

CITY OF ROCHESTER HILLS
ENGINEERING SERVICES
1000 ROCHESTER HILLS DRIVE
ROCHESTER HILLS, MICHIGAN 48309

BID TABULATION FOR SHADOW WOODS SUBDIVISION STREET REHABILITATION
CITY FILE E06-023 & CLINTON RIVER TRAILWAY SURFACING PROJECOT E07-001

BID OPENING DATE: 3:00 P.M. April 17, 2007

Engineers Estimate	C & G Myers 53162 Pontiac Trail, Suite A Milford, MI 48381	Ajax Paving Industries, Inc 830 Kirts Blvd., Suite 100 Troy, MI 48084	Pro-Line Asphalt Paving 11797 29 Mile Road Washington Twp, MI 48095
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PART A - SHADOW WOODS SUBDIVISION LOCAL STREETS REHABILITATION

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	HMA Pavement, Rem (Cold Milling), Salvage	45,500	Syd	\$2.50	\$113,750.00	\$3.14	\$142,870.00	\$2.80	\$127,400.00	\$1.88	\$85,540.00
2	HMA Pavement, Rem	5,650	Syd	\$3.00	\$16,950.00	\$3.31	\$18,701.50	\$4.60	\$25,990.00	\$2.14	\$12,091.00
3	Concrete Curb & Gutter, Rem	5,000	Lft	\$5.00	\$25,000.00	\$3.11	\$15,550.00	\$4.50	\$22,500.00	\$2.92	\$14,600.00
4	Concrete Drives, Rem	1,000	Syd	\$4.00	\$4,000.00	\$3.42	\$3,420.00	\$5.50	\$5,500.00	\$1.80	\$1,800.00
5	HMA Drives, Rem	150	Syd	\$3.50	\$525.00	\$3.14	\$471.00	\$5.00	\$750.00	\$2.42	\$363.00
6	HMA Pathway, Rem	320	Sft	\$4.00	\$1,280.00	\$0.33	\$105.60	\$0.60	\$192.00	\$2.58	\$825.60
7	Drainage Structure, Adjust	94	Each	\$150.00	\$14,100.00	\$345.00	\$32,430.00	\$275.00	\$25,850.00	\$225.00	\$21,150.00
8	Drainage Structure, Reconstruct	47	Vft	\$250.00	\$11,750.00	\$250.00	\$11,750.00	\$125.00	\$5,875.00	\$200.00	\$9,400.00
9	Drainage Structure, Recondition	94	Each	\$200.00	\$18,800.00	\$125.00	\$11,750.00	\$150.00	\$14,100.00	\$225.00	\$21,150.00
10	Subgrade Undercutting, Type II (Modified)	7,500	Cyd	\$20.00	\$150,000.00	\$27.50	\$206,250.00	\$27.00	\$202,500.00	\$15.00	\$112,500.00
11	Subgrade Undercutting, Type II (Special)	7,500	Cyd	\$25.00	\$187,500.00	\$23.00	\$172,500.00	\$19.00	\$142,500.00	\$15.00	\$112,500.00
12	Station Grading (Modified)	213	Sta	\$500.00	\$106,500.00	\$495.00	\$105,435.00	\$455.00	\$96,915.00	\$415.00	\$88,395.00
13	6" Subgrade Underdrain (Modified)	10,000	Lft	\$13.00	\$130,000.00	\$7.50	\$75,000.00	\$11.00	\$110,000.00	\$12.38	\$123,800.00
14	Agg Base Under HMA, 9" Depth - 21AA (crushed limestone)	51,150	Syd	\$7.50	\$383,625.00	\$8.75	\$447,562.50	\$7.60	\$388,740.00	\$7.99	\$408,688.50
15	Concrete Curb & Gutter, 4" Mountable	5,000	Lft	\$15.00	\$75,000.00	\$13.50	\$67,500.00	\$12.00	\$60,000.00	\$16.58	\$82,900.00
16	2" HMA, 4C	25	Ton	\$55.00	\$1,375.00	\$70.00	\$1,750.00	\$55.00	\$1,375.00	\$60.10	\$1,502.50
17	2" HMA, 3C	5,650	Ton	\$50.00	\$282,500.00	\$47.25	\$266,962.50	\$44.00	\$248,600.00	\$57.85	\$326,852.50
18	5" HMA, 2C (2 Lifts)	60	Ton	\$50.00	\$3,000.00	\$62.50	\$3,750.00	\$55.00	\$3,300.00	\$56.09	\$3,365.40
19	2" HMA, 13A	5,750	Ton	\$55.00	\$316,250.00	\$46.75	\$268,812.50	\$44.00	\$253,000.00	\$56.24	\$323,380.00
20	Agg Base Under Drives/Paths, 4" Depth - 21AA (Crushed limestone)	1,200	Syd	\$4.00	\$4,800.00	\$5.99	\$7,188.00	\$4.85	\$5,820.00	\$3.69	\$4,428.00
21	Concrete Pavement, Non-reinforced - 6" (Drives)	1,000	Syd	\$30.00	\$30,000.00	\$30.00	\$30,000.00	\$28.00	\$28,000.00	\$36.86	\$36,860.00
22	4" HMA, 3C (Drive) - 2 lifts	35	Ton	\$60.00	\$2,100.00	\$59.00	\$2,065.00	\$55.00	\$1,925.00	\$89.73	\$3,140.55
23	2" HMA, 36A (Drives)	20	Ton	\$65.00	\$1,300.00	\$74.00	\$1,480.00	\$75.00	\$1,500.00	\$92.10	\$1,842.00
24	2" Topsoil Surface & Class "A" Sodding	3,500	Syd	\$5.00	\$17,500.00	\$3.75	\$13,125.00	\$3.75	\$13,125.00	\$4.60	\$16,100.00
25	Remove & Reset Mailboxes	75	each	\$65.00	\$4,875.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00	\$50.00	\$3,750.00
26	Concrete Pathway Ramp, 6" Thick	480	Sft	\$5.00	\$2,400.00	\$5.00	\$2,400.00	\$6.00	\$2,880.00	\$6.15	\$2,952.00
27	Detectable Warning Plate (Cast Iron Black Contrast)	72	Sft	\$30.00	\$2,160.00	\$25.00	\$1,800.00	\$15.00	\$1,080.00	\$30.72	\$2,211.84
28	Erosion Control, Inlet Protection, Fabric Drop	94	Each	\$50.00	\$4,700.00	\$44.03	\$4,138.82	\$35.00	\$3,290.00	\$75.00	\$7,050.00
29	Erosion Control, Silt Fencing	2,500	Lft	\$1.50	\$3,750.00	\$1.15	\$2,875.00	\$1.00	\$2,500.00	\$0.90	\$2,250.00
30	Traffic Maintenance & Control	0.5	L. Sum	\$10,000.00	\$5,000.00	\$40,000.00	\$20,000.00	\$70,000.00	\$35,000.00	\$22,084.13	\$11,042.07
31	Mobilization, \$25,000 Max.	0.5	L. Sum	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00
32	Audio & Video Coverage	0.5	L. Sum	\$5,000.00	\$2,500.00	\$10,000.00	\$5,000.00	\$4,600.00	\$2,300.00	\$4,585.00	\$2,292.50

Sub-total Part A (Items 1-32):	\$1,935,490.00	\$1,958,892.42	\$1,848,757.00	\$1,857,222.46
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33	HMA Pavement, Rem (Pulverize), Salvage - Alternate Bid Item	45,500	Syd	\$4.00	\$182,000.00	\$2.05	\$93,275.00	\$2.25	\$102,375.00	\$3.98	\$181,090.00
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Sub-total Part A (Items 2-33):	\$2,003,740.00	\$1,909,297.42	\$1,823,732.00	\$1,952,772.46
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Engineers Estimate
C & G Myers
53162 Pontiac Trail, Suite A
Milford, MI 48381

Ajax Paving Industries, Inc
830 Kirts Blvd., Suite 100
Troy, MI 48084

Pro-Line Asphalt Paving
11797 29 Mile Road
Washington Twp, MI 48095

PART B - SHADOW WOODS SUBDIVISION POWDERHORN RIDGE MAJOR ROAD REHABILITATION

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	HMA Pavement, Rem (Cold Milling), Salvage	13,550	Syd	\$2.50	\$33,875.00	\$3.15	\$42,682.50	\$2.95	\$39,972.50	\$1.94	\$26,287.00
2	HMA Pavement, Rem	200	Syd	\$3.00	\$600.00	\$3.23	\$646.00	\$5.00	\$1,000.00	\$2.26	\$452.00
3	Concrete Curb & Gutter, Rem	7,400	Lft	\$5.00	\$37,000.00	\$2.18	\$16,132.00	\$4.00	\$29,600.00	\$2.50	\$18,500.00
4	Concrete Drives, Rem	1,000	Syd	\$4.00	\$4,000.00	\$3.42	\$3,420.00	\$5.50	\$5,500.00	\$2.12	\$2,120.00
5	HMA Pathway, Rem	800	Sft	\$4.00	\$3,200.00	\$0.33	\$264.00	\$0.60	\$480.00	\$0.34	\$272.00
6	Drainage Structure, Adjust	19	Each	\$150.00	\$2,850.00	\$345.00	\$6,555.00	\$275.00	\$5,225.00	\$225.00	\$4,275.00
7	Drainage Structure, Reconstruct	10	Vft	\$250.00	\$2,500.00	\$250.00	\$2,500.00	\$125.00	\$1,250.00	\$200.00	\$2,000.00
8	Drainage Structure, Recondition	19	Each	\$200.00	\$3,800.00	\$125.00	\$2,375.00	\$150.00	\$2,850.00	\$225.00	\$4,275.00
9	Subgrade Undercutting, Type II (Modified)	1,250	cyd	\$20.00	\$25,000.00	\$27.50	\$34,375.00	\$26.50	\$33,125.00	\$15.00	\$18,750.00
10	Subgrade Undercutting, Type II (Special)	1,250	cyd	\$25.00	\$31,250.00	\$23.00	\$28,750.00	\$18.50	\$23,125.00	\$15.00	\$18,750.00
11	Station Grading (Modified)	37	Sta	\$800.00	\$29,600.00	\$1,210.00	\$44,770.00	\$880.00	\$32,560.00	\$754.73	\$27,925.01
12	New Drainage Structure, Frame & Cover - Type J	19	Each	\$250.00	\$4,750.00	\$750.00	\$14,250.00	\$725.00	\$13,775.00	\$400.00	\$7,600.00
13	6" Subgrade Underdrain (Modified)	6,000	Lft	\$13.00	\$78,000.00	\$7.50	\$45,000.00	\$11.00	\$66,000.00	\$12.22	\$73,320.00
14	Agg Base Under HMA, 9" Depth - 21AA (crushed limestone)	13,750	Syd	\$7.50	\$103,125.00	\$8.75	\$120,312.50	\$7.60	\$104,500.00	\$7.82	\$107,525.00
15	Concrete Curb & Gutter, (B-2 Modified)	7,400	Lft	\$15.00	\$111,000.00	\$10.55	\$78,070.00	\$11.00	\$81,400.00	\$12.55	\$92,870.00
16	2" HMA, 4C	30	Ton	\$55.00	\$1,650.00	\$62.00	\$1,860.00	\$60.00	\$1,800.00	\$58.20	\$1,746.00
17	4" HMA, 3C (2 Lifts)	3,100	Ton	\$50.00	\$155,000.00	\$47.00	\$145,700.00	\$42.00	\$130,200.00	\$56.02	\$173,662.00
18	5" HMA, 2C (2 Lifts)	75	Ton	\$50.00	\$3,750.00	\$62.25	\$4,668.75	\$55.00	\$4,125.00	\$44.32	\$4,074.00
19	2" HMA, 13A	1,550	Ton	\$55.00	\$85,250.00	\$45.75	\$70,912.50	\$42.50	\$65,875.00	\$58.31	\$90,380.50
20	Agg Base Under Drives/Paths, 4" Depth - 21AA (Crushed limestone)	1,075	Syd	\$4.00	\$4,300.00	\$6.34	\$6,815.50	\$4.85	\$5,213.75	\$3.32	\$3,569.00
21	Concrete Pavement, Non-reinforced - 6" (Drives)	1,000	Syd	\$30.00	\$30,000.00	\$30.00	\$30,000.00	\$28.00	\$28,000.00	\$33.13	\$33,130.00
22	2" Topsoil Surface & Class "A" Sodding	4,200	Syd	\$5.00	\$21,000.00	\$3.75	\$15,750.00	\$3.75	\$15,750.00	\$4.14	\$17,388.00
23	Remove & Reset Mailboxes	50	Each	\$65.00	\$3,250.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00	\$50.00	\$2,500.00
24	Concrete Pathway Ramp, 6" Thick	480	Sft	\$5.00	\$2,400.00	\$5.00	\$2,400.00	\$6.00	\$2,880.00	\$5.52	\$2,649.60
25	Detectable Warning Plate (Cast Iron Black Contrast)	72	Sft	\$30.00	\$2,160.00	\$25.00	\$1,800.00	\$15.00	\$1,080.00	\$27.61	\$1,987.92
26	Inlay Cold Plastic Pavement Markings, Left Turn Arrow	2	Each	\$150.00	\$300.00	\$125.00	\$250.00	\$135.00	\$270.00	\$149.07	\$298.14
27	Inlay Cold Plastic Pavement Markings, Right Turn Arrow	1	Each	\$150.00	\$150.00	\$125.00	\$125.00	\$135.00	\$135.00	\$149.07	\$149.07
28	Inlay Cold Plastic Pavement Markings, Only	4	Each	\$150.00	\$600.00	\$135.00	\$540.00	\$145.00	\$580.00	\$160.11	\$640.44
29	Inlay Cold Plastic Pavement Markings, 24" Stop Bar	44	Lft	\$5.00	\$220.00	\$7.00	\$308.00	\$13.00	\$572.00	\$14.08	\$619.52
30	Inlay Cold Plastic Pavement Markings, 6" X-Walk	272	Lft	\$3.00	\$816.00	\$2.50	\$680.00	\$3.15	\$856.80	\$3.48	\$946.56
31	Thermoquick 701 Pavement Marking, 4" Yellow	7,500	Lft	\$0.25	\$1,875.00	\$0.22	\$1,650.00	\$0.37	\$2,775.00	\$0.41	\$3,075.00
32	Thermoquick 701 Pavement Marking, 4" White	370	Lft	\$0.25	\$92.50	\$1.00	\$370.00	\$0.37	\$136.90	\$0.41	\$151.70
33	Erosion Control, Inlet Protection, Fabric Drop	19	Each	\$50.00	\$950.00	\$44.02	\$836.38	\$35.00	\$665.00	\$75.00	\$1,425.00
34	Erosion Control, Silt Fencing	1,000	Lft	\$1.50	\$1,500.00	\$0.90	\$900.00	\$1.00	\$1,000.00	\$0.90	\$900.00
35	Traffic Maintenance & Control	0.5	L. Sum	\$10,000.00	\$5,000.00	\$40,000.00	\$20,000.00	\$70,000.00	\$35,000.00	\$22,084.13	\$11,042.07
36	Mobilization, \$25,000 Max.	0.5	L. Sum	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00	\$25,000.00	\$12,500.00
37	Audio & Video Coverage	0.5	L. Sum	\$5,000.00	\$2,500.00	\$10,000.00	\$5,000.00	\$4,600.00	\$2,300.00	\$4,585.00	\$2,292.50
Sub-total Part A (Items 1-37):					\$805,813.50		\$765,668.13		\$754,576.95		\$770,048.03

38	HMA Pavement, Rem (Pulverize), Salvage - Alternate Bid Item	13,550	Syd	\$4.00	\$54,200.00	\$2.22	\$30,081.00	\$2.25	\$30,487.50	\$3.71	\$50,270.50
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Sub-total Part A (Item 2-38):

\$826,138.50

\$753,066.63

\$745,091.95

\$794,031.53

Engineers Estimate

C & G Myers
53162 Pontiac Trail, Suite A
Milford, MI 48381

Ajax Paving Industries, Inc
830 Kirts Blvd., Suite 100
Troy, MI 48084

Pro-Line Asphalt Paving
11797 29 Mile Road
Washington Twp, MI 48095

PART C - CLINTON RIVER TRAILWAY SURFACING

Item No.	Description	Quantity	Unit	Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Trailway Station Grading	235	STA	\$200.00	\$47,000.00	\$504.72	\$118,609.20	\$910.00	\$213,850.00	\$382.16	\$89,807.60
2	Culv, CL A, CSP, 12 inch	48	Lft	\$13.00	\$624.00	\$31.30	\$1,502.40	\$22.00	\$1,056.00	\$17.25	\$828.00
3	Culv, CL A, CSP, 24 inch	24	Lft	\$15.00	\$360.00	\$44.75	\$1,074.00	\$43.00	\$1,032.00	\$21.49	\$515.76
4	Culv, CL A, CSP, 36 inch	24	Lft	\$17.00	\$408.00	\$51.92	\$1,246.08	\$57.00	\$1,368.00	\$31.03	\$744.72
5	Culv, CL A, RCP, 12 inch	24	Lft	\$20.00	\$480.00	\$30.05	\$721.20	\$24.00	\$576.00	\$17.98	\$431.52
6	Culv, CL A, RCP, 18 inch	24	Lft	\$22.00	\$528.00	\$35.96	\$863.04	\$35.00	\$840.00	\$26.81	\$643.44
7	Culv, CL A, RCP, 24 inch	24	Lft	\$24.00	\$576.00	\$46.58	\$1,117.92	\$50.00	\$1,200.00	\$36.61	\$878.64
8	Culv, CL A, RCP, 36 inch	24	Lft	\$30.00	\$720.00	\$86.01	\$2,064.24	\$80.00	\$1,920.00	\$49.33	\$1,183.92
9	Culv, CL A, RCP, 48 inch	24	Lft	\$35.00	\$840.00	\$118.87	\$2,852.88	\$110.00	\$2,640.00	\$53.57	\$1,285.68
10	Culv End Sect, Metal, 12 inch	2	Each	\$75.00	\$150.00	\$149.40	\$298.80	\$120.00	\$240.00	\$79.50	\$159.00
11	Culv End Sect, Metal, 24 inch	2	Each	\$100.00	\$200.00	\$230.27	\$460.54	\$340.00	\$680.00	\$146.28	\$292.56
12	Culv End Sect, Metal, 36 inch	2	Each	\$125.00	\$250.00	\$590.91	\$1,181.82	\$775.00	\$1,550.00	\$212.00	\$424.00
13	Culv End Sect, Concrete, 12 inch	2	Each	\$300.00	\$600.00	\$479.56	\$959.12	\$410.00	\$820.00	\$265.00	\$530.00
14	Culv End Sect, Concrete, 18 inch	2	Each	\$325.00	\$650.00	\$560.87	\$1,121.74	\$530.00	\$1,060.00	\$371.00	\$742.00
15	Culv End Sect, Concrete, 24 inch	2	Each	\$350.00	\$700.00	\$598.99	\$1,197.98	\$650.00	\$1,300.00	\$477.00	\$954.00
16	Culv End Sect, Concrete, 36 inch	2	Each	\$375.00	\$750.00	\$1,047.49	\$2,094.98	\$1,400.00	\$2,800.00	\$583.00	\$1,166.00
17	Culv End Sect, Concrete, 48 inch	2	Each	\$400.00	\$800.00	\$1,532.83	\$3,065.66	\$2,000.00	\$4,000.00	\$848.00	\$1,696.00
18	Riprap, Plain	50	Syd	\$50.00	\$2,500.00	\$44.35	\$2,217.50	\$65.00	\$3,250.00	\$50.00	\$2,500.00
19	Riprap, Heavy	50	Syd	\$75.00	\$3,750.00	\$58.74	\$2,937.00	\$85.00	\$4,250.00	\$75.00	\$3,750.00
20	Soil Erosion Control - Silt Fencing	5,000	Lft	\$1.50	\$7,500.00	\$0.90	\$4,500.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00
21	Thermoquick 701 Pavement Marking, 4" Yellow	6,000	Lft	\$0.25	\$1,500.00	\$0.25	\$1,500.00	\$0.39	\$2,340.00	\$0.39	\$2,340.00

Sub-total Part C:

\$70,886.00

\$151,586.10

\$251,772.00

\$115,872.84

Engineers Estimate

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Ajax Paving Industries, Inc
830 Kirts Blvd., Suite 100
Troy, MI 48084

Pro-Line Asphalt Paving
11797 29 Mile Road
Washington Twp, MI 48095

Total Parts A thru C:

\$2,812,189.50

\$2,876,146.65

\$2,855,105.95

\$2,743,143.32

Total Parts A thru C (Alternate):

\$2,900,764.50

\$2,813,950.15

\$2,820,595.95

\$2,862,676.82

OTHER BIDDERS:

TOTALS:

Cadillac Asphalt, LLC, 4751 White Lake Rd, Clarkston, MI 48346

Total Part A-C	\$3,018,339.70
Total Part A-C (Alternate)	\$3,006,529.70

John Carlo, Inc, 4500 River Ridge Dr, Suite 200, Clinton Twp, MI

Total Part A-C	\$3,326,095.00
Total Part A-C (Alternate)	\$3,320,190.00

ABC Paving Company, 2650 Van Horn Rd., Trenton, MI 48183

Total Part A-C	\$3,357,049.50
Total Part A-C (Alternate)	\$3,349,508.50