

OFFICE OF THE FULTON COUNTY ENGINEER

Frank T. Onweller, P.E., P.S.,
County Engineer

Rod Creager, P.E., P.S.,
Chief Deputy Engineer

**BID QUANTITY TABULATIONS
PROJECT: 2007 ASPHALT RESURFACING**

April 30, 2007

| ENGINEERS | | | | | | | Gerken Paving, Inc. | | | |
|--|----------|----------|-------|--|------------|----------------|---------------------|----------------|----------------------------|--|
| REF. NO. | ITEM NO. | QUANTITY | UNITS | DESCRIPTION | UNIT PRICE | ESTIMATED COST | UNIT PRICE | ESTIMATED COST | | |
| Road 3: St. Rt. 2 to Railroad crossing 3200' X 18.5' surface overlay | | | | | | | | | | |
| 1 | 202 | 60 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 900.00 | \$ 12.50 | \$ 750.00 | | |
| 2 | 448 | 252 | C.Y. | Asphalt Concrete, Type1 PG 64 - 22 surface calculated at 1 3/8"; to be placed at 1 1/4" | \$ 97.00 | \$ 24,444.00 | \$ 93.00 | \$ 23,436.00 | | |
| 3 | 448 | 5 | C.Y. | Asphalt Concrete for Resid. Driveways..... Type 1 surface, PG 64 - 22 2 Driveways | \$ 200.00 | \$ 1,000.00 | \$ 300.00 | \$ 1,500.00 | | |
| 4 | 407 | 658 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 658.00 | \$ 1.00 | \$ 658.00 | | |
| 5 | 617 | 90 | C.Y. | Aggregate Shoulder (1.5' x 3 ")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 3,150.00 | \$ 43.50 | \$ 3,915.00 | | |
| | | | | | | \$ 30,152.00 | | | | |
| Road 6 : Road K to Road L 4103' X 18' Repairs and Surface Course | | | | | | | | | | |
| 6 | 202 | 96 | S.Y. | Pavement grinding of Butt Joints..... | \$ 12.00 | \$ 1,152.00 | \$ 12.50 | \$ 1,200.00 | | |
| 7 | 253 | 23 | C.Y. | Pavement Repair - various 3' wide areas 500 L.F. - PG 64-22 Type 1 surface mix Depth at 5"; placed in two equal lifts | \$ 195.00 | \$ 4,485.00 | \$ 225.00 | \$ 5,175.00 | | |
| 8 | 448 | 400 | C.Y. | Asphalt Concrete, Type1 PG 64 - 22 surface calculated at 1 3/4"; to be placed at 1 1/2" | \$ 97.00 | \$ 38,800.00 | \$ 93.00 | \$ 37,200.00 | | |
| 9 | 407 | 837 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 837.00 | \$ 1.00 | \$ 837.00 | | |
| 10 | 617 | 178 | C.Y. | Aggregate Shoulder (2.0' x 3 1/2")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 6,230.00 | \$ 41.75 | \$ 7,431.50 | | |
| | | | | | | \$ 51,504.00 | | | | |
| PROJECT: 2007 ASPHALT RESURFACING | | | | | | | ENGINEERS | | Gerken Paving, Inc. | |
| REF. NO. | ITEM NO. | QUANTITY | UNITS | DESCRIPTION | UNIT PRICE | ESTIMATED COST | UNIT PRICE | ESTIMATED COST | | |
| Road10 - 3 : Lyons Corp. to Michigan 3052' X 21' Leveling and Surface Courses | | | | | | | | | | |
| 11 | 202 | 202 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 3,030.00 | \$ 12.50 | \$ 2,525.00 | | |
| 12 | 448 | 247 | C.Y. | Asphalt Concrete, Type 1 Interm.Course..... PG 64 - 22: Calc. at 1 1/4"; to be placed at 1" | \$ 97.00 | \$ 23,959.00 | \$ 95.00 | \$ 23,465.00 | | |
| 13 | 448 | 190 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22 (T = 1") | \$ 97.00 | \$ 18,430.00 | \$ 99.00 | \$ 18,810.00 | | |
| 14 | 448 | 20 | C.Y. | Asphalt Concrete for Resid. Driveways..... Type 1 surface, PG 64 - 22 5 driveway approaches | \$ 175.00 | \$ 3,500.00 | \$ 300.00 | \$ 6,000.00 | | |
| 15 | 407 | 1,424 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 1,424.00 | \$ 1.00 | \$ 1,424.00 | | |
| 16 | 617 | 85 | C.Y. | Aggregate Shoulder (1.5' x 2.00"). Material: O.D.O.T. 411; limestone | \$ 37.00 | \$ 3,145.00 | \$ 37.70 | \$ 3,204.50 | | |
| | | | | | | \$ 53,488.00 | | | | |
| Road 11: Road F to St. Rt. 2 5280' X 20.5' repairs and Surface Course | | | | | | | | | | |
| 17 | 202 | 135 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 2,025.00 | \$ 12.50 | \$ 1,687.50 | | |
| 18 | 253 | 93 | C.Y. | Pavement Repair - various 3' wide areas 2000 L.F. - PG 64-22 Type 1 interm. mix Depth at 5"; placed in two equal lifts | \$ 185.00 | \$ 17,205.00 | \$ 160.00 | \$ 14,880.00 | | |
| 19 | 448 | 417 | C.Y. | Asphalt Concrete, Type 1 Surface Course PG 64 - 22: Calc. at 1 1/4"; to be placed at 1" | \$ 97.00 | \$ 40,449.00 | \$ 94.00 | \$ 39,198.00 | | |
| 20 | 407 | 1,270 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 1,270.00 | \$ 1.00 | \$ 1,270.00 | | |
| 21 | 617 | 98 | C.Y. | Aggregate Shoulder (1.5' x 2 ")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 3,430.00 | \$ 46.00 | \$ 4,508.00 | | |

**Road 23; Elmira, N.of US ALT. 20
2,600' x 21'**

\$ 64,379.00

surface milling, leveling, and surface overlay

| | | | | | | | | |
|----|-----|-------|------|--|----------|-------------|----------|-------------|
| 22 | 202 | 94 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 1,410.00 | \$ 12.50 | \$ 1,175.00 |
| 23 | 202 | 5,600 | S.Y. | Wearing course removal 2400' X 21' X 1 3/4" | \$ 1.75 | \$ 9,800.00 | \$ 1.25 | \$ 7,000.00 |

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| REF. NO. | ITEM NO. | QUANTITY | UNITS | DESCRIPTION | UNIT PRICE | ESTIMATED COST | UNIT PRICE | ESTIMATED COST |
|----------|----------|----------|-------|-------------|------------|----------------|------------|----------------|
|----------|----------|----------|-------|-------------|------------|----------------|------------|----------------|

Road 23 (Continued)

| | | | | | | | | |
|----|-----|-------|------|---|----------|--------------|----------|--------------|
| 24 | 448 | 233 | C.Y. | Asphalt Concrete, Intermediate Course..... Type 1, PG 64 - 22 (T = 1 1/2") length at 2400' | \$ 97.00 | \$ 22,601.00 | \$ 96.70 | \$ 22,531.10 |
| 25 | 448 | 212 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22 (T = 1 1/4") length at 2600' | \$ 97.00 | \$ 20,564.00 | \$ 98.00 | \$ 20,776.00 |
| 26 | 407 | 1,125 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 1,125.00 | \$ 1.00 | \$ 1,125.00 |

\$ 55,500.00

**Road H : St. Rt. 109 to Road 12
15,840' X 18'
Surface Course**

| | | | | | | | | |
|----|-----|-------|------|---|----------|--------------|----------|--------------|
| 27 | 202 | 275 | S.Y. | Pavement grinding of Butt Joints..... | \$ 12.50 | \$ 3,438.00 | \$ 12.50 | \$ 3,437.50 |
| 28 | 448 | 880 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22; to be placed at 1" | \$ 95.00 | \$ 83,600.00 | \$ 94.00 | \$ 82,720.00 |
| 29 | 407 | 3,168 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 3,168.00 | \$ 1.00 | \$ 3,168.00 |
| 30 | 617 | 294 | C.Y. | Aggregate Shoulder (1.5' x 2.00 ")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 10,290.00 | \$ 36.65 | \$ 10,775.10 |

\$ 100,496.00

**Road J; St. Rt. 108 to Road 16
6,690 X 22
Repairs, leveling, and surface course**

| | | | | | | | | |
|----|-----|-------|------|---|-----------|--------------|-----------|--------------|
| 31 | 202 | 356 | S.Y. | Pavement grinding of Butt Joints..... | \$ 12.00 | \$ 4,272.00 | \$ 12.50 | \$ 4,450.00 |
| 32 | 253 | 46 | C.Y. | Pavement Repair - various 3' wide areas 1000 L.F. - PG 64-22 Type 1 interm.mix Depth at 5"; placed in two equal lifts | \$ 185.00 | \$ 8,510.00 | \$ 200.00 | \$ 9,200.00 |
| 33 | 448 | 456 | C.Y. | Asphalt Concrete, Type 1 Intern.Course..... PG 64 - 22 - to be placed at 1" | \$ 97.00 | \$ 44,232.00 | \$ 94.00 | \$ 42,864.00 |
| 34 | 448 | 456 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22; to be placed at 1" | \$ 97.00 | \$ 44,232.00 | \$ 95.90 | \$ 43,730.40 |
| 35 | 448 | 15 | C.Y. | Asphalt Concrete for Resid. Driveways..... Type 1 surface, PG 64 - 22 5 driveway approaches | \$ 200.00 | \$ 3,000.00 | \$ 145.00 | \$ 2,175.00 |
| 36 | 407 | 3,276 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 3,276.00 | \$ 1.00 | \$ 3,276.00 |
| 37 | 617 | 186 | C.Y. | Aggregate Shoulder (1.5' x 3.00 ")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 6,510.00 | \$ 39.00 | \$ 7,254.00 |

\$ 114,032.00

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|----------|----------|----------|-------|-------------|------------|----------------|------------|----------------|
|----------|----------|----------|-------|-------------|------------|----------------|------------|----------------|

**Road K; Road 7-2 to Road 8-2
5,280' X 21'**

surface milling, repairs, and surface overlay

| | | | | | | | | |
|----|-----|-------|------|--|-----------|--------------|-----------|--------------|
| 38 | 202 | 135 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 2,025.00 | \$ 12.50 | \$ 1,687.50 |
| 39 | 202 | 3,111 | S.Y. | Wearing course removal - full width, 1" depth 600' at Road 7-2 & 400' at RD. 8-1 & 8-2 | \$ 1.75 | \$ 5,444.00 | \$ 1.25 | \$ 3,888.75 |
| 40 | 253 | 46 | C.Y. | Pavement Repair - various 3' wide areas 1000 L.F. - PG 64-22 Type 1 surface.mix Depth at 5"; placed in two equal lifts | \$ 185.00 | \$ 8,510.00 | \$ 200.00 | \$ 9,200.00 |
| 41 | 448 | 342 | C.Y. | Asphalt Concrete, Type 1 Surface Course PG 64 - 22: to be placed at 1" | \$ 97.00 | \$ 33,174.00 | \$ 96.50 | \$ 33,003.00 |
| 42 | 407 | 1,232 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 1,232.00 | \$ 1.00 | \$ 1,232.00 |
| 43 | 617 | 150 | C.Y. | Aggregate Shoulder (1.5' x 2.00 ")..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 5,250.00 | \$ 34.00 | \$ 5,100.00 |

\$ 55,635.00

**Road L; 2000' east of Road 13 to Road 14
7,050' X 18.5' (existing)
3.0' widening on 6,000', (both sides), &
additional widening at hill area and intersection
21.5' leveling and 21.0' surface course**

| | | | | | | | | |
|----|-----|------|------|---|-----------|--------------|-----------|--------------|
| 44 | 202 | 125 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 1,875.00 | \$ 12.50 | \$ 1,562.50 |
| 45 | 202 | 551 | C.Y. | Trench widening: 3.0' width, 5.00" depth additional 600' at Rd.13, & 700' at hill area | \$ 30.00 | \$ 16,530.00 | \$ 23.00 | \$ 12,673.00 |
| 46 | 204 | 4304 | S.Y. | Subgrade compaction - trench areas | \$ 0.75 | \$ 3,228.00 | \$ 0.30 | \$ 1,291.20 |
| 47 | 301 | 551 | C.Y. | Asph. Conc. base for widening | \$ 95.00 | \$ 52,345.00 | \$ 95.00 | \$ 52,345.00 |
| 48 | 448 | 607 | C.Y. | Asphalt Concrete, leveling Course..... Type 1 surface; PG 64 - 22; width of 21.5' calc. at 1 1/4"; to be placed at 1' | \$ 97.00 | \$ 58,879.00 | \$ 95.50 | \$ 57,968.50 |
| 49 | 448 | 495 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22; to be placed at 1.00" | \$ 97.00 | \$ 48,015.00 | \$ 97.00 | \$ 48,015.00 |
| 50 | 448 | 5 | C.Y. | Asphalt Concrete for Resid. Driveways..... Type 1 surface, PG 64 - 22 | \$ 200.00 | \$ 1,000.00 | \$ 300.00 | \$ 1,500.00 |
| 51 | 452 | 20 | S.Y. | Portland Cement Residential Approaches 2 - 15' X 6' drives; saw cut, removal & prep. | \$ 50.00 | \$ 1,000.00 | \$ 145.00 | \$ 2,900.00 |

ENGINEERS

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| REF. NO. | ITEM NO. | QUANTITY | UNITS | PROJECT: 2007 ASPHALT RESURFACING DESCRIPTION | UNIT PRICE | ESTIMATED COST | UNIT PRICE | ESTIMATED COST |
|---|----------|----------|-------|--|--------------|----------------------|----------------------|----------------|
| Road L; Road 13 to 14 - Continued | | | | | | | | |
| 52 | 407 | 3,800 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 3,800.00 | \$ 1.00 | \$ 3,800.00 |
| 53 | 617 | 196 | C.Y. | Aggregate Shoulder (1.5' x 3.00')..... Material: O.D.O.T. 411; limestone | \$ 35.00 | \$ 6,860.00 | \$ 33.40 | \$ 6,546.40 |
| | | | | | | \$ 193,532.00 | | |
| Road L; Road 20 to Road 21 5,304' X 19 leveling and surface course | | | | | | | | |
| 54 | 202 | 100 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 1,500.00 | \$ 12.50 | \$ 1,250.00 |
| 55 | 448 | 388 | C.Y. | Asphalt Concrete, Type 1 Interm. Course PG 64 - 22: Calc. at 1 1/4"; to be placed at 1" | \$ 97.00 | \$ 37,636.00 | \$ 99.00 | \$ 38,412.00 |
| 56 | 448 | 300 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22 ; to be placed at 1' | \$ 97.00 | \$ 29,100.00 | \$ 105.00 | \$ 31,500.00 |
| 57 | 407 | 2,238 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 2,238.00 | \$ 1.00 | \$ 2,238.00 |
| 58 | 617 | 150 | C.Y. | Aggregate Shoulder (1.5' x 3.00'). Material: O.D.O.T. 411; limestone | \$ 37.00 | \$ 5,550.00 | \$ 43.40 | \$ 6,510.00 |
| | | | | | | \$ 76,024.00 | | |
| Road N : Road 6 to Road 7 6,045' X 18' Surface overlay only | | | | | | | | |
| 59 | 202 | 60 | S.Y. | Pavement grinding of Butt Joints..... | \$ 15.00 | \$ 900.00 | \$ 12.50 | \$ 750.00 |
| 60 | 448 | 336 | C.Y. | Asphalt Concrete, Surface Course..... Type 1, PG 64 - 22 ; to be placed at 1 1/2" | \$ 97.00 | \$ 32,592.00 | \$ 93.00 | \$ 31,248.00 |
| 61 | 407 | 1,209 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 1,209.00 | \$ 1.00 | \$ 1,209.00 |
| | | | | | | \$ 34,701.00 | | |
| Road RS : Road 12 to Road 14 -2 13,500' X 18' Surface overlay only | | | | | | | | |
| 62 | 202 | 60 | S.Y. | Pavement grinding of Butt Joints..... | \$ 17.00 | \$ 1,020.00 | \$ 12.50 | \$ 750.00 |
| 63 | 448 | 936 | C.Y. | Asphalt Concrete, Type 1 Surface Course PG 64 - 22: Calc. at 1 1/4"; to be placed at 1" | \$ 95.00 | \$ 88,920.00 | \$ 95.00 | \$ 88,920.00 |
| 64 | 407 | 2,700 | GAL. | Tack Coat..... Application rate @ 0.10 Gal/S.Y. | \$ 1.00 | \$ 2,700.00 | \$ 1.00 | \$ 2,700.00 |
| | | | | | | \$ 92,640.00 | | |
| INCIDENTALS | | | | | | | | |
| 65 | 614 | 1 | Lump | Maintenance of Traffic..... | \$ 24,500.00 | \$ 24,500.00 | \$ 30,000.00 | \$ 30,000.00 |
| TOTAL AMOUNT OF BID: | | | | | | \$ 946,583.00 | \$ 942,931.45 | |

% difference from Engineer's estimate: **-0.39%**