

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

FAP ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	(11,12)PP	FULTON	6	1
CONTRACT NO. 68E57			FULTON AND MCDONOUGH COUNTIES	

INDEX OF SHEETS:

- 1 COVER SHEET
- 2 COMMITMENTS AND GENERAL NOTES
- 3 SUMMARY OF QUANTITIES
- 4 TYPICAL SECTION
- 5 LINE DIAGRAM
- 6 SCHEDULE OF QUANTITIES

HIGHWAY STANDARDS:

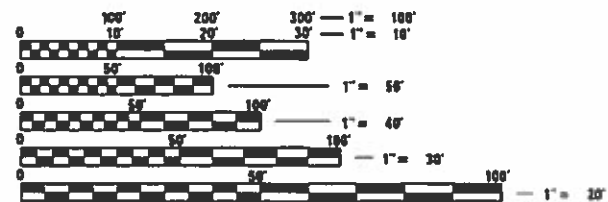
- 701006-05
- 701306-04
- 701901-07

DISTRICT STANDARDS:

NONE

DESIGN DESIGNATION:

CLASS: MINOR ARTERIAL
ADT: 2000 2017
HCV: 405 (20.25%)
SU: 265 (13.25%)
MU: 140 (7.00%)



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 EXCAVATION
1-800-892-0123
OR 811

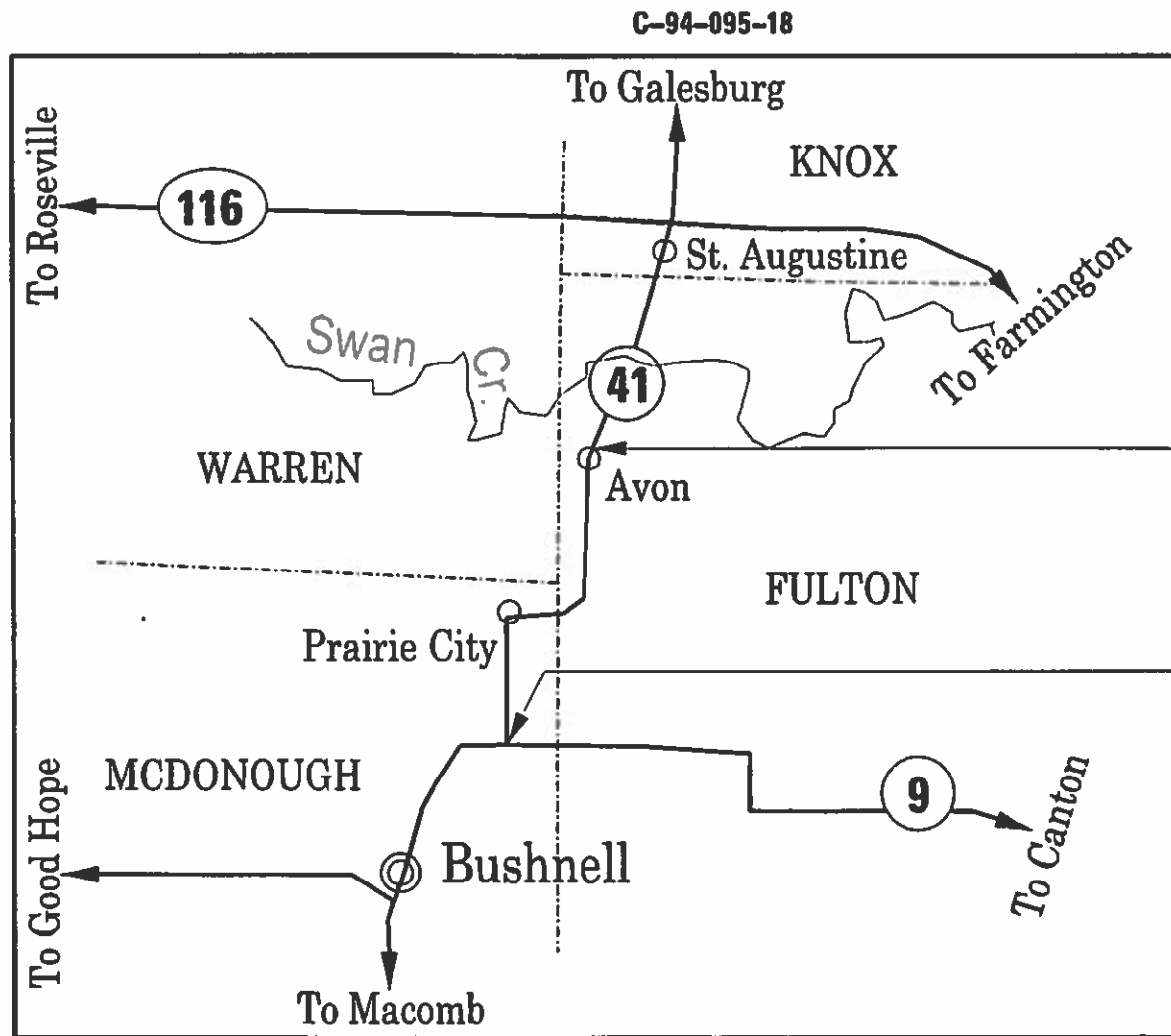
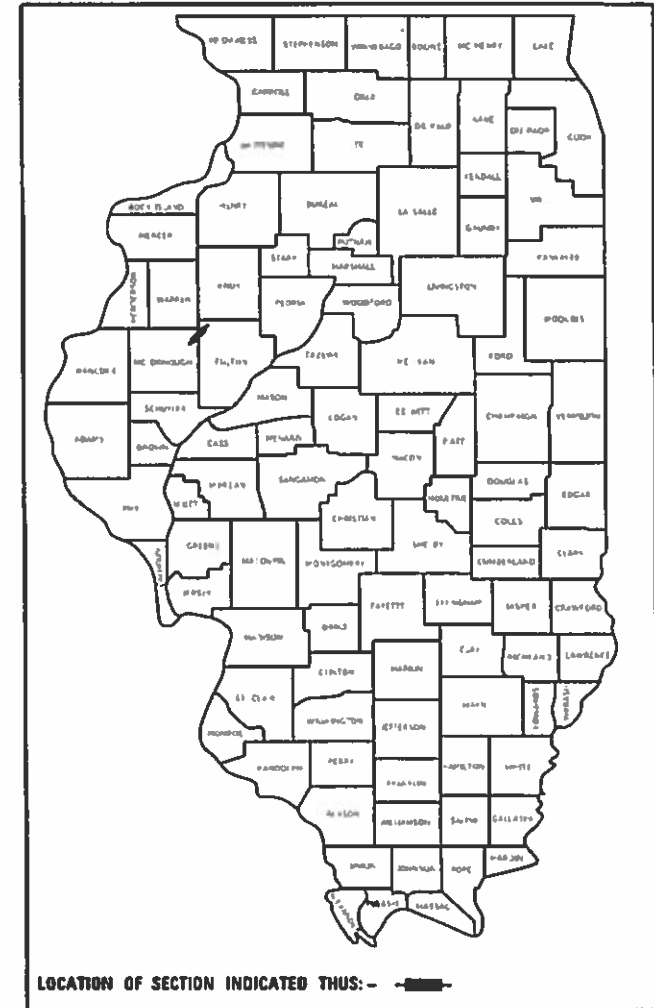
PROJECT ENGINEER: RICH DOTSON (309) 671-3455
PROJECT MANAGER: RAY SAMARA (309) 671-3460
SQUAD LEADER: MIKE JACOBS (309) 671-3460

CATALOG NO. 035650-00D
CONTRACT NO. 68E57

PROPOSED
HIGHWAY PLANS

FAP ROUTE 574 (IL 41)
SECTION (11,12)PP
CONTRACT MAINTENANCE
FULTON AND MCDONOUGH COUNTIES

D-94-070-18



PROJECT BEGINS:
NORTH CITY LIMITS OF AVON

PROJECT ENDS:
IL 9

GROSS LENGTH = 37,600 FT. = 7.121 MILE
NET LENGTH = 35,148 FT. = 6.657 MILE

PROJECT DESCRIPTION:

PARTIAL DEPTH PATCHING ON IL 41 FROM
NORTH CITY LIMITS OF AVON TO IL 9

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED *October 25, 2018*
Ray Samara
REGION THREE ENGINEER

Dec 7, 2018
ENGINEER OF DESIGN AND ENVIRONMENT

Dec 7, 2018
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

COMMITMENTS

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

NO COMMITMENTS HAVE BEEN MADE FOR THIS PROJECT

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.

Prior to any waste materials being removed from the construction site the required environmental resource surveys will need to 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.

The required environmental resource documentation shall include the following:

- *BDE Form 2289 (Environmental Survey Request)
- *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

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

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

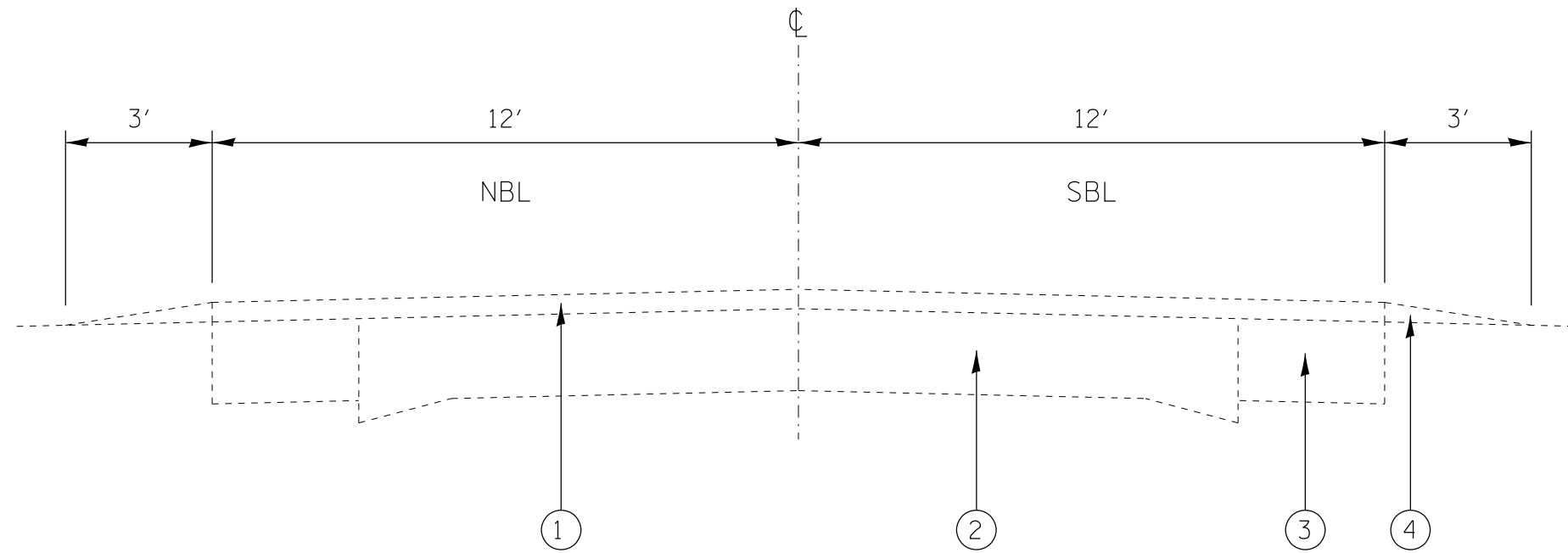
Mixture use(s):	Partial Depth Patching, 2 Inch
AC/PG	PG 64-22
Design Air Voids	4% N=50
Mixture Composition (Mixture Gradation)	IL 9.5
Friction Aggregate	Mix C
Quality Management Program:	QC/QA

- Note:
- 1) Individual lift thickness of each mix type will be no less than 3 times nominal maximum aggregate size and no more than 6 times nominal maximum aggregate size, unless otherwise approved by the engineer.
 - 2) For design purposes, mixture weight for all mixes is determined to be 112.0 lb / sy / in, unless otherwise noted.
 - 3) Sublot sizes for PFP and QCP mixes will be 1000 tons, unless otherwise agreed to by the engineer and the paving contractor.

MODEL: \\MODEL\NAMES
FILE: \\NAMEP: 31113

* FULTON AND MCDONOUGH COUNTIES

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMMITMENTS AND GENERAL NOTES	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	DRAWN -	REVISED -			574	(11,12)PP	*	6	2	
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -			CONTRACT NO. 68E57					
PLOT DATE = \$DATE\$	DATE -	REVISED -			SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.



IL 41

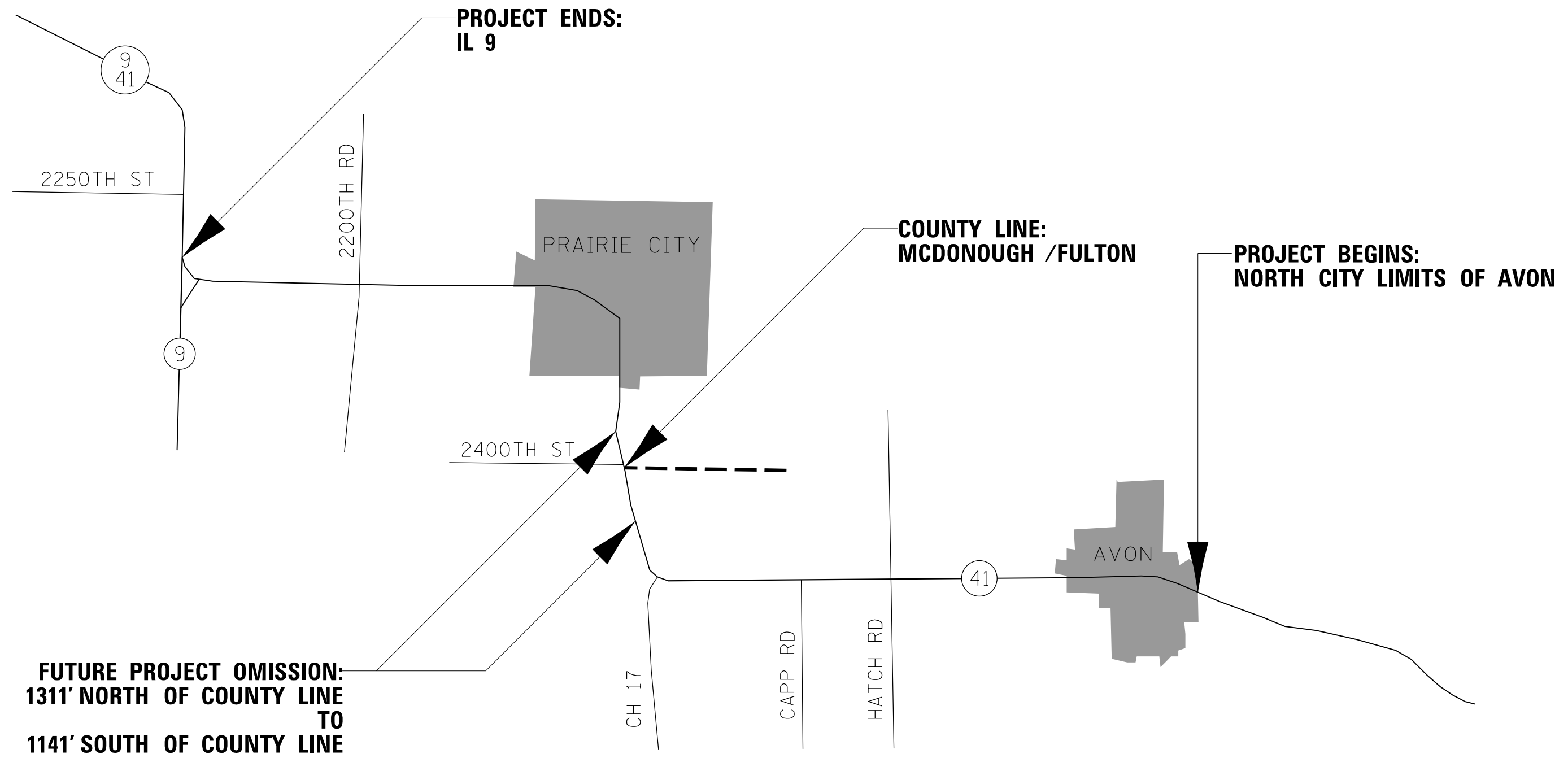
LEGEND:

- ① EXISTING HOT-MIX ASPHALT OVERLAY
- ② EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- ③ EXISTING HOT-MIX ASPHALT BASE COURSE WIDENING
- ④ EXISTING AGGREGATE SHOULDERS

MODEL: \$MODELNAME\$
FILE: \$NAME\$. \$EXT\$

* FULTON AND MCDONOUGH COUNTIES

USER NAME = \$USERS	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = \$SCALE\$	DRAWN -	REVISED -				574	(11,12)PP	*	6	4
PLOT DATE = \$DATE\$	CHECKED -	REVISED -		CONTRACT NO. 68E57						
	DATE -	REVISED -		SCALE:	SHEET 1	OF 1	SHEETS	STA.	TO STA.	ILLINOIS



**FUTURE PROJECT OMISSION:
1311' NORTH OF COUNTY LINE
TO
1141' SOUTH OF COUNTY LINE**

MODEL: \$MODELNAME\$
FILE NAME: \$FILE\$

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATE\$	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

LINE DIAGRAM

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

* FULTON AND MCDONOUGH COUNTIES				
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	(11,12)PP	*	6	5
			CONTRACT NO. 68E57	
		ILLINOIS	FED. AID PROJECT	

LENGTH	WIDTH	NUMBER OF PATCHES	PARTIAL DEPTH PATCHING (SPECIAL) *	PARTIAL DEPTH PATCHING *
FOOT	FOOT		SQ YD	TON
FULTON COUNTY				
IL 41 SOUTHBOUND				
60	8	1	53.33	5.97
4	12	2	10.67	1.19
20	12	1	26.67	2.99
30	12	1	40.00	4.48
45	12	1	60.00	6.72
50	12	1	66.67	7.47
70	12	2	186.67	20.91
90	12	1	120.00	13.44
100	12	1	133.33	14.93
116	12	1	154.67	17.32
120	12	1	160.00	17.92
250	12	1	333.33	37.33
SUBTOTAL			1346	151
IL 41 NORTHBOUND				
25	3	3	25.00	2.80
60	8	1	53.33	5.97
4	12	2	10.67	1.19
5	12	3	20.00	2.24
20	12	1	26.67	2.99
30	12	1	40.00	4.48
45	12	1	60.00	6.72
70	12	2	186.67	20.91
90	12	1	120.00	13.44
100	12	2	266.67	29.87
116	12	1	154.67	17.32
300	12	1	400.00	44.80
SUBTOTAL			1364	153
FULTON COUNTY SUBTOTAL			2710	304
FULTON COUNTY WINTER BREAK-UP (20%)			542	61
FULTON COUNTY TOTAL			3252	365
MCDONOUGH COUNTY				
IL 41 SOUTHBOUND				
50	3	1	16.67	1.87
70	4	1	31.11	3.48
4	12	1	5.33	0.60
5	12	1	6.67	0.75
10	12	3	40.00	4.48
20	12	2	53.33	5.97
30	12	4	160.00	17.92
40	12	2	106.67	11.95
50	12	2	133.33	14.93
80	12	1	106.67	11.95
100	12	1	133.33	14.93
SUBTOTAL			794	89
IL 41 NORTHBOUND				
25	3	1	8.33	0.93
50	3	1	16.67	1.87
4	12	1	5.33	0.60
5	12	1	6.67	0.75
10	12	3	40.00	4.48
20	12	3	80.00	8.96
25	12	1	33.33	3.73
30	12	4	160.00	17.92
40	12	4	213.33	23.89
45	12	1	60.00	6.72
50	12	3	200.00	22.40
100	12	1	133.33	14.93
SUBTOTAL			957	108
MCDONOUGH COUNTY SUBTOTAL			1751	197
MCDONOUGH COUNTY WINTER BREAK-UP (20%)			351	40
MCDONOUGH COUNTY TOTAL			2102	237
GRAND TOTAL			5354	602

* FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE RESIDENT ENGINEER

MOBILIZATION	
LOCATION	L SUM
FULTON COUNTY	0.50
MCDONOUGH COUNTY	0.50
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L SUM
FULTON COUNTY	0.50
MCDONOUGH COUNTY	0.50
TOTAL	1

* FULTON AND MCDONOUGH COUNTIES

MODEL: \$MODELNAME\$
FILE NUMBER: \$FILE\$

USER NAME = \$USERS	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED -	REVISED -
PLOT DATE = \$DATES	DATE -	REVISED -

**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.
574	(11,12)PP	*	6	6
CONTRACT NO. 68E57				
ILLINOIS FED. AID PROJECT				