

GUARDRAIL SCHEDULE

LOCATION STA TO STA	STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE 1	NON-BLOCKED STEEL PLATE BEAM GUARDRAIL	LONG SPAN GUARDRAIL OVER CULVERT, 12 FOOT 6 INCH SPAN	GUARDRAIL REFLECTORS, TYPE A	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 6A	CONCRETE CURB, TYPE B	CONCRETE REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) FLARED	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT		TERMINAL MARKER - DIRECT APPLIED	COMMENTS	
	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	FOOT	CU YD	EACH	31 7/8"	27.5"	31 7/8"	EACH		
ILLINOIS 37 (JOHNSON COUNTY)																	
044-0031	NEQ	87.5					3	170.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
044-0031	NWQ	37.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
044-0031	SEQ	100.0					3	185.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
044-0031	SWQ	37.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
ILLINOIS 146 (JOHNSON COUNTY)																	
4.3 MILES E. OF JOHNSON/UNION COUNTY	NEQ	37.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
4.3 MILES E. OF JOHNSON/UNION COUNTY	NWQ	12.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
4.3 MILES E. OF JOHNSON/UNION COUNTY	SEQ	12.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
4.3 MILES E. OF JOHNSON/UNION COUNTY	SWQ	37.5					2	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
STA 578+94 TO STA 580+44	NEQ							162.0									REMOVE 162.0 FT SECTION OF GUARDRAIL (044-0056)
STA 579+94											1						TYPE 2 TERMINAL ALONG FRANKLIN LN.
STA 579+94 TO STA 591+94		1100.0		50.0			16								1	1	ADDITION OF NEW GUARDRAIL
SUB-TOTAL (JOHNSON COUNTY)		1462.5	0.0	50.0	0.0	0.0	34	1117.0	8	125.0	0.0	1	0	0	9	9	
ILLINOIS 127 (PERRY COUNTY)																	
073-0021	NEQ						1	25.0									REMOVE 25 FT END SECTION, REPLACE WITH TYPE 1 TERMINAL
073-0021	NWQ						1	25.0									REMOVE 25 FT END SECTION, REPLACE WITH TYPE 1 TERMINAL
073-0021	SEQ						1	25.0									REMOVE 25 FT END SECTION, REPLACE WITH TYPE 1 TERMINAL
073-0021	SWQ						1	25.0									REMOVE 25 FT END SECTION, REPLACE WITH TYPE 1 TERMINAL
SUB-TOTAL (PERRY COUNTY)		0.0	0.0	0.0	0.0	0.0	4	100.0	0	0.0	0.0	0	0	4	0	4	
ILLINOIS 146 (POPE COUNTY)																	
076-0028	NEQ	75.0					2	100.0							1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0028	NWQ	75.0					2	100.0							1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0028	SWQ	125.0					3	150.0							1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0007	NEQ	25.0					3	115.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0007	NWQ	25.0					3	55.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0007	NWQ							37.5									REMOVE GUARDRAIL BEHIND GUARDRAIL ATTACHED TO STRUCTURE
076-0007	SEQ						3	81.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
076-0007	SWQ	62.5					3	100.0	1	16					1	1	REMOVE AND REPLACE EXISTING GUARDRAIL
5.5 MILES E. OF POPE/JOHNSON COUNTY	SEQ	100.0					2	100.0							1	1	GUARDRAIL EXTENDS 50 FT PAST EXISTING
5.5 MILES E. OF POPE/JOHNSON COUNTY	SWQ	50.0					2	100.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
9.2 MILES EAST OF POPE/JOHNSON COUNTY	NE	250.0					4	300.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
9.2 MILES EAST OF POPE/JOHNSON COUNTY	NW	300.0					5	300.0							1	1	EXTEND GUARDRAIL 50 FT PAST EXISTING
9.2 MILES EAST OF POPE/JOHNSON COUNTY	SE	275.0					4	300.0							1	1	TERMINAL EXTENDS 25 FT PAST EXISTING
9.2 MILES EAST OF POPE/JOHNSON COUNTY	SW	300.0					5	300.0							1	1	EXTEND GUARDRAIL 50 FT PAST EXISTING
076-7010	NEQ	75.0					2	125.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
076-7010	NWQ	75.0					2	125.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
076-7010	SEQ	100.0					2	150.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
076-7010	SWQ	100.0					2	150.0							1	1	REPLACE GUARDRAIL STARTING AT CURRENT TERMINAL
10.1 MILES E. OF POPE/JOHNSON COUNTY	SEQ	37.5					2	62.5							1	1	TERMINAL EXTENDS 25 FT PAST EXISTING
10.1 MILES E. OF POPE/JOHNSON COUNTY	SWQ	37.5					2	62.5							1	1	TERMINAL EXTENDS 25 FT PAST EXISTING
11.7 MILES E. OF POPE/JOHNSON COUNTY	SEQ	287.5			37.5		5	325.0			1						GUARDRAIL WRAPS AROUND SIDEROAD
11.7 MILES E. OF POPE/JOHNSON COUNTY	SWQ	300.0					5	325.0							1	1	TERMINAL EXTENDS 25 FT PAST EXISTING
SUB-TOTAL (POPE COUNTY)		2675.0	0.0	0.0	37.5	0.0	63	3463.5	4	62.5	0.0	1	0	0	20	20	



△ REV. 6-4-2018

• VARIOUS
•• D9 GUARDRAIL END SECT FY18-1

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PLOT DATE = 5/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	20	8
CONTRACT NO. 78632				
ILLINOIS FED. AID PROJECT				

GUARDRAIL SCHEDULE

LOCATION STA TO STA	STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FOOT POSTS	STRONG POST GUARDRAIL ATTACHED TO CULVERT	WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE 1	NON-BLOCKED STEEL PLATE BEAM GUARDRAIL	LONG SPAN GUARDRAIL OVER CULVERT, 12 FOOT 6 INCH SPAN	GUARDRAIL REFLECTORS, TYPE A	GUARDRAIL REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 6A	CONCRETE CURB, TYPE B	CONCRETE REMOVAL	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 1, (SPECIAL) FLARED	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT		TERMINAL MARKER - DIRECT APPLIED	COMMENTS	
	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	FOOT	EACH	FOOT	CU YD	EACH	31 7/8"	27.5"	31 7/8"	EACH		
ILLINOIS 127 (UNION COUNTY)																	
091-0047 NEQ	68.75					2	94.0								1	1	GUARDRAIL EXTENDS 25 FT PAST EXISTING
091-0047 NWQ	68.75					2	93.0								1	1	GUARDRAIL EXTENDS 26 FT PAST EXISTING
091-0047 SEQ	68.75					2	94.0								1	1	GUARDRAIL EXTENDS 25 FT PAST EXISTING
091-0047 SWQ	68.75					2	93.0								1	1	GUARDRAIL EXTENDS 26 FT PAST EXISTING
OLD US 51 NORTH (UNION COUNTY)																	
091-7057 NWQ	50.0		25.0				100.0								1	1	
091-7057 SWQ	25.0		25.0				100.0								1	1	
US 51 (UNION COUNTY)																	
AT SPANISH BLUFF ROAD NEQ				62.5		2	25.0						1			1	REMOVE TYPE 2, ADD GUARDRAIL AND EXTEND ALONG US 51
0.5 MILES NORTH OF US 51/IL 146 NWQ	500.0					7	500.0								1	1	REMOVE WRAP AROUND GUARDRAIL AND REPLACE WITH TYPE 1
SUB-TOTAL (UNION COUNTY)	850.0	0.0	50.0	62.5	0.0	17	1099.0	0	0.0	0.0	0	0	1	7	8		
OLD IL 13 (WILLIAMSON COUNTY)																	
100-7066 NEQ	25.0		18.75				38.0								1	1	GUARDRAIL WILL EXTEND 55.75 FT PAST EXISTING GUARDRAIL
100-7066 NWQ	50.0		18.75				38.0								1	1	GUARDRAIL WILL EXTEND 80.75 FT PAST EXISTING GUARDRAIL
100-7066 SEQ							25.0						1			1	GUARDRAIL WILL EXTEND 25 FT PAST EXISTING GUARDRAIL
SUB-TOTAL (WILLIAMSON COUNTY)	75.0	0.0	37.5	0.0	0.0	0	101.0	0	0.0	0.0	0	0	1	2	3		
SUB-TOTAL (ALEXANDER COUNTY)	575.0	0.0	0.0	0.0	0.0	11	633.0	0	0.0	0.0	2	0	0	2	2		
SUB-TOTAL (HAMILTON COUNTY)	150.0	50.0	0.0	25.0	0.0	6	262.5	0	0.0	1.1	0	0	0	4	4		
SUB-TOTAL (JACKSON COUNTY)	3100.0	0.0	0.0	0.0	0.0	75	3841.0	0	0.0	0.0	0	0	0	30	30		
SUB-TOTAL (JOHNSON COUNTY)	1462.5	0.0	50.0	0.0	0.0	34	1117.0	8	125.0	0.0	1	0	0	9	9		
SUB-TOTAL (PERRY COUNTY)	0.0	0.0	0.0	0.0	0.0	4	100.0	0	0.0	0.0	0	0	4	0	4		
SUB-TOTAL (POPE COUNTY)	2675.0	0.0	0.0	37.5	0.0	63	3463.5	4	62.5	0.0	1	0	0	20	20		
SUB-TOTAL (PULASKI COUNTY)	100.0	0.0	62.5	0.0	0.0	4	93.0	0	0.0	0.0	0	1	0	1	2		
SUB-TOTAL (SALINE COUNTY)	1562.5	0.0	612.5	37.5	150.0	61	2015.0	0	0.0	0.0	0	0	2	34	36		
SUB-TOTAL (UNION COUNTY)	850.0	0.0	50.0	62.5	0.0	17	1099.0	0	0.0	0.0	0	0	1	7	8		
SUB-TOTAL (WILLIAMSON COUNTY)	75.0	0.0	37.5	0.0	0.0	0	101.0	0	0.0	0.0	0	0	1	2	3		
TOTAL	10550.0	50.0	812.5	162.5	150.0	275	12725.0	12	187.5	1.1	4	1	8	109	118		



AT SPANISH BLUFF ROAD NEQ
 0.5 MILES NORTH OF US 51/IL 146 NWQ

△ REV. 6-4-2018

• VARIOUS
• D9 GUARDRAIL END SECT FY18-1

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PLOT DATE = 5/30/2018	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	20	10
CONTRACT NO. 78632				
ILLINOIS FED. AID PROJECT				

EARTHWORK SCHEDULE

LOCATION STA TO STA	EARTH EXCAVATION	FOR INFORMATION ONLY				FURNISHED EXCAVATION	COMMENTS	
		AVERAGE SHRINKAGE FACTOR	EARTH EXCAVATION (ADJUSTED)	EMBANKMENT	EARTHWORK BALANCE			
		CU YD	%	CU YD	CU YD			
ILLINOIS 14 (HAMILTON COUNTY)								
033-0004	NEQ	0.0	75.0	0.0	33.6	-33.6	33.6	2.5:1 FORESLOPE
033-0004	NWQ	0.0	75.0	0.0	6.7	-6.7	6.7	
033-0004	SWQ	0.0	75.0	0.0	73.1	-73.1	73.1	
SUB-TOTAL (HAMILTON COUNTY)		0.0					113.3	
ILLINOIS 4 (JACKSON COUNTY)								
039-7031	NWQ	0.0	75.0	0.0	1.4	-1.4	1.4	4:1 FORESLOPE
039-7031	SWQ	0.0	75.0	0.0	3.3	-3.3	3.3	
039-7029	NEQ	0.0	75.0	0.0	4.5	-4.5	4.5	4:1 FORESLOPE
039-7029	NWQ	0.0	75.0	0.0	27.4	-27.4	27.4	2.5:1 FORESLOPE
039-7029	SEQ	0.0	75.0	0.0	7.2	-7.2	7.2	4:1 FORESLOPE
039-7093	NEQ	0.0	75.0	0.0	13.3	-13.3	13.3	4:1 FORESLOPE
039-7093	NWQ	0.0	75.0	0.0	25.1	-25.1	25.1	1.5:1 FORESLOPE
INTERSECTION OF IL4/IL 151	NWQ	0.0	75.0	0.0	12.3	-12.3	12.3	4:1 FORESLOPE
039-7028	NEQ	0.0	75.0	0.0	6.4	-6.4	6.4	4:1 FORESLOPE
039-7028	NWQ	0.0	75.0	0.0	7.6	-7.6	7.6	2.5:1 FORESLOPE
039-7028	SEQ	0.0	75.0	0.0	10.0	-10.0	10.0	4:1 FORESLOPE
039-7026	NEQ	0.0	75.0	0.0	12.3	-12.3	12.3	2.5:1 FORESLOPE
039-7026	NWQ	0.0	75.0	0.0	8.0	-8.0	8.0	
039-7026	SEQ	0.0	75.0	0.0	4.7	-4.7	4.7	
039-7026	SWQ	0.0	75.0	0.0	1.5	-1.5	1.5	
039-7027	NWQ	0.0	75.0	0.0	6.9	-6.9	6.9	
039-7027	SEQ	0.0	75.0	0.0	32.6	-32.6	32.6	2.5:1 FORESLOPE
039-7082	NWQ	0.0	75.0	0.0	20.9	-20.9	20.9	4:1 FORESLOPE
039-7082	SWQ	0.0	75.0	0.0	1.0	-1.0	1.0	
9.15 MILES S. OF PERRY/JACKSON	SEQ	0.0	75.0	0.0	61.4	-61.4	61.4	2.5:1 FORESLOPE
SUB-TOTAL (JACKSON COUNTY)		0.0					267.9	
ILLINOIS 146 (POPE COUNTY)								
076-0028		0.0	75.0	0.0	2.4	-2.4	2.4	4:1 FORESLOPE
076-0007	NWQ	0.0	75.0	0.0	1.3	-1.3	1.3	4:1 FORESLOPE
076-0007	SEQ	0.0	75.0	0.0	1.2	-1.2	1.2	
5.5 MILES E. OF POPE/JOHNSON COUNTY	SEQ	0.0	75.0	0.0		0.0	0.0	
9.2 MILES EAST OF POPE/JOHNSON	NE	0.0	75.0	0.0	14.3	-14.3	14.3	1:1 FORESLOPE
9.2 MILES EAST OF POPE/JOHNSON	NW	0.0	75.0	0.0	2.8	-2.8	2.8	2.5:1 FORESLOPE
9.2 MILES EAST OF POPE/JOHNSON	SW	0.0	75.0	0.0	14.9	-14.9	14.9	
076-7010	NEQ	0.0	75.0	0.0	0.9	-0.9	0.9	2.5:1 FORESLOPE
076-7010	NWQ	0.0	75.0	0.0	10.2	-10.2	10.2	1.5:1 FORESLOPE
10.1 MILES E. OF POPE/JOHNSON	SEQ	0.0	75.0	0.0	3.3	-3.3	3.3	4:1 FORESLOPE
11.7 MILES E. OF POPE/JOHNSON	SWQ	0.0	75.0	0.0	1.3	-1.3	1.3	4:1 FORESLOPE
SUB-TOTAL (POPE COUNTY)		0.0					52.5	

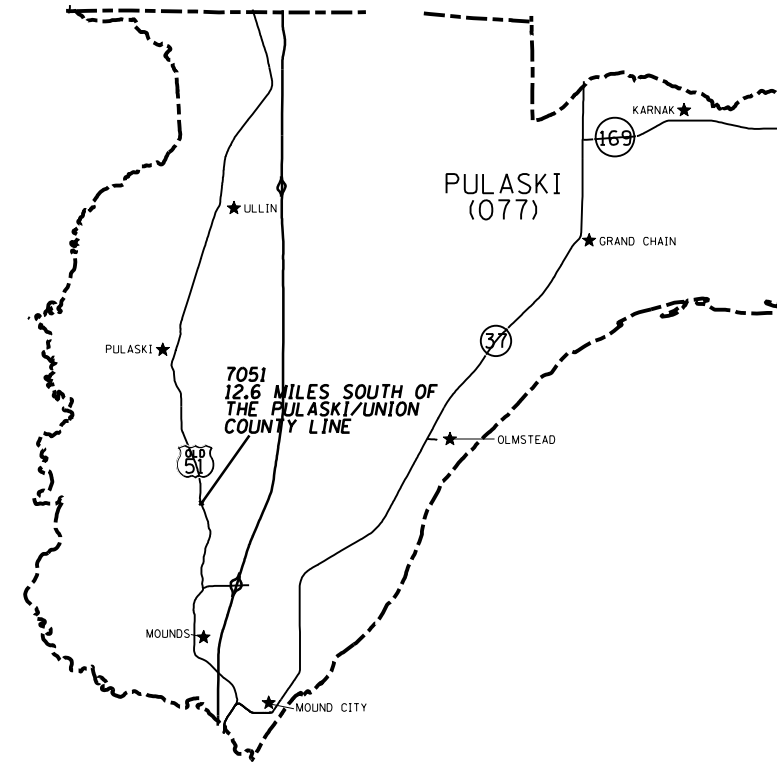
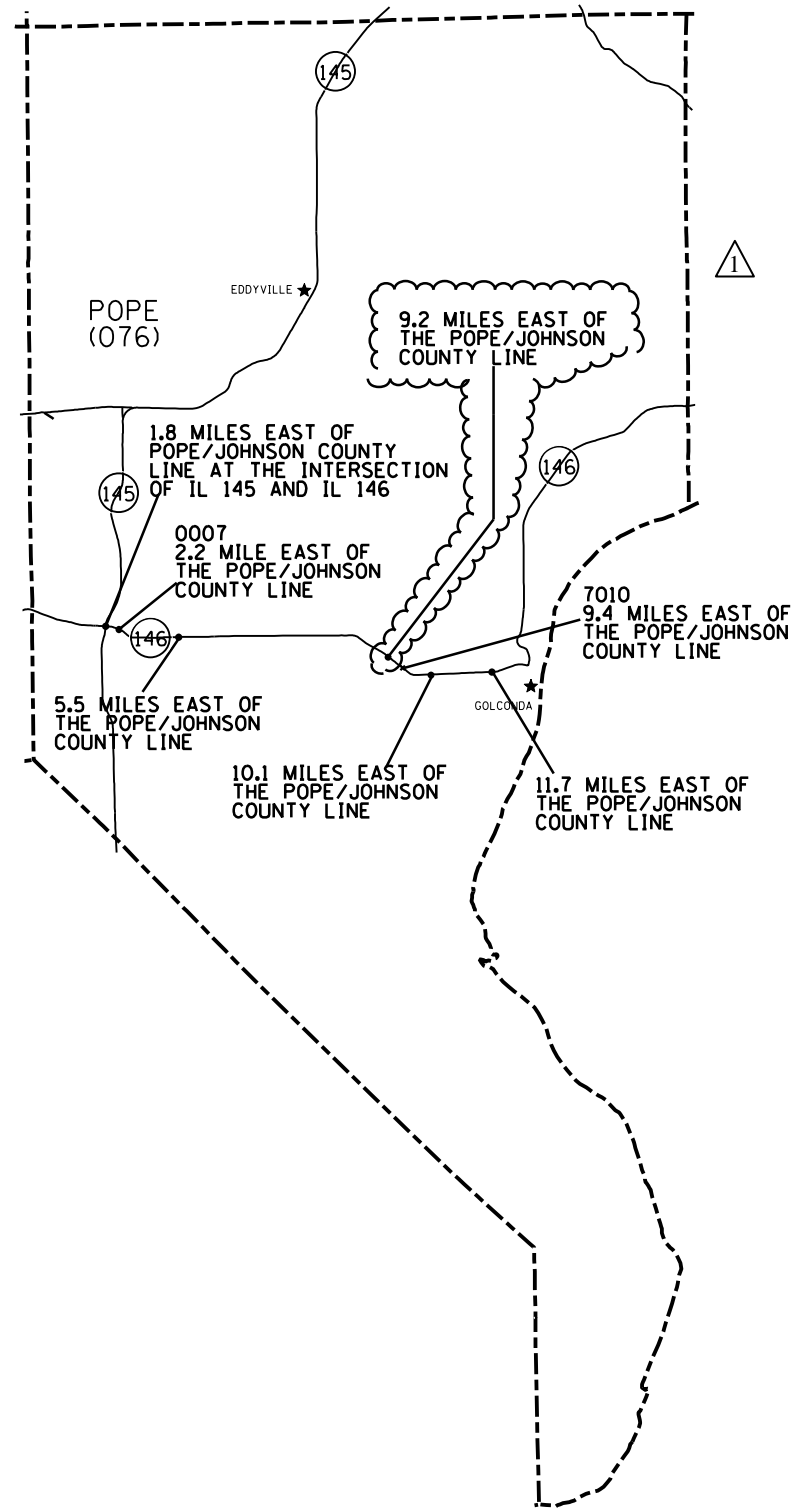


REV. 6-4-2018

• VARIOUS
•• D9 GUARDRAIL END SECT FY18-1

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△ REV. 6-4-2018

• VARIOUS
 ** D9 GUARDRAIL END SECT FY18-1

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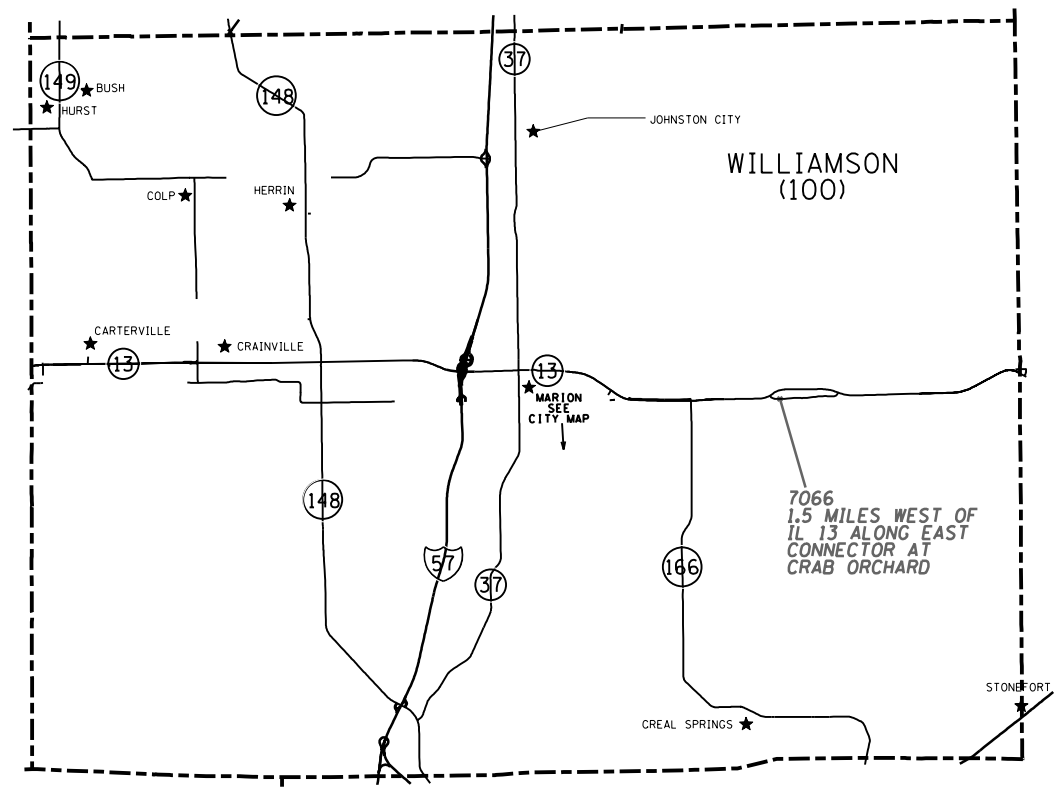
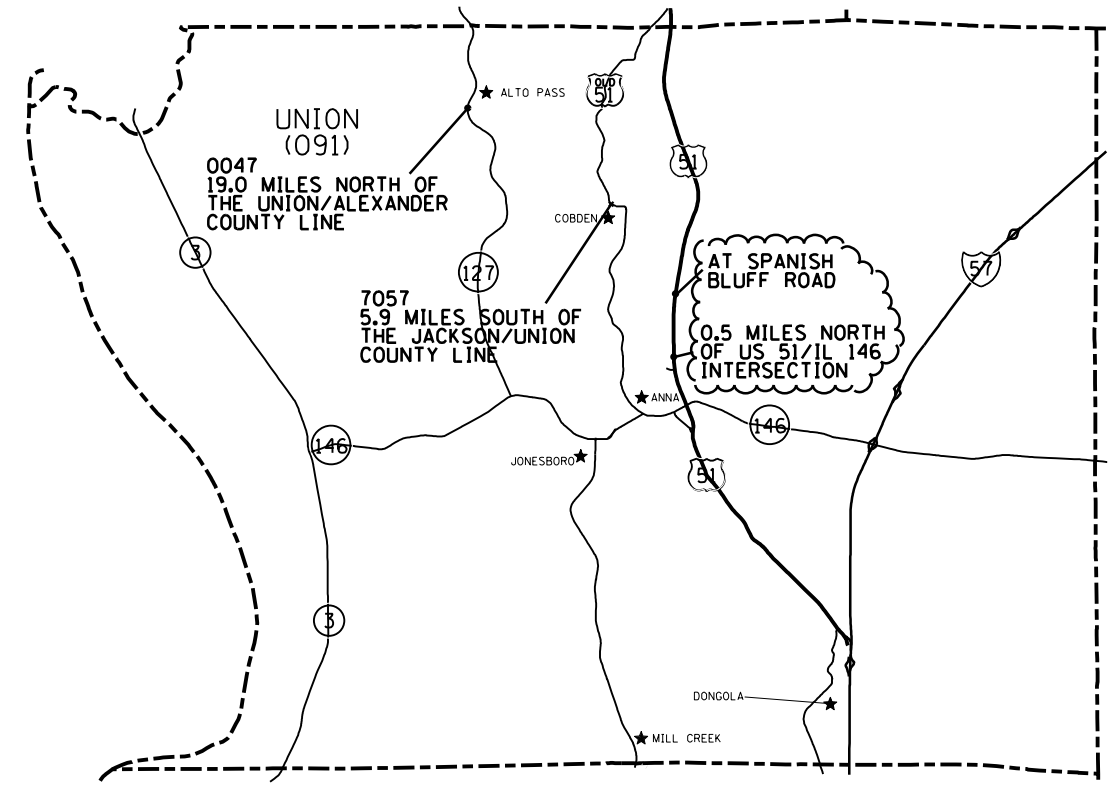
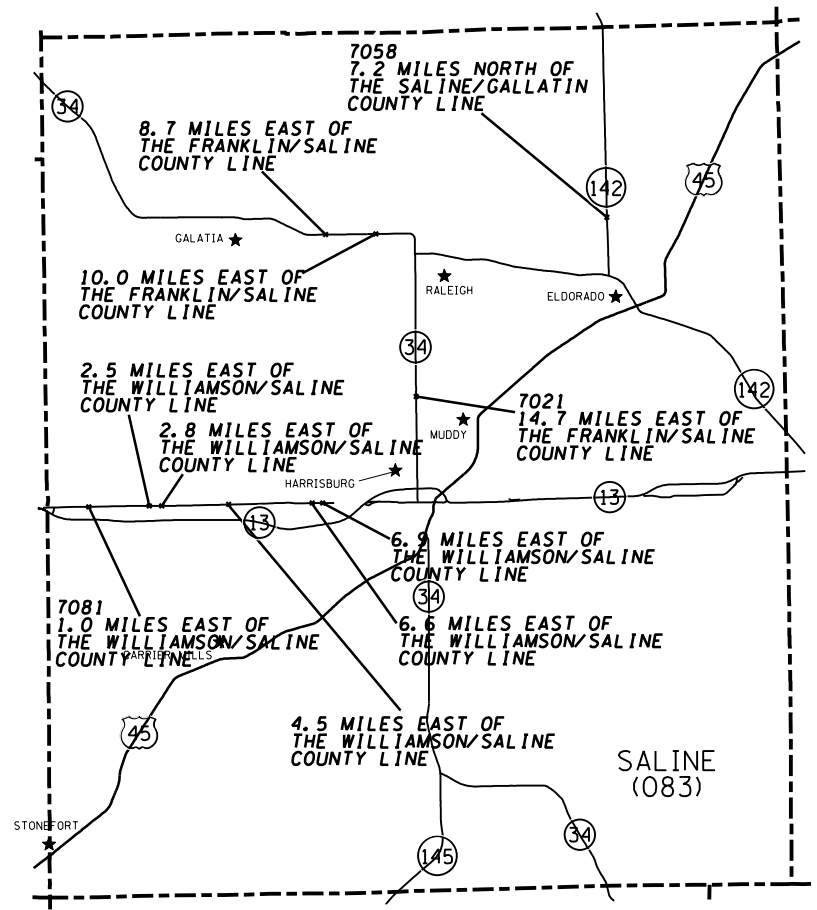
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**POPE COUNTY
 PULASKI COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	20	17
CONTRACT NO. 78632				
		ILLINOIS	FED. AID PROJECT	



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• VARIOUS
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**SALINE COUNTY, UNION COUNTY
 WILLIAMSON COUNTY**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
*	**	VARIOUS	20	18
CONTRACT NO. 78632				
ILLINOIS FED. AID PROJECT				