

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

FAU RTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	1
		ILLINOIS	CONTRACT NO. 78700	

FOR INDEX OF SHEETS, SEE SHEET NO. 3

FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 4-5

**PROPOSED  
HIGHWAY PLANS**

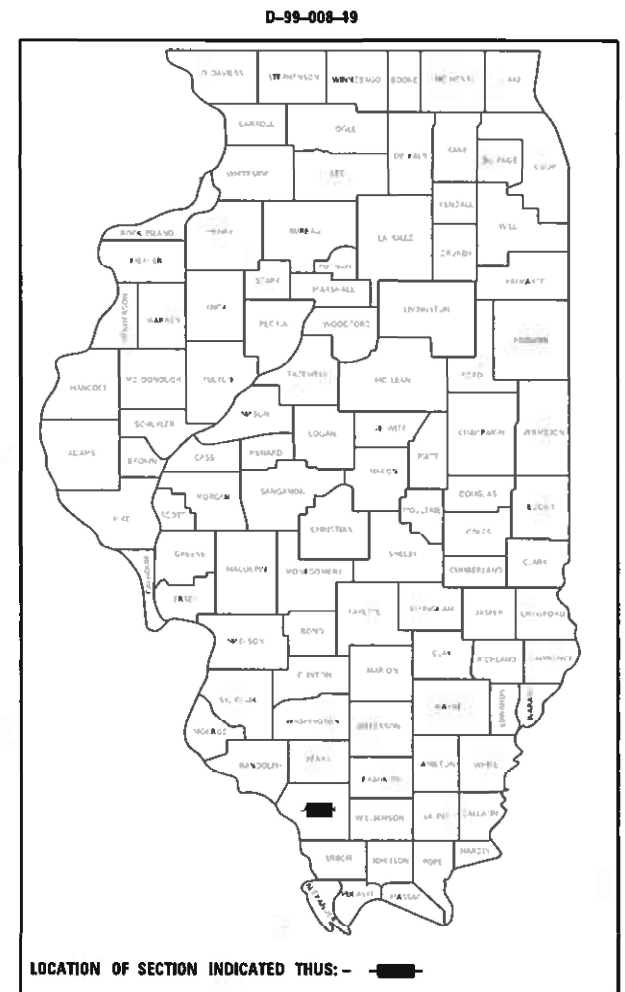
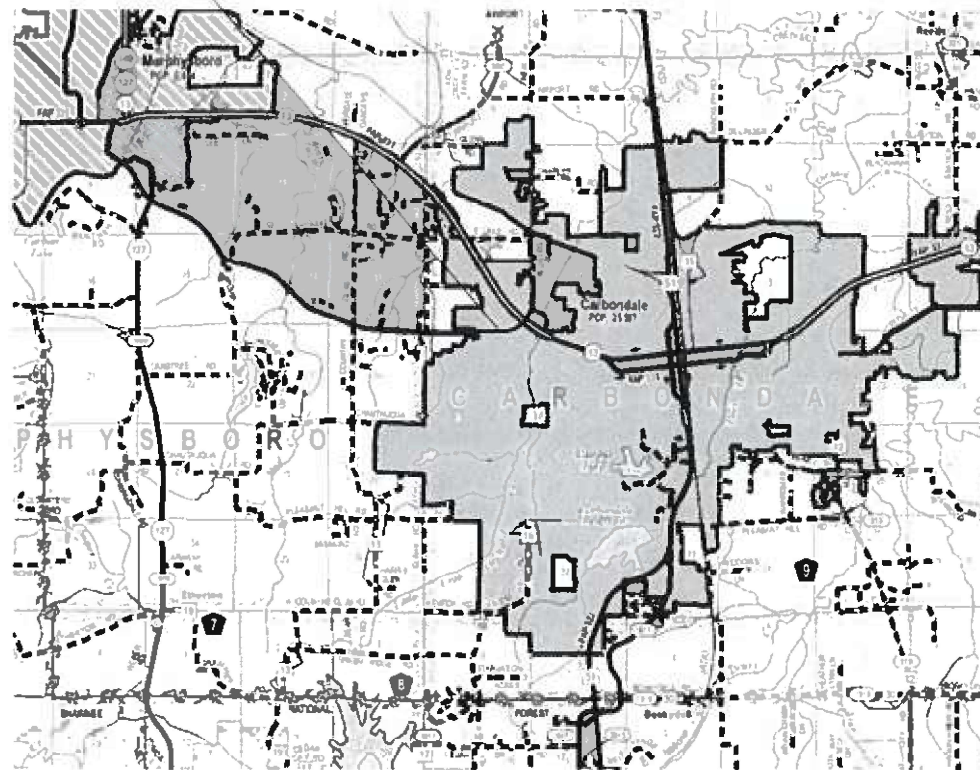
FAU ROUTE 9701 (OLD IL 13)  
SECTION D9 RESURFACE 2019-1

PARKING LOT RESURFACING  
JACKSON COUNTY

IDOT DISTRICT 9  
HEADQUARTERS

C-99-010-19

**TOWNSHIPS  
CARBONDALE**



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

PROJECT ENGINEER: VALERIE ROLLA  
PROJECT DESIGNER: MELISSA COLE

CONTRACT NO. 78700

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 6 20 22  
Kirk H. Brown  
REGION FIVE ENGINEER

July 1, 2022 [Signature]  
ENGINEER OF DESIGN AND ENVIRONMENT

July 1, 2022 [Signature]  
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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# INDEX OF SHEETS

SHEET NO	DESCRIPTION
1	COVER SHEET
2	SIGNATURE SHEET
3	INDEX OF SHEETS, GENERAL NOTES, MIX DESIGN AND HIGHWAY STANDARDS
4-5	SUMMARY OF QUANTITIES
6-7	SCHEDULES
8-12	PLAN SHEETS
13-14	PLAN DETAILS

# GENERAL NOTES

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.

COMMITMENTS: NONE

# HIGHWAY STANDARDS

- 000001-08 STANDARDSYMBOLSABBREVIATIONS-PATTERNS-001
- 424001-11 PERPENDICULARCURBRAMPS
- 606001-08 CONCURBTYPED-COMBOCONCC-G
- 701501-06 URBANLNLCLOSURE2L2W-UNDIVIDED
- 701502-09 URBANLNLCLOSURE2L2WWITHBIDIRECTLEFTTURNLN
- 701901-08 TRAFCTRLDEVICES
- 720001-01 SIGNPANELMOUNTDETAILS
- 720006-04 SIGNPANELERECTDETAILS
- 780001-05 TYPICALPVMITMRKINGS
- 001006 DECIMAL OF AN INCH AND OF A FOOT
- 442201-03 CLASS C AND D PATCHES
- 729001-01 APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)

# MIX DESIGN

Locations	Hot-Mix Asphalt Surface Course
Mixture Use(s):	Hot-Mix Asphalt Surface Course, Mix C, N70
AB/PG:	PG64-22
Material Transfer Device	No
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL-9.5mm
Friction Aggregate:	C Surface
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	●CQA
Sublot Size:	NA

Locations	Class D Patching
Mixture Use(s):	Hot-Mix Asphalt Binder Course, N70, IL-19.0
AB/PG:	PG64-22
Material Transfer Device	No
Design Air Voids:	4.0 %, 70 Gyration Design
Mixture Composition: (Gradation Mixture)	IL -19
Friction Aggregate:	None
Mixture Weight:	112 lbs/Sq Yd/in
Quality Management Program:	●CQA
Sublot Size:	NA

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

INDEX OF SHEETS, GENERAL NOTES HIGHWAY STANDARDS AND MIX DESIGN			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	3
CONTRACT NO. 78700				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES

COUNTY:	JACKSON CO
ROUTE:	OLD IL 13
FUNDING:	100% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
				0006
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	5,493	5,493
40600990	TEMPORARY RAMP	SQ YD	430	430
40604052	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N70	TON	1,369	1,369
42400100	PORTLAND CEMENT CONCRETE SIDEWALK 4 INCH	SQ FT	112	112
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	12,206	12,206
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	68	68
44000600	SIDEWALK REMOVAL	SQ FT	112	112
44201749	CLASS D PATCHES, TYPE I, 9 INCH	SQ YD	4	4
44201785	CLASS D PATCHES, TYPE I, 12 INCH	SQ YD	14	14
44201789	CLASS D PATCHES, TYPE II, 12 INCH	SQ YD	16	16
44201796	CLASS D PATCHES, TYPE IV, 12 INCH	SQ YD	28	28
44201839	CLASS D PATCHES, TYPE II, 16 INCH	SQ YD	7	7
44201845	CLASS D PATCHES, TYPE IV, 16 INCH	SQ YD	32	32
44213204	TIE BARS 3/4"	EACH	20	20

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	4
CONTRACT NO. 78700				
ILLINOIS FED. AID PROJECT				

# SUMMARY OF QUANTITIES - CONT

COUNTY:	JACKSON CO
ROUTE:	OLD IL 13
FUNDING:	100% STATE
LOCATION:	RURAL

CODE NUMBER	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	
				0006
60603800	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.12	FOOT	68	68
67100100	MOBILIZATION	L SUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	1	1
70102622	TRAFFIC CONTROL AND PROTECTION, STANDARD 701502	L SUM	1	1
* 72000100	SIGN PANEL - TYPE 1	SQ FT	10	10
* 72000100	METAL POST - TYPE A	FOOT	70	70
* 78001100	PAINT PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	19	19
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	4,826	4,826
* 78001180	PAINT PAVEMENT MARKING - LINE 24"	FOOT	69	69
X0301339	REMOVE EXISTING PARKING BLOCKS	EACH	3	3
X0301430	PRECAST CONCRETE PARKING BLOCK	EACH	5	5
X0325154	MASONRY RECONSTRUCTION	SQ YD	5	5
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	41	41
Z0004002	BOLLARDS	EACH	2	2

\* SPECIALTY ITEM

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	5
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ILLINOIS FED. AID PROJECT				

## PAVEMENT MARKING SCHEDULE

LOCATION STATION TO STATION	PAINT PAVEMENT MARKING-LINE 4"	PAINT PAVEMENT MARKING-LINE 24"	PAINT PAVEMENT MARKING- LETTERS AND SYMBOLS	PAVEMENT MARKING REMOVAL - GRINDING	NOTES
	FOOT	FOOT	SQ FT	SQ FT	
PARKING LOT #1	1,114		3.1		51 PARKING LINES 18 FT LONG + 7 SKIP DASH + ACCESSIBLTY LINES (2-18' + 90 INSIDE) + SYMBOL
PARKING LOT #2	2,342				83 PARKING LINES 18 FT LONG + 7 - 80 FT LINES + 1 - 50 FT LINES + DIAGONAL SPACE (40')
PARKING LOT #3	392	25	3.1		10 PARKING LINES 18 FT LONG + ACCESSIBLTY LINES (2-18' + 106 INSIDE) + SYMBOL + 7 SKIP DASH + 2 STOP BAR
PARKING LOT #4	590	22	6.2		16 PARKING LINES 18 FT LONG + 5 SKIP DASH + ACCESSIBLTY LINES (4-18' +2*90) + STOP BAR + 2 SYMBOL
VISITOR PARKING	388	22	6.2	41	7 PARKING LINES 18 FT LONG + ACCESSIBLTY LINES (4-18' + 2*95 INSIDE) + 2 SYMBOL + STOP BAR
<b>TOTALS</b>	4826	69	19	41	

## PAVEMENT SCHEDULE

LOCATION STATION TO STATION	HMA SURFACE REMOVAL, 2"	HMA SURFACE COURSE, MIX C, N70	BITUMINOUS MATERIALS (TACK COAT)	TEMPORARY RAMP
	SQ YD	TON	POUND	SQ YD
PARKING LOT #1	3,576	401	1609	105
PARKING LOT #2	4,855	544	2185	144
PARKING LOT #3	1,930	217	869	89
PARKING LOT #4	1,845	207	830	92
<b>TOTALS</b>	12206	1369	5493	430

\*TEMPORARY RAMPS BETWEEN DIFFERENT PARKING LOTS HAVE BEEN CALCULATED TWICE FOR SEPARATE MILLINGS

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**STATE OF ILLINOIS  
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**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	6
CONTRACT NO. 78700				
ILLINOIS FED. AID PROJECT				

## CLASS D PATCHING SCHEDULE

PATCH NO.	WIDTH	LENGTH	CLASS D PATCHES, TYPE I, 9 INCH	CLASS D PATCHES, TYPE I, 12 INCH	CLASS D PATCHES, TYPE II, 12 INCH	CLASS D PATCHES, TYPE II, 16 INCH	CLASS D PATCHES, TYPE IV, 12 INCH	CLASS D PATCHES TYPE, IV, 16 INCH
<b>WEST OF HEADQUARTER BUILDING</b>			SQ YD	SQ YD	SQ YD	SQ YD	SQ YD	SQ YD
1	14	20						32
2	3	3		1				
3	4	15				7		
4	4	8	4					
5	9	10			10			
<b>SOUTH OF HEADQUARTER BUILDING</b>								
6	3	4		2				
7	3	5		2				
8	5	5		3				
9	5	49					28	
10	3	3		1				
11	3	3		1				
12	5	6		4				
13	7	7			6			
<b>TOTAL =</b>			4	14	16	7	28	32

SEE SHEETS 8-10 FOR LOCATIONS

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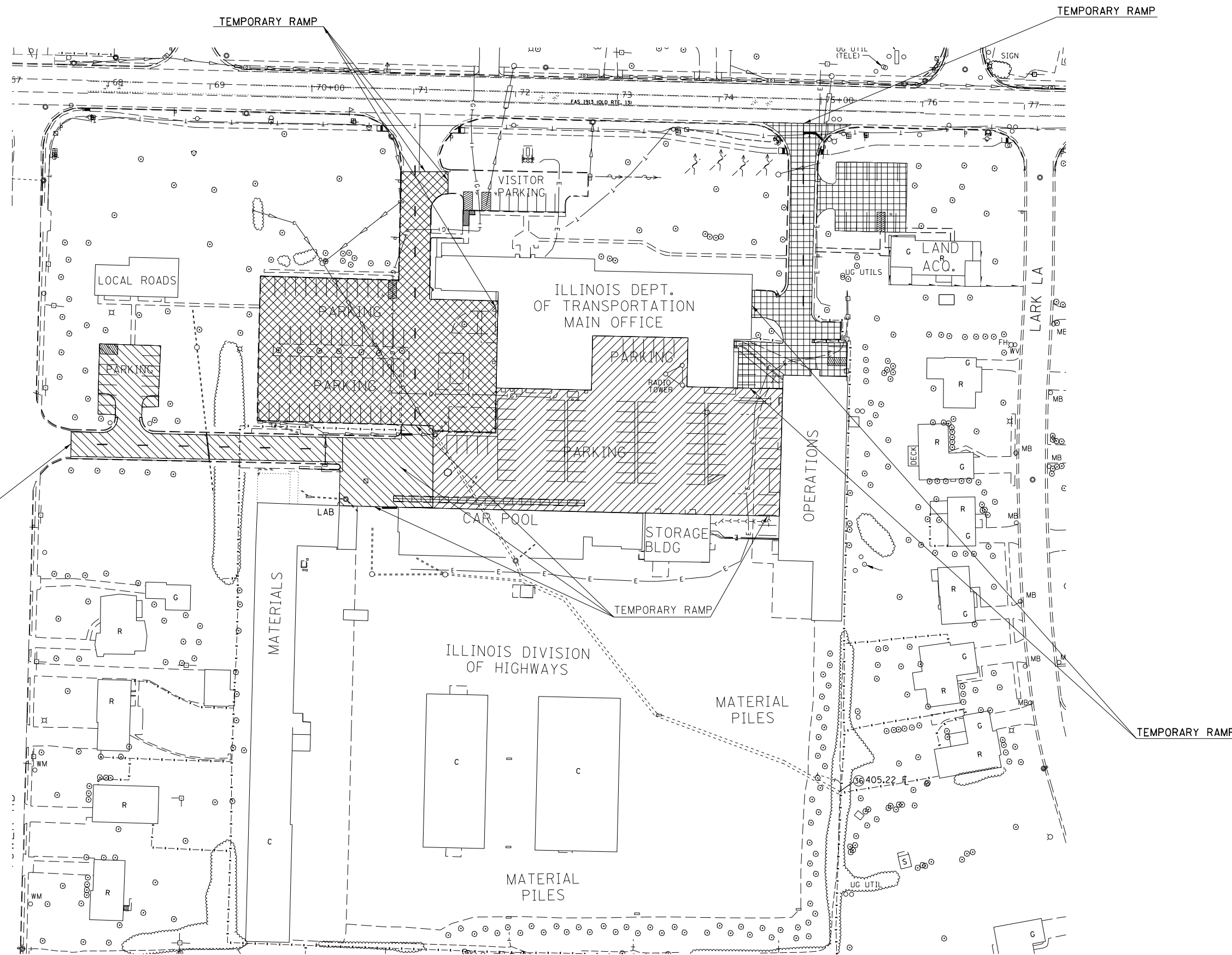
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



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**SCHEDULES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	7
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ILLINOIS FED. AID PROJECT				



-  PARKING LOT #1  
AREA: 32,178 SQ FT
-  PARKING LOT #2  
AREA: 43,694 SQ FT
-  PARKING LOT #3  
AREA: 17,363 SQ FT
-  PARKING LOT #4  
AREA: 16,600 SQ FT

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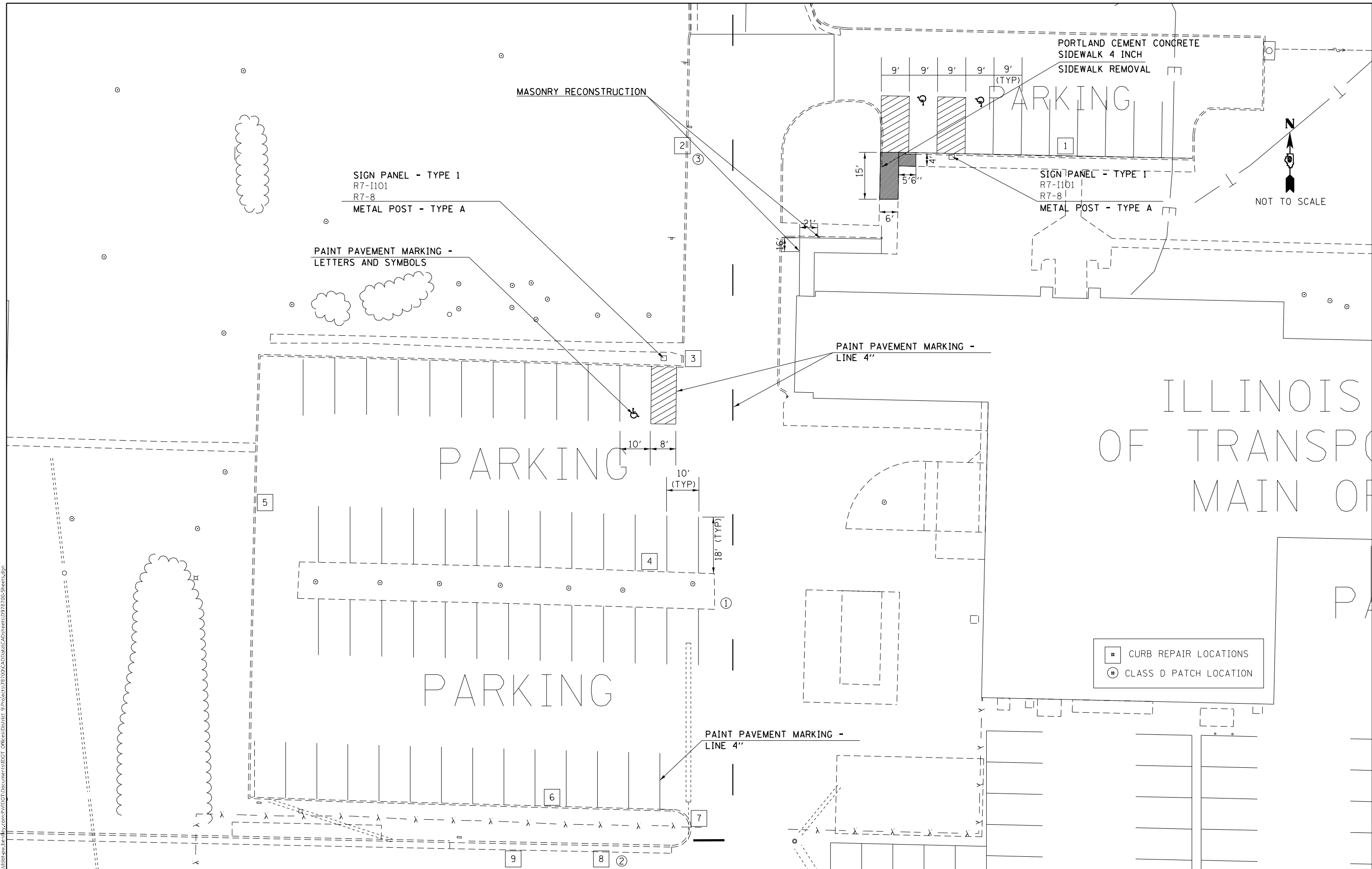
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PARKING LOT LAYOUT				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.U. RTE. 9701	SECTION D9 Resurface 2019-1	COUNTY JACKSON	TOTAL SHEETS 14	SHEET NO. 8
CONTRACT NO. 78700				
ILLINOIS FED. AID PROJECT				



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#	CURB REPAIR LOCATIONS
+	CLASS D PATCH LOCATION

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

<b>PARKING LOT #1 DETAIL</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	9
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NOT TO SCALE

LOCAL ROADS

PARKING

PARKING

PARKING

LAB

PAINT PAVEMENT MARKING - LINE 4"

SIGN PANEL - TYPE 1  
R7-1101  
R7-8

METAL POST - TYPE A

PAINT PAVEMENT MARKING - LINE 4"



10'

10'

18'  
(TYP)

10'  
(TYP)

④

PAINT PAVEMENT MARKING - LINE 24"

PAINT PAVEMENT MARKING - LINE 24"

⑤

PAINT PAVEMENT MARKING - LINE 4"

- # CURB REPAIR LOCATIONS
- ⊕ CLASS D PATCH LOCATION

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STATE OF ILLINOIS  
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PARKING LOT #3 DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
9701	D9 Resurface 2019-1	JACKSON	14	11
CONTRACT NO. 78700				

ILLINOIS FED. AID PROJECT





