

F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	(11,12)PP	ILLINOIS	6	1

CONTRACT NO. 68E57
- FULTON AND MCDONOUGH COUNTIES

- 08-03-2018 LETTING ITEM 032
- 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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

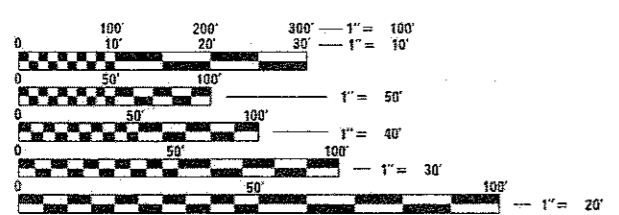
**PROPOSED
HIGHWAY PLANS**

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

HIGHWAY STANDARDS:
701006-05
701306-04
701901-07

DISTRICT STANDARDS:
NONE

DESIGN DESIGNATION:
CLASS: MINOR ARTERIAL
ADT: 2000
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.

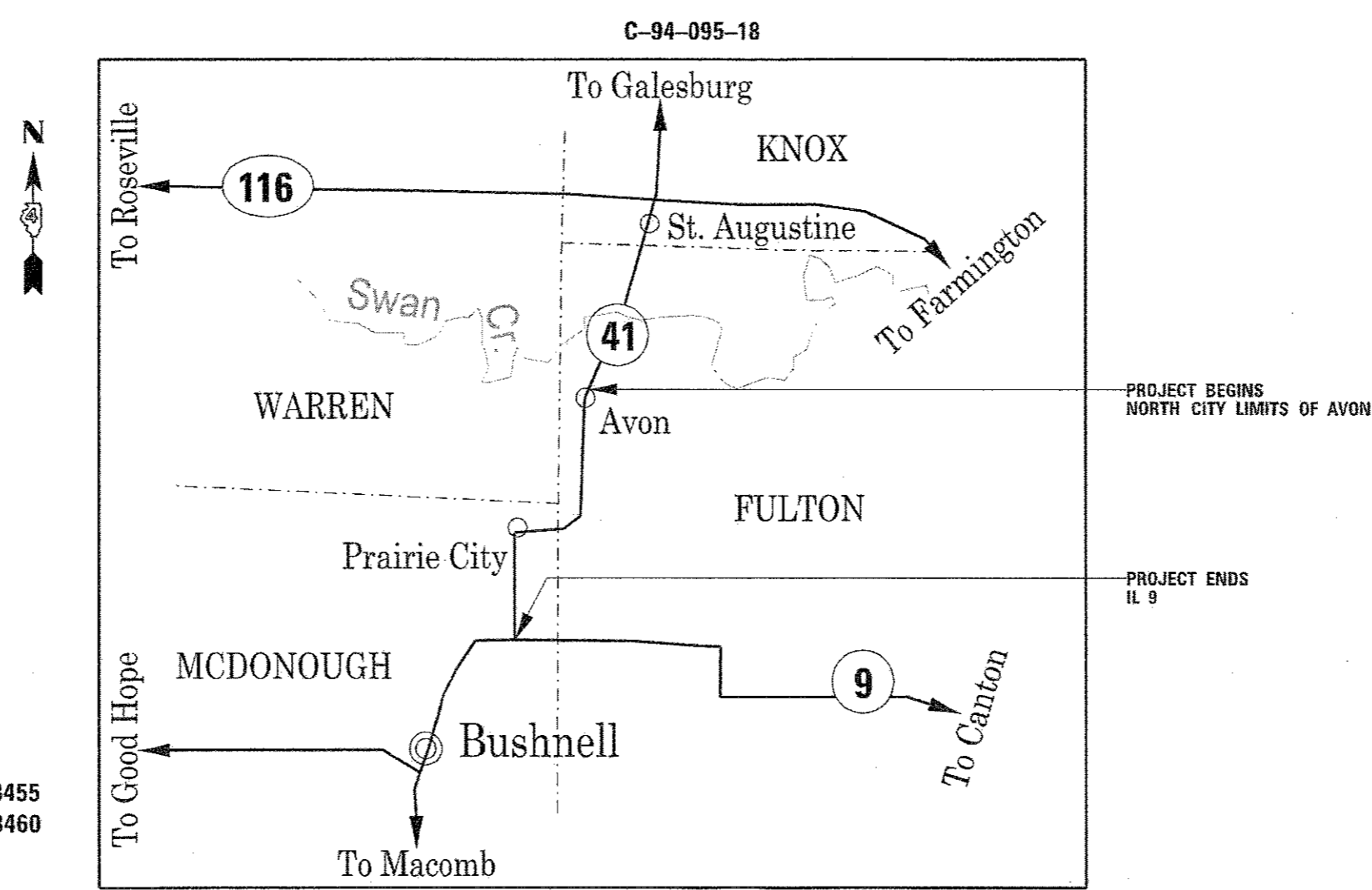
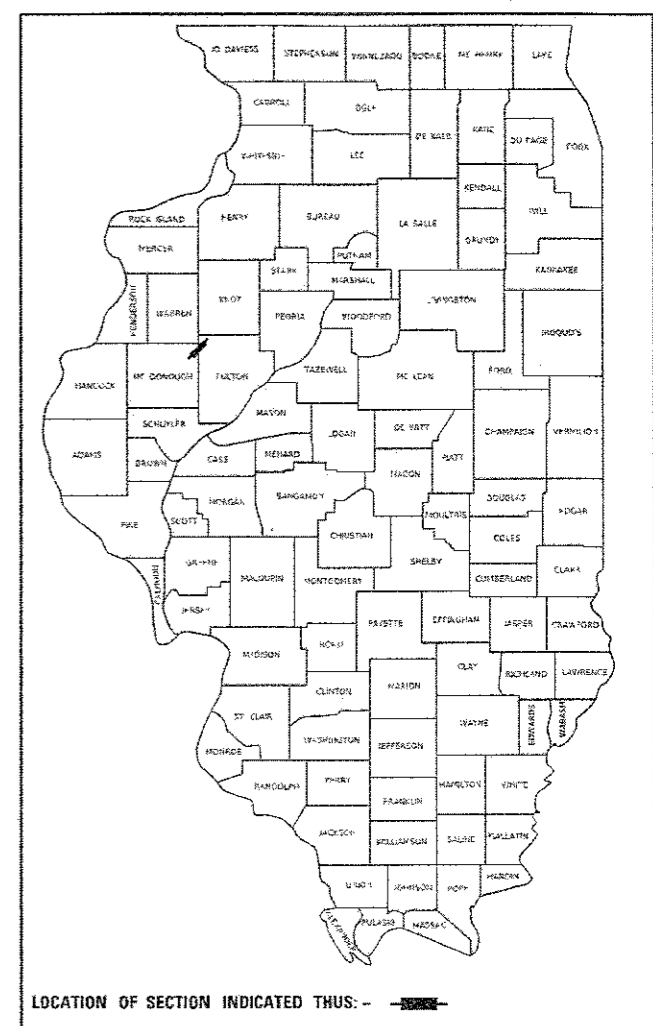
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

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

GROSS LENGTH = 37,600 FT. = 7.121 MILE
NET LENGTH = 37,600 FT. = 7.121 MILE

D-94-070-18



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

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED May 17 2018
Ray A. Samara
REGION THREE ENGINEER

June 29 2018
Scott A. Etkin
ENGINEER OF DESIGN AND ENVIRONMENT

June 29 2018
David P. [Signature]
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.

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* FULTON AND MCDONOUGH COUNTIES

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PLOT SCALE = 200,0000' / in.	DRAWN -	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 68E57			
PLOT DATE = 5/18/2018	CHECKED -	REVISED -			ILLINOIS FED. AID PROJECT						
	DATE -	REVISED -									

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				FULTON 100% STATE 0005	MCDONOUGH 100% STATE 0005
67100100	MOBILIZATION	L SUM	1	0.5	0.5
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.5	0.5
X0556100	PARTIAL DEPTH PATCHING (SPECIAL)	SQ YD	4812	2995	1817
X4421000	PARTIAL DEPTH PATCHING	TON	539	336	203

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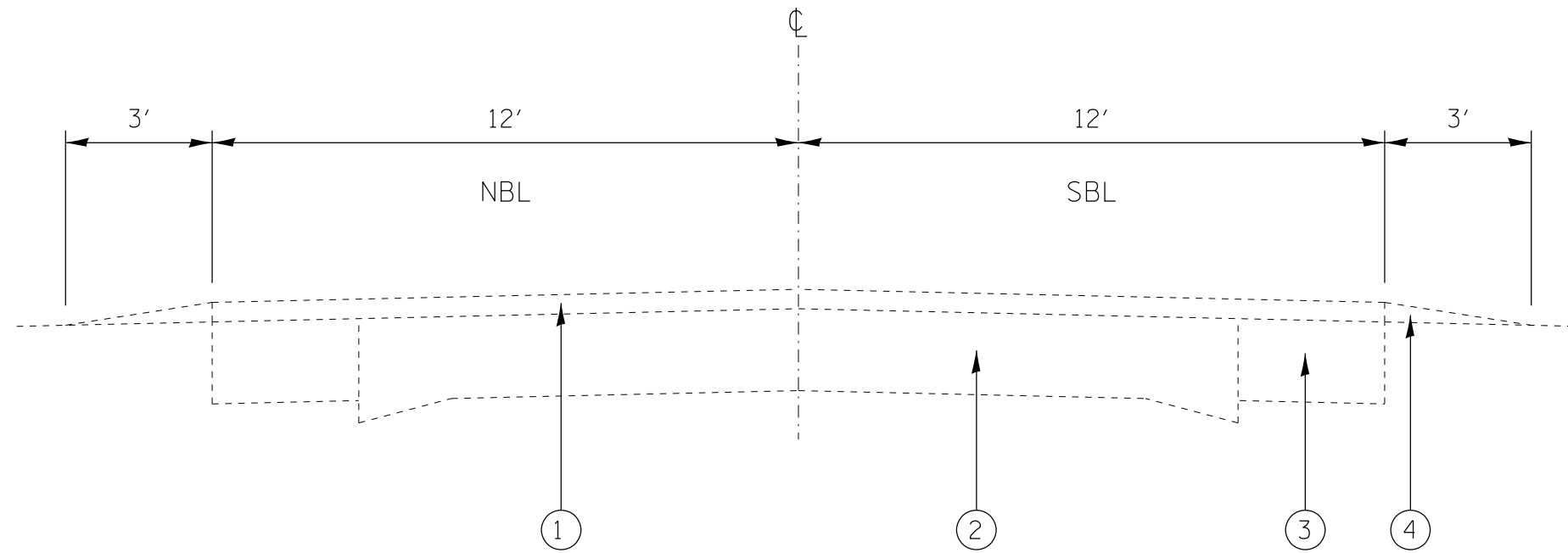
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PLOT DATE = 5/18/2018	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
574	(1), (2)PP	•	6	3
* FULTON AND MCDONOUGH COUNTIES CONTRACT NO. 68E57 ILLINOIS FED. AID PROJECT				



IL 41

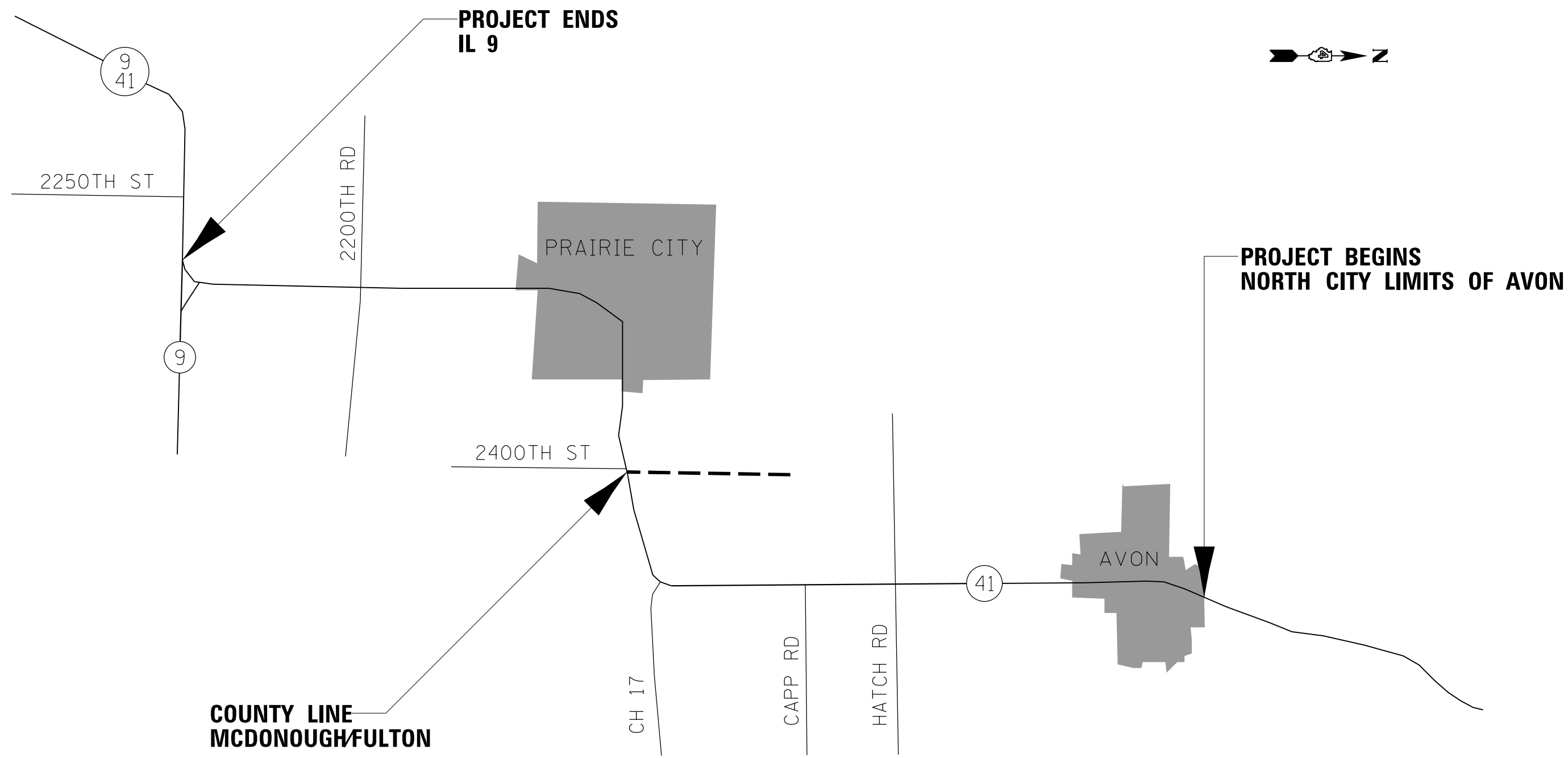
LEGEND:

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

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* FULTON AND MCDONOUGH COUNTIES

USER NAME = mobertyar	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTION		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -				574	(11,12)PP	*	6	4
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 68E57				
PLOT DATE = 5/18/2018	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						



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	DRAWN -	REVISED -
PLOT SCALE = 200,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/18/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LINE DIAGRAM				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

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

* FULTON AND MCDONOUGH COUNTIES

PARTIAL DEPTH PATCHING *			
LENGTH	WIDTH	NUMBER OF PATCHES	TON
FOOT	FOOT		
FULTON COUNTY			
IL 41 SOUTHBOUND			
60	8	1	5.97
4	12	2	1.19
5	12	3	2.24
20	12	1	2.99
30	12	1	4.48
45	12	1	6.72
50	12	1	7.47
70	12	2	20.91
90	12	1	13.44
100	12	1	14.93
116	12	1	17.32
120	12	1	17.92
250	12	1	37.33
SUBTOTAL			153
IL 41 NORTHBOUND			
25	3	3	2.80
60	8	1	5.97
4	12	2	1.19
5	12	3	2.24
20	12	1	2.99
30	12	1	4.48
45	12	1	6.72
70	12	2	20.91
90	12	1	13.44
100	12	2	29.87
116	12	1	17.32
200	12	1	29.87
300	12	1	44.80
SUBTOTAL			183

PARTIAL DEPTH PATCHING *			
LENGTH	WIDTH	NUMBER OF PATCHES	TON
FOOT	FOOT		
MCDONOUGH COUNTY			
IL 41 SOUTHBOUND			
50	3	1	1.87
70	4	1	3.48
4	12	1	0.60
5	12	1	0.75
10	12	3	4.48
20	12	2	5.97
30	12	4	17.92
40	12	2	11.95
50	12	2	14.93
80	12	1	11.95
100	12	1	14.93
SUBTOTAL			89
IL 41 NORTHBOUND			
25	3	1	0.93
50	3	1	1.87
200	3	1	7.47
4	12	1	0.60
5	12	1	0.75
10	12	3	4.48
20	12	3	8.96
25	12	1	3.73
30	12	4	17.92
40	12	4	23.89
45	12	1	6.72
50	12	3	22.40
100	12	1	14.93
SUBTOTAL			114
TOTAL			539

PARTIAL DEPTH PATCHING (SPECIAL) *			
LENGTH	WIDTH	NUMBER OF PATCHES	SQUARE YARD
FOOT	FOOT		
FULTON COUNTY			
IL 41 SOUTHBOUND			
60	8	1	53.33
4	12	2	10.67
5	12	3	20.00
20	12	1	26.67
30	12	1	40.00
45	12	1	60.00
50	12	1	66.67
70	12	2	186.67
90	12	1	120.00
100	12	1	133.33
116	12	1	154.67
120	12	1	160.00
250	12	1	333.33
SUBTOTAL			1365
IL 41 NORTHBOUND			
25	3	3	25.00
60	8	1	53.33
4	12	2	10.67
5	12	3	20.00
20	12	1	26.67
30	12	1	40.00
45	12	1	60.00
70	12	2	186.67
90	12	1	120.00
100	12	2	266.67
116	12	1	154.67
200	12	1	266.67
300	12	1	400.00
SUBTOTAL			1630

PARTIAL DEPTH PATCHING (SPECIAL) *			
LENGTH	WIDTH	NUMBER OF PATCHES	SQUARE YARD
FOOT	FOOT		
MCDONOUGH COUNTY			
IL 41 SOUTHBOUND			
50	3	1	16.67
70	4	1	31.11
4	12	1	5.33
5	12	1	6.67
10	12	3	40.00
20	12	2	53.33
30	12	4	160.00
40	12	2	106.67
50	12	2	133.33
80	12	1	106.67
100	12	1	133.33
SUBTOTAL			793
IL 41 NORTHBOUND			
25	3	1	8.33
50	3	1	16.67
200	3	1	66.67
4	12	1	5.33
5	12	1	6.67
10	12	3	40.00
20	12	3	80.00
25	12	1	33.33
30	12	4	160.00
40	12	4	213.33
45	12	1	60.00
50	12	3	200.00
100	12	1	133.33
SUBTOTAL			1024
TOTAL			4812

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

MOBILIZATION	
LOCATION	L SUM
COUNTY	
FULTON	0.5
MCDONOUGH	0.5
TOTAL	1

TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	
LOCATION	L SUM
COUNTY	
FULTON	0.5
MCDONOUGH	0.5
TOTAL	1

* FULTON AND MCDONOUGH COUNTIES

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USER NAME = moberlyar	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 5/18/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF 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	