

FAU ROUTE	SECTION	COUNTY
	4E-6008(156)	ST CLAIR
CONTRACT NO. 97500		ILLINOIS
FEDERAL AID PROJECT		

THOUVENOT,
WADE &
MOERCHEN, INC.
ENGINEERS & SURVEYORS



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STATION	OFFSET (FEET)	TREE REM 6-15 UNIT	TREE REM. OVER 15 UNIT	TREE REM.
				ACRE
30+31.70				0.21
40+37.31	2.55	RT	42	
40+79.81	6.54	LT	44	
49+04.05	3.28	RT	10	
48+14.24	16.14	RT	12	
48+25.14	6.34	RT	12	
51+50.00	5	RT		0.01
TOTAL				0.22

LOCATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE, SHORTAGE(-)
	CU YD	CU YD	CU YD	CU YD
27+35.19 TO 52+56.68	385.00	288.75	2,586.75	-2,298.00
TOTAL				-2,298.00

LOCATION (STATION)	AGG BASE COURSE T-A, 6" (SQ YD)	AGG SURFACE COURSE T-A, 6" (SQ YD)	BITUMINOUS MATERIAL PRIME COAT (GALLON)	INCIDENTAL HOT-MIX ASPHALT SURFACING (TON)	DRIVEWAY PAVEMENT REMOVAL (SQ YD)	PCC DRIVEWAY PAVT. - 6" (SQ YD)	AGGREGATE FOR TEMPORARY ACCESS (TON)
33+60.01	L/R	16.95	96.78			16.95	
35+39.96	L	7.97		2.99	0.89		8.86
36+11.10	L/R	9.15		3.43	1.02	15.73	23.23
37+46.07	L/R			67.04	20.02	15.35	22.08
37+72.35	L/R	178.77				14.96	28.41
39+69.80	L/R	12.21		4.58	1.37	13.80	22.96
TOTAL				225	97	60	115

LOCATION	INLET AND PIPE PROTECTION	PERIMETER EROSION BARRIER	EROSION CONTROL BLANKET	RR-3 RIP RAP	RR-4 RIP RAP	FILTER FABRIC			
							EACH	FEET	SQ YD.
29+74.00	34.56 L	30+63.63	33.80 L						
29+76.93	36.00 R	30+62.46	30.91 R						
30+29.56	37.79 L	30+99.74	16.91 L						
30+29.56	27.10 R	31+00.01	21.62 R						
30+62.32	0.00	30+90.96	0.00		155	155			
31+22.46	0.00	31+62.79	19.21 R						
31+22.46	0.00	35+31.39	9.90 L						
31+27.00	0.00	31+53.85	0.00		70	70			
31+40.02	15.19 L								
31+53.49	4.00 L	33+10.04	4.00 L			250			
34+14.59	23.94 L								
35+51.28	8.91 L	35+98.79	11.52 L			48			
39+54.87	6.30 R	41+06.54	4.48 R			140			
40+91.59	9.76 L								
41+39.94	7.10 R	42+63.14	7.02 R			138			
43+13.04	14.79 R	48+92.97	15.87 R			568			
48+00.00	14.00 L								
48+00.00	14.00 R								
48+00.00	11.00 R	48+00.00	25.00 R			7.00			
48+00.00	10.00 L	48+00.00	20.00 L			5.54			
49+18.01	18.25 R	52+56.68	4.00 R						
TOTAL				5	1,840	792	43	225	238

STATION	TO	STATION	AGGREGATE BASE COURSE, TYPE-A 6"	BITUMINOUS MATERIALS PRIME COAT	HMA SURFACE COURSE MIX C, N70
			SQ YD	GALLON	TON
27+35.19	TO	30+54.64	354.06	133.11	31.80
31+61.19	TO	36+01.66	483.41	183.53	37.61
36+20.81	TO	37+36.72	128.79	48.30	11.54
37+54.68	TO	37+62.87	9.68	3.71	0.80
37+80.60	TO	38+59.58	87.76	32.91	7.86
39+54.87	TO	39+62.08	9.01	3.38	0.72
39+76.45	TO	40+09.84	125.77	47.16	11.27
41+48.27	TO	42+77.24	146.53	54.95	13.04
46+17.97	TO	46+86.85	299.75	112.41	26.77
49+23.97	TO	52+56.68	370.80	139.05	33.13
TOTAL			2,023	768	176

FROM STATION	OFFSET (FEET)	TO STATION	OFFSET (FEET)	SIZE AND LENGTH OF PIPE (FEET)				TRENCH BACKFILL (CU YD)
				12" PIPE CULVERT CL. D. TY 1	12" CL. A. TY 1	18" CL. A. TY 2	12" REMOVAL	
31+41.71	16.27 L	33+19.03	18.74 L			100		
33+19.03	18.74 L	34+12.43	23.94 L			94		
40+52.74	10.35 R	40+91.59	9.76 L		44			23.00
46+52.74	10.35 R	40+85.18	0.00 L					35
48+00.00	18.00 R	48+00.00	14.00 L	29				3.00
TOTAL				29	44	194	35	26

LOCATION	TO	LOCATION	CHAIN LINK FENCE (SPECIAL)	CHAIN LINK FENCE (REMOVAL)	SEGMENTAL CONCRETE BLOCK WALL	WOOD POST AND RAIL FENCE	PIPE BOLLARD	REMOVABLE PIPE BOLLARD
			FEET	FEET	SQ. FT.	FEET	EACH	EACH
29+29.27	7.00	L TO 30+51.48	7.00	L				47
29+97.27	7.00	R TO 30+61.88	7.00	R				62
31+65.57	7.00	L TO 32+58.37	7.00	L				27
36+25.82	5.06	R TO 37+29.71	5.00	R				205.83
37+87.16	4.75	L TO 38+59.58	4.75	L				231.04
38+60.09								2
39+60.66								2
40+89.64								2
41+50.27								2
42+69.99								2
43+31.72	18.13	R TO 46+36.60	6.00	R				89
45+33.20	20.42	R TO 46+04.64	14.21	R				172.49
46+21.97								2
48+53.64	6.05	R TO 48+54.22	6.00	L				14
48+82.72								2
49+32.52								2
TOTAL			89	14	609	136	16	8

STRUCTURE LABEL	STATION	OFFSET (FEET)	MH TYPE-A TYPE-1 FRAME AND LID	INLET TYPE A W/ SLVAGED TYPE 8 GRATE	REMOVING INLETS	18" FES	REMOVE EX 18" FES AND REINSTALL
EXFES	31+41.71	16.27 L					1
STRUCTURE #1	33+19.03	18.74 L	1				
FES #1	34+12.43	23.94 L				1	
EX STRUCTURE	40+52.74	10.35 R			1		
STRUCTURE #2	40+91.59	9.76 L		1			
TOTAL							

PROFESSIONAL REGISTRATIONS LICENSE NO.

ILLINOIS PROFESSIONAL DESIGN FIRM 184-001220

PROFESSIONAL ENGINEERING CORP. 82-003370

PROFESSIONAL STRUCTURAL ENGR. CORP. 81-005802

ILLINOIS PROF. LAND SURVEYING CORP. 048-000029

MISSOURI PROFESSIONAL ENGR. CORP. NC 001528

MISSOURI LAND SURVEYING CORP. NC 000346

STATEMENT OF RESPONSIBILITY

I hereby confirm that the document herein to be authenticated by my seal is restricted to this sheet, and I hereby disclaim any responsibility for all other drawings, specifications, estimates, reports or other documents or instruments relating to or intended to be utilized for any other part of the architectural, engineering or survey project.

SCHEDULE OF QUANTITIES

RICHLAND CREEK BIKE TRAIL
PHASE 2B
VILLAGE OF SWANSEA
ST CLAIR COUNTY

REV DATE DESCRIPTION

DRAWN BY: JJV SHEET 3 OF 46

DESIGNED BY: JJV

CHECKED BY: MJK

APPROVED BY: JJV

PROJECT NUMBER: 19100072A

ISSUED FOR REVIEW ISSUED FOR BIDDING ISSUED FOR CONSTRUCTION RECORD DRAWING