06-15-2018 LETTING ITEM 049

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	1
	ILLINOIS	CONTRACT NO. 72K56		

* D6 GUARDRAIL END REPLACEMENT 2018

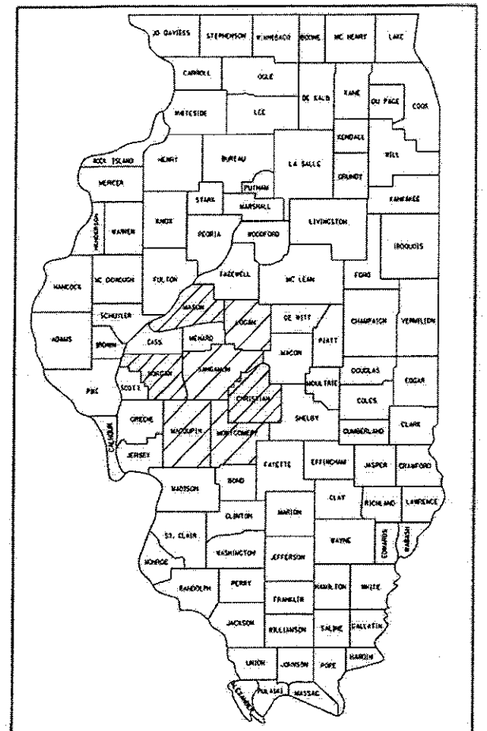
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION: D6 GUARDRAIL END REPL 2018
PROJECT HSIP-HBC3(683)
GUARDRAIL TERMINAL REPLACEMENT
VARIOUS COUNTIES IN DISTRICT 6

C-96-084-18

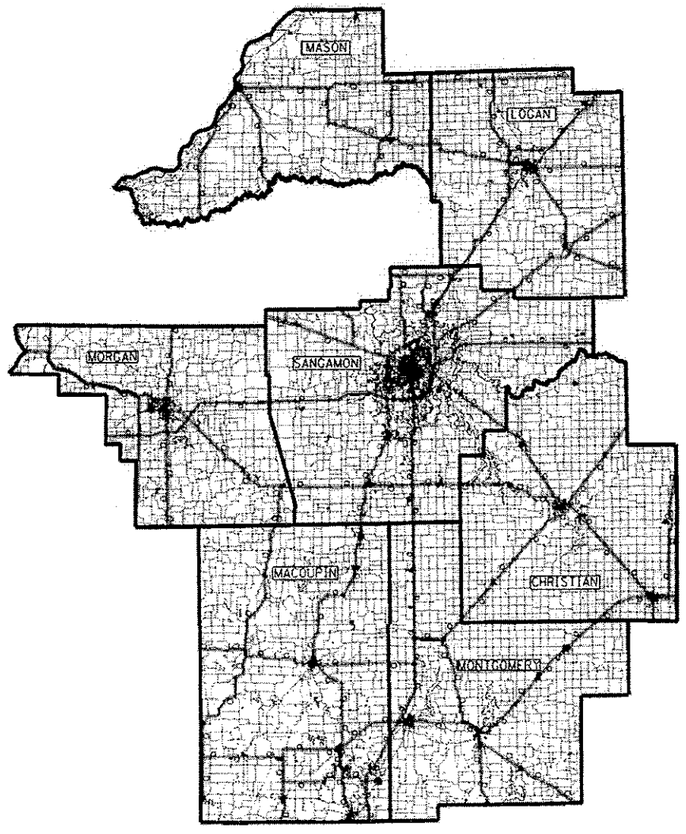
D-96-041-18

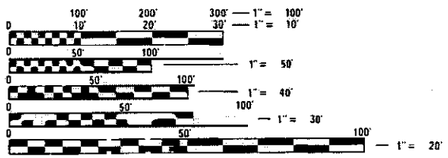


LOCATION OF SECTION INDICATED THUS: -

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-6	MASON COUNTY
7-11	LOGAN COUNTY
12-16	SANGAMON COUNTY
17-19	MORGAN COUNTY
20-28	MACOUPIN COUNTY
29-40	MONTGOMERY COUNTY
41-46	CHRISTIAN COUNTY
47-48	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) DETAILS





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: KEITH DONOVAN (217)782-4761
PROJECT MANAGER: CLOYD JACK (217)524-8925

CONTRACT NO. 72K56

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED March 23 20 18

Jeffrey M. Smith, JPM
REGIONAL ENGINEER

May 11 20 18

ENGINEER OF DESIGN AND ENVIRONMENT

May 11 20 18

DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

GENERAL NOTES

1 THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN LOGAN, SANGAMON, MACOUPIN, MORGAN, MASON AND MONTGOMERY COUNTIES WITHIN REGION 4-DISTRICT 6. THE WORK INCLUDED IN THIS SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL TERMINAL REMOVAL, REPLACEMENT AND ALL OTHER WORK NECESSARY TO COMPLETE THIS SECTION.

2 THE LOCATIONS AS SHOWN ON THE LOCATION MAPS ARE FOR INFORMATION ONLY. THE CONTRACTOR AND RESIDENT ENGINEER SHOULD FIND SPECIFIC TERMINAL LOCATIONS USING THE LATITUDE AND LONGITUDE COORDINATES LOCATED ON THE LOCATION MAP TABLES. ALTERNATE ELECTRONIC LOCATION MAPS CAN BE OBTAINED BY CONTACTING THE PROJECT MANAGER LISTED ON THE COVER SHEET. BOTH ARCGIS WEB MAPS AND GIS SHAPE FILES ARE AVAILABLE IF DESIRED. ELECTRONIC LOCATION MAPS ARE PROVIDED TO SERVE AS AN AID TO THE CONTRACTOR IN LOCATING GUARDRAIL TERMINALS. IT IS ULTIMATELY THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE CORRECT TERMINALS ARE LOCATED USING THE PLANS, COORDINATE INFORMATION, AND IF DESIRED, THE ELECTRONIC LOCATION MAPS.

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

4 NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.

5 FURNISHED EXCAVATION, AS SHOWN, IS FOR CONSTRUCTING THE PROPOSED SHOULDER WIDENING TRANSITION FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS (STANDARD 630301), AS NEEDED. QUANTITIES SHOWN ARE APPROXIMATE.

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

7 GUARDRAIL MARKERS SHALL NOT BE ATTACHED TO TERMINAL SECTIONS.

8 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-MEMBERS, THE UTILITY COMPANY DIRECTLY.

9 NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.

10 ALL AREAS DISTURBED BY THE CONTRACTOR SHALL BE SEEDED, AS DIRECTED BY THE ENGINEER, AT THE CONTRACTORS EXPENSE. SEEDING CLASS 2 SHALL BE USED ON AREAS FLATTER THAN 3:1, SEEDING CLASS 3 SHALL BE USED ON AREAS 3:1 AND STEEPER.

11 ALL QUANTITIES FOR GUARDRAIL REMOVAL INCLUDE THE REMOVAL OF THE NON COMPLIANT GUARDRAIL TERMINAL END SECTIONS.

12 ALL MEASUREMENTS FOR SHORT RADIUS GUARDRAIL SHALL BE FIELD VERIFIED BY THE CONTRACTOR, DIFFERENCES BETWEEN THE FIELD VERIFICATION AND THE MEASUREMENTS CONTAINED IN THESE PLANS SHALL BE REPORTED TO THE RESIDENT ENGINEER.

13 FOR GUARDRAIL POSTS THAT ARE SET IN ASPHALT, THE ASPHALT SHALL BE SAWCUT. THIS WORK WILL BE DONE AT NO ADDITIONAL COST TO THE DEPARTMENT.

HIGHWAY STANDARDS

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
630001-12	STEEL PLATE BEAM GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630111	WEAK POST GUARDRAIL ATTACHED TO CULVERT
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
631032-09	TRAFFIC BARRIER TERMINAL, TYPE 6A
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >/= 45 MPH
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701421-08	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS >/+ 45 MPH TO 55 MPH
701901-07	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

EXAMINED March 16 20 18
PROGRAM DEVELOPMENT ENGINEER

EXAMINED March 15th 20 18
PROJECT IMPLEMENTATION ENGINEER

DISTRICT SIX

EXAMINED March 16th 20 18
OPERATIONS ENGINEER

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES

SCALE: | SHEET 2 OF 48 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	2
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-00813-6001 OUTSIDE MPO ROADWAY 0021 RURAL
20400800	FURNISHED EXCAVATION	CU YD	75	75
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	350	350
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	12.5	12.5
63000050	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE I	FOOT	25	25
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	1	1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2
63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	9	9
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	120	120
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	1	1
63200310	GUARDRAIL REMOVAL	FOOT	6962.5	6962.5
67100100	MOBILIZATION	L SUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	1

90% FED
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0-00813-6001 OUTSIDE MPO ROADWAY 0021 RURAL
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	121	121
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	300	300
X6320100	GUARDRAIL REMOVAL SPECIAL	FOOT	50	50
X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	75	75
X6330900	VERTICAL ADJUSTMENT OF GUARDRAIL	FOOT	5987.5	5987.5

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Default			REVISED -

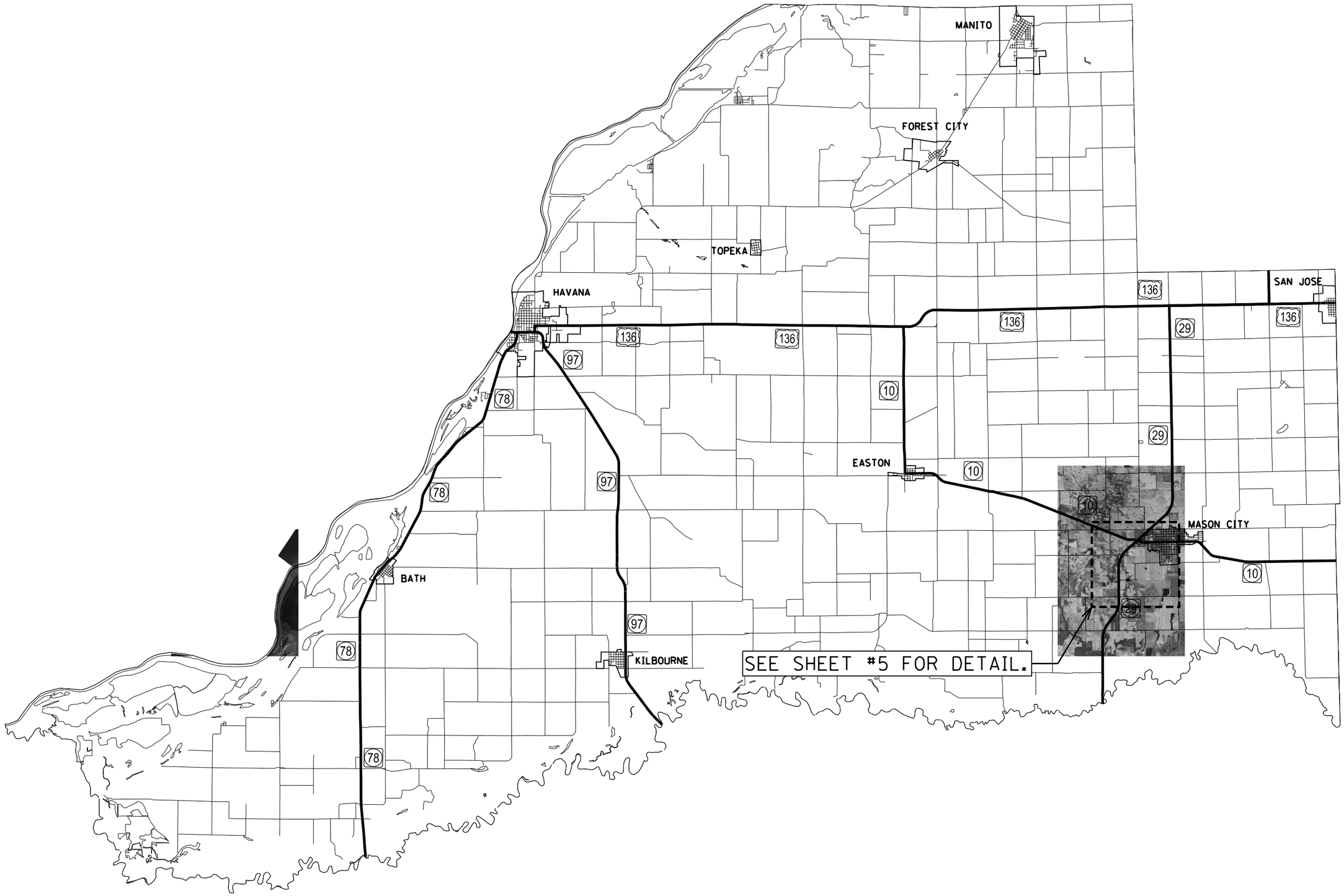
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: | SHEET 3 OF 48 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	3
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018



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		DATE -	REVISED -					ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mason County Location Map

SCALE: _____ | SHEET 5 OF 48 SHEETS | STA. _____ | TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____ • _____	VARIOUS	48	5
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018

MASON COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL
							63100167	63200310	72501000	78200005	X6330900
							EACH	FOOT	EACH	EACH	FOOT
1	5	CR 850 N	WB	40.185993	-89.720599	Blunt End	1	50	1	4	112.5
	6	CR 850 N	WB	40.185881	-89.720720	Blunt End	1	50	1	4	50
	7	CR 850 N	EB	40.185989	-89.721356	Blunt End	1	50	1		
	8	CR 850 N	EB	40.185882	-89.721488	Blunt End	1	50	1		
						TOTALS	4	200	4	8	162.5

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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Mason County Schedule

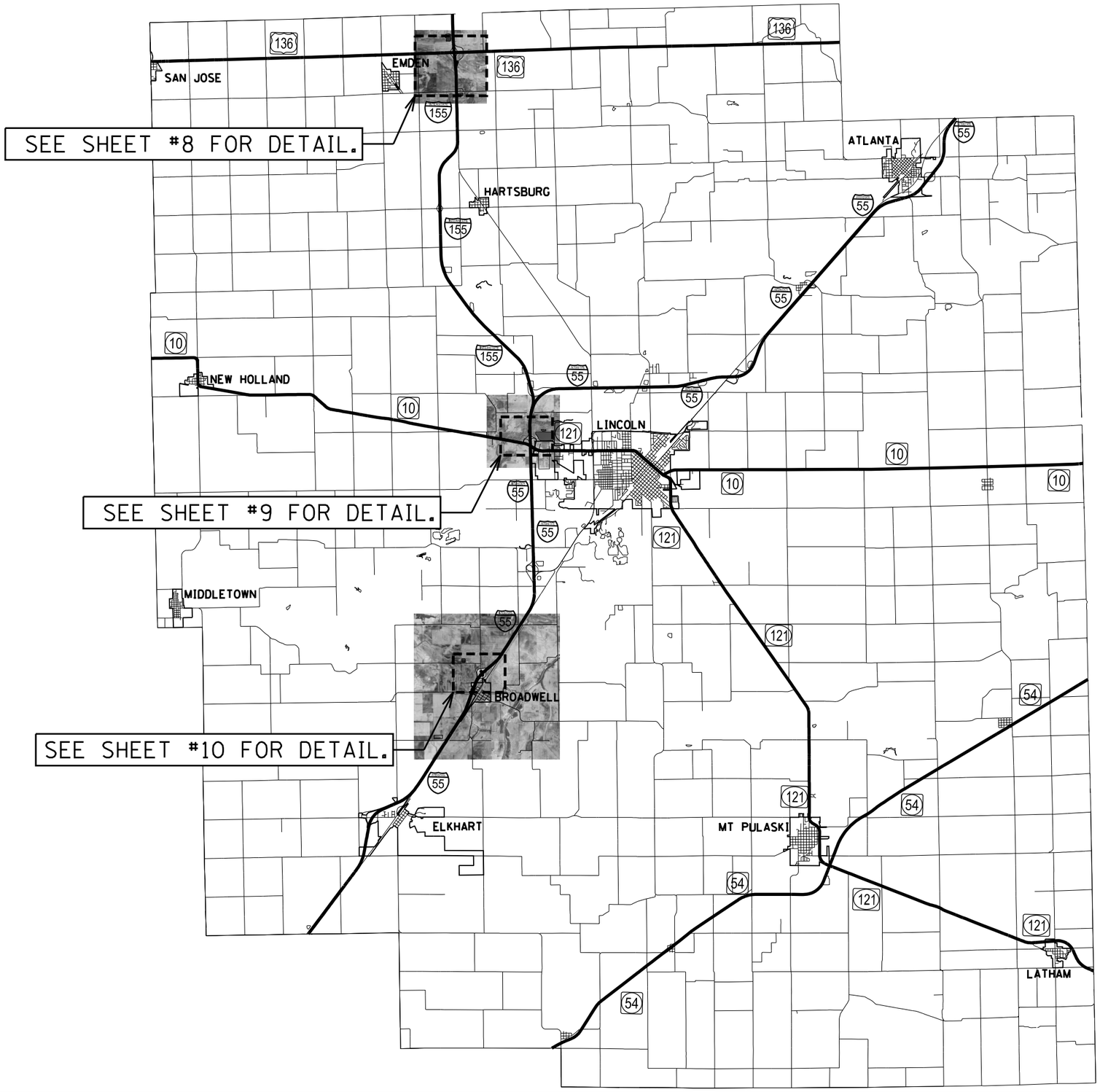
SCALE: _____ | SHEET 6 OF 48 SHEETS | STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____	VARIOUS	48	6

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018



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	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Logan County Location Map

SCALE: _____ | SHEET 7 OF 48 SHEETS | STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____ • _____	VARIOUS	48	7
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			VAR	•	VARIOUS	48	8
Default	PLOT DATE = 3/23/2018	CHECKED -	REVISED -		SCALE:			CONTRACT NO. 72K56		
		DATE -	REVISED -		SHEET 8 OF 48 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -			VAR	•	VARIOUS	48	9
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• D6 GUARDRAIL END REPL 2018



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		DATE -	REVISED -					ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018

LOGAN COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL	TRAFFIC BARRIER TERMINALS, TYPE 6
							63000001	63100045	63100167	63200310	72501000	78200005	X6330900	63100085
							FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT	EACH
2	9506	Old Route 121	NB	40.303574	-89.452261	Blunt End			1	50	1	4		
3	9508	Old Route 121	SB	40.304601	-89.451879	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	2		
	0	Old Route 121	NB	40.30432	89.45203	Breakaway Cable Terminal w/ < 4' Flare			1	50	1			
4	0	I-55	SB	40.16545	89.41779	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4	37.5	
	0	I-55	SB	40.16504	89.4178	Breakaway Cable Terminal w/ < 4' Flare		1		50			37.5	
5	9507	800th Ave	NB	40.073585	-89.441897	Breakaway Cable Terminal w/ < 4' Flare	25		1	112.5	1	5		1
6	9510	800th Ave	SB	40.074927	-89.442541	Breakaway Cable Terminal w/ < 4' Flare	25		1	112.5	1	5		1
						TOTALS	**50**	**1**	**6**	**475**	**6**	**20**	**75**	**2**

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	PLOT DATE = 3/23/2018	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Logan County Schedule

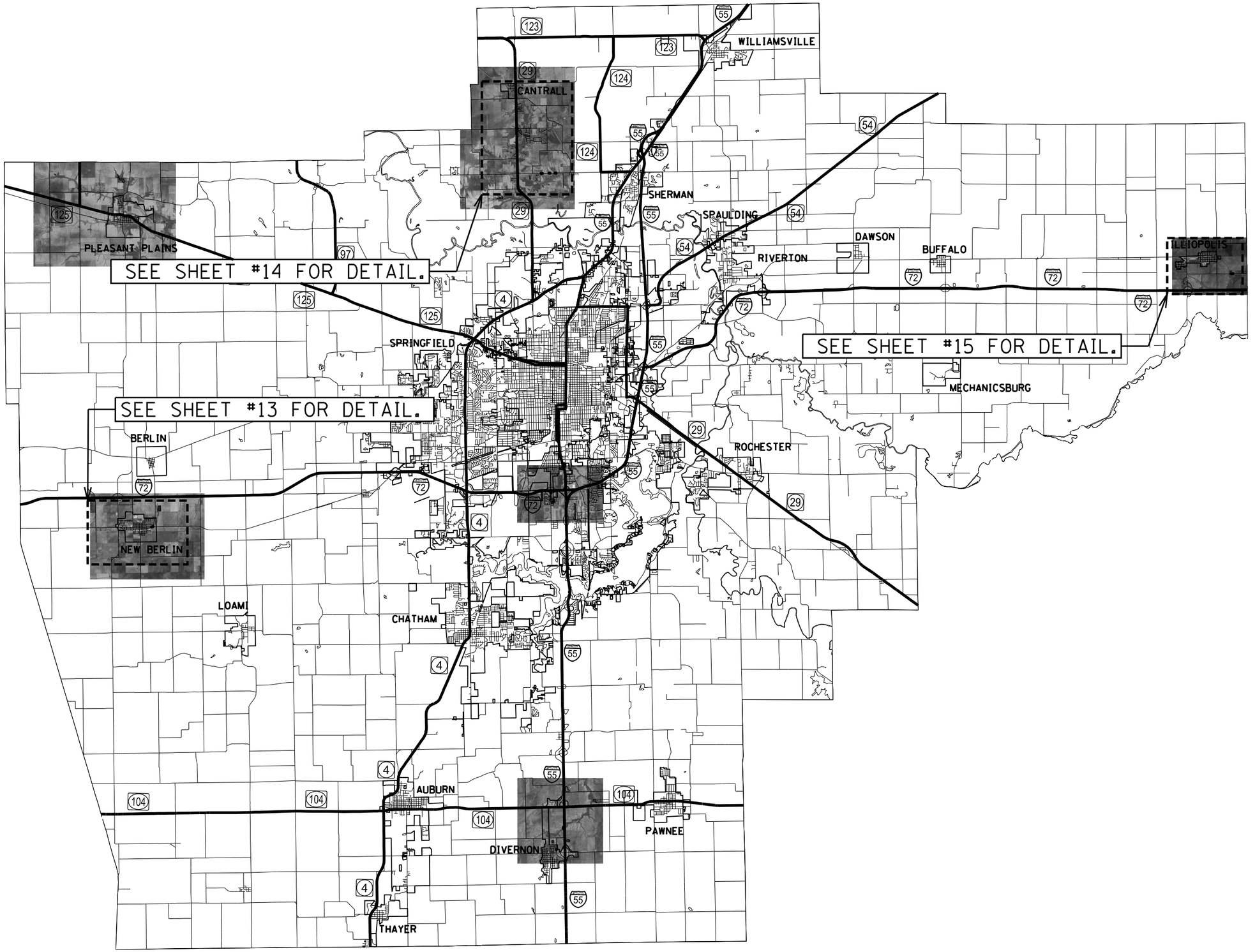
SCALE: _____ | SHEET 11 OF 48 SHEETS | STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____	VARIOUS	48	11

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
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	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sangamon County Location Map

SCALE: _____ | SHEET 12 OF 48 SHEETS | STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	12

CONTRACT NO. 72K56

ILLINOIS | FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018



NOTES:

1. GUARDRAIL ID O AT MAP LOCATION 7 IN THE WB LANE SHOULD BE EXTENDED BEYOND THE EXISTING ALLEY.

N

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	PLOT DATE = 3/23/2018	DATE -	REVISED -

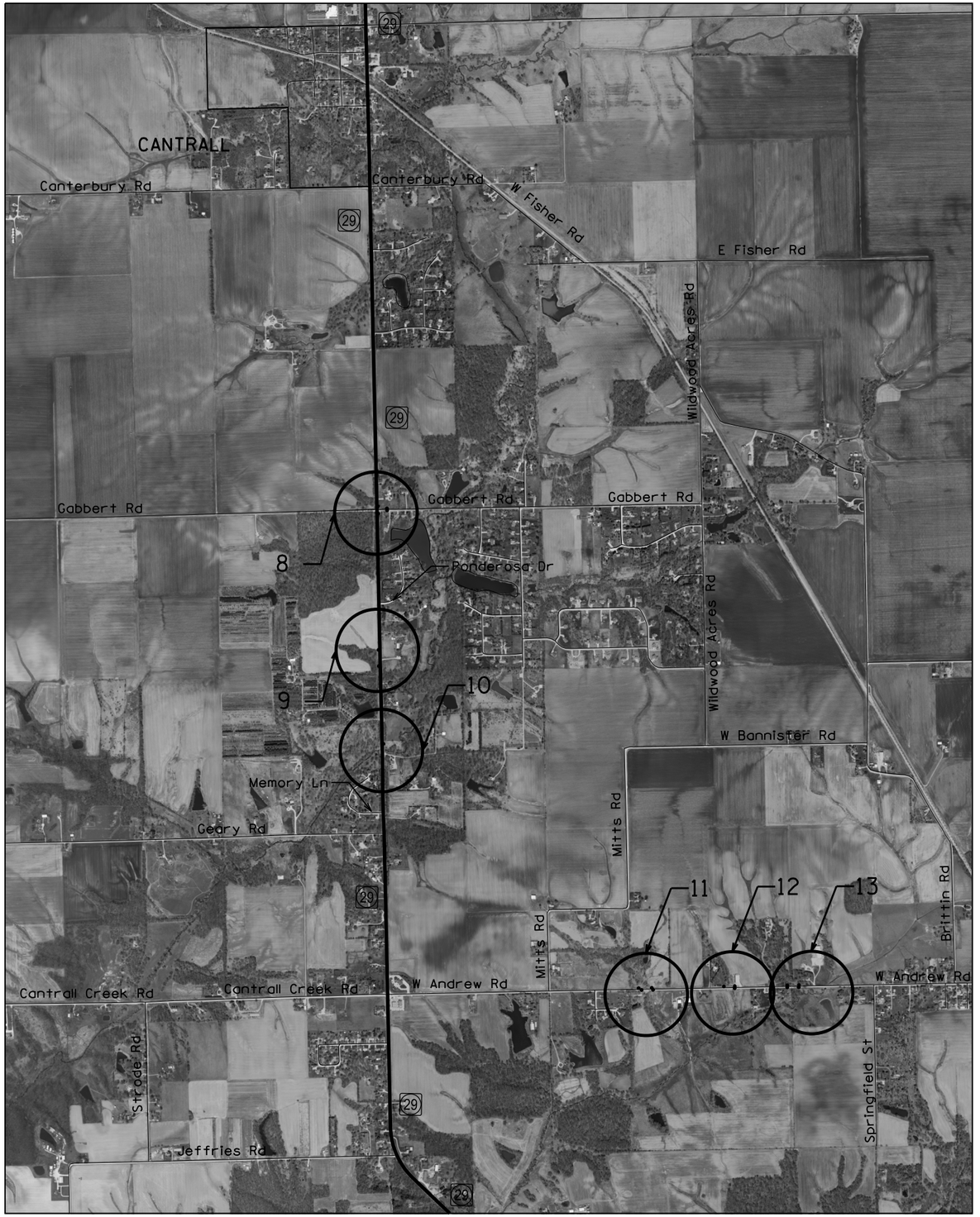
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sangamon County Location Map

SCALE: _____ SHEET 13 OF 48 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____ • _____	VARIOUS	48	13
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -			VAR	•	VARIOUS	48	14
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE: SHEET 14 OF 48 SHEETS STA. TO STA.	ILLINOIS FED. AID PROJECT				

• D6 GUARDRAIL END REPL 2018



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sangamon County Location Map

SCALE: _____ | SHEET 15 OF 48 SHEETS | STA. _____ | TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	15
		CONTRACT NO. 72K56		
	ILLINOIS FED. AID PROJECT			

• D6 GUARDRAIL END REPL 2018

SANGAMON COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	FURNISHED EXCAVATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL	WEAK POST GUARDRAIL ATTACHED TO CULVERT	GUARDRAIL REMOVAL SPECIAL	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
							20400800	63000001	63000003	63100167	63200310	72501000	78200005	X6330900	63000031	X6320100	X6330725
							CU YD	FOOT	FOOT	EACH	FOOT	EACH	EACH	FOOT	FOOT	FOOT	FOOT
7	10688	Old Route 54	EB	39.725703	-89.902953	Turned Down				1	50	1	4	112.5			
	10689	Old Route 54	WB	39.725944	-89.902507	Turned Down				1	50	1	4				
	10690	Old Route 54	EB	39.725894	-89.902115	Turned Down	15		12.5	1	87.5	1			25		
	0	Old Route 54	WB	39.72601	-89.90211	Blunt End	15	37.5		1	50	1					
8	10122	IL 29	NB	39.916972	-89.673618	Blunt End	15			1	50	1	4				25
	10123	Gabbert Rd	EB	39.917112	-89.673105	Blunt End				1	50	1	4				
	10124	Gabbert Rd	WB	39.917202	-89.673113	Blunt End				1	50	1	4				
	10125	IL 29	NB	39.917298	-89.673635	Blunt End	15			1	50	1	4				25
9	10120	IL 29	SB	39.910108	-89.673633	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10121	IL 29	SB	39.910838	-89.673651	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
10	10119	IL 29	NB	39.906606	-89.673387	Breakaway Cable Terminal = 4' Flare				1	50	1	4	50			
11	10146	W Andrew Road	EB	39.895463	-89.65839	Breakaway Cable Terminal w/ < 4' Flare				1		1	4	100		50	
	10147	W Andrew Road	WB	39.895544	-89.65856	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10148	W Andrew Road	WB	39.895556	-89.657792	Breakaway Cable Terminal w/ < 4' Flare		25		1	75	1		50			
	10149	W Andrew Road	EB	39.895465	-89.657718	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
12	10151	W Andrew Road	WB	39.895601	-89.653575	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10152	W Andrew Road	WB	39.895608	-89.652943	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
	10153	W Andrew Road	EB	39.895514	-89.652946	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4	50			
13	10154	W Andrew Road	EB	39.895541	-89.649877	Breakaway Cable Terminal w/ < 4' Flare		50		1	100	1	4	62.5			
	10155	W Andrew Road	WB	39.895633	-89.649873	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10156	W Andrew Road	WB	39.895645	-89.649188	Breakaway Cable Terminal w/ < 4' Flare				1	50	1		100			
	10157	W Andrew Road	EB	39.895541	-89.649204	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
14	10254	Old Route 36	WB	39.844484	-89.226128	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10255	Old Route 36	WB	39.844486	-89.226895	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
	10256	Old Route 36	WB	39.844482	-89.227055	Breakaway Cable Terminal w/ < 4' Flare				1	50	1	4				
	10257	Old Route 36	WB	39.844487	-89.2276	Breakaway Cable Terminal w/ < 4' Flare				1	50	1					
						TOTALS	60	112.5	12.5	26	1362.5	26	64	525	25	50	50

STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

MAP LOCATION	POSTS	POST SPACING	TOTAL LENGTH	RADIUS
8 (ID 10122)	3	6'-3"	25'	MATCH EXISTING
8 (ID 10125)	3	6'-3"	25'	MATCH EXISTING

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 6\Projects\D672K56\DRAWINGData\EADsheets\D672K56-shts-Plan Sheets.dgn	USER NAME = verenskifa	DESIGNED -	REVISED -
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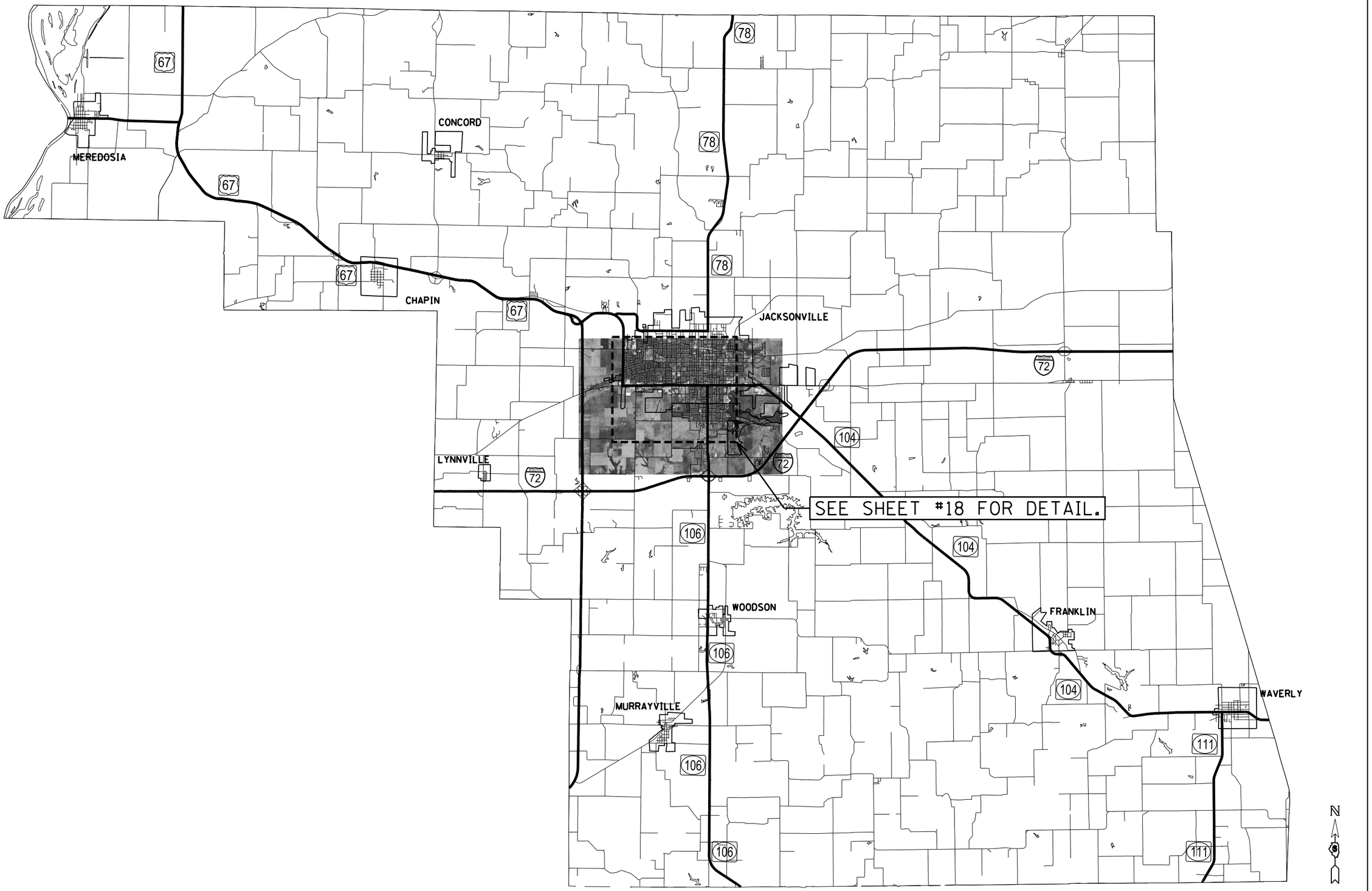
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sangamon County Schedule

SCALE: _____ | SHEET 16 OF 48 SHEETS | STA. _____ | TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____ • _____	VARIOUS	48	16
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Morgan County Location Map

SCALE: _____ | SHEET 17 OF 48 SHEETS | STA. _____ | TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	_____ • _____	VARIOUS	48	17

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018



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Default	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Morgan County Location Map

SCALE: _____ SHEET 18 OF 48 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		VARIOUS	48	18

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018

MORGAN COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL
							63000001	63100167	63200310	72501000	78200005	X6330900
							FOOT	EACH	FOOT	EACH	EACH	FOOT
15	744	W Morton Ave	EB	39.723000	-90.249000	Blunt End	25	1	75	1	4	125
	745	W Morton Ave	WB	39.723000	-90.250000	Blunt End		1	50	1		
						TOTALS	**25**	**2**	**125**	**2**	**4**	**125**

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	PLOT SCALE = 100.0000 ' / in.	CHECKED - _____	REVISED - _____
Default	PLOT DATE = 3/23/2018	DATE - _____	REVISED - _____

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Morgan County Schedule

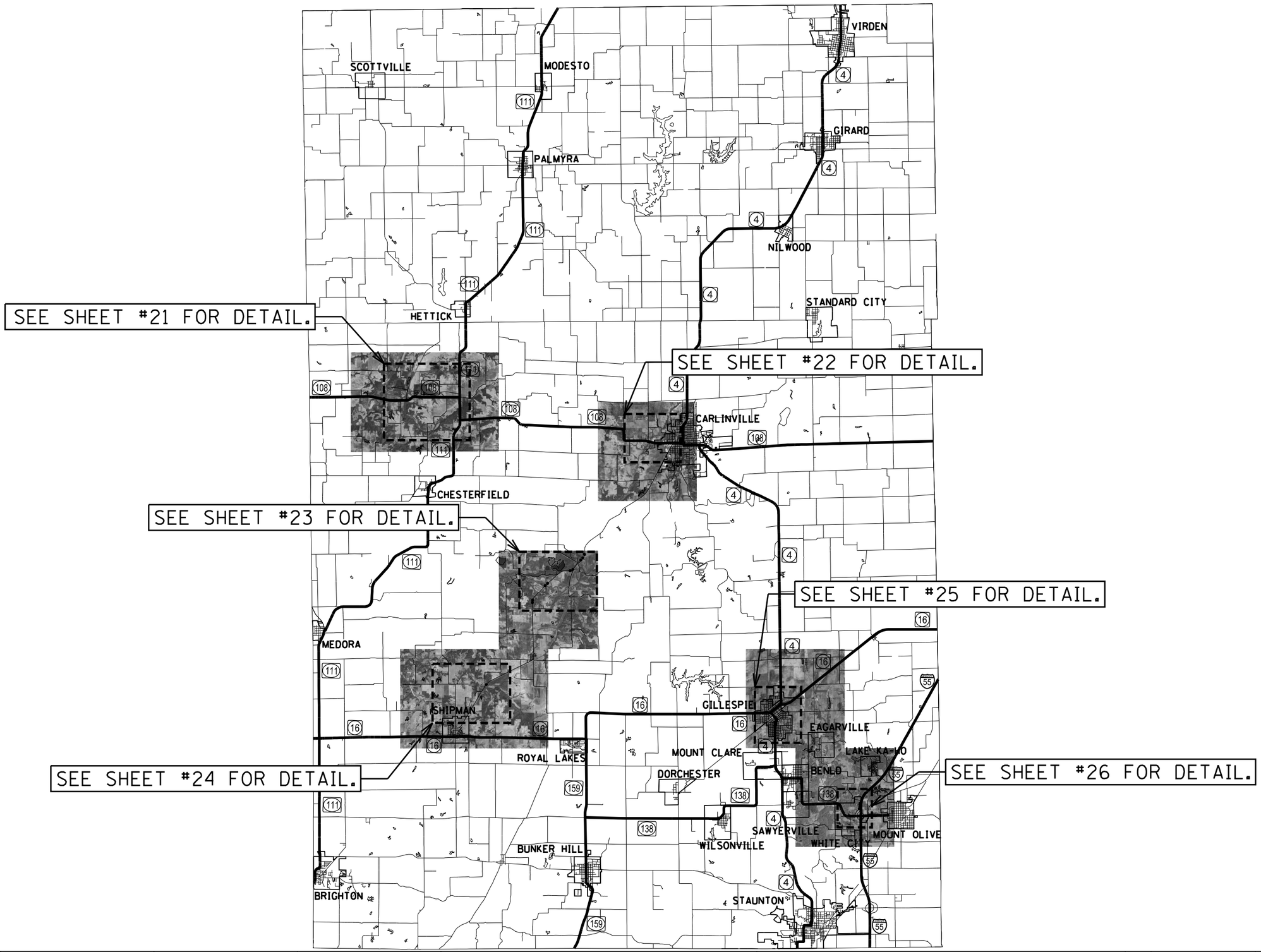
SCALE: _____ | SHEET 19 OF 48 SHEETS | STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR		VARIOUS	48	19

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

• D6 GUARDRAIL END REPL 2018



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Default	PLOT DATE = 3/23/2018	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Macoupin County Location Map

SCALE: | SHEET 20 OF 48 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	20

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

* D6 GUARDRAIL END REPL 2018



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Macoupin County Location Map

SCALE: | SHEET 21 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VARIOUS	48	21
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

• DS GUARDRAIL END REPL 2013



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -				•	VARIOUS	48	22
Default	PLOT DATE = 3/23/2018	CHECKED -	REVISED -		SCALE: SHEET 22 OF 48 SHEETS STA. TO STA.			CONTRACT NO. 72K56		
		DATE -	REVISED -					ILLINOIS FED. AID PROJECT		

• DS GUARDRAIL END REPL 2013



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		DRAWN -	REVISED -				•	VARIOUS	48	23
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K56		
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE: SHEET 23 OF 48 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

• DS GUARDRAIL END REPL 2013



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	PLOT DATE = 3/23/2018	DATE -	REVISED -

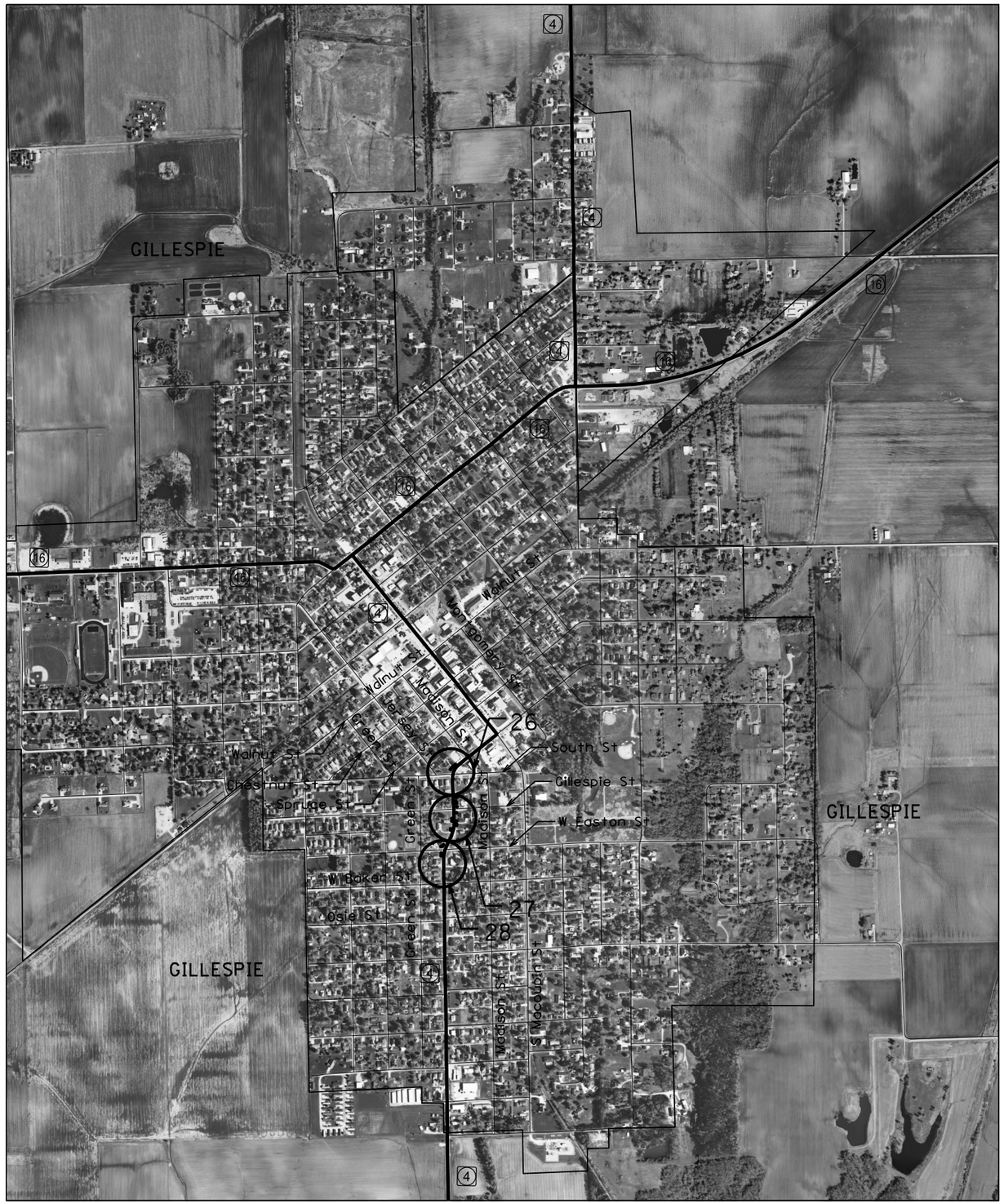
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Macoupin County Location Map

SCALE: | SHEET 24 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VARIOUS	48	24
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• 25 SHIPMAN END NEW 2013



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

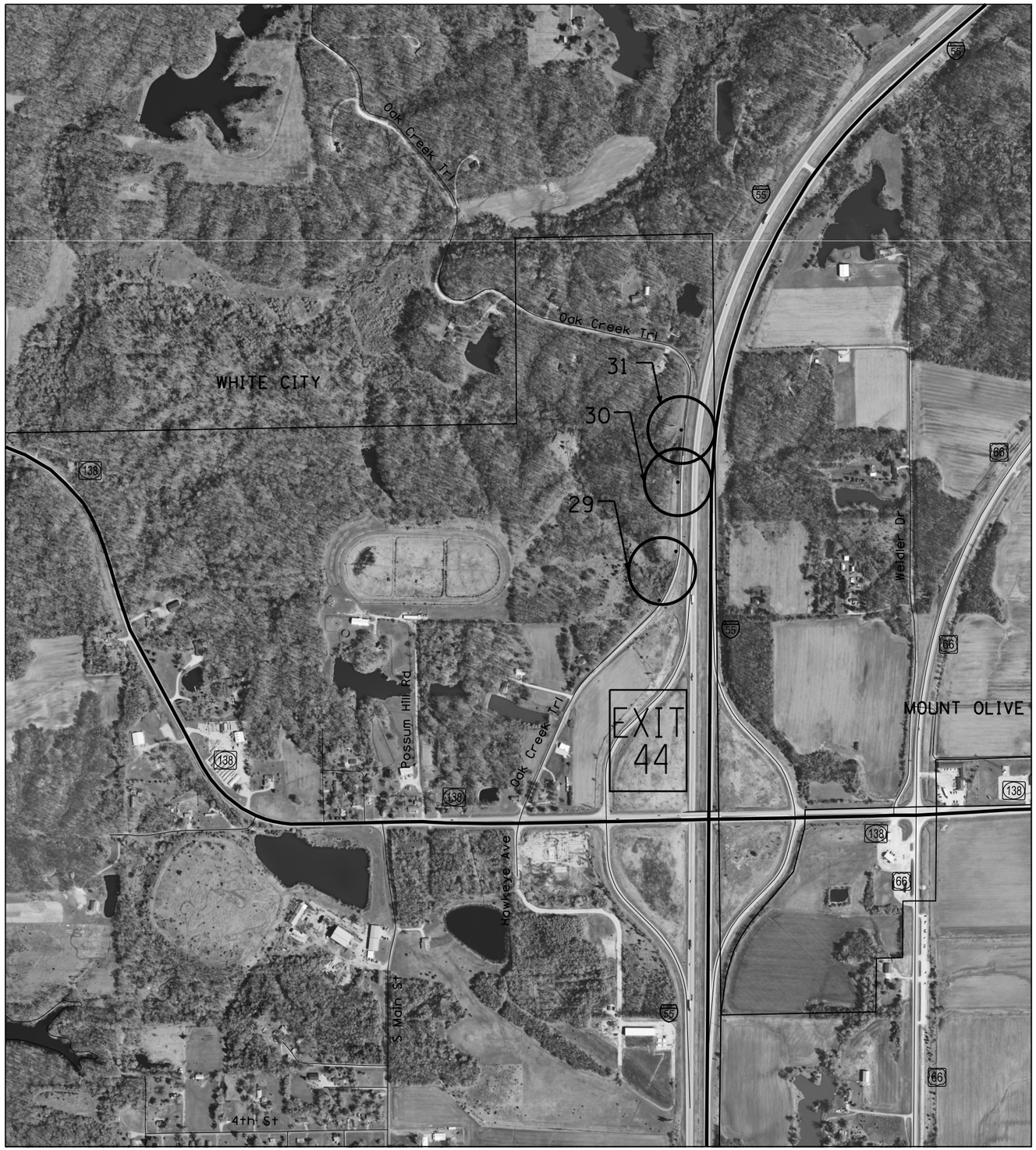
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Macoupin County Location Map

SCALE: | SHEET 25 OF 48 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VARIOUS	48	25
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

• DS GUARDRAIL END REPL 2013



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Macoupin County Location Map

SCALE: | SHEET 26 OF 48 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	•	VARIOUS	48	26
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

• DS GUARDRAIL END REPL 2013

MACOUPIN COUNTY

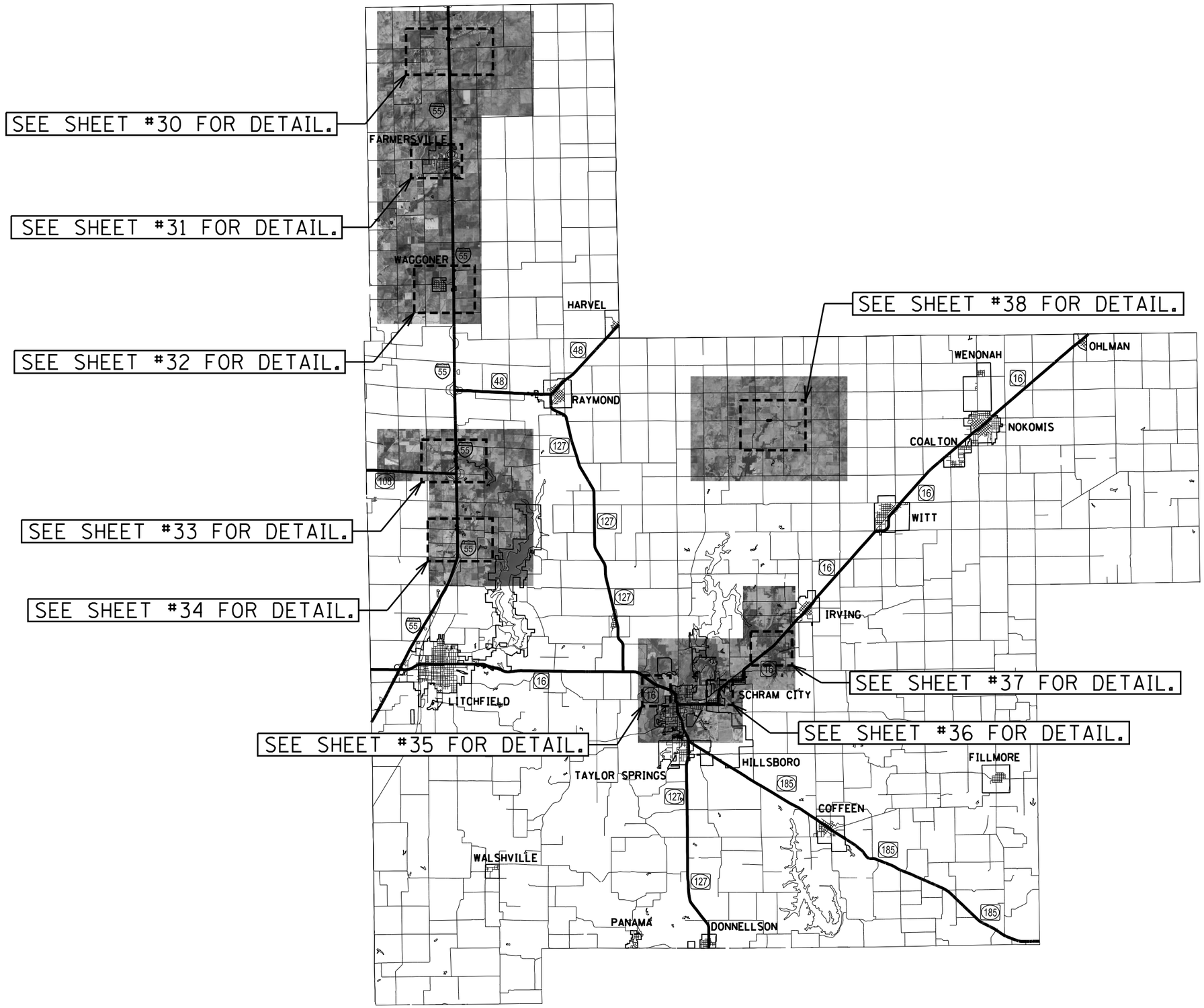
MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	FURNISHED EXCAVATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL	TRAFFIC BARRIER TERMINALS, TYPE 6A	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
							20400800	63000001	63100167	63200310	72501000	78200005	X6330900	63100087	X6330725
							CU YD	FOOT	EACH	FOOT	EACH	EACH	FOOT	EACH	FOOT
16	1146	IL-108	EB	39.303906	-90.079454	Breakaway Cable Terminal w/ < 4' Flare	15		1	50	1	4			25
17	1160	IL-108	EB	39.280604	-89.906656	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4	50		
	1162	IL-108	WB	39.280429	-89.905399	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
	1163	IL-108	EB	39.280365	-89.905603	Breakaway Cable Terminal w/ < 4' Flare			1	50	1				
18	1176	Shipman Road	SB	39.192621	-89.989354	Blunt End			1	50	1	5			
	1177	Shipman Road	NB	39.192572	-89.989236	Blunt End			1	50	1	5			
	1178	Shipman Road	SB	39.1913	-89.989549	Blunt End			1	50	1		300		
	1179	Shipman Road	NB	39.191183	-89.98943	Blunt End			1	50	1		300		
19	1174	Shipman Road	SB	39.200659	-89.980307	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
	1175	Shipman Road	NB	39.200481	-89.980334	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
20	1172	Shipman Road	SB	39.201936	-89.978612	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
	1173	Shipman Road	NB	39.201768	-89.978655	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
21	1170	Shipman Road	NB	39.208867	-89.962447	Blunt End		62.5	1	25	1	4			
	1171	Shipman Road	NB	39.208844	-89.962539	Blunt End			1		1				
22	1168	Shipman Road	NB	39.209612	-89.960556	Blunt End			1	50	1	4	100		
23	1166	Shipman Road	SB	39.216000	-89.953000	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4	100		
	1167	Shipman Road	NB	39.214787	-89.954900	Blunt End			1	50	1	4	850		
24	1165	Shipman Road	NB	39.218000	-89.952000	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4	100		
	0	Shipman Road	SB	39.21782	-89.95212	Breakaway Cable Terminal w/ < 4' Flare		25	1	75	1	4	100		
25	1180	Shipman Road	SB	39.145704	-90.022535	Blunt End		25	1	100	1	4		1	
26	1284	IL-4	SB	39.124480	-89.816154	Blunt End				12.5					
	1285	IL-4	SB	39.124440	-89.816224	Blunt End				12.5					
	1286	IL-4	SB	39.124395	-89.816272	Blunt End				12.5					
	1287	IL-4	SB	39.124349	-89.816319	Blunt End				12.5					
27	1288	IL-4	NB	39.123637	-89.816123	Blunt End				25					
	1289	IL-4	NB	39.123534	-89.816141	Blunt End				12.5					
	1290	IL-4	NB	39.123488	-89.816121	Blunt End				25					
	1291	IL-4	NB	39.123395	-89.816108	Blunt End				12.5					
	1292	IL-4	NB	39.123244	-89.816127	Blunt End				50					
	1293	IL-4	NB	39.123028	-89.816133	Blunt End				25					
	1294	IL-4	NB	39.122956	-89.816122	Blunt End				6.25					
	1295	IL-4	NB	39.122921	-89.816122	Blunt End				6.25					
	1296	IL-4	SB	39.122803	-89.816321	Blunt End				6.25					
	1297	IL-4	SB	39.122837	-89.816318	Blunt End				6.25					
	1298	IL-4	SB	39.123031	-89.816281	Blunt End				12.5					
	1299	IL-4	SB	39.123097	-89.816281	Blunt End				12.5					

MACOUPIN COUNTY CONT.

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	FURNISHED EXCAVATION	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL	TRAFFIC BARRIER TERMINALS, TYPE 6A	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
							20400800	63000001	63100167	63200310	72501000	78200005	X6330900	63100087	X6330725
							CU YD	FOOT	EACH	FOOT	EACH	EACH	FOOT	EACH	FOOT
28	1300	IL-4	SB	39.122215	-89.816630	Blunt End				12.5					
	1301	IL-4	SB	39.122147	-89.816633	Blunt End				12.5					
	1302	IL-4	NB	39.122386	-89.816641	Blunt End				6.25					
	1303	IL-4	NB	39.122386	-89.816596	Blunt End				6.25					
	1304	IL-4	SB	39.122399	-89.816580	Blunt End				6.25					
	1305	IL-4	SB	39.122427	-89.816556	Blunt End				6.25					
29	632	Oak Creek Trail	SB	39.076926	-89.756266	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
	633	Oak Creek Trail	SB	39.076026	-89.756668	Breakaway Cable Terminal w/ < 4' Flare			1	50	1				
30	631	Oak Creek Trail	SB	39.079161	-89.756125	Breakaway Cable Terminal w/ < 4' Flare			1	50	1	4			
31	630	Oak Creek Trail	SB	39.078201	-89.756212	Breakaway Cable Terminal w/ < 4' Flare			1	50	1				
						TOTALS	15	112.5	24	1500	24	74	1900	1	25

STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

MAP LOCATION	POSTS	POST SPACING	TOTAL LENGTH	RADIUS
16	3	6'-3"	25'	MATCH EXISTING



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 29 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	29
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 30 OF 48 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	30
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 31 OF 48 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	31
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018



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	PLOT SCALE = 100.0000 ' / in.	DRAWN -	REVISED -			VAR	•	VARIOUS	48	32
Default	PLOT DATE = 3/23/2018	CHECKED -	REVISED -					CONTRACT NO. 72K56		
		DATE -	REVISED -		SCALE: SHEET 32 OF 48 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



N

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		DRAWN	REVISED -			VAR	•	VARIOUS	48	33
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K56		
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE: SHEET 33 OF 48 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

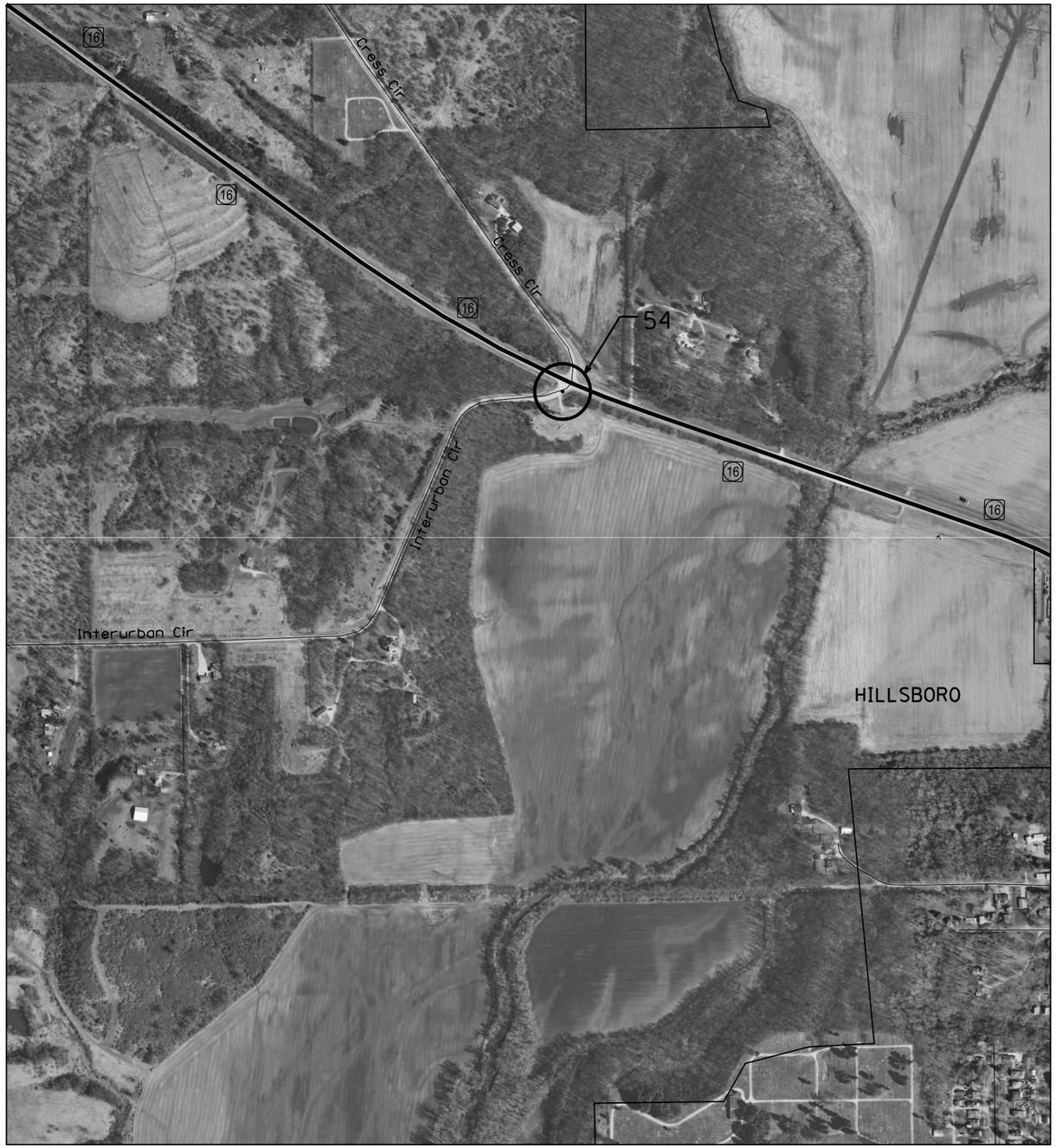
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 34 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	34
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -					VAR	•	VARIOUS	48	35
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 72K56		
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE:	SHEET 35 OF 48 SHEETS	STA. TO STA.			ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 36 OF 48 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	36
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018



N

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		DRAWN -	REVISED -
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 37 OF 48 SHEETS | STA. TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	37
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Location Map

SCALE: | SHEET 38 OF 48 SHEETS | STA. TO STA.

F.A.• RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	38
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018

MONTGOMERY COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL
							63000001	63100167	63100169	63200310	72501000	78200005	X6330900
							FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT
32	9941	W Frontage Rd	SB	39.507008	-89.645906	Turned Down		1		50	1	4	175
	9942	W Frontage Rd	SB	39.506278	-89.645898	Turned Down		1		50	1		
33	9935	E Frontage Rd	NB	39.506233	-89.644757	Turned Down		1		50	1	4	
	9936	E Frontage Rd	NB	39.506852	-89.644771	Turned Down		1		50	1		25
34	9924	Main Street	EB	39.44327	-89.648354	Turned Down		1		50	1	4	275
35	9923	W Frontage Rd	SB	39.44322	-89.647175	Turned Down		1		50	1		
36	9909	E Frontage Rd	NB	39.384595	-89.642493	Turned Down		1		50	1	4	
	9910	Brown Trail	NB	39.384898	-89.642054	Turned Down		1		50	1		
	9911	Brown Trail	NB	39.384979	-89.642054	Turned Down		1		50	1	4	
	9912	E Frontage Rd	NB	39.385201	-89.642497	Turned Down		1		50	1		25
37	9898	E Frontage Rd	NB	39.380575	-89.64241	Turned Down	25	1		75	1	8	
38	9897	E Frontage Rd	NB	39.376494	-89.642314	Turned Down		1		50	1		
39	9896	E Frontage Rd	NB	39.375013	-89.642391	Turned Down		1		50	1	4	
	9895	E Frontage Rd	NB	39.375769	-89.642389	Turned Down		1		50	1		50
40	9903	W Frontage Rd	SB	39.375127	-89.643564	Turned Down		1		50	1	4	
	9904	W Frontage Rd	SB	39.374447	-89.643557	Turned Down		1		50	1		
41	9888	E Frontage Rd	NB	39.290126	-89.641469	Turned Down		1		50	1	5	
42	9887	E Frontage Rd	NB	39.288481	-89.64144	Turned Down		1		50	1		50
43	9886	E Frontage Rd	NB	39.287001	-89.641432	Turned Down		1		50	1	4	
44	9883	E Frontage Rd	NB	39.283171	-89.641341	Turned Down		1		50	1	4	
45	9881	E Frontage Rd	NB	39.281177	-89.640743	Turned Down	25	1		75	1	4	
	9882	E Frontage Rd	NB	39.281907	-89.641215	Turned Down		1		50	1		150
46	9891	W Frontage Rd	SB	39.28981	-89.642608	Turned Down		1		50	1	4	275
47	9892	W Frontage Rd	SB	39.2885	-89.642576	Turned Down		1		50	1		
48	9893	W Frontage Rd	SB	39.285758	-89.642545	Turned Down		1		50	1	4	350
49	9894	W Frontage Rd	SB	39.284526	-89.642515	Turned Down		1		50	1		

MONTGOMERY COUNTY CONT.

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL
							63000001	63100167	63100169	63200310	72501000	78200005	X6330900
							FOOT	EACH	EACH	FOOT	EACH	EACH	FOOT
50	9877	E Frontage Rd	NB	39.250015	-89.640868	Turned Down		1		50	1	4	
51	9876	E Frontage Rd	NB	39.248774	-89.640851	Turned Down		1		50	1		200
52	9879	W Frontage Rd	SB	39.25076	-89.641969	Turned Down		1		50	1	5	200
53	9880	W Frontage Rd	SB	39.24891	-89.641947	Turned Down		1		50	1		
54	9644	IL-16	EB	39.165942	-89.506725	Breakaway Cable Terminal w/ < 4' Flare		1		50	1	4	62.5
55	9698	IL-16	NB	39.160675	-89.465396	Breakaway Cable Terminal w/ < 4' Flare		1		50	1	4	
	9699	IL-16	NB	39.160782	-89.46538	Breakaway Cable Terminal w/ < 4' Flare		1		50	1	4	
56	9713	IL-16	SB	39.182906	-89.434003	Breakaway Cable Terminal w/ < 4' Flare		1		50	1		
	9714	IL-16	SB	39.183101	-89.433661	Turned Down		1		50	1		
57	10048	Raymond Nokomis Blacktop	EB	39.304923	-89.430917	Breakaway Cable Terminal = 4' Flare		1		50	1	4	150
	10049	Raymond Nokomis Blacktop	WB	39.305033	-89.430477	Breakaway Cable Terminal = 4' Flare		1		50	1	4	
58	10050	Raymond Nokomis Blacktop	EB	39.304915	-89.429389	Breakaway Cable Terminal = 4' Flare			1	50	1		
	10051	Raymond Nokomis Blacktop	WB	39.305031	-89.428605	Breakaway Cable Terminal = 4' Flare		1		50	1		137.5
						TOTALS	50	38	1	2000	39	90	2125

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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

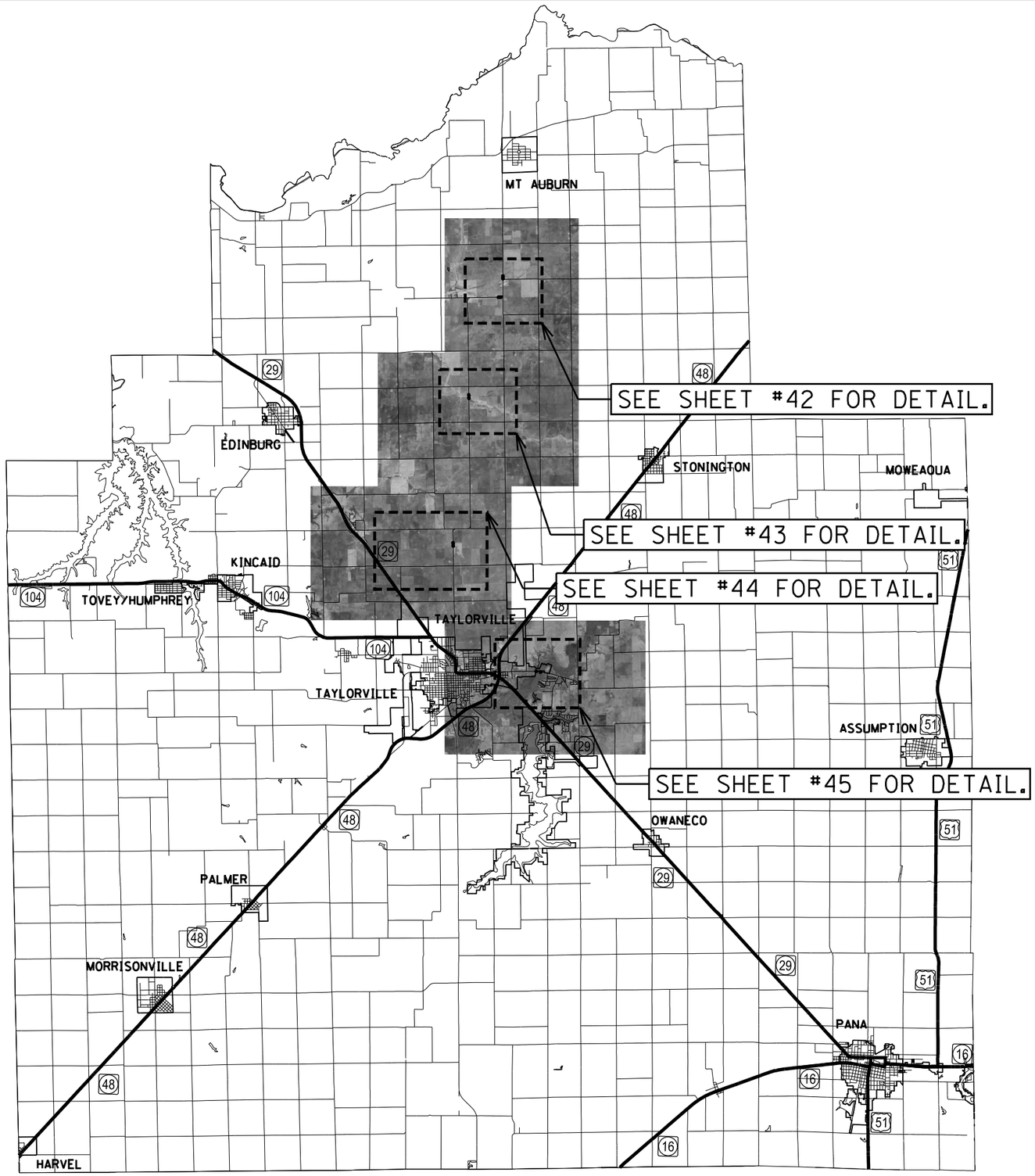
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Montgomery County Schedule

SCALE: | SHEET 40 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	40
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Christian County Location Map

SCALE: | SHEET 41 OF 48 SHEETS | STA. | TO STA.

F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	*	VARIOUS	48	41

CONTRACT NO. 72K56

ILLINOIS FED. AID PROJECT

* D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Christian County Location Map

SCALE: | SHEET 42 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	42
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -
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Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Christian County Location Map

SCALE: | SHEET 43 OF 48 SHEETS | STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	43
		CONTRACT NO. 72K56		
		ILLINOIS FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



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		DRAWN -	REVISED -			VAR	•	VARIOUS	48	44
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K56		
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE: SHEET 44 OF 48 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT			

• D6 GUARDRAIL END REPL 2018



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	PLOT DATE = 3/23/2018	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Christian County Location Map

SCALE: | SHEET 45 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	45
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018

CHRISTIAN COUNTY

MAP LOCATION	ID	ROUTE OR ROAD NAME	TRAVEL DIRECTION	LATITUDE	LONGITUDE	EXISTING TERMINAL TYPE	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	VERTICAL ADJUSTMENT OF GUARDRAIL	TRAFFIC BARRIER TERMINALS, TYPE 6A
							63100167	63200310	72501000	78200005	X6330900	63100087
							EACH	FOOT	EACH	EACH	FOOT	EACH
59	9378	N 1400 East Rd	SB	39.715204	-89.270353	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4		
	0	N 1400 East Rd	NB	39.71499	-89.27024	Breakaway Cable Terminal w/ < 4' Flare	1	50	1			
60	9377	N 1400 East Rd	NB	39.71401	-89.270264	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4	100	
	0	N 1400 East Rd	SB	39.71424	-89.27039	Breakaway Cable Terminal w/ < 4' Flare	1	50	1			
61	9376	E 2450 North Rd	WB	39.706546	-89.271357	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1	4		1
	0	E 2450 North Rd	EB	39.70641	-89.2716	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1			1
62	9375	E 2450 North Rd	EB	39.70639	-89.272833	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1	4	162.5	1
	0	E 2450 North Rd	WB	39.70649	-89.27253	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1			1
63	9374	N 1300 East Rd	SB	39.666591	-89.289105	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4		
	0	N 1300 East Rd	NB	39.66619	-89.28897	Breakaway Cable Terminal w/ < 4' Flare	1	50	1		50	
64	9373	N 1300 East Rd	NB	39.665056	-89.288995	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4	175	
	0	N 1300 East Rd	SB	39.66539	-89.28909	Breakaway Cable Terminal w/ < 4' Flare	1	50	1			
65	9372	N 1250 East Rd	SB	39.605902	-89.29821	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1	4		1
	0	N 1250 East Rd	NB	39.60553	-89.29809	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1			1
66	9371	N 1250 East Rd	NB	39.604514	-89.298077	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1	4		1
	0	N 1250 East Rd	SB	39.60489	-89.29819	Breakaway Cable Terminal w/ < 4' Flare	1	87.5	1			1
67	9332	Lincoln Trail	EB	39.552723	-89.25488	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4	187.5	
	0	Lincoln Trail	WB	39.5528	-89.25457	Breakaway Cable Terminal w/ < 4' Flare	1	50	1		100	
68	9331	Lincoln Trail	WB	39.552501	-89.252238	Breakaway Cable Terminal w/ < 4' Flare	1	50	1	4	200	
	0	Lincoln Trail	EB	39.55244	-89.25259	Breakaway Cable Terminal w/ < 4' Flare	1	50	1		100	
						TOTALS	**20**	**1300**	**20**	**40**	**1075**	**8**

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	PLOT DATE = 3/23/2018	DATE -	REVISED -

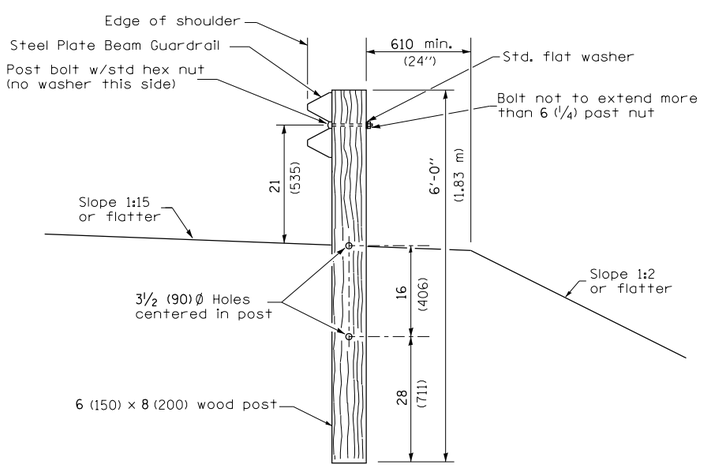
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Christian County Schedule

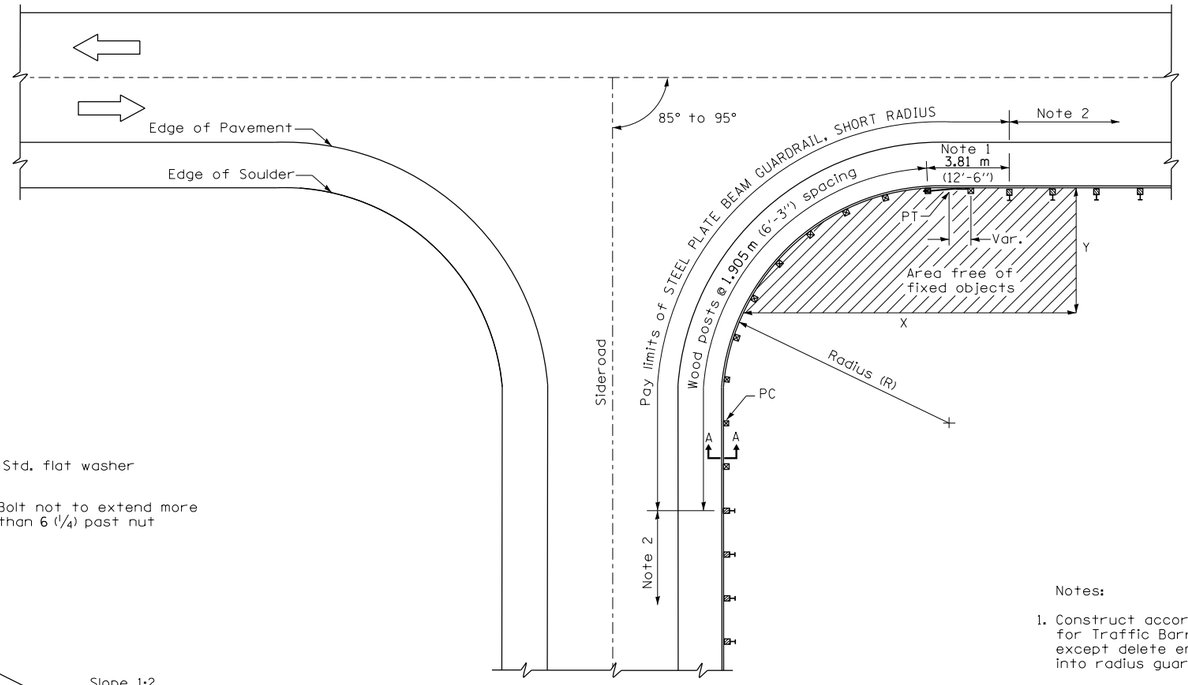
SCALE: | SHEET 46 OF 48 SHEETS | STA. | TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VAR	•	VARIOUS	48	46
		CONTRACT NO. 72K56		
	ILLINOIS FED. AID PROJECT			

• D6 GUARDRAIL END REPL 2018



SECTION A-A



PLAN

Notes:

1. Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail.
2. Steel Plate Beam Guardrail Type A, Type B, or Traffic Barrier Terminal as specified.
3. For the 8'-6" (2.59 m) radius, the rail is not bolted to the post located at the midpoint of the curve.

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)

R	NO. OF WOOD POSTS	X	Y
8'-6" (2.59)	5 (Note 3)	25' (7.6 m)	15' (4.6)
17'-0" (5.18)	6	30' (9.1 m)	15' (4.6)
25'-6" (7.77)	8	40' (12.2 m)	20' (6.1)
35'-0" (10.67)	11	50' (15.2 m)	20' (6.1)

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

GUARDRAIL_SHORT_RADIUS.DGN

BDE Memo 36-03 Attachment A

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 6\Projects\D672K56\DrawingData\EADsheets\D672K56-shts-DetailSheetRadius.dgn	USER NAME = verenskfa	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -

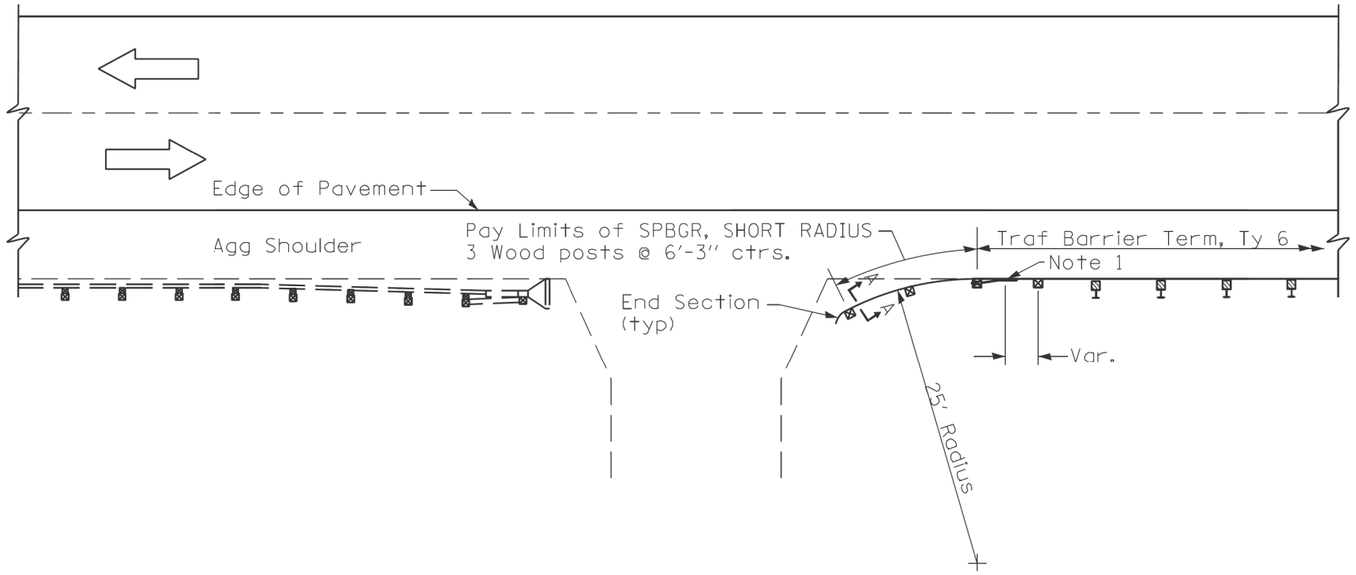
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS DETAIL SHEET (1 of 2)

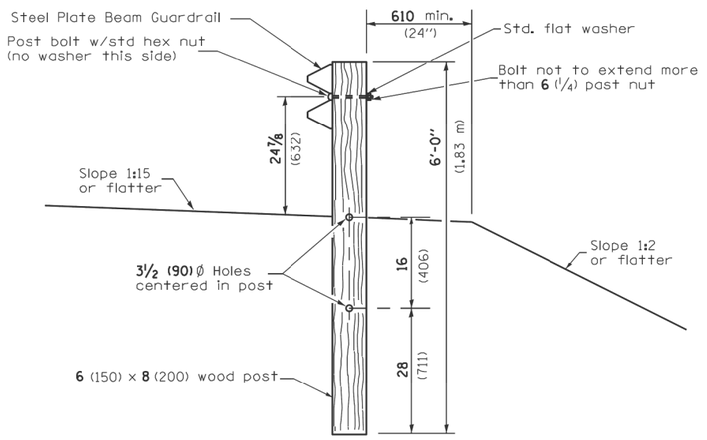
SCALE: _____ SHEET 47 OF 48 SHEETS STA. _____ TO STA. _____

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
____	_____ • _____	VARIOUS	48	47
		CONTRACT NO. 72K56		
	ILLINOIS	FED. AID PROJECT		

• D6 GUARDRAIL END REPL 2018



PLAN



SECTION A-A

Notes:

1. Construct according to Standard 631011 for Traffic Barrier Terminal Type 2, except delete end section and splice into radius guardrail. End section shall be placed at opposite end of radius guardrail.

GENERAL NOTES

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

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

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 6\Projects\D672K56-shts-Data\CADsheets\D672K56-shts-Data\Shortradius.dgn	USER NAME = jackca	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS DETAIL SHEET (2 of 2)	F.A.* RTE.	SECTION	COUNTY	TOTAL SHEETS / SHEET NO.
		DRAWN	REVISED			VAR	*	VARIOUS	48 / 48
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 72K56	
Default	PLOT DATE = 3/23/2018	DATE -	REVISED -		SCALE: SHEET 48 OF 48 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		

* D6 GUARDRAIL END REPL 2018