FOR INDEX OF SHEETS, SEE SHEET NO. 2

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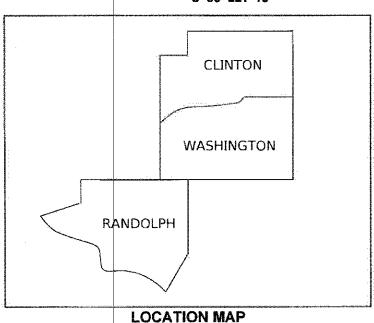
# STATE OF ILLINOIS

## **DEPARTMENT OF TRANSPORTATION**

# PROPOSED HIGHWAY PLANS

VARIOUS ROUTES
SECTION DIST 8 GUARDRAIL 2018-4
PROJECT HSIP-QL4M(129)
GUARDRAIL TERMINAL REPLACEMENT
VARIOUS COUNTIES

C-98-221-18



PLANS PREPARED BY

HORNER SHIFRIN COM

504 Pierce Boulevard, Suite 300 × O'Fallon, Illinois 62269 Phone: (618) 622-3040

Illinois Professional Design Firm No. 184-000435 License Expires 4/30/2019

GROSS LENGTH = x.xx FT. = x.xxx MILE

NET LENGTH = x.xx FT. = x.xxx MILE

Breen D Sold 1/30/1

icense Expires 11/30/2019

VARIOUS
VARIOUS

VARIOUS

O DIST 8 GUARDRAIL 2018-4

TOTAL SHEETS NO
TOTAL SHE

\*\*\* CLINTON RANDOLPH WASHINGTON

D-98-056-18



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED

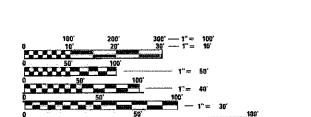
20 / 8

REGIONAL ENGINEER

AGGINEER OF BESIGN AND SAURONMENT

DIRECTOR OF HIGHWAYS PROJECT MAPLEMENTATION

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS



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
PROJECT MANAGER: JON DINTELMAN (618) 346-3185

**CONTRACT NO. 76L06** 

## **COMMITMENTS** NONE

#### **INDEX OF SHEETS**

- COVER SHEET
- INDEX OF SHEETS, HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- SUMMARY OF QUANTITIES
- SCHEDULES
- UTILITY INFORMATION
- GUARDRAIL DETAILS

#### **IDOT HIGHWAY STANDARDS**

000001-06	631011-10	701006-05
001006	631026-06	701101-05
630001-12	631031-15	701201-04
630106-02	635001-02	701901-07
630301-08	701001-02	

### **GENERAL NOTES**

- 1. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 2. NO MATERIAL SHALL BE LEFT ON OR NEAR ROADWAY DURING NON-WORKING HOURS.
- 3. ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR; APPROPRIATE STANDARDS ARE LISTED IN THE PLANS AND CONTRACT DOCUMENTS.
- 4. PRIOR TO ORDERING ANY MATERIALS, THE CONTRACTOR SHALL CONFIRM THE TYPES AND SPECIFIC MANUFACTURER FOR THE GUARDRAIL.
- 5. ILLINOIS STATE LAW REQUIRES A 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAYBE OBTAINED BY CONTACTING J. U. L. I. E. (PHONE 800-892-0123) OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY.
- 6. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS ARE NOT REQUIRED. IF FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
- 7. THE DEPARTMENT STRONGLY ENCOURAGES THE PRIME CONTRACTOR AND THE 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 THE HIGHWAY CONTRUCTION-RELATED SKILLS, E.G., MATH FOR TRADES, JOB READINESS, TECHNICAL SKILLS COURSE WORK, (CARPENTRY, CONCRETE FLAT WORK, BLUEPRINT READING, SITE PLANS, SITE WORK, TOOLS USE, ECT.) 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 THE OR THE HCCTP COORDINATOR AT 618-874-6528 TO LEARN MORE ABOUT THE PROGRAM AND FOR ASSISTANCE IN MEETING WORK FORCE AND TRAINEE GOALS.
- 8. A QUANTITY OF 210 CUBIC YARDS OF FURNISHED EXCAVATION HAS BEEN INCLUDED IN THE PLANS. THIS QUANTITY IS TO ADDRESS WIDENING AREAS AT PROPOSED TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) LOCATIONS.
- 9. A QUANTITY OF 95.4 TONS OF AGGREGATE SHOULDER TYPE B HAS BEEN INCLUDED IN THE PLANS. THIS QUANTITY IS TO ADDRESS LOW SPOTS IN THE EXISTING AGGREGATE SHOULDERS AND USE SHALL BE DIRECTED BY THE ENGINEER.
- 10. ALL DISTURBED EMBANKMENT AREA 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 PRICE BID FOR THE ITEM OF WORK INITIATING THE DISTURBANCE.
- 11. REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS WILL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME. THE COST OF PERFORMING THIS WORK SHALL BE INCLUDED IN THE PRICE BID FOR THE APPLICABLE PAY TRAFFIC CONTROL PAY ITEM.

USER NAME = PWICS\$	DESIGNED -	REVISED -	
	DRAWN -	REVISED -	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	
PLOT DATE = 1/29/2018	DATE -	REVISED -	

STATE OF ILLINOIS **DEPARTMENT OF TRANSPORTATION** 

SCALE:

INDEX OF	SHEETS,	HIGHW	AY STA	NDARDS,		F.A.* RTE.	
GENERAL	NOTES	AND (	OMMIT	MENTS		**	DIST
GLITLIAL	NOILS	AILD C	OIVIIVIII	WILITIS		ļ	
CLIEFT 1	OE 1	сысстс	CTA	TO	CTA		

\*\*\* CLINTON RANDOLPH WASHINGTO

SUMMARY OF QUANTITIES								
	SUMMARY OF QUANTITIE	. 3		90% FED 10% STATE SAFETY				
ODE NO	ITEM	UNIT	TOTAL	0021 RURAL				
	CUDATORED EXCAVATION	CU YD	210	210				
20400800	FURNISHED EXCAVATION	100 10	210	210				
48101200	AGGREGATE SHOULDERS, TYPE B	TON	95. 40	95. 40				
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A. 6 FOOT POSTS	FOOT	563	563				
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1750	1750				
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	225	225				
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	43. 75	43. 75				
63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	100.00	100.00				
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2				
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	2	2				
	TOUGHE DARRIED TERMINAL TYPE CO	EACH	2	2				
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	2	<u> </u>				
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	24	24				
63200310	GUARDRAIL REMOVAL	FOOT	3926	3926				
67100100	MOBILIZATION	L SUM	1	1				

		<b>-</b> -		CONSTRUCTION
	SUMMARY OF QUANTITI	E 2		90% FED 10% STATE
				SAFETY
CODE NO	ITEM	UNIT	TOTAL	0021 RURAL
				RORAL
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	24	24
78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	65	65
20076600	TRAINEES	Hour	500	500
FOOTIAL-OU	TRAINEES TRAINING PROGRAM GRADUATE	HOUR	500	500
20010004	IMMELS IMMINIST PROBABLIST		500	300
				-:-

SPECIALTY ITEM

DESIGNED -REVISED -USER NAME - PWICSS DRAWN -REVISED PLOT SCALE = 100.0000 ' / in, CHECKED -REVISED PLOT DATE = 1/29/2018 DATE -REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

\$ 0042

SUMMARY OF QUANTITIES SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

COUNTY TOTAL SHEETS NO.

IARDRAIL 2018-4 \*\*\* 7 3

CONTRACT NO. 76L06

ILLINOIS FED. AID PROJECT

\*\*\*\* CLINTON P.\*\*\*\*\* F.A. SECTION

DIST 8 GUARDRAIL 2018-4

CONSTRUCTION CODE

cation	Company	Address	Туре	Member JULII	E Aeria I	Bur
1		400' E, 300' W of Lake Branch Creek				
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	Х	
	Village of Aviston	149 S Page Street, P.O. Box 139, Aviston, IL 62216	Sew/Wat	Yes		
	St Rose Public Water District	17717 St Rose Road, Breese, IL 62230	Sew/Wat	Yes		
2		W of Shattuc Rd				
	Clinton County Electric Coop	475 North Main Street, P.O. Box 188, Carlyle, IL 62231	Electric	Yes	Х	
	Clinton County East Public Water District	1537 Walnut Hill Rd, Centralia, IL 62801	Water	Yes		
	Frontier Communications (South)	111 E. State St, Mascoutah IL, 62258	Communications	Yes	X	
3		W of Lost Creek				
	Clinton County East Public Water District	1537 Walnut Hill Rd, Centralia, IL 62801	Water	Yes		
	Frontier Communications (South)	111 E. State St. Mascoutah IL, 62258	Communications	Yes	Х	
	Ameren Illinois	1050 W Boulevard, Belleville, IL 62221	Gas & Electric	Yes	X	_
	Windstream KDL Inc.	3701 Communications Way, Evansville, IN 47715	Communications	Yes	X	
	Kinder Morgan	7501 Huey Road, Centralia, IL 62801	Pipeline	Yes	^	
	KITIOGI MOI GGIT	1301 11009 11000, 661111 0110, 12 02001	1 10011110	100		
4		S of 9791 IL 3				
	Ameren Illinois	1050 W Boulevard, Belleville, IL 62221	Gas & Electric	Yes	Х	
	City of Red Bud	200 E. Market Street, Red Bud, IL 62278	Electric/Gas	Yes	Х	
	City of Red Bud	200 E. Market Street, Red Bud, IL 62278	Sewer/Water	Yes		
	Harrisonville Telephone Co	213 S. Main St, P.O. Box 149, Waterloo, IL 62298	Communications	Yes	Х	
5		IL 127, S of Connecticut Rd				
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	Х	
	AT&T Corporation	866 Rock Creek Road, Plano, IL 60545-9571	Communications	Yes	X	
	Tri-County Electric Coop	3906 West Broadway P.O. Box, Mt Vernon, IL 62864	Electric	Yes	X	
	Washington County Water Co	17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Water	Yes		_
6		IL 127, N of Mississippi Rd				
0	ATO T ILLicaia		Communications	Vaa	V	1
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	X	
	AT&T Corporation	866 Rock Creek Road, Plano, IL 60545-9571	Communications	Yes	X	
	Tri-County Electric Coop Washington County Water Co	3906 West Broadway P.O. Box, Mt Vernon, IL 62864 17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Electric Water	Yes	X	
	washington county water co	17575 Connecticut Road P. O. Box 284, Nashville, IL 62265	water	res		
7		IL 127, S of Mississippi Rd				
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	Х	
	AT&T Corporation	866 Rock Creek Road, Plano, IL 60545-9571	Communications	Yes	Х	
	Tri-County Electric Coop	3906 West Broadway P.O. Box, Mt Vernon, IL 62864	Electric	Yes	Х	
	Washington County Water Co	17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Water	Yes		
8	ATO T ILLIA-I-	IL 127, N of Locust Creek Rd	0	V	l v	
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	X	
	Tri-County Electric Coop	3906 West Broadway P.O. Box, Mt Vernon, IL 62864	Electric	Yes	X	
	Washington County Water Co	17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Water	Yes		
9		IL 127, S of Pierce Rd			I.	
	AT&T Illinois	3526 State Route 161, Centralia, IL 62801	Communications	Yes	Х	
	Tri-County Electric Coop	3906 West Broadway P.O. Box, Mt Vernon, IL 62864	Electric	Yes	X	
	Washington County Water Co	17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Water	Yes		
	Egyptian Telephone Coop. Assn.	1010 West Broadway, P.O. Box158, Steeleville, IL 62288-0158	Communications	Yes	Х	
10	T. 1. 0	IL 127, N of Oakdale Blacktop Rd				
	Tri-County Electric Coop	3906 West Broadway P.O. Box, Mt Vernon, IL 62864	Electric	Yes	Х	-
		17575 Connecticut Road P.O. Box 284, Nashville, IL 62263	Water	Yes	I	1
	Washington County Water Co Egyptian Telephone Coop. Assn.	1010 West Broadway, P.O. Box158, Steeleville, IL 62288-0158	Communications	Yes	Х	

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PLOT DATE = 1/29/2018	DATE -	REVISED -	

SCALE:

UTILITY INFORMATION								SEC	TION		COUNTY	TOTAL SHEETS	SHEET NO.
							**	DIST 8 GUAR	DRAIL 2	018-4	***	7	5
											CONTRACT	NO. 7	5L06
SHEET	1	OF	1	SHEETS	STA.	TO STA.			ILLINOIS	FED. AI	ID PROJECT		
							* VARI	OUS		*** CL	INTON RANDOL	.PH WASI	HINGTON

						GU.	ARDRAIL S	CHEDULE										
LOCATION NUMBER	COUNTY	ROUTE	LOCATION	LATITUDE	L ONG I TUDE	GUARDRAIL REMOVAL			LONG-SPAN GUARDRAIL OVEF CULVERT, 12 FT 6 IN SPAN	LONG-SPAN GUARDRAIL OVER GUARDRAIL ( CULVERT, 18 FT 9 IN SPAN	VER TERMINAL	TRAFFIC BARRIER TERMINAL TYPE 2	TRAFFIC BARRIER TERMINAL TYPE 5A	TRAFFIC BARRIER TERMINAL TYPE 6B	FURNISHED EXCAVATION	CHAIR DEDC	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
						FOOT	FOOT	FOOT	FOOT	FOOT FOOT	EACH	EACH	EACH	EACH	CU YD	TON	EACH	EACH
,	CLINTON	US ROUTE 50	300' W OF LAKE BRANCH CREEK	38.61507721	-89.58566849	287.50	187.5				1			1	10.5	14.2	4	1
1	CLINION	d3 ROUTE 30	400' E OF LAKE BRANCH CREEK	38.61517713	-89. 58323465	287.50	187.5				1			1	10.5	14.2	4	1
2	CLINTON	US ROUTE 50	2600' W OF SHATTUC ROAD (SOUTH SIDE)	38.61565336	-89. 2068973	150.00		50.0	37.5		2				21.0	3. 8	4	2
2	CLINION	US ROUTE SO	2500' W OF SHATTUC ROAD (NORTH SIDE)	38.6156367	-89. 20641425	150.00		50.0	37.5		2				21.0	3.8	4	2
3	CLINTON	US ROUTE 50	200' W OF LOST CREEK	38.61534587	-89.19297144	125.00		25.0		43. 75	2				21.0	3.0	4	2
	DANIDOL DU	IL ROUTE 3	NE SIDE OF IL-3, 115' S OF #9791	38. 16395995	-89. 99753459	138.25		87.5			1		1				4	1
4	RANDOLPH	IT KOOLF 2	SE SIDE OF IL-3, 600' S of #9791	38.162708	-89.99789484	188. 25		137.5			1		1				4	1
	WASHINGTON	IL ROUTE 127	S SIDE OF IL-127, 750' S OF CONNECTICUT ROAD	38. 31423287	-89. 3807135	300.00		200.0			2				21.0	7. 4	4	2
ס	WASHINGTON	IL ROUTE 121	SW SIDE OF IL-127, 1500' S OF CONNECTICUT ROAD	38. 31347628	-89. 38087592	175.00		112.5			1	1			10.5	4.4	4	1
C	WASHINGTON	IL ROUTE 127	SE SIDE OF IL-127, O'N OF MISSISSIPPI ROAD	38. 29881565	-89. 38057449	387.50		250.0	37.5		2				21.0	9. 6	5	2
ь	WASHINGTON	IL ROUTE 121	SW SIDE OF IL-127, O'N OF MISSISSIPPI ROAD	38. 29873919	-89. 38073765	450.00		287.5	37.5		2				21.0	11.2	6	2
7	WASHINGTON	IL ROUTE 127	SE SIDE OF IL-127, 1500' N OF LOCUST CREEK ROAD	38. 26843766	-89. 38030615	325.00	187.5		37.5		2				10.5		5	2
8	WASHINGTON	IL ROUTE 127	SE SIDE OF IL-127, 1250' S OF PIERCE ROAD	38. 24752566	-89. 38010829	312.25		175.0	37.5		2				10.5	7.8	4	2
0	WACHINGTON	II DOUTE 107	NE SIDE OF IL-127, 9000' N OF OAKDALE BLACKTOP ROAD	38. 2420025	-89. 38008697	300.00		175.0		50.0	1	1			10.5	7. 4	4	1
9	WASHINGTON	IL ROUTE 127	NW SIDE OF IL-127, 9000' N OF OAKDALE BLACKTOP ROAD	38. 24218741	-89. 38023302	350.00		200.0		50.0	2				21.0	8.6	5	2
-					TOTAL	3927	562.5	1750.0	225.0	43.75 100.00	24	2	2	2	210.0	95.4	65	24

TRAFFIC CONTROL SCHEDULE									
LOCATION	TRAF	FIC CONT	ROL STAN	DARD					
NUMBER	701001	701006	701101	701201					
1	Х	Х	Х	Х					
2	Х	Х	Х	X					
3	Х	X	Х	X					
4	Х	Х	Х	X					
5	Х	Х	Х	X					
6	Х	Х	Х	X					
7	Х	Х	Х	X					
8	X X X								
9	X	Х	X	X					

 USER NAME
 = PWICSS
 DESIGNED
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 REVISED

 PLOT SCALE
 = 100,0000 \(^1\) in,
 CHECKED
 REVISED

 PLOT DATE
 = 1/29/2018
 DATE
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

