

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118RS-3	HANCOCK	7	1
		ILLINOIS	CONTRACT NO. 72716	

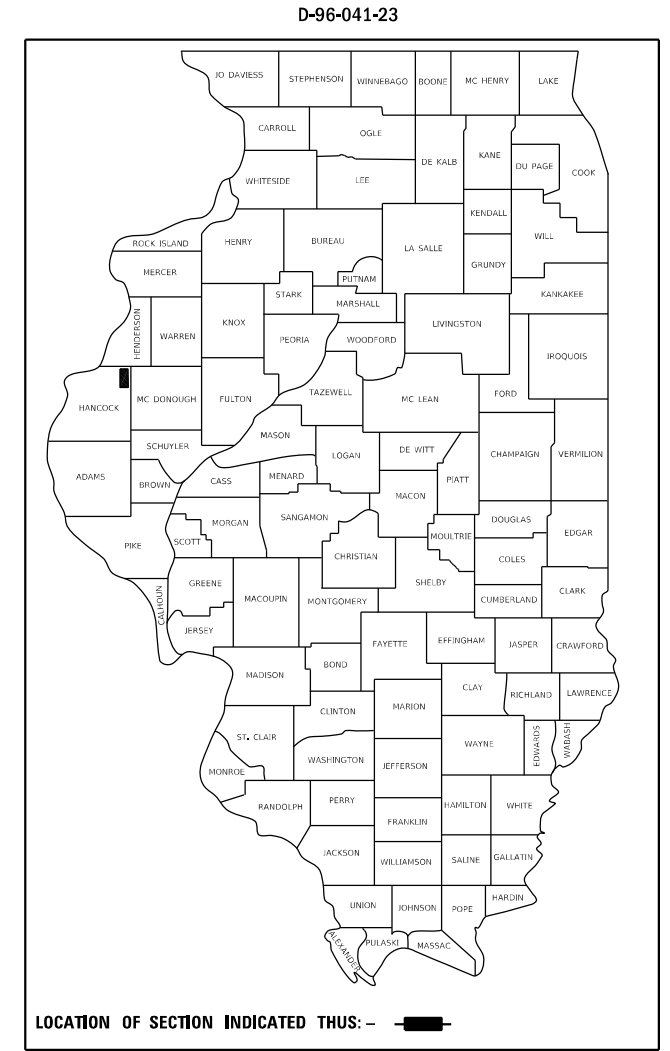
FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

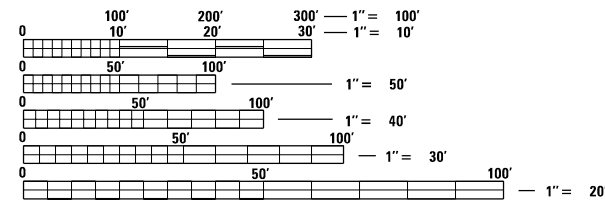
FAP ROUTE 685 (IL 9)
SECTION 118RS-3

SMART OVERLAY
HANCOCK COUNTY

C-96-088-23



ADT = 600 (2021)
SU = 40 (2021)
MU = 30 (2021)

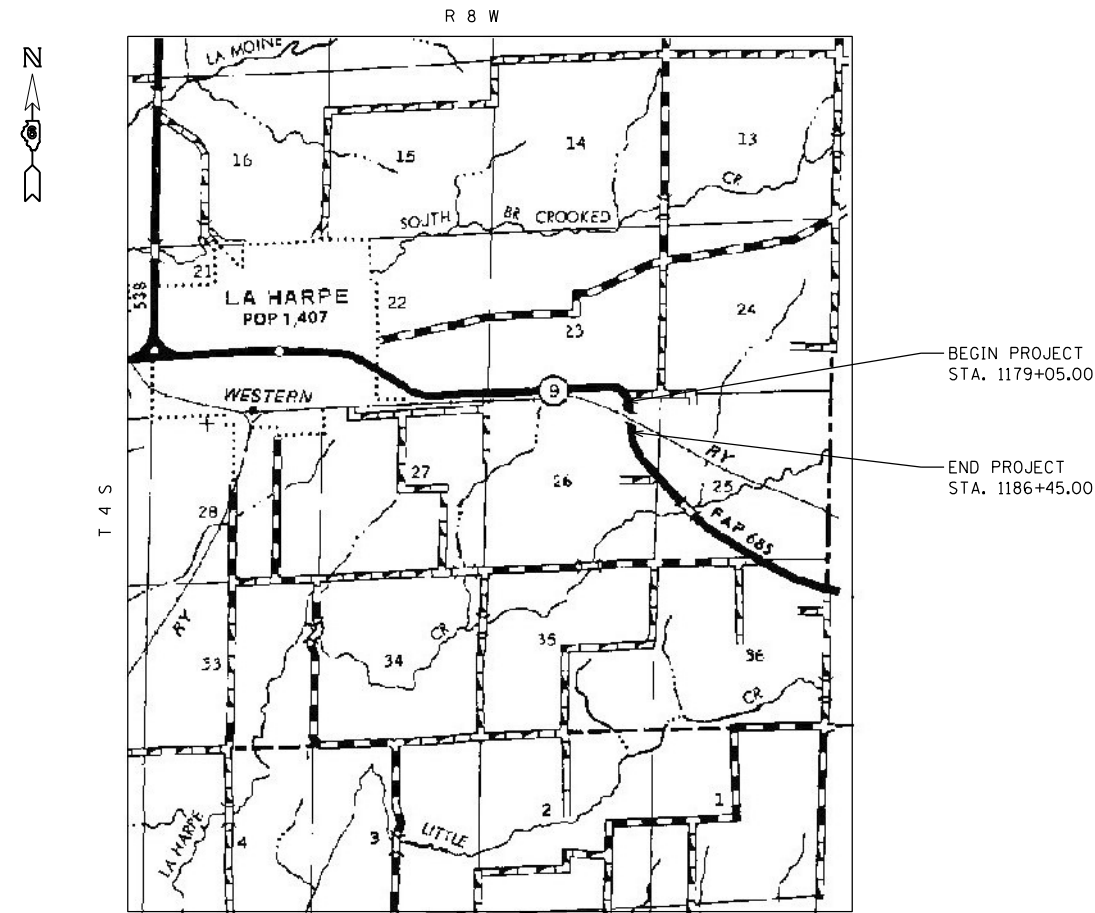


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MIKE HAMBY (217)524-7765
PROJECT MANAGER TIM SHARP (217)524-9160

CONTRACT NO. 72716



GROSS LENGTH = 740.00 FT. = 0.140 MILE
NET LENGTH = 740.00 FT. = 0.140 MILE

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 6 20 23

John P. Myer REGIONAL ENGINEER
August 18, 2023

Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT
August 18, 2023

Stephen M. Spina
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1.	COVER SHEET
2.	INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURES
3.	SUMMARY OF QUANTITIES
4.	SCHEDULES
5-6.	LOCATION MAP
7.	TYPICAL SECTION

STANDARDS

STANDARD NO.	DESCRIPTION
000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701306-04	LANE CLOSURE, 2L, 2W, DAY ONLY, SLOW MOVING OPERATIONS DAY ONLY FOR SPEEDS \geq 45 MPH
701901-08	TRAFFIC CONTROL DEVICES
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS DISTRICT 6	
EXAMINED	July, 7 20 23 <i>[Signature]</i> ENGINEER OF OPERATIONS
EXAMINED	July, 7 20 23 <i>[Signature]</i> ENGINEER OF PROJECT IMPLEMENTATION
EXAMINED	July, 7 20 23 <i>[Signature]</i> ENGINEER OF PROGRAM DEVELOPMENT

THE FOLLOWING RATES OF APPLICATION HAVE BEEN ASSUMED IN CALCULATING PLAN QUANTITIES:

BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT (EX HMA, MILLED SURFACE)
HMA SURFACE(112 LBS)	0.056 TON/SQUARE YARD - INCH (MIX A-C)

REV. - MS

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	DRAWN = _____	REVISED = _____
PLOT SCALE = 40.0000' / in.	CHECKED = _____	REVISED = _____
PLOT DATE = 7/6/2023	DATE = _____	REVISED = _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**INDEX OF SHEETS, HIGHWAY STANDARDS,
GENERAL NOTES, & SIGNATURES**

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118R5-3	HANCOCK	7	2
			CONTRACT NO. 72716	
ILLINOIS FED. AID PROJECT				

0-02178-6015
 100% STATE
 HANCOCK
 ROADWAY
 0005
 RURAL

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
40600990	TEMPORARY RAMP	SQ YD	27	27
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	862	862
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	161	161
44000155	HOT-MIX ASPHALT SURFACE REMOVAL, 1 1/2"	SQ YD	1916	1916
67100100	MOBILIZATION	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
70107025	CHANGEABLE MESSAGE SIGN	CAL DAY	14	14
70300100	SHORT TERM PAVEMENT MARKING	FOOT	74	74
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	25	25
* 78001120	PAINT PAVEMENT MARKING - LINE 5"	FOOT	2960	2960
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	10	10
78300200	RAISED REFLCETIVE PAVMENT MARKER REMOVAL	EACH	10	10

* SPECIALTY ITEM

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	PLOT DATE = 7/6/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: _____ SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118R5-3	HANCOCK	7	3
CONTRACT NO. 72716			ILLINOIS FED. AID PROJECT	

STA.	TO	STA.	LENGTH	AVG. WIDTH	AREA	40600290 BITUMINOUS MATERIALS (TACK COAT)		44000155 HMA SUR. REM (1 1/2")	40604050 HMA SUR. COURSE, IL-9.5, MIX "C", N50		
						RATE	POUND	SQYD	DEPTH	RATE	TON
			FT	FT	SQ FT	POUND/SQ FT			INCH	TON/SQ YD	
1179+05.00	TO	1179+75.00	70.00	24	1680	0.05	84	187	1.5	0.056	16
1179+75.00	TO	1180+75.00	100.00	23.5	2350	0.05	118	261	1.5	0.056	22
1180+75.00	TO	1181+75.00	100.00	23	2300	0.05	115	256	1.5	0.056	21
1181+75.00	TO	1182+25.00	50.00	22.5	1125	0.05	56	125	1.5	0.056	11
1182+25.00	TO	1182+75.00	50.00	22.5	1125	0.05	56	125	1.5	0.056	11
1182+75.00	TO	1183+25.00	50.00	22	1100	0.05	55	122	1.5	0.056	10
1183+25.00	TO	1183+75.00	50.00	22.25	1113	0.05	56	124	1.5	0.056	10
1183+75.00	TO	1184+75.00	100.00	23.75	2375	0.05	119	264	1.5	0.056	22
1184+75.00	TO	1185+75.00	100.00	24	2400	0.05	120	267	1.5	0.056	22
1185+75.00	TO	1186+45.00	70.00	24	1680	0.05	84	187	1.5	0.056	16
TOTALS			740	-	17248	-	862	1916	-	-	161

MIXTURE REQUIREMENTS	
MIXTURE USE(S):	HMA SURFACE COURSE
PG:	58-28
DESIGN AIR VOIDS:	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5
FRICTION AGGREGATE:	MIX C
MIXTURE WEIGHT:	112 lb/sq yd*in
QUALITY MANAGEMENT:	QC/QA
SUBLOT SIZE:	N/A
MTD REQUIRED:	NO

780001120 PAINT PAVEMENT MARKING - LINE 5"				
LOCATION	BEGIN STA.	END STA.	YELLOW NO PASS	WHITE EDGE
			FT	FT
LEFT	1179+05.00	1186+45.00	740.00	740.00
RIGHT	1179+05.00	1186+45.00	740.00	740.00
TOTAL			1480.00	1480.00

40600990 TEMPORARY RAMP				
LOCATION	STA.	WIDTH	LENGTH	SQ YD
		FT	FT	
LEFT	1179+05.00	12	5	6.7
RIGHT	1179+05.00	12	5	6.7
LEFT	1186+45.00	12	5	6.7
RIGHT	1186+45.00	12	5	6.7
TOTAL				26.7

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PLOT SCALE = 2.0000' / in.	CHECKED - _____	REVISED - _____
PLOT DATE = 7/6/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: _____		SHEET _____ OF _____ SHEETS	STA. _____ TO STA. _____
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118R5-3	HANCOCK	7	4
CONTRACT NO. 72716				
ILLINOIS FED. AID PROJECT				



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PLOT DATE = 7/6/2023	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: _____ SHEET ___ OF ___ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	(7)BR9-2	HANCOCK	7	5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 72716	



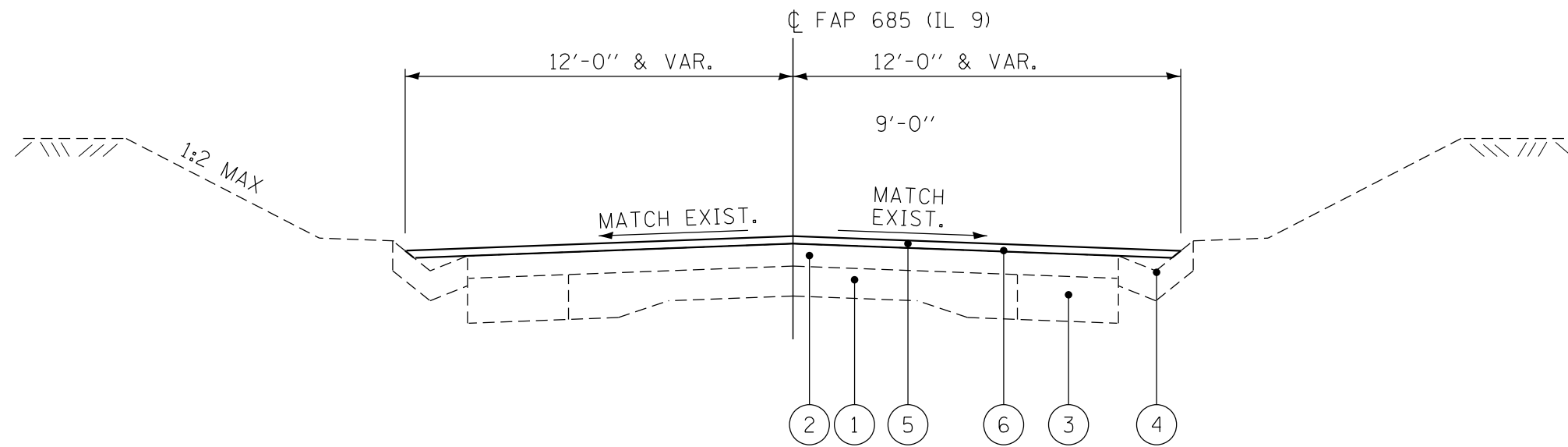
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PLOT DATE = 7/6/2023	DATE - _____	REVISED - _____

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LOCATION MAP	
SCALE: _____	SHEET ____ OF ____ SHEETS STA. _____ TO STA. _____

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118R5-3	HANCOCK	7	6
CONTRACT NO. 72716				
ILLINOIS FED. AID PROJECT				



LEGEND

- ① EXISTING P.C.C. PAVEMENT (9''-6''-9'')
- ② EXISTING H.M.A. SURFACING
- ③ EXISTING H.M.A. BASE COURSE WIDENING, 9''
- ④ EXISTING GUTTER
- ⑤ PROPOSED H.M.A. SURFACE COURSE, 1 1/2''
- ⑥ PROPOSED HMA SURFACE REMOVAL, 1 1/2''

FAP 685 (IL 9) TYPICAL GUTTER SECTION

STA 1179+05 TO STA 1186+45

NOTE:

1) STATIONS ARE APPROXIMATE AND SHOULD BE FIELD VERIFIED

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	DRAWN -	REVISED -
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PLOT DATE = 7/6/2023	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	118R5-3	HANCOCK	7	7
			CONTRACT NO. 72716	
ILLINOIS FED. AID PROJECT				