SCHEDULE
8	I-64 EB PAVEMENT MARKING SCHEDULE
9	HMA PATCH-PARTIAL DEPTH DETAIL

# GENERAL NOTES

QUANTITIES SHOWN IN THE PLANS FOR PATCHING ARE ESTIMATES. THE ACTUAL AMOUNT OF PATCHING REQUIRED WILL BE DETERMINED BY THE ENGINEERS.

FACTORS USED FOR ESTIMATING PLAN QUANTITIES ARE AS FOLLOWS AND SHALL NOT BE USED FOR THE BASIS OF FINAL QUANTITIES:

ALL HOT MIX ASPHALT 2.016 TONS/CU YD.

IF ANY STAMPED STATION FALL WITHIN THE PATCH AREA, THE NEW PATCH SHALL BE RESTAMPED. THE STATION SYMBOL STAMPS USED SHALL BE FURNISHED BY THE CONTRACTOR. THEY SHALL BE 5 1/2" TALL OF A DESIGN APPROVED BY THE ENGINEER, AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR.

THERE ARE NO AVAILABLE WASTE SITES ON THE EXISTING RIGHT OF WAY WITHIN THE PROJECT LIMITS. DISPOSAL WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND WASTE MUST BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

# COMMITMENTS

NO COMMITMENTS.

# MIX DESIGN

Locations	Partial Depth Patching and Hot-Mix Asphalt Surface Course Centerline Patching
Mixture Use(s):	Polymerized Hot-Mix Asphalt Surface Course, Mix E, N90
AB/PG:	SBS PG76-22
ABR % (Max):	See Special Provision
Design Air Voids:	4.0 %, 90 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	E Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	QCOA
Sublot Size:	NA

# HIGHWAY STANDARDS

000001-07\_STANDARDSYMBOLSABBREVIATIONS&PATTERNS  
 001006\_DECIMALOFINCH&FOOT  
 701101-05\_OFFRDOP-MULTILN-LESSTHAN15FTTOEOP  
 701106-02\_OFFRDOP-MULTILN-MORETHAN15FTAWAY  
 701401-12\_LNCLOSUREFRWAYEXPWAY  
 701426-09\_LNCLOSUREMULTILN-INTERMITTANTORMOVINGOP45MPHORMORE  
 701428-01\_TRAFFICCONTROLSETUPREMOVALFREEWAYEXPRESSWAY  
 701901-08\_TRAFCNTRLDEVICES  
 780001-05\_TYPICALPVMTRKINGS  
 781001-04\_TYPICALAPPRAISEDREFLCPVMTMRKRS

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, STATION EQUATION, & OMISSIONS, GENERAL NOTES, HIGHWAY STANDARDS, AND MIXTURE REQUIREMENTS	
SCALE: _____	SHEET _____ OF _____ SHEETS STA _____ TO STA _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 PATCH 2020-3	JEFFERSON	9	3
			CONTRACT NO. 78757	
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

ROUTE#	FAI 64 ( I-64 )
COUNTY#	JEFFERSON
FUNDING#	100% STATE
LOCATION#	RURAL
TOTAL QUANTITY	ROADWAY 0005

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	ROADWAY 0005
40600290	BITUMINOUS MATERIALS ( TACK COAT )	POUND	3000	3000
40604174	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "E", N90	TON	248	248
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	2196	2196
44213200	SAW CUTS	FOOT	20	20
67100100	MOBILIZATION	L SUM	1	1
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DA	14	14
70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1
70300100	SHORT TERM PAVEMENT MARKING	FOOT	1075	1075
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	365	365
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	1176	1176
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	2471	2471
* 78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	1176	1176



REV. - MS

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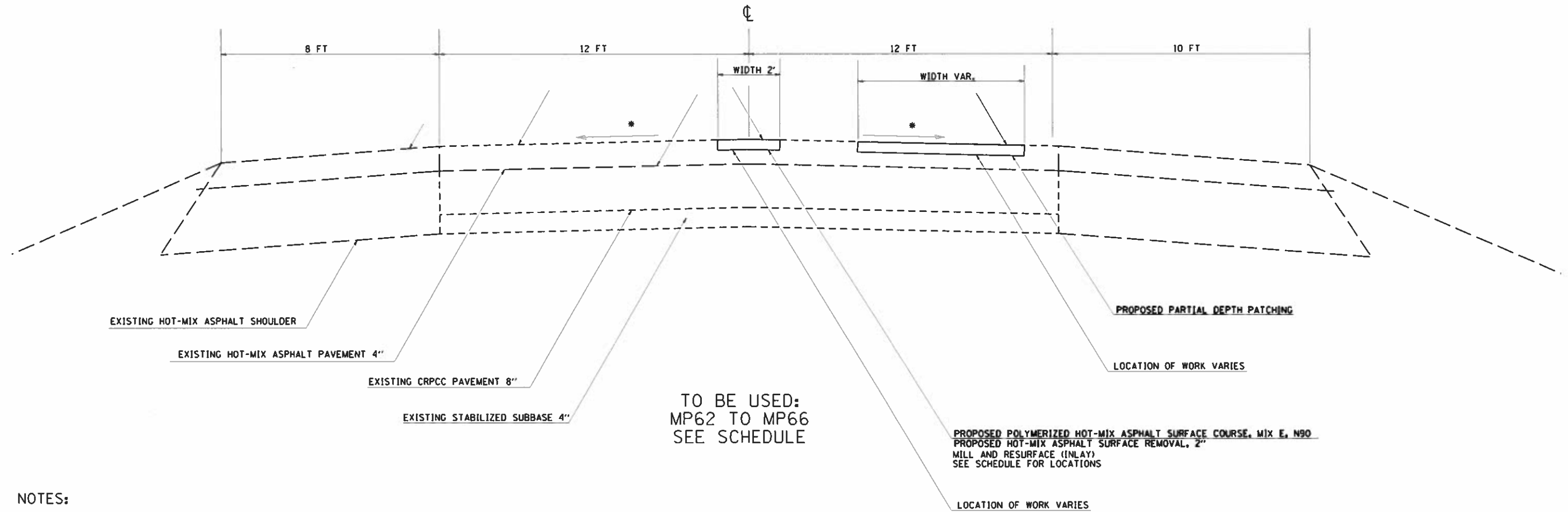
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUMMARY OF QUANTITIES</b>	
SCALE: _____	SHEET 1 OF 2 SHEETS STA. _____ TO STA. _____

F.A.I. RTE. 64	SECTION D9 PATCH 2020-3	COUNTY JEFFERSON	TOTAL SHEETS 9	SHEET NO. 4	CONTRACT NO. 78757
ILLINOIS FED. AID PROJECT					



# TYPICAL SECTION



**NOTES:**

- MATCH EXISTING CROSS SLOPE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTION**

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

FAI RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 PATCH 2020-3	JEFFERSON	9	6
CONTRACT NO. 78757				
ILLINOIS FED. AID PROJECT				

## I-64 EAST BOUND PATCHING (ESTIMATE ONLY)

LOCATION	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	PARTIAL DEPTH REMOVAL, TYPE I, 2"	PARTIAL DEPTH REMOVAL, TYPE III, 2"	PARTIAL DEPTH REMOVAL, TYPE IV, 2"	HMA SURFACE REMOVAL, 2"	PARTIAL DEPTH PATCHING	HMA POLY. SURFACE COURSE, "MIX E", N90	BIT MAT. (TACK COAT)	SAW CUTS	
MP	PASSING LANE	CENTERLINE		DRIVING LANE			SOYD	SOYD	SOYD	SOYD	TON	TON	POUND	FOOT	
I-64 EAST BOUND															
COUNTY LINE															
62.31			2	5021						1116		125	503	4	
62.75					12	776					116		466		
63.16					12	50		67	1035		8		30		
63.26					12	333			444		50		200		
63.32			2	1098						244		28	110	4	
63.35					2	20	5				1		2		
63.53					12	158			211		24		95		
63.56			2	242						54		7	25	4	
63.61					13	412			596		67		268		
63.68			2	1954						435		49	196	4	
63.90	4	15					7				1		3		
64.08			2	1558	2	243		54		347	7	39	181	4	
64.15					2	444		99			12		45		
64.33	12	100							134		15		60		
64.37					13	143			207		24		93		
64.45					13	465			672		76		303		
64.68					13	164			237		27		107		
64.75					2	454			101		12		46		
65.26					12	444			592		67		267		
<b>TOTAL</b>							12	220	4229	2196	507	248	3000	20	

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

<b>PATCHING SCHEDULE</b>	
<b>I-64 EASTBOUND</b>	
SCALE _____	SHEET _____ OF _____ SHEETS STA. _____ TO STA. _____

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 PATCH 2020-3	JEFFERSON	9	7
CONTRACT NO. 78757				
ILLINOIS FED AID PROJECT				

## I-64 EAST PAVEMENT MARKING

LOCATION	WIDTH	LENGTH	WIDTH	LENGTH	WIDTH	LENGTH	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"		MODIFIED URETHANE PAVEMENT MARKING - LINE 6"	TEMP PAVEMENT MARKING	TEMP PAVEMENT MARKING	TEMP PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING	SHORT TERM PAVEMENT MARKING	RAISED REFLECTIVE PAVEMENT MARKER	RAISED REFLECTIVE PAVEMENT MARKER	
							OUTSIDE WHITE	INSIDE YELLOW	SKIP DASH	LINE 4"	LINE 6"	REMOVAL		REMOVAL	REMOVAL		
MP	PASSING LANE	CENTER LINE		DRIVING LANE		FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	EACH	EACH		
I-64 EAST BOUND							FOOT	FOOT	FOOT	FOOT	FOOT	SO FT	FOOT	SO FT	EACH	EACH	
COUNTY LINE																	
62.31			2	5021					1256		1256		502	168	126	126	
62.75					12	776											
63.16					12	50											
63.26					12	333							12	4			
63.32			2	1098					275		275		110	37	28	28	
63.35					2	20	20			20		7	4	2			
63.53					12	158							4	2			
63.56			2	242					61		61	31	24	9			
63.61					13	412							32	11			
63.68			2	1954					489		489	245	195	66	50	50	
63.90	4	15						15		15	5	4	2				
64.08			2	1558	2	243	243		390	243	390	195	156	52	40	40	
64.15					2	444	444			444		148	16	6			
64.33	12	100															
64.37					13	143											
64.45					13	465											
64.68					13	164											
64.75					2	454	454			454		152	16	6			
65.26					12	444											
<b>TOTAL</b>							<b>1176</b>	<b>2471</b>	<b>1176</b>	<b>2471</b>	<b>782</b>	<b>1075</b>	<b>365</b>	<b>244</b>	<b>244</b>		

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 SHEET: 8 OF 9

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

<b>PAVEMENT MARKING SCHEDULE</b>			
<b>I-64 EASTBOUND</b>			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
64	D9 PATCH 2020-3	JEFFERSON	9	8
CONTRACT NO. 78757				
ILLINOIS FED. AID PROJECT				



