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**PROFESSIONAL REGISTRATIONS** LICENSE NO.  
ILLINOIS PROFESSIONAL DESIGN FIRM 184-000220  
PROFESSIONAL ENGINEERING CORP. 62-035370  
PROFESSIONAL STRUCTURAL ENGR. CORP. 61-000202  
ILLINOIS PROF. LAND SURVEYING CORP. 040-000029  
MISSOURI PROFESSIONAL ENGR. CORP. MC 000528  
MISSOURI LAND SURVEYING CORP. MC 000346

SEAL

Renewed Date: \_\_\_\_\_  
Signature Date: \_\_\_\_\_

**STATEMENT OF RESPONSIBILITY**  
I hereby certify that the document herein to be authorized 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.

SCHEDULES OF QUANTITIES

BIKE TRAIL  
VILLAGE OF SHILOH  
ST. CLAIR COUNTY, ILLINOIS

| REV. | DATE | DESCRIPTION |
|------|------|-------------|
| △    | / /  |             |
| △    | / /  |             |

DRAWN BY: SGR SHEET 7

DESIGNED BY:

CHECKED BY:

CONTRACT NUMBER:

PROJECT NUMBER: 98751 OF 37 SHEETS

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

**EARTHWORK SCHEDULE**

| LOCATION STATION TO STATION | EARTH EXCAVATION (CU YD) | EARTH EXCAVATION ADJUSTED FOR SHRINKAGE FACTOR (CU YD) | EMBANKMENT (CU YD) | EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-) (CU YD) |
|-----------------------------|--------------------------|--|--------------------|---|
| OAK / CHURCH                |                          |  |                    |   |
| 20+50.00 TO 33+00.00        | 547                      | 410  | 67                 | +343  |
| S. MAIN ST.                 |                          |  |                    |   |
| 300+00.00 TO 304+00.00      | 3                        | 2  | 68                 | -66   |
| S. MAIN ST.                 |                          |  |                    |   |
| +50.00 TO 3+50.00           | 11                       | 8  | 60                 | -52   |
| <b>TOTAL:</b>               | <b>561</b>               | <b>420</b>   | <b>195</b>         | <b>+225</b>   |

**SEEDING SCHEDULE**

| LOCATION STATION TO STATION | SEEDING CLASS 2 (ACRE) | NITROGEN FERTILIZER NUTRIENT (POUND) | PHOSPHORUS FERTILIZER NUTRIENT (POUND) | POTASSIUM FERTILIZER NUTRIENT (POUND) | MULCH METHOD, 2 (ACRE) | TEMPORARY SEEDING CLASS 7 (ACRE) | NITROGEN FERTILIZER NUTRIENT (POUND) | PHOSPHORUS FERTILIZER NUTRIENT (POUND) | POTASSIUM FERTILIZER NUTRIENT (POUND) | MULCH METHOD, 1 (ACRE) |
|-----------------------------|------------------------|--------------------------------------|--|---------------------------------------|------------------------|----------------------------------|--------------------------------------|--|---------------------------------------|------------------------|
| OAK / CHURCH STREET         |                        |                                      |  |                                       |                        |                                  |                                      |  |                                       |                        |
| 20+12.24 TO 33+00.00        | 0.89                   | 80                                   | 80                                     | 80                                    | 0.89                   | 0.89                             | 80                                   | 80                                     | 80                                    | 0.89                   |
| SOUTH MAIN STREET           |                        |                                      |  |                                       |                        |                                  |                                      |  |                                       |                        |
| 300+00.00 TO 304+20.00      | 0.08                   | 7                                    | 7                                      | 7                                     | 0.08                   | 0.08                             | 7                                    | 7                                      | 7                                     | 0.08                   |
| SEIBERT ROAD                |                        |                                      |  |                                       |                        |                                  |                                      |  |                                       |                        |
| 0+30.00 TO 3+85.00          | 0.44                   | 39                                   | 39                                     | 39                                    | 0.44                   | 0.44                             | 39                                   | 39                                     | 39                                    | 0.44                   |
| <b>TOTAL:</b>               | <b>1.4</b>             | <b>126</b>                           | <b>126</b>                             | <b>126</b>                            | <b>1.4</b>             | <b>1.4</b>                       | <b>126</b>                           | <b>126</b>                             | <b>126</b>                            | <b>1.4</b>             |

**DRIVEWAY SCHEDULE**

| LOCATION STATION    | AGGREGATE BASE COURSE T-A, 6" (SQ YD) | AGGREGATE BASE COURSE T-A, 8" (SQ YD) | INCIDENTAL BITUMINOUS SURFACING (TON) | PIPE CULVERT REMOVAL (FEET) | DRIVEWAY PAVEMENT REMOVAL (SQ YD) | TRENCH BACKFILL (CU YD) | BITUMINOUS MATERIALS PRIME COAT 40600100 (GAL) |
|---------------------|---------------------------------------|---------------------------------------|---------------------------------------|-----------------------------|-----------------------------------|-------------------------|--|
| CHURCH / OAK STREET |                                       |                                       |                                       |                             |                                   |                         |  |
| 20+93.24 RT P.E.    | 35.8                                  |                                       | 4.0                                   | 27.0                        |                                   |                         | 13.4   |
| 21+59.80 RT P.E.    | 31.1                                  |                                       | 3.5                                   |                             |                                   |                         | 11.7   |
| 21+83.10 LT P.E.    | 32.5                                  |                                       | 3.6                                   |                             | 42.9                              |                         | 12.2   |
| 22+35.26 RT P.E.    | 40.1                                  |                                       | 4.5                                   |                             |                                   |                         | 15.0   |
| 23+20.59 RT P.E.    | 31.8                                  |                                       | 3.6                                   | 27.0                        |                                   |                         | 11.9   |
| 24+16.42 RT P.E.    | 42.0                                  |                                       | 4.7                                   |                             | 47.9                              |                         | 15.8   |
| 26+03.33 LT P.E.    | 38.3                                  |                                       | 4.3                                   |                             | 48.5                              |                         | 14.4   |
| 26+72.59 RT S.R.    |                                       | 57.7                                  | 9.7                                   | 39.0                        | 82.3                              | 6.5                     | 21.6   |
| 26+85.58 LT P.E.    | 62.6                                  |                                       | 7.0                                   |                             |                                   |                         | 23.5   |
| 27+14.97 RT C.E.    |                                       | 33.7                                  | 5.7                                   |                             |                                   | 2.2                     | 12.6   |
| 30+13.36 LT S.R.    |                                       | 38.5                                  | 6.5                                   | 46.0                        | 51.6                              | 1.8                     | 14.4   |
| 31+46.95 LT P.E.    |                                       | 29.1                                  | 4.9                                   |                             | 43.0                              |                         | 10.9   |
| 31+65.10 LT P.E.    | 30.0                                  |                                       | 3.4                                   |                             | 29.9                              |                         | 11.3   |
| 32+23.84 LT P.E.    | 30.0                                  |                                       | 3.4                                   |                             |                                   |                         | 11.3   |
| SOUTH MAIN STREET   |                                       |                                       |                                       |                             |                                   |                         |  |
| 302+12.08 LT P.E.   |                                       | 9.7                                   | 1.6                                   |                             | 9.1                               |                         | 3.6  |
| <b>TOTAL:</b>       | <b>374.2</b>                          | <b>168.7</b>                          | <b>70.4</b>                           | <b>139.0</b>                | <b>355.2</b>                      | <b>10.5</b>             | <b>203.6</b>                                   |

**CURB & GUTTER / SIDEWALK SCHEDULE**

| LOCATION STATION TO STATION  | COMBINATION CURB & GUTTER TYPE B 6.24 (FEET) | PCC SIDEWALK 4" (SQ FT) | SIDEWALK REMOVAL (SQ FT) | COMBINATION CURB & GUTTER REMOVAL (FEET) |
|------------------------------|--|-------------------------|--------------------------|--|
| SOUTH MAIN STREET            |  |                         |                          |  |
| 299+85.00 LT TO 304+20.00 LT |  | 2200                    | 1805                     |  |
| 304+41.68 LT (CHURCH ST.)    | 57   |                         |                          | 57                                       |
| 302+12.08 LT (CEMETERY)      | 14   |                         |                          | 14                                       |
| 299+70.79 LT (HILL ST.)      | 24   |                         |                          | 24                                       |
| SEIBERT ROAD                 |  |                         |                          |  |
| 3+15.70 RT TO 3+65.00 RT     |  |                         | 168                      |  |
| <b>TOTAL:</b>                | <b>95</b>                                    | <b>2200</b>             | <b>1973</b>              | <b>95</b>                                |

**PAVING SCHEDULE**

| LOCATION STATION TO STATION | BIT. CONC. BASE CSE WIDENING SUPERPAVE, 10" (SQ YD) | BIT. MATERIALS PRIME COAT 40300100 (GAL) | SCARIFY & REGRADE EXIST. ASPHALT SURFACE (SQ YD) | BIT. MATERIALS COVER & SEAL COAT (GAL) | COVER COAT AGGREGATE (TON) | SEAL COAT AGGREGATE (TON) | AGG. BSE CSE T-A 6" (SQ YD) | BIT. MATERIALS PRIME COAT 40600100 (GAL) | BIT. CONC. SURF. CSE SUPERPAVE, IL 9.5L (LOW ESAL) (TON) | AGGREGATE BASE COURSE T-A (TON) |
|-----------------------------|---|--|--|--|----------------------------|---------------------------|-----------------------------|--|--|---------------------------------|
| OAK / CHURCH STREET         |   |  |  |  |                            |                           |                             |  |  |                                 |
| 20+12.00 TO 33+01.00        | 1161  | 1091                                     | 1749   | 2037                                   | 29                         | 29                        |                             |  |  | 134                             |
| SEIBERT ROAD                |   |  |  |  |                            |                           |                             |  |  |                                 |
| 0+28.00 TO 3+88.00          |   |  |  |  |                            |                           | 276.0                       | 103.5                                    | 31   |                                 |
| <b>TOTAL:</b>               | <b>1161</b>   | <b>1091</b>                              | <b>1749</b>                                      | <b>2037</b>                            | <b>29</b>                  | <b>29</b>                 | <b>276.0</b>                | <b>103.5</b>                             | <b>31</b>  | <b>134</b>                      |

**DRAINAGE SCHEDULE**

| FROM STATION        | OFFSET | TO STATION  | OFFSET | TYPE               | SIZE & LENGTH OF PIPE (FEET) | END SECTION (EACH) | TRENCH BACKFILL (CU YD) | INLET T - A T - B GRATE (EACH) | PIPE ELBOW 12" (EACH) |
|---------------------|--------|-------------|--------|--------------------|------------------------------|--------------------|-------------------------|--------------------------------|-----------------------|
| OAK / CHURCH STREET |        |             |        |                    | 12"                          | 12"                |                         |                                |                       |
| 20+69.51            | 15.00  | RT 21+17.01 | 15.00  | RT CLASS D, TYPE 1 | 44                           | 2                  |                         |                                |                       |
| 26+37.32            | 18.00  | RT 26+37.32 | 15.00  | LT CLASS D, TYPE 1 | 30                           | 1                  | 2.9                     | 1                              |                       |
| 26+52.85            | 17.50  | RT 26+87.88 | 19.50  | RT CLASS D, TYPE 1 | 36                           | 2                  |                         |                                |                       |
| 27+00.12            | 18.00  | RT 27+30.19 | 17.90  | RT CLASS D, TYPE 1 | 37                           | 2                  |                         |                                | 1                     |
| 29+87.24            | 15.00  | LT 30+37.24 | 15.00  | LT CLASS D, TYPE 1 | 46                           | 2                  |                         |                                |                       |
| <b>TOTAL:</b>       |        |             |        |                    | <b>193</b>                   | <b>9</b>           | <b>2.9</b>              | <b>1</b>                       | <b>1</b>              |

**SIGNING SCHEDULE**

| LOCATION STATION    | TELESCOPING SIGN SUPPORT (FEET) | SIGN PANEL TYPE 1 (SQ FT) | REMARKS  |
|---------------------|---------------------------------|---------------------------|--|
| CROSS ST.           |                                 |                           |  |
| 6+18.00 RT          | 12.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-6)        |
| 6+65.00 LT          | 12.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-1)        |
| CHURCH / OAK STREET |                                 |                           |  |
| 32+65.00 RT         | 12.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-5)        |
| SOUTH MAIN STREET   |                                 |                           |  |
| 298+85.00 RT        | 14.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-6)        |
| 299+35.00 LT        | 0.75                            |                           | DIRECTIONAL ARROW M7-6                         |
| 304+18.00 RT        | 14.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-6)        |
| 304+76.00 LT        | 14.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-6)        |
| SEIBERT ROAD        |                                 |                           |  |
| 0+39.00 RT          | 12.0                            | 5.25                      | BIKE ROUTE W/ DIR. ARROW (BACK) (D11-1)/(M7-5) |
| 3+65.00 RT          | 12.0                            | 1.50                      | RESTRICTED TRAVEL PATH (FRONT) (R9-7)          |
| 4+56.00 RT          | 12.0                            | 3.75                      | BIKE ROUTE W/ DIR. ARROW (D11-1)/(M7-5)        |
| <b>TOTAL:</b>       | <b>114.0</b>                    | <b>33.75</b>              |  |

PLAN SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
GRADES CHECKED BY: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
DATE: \_\_\_\_\_

PROFILE SURVEYED BY: \_\_\_\_\_ DATE: \_\_\_\_\_  
GRADES CHECKED BY: \_\_\_\_\_  
NOTE BOOK NO. \_\_\_\_\_  
DATE: \_\_\_\_\_

SHEET 7 OF 37 SHEETS