



**SOUTHGATE 2018 STREET PROGRAM**  
**SOUTHGATE, KENTUCKY**  
**PROJECT: 180066**  
**Bid Date 2/15/2018**

ENGINEER'S ESTIMATE

LEN RIEGLER BLACKTOP, INC.

MICHELS CONSTRUCTION

| <b>CENTER STREET OVERLAY PROJECT</b>   |           |  |                    |                 |                 |                  |                 |                  |                 |                  |  |
|--|-----------|--|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|--|
| <b>MAPLE TO ALLEY BY WALNUT - STREET LENGTH = 565' +/- OVERLAY &amp; 250' FULL DEPTH REPLACEMENT (26' WIDTH) = TOTAL PROJECT LENGTH 815' +/-</b> |           |  |                    |                 |                 |                  |                 |                  |                 |                  |  |
| ITEM NO.   | SPEC. NO. | ITEM   | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |  |
| 1  | 110       | MOBILIZATION   | 1                  | LS              | \$5,000.00      | \$5,000.00       | \$5,000.00      | \$5,000.00       | \$7,500.00      | \$7,500.00       |  |
| 2  | 112       | MAINTENANCE OF TRAFFIC   | 1                  | LS              | \$2,000.00      | \$2,000.00       | \$500.00        | \$500.00         | \$1,200.00      | \$1,200.00       |  |
| 3  | 202       | CLEARING & GRUBBING (INCLUDES REMOVAL & REINSTALLATION OF SIGNS, MAILBOXES & FENCES)                                       | 1                  | LS              | \$2,000.00      | \$2,000.00       | \$500.00        | \$500.00         | \$850.00        | \$850.00         |  |
| 4  | 203       | SAW-CUT & REMOVE EXISTING PAVEMENT (CENTER STREET STA. 13+69+/- TO STA. 16+09+/- & STA. 17+25+/- TO STA. 17+85+/-)         | 825                | SY              | \$20.00         | \$16,500.00      | \$15.00         | \$12,375.00      | \$13.50         | \$11,137.50      |  |
| 5  | 203       | REMOVE CATCH BASIN   | 1                  | EA              | \$700.00        | \$700.00         | \$500.00        | \$500.00         | \$400.00        | \$400.00         |  |
| 6  | 211       | RESTORATION (BACKFILL CURBS, UTILITY VALVE/METER ADJUSTMENT, TOPSOIL, SEEDING & PROTECTION)                                | 1                  | LS              | \$2,000.00      | \$2,000.00       | \$5,500.00      | \$5,500.00       | \$4,600.00      | \$4,600.00       |  |
| 7  | 402/403   | 8" BITUMINOUS CONCETE BASE (CENTER STREET STA. 13+69+/- TO STA 16+09+/- & STA. 17+25+/- TO STA 17+85+/-)                   | 825                | SY              | \$40.00         | \$33,000.00      | \$29.00         | \$23,925.00      | \$34.00         | \$28,050.00      |  |
| 8  | 402/403   | VARIABLE THICKNESS BITUMINOUS CONCRETE LEVELING (1" AVG.- 3/4" AT CURB TO 1-1/4" AT CENTER)                                | 2,300              | SY              | \$5.00          | \$11,500.00      | \$3.50          | \$8,050.00       | \$3.90          | \$8,970.00       |  |
| 9  | 402/403   | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT)                               | 2,300              | SY              | \$12.00         | \$27,600.00      | \$6.50          | \$14,950.00      | \$7.00          | \$16,100.00      |  |
| 10   | 408       | 2-1/2" ASPHALT PAVEMENT MILLING AND TEXTURING  | 1,600              | SY              | \$3.00          | \$4,800.00       | \$3.00          | \$4,800.00       | \$3.50          | \$5,600.00       |  |
| 11   | 505       | HANDICAP RAMP TYPE 1 AT MAPLE & CENTER ST. (INCLUDES EXISTING SIDEWALK REMOVAL COST). INCLUDE COST OF CURB/WALL AT BACK OF | 1                  | EA              | \$3,000.00      | \$3,000.00       | \$1,500.00      | \$1,500.00       | \$1,450.00      | \$1,450.00       |  |
| 12   | 505       | HANDICAP RAMP TYPE 2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)   | 3                  | EA              | \$1,250.00      | \$3,750.00       | \$1,200.00      | \$3,600.00       | \$550.00        | \$1,650.00       |  |
| 13   | 505       | CONSTRUCT DETECTABLE WARNING ON SIDEWALK AT ALLEY (INCLUDES EXISTING SIDEWALK REMOVAL COST)                                | 2                  | EA              | \$1,250.00      | \$2,500.00       | \$500.00        | \$1,000.00       | \$350.00        | \$700.00         |  |
| 14   | 505       | CONCRETE DRIVE APRON REMOVE AND REPLACE (#113 & APRONS ON THE NORTH SIDE OF STREET)  | 500                | SF              | \$8.00          | \$4,000.00       | \$11.00         | \$5,500.00       | \$9.50          | \$4,750.00       |  |
| 15   | 505*      | CONCRETE DRIVE APRON REMOVE AND REPLACE (APRONS ON SOUTH SIDE OF STREET)   | 1,000              | SF              | \$8.00          | \$8,000.00       | \$11.00         | \$11,000.00      | \$9.50          | \$9,500.00       |  |
| 16   | 505       | CONCRETE SIDEWALK - REMOVE & REPLACE   | 700                | SF              | \$8.00          | \$5,600.00       | \$9.00          | \$6,300.00       | \$6.50          | \$4,550.00       |  |
| 17   | 505*      | CONCRETE SIDEWALK - REMOVE & REPLACE (PADS ON SOUTH SIDE OF STREET)  | 700                | SF              | \$8.00          | \$5,600.00       | \$9.00          | \$6,300.00       | \$7.50          | \$5,250.00       |  |



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MICHELS CONSTRUCTION

| <b>CENTER STREET OVERLAY PROJECT</b><br><b>MAPLE TO ALLEY BY WALNUT - STREET LENGTH = 565' +/- OVERLAY &amp; 250' FULL DEPTH</b><br><b>REPLACEMENT (26' WIDTH) = TOTAL PROJECT LENGTH 815' +/-</b> |           |   |                    |                 |                 |                  |                 |                  |                 |                  |
|--|-----------|---|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| ITEM NO.   | SPEC. NO. | ITEM  | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
| 18   | 506       | SAW-CUT & REMOVE EXISTING CONCRETE INTEGRAL CURB. CONSTRUCT 24" WIDE "BOX" CONCRETE CURB/GUTTER PER DETAIL SHEET 2. | 1,600              | LF              | \$40.00         | \$64,000.00      | \$32.50         | \$52,000.00      | \$33.00         | \$52,800.00      |
| 19   | SPL*      | FULL DEPTH PAVEMENT REPAIR (EST. @ 20% OF PAVEMENT AREA) PER DETAIL   | 650                | SY              | \$50.00         | \$32,500.00      | \$25.00         | \$16,250.00      | \$32.00         | \$20,800.00      |
| 20   | 302*      | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL)          | 110                | CY              | \$35.00         | \$3,850.00       | \$80.00         | \$8,800.00       | \$54.00         | \$5,940.00       |
| 21   | SPL*      | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)                                      | 650                | SY              | \$6.00          | \$3,900.00       | \$4.00          | \$2,600.00       | \$3.50          | \$2,275.00       |
| 22   | SPL**     | EXTEND 4" PVC DOWNSPOUT THROUGH CURB  | 30                 | EA              | \$200.00        | \$6,000.00       | \$20.00         | \$600.00         | \$110.00        | \$3,300.00       |
| 23   | SPL       | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS   | 4                  | EA.             | \$100.00        | \$400.00         | \$250.00        | \$1,000.00       | \$325.00        | \$1,300.00       |
| 24   | SPL       | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE  | 10                 | EA              | \$10.00         | \$100.00         | \$10.00         | \$100.00         | \$50.00         | \$500.00         |
| 25   | SPL       | PAVEMENT STRIPING   | 1                  | LS              | \$250.00        | \$250.00         | \$300.00        | \$300.00         | \$200.00        | \$200.00         |
| 26   | 710       | CONSTRUCT DOUBLE CURB BOX INLET W/ VANE GRATES  | 1                  | EA              | \$4,000.00      | \$4,000.00       | \$3,500.00      | \$3,500.00       | \$3,200.00      | \$3,200.00       |
| <b>SUBTOTAL - CENTER STREET (MAPLE TO ALLEY BY WALNUT)</b>   |           |   |                    |                 |                 | \$252,550.00     |                 | \$196,450.00     |                 | \$202,572.50     |



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BLUEGRASS PAVING

BARRETT PAVING

EATON ASPHALT

**CENTER STREET OVERLAY PROJECT**  
**MAPLE TO ALLEY BY WALNUT - STREET LENGTH = 565' +/- OVERLAY & 250' FULL DEPTH**  
**REPLACEMENT (26' WIDTH) = TOTAL PROJECT LENGTH 815' +/-**

| ITEM NO. | SPEC. NO. | ITEM   | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|----------|-----------|--|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 1        | 110       | MOBILIZATION   | 1                  | LS              | \$2,100.00      | \$2,100.00       | \$4,330.60      | \$4,330.60       | \$3,000.00      | \$3,000.00       | \$10,000.00     | \$10,000.00      |
| 2        | 112       | MAINTENANCE OF TRAFFIC   | 1                  | LS              | \$2,000.00      | \$2,000.00       | \$6,755.10      | \$6,755.10       | \$1,400.00      | \$1,400.00       | \$8,915.00      | \$8,915.00       |
| 3        | 202       | CLEARING & GRUBBING (INCLUDES REMOVAL & REINSTALLATION OF SIGNS, MAILBOXES & FENCES)                                       | 1                  | LS              | \$1,000.00      | \$1,000.00       | \$500.00        | \$500.00         | \$1,500.00      | \$1,500.00       | \$5,000.00      | \$5,000.00       |
| 4        | 203       | SAW-CUT & REMOVE EXISTING PAVEMENT (CENTER STREET STA. 13+69+/- TO STA. 16+09+/- & STA. 17+25+/- TO STA. 17+85+/-)         | 825                | SY              | \$16.00         | \$13,200.00      | \$28.29         | \$23,339.25      | \$24.00         | \$19,800.00      | \$20.00         | \$16,500.00      |
| 5        | 203       | REMOVE CATCH BASIN   | 1                  | EA              | \$300.00        | \$300.00         | \$300.00        | \$300.00         | \$300.00        | \$300.00         | \$500.00        | \$500.00         |
| 6        | 211       | RESTORATION (BACKFILL CURBS, UTILITY VALVE/METER ADJUSTMENT, TOPSOIL, SEEDING & PROTECTION)                                | 1                  | LS              | \$4,000.00      | \$4,000.00       | \$2,240.00      | \$2,240.00       | \$2,240.00      | \$2,240.00       | \$2,600.00      | \$2,600.00       |
| 7        | 402/403   | 8" BITUMINOUS CONCETE BASE (CENTER STREET STA. 13+69+/- TO STA 16+09+/- & STA. 17+25+/- TO STA 17+85+/-)                   | 825                | SY              | \$31.00         | \$25,575.00      | \$24.67         | \$20,352.75      | \$35.00         | \$28,875.00      | \$27.00         | \$22,275.00      |
| 8        | 402/403   | VARIABLE THICKNESS BITUMINOUS CONCRETE LEVELING (1" AVG.- 3/4" AT CURB TO 1-1/4" AT CENTER)                                | 2,300              | SY              | \$3.80          | \$8,740.00       | \$3.79          | \$8,717.00       | \$5.50          | \$12,650.00      | \$4.00          | \$9,200.00       |
| 9        | 402/403   | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT)                               | 2,300              | SY              | \$7.10          | \$16,330.00      | \$7.68          | \$17,664.00      | \$10.00         | \$23,000.00      | \$8.00          | \$18,400.00      |
| 10       | 408       | 2-1/2" ASPHALT PAVEMENT MILLING AND TEXTURING  | 1,600              | SY              | \$3.30          | \$5,280.00       | \$3.21          | \$5,136.00       | \$5.50          | \$8,800.00       | \$4.00          | \$6,400.00       |
| 11       | 505       | HANDICAP RAMP TYPE 1 AT MAPLE & CENTER ST. (INCLUDES EXISTING SIDEWALK REMOVAL COST). INCLUDE COST OF CURB/WALL AT BACK OF | 1                  | EA              | \$800.00        | \$800.00         | \$1,900.00      | \$1,900.00       | \$1,900.00      | \$1,900.00       | \$2,200.00      | \$2,200.00       |
| 12       | 505       | HANDICAP RAMP TYPE 2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)   | 3                  | EA              | \$800.00        | \$2,400.00       | \$1,100.00      | \$3,300.00       | \$1,100.00      | \$3,300.00       | \$1,000.00      | \$3,000.00       |
| 13       | 505       | CONSTRUCT DETECTABLE WARNING ON SIDEWALK AT ALLEY (INCLUDES EXISTING SIDEWALK REMOVAL COST)                                | 2                  | EA              | \$400.00        | \$800.00         | \$900.00        | \$1,800.00       | \$900.00        | \$1,800.00       | \$1,000.00      | \$2,000.00       |
| 14       | 505       | CONCRETE DRIVE APRON REMOVE AND REPLACE (#113 & APRONS ON THE NORTH SIDE OF STREET)  | 500                | SF              | \$8.00          | \$4,000.00       | \$9.00          | \$4,500.00       | \$9.00          | \$4,500.00       | \$10.00         | \$5,000.00       |
| 15       | 505*      | CONCRETE DRIVE APRON REMOVE AND REPLACE (APRONS ON SOUTH SIDE OF STREET)   | 1,000              | SF              | \$8.00          | \$8,000.00       | \$9.00          | \$9,000.00       | \$9.00          | \$9,000.00       | \$11.00         | \$11,000.00      |
| 16       | 505       | CONCRETE SIDEWALK - REMOVE & REPLACE   | 700                | SF              | \$7.00          | \$4,900.00       | \$7.60          | \$5,320.00       | \$7.60          | \$5,320.00       | \$9.00          | \$6,300.00       |
| 17       | 505*      | CONCRETE SIDEWALK - REMOVE & REPLACE (PADS ON SOUTH SIDE OF STREET)  | 700                | SF              | \$10.00         | \$7,000.00       | \$7.60          | \$5,320.00       | \$7.60          | \$5,320.00       | \$9.00          | \$6,300.00       |



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**CENTER STREET OVERLAY PROJECT**  
**MAPLE TO ALLEY BY WALNUT - STREET LENGTH = 565' +/- OVERLAY & 250' FULL DEPTH**  
**REPLACEMENT (26' WIDTH) = TOTAL PROJECT LENGTH 815' +/-**

| ITEM NO.   | SPEC. NO. | ITEM  | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|--|-----------|---|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 18   | 506       | SAW-CUT & REMOVE EXISTING CONCRETE INTEGRAL CURB. CONSTRUCT 24" WIDE "BOX" CONCRETE CURB/GUTTER PER DETAIL SHEET 2. | 1,600              | LF              | \$32.00         | \$51,200.00      | \$36.40         | \$58,240.00      | \$36.40         | \$58,240.00      | \$40.00         | \$64,000.00      |
| 19   | SPL*      | FULL DEPTH PAVEMENT REPAIR (EST. @ 20% OF PAVEMENT AREA) PER DETAIL   | 650                | SY              | \$46.00         | \$29,900.00      | \$41.38         | \$26,897.00      | \$73.00         | \$47,450.00      | \$80.00         | \$52,000.00      |
| 20   | 302*      | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL)          | 110                | CY              | \$75.00         | \$8,250.00       | \$99.19         | \$10,910.90      | \$53.00         | \$5,830.00       | \$20.00         | \$2,200.00       |
| 21   | SPL*      | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)                                      | 650                | SY              | \$4.50          | \$2,925.00       | \$4.05          | \$2,632.50       | \$4.75          | \$3,087.50       | \$2.00          | \$1,300.00       |
| 22   | SPL**     | EXTEND 4" PVC DOWNSPOUT THROUGH CURB  | 30                 | EA              | \$125.00        | \$3,750.00       | \$85.00         | \$2,550.00       | \$85.00         | \$2,550.00       | \$98.00         | \$2,940.00       |
| 23   | SPL       | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS   | 4                  | EA.             | \$350.00        | \$1,400.00       | \$1,200.00      | \$4,800.00       | \$485.00        | \$1,940.00       | \$900.00        | \$3,600.00       |
| 24   | SPL       | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE  | 10                 | EA              | \$75.00         | \$750.00         | \$40.00         | \$400.00         | \$40.00         | \$400.00         | \$50.00         | \$500.00         |
| 25   | SPL       | PAVEMENT STRIPING   | 1                  | LS              | \$500.00        | \$500.00         | \$982.00        | \$982.00         | \$1,600.00      | \$1,600.00       | \$500.00        | \$500.00         |
| 26   | 710       | CONSTRUCT DOUBLE CURB BOX INLET W/ VANE GRATES  | 1                  | EA              | \$2,700.00      | \$2,700.00       | \$3,800.00      | \$3,800.00       | \$3,800.00      | \$3,800.00       | \$4,200.00      | \$4,200.00       |
| <b>SUBTOTAL - CENTER STREET (MAPLE TO ALLEY BY WALNUT)</b> |           |   |                    |                 |                 | \$207,800.00     |                 | \$231,687.10     |                 | \$257,602.50     |                 | \$266,830.00     |



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MICHELS CONSTRUCTION

| <b>RETREAT STREET OVERLAY PROJECT</b><br><b>EVERGREEN TO END - STREET LENGTH = 550' +/-, (26' WIDTH +/-)</b> |                  |  |                           |                        |                        |                         |                        |                         |                        |                         |  |
|--|------------------|--|---------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|--|
| <b>ITEM NO.</b>  | <b>SPEC. NO.</b> | <b>ITEM</b>  | <b>Estimated Quantity</b> | <b>Unit of Measure</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> |  |
| 1  | 110              | MOBILIZATION   | 1                         | LS                     | \$3,000.00             | \$3,000.00              | \$2,500.00             | \$2,500.00              | \$5,850.00             | \$5,850.00              |  |
| 2  | 112              | MAINTENANCE OF TRAFFIC   | 1                         | LS                     | \$2,000.00             | \$2,000.00              | \$500.00               | \$500.00                | \$850.00               | \$850.00                |  |
| 3  | 202              | CLEARING & GRUBBING (INCLUDES REMOVAL & REINSTALLATION OF SIGNS, MAILBOXES & FENCES)         | 1                         | LS                     | \$2,000.00             | \$2,000.00              | \$250.00               | \$250.00                | \$500.00               | \$500.00                |  |
| 4  | 211              | RESTORATION (BACKFILL CURBS, UTILITY VALVE/METER ADJUSTMENT, TOPSOIL, SEEDING & PROTECTION)  | 1                         | LS                     | \$1,500.00             | \$1,500.00              | \$3,000.00             | \$3,000.00              | \$3,300.00             | \$3,300.00              |  |
| 5  | 402/403          | VARIABLE THICKNESS BITUMINOUS CONCRETE LEVELING (1" AVG.- 3/4" AT CURB TO 1-1/4" AT CENTER)  | 1,610                     | SY                     | \$5.00                 | \$8,050.00              | \$3.50                 | \$5,635.00              | \$3.90                 | \$6,279.00              |  |
| 6  | 402/403          | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT) | 1,610                     | SY                     | \$12.00                | \$19,320.00             | \$6.50                 | \$10,465.00             | \$7.00                 | \$11,270.00             |  |
| 7  | 408              | 2-1/2" ASPHALT PAVEMENT MILLING AND TEXTURING  | 1,610                     | SY                     | \$3.00                 | \$4,830.00              | \$3.00                 | \$4,830.00              | \$3.50                 | \$5,635.00              |  |
| 8  | 505              | HANDICAP RAMP TYPE 1 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                               | 1                         | EA                     | \$1,250.00             | \$1,250.00              | \$1,500.00             | \$1,500.00              | \$1,450.00             | \$1,450.00              |  |
| 9  | 505              | HANDICAP RAMP TYPE C2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                              | 1                         | EA                     | \$1,250.00             | \$1,250.00              | \$1,200.00             | \$1,200.00              | \$750.00               | \$750.00                |  |
| 10   | 505              | HANDICAP RAMP TYPE 2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                               | 1                         | EA                     | \$1,250.00             | \$1,250.00              | \$1,200.00             | \$1,200.00              | \$550.00               | \$550.00                |  |
| 11   | 505              | REMOVE & REPLACE CONCRETE PAD (20' X 4' X 5" TH)   | 80                        | SF                     | \$8.00                 | \$640.00                | \$15.00                | \$1,200.00              | \$9.00                 | \$720.00                |  |
| 12   | 505              | CONCRETE "FLUME" (10'L X 4'W X 5' TH)  | 40                        | SF                     | \$20.00                | \$800.00                | \$15.00                | \$600.00                | \$12.00                | \$480.00                |  |
| 13   | 505              | CONCRETE SIDEWALK - REMOVAL & REPLACEMENT  | 550                       | SF                     | \$7.00                 | \$3,850.00              | \$8.00                 | \$4,400.00              | \$6.50                 | \$3,575.00              |  |
| 14   | 505*             | CONCRETE SIDEWALK - REMOVAL & REPLACEMENT (PADS)   | 300                       | SF                     | \$7.00                 | \$2,100.00              | \$8.00                 | \$2,400.00              | \$7.50                 | \$2,250.00              |  |
| 15   | 505              | CONCRETE DRIVE APRON - REMOVAL & REPLACEMENT (#13 RETREAT & #4 CHERRY LN)                    | 120                       | SF                     | \$8.00                 | \$960.00                | \$10.00                | \$1,200.00              | \$9.50                 | \$1,140.00              |  |
| 16   | 505*             | CONCRETE DRIVE APRON - REMOVAL & REPLACEMENT   | 1,000                     | SF                     | \$8.00                 | \$8,000.00              | \$10.00                | \$10,000.00             | \$9.50                 | \$9,500.00              |  |



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| <b>RETREAT STREET OVERLAY PROJECT</b><br><b>EVERGREEN TO END - STREET LENGTH = 550' +/-, (26' WIDTH +/-)</b> |                  |   |                           |                        |                        |                         |                        |                         |                        |                         |
|--|------------------|---|---------------------------|------------------------|------------------------|-------------------------|------------------------|-------------------------|------------------------|-------------------------|
| <b>ITEM NO.</b>  | <b>SPEC. NO.</b> | <b>ITEM</b>   | <b>Estimated Quantity</b> | <b>Unit of Measure</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> | <b>Unit Cost Total</b> | <b>Total Amount Bid</b> |
| 17   | 506              | SAW-CUT & REMOVE EXISTING CURB. CONSTRUCT CONCRETE VERTICAL CURB (DEPRESSED CURB @ DRIVEWAY LOCATIONS) PER DETAIL SHEET 2.  | 200                       | LF                     | \$40.00                | \$8,000.00              | \$35.00                | \$7,000.00              | \$30.00                | \$6,000.00              |
| 18   | 506              | SAW-CUT & REMOVE EXISTING INTEGRAL CONCRETE "ROLL" CURB. CONSTRUCT 24" WIDE CONCRETE "ROLL" CURB/GUTTER PER DETAIL SHEET 2. | 1,000                     | LF                     | \$40.00                | \$40,000.00             | \$35.00                | \$35,000.00             | \$31.60                | \$31,600.00             |
| 19   | SPL*             | FULL DEPTH PAVEMENT REPAIR (EST. @ 20% OF PAVEMENT AREA) PER DETAIL   | 320                       | SY                     | \$50.00                | \$16,000.00             | \$25.00                | \$8,000.00              | \$32.00                | \$10,240.00             |
| 20   | 302*             | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL)                  | 50                        | CY                     | \$35.00                | \$1,750.00              | \$40.00                | \$2,000.00              | \$54.00                | \$2,700.00              |
| 21   | SPL*             | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)  | 320                       | SY                     | \$6.00                 | \$1,920.00              | \$4.00                 | \$1,280.00              | \$3.50                 | \$1,120.00              |
| 22   | SPL**            | EXTEND 4" PVC DOWNSPOUT THROUGH CURB  | 24                        | EA                     | \$200.00               | \$4,800.00              | \$20.00                | \$480.00                | \$100.00               | \$2,400.00              |
| 23   | SPL              | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS   | 5                         | EA.                    | \$100.00               | \$500.00                | \$250.00               | \$1,250.00              | \$400.00               | \$2,000.00              |
| 24   | SPL              | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE  | 10                        | EA                     | \$10.00                | \$100.00                | \$10.00                | \$100.00                | \$50.00                | \$500.00                |
| 25   | SPL              | PAVEMENT STRIPING   | 1                         | LS                     | \$250.00               | \$250.00                | \$300.00               | \$300.00                | \$200.00               | \$200.00                |
| <b>SUBTOTAL - RETREAT STREET</b>   |                  |   |                           |                        |                        | \$134,120.00            |                        | \$106,290.00            |                        | \$110,859.00            |



**SOUTHGATE 2018 STREET PROGRAM**  
**SOUTHGATE, KENTUCKY**  
**PROJECT: 180066**  
**Bid Date 2/15/2018**

JPS CONSTRUCTION

BLUEGRASS PAVING

BARRETT PAVING

EATON ASPHALT

**RETREAT STREET OVERLAY PROJECT**  
**EVERGREEN TO END - STREET LENGTH = 550' +/-, (26' WIDTH +/-)**

| ITEM NO. | SPEC. NO. | ITEM   | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|----------|-----------|--|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 1        | 110       | MOBILIZATION   | 1                  | LS              | \$1,140.00      | \$1,140.00       | \$2,651.54      | \$2,651.54       | \$3,500.00      | \$3,500.00       | \$3,200.00      | \$3,200.00       |
| 2        | 112       | MAINTENANCE OF TRAFFIC   | 1                  | LS              | \$1,000.00      | \$1,000.00       | \$2,784.54      | \$2,784.54       | \$3,500.00      | \$3,500.00       | \$5,000.00      | \$5,000.00       |
| 3        | 202       | CLEARING & GRUBBING (INCLUDES REMOVAL & REINSTALLATION OF SIGNS, MAILBOXES & FENCES)         | 1                  | LS              | \$500.00        | \$500.00         | \$300.00        | \$300.00         | \$1,500.00      | \$1,500.00       | \$5,000.00      | \$5,000.00       |
| 4        | 211       | RESTORATION (BACKFILL CURBS, UTILITY VALVE/METER ADJUSTMENT, TOPSOIL, SEEDING & PROTECTION)  | 1                  | LS              | \$4,000.00      | \$4,000.00       | \$1,650.00      | \$1,650.00       | \$1,650.00      | \$1,650.00       | \$2,000.00      | \$2,000.00       |
| 5        | 402/403   | VARIABLE THICKNESS BITUMINOUS CONCRETE LEVELING (1" AVG.- 3/4" AT CURB TO 1-1/4" AT CENTER)  | 1,610              | SY              | \$3.80          | \$6,118.00       | \$3.79          | \$6,101.90       | \$5.50          | \$8,855.00       | \$4.00          | \$6,440.00       |
| 6        | 402/403   | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT) | 1,610              | SY              | \$7.10          | \$11,431.00      | \$7.68          | \$12,364.80      | \$10.00         | \$16,100.00      | \$9.00          | \$14,490.00      |
| 7        | 408       | 2-1/2" ASPHALT PAVEMENT MILLING AND TEXTURING  | 1,610              | SY              | \$3.30          | \$5,313.00       | \$3.21          | \$5,168.10       | \$5.50          | \$8,855.00       | \$3.00          | \$4,830.00       |
| 8        | 505       | HANDICAP RAMP TYPE 1 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                               | 1                  | EA              | \$800.00        | \$800.00         | \$1,100.00      | \$1,100.00       | \$1,100.00      | \$1,100.00       | \$1,200.00      | \$1,200.00       |
| 9        | 505       | HANDICAP RAMP TYPE C2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                              | 1                  | EA              | \$800.00        | \$800.00         | \$1,100.00      | \$1,100.00       | \$1,100.00      | \$1,100.00       | \$1,200.00      | \$1,200.00       |
| 10       | 505       | HANDICAP RAMP TYPE 2 (INCLUDES EXISTING SIDEWALK REMOVAL COST)                               | 1                  | EA              | \$800.00        | \$800.00         | \$1,100.00      | \$1,100.00       | \$1,100.00      | \$1,100.00       | \$1,200.00      | \$1,200.00       |
| 11       | 505       | REMOVE & REPLACE CONCRETE PAD (20' X 4' X 5" TH)   | 80                 | SF              | \$7.00          | \$560.00         | \$9.00          | \$720.00         | \$9.00          | \$720.00         | \$10.00         | \$800.00         |
| 12       | 505       | CONCRETE "FLUME" (10'L X 4'W X 5" TH)  | 40                 | SF              | \$20.00         | \$800.00         | \$10.00         | \$400.00         | \$10.00         | \$400.00         | \$11.00         | \$440.00         |
| 13       | 505       | CONCRETE SIDEWALK - REMOVAL & REPLACEMENT  | 550                | SF              | \$7.00          | \$3,850.00       | \$8.20          | \$4,510.00       | \$8.20          | \$4,510.00       | \$9.00          | \$4,950.00       |
| 14       | 505*      | CONCRETE SIDEWALK - REMOVAL & REPLACEMENT (PADS)   | 300                | SF              | \$10.00         | \$3,000.00       | \$11.60         | \$3,480.00       | \$11.60         | \$3,480.00       | \$14.00         | \$4,200.00       |
| 15       | 505       | CONCRETE DRIVE APRON - REMOVAL & REPLACEMENT (#13 RETREAT & #4 CHERRY LN)                    | 120                | SF              | \$8.00          | \$960.00         | \$8.00          | \$960.00         | \$8.00          | \$960.00         | \$10.00         | \$1,200.00       |
| 16       | 505*      | CONCRETE DRIVE APRON - REMOVAL & REPLACEMENT   | 1,000              | SF              | \$8.00          | \$8,000.00       | \$8.00          | \$8,000.00       | \$8.00          | \$8,000.00       | \$10.00         | \$10,000.00      |



**SOUTHGATE 2018 STREET PROGRAM**  
**SOUTHGATE, KENTUCKY**  
**PROJECT: 180066**  
**Bid Date 2/15/2018**

JPS CONSTRUCTION

BLUEGRASS PAVING

BARRETT PAVING

EATON ASPHALT

**RETREAT STREET OVERLAY PROJECT**  
**EVERGREEN TO END - STREET LENGTH = 550' +/-, (26' WIDTH +/-)**

| ITEM NO.                         | SPEC. NO. | ITEM  | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |  |              |
|----------------------------------|-----------|---|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|--|--------------|
| 17                               | 506       | SAW-CUT & REMOVE EXISTING CURB. CONSTRUCT CONCRETE VERTICAL CURB (DEPRESSED CURB @ DRIVEWAY LOCATIONS) PER DETAIL SHEET 2.  | 200                | LF              | \$33.00         | \$6,600.00       | \$32.40         | \$6,480.00       | \$32.40         | \$6,480.00       | \$37.00         | \$7,400.00       |  |              |
| 18                               | 506       | SAW-CUT & REMOVE EXISTING INTEGRAL CONCRETE "ROLL" CURB. CONSTRUCT 24" WIDE CONCRETE "ROLL" CURB/GUTTER PER DETAIL SHEET 2. | 1,000              | LF              | \$33.00         | \$33,000.00      | \$33.00         | \$33,000.00      | \$33.00         | \$33,000.00      | \$37.00         | \$37,000.00      |  |              |
| 19                               | SPL*      | FULL DEPTH PAVEMENT REPAIR (EST. @ 20% OF PAVEMENT AREA) PER DETAIL   | 320                | SY              | \$46.00         | \$14,720.00      | \$41.38         | \$13,241.60      | \$73.00         | \$23,360.00      | \$100.00        | \$32,000.00      |  |              |
| 20                               | 302*      | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL)                  | 50                 | CY              | \$85.00         | \$4,250.00       | \$109.08        | \$5,454.00       | \$53.00         | \$2,650.00       | \$50.00         | \$2,500.00       |  |              |
| 21                               | SPL*      | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)  | 320                | SY              | \$4.00          | \$1,280.00       | \$4.05          | \$1,296.00       | \$4.75          | \$1,520.00       | \$4.00          | \$1,280.00       |  |              |
| 22                               | SPL**     | EXTEND 4" PVC DOWNSPOUT THROUGH CURB  | 24                 | EA              | \$125.00        | \$3,000.00       | \$85.00         | \$2,040.00       | \$85.00         | \$2,040.00       | \$100.00        | \$2,400.00       |  |              |
| 23                               | SPL       | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS   | 5                  | EA.             | \$350.00        | \$1,750.00       | \$1,200.00      | \$6,000.00       | \$485.00        | \$2,425.00       | \$800.00        | \$4,000.00       |  |              |
| 24                               | SPL       | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE  | 10                 | EA              | \$100.00        | \$1,000.00       | \$40.00         | \$400.00         | \$40.00         | \$400.00         | \$42.00         | \$420.00         |  |              |
| 25                               | SPL       | PAVEMENT STRIPING   | 1                  | LS              | \$500.00        | \$500.00         | \$912.00        | \$912.00         | \$1,600.00      | \$1,600.00       | \$500.00        | \$500.00         |  |              |
| <b>SUBTOTAL - RETREAT STREET</b> |           |   |                    |                 |                 |                  |                 | \$115,172.00     |                 | \$121,214.48     |                 | \$138,805.00     |  | \$153,650.00 |





**SOUTHGATE 2018 STREET PROGRAM  
SOUTHGATE, KENTUCKY  
PROJECT: 180066  
Bid Date 2/15/2018**

ENGINEER'S ESTIMATE

LEN REIGLER BLACKTOP, INC.

MICHELS CONSTRUCTION

**2018 STREET PROGRAM -  
EVERGREEN & WALNUT INTERSECTION  
SOUTHGATE, KENTUCKY**

| ITEM NO. | SPEC. NO. | ITEM   | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|----------|-----------|--|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 1        | 110       | MOBILIZATION   | 1                  | LS              | \$3,000.00      | \$3,000.00       | \$200.00        | \$200.00         | \$3,000.00      | \$3,000.00       |
| 2        | 112       | MAINTENANCE OF TRAFFIC   | 1                  | LS              | \$2,000.00      | \$2,000.00       | \$500.00        | \$500.00         | \$700.00        | \$700.00         |
| 3        | 203       | SAWCUT & REMOVE EXISTING PAVEMENT  | 280                | SY              | \$20.00         | \$5,600.00       | \$21.00         | \$5,880.00       | \$14.00         | \$3,920.00       |
| 4        | 207       | SUBGRADE RESHAPING & COMPACTING  | 280                | SY              | \$1.00          | \$280.00         | \$2.00          | \$560.00         | \$1.00          | \$280.00         |
| 5        | 402/403   | 9-1/2" BITUMINOUS CONCRETE BASE  | 280                | SY              | \$50.00         | \$14,000.00      | \$40.00         | \$11,200.00      | \$41.00         | \$11,480.00      |
| 6        | 402/403   | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT)               | 280                | SY              | \$12.00         | \$3,360.00       | \$8.00          | \$2,240.00       | \$7.75          | \$2,170.00       |
| 7        | 506       | "EXTRUDED" CONCRETE CURB   | 40                 | LF              | \$30.00         | \$1,200.00       | \$25.00         | \$1,000.00       | \$15.00         | \$600.00         |
| 8        | SPL*      | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)                             | 280                | SY              | \$6.00          | \$1,680.00       | \$4.00          | \$1,120.00       | \$4.00          | \$1,120.00       |
| 9        | 302*      | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL) | 50                 | CY              | \$50.00         | \$2,500.00       | \$80.00         | \$4,000.00       | \$35.00         | \$1,750.00       |
| 10       | SPL       | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS  | 1                  | EA.             | \$100.00        | \$100.00         | \$250.00        | \$250.00         | \$350.00        | \$350.00         |
| 11       | SPL       | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE   | 5                  | EA              | \$10.00         | \$50.00          | \$10.00         | \$50.00          | \$50.00         | \$250.00         |
| 12       | SPL       | PAVEMENT STRIPING  | 1                  | LS              | \$250.00        | \$250.00         | \$300.00        | \$300.00         | \$300.00        | \$300.00         |
|          |           | <b>SUBTOTAL - EVERGREEN &amp; WALNUT INTERSECTION</b>  |                    |                 |                 | \$34,020.00      |                 | \$27,300.00      |                 | \$25,920.00      |
|          |           | <b>TOTAL BID - CENTER ST., RETREAT ST. &amp; EVERGREEN &amp; WALNUT INTERSECTION</b>                       |                    |                 |                 | \$420,690.00     |                 | \$330,040.00     |                 | \$339,351.50     |



**SOUTHGATE 2018 STREET PROGRAM  
SOUTHGATE, KENTUCKY  
PROJECT: 180066  
Bid Date 2/15/2018**

**JPS CONSTRUCTION**

**BLUEGRASS PAVING**

**BARRETT PAVING**

**EATON ASPHALT**

**2018 STREET PROGRAM -  
EVERGREEN & WALNUT INTERSECTION  
SOUTHGATE, KENTUCKY**

| ITEM NO.   | SPEC. NO. | ITEM   | Estimated Quantity | Unit of Measure | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid | Unit Cost Total | Total Amount Bid |
|--|-----------|--|--------------------|-----------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|-----------------|------------------|
| 1  | 110       | MOBILIZATION   | 1                  | LS              | \$300.00        | \$300.00         | \$527.38        | \$527.38         | \$625.00        | \$625.00         | \$2,100.00      | \$2,100.00       |
| 2  | 112       | MAINTENANCE OF TRAFFIC   | 1                  | LS              | \$500.00        | \$500.00         | \$2,478.53      | \$2,478.53       | \$625.00        | \$625.00         | \$4,000.00      | \$4,000.00       |
| 3  | 203       | SAWCUT & REMOVE EXISTING PAVEMENT  | 280                | SY              | \$20.00         | \$5,600.00       | \$33.41         | \$9,354.80       | \$22.00         | \$6,160.00       | \$23.00         | \$6,440.00       |
| 4  | 207       | SUBGRADE RESHAPING & COMPACTING  | 280                | SY              | \$1.00          | \$280.00         | \$5.49          | \$1,537.20       | \$8.00          | \$2,240.00       | \$4.00          | \$1,120.00       |
| 5  | 402/403   | 9-1/2" BITUMINOUS CONCRETE BASE  | 280                | SY              | \$44.00         | \$12,320.00      | \$35.35         | \$9,898.00       | \$40.00         | \$11,200.00      | \$32.00         | \$8,960.00       |
| 6  | 402/403   | 1-1/2" BITUMINOUS CONCRETE SURFACE W/ FIBER REINFORCEMENT (ACE FIBER OR APPROVED EQUIVALENT)               | 280                | SY              | \$8.80          | \$2,464.00       | \$7.68          | \$2,150.40       | \$13.00         | \$3,640.00       | \$14.00         | \$3,920.00       |
| 7  | 506       | "EXTRUDED" CONCRETE CURB   | 40                 | LF              | \$20.00         | \$800.00         | \$30.00         | \$1,200.00       | \$30.00         | \$1,200.00       | \$35.00         | \$1,400.00       |
| 8  | SPL*      | GEOGRID REINFORCEMENT FOR SUBGRADE REPAIR (TENSAR TX 5 OR APPROVED EQUIVALENT)                             | 280                | SY              | \$4.00          | \$1,120.00       | \$4.05          | \$1,134.00       | \$4.75          | \$1,330.00       | \$2.00          | \$560.00         |
| 9  | 302*      | 6" DENSE GRADED AGGREGATE BASE FOR SUBGRADE REPAIR (INCLUDES EXCAVATION & DISPOSAL OF UNSUITABLE MATERIAL) | 50                 | CY              | \$70.00         | \$3,500.00       | \$109.08        | \$5,454.00       | \$53.00         | \$2,650.00       | \$20.00         | \$1,000.00       |
| 10   | SPL       | ADJUST MANHOLE FRAME AND GRATE TO FINISH GRADE PER SD1 REQUIREMENTS  | 1                  | EA.             | \$350.00        | \$350.00         | \$1,200.00      | \$1,200.00       | \$485.00        | \$485.00         | \$1,000.00      | \$1,000.00       |
| 11   | SPL       | ADJUST WATER/GAS VALVE TO FINISH GRADE PER NKWD/DUKE   | 5                  | EA              | \$100.00        | \$500.00         | \$40.00         | \$200.00         | \$200.00        | \$1,000.00       | \$50.00         | \$250.00         |
| 12   | SPL       | PAVEMENT STRIPING  | 1                  | LS              | \$500.00        | \$500.00         | \$1,152.00      | \$1,152.00       | \$1,800.00      | \$1,800.00       | \$585.00        | \$585.00         |
| <b>SUBTOTAL - EVERGREEN &amp; WALNUT INTERSECTION</b>                                |           |  |                    |                 |                 |                  |                 |                  |                 |                  |                 |                  |
|  |           |  |                    |                 |                 |                  | \$28,234.00     |                  | \$36,286.31     |                  | \$32,955.00     | \$31,335.00      |
| <b>TOTAL BID - CENTER ST., RETREAT ST. &amp; EVERGREEN &amp; WALNUT INTERSECTION</b> |           |  |                    |                 |                 |                  | \$351,206.00    |                  | \$389,187.89    |                  | \$429,362.50    | \$451,815.00     |