

FHW ROUTE	SECTION	COUNTY
9723	09-00123-00-FP	JACKSON
FEDERAL AID PROJECT	ILLINOIS	

CONTRACT NO. 99378

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



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ST. CHARLES, MISSOURI 63301
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- WATERLOO OFFICE**
113 SOUTH MAIN STREET
WATERLOO, ILLINOIS 62298
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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

DRAINAGE STRUCTURES				
LOCATION (STATION, OFFSET)	MANHOLES, TYPE A, 4' DIAMETER TYPE 1 FRAME, CLOSED LID (EACH) 60218400	INLET SPECIAL, TYPE 3, 5' (EACH) 60243300	INLETS, 3'X3' AREA INLET (EACH)	
SOUTH MARION STREET				
10+36.85	41.45 R	1	-	-
10+38.65	27.27 R	1	-	-
10+39.79	17.89 L	-	1	-
10+42.47	33.55 L	-	-	1
10+59.43	17.75 R	-	1	-
10+63.01	26.18 L	1	-	-
12+50.00	17.75 R	-	1	-
12+50.00	17.75 L	-	1	-
15+27.01	17.75 R	-	1	-
15+36.90	18.20 L	-	1	-
TOTAL		3	6	1

TREE REMOVAL		
LOCATION (STATION TO STATION)	TREE REMOVAL OVER 15" (UNIT) 20100210	
SOUTH MARION STREET		
10+27.00	12' LT	16
12+18.00	5' RT	34
12+58.00	15' LT	34
TOTAL		84

REMOVAL									
LOCATION (STATION TO STATION)		PAVEMENT REMOVAL (SQ YD) 44000100	COMB. C&G REMOVAL (FOOT) 44000500	SIDEWALK REMOVAL (SQ FT) 44000600	STORM SEWER REMOVAL 12" (FOOT) 55100500	TRENCH BACKFILL (CU YD) 20800150			
SOUTH MARION STREET									
10+14.89	35.69' LT TO	10+21.03	38.70' RT	-	74.93	-	-	-	-
10+29.27	28.88' LT TO	10+29.27	36.11' RT	-	-	284.18	-	-	-
10+38.00	42' LT TO	10+59.35	18.58' LT	-	-	-	72	-	46
10+80.00	RT TO	11+67.00	RT	46.79	-	-	-	-	-
11+23.35	23.57' LT TO	11+23.35	25.37' RT	-	-	304.5	-	-	-
15+36.58	16.47' RT TO	15+54.24	24.25' RT	-	24.87	-	-	-	-
15+38.61	15.54' LT TO	15+56.47	20.43' LT	-	23.54	-	-	-	-
15+37.00	CL TO	15+55.00	CL	47.17	-	-	-	-	-
15+46.58	14.25' RT TO	15+46.58	37.87' RT	-	-	91.76	-	-	-
15+49.93	33.26' LT TO	15+49.93	11.56' LT	-	-	84.76	-	-	-
15+57.25	38.41' LT TO	15+52.97	40.63' RT	-	79.82	-	-	-	-
TOTAL		94	203	765	72	46			

INLET AND PIPE PROTECTION		
LOCATION (STATION, OFFSET)	INLET & PIPE PROTECTION (EACH) 28000500	
SOUTH MARION STREET		
10+39.79	LT	1
10+42.47	LT	1
10+59.43	RT	1
12+50.00	RT	1
12+50.00	LT	1
15+27.01	RT	1
15+36.90	LT	1
TOTAL		7

PERIMETER EROSION BARRIER					
LOCATION (STATION TO STATION)				PERIMETER EROS. BAR (FOOT) 28000400	
SOUTH MARION STREET					
10+50.00	LT	TO	11+30.00	LT	80
10+50.00	RT	TO	11+83.00	RT	133
14+25.00	RT	TO	15+37.00	RT	112
TOTAL				325	

STORM SEWERS									
LOCATION (STATION TO STATION)		TRENCH BACKFILL (CU YD) 20800150	STORM SEWERS, CLASS A, TYPE 1-12" (FOOT) 550A0050	STORM SEWERS, CLASS A, TYPE 2-12" (FOOT) 550A0340	STORM SEWERS, CLASS A, TYPE 2-15" (FOOT) 550A0360	STORM SEWERS, CLASS A, TYPE 2-24" (FOOT) 550A0410	STORM SEWERS, WATER MAIN QUALITY 12" (FOOT) XX005450		
SOUTH MARION STREET									
10+26.98	39.75 R	TO	10+36.85	41.45 R	-	-	-	8	-
10+36.85	41.45 R	TO	10+38.65	27.27 R	-	-	-	14.5	-
10+38.65	27.27 R	TO	10+39.79	17.89 L	42.5	-	-	45	-
10+38.65	27.27 R	TO	10+59.43	17.75 R	3.3	-	-	-	26
10+39.79	17.89 L	TO	10+42.47	33.55 L	3.2	16	-	-	-
10+59.43	17.75 R	TO	12+50.00	17.75 R	26.9	-	-	-	187
10+63.01	26.18 L	TO	10+39.79	17.89 L	8.1	-	24.5	-	-
12+50.00	17.75 L	TO	12+50.00	17.75 R	5	35.5	-	-	-
12+50.00	17.75 R	TO	15+27.00	17.75 R	43.3	-	277	-	-
15+27.00	17.75 R	TO	15+36.90	18.20 L	5.5	-	-	-	37.5
TOTAL		138	52	277	25	68	251		

SCHEDULE OF QUANTITIES

SOUTH MARION STREET
CITY OF CARBONDALE
JACKSON COUNTY, ILLINOIS

REV	DATE	DESCRIPTION
△		
△		
△		

PLAN STATUS:	
FINAL	
<input checked="" type="checkbox"/> ISSUED FOR REVIEW	<input type="checkbox"/> ISSUED FOR BIDDING
<input type="checkbox"/> ISSUED FOR CONSTR.	<input type="checkbox"/> RECORD DRAWING
DRAWN BY: JVV	SHEET
DESIGNED BY: JVV	4
CHECKED BY: SJK	OF 24 SHEETS
APPROVED BY: JVV	PROJECT DESCRIPTION
PROJECT NUMBER: T06090142	