

THOUVENOT, WADE & MOERCHEN, INC.
ENGINEERS ♦ SURVEYORS ♦ PLANNERS



CORPORATE OFFICE

4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
TEL (618) 624-4488
FAX (618) 624-6688
info@twm-inc.com

CARBONDALE OFFICE

206 WEST COLLEGE STREET
CARBONDALE, ILLINOIS 62901
TEL (618) 549-8844
FAX (618) 549-8450
info@twm-inc.com

EDWARDSVILLE OFFICE

1015B CENTURY DRIVE
EDWARDSVILLE, ILLINOIS 62025
TEL (618) 656-4040
FAX (618) 656-4343
info@twm-inc.com

ST. CHARLES OFFICE

400 NORTH 5TH ST., SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304
info@twm-inc.com

WATERLOO OFFICE

113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
TEL (618) 939-5050
FAX (618) 939-3938
info@twm-inc.com

PROFESSIONAL REGISTRATIONS	LICENSE NO.
ILLINOIS PROFESSIONAL DESIGN FIRM	184-001220
PROFESSIONAL ENGINEERING CORP.	62-035370
PROFESSIONAL STRUCTURAL ENGR. CORP.	81-005202
ILLINOIS PROF. LAND SURVEYING CORP.	048-000029
MISSOURI PROFESSIONAL ENGR. CORP.	NC 001528
MISSOURI LAND SURVEYING CORP.	NC 000346

SEEDING SCHEDULE										
LOCATION STATION TO STATION				SEEDING CLASS 1 (ACRE)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	MULCH METHOD 2 (ACRE)	TEMP. SEEDING (INCLUDES 2 APPL.) (POUND)	
12+43	TO	16+58	RT	0.03	2.78	2.78	2.78	0.03	3.40	
16+75	TO	18+99	RT	0.07	6.29	6.29	6.29	0.07	7.69	
19+09	TO	26+44	LT	0.13	11.53	11.53	11.53	0.13	14.09	
19+21	TO	23+45	RT	0.09	7.79	7.79	7.79	0.09	9.53	
23+65	TO	24+05	RT	0.01	0.62	0.62	0.62	0.01	0.76	
24+60	TO	28+54	RT	0.07	6.44	6.44	6.44	0.07	7.87	
26+85	TO	29+38	LT	0.09	8.04	8.04	8.04	0.09	9.82	
28+79	TO	32+43	RT	0.03	2.45	2.45	2.45	0.03	2.99	
31+38	TO	32+44	LT	0.01	0.93	0.93	0.93	0.01	1.13	
32+71	TO	33+40	RT	0.01	0.47	0.47	0.47	0.01	0.57	
TOTAL				0.53	47	47	47	0.53	58	
PAY TOTAL				0.5	50	50	50	0.5	60	

TREE REMOVAL				
LOCATION	OFFSET (FEET)		TREE REM.	TREE REM.
			6 TO 15 UNIT	OVER 15 UNIT
17+38	35.85	RT		24
17+44	28.03	RT		24
17+65	28.99	RT	10	
17+79	29.15	RT		24
17+85	26.20	RT		24
18+00	24.01	RT		24
18+10	24.78	RT		24
18+28	24.74	RT		36
18+44	24.32	RT		24
18+49	24.09	RT		24
18+59	23.80	RT		48
19+00	51.36	RT	14	
19+94	25.43	RT		30
20+07	24.57	RT		24
20+08	24.07	RT		30
20+18	23.76	RT	10	
20+19	23.98	RT	10	
20+26	25.41	RT		48
20+32	24.30	RT	8	
20+34	25.95	RT	8	
20+47	23.43	RT		48
20+55	23.84	RT	8	
20+59	25.24	RT	8	
20+63	30.09	RT	6	
20+64	31.52	RT	6	
20+65	24.74	RT	8	
20+70	31.34	RT		48
20+79	23.33	RT		20
20+84	25.78	RT	8	
20+93	27.99	RT		24
20+95	27.96	RT	8	
20+99	26.84	RT	8	
20+99	33.29	RT		48
21+05	28.90	RT	8	
21+10	32.36	RT	8	
28+53	39.25	LT		24
28+74	39.00	LT		24
28+86	40.73	LT		24
29+20	24.38	LT	12	
30+90	23.88	RT	12	
31+23	21.60	RT	12	
TOTAL			172	668

EARTHWORK SCHEDULE						
STATION	TO	STATION	EARTH EXCAVATION	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE	EMBANKMENT	EARTHWORK BALANCE WASTE(+), SHORTAGE (-)
			CU YD	CU YD	CU YD	CU YD
12+42.76	TO	33+40.90	2,612	1,959	199	1,760
TOTAL			2,612	1,959	199	1,760

INLET & PIPE PROTECTION			
STATION	OFFSET		NUMBER OF APPLICATIONS EACH
13+25	15.34	RT	1
14+48	20.56	RT	1
14+51	28.86	RT	1
17+30	21.20	RT	1
21+60	21.20	RT	1
27+18	30.12	RT	1
28+11	33.55	RT	1
28+11	21.03	RT	1
28+20	21.20	LT	1
30+04	21.20	LT	1
21+77	21.70	RT	1
30+83	32.44	LT	1
31+40	31.06	LT	1
33+39	21.22	LT	1
33+39	21.17	RT	1
TOTAL			15

PERIMETER EROSION BARRIER					
STATION	TO	STATION	LENGTH		
					FEET
17+50.00	RT	TO 18+68.46	RT		119
19+01.20	RT	TO 21+50.00	RT		249
21+50.00	RT	TO 22+54.50	RT		105
TOTAL					473

SCHEDULE OF QUANTITIES

FULLERTON ROAD WIDENING VILLAGE OF SWANSEA ST CLAIR COUNTY, ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

PLAN STATUS: **FINAL**

ISSUED FOR REVIEW ISSUED FOR BIDDING
 ISSUED FOR CONSTR. RECORD DRAWING

DRAWN BY: JUV SHEET: **9**
DESIGNED BY: JUV
CHECKED BY: RSD OF 69 SHEETS
APPROVED BY: JUV PROJECT DESCRIPTION:
PROJECT NUMBER: T07050149