

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	1
		ILLINOIS	CONTRACT NO. 74880	

038

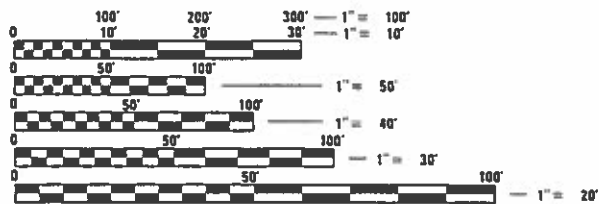
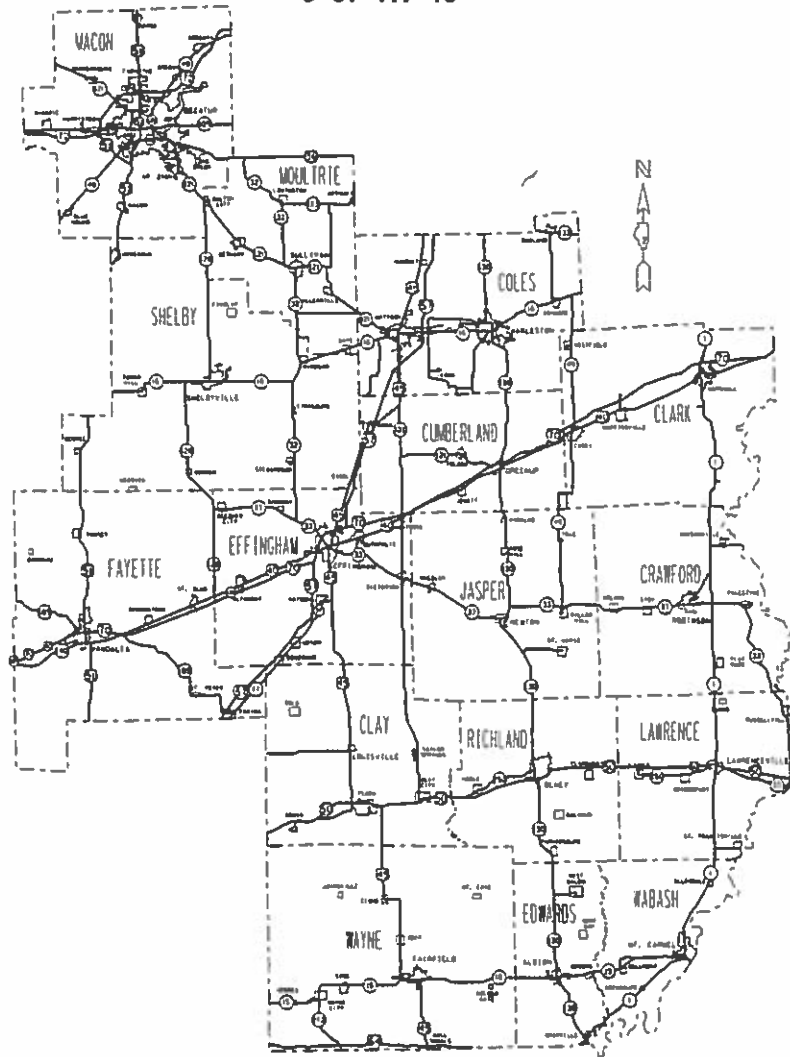
FOR INDEX OF SHEETS, SEE SHEET NO. 2

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES  
SECTION D7 GUARDRAIL 2019-1

GUARDRAIL MAINTENANCE  
VARIOUS COUNTIES

C-97-117-18



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 BRIAN LEWIS  
PROJECT MANAGER CHRIS WESTENDORF

CONTRACT NO. 74880

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUBMITTED July 23 2019  
Jeffery P. Meyer REGIONAL ENGINEER  
Aug 16 2019  
Scott A. Etk ENGINEER OF DESIGN AND ENVIRONMENT  
Aug 19 2019  
Paul P. Chaf DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY  
OF THE STATE OF ILLINOIS

GENERAL NOTES

THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN VARIOUS COUNTIES ALL LOCATED WITHIN REGION 4-DISTRICT 7. THE WORK INCLUDED IN THIS SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL REPAIR AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

ALL WORK IS TO BE REPLACED IN KIND UNLESS OTHERWISE INDICATED ON THE PLANS OR PROVISIONS.

GUARDRAIL WORK SHALL INCLUDE ALIGNMENT AS NECESSARY TO RESTORE THE RAIL TO THE ORIGINAL CONDITIONS.

BEFORE ORDERING THE IMPACT ATTENUATORS, THE CONTRACTOR MUST CONTACT THE RESIDENT ENGINEER TO RECEIVE APPROVAL OF THE PROPOSED INSTALLATION.

REMOVAL OF DAMAGED MATERIALS SHALL INCLUDE DISMANTLING, LOADING, HAULING AND DISPOSAL. THE WORK SITE SHALL BE LEFT IN A SAFE AND ORDERLY CONDITION.

MATERIAL SHALL NOT BE LEFT ON OR WITHIN 18' OF THE ROADWAY DURING NON-WORKING HOURS.

THE LIMITS OF THE DAMAGED GUARDRAIL WILL BE MARKED WITH PAINT. THE REPLACEMENT PARTS AND THE QUANTITIES INDICATED ARE WITHIN THESE LIMITS AS MARKED.

REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.

GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO TERMINAL SECTIONS.

ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PH. 800-892-0123) OR FOR NON-MEMBER, THE UTILITY COMPANY DIRECTLY.

NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

THE CONTRACTOR IS ADVISED THAT THE GUARDRAIL PAY ITEMS INCLUDED IN THE PLANS MAY BE USED TO REPLACE/REPAIR SPBGR AND TRAFFIC BARRIER TERMINALS FOR THE MIDWEST GUARDRAIL SYSTEM AS SHOWN IN THE HIGHWAY STANDARDS AS WELL AS SPBGR AND TRAFFIC BARRIER TERMINALS INSTALLED PRIOR TO JAN. 1, 2007. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST GUARDRAIL SYSTEM STANDARD.

INDEX OF SHEETS

1	COVER SHEET
2	INDEX OF SHEETS AND GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	QUANTITY SCHEDULES
6-17	LOCATION MAPS
18	SAND BARREL DETAILS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. X:

630001-12	STEEL PLATE BEAM GUARDRAIL
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631033-07	TRAFFIC BARRIER TERMINAL, TYPE 6B
643001-02	SAND MODULE IMPACT ATTENUATORS
665001-02	WOVEN WIRE FENCE
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NONTRAVERSABLE MEDIAN
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

MODEL: Default  
FILE: \\blm1c2.pw.us\pub\lans\com\dat\illinois\pwr\WIDOT\Documents\IDOT\_Offices\District 7\Projects\74880\CADD\Drawings\74880-51c-gen-note.dgn

USER NAME = steffenmk	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES &amp; INDEX OF SHEETS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -			D7 GUARDRAIL 2019-1	VARIOUS	18	2	
PLOT SCALE = 36000.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74880				
PLOT DATE = 7/23/2019	DATE -	REVISED -			ILLINOIS	FED. AID PROJECT			
				SCALE:	SHEET	OF	SHEETS	STA.	TO STA.

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0021 MCHD	0021 Cont. Maint.
6310045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	11	6	5
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	2	
63400105	GUARD POSTS	EACH	6		6
66500105	WOVEN WIRE FENCE, 4'	FOOT	206	206	
67100100	MOBILIZATION	L SUM	1	0.45	0.55
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0.69	0.31
70102630	TRAFFIC CONTROL AND PROTECTION, STANDARD 701601	L SUM	1	0.5	0.5
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	16	8	8
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	40	20	20

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		0021 MCHD	0021 Cont. Maint.
X6300210	GUARDRAIL BLOCKS	EACH	31	25	6
X6300215	RAIL ELEMENT PLATES	EACH	46	37	9
X6300217	RAIL ELEMENT PLATES (RADIUS)	EACH	2	2	
X6300220	EXTRUDER HEAD	EACH	1		1
X6300236	STEEL POSTS 6'	EACH	37	36	1
X6431220	REMOVE AND REPLACE IMPACT ATTENUATOR SAND MODULE	EACH	27		27
Z0029658	REPAIR TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL - POST	EACH	10	1	9
Z0052410	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL (TANGENT)	EACH	16	5	11
Z0053220	REPAIR TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	1	1	
Z0059660	REPAIR TRAFFIC BARRIER TERMINAL TYPE 1 SPECIAL - RAIL ELEMENT PLATE	EACH	2	1	1

MODEL: Default  
 FILE: Model: P:\pub\baronm.dwg  
 PROJECT: 74880\CAD\Drawings\DOT - Office\Drawings\74880-Sub-500.dwg

USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/23/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	3
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	

MODEL: Default  
 FILE: Model: P:\pub\baronm.dwg  
 PROJECT: 74880\CADD\Drawings\DOT\_Offices\Drawings\74880\CADD\Drawings\DOT\_Offices\Drawings\74880\SheetSchedule.dwg

Map Location	Route	County	Nearest Municipality	Offset	Latitude	Longitude	MCHD or Contract Maintenance	Claim Number	Rail Element Plates (Each)	Rail Element Plates (Radius) (Each)	Guardrail Blocks (Each)	Steel Posts 6' (Each)	Repair Traffic Barrier Terminal Type 1 (Special) Tangent (Each)	Repair Traffic Barrier Terminal Type 6 (Each)	Repair Traffic Barrier Terminal Type 6B (Each)	Repair Traffic Barrier Terminal Type 1 Special - Rail Element Plate (Each)	Repair Traffic Barrier Terminal Type 1 Special - Post (Each)	Extruder Head (Each)	Traffic Barrier Terminal Type 1 (Special) Tangent (Each)	Traffic Barrier Terminal Type 1 (Special) Flared (Each)	Traffic Barrier Terminal Type 2 (Each)	Remove and Replace Impact Attenuator Sand Module (Each)	Guard Posts (Each)	Terminal Marker - Direct Applied (Each)	Woven Wire Fence 4'	Traffic Control Standard 701006 (No Pay)	Traffic Control Standard 701101 (No Pay)	Traffic Control Standard 701201 (L Sum)	Traffic Control Standard 701426 Spl (No Pay)	Traffic Control Standard 701601 (L Sum)		
1	I-70 EB	Clark	Marshall	Right	39.42302	-87.67873	MCHD	817500	5		5	7		1																1		
2	I-70 WB	Clark	Martinsville	Left	39.35319	-87.90129	Cont. Maint.	N/A					1																	1		
3	US 45 NB	Clay	Flora	Right	38.61855	-88.43823	MCHD	810098					1																	0.0345		
4	I-57 NB	Coles	Mattoon	Right	39.50954	-88.31871	MCHD	810090	1											1				1						1		
5	I-57 NB	Coles	Mattoon	Right	39.42536	-88.37947	MCHD	810091	1							1																
6	Lake Road (250E) SB	Coles	Mattoon	Right	39.43257	-88.42474	MCHD	810102					1																	0.0345		
7	I-57 NB	Coles	Mattoon	Left	39.48340	-88.32164	MCHD	810104	1		1	1								1										1		
8	IL 133 WB	Coles	Oakland	Right	39.65870	-88.06140	MCHD	817501											1					1						0.0345		
9	Jackson Street	Crawford	Robinson	Right	39.01530	-87.73164	MCHD	810103	2		3	3																		0.0345		
10	IL 33 NB	Crawford	Flat Rock	Right	38.87169	-87.55766	MCHD	817502	2		1	1																		0.0345		
11	I-70 EB	Cumberland	Casey	Right	39.29914	-88.02731	MCHD	810118																	163		1					
12	I-70 EB	Cumberland	Greenup	Right	39.21854	-88.24422	Cont. Maint.	N/A					1											1						1		
13	Montrose Blacktop NB	Cumberland	Montrose	Right	39.17517	-88.37772	Cont. Maint.	N/A									3													0.0345		
14	Montrose Blacktop NB	Cumberland	Montrose	Right	39.17890	-88.37772	Cont. Maint.	N/A									1														0.0345	
15	Montrose Blacktop NB	Cumberland	Montrose	Right	39.18093	-88.37772	Cont. Maint.	N/A		1																					0.0345	
16	Montrose Blacktop NB	Cumberland	Montrose	Right	39.18402	-88.37772	Cont. Maint.	N/A					1																		0.0345	
17	Montrose Blacktop NB	Cumberland	Montrose	Right	39.18570	-88.37772	Cont. Maint.	N/A	3																						0.0345	
18	Montrose Blacktop NB	Cumberland	Montrose	Right	39.18528	-88.37772	Cont. Maint.	N/A									1														0.0345	
19	Montrose Blacktop NB	Cumberland	Montrose	Right	39.22780	-88.37796	Cont. Maint.	N/A									1														0.0345	
20	Montrose Blacktop SB	Cumberland	Montrose	Right	39.22789	-88.37796	Cont. Maint.	N/A			1						1							1							0.0345	
21	Montrose Blacktop SB	Cumberland	Montrose	Right	39.22556	-88.37795	Cont. Maint.	N/A	1	1	3	1																			0.0345	
22	Montrose Blacktop SB	Cumberland	Montrose	Right	39.22383	-88.37795	Cont. Maint.	N/A			2					1															0.0345	
23	Montrose Blacktop SB	Cumberland	Montrose	Right	39.22190	-88.37795	Cont. Maint.	N/A	4																						0.0345	
24	Montrose Blacktop SB	Cumberland	Montrose	Right	39.19200	-88.37773	Cont. Maint.	N/A					1																		0.0345	
25	Montrose Blacktop SB	Cumberland	Montrose	Right	39.17184	-88.37907	Cont. Maint.	N/A									1														0.0345	
26	Montrose Blacktop SB	Cumberland	Montrose	Right	39.26437	-88.37823	Cont. Maint.	N/A					1																		0.0345	
27	Montrose Blacktop NB	Cumberland	Montrose	Right	39.25902	-88.37812	Cont. Maint.	N/A									1														0.0345	

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**QUANTITY SCHEDULE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	4
			CONTRACT NO. 74880	
	ILLINOIS	FED. AID PROJECT		

MODEL: Default  
 FILE: M:\GIS\_Plan\pub\barroom.dwg  
 PROJECT: 74880\CADD\DATA\CADD\barroom.dwg  
 PROJECT: 74880\CADD\DATA\CADD\barroom.dwg

Map Location	Route	County	Nearest Municipality	Offset	Latitude	Longitude	MCHD or Contract Maintenance	Claim Number	Rail Element Plates (Each)	Rail Element Plates (Radius) (Each)	Guardrail Blocks (Each)	Steel Posts 6' (Each)	Repair Traffic Barrier Terminal Type 1 (Special) Tangent (Each)	Repair Traffic Barrier Terminal Type 6 (Each)	Repair Traffic Barrier Terminal Type 6B (Each)	Repair Traffic Barrier Terminal Type 1 Special - Rail Element Plate (Each)	Repair Traffic Barrier Terminal Type 1 Special - Post (Each)	Extruder Head (Each)	Traffic Barrier Terminal Type 1 (Special) Tangent (Each)	Traffic Barrier Terminal Type 1 (Special) Flared (Each)	Traffic Barrier Terminal Type 2 (Each)	Remove and Replace Impact Attenuator Sand Module (Each)	Guard Posts (Each)	Terminal Marker - Direct Applied (Each)	Woven Wire Fence 4'	Traffic Control Standard 701006 (No Pay)	Traffic Control Standard 701101 (No Pay)	Traffic Control Standard 701201 (L Sum)	Traffic Control Standard 701426 Spl (No Pay)	Traffic Control Standard 701601 (L Sum)	
28	IL 128 NB	Effingham	Altamont	Right	39.04399	-88.74808	MCHD	810082	1						1												0.0345				
29	I-57/70 SB/WB	Effingham	Effingham	Right	39.12998	-88.56576	MCHD	810100	2		2	1																1			
30	I-57 NB	Effingham	Effingham	Right	39.17729	-88.50527	MCHD	817503																	43	1					
31	Fayette Ave EB	Effingham	Effingham	Right	39.12053	-88.56985	Cont. Maint.	N/A											1					1						0.25	
32	I-57/70 SB/WB	Effingham	Effingham	Left	39.10322	-88.57426	Cont. Maint.	N/A											1					1						1	
33	I-70 WB	Effingham	Altamont	Left	39.02668	-88.80575	Cont. Maint.	N/A															10			1				1	
34	I-57 NB	Effingham	Edgewood	Right	38.92497	-88.67349	Cont. Maint.	N/A											1					1						1	
35	I-57 NB	Effingham	Watson	Left	39.03263	-88.58687	Cont. Maint.	N/A															12	6			1				
36	I-70 WB	Fayette	Vandalia	Right	38.95668	-89.17030	MCHD	810088					1																	1	
37	I-70 EB	Fayette	Vandalia	Right	38.96735	-89.13904	MCHD	810105					1																	1	
38	I-70 EB	Fayette	Brownstown	Right	38.97979	-88.96423	MCHD	810106	8		10	15										1								1	
39	I-57 NB	Fayette	Farina	Right	38.83910	-88.78538	Cont. Maint.	N/A					1					1								1					
40	US 50 WB	Lawrence	Lawrenceville	Left	38.71654	-87.58834	MCHD	817504											1											1	
41	IL 105 EB	Macon	Decatur	Right	39.85334	-88.88886	MCHD	810094					1																	0.25	
42	US 51 NB	Macon	Forsyth	Right	39.98206	-88.95609	MCHD	810095											1								1				
43	I-72 EB	Macon	Decatur	Right	39.83240	-89.07796	MCHD	810096	2		1	2																		1	
44	Bus US 51 SB	Macon	Decatur	Right	39.78585	-88.97785	MCHD	810097												1										1	
45	I-72 EB	Macon	Decatur	Left	39.83582	-89.05871	MCHD	817505	2																					1	
46	I-72 EB	Macon	Decatur	Left	39.90755	-88.97424	Cont. Maint.	N/A															5							1	
47	IL 36 EB	Macon	Decatur	Right	39.84699	-88.97999	Cont. Maint.	N/A	1										1												0.25
48	IL 121 WB	Moultrie	Coles	Right	39.53526	-88.49522	MCHD	810099											1											0.0345	
49	IL 121 SB	Moultrie	Sullivan	Right	39.67895	-88.77236	Cont. Maint.	N/A					1														1				
50	IL 16 WB	Shelby	Tower Hill	Right	39.38968	-89.02195	MCHD	810092	4		1	1																		0.0345	
51	I-57 NB	Shelby	Neoga	Left	39.24718	-88.47773	MCHD	810093	4			4																		1	
52	IL 128 SE Bound	Shelby	Cowden	Right	39.23160	-88.84417	MCHD	810101	1		1	1							1											0.0345	
53	IL 32 SB	Shelby	Windsor	Right	39.45509	-88.60771	Cont. Maint.	N/A					1																	0.0345	
54	IL 128 SB	Shelby	Cowden	Right	39.28168	-88.86190	Cont. Maint.	N/A					1																	0.0345	
55	IL 128 SB	Shelby	Shelbyville	Right	39.49985	-88.80790	Cont. Maint.	N/A											1											0.0345	
56	US 51 SB	Shelby	Oconee	Right	39.28177	-89.10014	Cont. Maint.	N/A					1																	0.0345	
57	IL 15 WB	Wayne	Wayne City	Right	38.35925	-88.58828	Cont. Maint.	N/A					1																	0.0345	
58	IL 105 EB	Macon	Decatur	Right	39.85310	-88.88711	MCHD	810094	1																					0.25	
<b>TOTALS:</b>									46	2	31	37	16	1	1	2	10	1	11	2	1	27	6	16	206	1	8	1	15	1	

USER NAME = stefenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

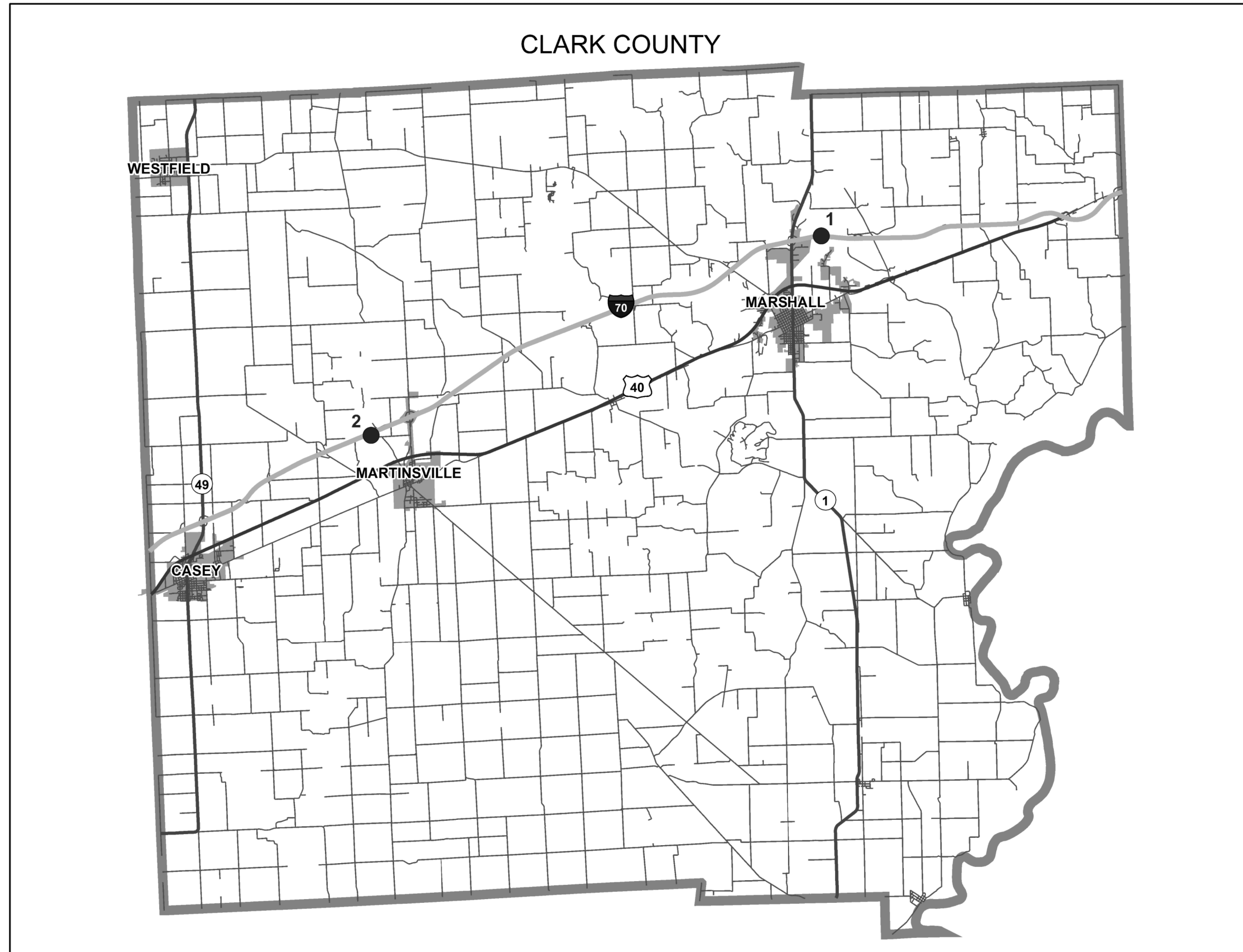
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**QUANTITY SCHEDULE**

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

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	5
CONTRACT NO. 74880				
	ILLINOIS	FED. AID PROJECT		

# CLARK COUNTY



MODEL: Default  
 FILE: \\nas101.pw.state.il.us\pub\baronm.d\at\illinois.gov\PI\DOT\Documents\DOT\_Offices\District\_7\Projects\74880\CADD\DATA\CAD\SheetID74880-51c.dwg

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

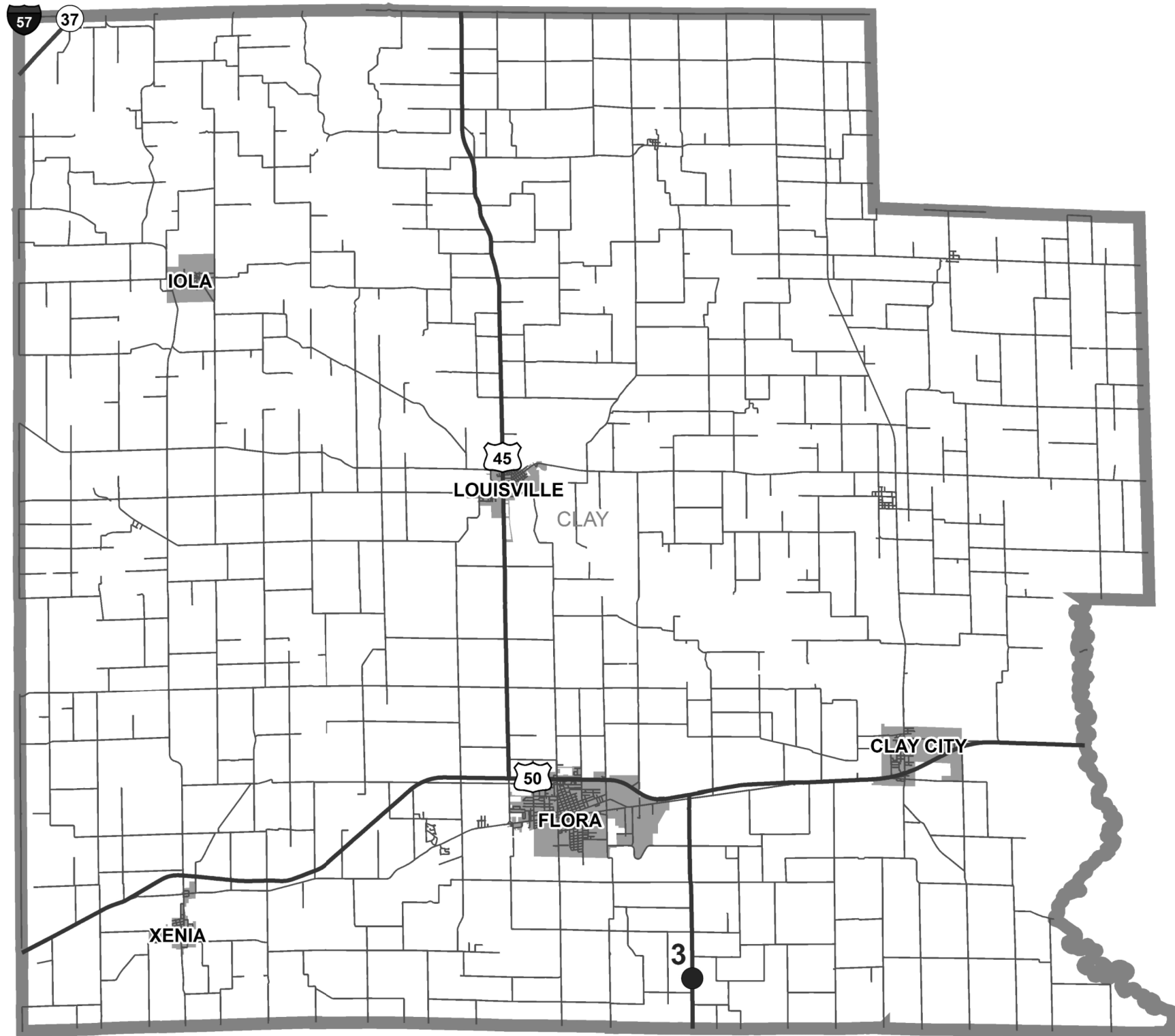
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

## CLARK COUNTY LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	6
			CONTRACT NO. 74880	
ILLINOIS FED. AID PROJECT				

# CLAY COUNTY



MODEL: Default  
 FILE: Model: 74880-57-37.dgn  
 PROJECT: 74880-57-37.dwg  
 OFFICE: I:\Projects\74880-57-37.dwg  
 DATE: 7/23/2019

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

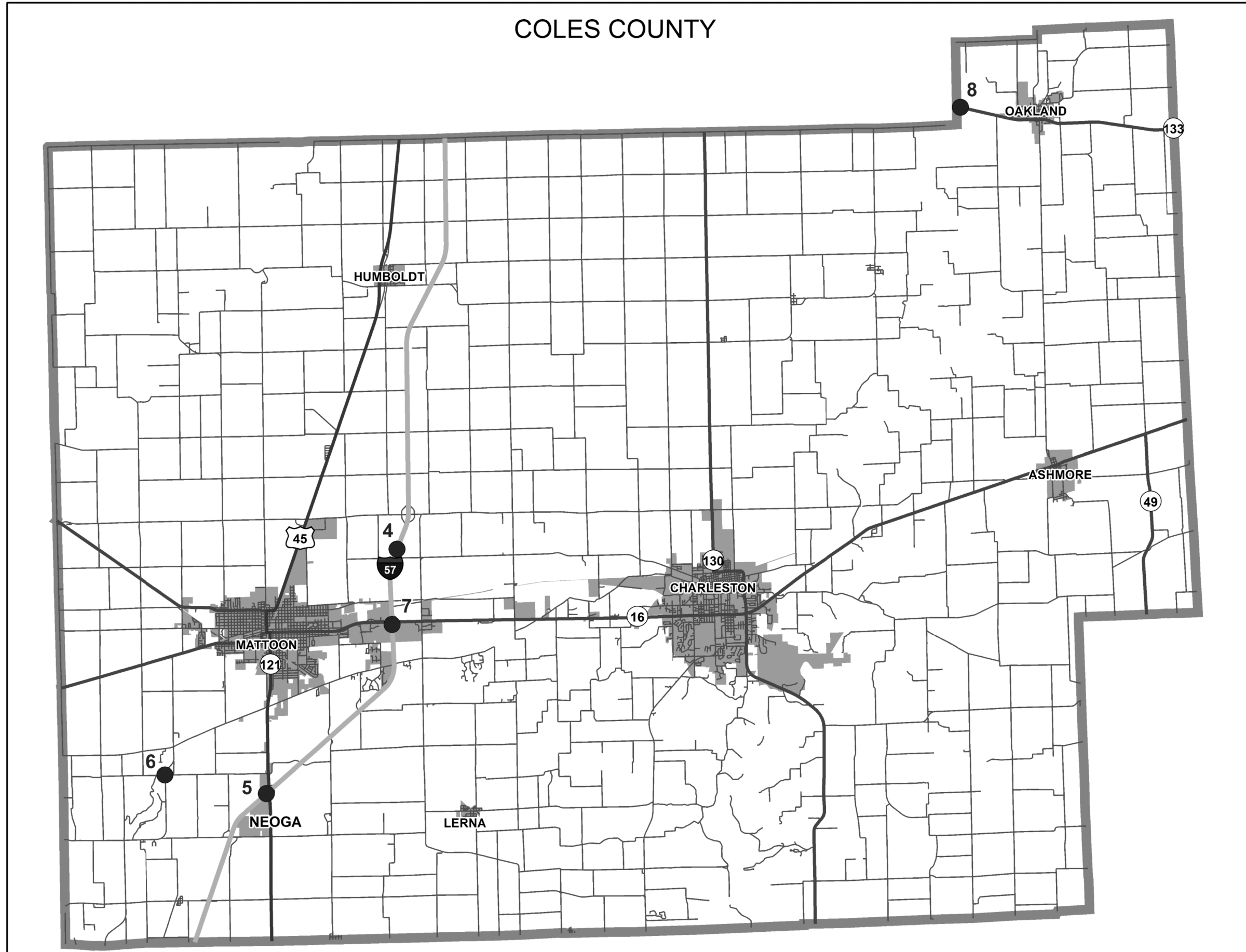
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

### CLAY COUNTY LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	7
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	

# COLES COUNTY



MODEL: Default  
 FILE: \\nas01c.psu.edu\pub\baronm.d\at\illinois.gov\PI\DOT\Documents\DOT\_Offices\District\_7\Projects\74880\CADD\data\CAD\sheet\74880-8.ctb

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

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

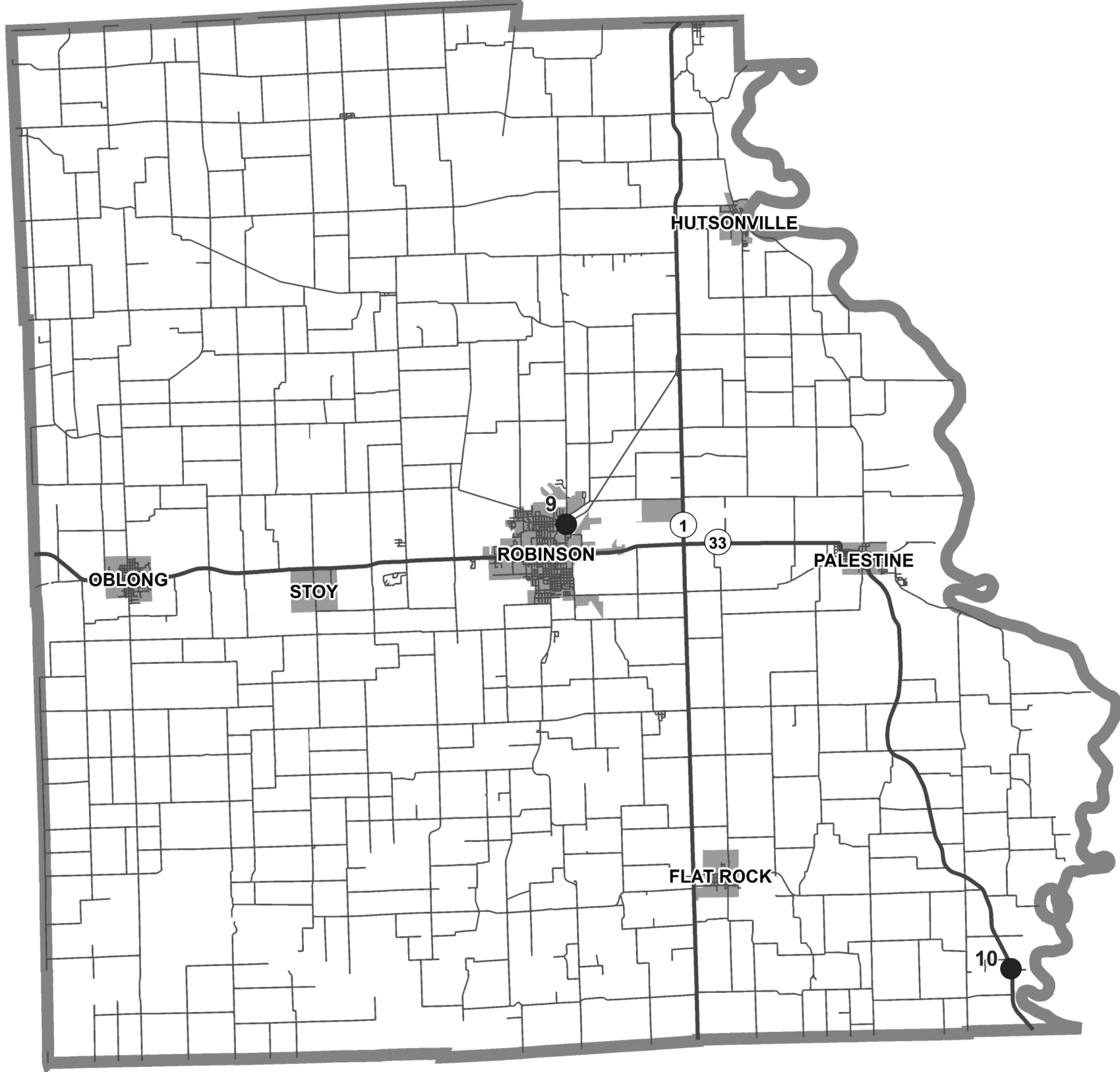
**COLES COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	8
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	



# CRAWFORD COUNTY



MODEL: Default  
 FILE: \\nas01.cpe.psuplanroom.dia.illinois.gov\PI\DOT\Documents\DOT\_Offices\District 7\Projects\74880\CADD\Drawings\74880-51c-plan.dgn

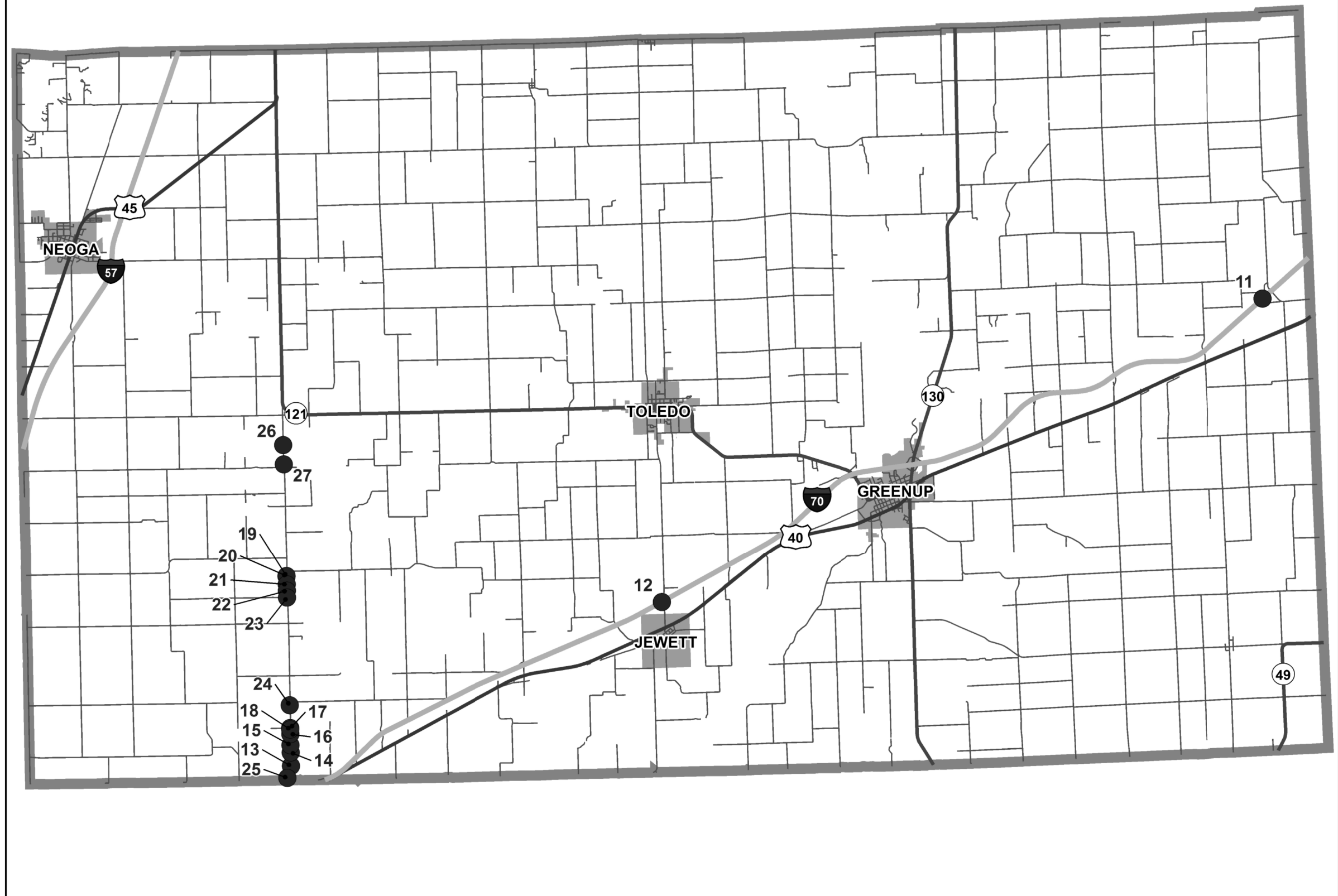
USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

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

<b>CRAWFORD COUNTY LOCATION MAP</b>				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	9
CONTRACT NO. 74880				
ILLINOIS FED. AID PROJECT				

# CUMBERLAND COUNTY



MODEL: Default  
 FILE: h:\m\c\p\pub\barroom.dwg  
 PROJECT: 74880\CADD\Drawings\DOT\_Offices\Drawings\74880-57-49-11.dwg

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

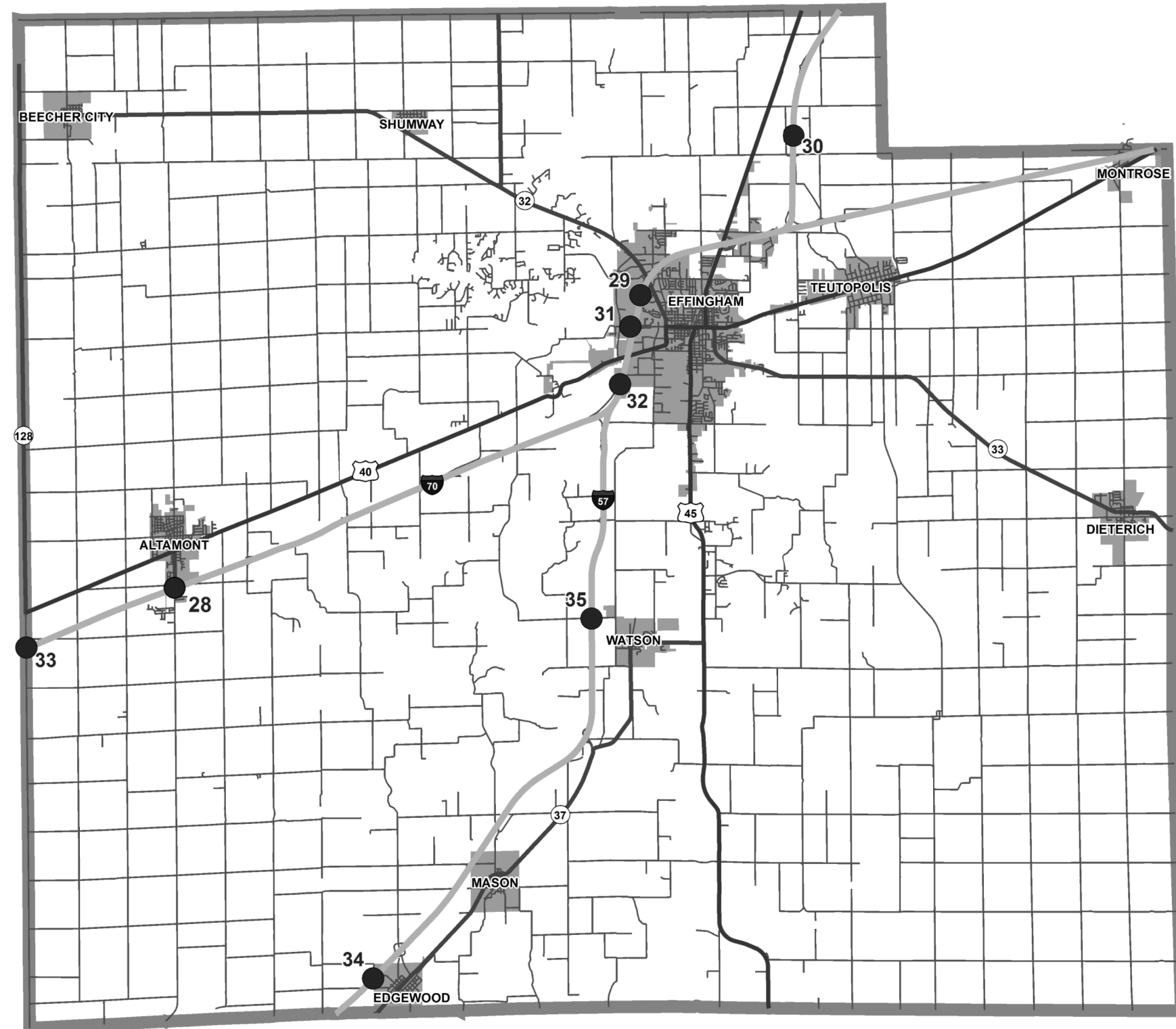
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CUMBERLAND COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	10
CONTRACT NO. 74880				
ILLINOIS FED. AID PROJECT				

# EFFINGHAM COUNTY



MODEL: Default  
 FILE: Model: 74880.ctb  
 PROJECT: 74880  
 CADD: 74880-CADD-Data-CAD-Drawings-174880-174880.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

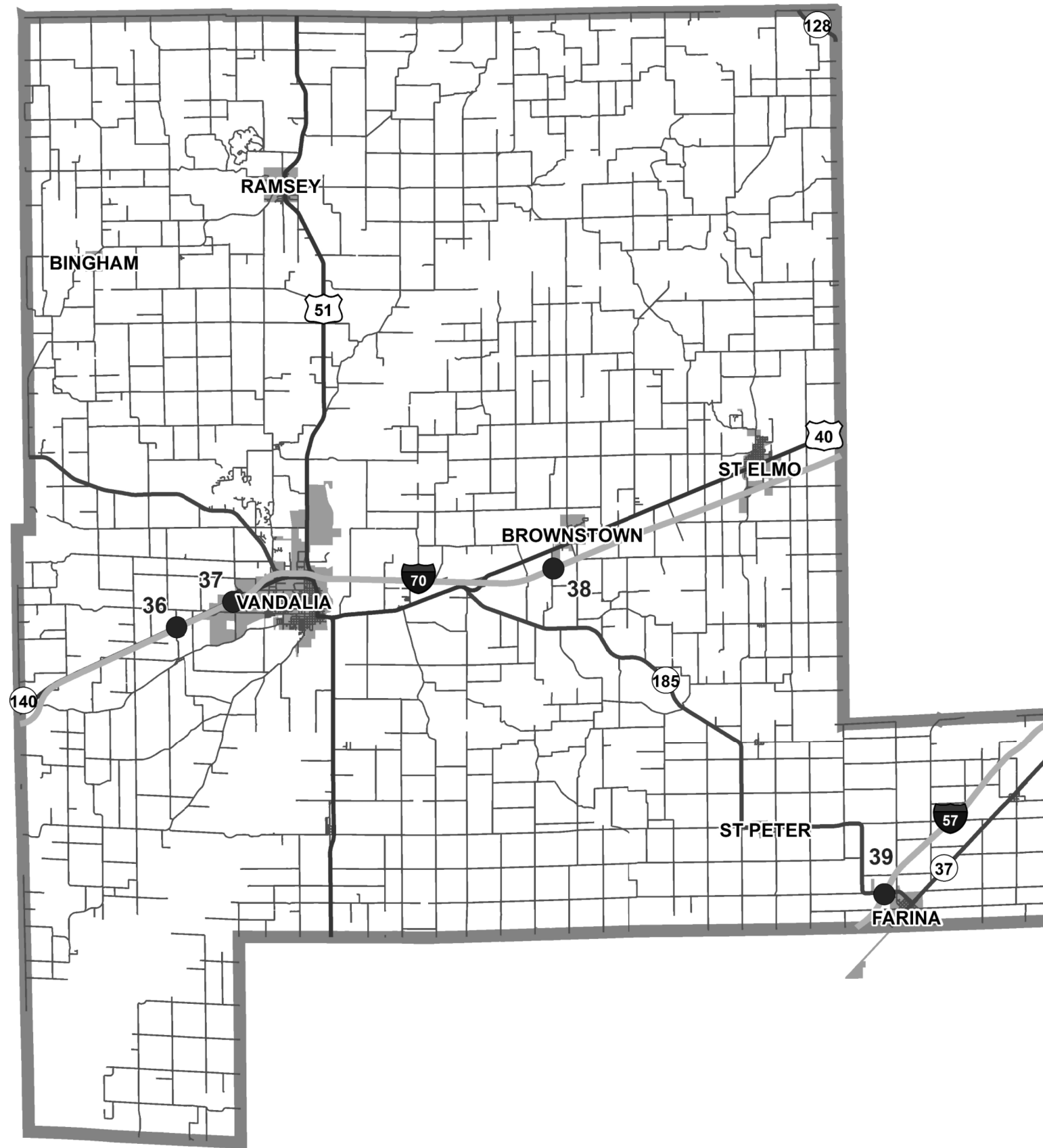
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**EFFINGHAM COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	11
CONTRACT NO. 74880				
ILLINOIS FED. AID PROJECT				

# FAYETTE COUNTY



MODEL: Default  
 FILE: Model: p:\pub\baronm.dwg  
 PROJECT: 74880\CADD\Drawings\DOT\_Offices\Drawings\74880-Subplan.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

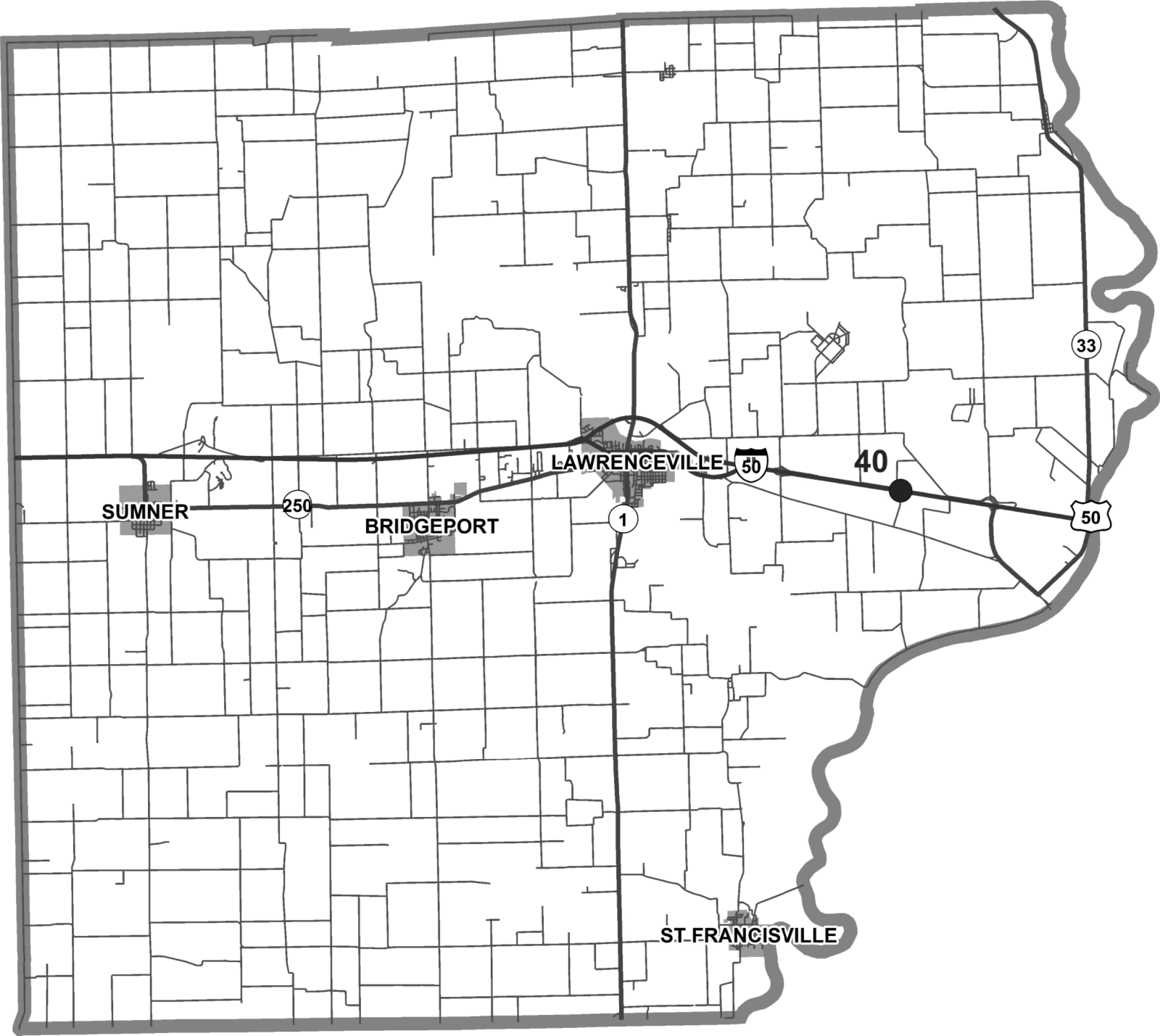
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**FAYETTE COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	12
CONTRACT NO. 74880				
ILLINOIS FED. AID PROJECT				

# LAWRENCE COUNTY



MODEL: Default  
 FILE: \\nas01c.psu.edu\pubshare\room\_data\illinois.gov\PWIDOT\Documents\DOT\_Offices\District\_7\Projects\74880\CADD\data\CAD\chests\74880-51c.dwg

USER NAME = steffenmk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

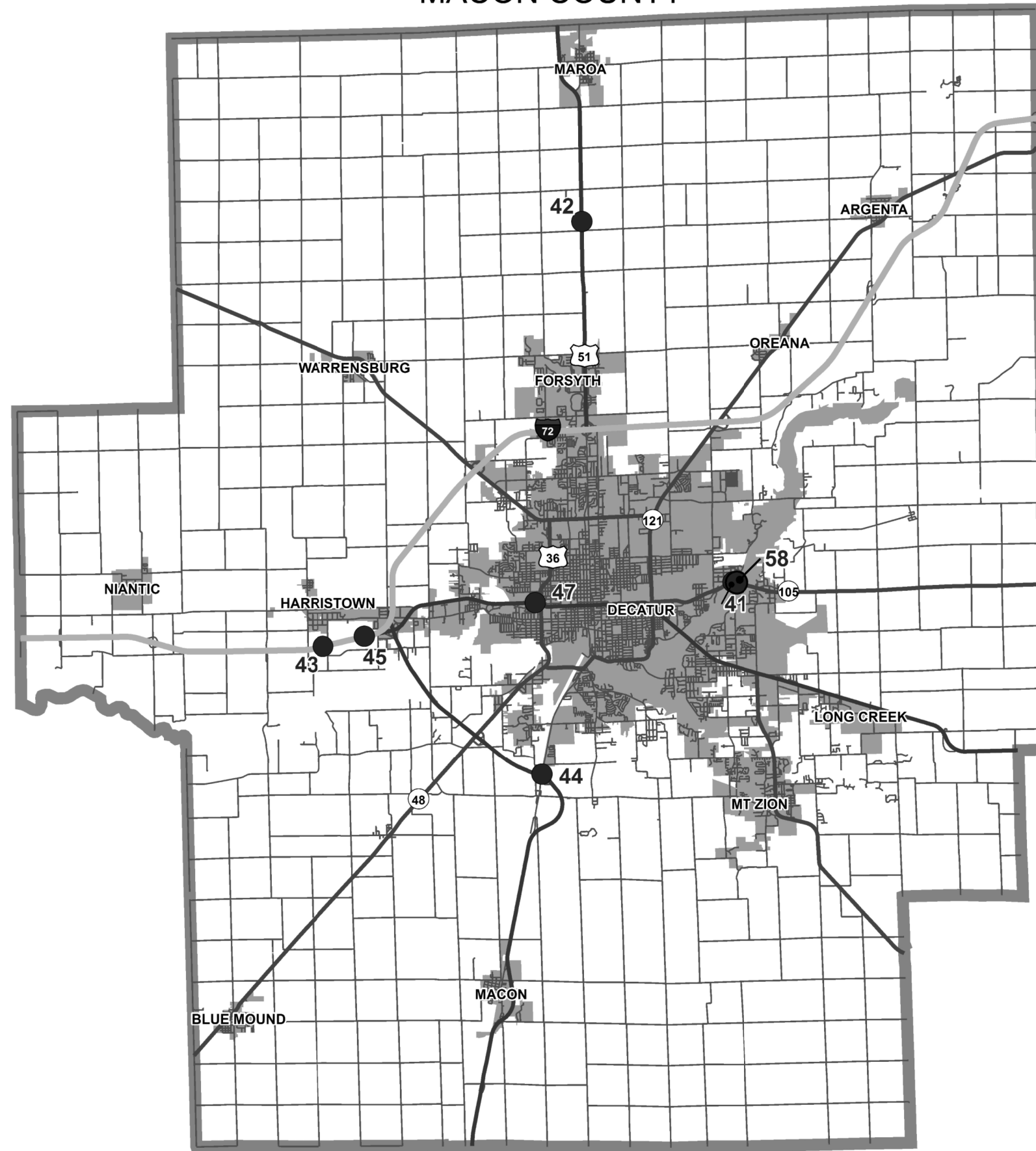
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

LAWRENCE COUNTY LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	13
CONTRACT NO. 74880				
ILLINOIS FED. AID PROJECT				

# MACON COUNTY



MODEL: Default  
 FILE: Macon\_County\_PlanRoom.dwg  
 PROJECT: 74880\CADD\Drawings\DOT\_Offices\Drawings\74880-CADD\Drawings\74880-PlanRoom.dwg

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

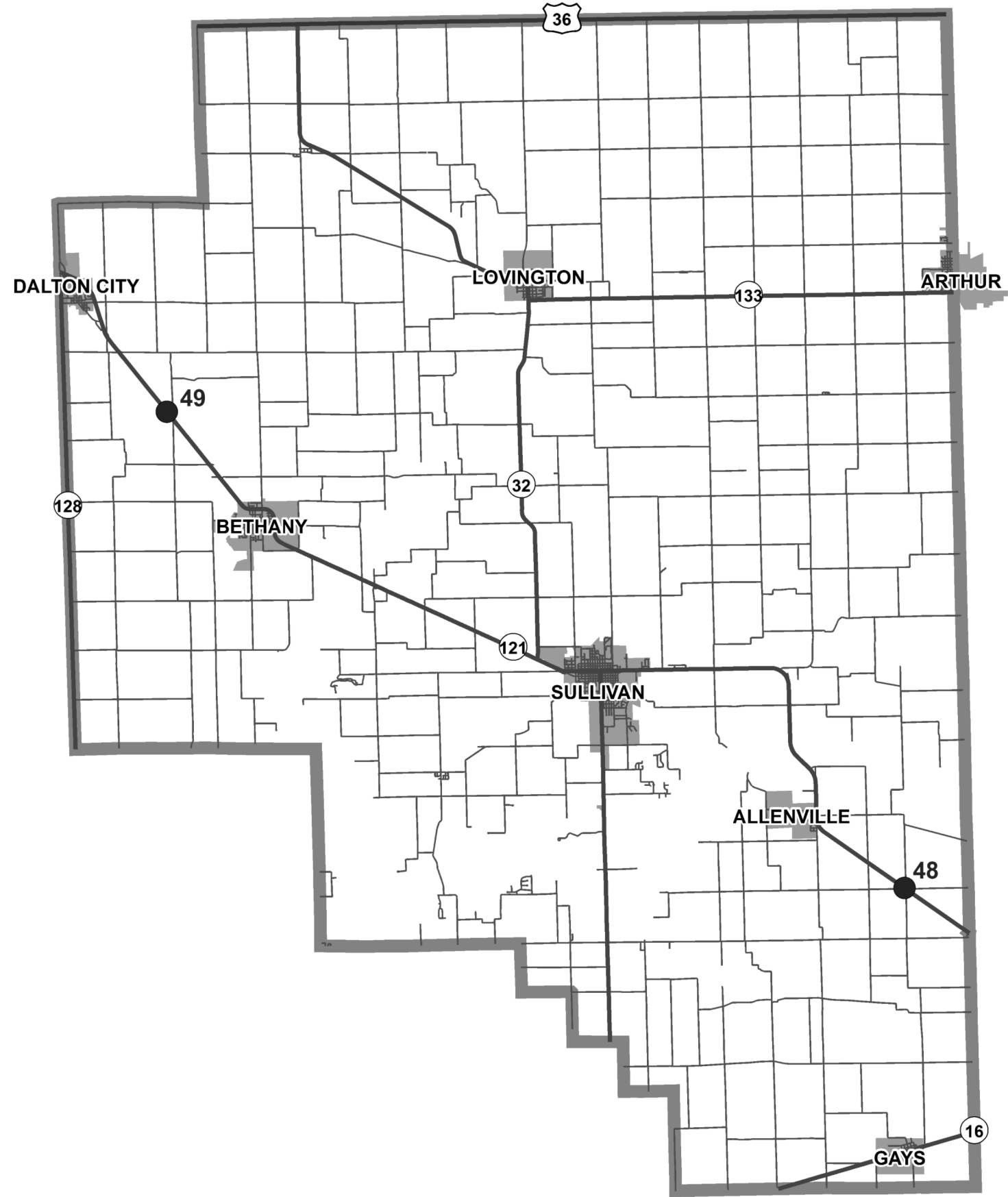
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MACON COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	14
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	

# MOULTRIE COUNTY



MODEL: Default  
 FILE: M:\GIS\Projects\74880\CADD\Drawings\DOT\_Offices\Drawings\74880-CADD\Drawings\74880-15c.dgn

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

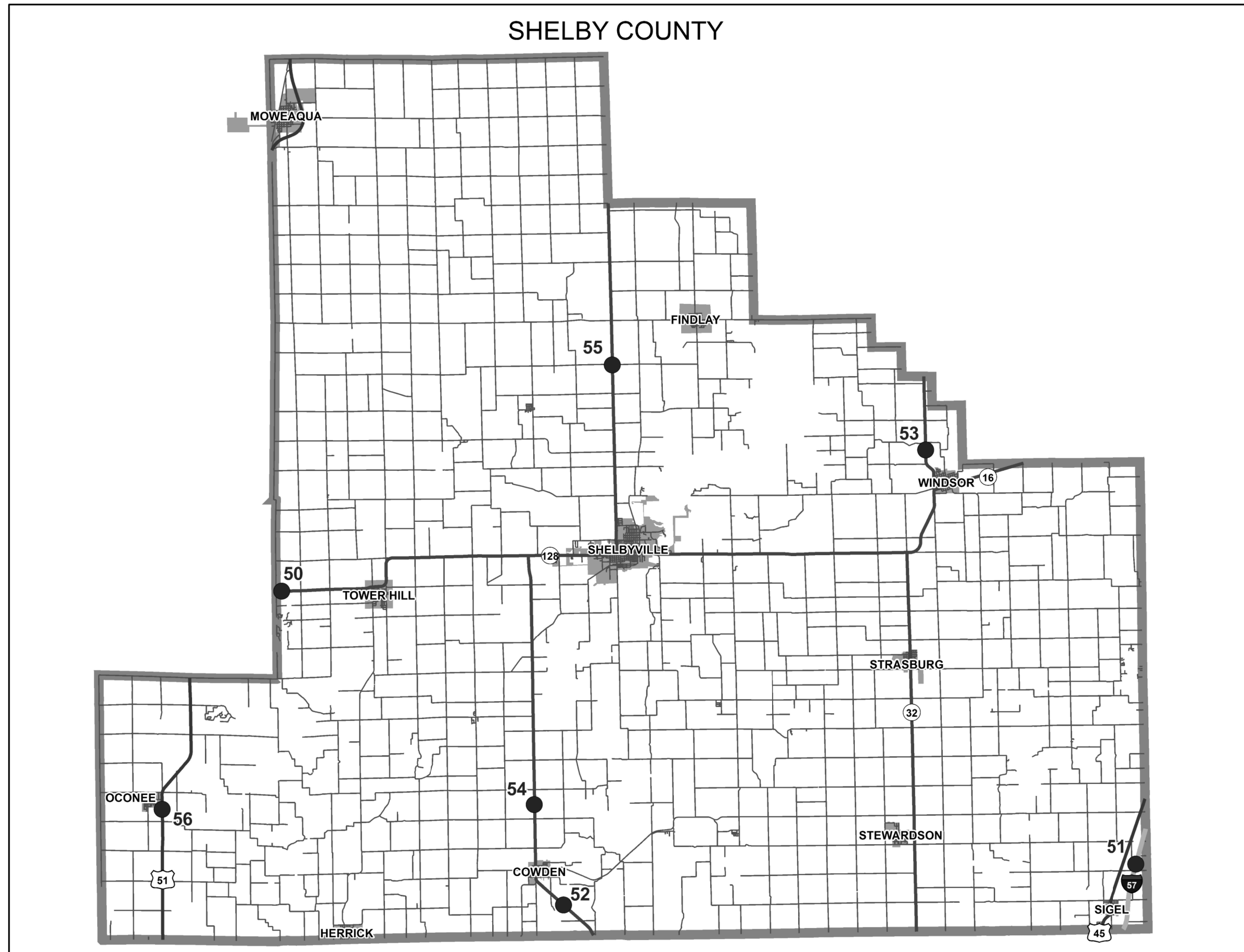
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**MOULTRIE COUNTY LOCATION MAP**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	15
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	

# SHELBY COUNTY



MODEL: Default  
 FILE: Model: 2019guardrail.dwg  
 PROJECT: 74880\CADD\Drawings\DOT\_Offices\Drawings\74880\CADD\Drawings\DOT\_Offices\Drawings\74880-51c.dwg

USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

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

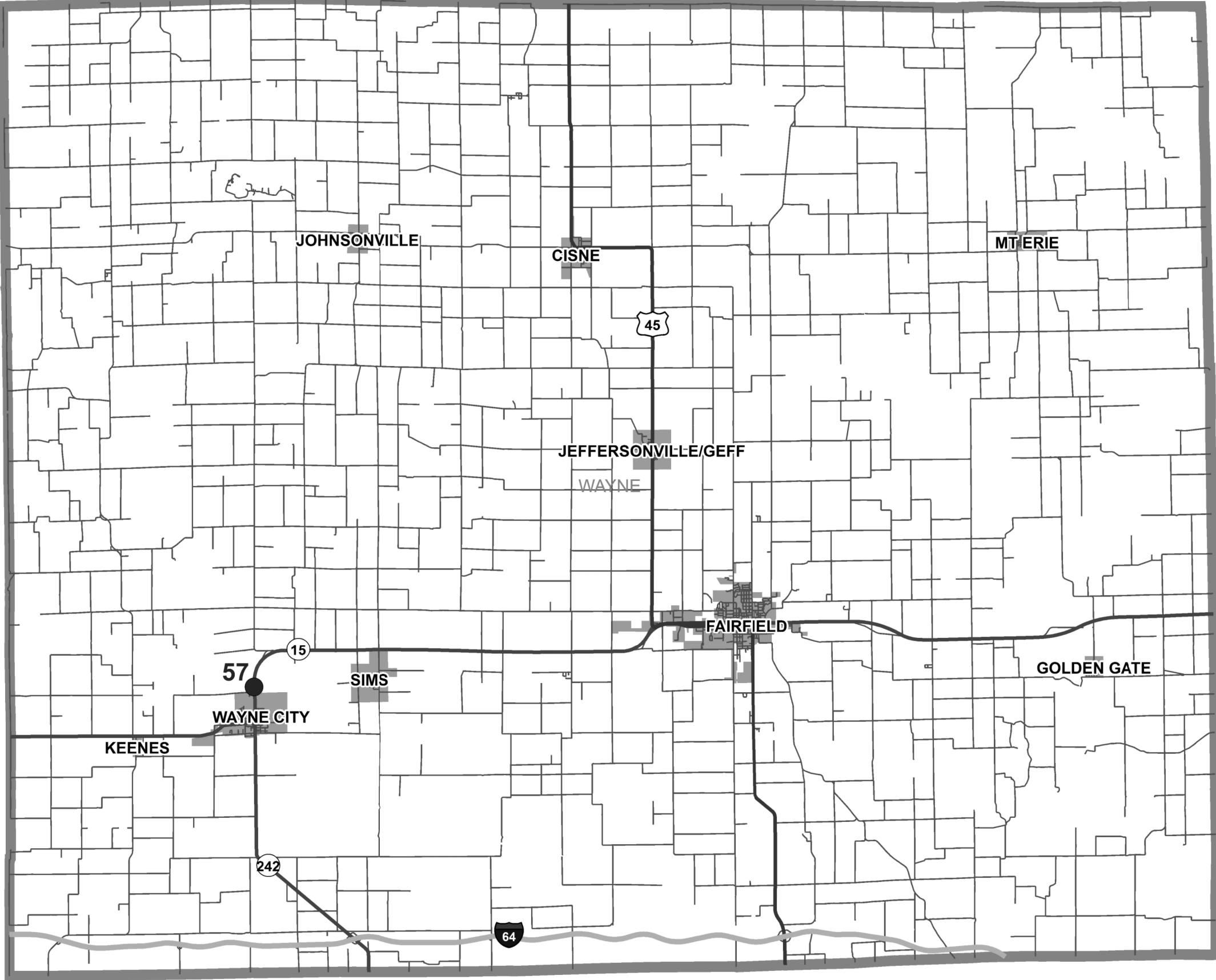
## SHELBY COUNTY LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	16
			CONTRACT NO. 74880	
		ILLINOIS	FED. AID PROJECT	



# WAYNE COUNTY



MODEL: Default  
 FILE: Mainfile\_PlanPublication.dwg  
 PROJECT: P:\Projects\74880\CADD\Drawings\DOT\_Offices\Drawings\74880-Plan.dgn

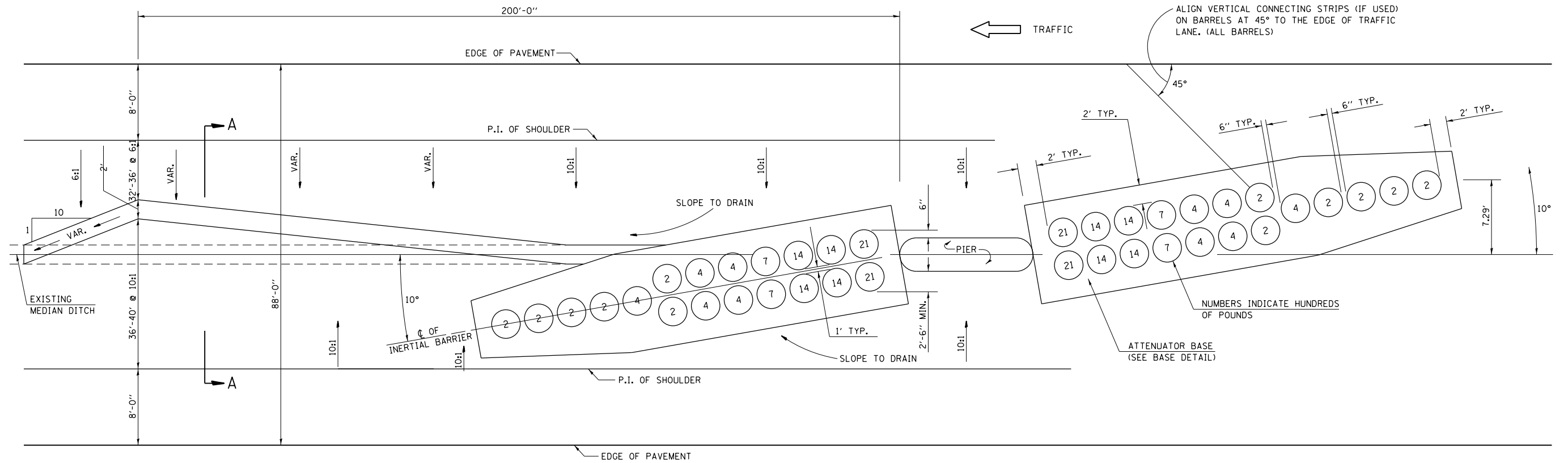
USER NAME = steffemk	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/23/2019	DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

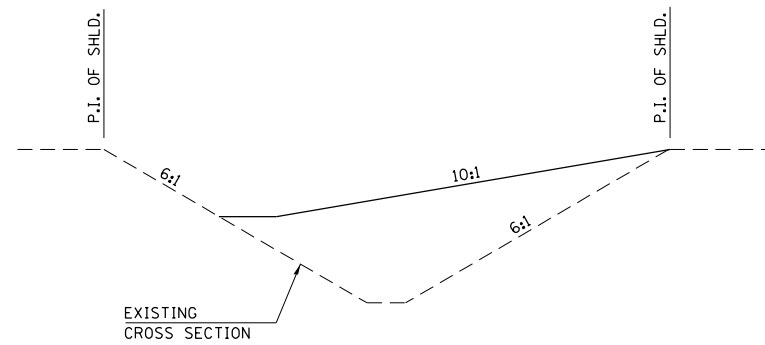
### WAYNE COUNTY LOCATION MAP

SCALE: SHEET OF SHEETS STA. TO STA.

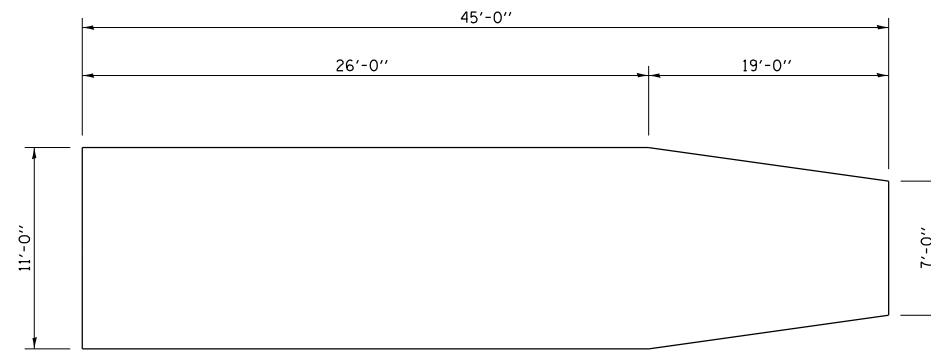
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	17
			CONTRACT NO. 74880	
ILLINOIS FED. AID PROJECT				



TRAFFIC →



SECTION A-A  
GRADING AND SHAPING DETAIL



BASE DETAIL

GENERAL NOTES

1. ALL 10:1 SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 OR FLATTER.
2. THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
3. THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' X 7.0' : 19 MODULES - 14,400 LBS.
4. IN AREAS OF 10:1 SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR OR MORE WOOD POSTS SHALL BE PLACED AT 5' INTERVALS IN THE MEDIAN C. SEE SPECIAL PROVISIONS AND SCHEDULES.

**NOTE:**

This sheet applies ONLY when making partial repair of an existing sand barrel array that was installed according to this drawing. Use Standard 643001 for a complete replacement.

**NOT TO SCALE**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 7 DETAIL NO. Z0030150**

MODEL: Default  
FILE: M:\41352 - Proj\10480-12\DWG\10480-12.dwg  
PROJECT: 10480-12\10480-12.dwg  
DATE: 7/23/2019

USER NAME = steffenmk	DESIGNED -	REVISED -
PLOT SCALE = 36000.0000' / in.	DRAWN -	REVISED -
PLOT DATE = 7/23/2019	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SAND BARREL DETAILS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	D7 GUARDRAIL 2019-1	VARIOUS	18	18
CONTRACT NO. 74880				
ILLINOIS   FED. AID PROJECT				