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

CONTRACT NO. 99378

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



- CORPORATE OFFICE**
4940 OLD COLLINSVILLE RD.
SWANSEA, ILLINOIS 62226
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- CARBONDALE OFFICE**
206 WEST COLLEGE STREET
CARBONDALE, ILLINOIS 62901
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- EDWARDSVILLE OFFICE**
1015B CENTURY DRIVE
EDWARDSVILLE, ILLINOIS 62025
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- ST. CHARLES OFFICE**
400 NORTH 5TH ST., SUITE 101
ST. CHARLES, MISSOURI 63301
TEL (636) 724-8300
FAX (636) 724-8304
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- 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. | 62-055370 |
| PROFESSIONAL STRUCTURAL ENGR. CORP. | 81-065202 |
| ILLINOIS PROF. LAND SURVEYING CORP. | 048-000029 |
| MISSOURI PROFESSIONAL ENGR. CORP. | NC 001528 |
| MISSOURI LAND SURVEYING CORP. | NC 000346 |

TITLE

PROJECT:

**SOUTH MARION STREET
CITY OF CARBONDALE
JACKSON COUNTY, ILLINOIS**

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
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PLAN STATUS:

FINAL

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

DRAWN BY: JVV SHEET
 DESIGNED BY: JVV **5**
 CHECKED BY: SJK OF 24 SHEETS
 APPROVED BY: JVV PROJECT DESCRIPTION
 PROJECT NUMBER: T06090142

| SIDEWALK | | | | | |
|----------------------------------|----|----|-------------|--------------------------------|-----------------------------------|
| LOCATION (STATION TO STATION) | | | | PCC SIDEWALK, 4" (SQ FT) | DETECTABLE WARNINGS (SQ FT) |
| SOUTH MARION STREET | | | | | |
| SE RAMP | | | | 160 | 6 |
| 10+50.00 | RT | TO | 15+31.03 RT | 2405.15 | - |
| NE RAMP | | | | 168 | 6 |
| SW RAMP | | | | 194 | 6 |
| 10+50.00 | LT | TO | 14+28.56 LT | 1893 | - |
| 14+95.84 | LT | TO | 15+35.71 LT | 199.35 | - |
| EXT TIE IN LT | | | | 73 | - |
| S RAMP @ ENTRANCE | | | | 63 | 6 |
| N RAMP @ ENTRANCE | | | | 63 | 6 |
| NW RAMP | | | | 121 | 6 |
| TOTAL | | | | 5340 | 36 |

| EARTHWORK SCHEDULE | | | | | |
|-------------------------------|-----------------------------|--------------------------------|---|-----------------------|--|
| FROM LOCATION (STATION) | TO LOCATION (STATION) | EARTH EXCAVATION (CU YD) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE(+), SHORTAGE (-) (CU YD) |
| 20200100 | | | | | |
| SOUTH MARION STREET | | | | | |
| 10+25.00 CL | 15+50.00 CL | 1,886 | 1,415 | 46 | 1,369 |
| SUB-TOTAL | | 1,886 | 1,415 | 46 | 1,369 |
| TOTAL | | 1,886 | 1,415 | 46 | 1,369 |

| WATER MAIN | | | | | | | | | |
|----------------------------------|----------|----------|----------|---|--|--|---|--|---|
| LOCATION (STATION TO STATION) | | | | TRENCH BACKFILL (CU YD) 20800150 | WATER MAIN, DUCTILE IRON 10" (FOOT) 56103200 | TAPPING VALVES AND SLEEVES 10" (EACH) 56109000 | DUCTILE IRON WATER MAIN FITTINGS, 10" 90° BEND (EACH) XX005008 | FIRE HYDRANT W/ AUX GATE VALVE & BOX (EACH) | CUT AND CAP EXISTING 10" WATER MAIN (EACH) XX003772 |
| SOUTH MARION STREET | | | | | | | | | |
| 10+75.00 | 10.14 RT | | | | | | | | 1 |
| 10+75.72 | 10.14 R | 10+75.78 | 29.69 LT | 18 | 40 | - | | | |
| 10+75.78 | 29.69 L | | | | | | 1 | | |
| 10+75.78 | 29.69 L | 15+44.77 | 30.09 L | 19 | 469 | - | | | |
| 13+00.00 | 34.00 L | | | | | | 1 | | |
| 15+43.00 | 12.95 L | | | | | | | | 1 |
| 15+44.77 | 30.09 L | 15+43.87 | 12.95 L | 7 | 17 | - | | | |
| 15+44.77 | 30.00 L | | | | | | | 1 | |
| 15+47.36 | 24.15 L | | | | | | | | |
| TOTAL | | | | 44 | 526 | 2 | 2 | 1 | 2 |

P:\090142\1. DWG\2-TITLE SHEETS\001-QUANTITIES AND SCHEDULES-01.dwg Plotted By: michaelpjohn