

R & R Asphalt, Inc.
 2800 Childs Lake Road
 Milford, MI 48381
 P (248) 529-6005
 F (248) 529-6256

Hutch Paving, Inc.
 3000 East Ten Mile Road
 Warren, MI 48091
 P (586) 427-7283
 F (586) 427-7273

Ashpalt Specialists, Inc.
 1780 E. Highwood
 Pontiac, MI 48340
 P (248) 334-4570
 F (248) 334-0134

**DIVISION I - VILLAGE OF BINGHAM FARMS (HRC JOB NO. 20190462 & 20190463)
 2020 HMA STREET REPAIR PROJECT**

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1 Mobilization, Max. 5%	1 LS	\$3,962.00	\$3,962.00	\$4,000.00	\$4,000.00	\$7,000.00	\$7,000.00
2 Color Audio-Video Route Survey	1 LS	\$2,500.00	\$2,500.00	\$16,000.00	\$16,000.00	\$12,000.00	\$12,000.00
3 Cold Milling Existing HMA Pavement, 2 inch	2100 syd	\$5.40	\$11,340.00	\$3.00	\$6,300.00	\$5.50	\$11,550.00
4 HMA Surface, Rem	420 syd	\$9.00	\$3,780.00	\$15.00	\$6,300.00	\$30.00	\$12,600.00
5 Subgrade Undercutting, Type II, Special	140 cyd	\$22.00	\$3,080.00	\$55.00	\$7,700.00	\$40.00	\$5,600.00
6 1" x 3" Crushed Concrete, Special	75 ton	\$30.00	\$2,250.00	\$29.00	\$2,175.00	\$20.00	\$1,500.00
7 Large Aperture Geogrid	210 syd	\$3.50	\$735.00	\$6.00	\$1,260.00	\$8.00	\$1,680.00
8 Aggregate Base, 21AA, Special	130 ton	\$30.00	\$3,900.00	\$29.00	\$3,770.00	\$35.00	\$4,550.00
9 HMA, 4E1, Mod	100 ton	\$127.00	\$12,700.00	\$140.00	\$14,000.00	\$200.00	\$20,000.00
10 HMA, 5E1, Mod	250 ton	\$130.00	\$32,500.00	\$130.00	\$32,500.00	\$220.00	\$55,000.00
11 Sanitary Structure, Adjust	3 ea	\$350.00	\$1,050.00	\$750.00	\$2,250.00	\$650.00	\$1,950.00
12 Structure, Adjust	3 ea	\$350.00	\$1,050.00	\$750.00	\$2,250.00	\$650.00	\$1,950.00
13 Observation Crew Days	\$700/Day	2.00	\$1,400.00 *	5.00	\$3,500.00	8.00	\$5,600.00
Sub-Total Amount of Division I			\$80,247.00 *		\$102,005.00		\$140,980.00

**DIVISION II- VILLAGE OF BEVERLY HILLS (HRC JOB NO. 20200141)
 PUBLIC SAFETY BUILDING PARKING LOT REHABILITATION**

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
1 Mobilization, Max 5%	1 LS	\$4,820.00	\$4,820.00	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00
2 Color Audio-Video Route Survey	1 LS	\$1,500.00	\$1,500.00	\$9,900.00	\$9,900.00	\$3,000.00	\$3,000.00
3 Cold Milling Existing Pavement, 3 inch	1380 syd	\$6.30	\$8,694.00	\$7.50	\$10,350.00	\$8.00	\$11,040.00
4 Cold Milling Existing HMA Pavement, 2 inch	450 syd	\$5.90	\$2,655.00	\$4.50	\$2,025.00	\$6.50	\$2,925.00
5 Pavt Joint and Crack Repr, Det 7	250 ft	\$14.00	\$3,500.00	\$9.00	\$2,250.00	\$16.00	\$4,000.00
6 Pavt Joint and Crack Repr, Det 8	250 ft	\$20.00	\$5,000.00	\$17.00	\$4,250.00	\$20.00	\$5,000.00
7 Pavt Repr, Rem, Special	100 syd	\$25.00	\$2,500.00	\$85.00	\$8,500.00	\$12.00	\$1,200.00
8 Curb and Gutter, Remove and Replace (As-Needed)	50 ft	\$70.00	\$3,500.00	\$50.00	\$2,500.00	\$80.00	\$4,000.00
9 Subgrade Undercutting, Type II, Special	45 cyd	\$22.00	\$990.00	\$55.00	\$2,475.00	\$40.00	\$1,800.00
10 1" x 3" Crushed Concrete, Special	60 ton	\$30.00	\$1,800.00	\$29.00	\$1,740.00	\$20.00	\$1,200.00
11 Large Aperture Geogrid	140 syd	\$3.50	\$490.00	\$5.25	\$735.00	\$10.00	\$1,400.00
12 Aggregate Base, 21AA, Special	30 ton	\$30.00	\$900.00	\$55.00	\$1,650.00	\$35.00	\$1,050.00
13 Hand Patching	40 ton	\$200.00	\$8,000.00	\$250.00	\$10,000.00	\$160.00	\$6,400.00

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**DIVISION I - VILLAGE OF BINGHAM FARMS (HRC JOB NO. 20190462 & 20190463)
 2020 HMA STREET REPAIR PROJECT**

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
14 Pavt Repr, Nonreinf Conc, Special	100 syd	\$81.00	\$8,100.00	\$65.00	\$6,500.00	\$130.00	\$13,000.00
15 Butt Joint	20 ft	\$20.00	\$400.00	\$15.00	\$300.00	\$15.00	\$300.00
16 Structure, Adjust	3 ea	\$350.00	\$1,050.00	\$1,000.00	\$3,000.00	\$650.00	\$1,950.00
17 HMA, 5E1, Mod	280 ton	\$130.00	\$36,400.00	\$135.00	\$37,800.00	\$230.00	\$64,400.00
18 HMA Longitudinal Joint	1510 ft	\$2.00	\$3,020.00	\$0.50	\$755.00	\$3.00	\$4,530.00
19 Pavt Mrkg, Waterborne, For Rest Areas, Parks & Lots, 4 inch, Yellow	655 ft	\$0.80	\$524.00	\$0.50	\$327.50	\$2.00	\$1,310.00
20 Pavt Mrkg, Waterborne, For Rest Areas, Parks & Lots, 4 inch, Blue	225 ft	\$0.80	\$180.00	\$0.50	\$112.50	\$2.40	\$540.00
21 Pavt Mrkg, Ovly Cold Plastic, Accessible Symbol	2 ea	\$20.00	\$40.00	\$35.00	\$70.00	\$700.00	\$1,400.00
22 Sign, Type IIIA	2 sft	\$150.00	\$225.00	\$100.00	\$150.00	\$20.00	\$30.00
23 Post, Steel, 3 lb	10 ft	\$70.00	\$700.00	\$150.00	\$1,500.00	\$15.00	\$150.00
24 Soil Erosion and Sedimentation Control	1 LS	\$1,500.00	\$1,500.00	\$4,500.00	\$4,500.00	\$1,500.00	\$1,500.00
25 Observation Crew Days	\$700/Day	4.00	\$2,800.00 *	5.00	\$3,500.00	6.00	\$4,200.00
Sub-Total Amount of Division II			\$99,288.00 *		\$119,890.00		\$143,325.00
Total Amount of Bid (Division I + Division II)			\$179,535.00 *		\$221,895.00		\$284,305.00

ALTERNATE NO. 1* - Using Fiber Reinforcement in the Hot Mix Asphalt

Item	Quantity	Unit Price	Total Cost	Unit Price	Total Cost	Unit Price	Total Cost
17a HMA, 5E1 with Fiber Reinforcement, Mod	280 ton	162	\$45,360.00	\$175.00	\$49,000.00	\$270.00	\$75,600.00

Corrected by Engineer *

ENGINEER: Bradley Shepler, P.E.
 Hubbell, Roth & Clark, Inc.
 555 Hulet Drive
 P.O. Box 824
 Bloomfield Hills, MI 48083-0824

