

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	41(Z-PP-1;X-PP)	Fulton	8	1
		ILLINOIS	CONTRACT NO. 68G14	

**INDEX OF SHEETS**

1. COVER SHEET
2. GENERAL NOTES & COMMITMENTS
3. SUMMARY OF QUANTITIES
- 4.-5. TYPICAL SECTIONS
6. SCHEDULE OF QUANTITIES
7. LINE DIAGRAM
8. DISTRICT STANDARDS

**HIGHWAY STANDARDS**

701501-06  
701502-09  
701901-08

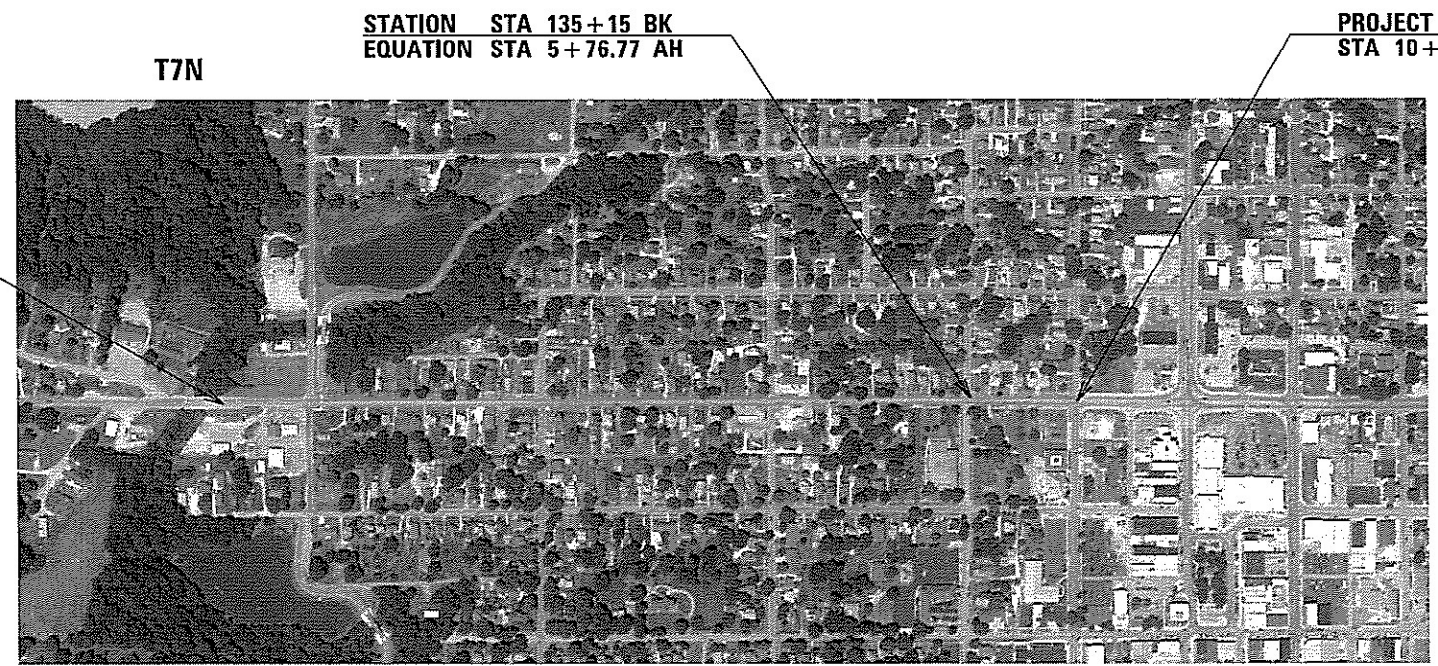
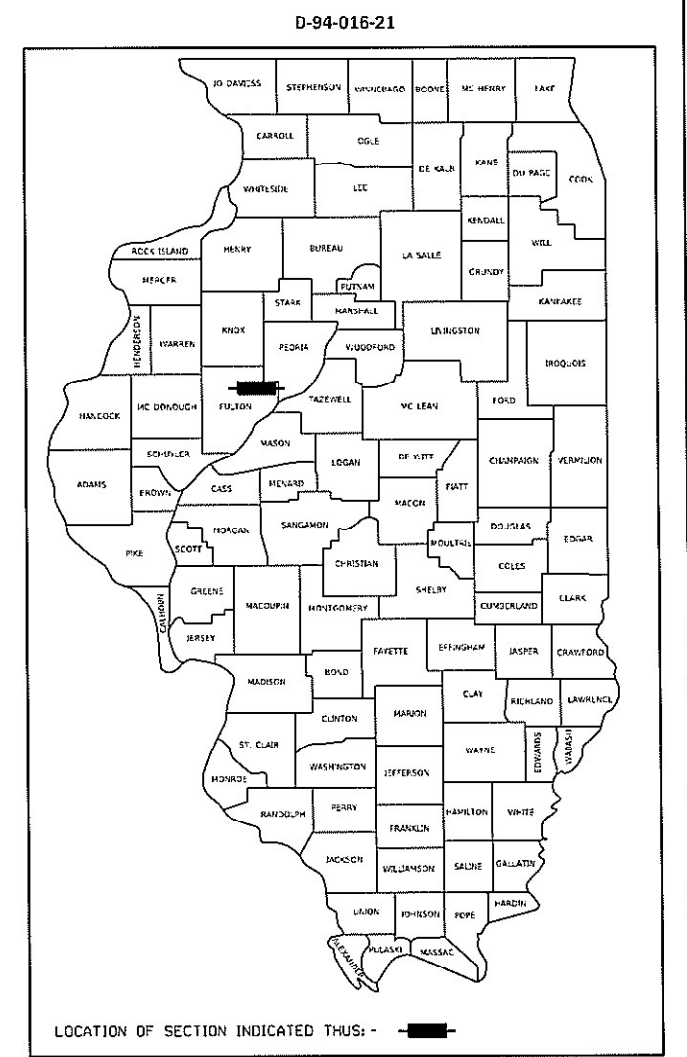
**DISTRICT STANDARDS**

440001-D4

**PROPOSED  
HIGHWAY PLANS**

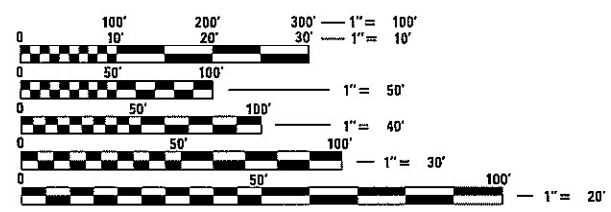
FAP 685 (IL 9)  
SECTION 41(Z-PP-1;X-PP)  
CONTRACT MAINTENANCE  
FULTON COUNTY

C-94-030-21



ADT = 7050  
MU = 3.4%

PROJECT BEGINS  
STA 104+59



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: NICOLE FAYANT 309-671-3454  
PROJECT MANAGER: MICHAEL HUDELSON 309-671-3466  
CATALOG NO. 036143-00  
CONTRACT NO. 68G14

GROSS LENGTH = 3479.2 FT. = 0.66 MILE  
NET LENGTH = 3479.2 FT. = 0.66 MILE

**Project Description:**  
PAVEMENT PATCHING ON IL 9 FROM BIG CREEK TO AVENUE A IN CANTON

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 25 2021  
Frank O. James REGIONAL ENGINEER  
May 7, 2021  
Scott A. Elk ENGINEER OF DESIGN AND ENVIRONMENT  
May 7, 2021  
James J. Gu DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION 13

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## GENERAL NOTES

### AVAILABILITY OF ELECTRONIC FILES

MicroStation and GEOPAK files of this project will be made available to the Contractor after contract award. If there is a conflict between the electronic files and the printed contract plans and documents, the printed contract plans and documents shall take precedence over the electronic files. The Contractor shall accept all risk associated with using the electronic files and shall hold the Department harmless for any errors or omissions in the electronic files and the data contained therein. Errors or delays resulting from the use of the electronic files by the Contractor shall not result in an extension of time for any interim or final completion date or shall not be considered cause for additional compensation. The Contractor shall not use, share, or distribute these electronic files except for the purpose of constructing this contract. Any claims by third parties due to use or errors shall be the responsibility of the Contractor. The Contractor shall include this disclaimer with the transfer of these electronic files to any other parties and shall include appropriate language binding them to similar responsibilities.

### ENVIRONMENTAL REVIEWS

Prior to the use of any proposed borrow areas, use areas (temporary access roads, detours, run-arounds, etc.) and/or waste areas, the Contractor shall file the required environmental resource request surveys according to Section 107.22 of the Standard Specifications. These surveys are required in order for the Department to conduct cultural and biological resource surveys for the proposed site.

The required environmental resource documentation shall include the following:

- \* BDE Form 2289 (Borrow Site Review)
- \* BDE Form 2290 (Waste/Use Area Review)
- \* A location map showing the size limits and location of the use area
- \* Color photographs depicting the use area
- \* Borrow Area Entry Agreement form – D4 PI0101

Prior to any waste materials being removed from the construction site the required environmental resource surveys shall be obtained and filed by the Contractor. Excess waste products removed from the construction site shall be disposed of as required in Section 202.03 of the Standard Specifications.

Any protruding metal bars shall be removed prior to the disposal of broken concrete at approved disposal sites.

Please note that a minimum of four weeks shall be allowed for the District to obtain the required waste site environmental clearances and six weeks for the required borrow site environmental clearances.

### COMMITMENTS

Commitments are not to be altered without the written approval of all parties to which the commitment was made.

**NO COMMITMENTS WERE MADE**

### HOT-MIX ASPHALT MIXTURE REQUIREMENTS

Mixture Use(s):	Partial Depth Patching (2" lifts)
AC/PC:	SBS 64-28
Design Air Voids:	4.0% N = 50
Mixture Composition: (Gradation Mixture):	IL 9.5
Friction Aggregate:	Mix E
Quality Management:	QC QA

#### Notes:

1) For design purposes, mixture weight for all mixes is determined to be 112.0 lb/s.y/in., unless otherwise noted.

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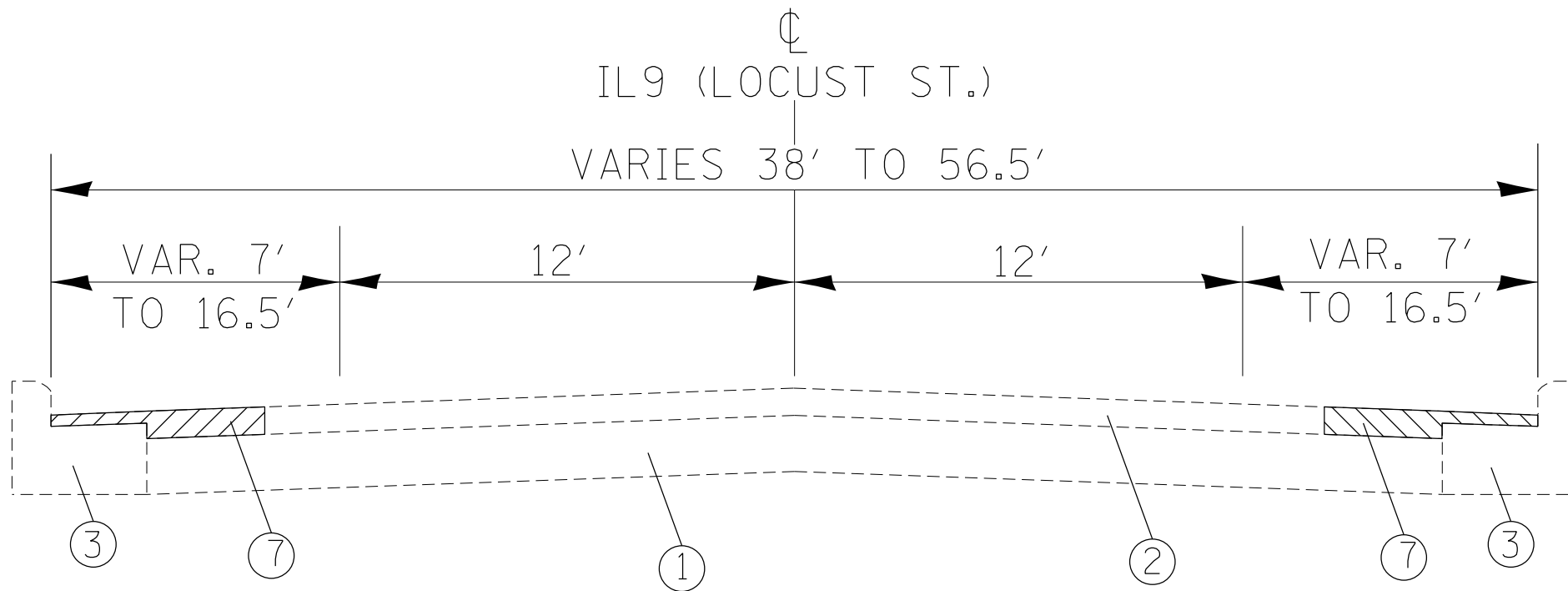
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, COMMITMENTS  
AND JOB SPECIFIC NOTES**

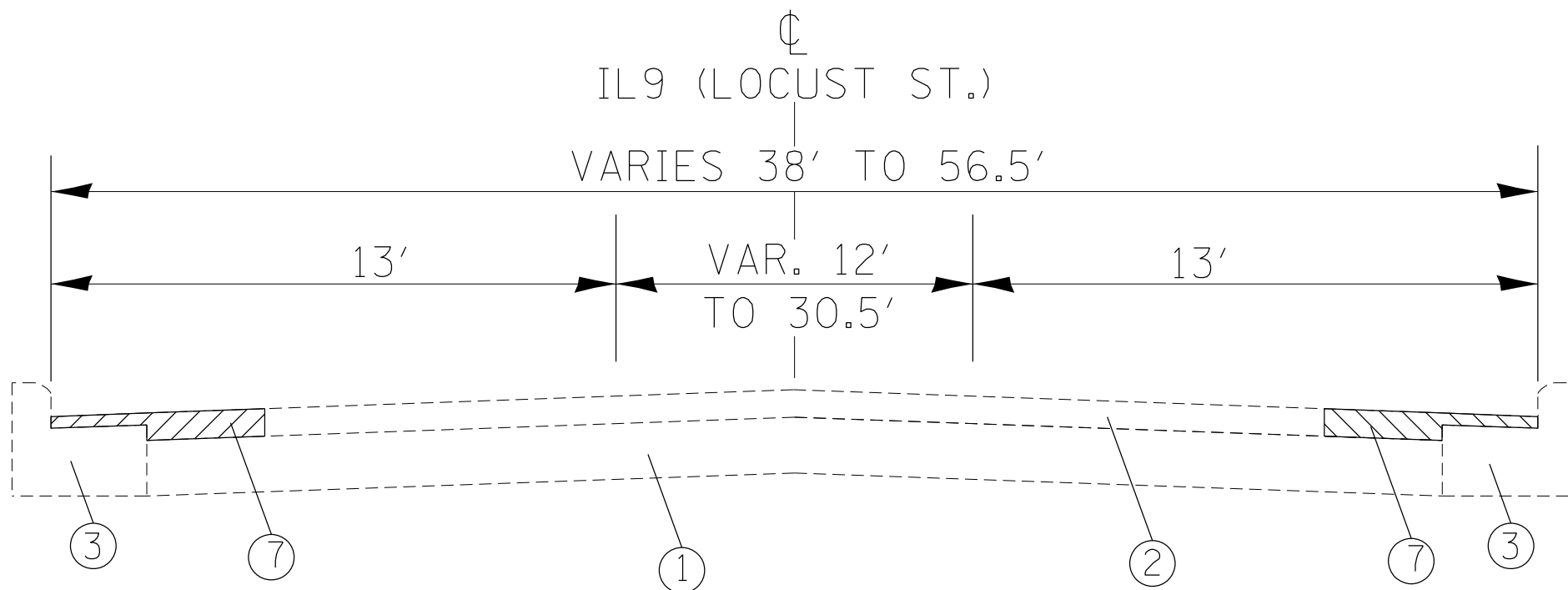
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	41(Z-PP-1;X-PP)	Fulton	8	2
			CONTRACT NO. 68G14	
ILLINOIS FED. AID PROJECT				





TYPICAL SECTION #1  
STA. 104+59 TO STA. 135+15 (BK)



TYPICAL SECTION #2  
STA. 5+76.77 (AH) TO STA. 8+25

LEGEND

- EXISTING ITEMS
- ① 7" PCC PAVEMENT
  - ② 4"± BITUMINOUS OVERLAY
  - ③ CCC&G TYPE B-6.12
  - ④ 9-6-9 PCC PAVEMENT
  - ⑤ CONCRETE GUTTER, TYPE B
  - ⑥ BITUMINOUS SHOULDER
- PROPOSED ITEMS
- ⑦ PARTIAL DEPTH PATCHING (4")  
SEE SCHEDULE OF QUANTITIES FOR  
PARTIAL DEPTH PATCH DIMENSIONS

NOT TO SCALE

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 OFFICE: DISTRICT OFFICE  
 PROJECT: ILLINOIS STATE HIGHWAY DEPARTMENT  
 SHEET: 1 OF 2

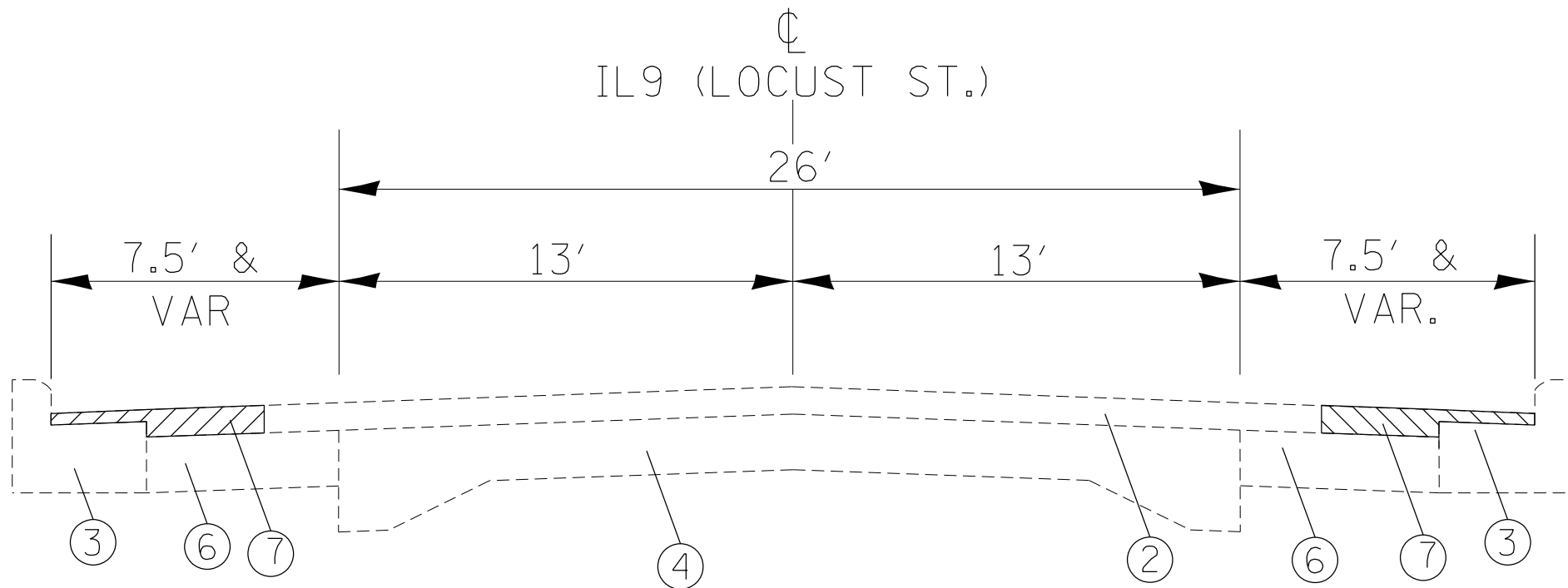
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

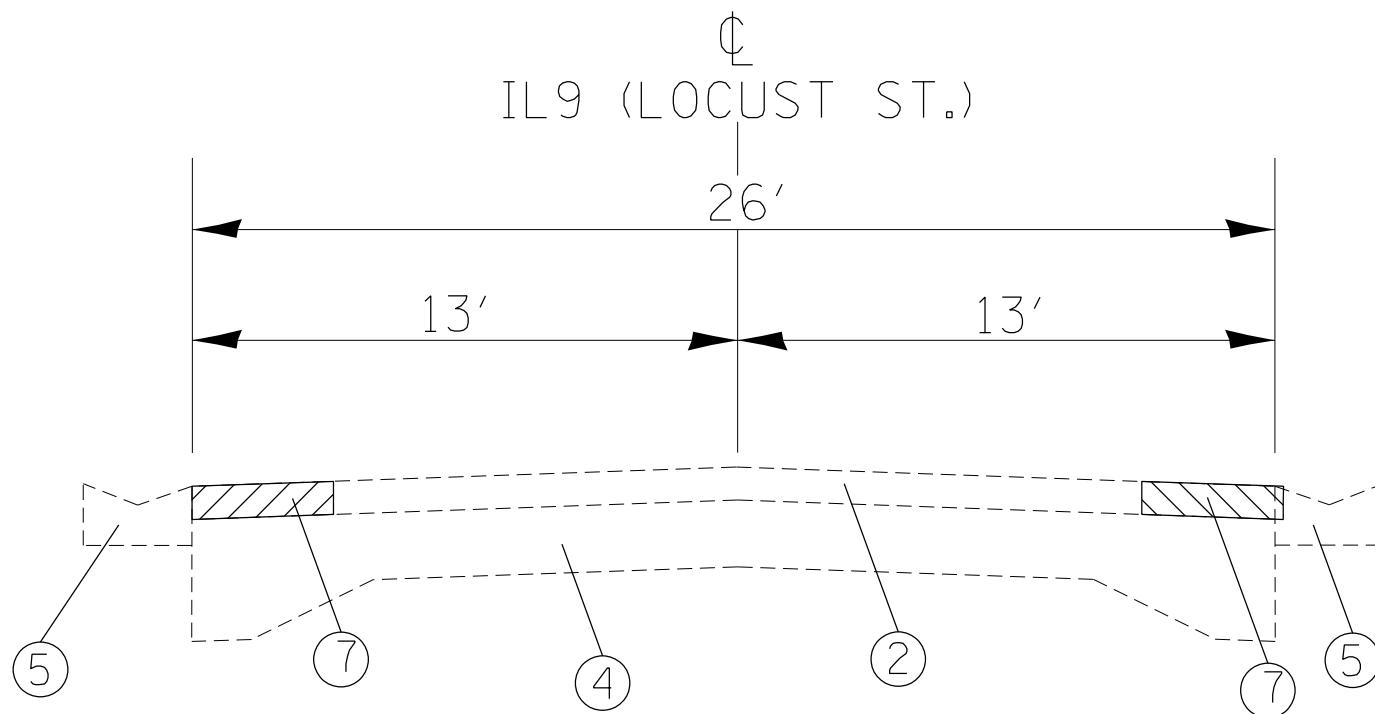
TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	41(Z-PP-1;X-PP)	Fulton	8	4
CONTRACT NO. 68G14			ILLINOIS FED. AID PROJECT	



TYPICAL SECTION #3  
STA. 104+49 TO STA. 105+82



TYPICAL SECTION #4  
STA. 105+82 TO STA. 108+25

LEGEND

- EXISTING ITEMS
- ① 7" PCC PAVEMENT
  - ② 4"± BITUMINOUS OVERLAY
  - ③ CCC&G TYPE B-6.12
  - ④ 9-6-9 PCC PAVEMENT
  - ⑤ CONCRETE GUTTER, TYPE B
  - ⑥ BITUMINOUS SHOULDER
- PROPOSED ITEMS
- ⑦ PARTIAL DEPTH PATCHING (4")
- SEE SCHEDULE OF QUANTITIES FOR PARTIAL DEPTH PATCH DIMENSIONS

NOT TO SCALE

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PLOT DATE = 3/26/2021	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TYPICAL SECTION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	41(Z-PP-1;X-PP)	Fulton	8	5
CONTRACT NO. 68G14			ILLINOIS FED. AID PROJECT	

PARTIAL DEPTH PATCHING				
LOCATION	LENGTH	WIDTH	PARTIAL DEPTH PATCHING (SPECIAL)	PARTIAL DEPTH PATCHING
			SQ YD	TON
			X0556100	X4421000
AVE A	50	15	83.3	18.7
	50	18	100.0	22.4
AVE A TO AVE B	14.5	11.5	18.5	4.1
	77.5	12	103.3	23.1
	12.5	8	11.1	2.5
	57.5	12.5	79.9	17.9
	46.5	12.5	64.6	14.5
AVE B	12	9	12.0	2.7
	38	29	122.4	27.4
	12.5	8	11.1	2.5
	7	6	4.7	1.1
	5	3	1.7	0.4
AVE B TO AVE C	7	2	1.6	0.4
	42.5	12	56.7	12.7
	25	15	41.7	9.3
	35	8	31.1	7.0
	42	29	135.3	30.3
	34	8	30.2	6.8
	67	8	59.6	13.4
AVE C TO AVE D	83	12	110.7	24.8
	42	12	56.0	12.5
	140	8	124.4	27.9
	127	8	112.9	25.3
	34	12	45.3	10.1
	208	8	184.9	41.4
	10.5	5	5.8	1.3
	59	8.5	55.7	12.5
	25	8.5	23.6	5.3
	30	8.5	28.3	6.3
	58	8.5	54.8	12.3
	26	8	23.1	5.2
	65	8	57.8	12.9
50	8	44.4	9.9	
46	18	92.0	20.6	
36	38	152.0	34.0	
AVE D TO AVE F	79	12	105.3	23.6
	41	12	54.7	12.3
	44	8	39.1	8.8
	17	8	15.1	3.4
	19	8	16.9	3.8
	17	11	20.8	4.7
	146	8	129.8	29.1
	20	9	20.0	4.5
	112	8	99.6	22.3
	41	36	164.0	36.7
AVE F TO BRIDGE	18	9	18.0	4.0
	250	3	83.3	18.7
	24	5	13.3	3.0
	24	10	26.7	6.0
	24	6	16.0	3.6
SUBTOTALS:			2963.1	664.0
WINTER BREAK UP (15%)			444.5	99.6
TOTALS:			3408	764

JOBSITE QUANTITIES			
MOBILIZATION		L SUM	1
TRAFFIC CONTROL AND PROTECTION STD 701501		L SUM	1
TRAFFIC CONTROL AND PROTECTION STD 701502		L SUM	1

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SCHEDULE OF QUANTITIES**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
685	41(Z-PP-1;X-PP)	Fulton	8	6
CONTRACT NO. 68G14			ILLINOIS FED. AID PROJECT	



**PROJECT ENDS  
STA. 104 + 59**

**STA. EQUATION  
STA. 135 + 15 (BK) =  
STA. 5 + 76.77 (AH)**

**PROJECT BEGINS  
STA. 10 + 00**

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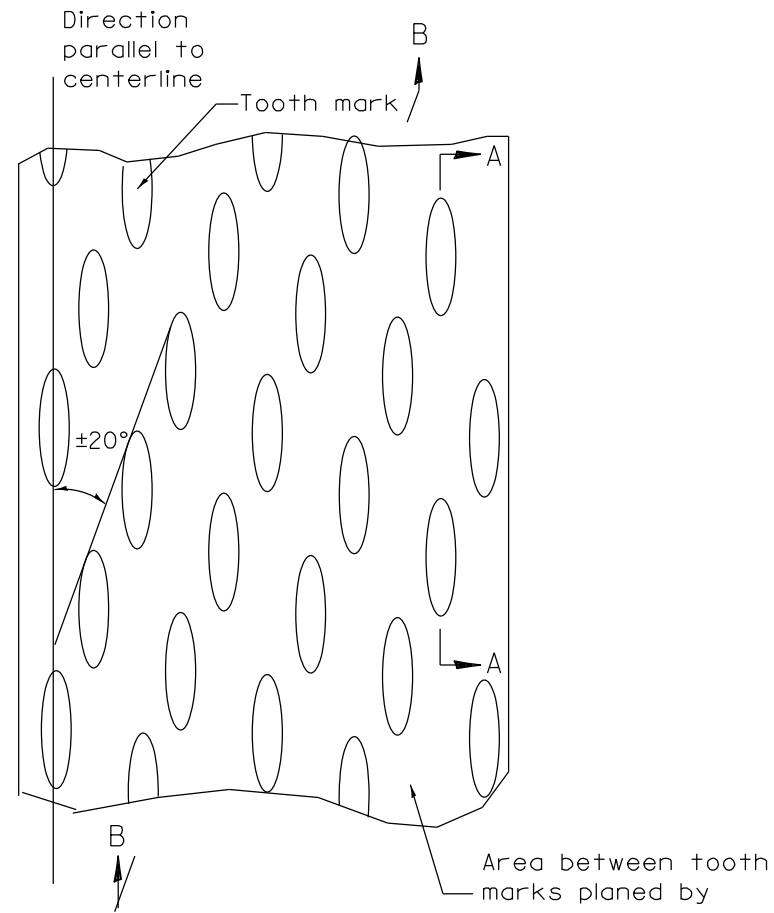
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

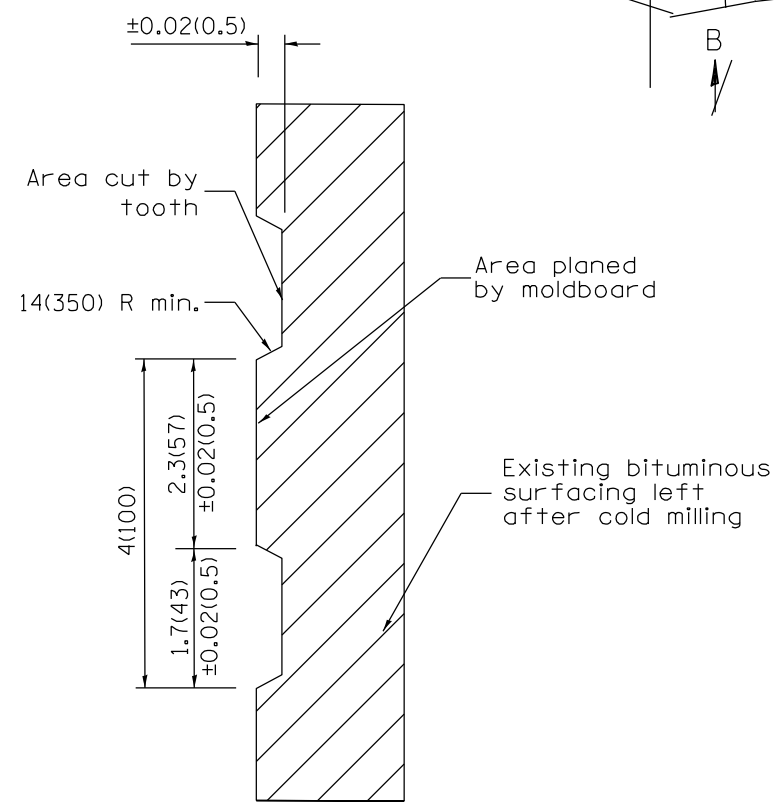
**LINE DIAGRAM**

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

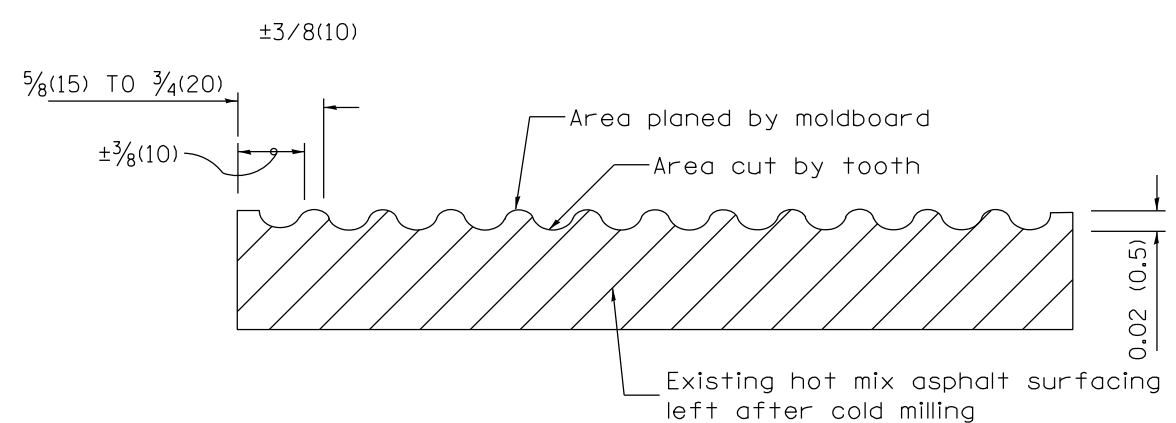
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685	41(Z-PP-1;X-PP)	Fulton	8	7
CONTRACT NO. 68G14				
ILLINOIS FED. AID PROJECT				



PLAN



SECTION A-A



SECTION B-B PROJECTED  
PERPENDICULAR TO CENTERLINE

General notes:

1. Coldmilling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
2. Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

All dimensions are in inches (millimeters) unless otherwise noted.

<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>HOT MIX ASPHALT SURFACE REMOVAL (COLD MILLING)</b> NOT TO SCALE	ROUTE	SECTION	COUNTY	SHEET	
		F.A.P. 685	41(Z-PP-1;X-PP)	FULTON	TOTAL	NO.
		MKD. IL 9	CONTRACT NO. 68G14		8	8