

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

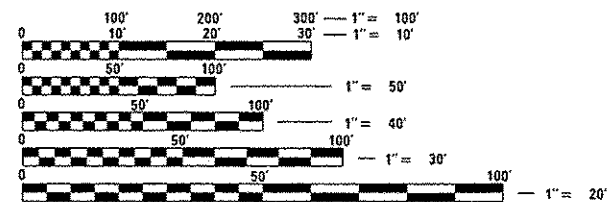
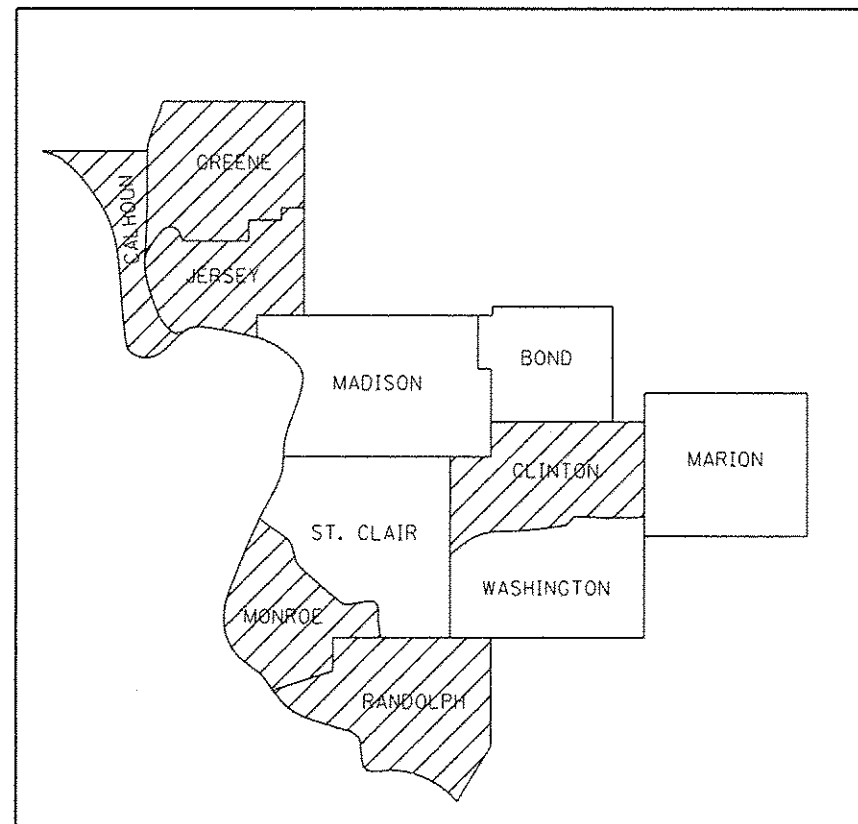
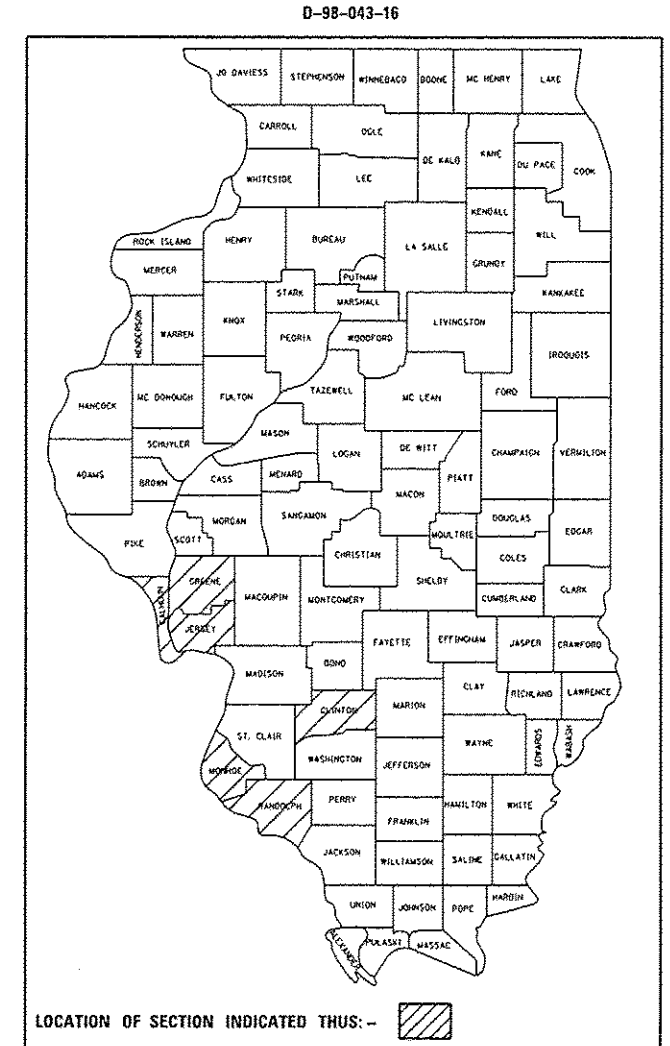
**PROPOSED  
 HIGHWAY PLANS**

VARIOUS ROUTES  
 SECTION DIST 8 GUARDRAIL 2017-2  
 GUARDRAIL REPAIR  
 VARIOUS COUNTIES

C-98-037-16  
 PROJECT: ACHSIP-000V(077)

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
VARIOUS	DIST 8 GUARDRAIL 2017-2	VARIOUS	5	1
		ILLINOIS		CONTRACT NO. 76J58

FOR INDEX OF SHEETS, SEE SHEET NO. 2



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: HERVE GELIN (618) 346-3179  
 DESIGNER: ALVIN NIEVES-ROSARIO (618) 346-3187

CONTRACT NO. 76J58

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS

SUBMITTED May 5 2016  
Jeffrey Z. K...  
 REGIONAL ENGINEER, REGION 5

July 1 2016  
Maureen M. Addis PE  
 ENGINEER OF DESIGN AND ENVIRONMENT

July 1 2016  
Osman Osman PE  
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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 OF THE STATE OF ILLINOIS

**INDEX OF SHEETS**

- 1 COVER SHEET
- 2 INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES, AND COMMITMENTS
- 3 SUMMARY OF QUANTITIES
- 4-5 SCHEDULE OF QUANTITIES

**HIGHWAY STANDARDS**

- 000001-06 STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630101-09 GUARDRAIL MOUNTED ON EXISTING CULVERTS
- 630301-06 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 631011-09 TRAFFIC BARRIER TERMINAL, TYPE 2
- 631031-14 TRAFFIC BARRIER TERMINAL, TYPE 6
- 701001-02 OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5m) AWAY
- 701006-05 OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701101-05 OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5m) TO 24" (600mm) FROM PAVEMENT EDGE
- 701106-02 OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5m) AWAY
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701400-08 APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
- 701421-07 LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS > 45 MPH TO 55 MPH
- 701456-03 PARTIAL EXIT RAMP CLOSURE, FREEWAY/EXPRESSWAY
- 701501-06 URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
- 701901-05 TRAFFIC CONTROL DEVICES
- 725001 OBJECT AND TERMINAL MARKERS
- 782006 GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

**GENERAL NOTES**

1. ALL WORK IS TO BE REPLACED IN KIND OR AS INDICATED ON THE CONTRACT PLANS AND PROVISIONS.
2. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
3. ALL DISTURBED EMBANKMENT AREAS SHALL BE SEEDED WITH CLASS 2A SEED, FERTILIZED AND MULCHED AS PER SECTION 250.04 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THE COST FOR PERFORMING THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT PRICE BID OF FURNISHED EXCAVATION.
4. 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. (PHONE 800-892-0123) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
5. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
6. PRIOR TO ORDERING ANY MATERIALS, THE CONTRACTOR SHALL CONFIRM THE TYPES AND SPECIFIC MANUFACTURER FOR THE GUARDRAIL.
7. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
8. ARTICLE 701.20 OF THE STANDARD SPECIFICATIONS DISCUSSES AN ADJUSTED UNIT PRICE. NO ADJUSTMENTS SHALL BE MADE TO THE TRAFFIC CONTROL PAY ITEMS FOR THIS CONTRACT.
9. THE CONTRACTOR SHALL BE ADVISED THAT THE GUARDRAIL PAY ITEMS INCLUDED IN THE PLANS MAY BE USED TO REPLACE/REPAIR SPBGR AND TRAFFIC BARRIER TERMINALS FOR EITHER THE CURRENT MIDWEST STYLES AS SHOWN IN THE HIGHWAY STANDARDS OR SPBGR AND TRAFFIC BARRIER TERMINALS INSTALLED PRIOR TO JANUARY 1, 2007 AS SHOWN IN THE PLAN DETAILS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST STANDARDS.
10. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THEIR SUB-CONTRACTORS TO HIRE MINORITY, WOMEN AND DISADVANTAGED INDIVIDUALS FROM ITS FEDERALLY FUNDED HIGHWAY CONSTRUCTION CAREERS TRAINING PROGRAM (HCCTP) TO HELP MEET WORKFORCE AND TRAINEE GOALS. THIS PROGRAM IS TRAINING MINORITIES, WOMEN AND DISADVANTAGED INDIVIDUALS IN HIGHWAY CONSTRUCTION-RELATED SKILLS, E.G., MATH FOR THE TRADES, JOB READINESS, TECHNICAL SKILLS COURSEWORK (CARPENTRY, CONCRETE FLATWORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ETC.) AND OSHA 10 HOUR CERTIFICATION, TO PREPARE THEM FOR A CAREER IN THE HIGHWAY CONSTRUCTION TRADES. GRADUATES ARE WELL-TRAINED AND READY TO BECOME PRODUCTIVE ENTRY-LEVEL CONSTRUCTION WORKERS. CONTACT THE DISTRICT EEO OFFICE AT 618-346-3360 AND OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORKFORCE AND TRAINEE GOALS.

**COMMITMENTS**

NONE

FILE NAME =	USER NAME = nrvvss	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>INDEX OF SHEETS, HIGHWAY STANDARDS GENERAL NOTES AND COMMITMENTS</b>	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11.0046810\INTEG\Illinois.gov\PI00T-00	Documents\DOT Office\District 8\Projects\087-	DRYING	REVISED			VARIOUS	DIST 8 GUARDRAIL 2017-2	VARIOUS	5	2	
		CHECKED -	REVISED -			CONTRACT NO. 76J58					
Defaults	PLOT SCALE = 100.0000' / 1" / 1"	DATE -	REVISED -			SCALE: NONE	SHEET	OF	SHEETS	STA.	TO STA.

90% FED./10% STATE  
CONSTR. CODE

90% FED./10% STATE  
CONSTR. CODE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 NONE
20400800	FURNISHED EXCAVATION	CU YD	777	777
60600605	CONCRETE CURB, TYPE B	FOOT	203	203
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	7937.5	7937.5
63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	325	325
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	7	7
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	13	13
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	74	74
63200310	GUARDRAIL REMOVAL	FOOT	10850	10850
67100100	MOBILIZATION	LSUM	1	1
70100310	TRAFFIC CONTROL AND PROTECTION, STANDARD 701421	LSUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LSUM	1	1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1	1
70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	LSUM	1	1
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	184	184

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0021 NONE
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	74	74
X7010410	SPEED DISPLAY TRAILER	CAL MO	2	2

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GUARDRAIL SCHEDULE													
LOCATION	COORDINATES		LENGTH FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS FOOT	STEEL PLATE BEAM, ATTACHED TO STRUCTURES FOOT	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) EACH	TRAFFIC BARRIER TERMINAL, TYPE 2 EACH	TRAFFIC BARRIER TERMINAL, TYPE 6 EACH	CONCRETE CURB, TYPE B FOOT	GUARDRAIL REMOVAL FOOT	TERMINAL MARKER - DIRECT APPLIED EACH	GUARDRAIL REFLECTORS, TYPE A EACH	FURNISHED EXCAVATION CU YD
	LATITUDE	LONGITUDE											
CALHOUN COUNTY													
IL-96													
EB, SN 007-2427	39.293347	-90.69042836	200	100		2				200	2	3	21
WB, 3060' E OF BESS HOLLOW RD	39.29380458	-90.70625266	100			2				63	2	2	21
WB, 3140' E OF BESS HOLLOW RD	39.29380541	-90.70602034	100	25	12.5	1	1			100	1	2	10.5
EB, 2925' E OF BESS HOLLOW RD	39.29368889	-90.70676389	125	50	12.5	1	1			125	1	2	10.5
EB, SN 007-2421	39.29494455	-90.6503647	615	500	25	2				500	2	8	21
EB, 5265' E OF BESS HOLLOW RD	39.29571877	-90.64791096	325	225		2				325	2	5	21
WB, SN 007-2418	39.29681111	-90.63331944	100			2				100	2	2	21
WB, SN 007-2418	39.29693387	-90.63271837	100	25	12.5	1	1			100	1	2	10.5
GREENE COUNTY													
US 67													
NB, 410' S OF CLARK AVE	39.44702434	-90.39818146	100	37.5		1	1			50	1	2	10.5
JERSEY COUNTY													
US 67													
SB, 50' N OF HILLTOP LN	39.02517118	-90.25222248	700	600		2				600	2	9	21
NB, 355' N OF HILLTOP LN	39.02591123	-90.25263575	425	325		2				425	2	6	21
NB, 40' N OF BURCH RD	39.03143471	-90.25575119	587	525		1	1			537	1	8	10.5
SB, 15' N OF BURCH RD	39.03300348	-90.25666079	737	637.5		2				650	2	10	21
MONROE COUNTY													
IL-3													
NB OFF RAMP, 390' S OF PALMER RD	38.46172679	-90.22214348	188	100		1		1	15.6	193	1	3	10.5
SB ON RAMP RT, 60' S OF PALMER RD	38.46278728	-90.22449144	163	75		1		1	15.6	168	1	3	10.5
SB ON RAMP LT, 60' S OF PALMER RD	38.46281397	-90.22432043	163	75		1		1	15.6	168	1	3	10.5
CLINTON COUNTY													
US 50													
EB, SN 014-0058	38.6211802	-89.48673112	312	225		1		1	15.6	168	1	4	10.5
WB, SN 014-0058	38.62138749	-89.48653233	217	125		1		1	15.6	169	1	3	10.5
EB, SN 014-0058	38.62284463	-89.48095118	242	150		1		1	15.6	170	1	4	10.5
WB, SN 014-0058	38.62302495	-89.48092018	287	200		1		1	15.6	171	1	4	10.5
EB, SN 014-0066 RT	38.6217573	-89.52704908	274	187.5		1		1	15.6	172	1	4	10.5
WB, SN 014-0067 RT	38.6220705	-89.52454117	277	187.5		1		1	15.6	173	1	4	10.5
SUBTOTAL													
				4375	62.5	30	5	9	140.4	5327	30	93	315

GUARDRAIL SCHEDULE													
LOCATION	COORDINATES		LENGTH FOOT	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	STEEL PLATE BEAM, ATTACHED TO STRUCTURES	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL)	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 6	CONCRETE CURB, TYPE B	GUARDRAIL REMOVAL	TERMINAL MARKER - DIRECT APPLIED	GUARDRAIL REFLECTORS, TYPE A	FURNISHED EXCAVATION
	LATITUDE	LONGITUDE		FOOT	FOOT	FOOT	EACH	EACH	EACH	FOOT	FOOT	EACH	EACH
RANDOLPH COUNTY													
IL 154													
EB, 1530' E OF EDEN RD	38.110542	-89.66224751	100	37.5		1	1			50	1	2	10.5
WB, 300' E OF FLAMINGO DR	38.09943447	-89.62291466	400	300		2				400	2	5	21
EB, 300' E OF FLAMINGO DR	38.09934565	-89.62292958	400	300		2				400	2	5	21
IL-3													
NB, SN 079-0043	38.21184809	-90.00483796	93.75			1		1	15.6	57	1	2	10.5
NB, SN 079-0043	38.21185941	-90.00547643	100	12.5		1		1	15.6	57	1	2	10.5
SB, SN 079-0043	38.2117477	-90.00487658	137	50		1		1	15.6	50	1	2	10.5
SB, SN 079-0043	38.21176275	-90.00552044	100	12.5		1		1	15.6	60	1	2	10.5
NB, SN 079-2414	38.12751752	-89.99367846	325	187.5	37.5	2				325	2	5	21
NB, SN 079-2415	38.11705712	-89.98239376	175	62.5	12.5	2				175	2	3	21
SB, SN 079-2415	38.11699696	-89.98247513	175	62.5	12.5	2				175	2	3	21
SB, SN 079-2416	38.11111522	-89.9742252	200	75	25	2				200	2	3	21
NB, SN 079-2416	38.1111479	-89.97408866	200	75	25	2				200	2	3	21
SB, 1250' E OF MARIGOLD RD	38.1098818	-89.97184992	225	100	25	2				225	2	3	21
NB, 1250' E OF MARIGOLD RD	38.10994119	-89.97177626	225	100	25	2				225	2	3	21
SB, SN 079-2417	38.10903421	-89.97026394	325	187.5	37.5	2				325	2	5	21
NB, SN 079-2417	38.10901015	-89.96996975	325	187.5	37.5	2				325	2	5	21
SB, 2325' E OF MARIGOLD RD	38.10825925	-89.96874014	205	100	12.5	2				205	2	3	21
NB, 2325' E OF MARIGOLD RD	38.10833461	-89.96867385	205	100	12.5	2				205	2	3	21
NB, 150' W OF OPDYKE ST	37.89495645	-89.80465399	300	200		2				300	2	4	21
SB, 925' W OF OAK TERRACE DR	37.89329805	-89.80285384	325	225		2				325	2	5	21
SB, 445' W OF OAK TERRACE DR	37.89220405	-89.80191824	181	87.5		2				181	2	3	21
SB, 2905' W OF WATER ST	37.88913571	-89.79489978	450	350		2				350	2	6	21
SB, 2320' W OF WATER ST	37.88893503	-89.79292903	262	162.5		2				150	2	4	21
SB, 335' W OF PLEASANT RIDGE RD	37.87773905	-89.77215147	458	362.5		2				458	2	6	21
NB, 5170' W OF GUN CLUB RD	37.83405206	-89.68731527	287	225		1	1			100	1	4	10.5
SUBTOTAL				3562.5	262.5	44	2	4	62.4	5523	44	91	462
TOTAL				7937.5	325	74	7	13	203	10850	74	184	777