

INDEX OF SHEETS

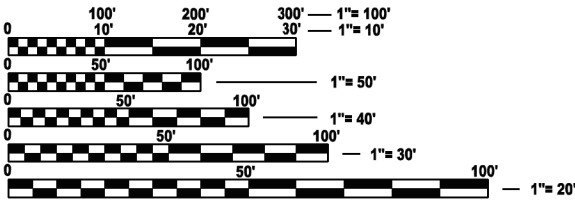
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3-4	SUMMARY OF QUANTITIES
5	SCHEDULE OF QUANTITIES
6	TYPICAL SECTIONS
7	PLAN & PROFILE
8-10	PROPOSED CULVERT PLANS
11	DETOUR PLAN
12	CROSS SECTIONS

HIGHWAY STANDARDS

000001-08	STD SYMBOLS, ABBREVIATIONS, & PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-10	PAVEMENT JOINTS
420101-07	24' JOINTED PCC PAVEMENT
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
515001-04	NAME PLATES FOR BRIDGES
701901-10	TRAFFIC CONTROL DEVICES
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 22-7	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS (2L2W - ROAD CLOSED TO THRU TRAFFIC)
630101-11	STRONG POST ATTACHED TO CULVERT

UTILITIES

FRONTIER COMMUNICATIONS
CLEARWAVE COMMUNICATIONS
LIBERTY UTILITIES
FORT MASSAC WATER DISTRICT
AMEREN ILLINOIS
CITY OF METROPOLIS
XFINITY CABLE



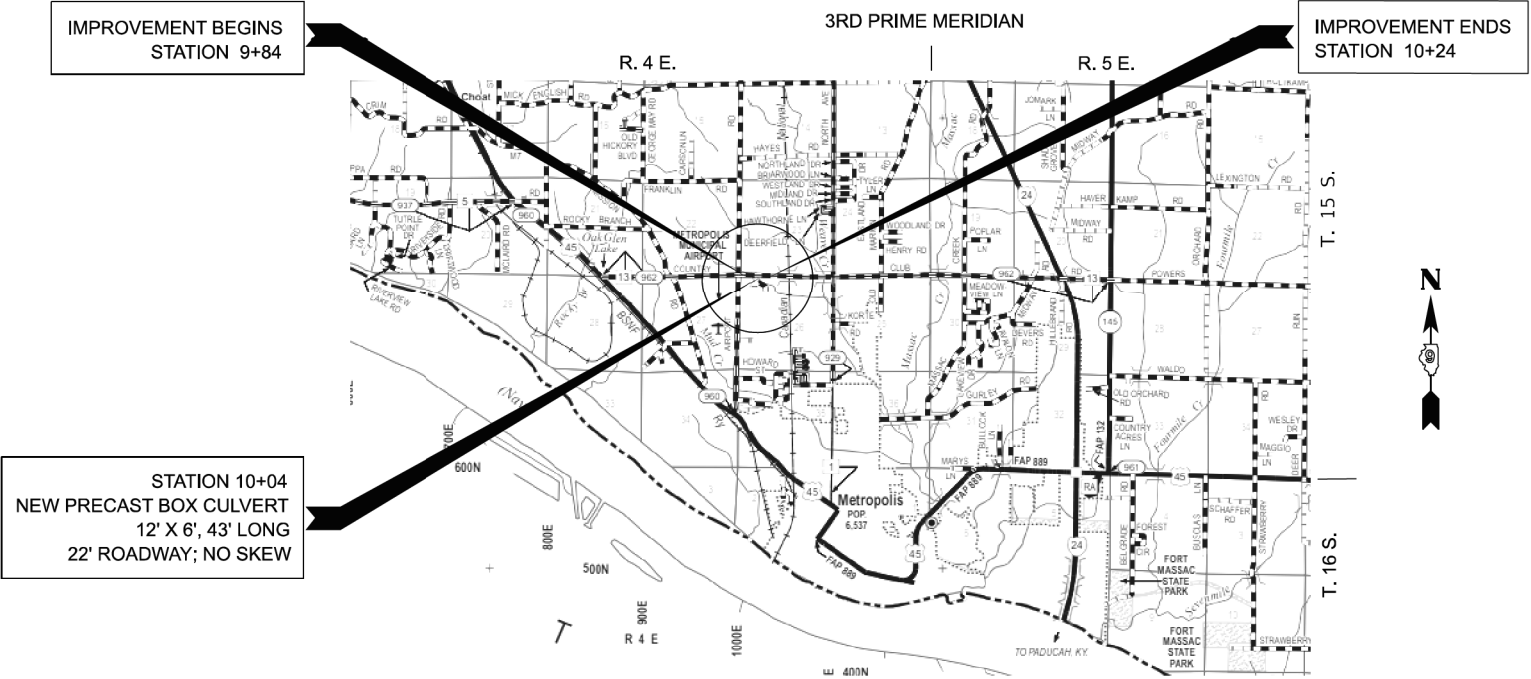
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

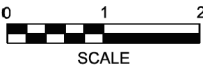
COUNTY ENGINEER: **BRAD WATSON**
2736 NORTH AVENUE
METROPOLIS, IL 62960
618-524-5227

CONTRACT NO.: 99745

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
PLANS FOR PROPOSED
SURFACE TRANSPORTATION PROGRAM
OFF SYSTEM BRIDGE
PROJECT V2QJ(332)
FAS 962 (COUNTRY CLUB ROAD)
SECTION 23-00110-00-DR
MASSAC COUNTY
C-99-059-24



LOCATION MAP



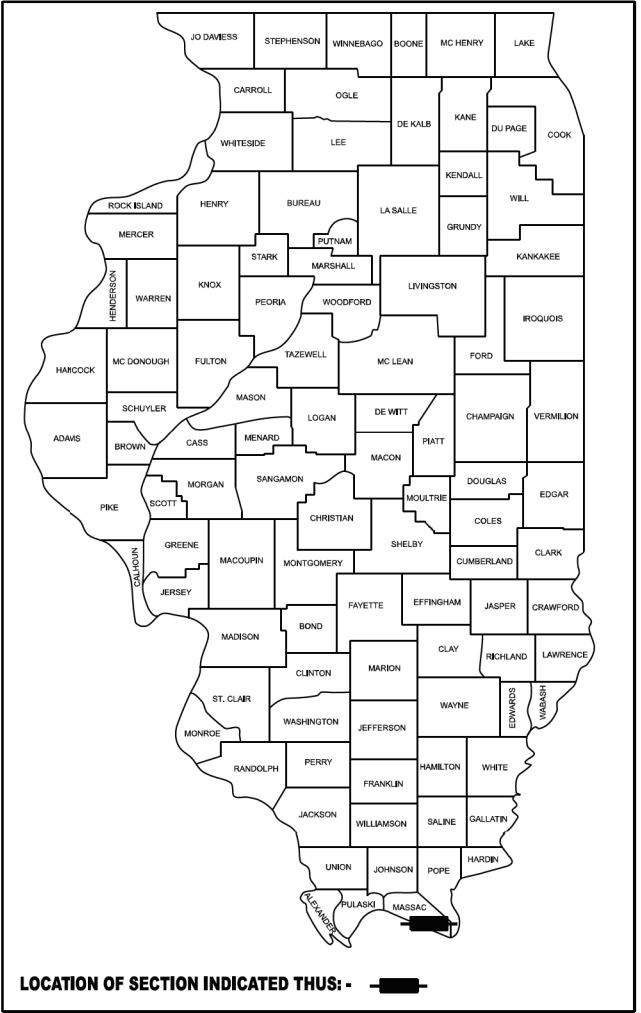
GROSS LENGTH = 40 FT. = 0.0076 MILE
NET LENGTH = 40 FT. = 0.0076 MILE



Expires: 11-30-25

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
962	23-00110-00-DR	MASSAC	12	1
		ILLINOIS	CONTRACT NO. 99745	

09/04/2025



FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED: 40 MPH
DESIGN TRAFFIC: 2290 (2040)



Marion, IL Office
403 North Court Street, Marion, IL 62959
618-997-9190 / BFWengineers.com

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MASSAC COUNTY HIGHWAY DEPARTMENT	
APPROVED	<i>April 29th 2025</i> <i>Brad Watson</i> COUNTY ENGINEER
	<i>May 16 2025</i> <i>[Signature]</i> DISTRICT NINE ENGINEER OF LOCAL ROADS & STREETS
	<i>May 16 2025</i> <i>[Signature]</i> DEPUTY DIRECTOR OF HIGHWAYS REGION FIVE ENGINEER

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* SPECIALTY ITEM

				CONSTR. CODE
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	NONE
				0004
				S.N.
51500100	NAME PLATES	EACH	1	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2	2
54011206	PRECAST CONCRETE BOX CULVERTS 12' X 6'	FOOT	36	36
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	438	438
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2
67100100	MOBILIZATION	L SUM	1	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	150	150
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2	2
* 78200006	GUARDRAIL REFLECTORS, TYPE B	EACH	10	10
X5810103	MEMBRANE WATERPROOFING SYSTEM FOR BURIED STRUCTURES	SQ YD	118	118
* X6300155	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES (SPECIAL)	FOOT	48	48
630000030	STRONG POST GUARDRAIL, ATTACHED TO CULVERT	FOOT	48	48
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	35	35
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1

	USER NAME = gsmothers	DESIGNED -	REVISED - 09/04/2025	STATE OF ILLINOIS MASSAC COUNTY HIGHWAY DEPARTMENT	COUNTRY CLUB ROAD SUMMARY OF QUANTITIES			F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					962	23-00110-00-DR	MASSAC	12	4
	PLOT SCALE = 100,000' / in.	CHECKED -	REVISED -					CONTRACT NO. 99745				
	PLOT DATE = 10/15/2024	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET	OF	SHEETS	STA.	TO STA.		

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PAVEMENT

LOCATION STATION TO STATION	DESC.	AGGREGATE BASE COURSE, TYPE A	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	WELDED WIRE REINFORCEMENT	PAVEMENT REMOVAL	SAW CUTS	AGGREGATE SHOULDERS, TYPE A, 6"	PROTECTIVE COAT
		35100100	42000501	42000050	44000100	44213200	48100500	48301000
		TON	SQ YD	SQ YD	SQ YD	FOOT	SQ YD	SQ YD
9+84.00	TO 10+24.00	35	123	123	123	44	45	123
TOTAL		35	123	123	123	44	45	123

EROSION CONTROL

LOCATION/ STATION	RT/LT	SEEDING, CLASS 2	EROSION CONTROL BLANKET	PERMIMETER EROSION CONTROL BARRIER	STONE DUMPED RIP RAP CL A4
		25000210	25100630	28000400	28100107
		ACRE	SQ YD	FOOT	TON
MASSAC COUNTY					
C.H. 8					
9+75 TO 10+04	LT	0.025	34.00	35	
9+75 TO 10+04	RT	0.025	34.00	35	
9+95 TO 10+15	LT & RT				200
10+00 TO 10+35	LT	0.025	34.00	40	
10+00 TO 10+35	RT	0.025	34.00	40	
TOTALS		0.10	136	150	200

GUARDRAIL

LOCATION STATION TO STATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS 63000001	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167	GUARDRAIL REFLECTORS, TYPE B 78200006	TERMINAL MARKER - DIRECT APPLIED 72501000	STRONG POST GUARDRAIL, ATTACHED TO CULVERT 63000030	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725
		FOOT	EACH	EACH	EACH	FOOT	EACH
		MASSAC COUNTY					
C.H. 13							
8+53 TO 12+17	LT	263.0	2	6	2	24	
8+89 TO 10+90	RT	175.0		4		24	35
TOTAL		438.0	2.0	10.0	2.0	48.0	35.0

PAVEMENT MARKINGS

LOCATION STATION TO STATION	DESCRIPTION	PAINT PAVEMENT MARKING - LINE 4 WHITE 78001110	PAINT PAVEMENT MARKING - LINE 4 YELLOW 78001110	RAISED REFLECTIVE PAVEMENT MARKERS 78100100
		FOOT	FOOT	EACH
MASSAC COUNTY				
C.H. 13				
9+80 TO 10+30		100	50	2
TOTAL		100	50	2

STATE OF ILLINOIS
MASSAC COUNTY HIGHWAY DEPARTMENT

COUNTRY CLUB ROAD
SCHEDULES OF QUANTITIES

F.A.S RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
962	23-00110-00-DR	MASSAC	12	5
CONTRACT NO. 99745				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.