

2011 Street Resurfacing Project
 File 2011-004 Bid No. IT-4139
 Bid Opening: March 17, 2011

Barrett Paving Materials
 5800 Cherry Hill
 Ypsilanti, MI 48198
 734-985-9489

Cadillac
 2575 Haggery Rd Suite 100
 Canton, MI 48188
 734-397-2050

Ajax
 830 Kirts Blvd
 Troy, MI 48084
 248-244-3300

ITEM	DESCRIPTION	UNITS	ESTIM. QUANT.	Engineer Unit Price	Engineer Estimate	Barrett Paving Materials		Cadillac		Ajax	
						Unit Price	Total	Unit Price	Total	Unit Price	Total
140	EXPLORATORY EXCAVATION (0 – 10' DEEP), TD-TYPE	EACH	6	\$ 1,000.00	\$ 6,000.00	\$600.00	\$3,600.00	\$600.00	\$3,600.00	\$600.00	\$3,600.00
144	EXPLORATORY EXCAVATION, ADD'L DEPTH	VF	12	\$ 100.00	\$ 1,200.00	\$35.00	\$420.00	\$40.00	\$480.00	\$40.00	\$480.00
201	PROJECT SUPERVISION, MAX \$125,000	L.S.	1	\$ 125,000.00	\$ 125,000.00	\$125,000.00	\$125,000.00	\$87,230.00	\$87,230.00	\$41,000.00	\$41,000.00
202	GENERAL CONDITIONS, MAX \$150,000	L.S.	1	\$ 150,000.00	\$ 150,000.00	\$92,500.00	\$92,500.00	\$85,320.00	\$85,320.00	\$150,000.00	\$150,000.00
203	MINOR TRAFFIC DEVICES, MAX \$85,000	L.S.	1	\$ 85,000.00	\$ 85,000.00	\$85,000.00	\$85,000.00	\$85,980.00	\$85,980.00	\$69,000.00	\$69,000.00
204	AUDIOVISUAL TAPE COVERAGE	L.S.	1	\$ 2,500.00	\$ 2,500.00	\$3,985.00	\$3,985.00	\$3,985.00	\$3,985.00	\$4,350.00	\$4,350.00
206	REMOVE HMA PAVEMENT	S.Y.	520	\$ 4.00	\$ 2,080.00	\$3.50	\$1,820.00	\$5.00	\$2,600.00	\$10.00	\$5,200.00
207	COLD MILLING PAVEMENT	TON	15,500	\$ 13.00	\$ 201,500.00	\$8.25	\$127,875.00	\$12.00	\$186,000.00	\$13.75	\$213,125.00
208	COLD MILLING PVMNT, CURB REVEAL	TON	35	\$ 18.00	\$ 630.00	\$15.00	\$525.00	\$30.00	\$1,050.00	\$20.00	\$700.00
209	SUBGRADE UNDERCUTTING - TYPE II	C.Y.	3,650	\$ 14.50	\$ 52,925.00	\$7.00	\$25,550.00	\$17.25	\$62,962.50	\$25.00	\$91,250.00
210	STABILIZATION GEOTEXTILE	S.Y.	100	\$ 2.50	\$ 250.00	\$5.00	\$500.00	\$15.00	\$1,500.00	\$15.00	\$1,500.00
211	HIGH PERFORMANCE BIAXIAL GEOGRID	S.Y.	100	\$ 5.25	\$ 525.00	\$11.00	\$1,100.00	\$20.00	\$2,000.00	\$20.00	\$2,000.00
212	MACHINE GRADING, MODIFIED	STA	66	\$ 3,695.00	\$ 243,870.00	\$3,900.00	\$257,400.00	\$4,300.00	\$283,800.00	\$4,988.00	\$329,208.00
214	GEOSYTHETIC PAVING FABRIC	S.Y.	100	\$ 4.00	\$ 400.00	\$10.00	\$1,000.00	\$10.00	\$1,000.00	\$3.50	\$350.00
216	MULCH BLANKET	S.Y.	2,700	\$ 3.00	\$ 8,100.00	\$3.50	\$9,450.00	\$3.50	\$9,450.00	\$1.50	\$4,050.00
217	REMOVE & REPLACE BRICK PAVERS - ANY TYPE	S.F.	200	\$ 13.00	\$ 2,600.00	\$8.50	\$1,700.00	\$8.50	\$1,700.00	\$11.30	\$2,260.00
220	HMA PATCHING	TON	50	\$ 88.00	\$ 4,400.00	\$100.00	\$5,000.00	\$100.00	\$5,000.00	\$175.00	\$8,750.00
221	HMA PAVEMENT FINISH WEDGING	TON	145	\$ 125.00	\$ 18,125.00	\$115.00	\$16,675.00	\$100.00	\$14,500.00	\$155.00	\$22,475.00
222	HMA PAVEMENT LEVELING, REGULAR	TON	3,900	\$ 60.00	\$ 234,000.00	\$49.00	\$191,100.00	\$55.13	\$215,007.00	\$66.00	\$257,400.00
223	HMA PAVEMENT WEARING, REGULAR	TON	2,500	\$ 62.00	\$ 155,000.00	\$49.00	\$122,500.00	\$62.02	\$155,050.00	\$70.00	\$175,000.00
224	HMA PAVEMENT BASE OR LEVELING - 3C	TON	4,200	\$ 65.00	\$ 273,000.00	\$50.00	\$210,000.00	\$54.97	\$230,874.00	\$58.00	\$243,600.00
226	HMA PAVEMENT WEARING - 5E3	TON	6,000	\$ 84.50	\$ 507,000.00	\$74.00	\$444,000.00	\$73.33	\$439,980.00	\$85.00	\$510,000.00
227	HMA PAVEMENT BASE OR LEVELING - 4E3	TON	4,300	\$ 84.50	\$ 363,350.00	\$65.00	\$279,500.00	\$63.93	\$274,899.00	\$65.10	\$279,930.00
230	REM. CURB AND GUTTER, ANY TYPE	L.F.	17,500	\$ 15.80	\$ 276,500.00	\$7.00	\$122,500.00	\$7.00	\$122,500.00	\$7.00	\$122,500.00
232	REM. CONC. SIDEWALK & DRIVE - ANY THICKNESS	S.F.	36,000	\$ 1.05	\$ 37,800.00	\$1.05	\$37,800.00	\$1.05	\$37,800.00	\$1.05	\$37,800.00
237	CONC. CURB & GUTTER - ANY TYPE - FIXED FORM	L.F.	15,800	\$ 16.40	\$ 259,120.00	\$22.10	\$349,180.00	\$22.10	\$349,180.00	\$15.75	\$248,850.00
238	CONC. CURB & GUTTER - ANY TYPE - FIXED FORM - F.L.F.	L.F.	1,300	\$ 16.75	\$ 21,775.00	\$22.10	\$28,730.00	\$22.10	\$28,730.00	\$16.70	\$21,710.00
239	CONC. CURB & GUTTER - ANY TYPE - SLIP FORM	L.F.	2,300	\$ 11.30	\$ 25,990.00	\$12.75	\$29,325.00	\$12.75	\$29,325.00	\$11.90	\$27,370.00
240	4" SIDEWALK OR RAMP	S.F.	18,500	\$ 5.75	\$ 106,375.00	\$5.13	\$94,905.00	\$5.13	\$94,905.00	\$4.15	\$76,775.00
241	6" DRIVE, SIDEWALK OR RAMP	S.F.	17,500	\$ 6.60	\$ 115,500.00	\$6.17	\$107,975.00	\$6.17	\$107,975.00	\$4.75	\$83,125.00
243	8" DRIVE, SIDEWALK OR RAMP - HIGH EARLY	S.F.	3,010	\$ 7.80	\$ 23,478.00	\$6.60	\$19,866.00	\$6.60	\$19,866.00	\$5.90	\$17,759.00
245	DETECTABLE WARNING, CAST IN PLACE	S.F.	1,250	\$ 22.50	\$ 28,125.00	\$11.15	\$13,937.50	\$11.15	\$13,937.50	\$16.60	\$20,750.00
246	INTEGRAL SIDEWALK RET. WALL (< 6")	S.F.	600	\$ 12.75	\$ 7,650.00	\$1.00	\$600.00	\$1.00	\$600.00	\$12.00	\$7,200.00
247	INTEGRAL SIDEWALK RET. WALL (6"-18")	S.F.	700	\$ 17.00	\$ 11,900.00	\$16.50	\$11,550.00	\$16.50	\$11,550.00	\$12.00	\$8,400.00
250	2-FOOT DIAM. STRUCTURE	EACH	55	\$ 2,200.00	\$ 121,000.00	\$1,950.00	\$107,250.00	\$1,950.00	\$107,250.00	\$2,000.00	\$110,000.00
253	ADD'L DEPTH STRUCTURE ADJ/REPAIR	V.F.	17	\$ 180.00	\$ 3,060.00	\$150.00	\$2,550.00	\$150.00	\$2,550.00	\$200.00	\$3,400.00
254	LOWER STRUCTURE COVER	EACH	150	\$ 245.00	\$ 36,750.00	\$200.00	\$30,000.00	\$200.00	\$30,000.00	\$200.00	\$30,000.00
255	LOWER MON./GATE VALVE BOX	EACH	20	\$ 190.00	\$ 3,800.00	\$175.00	\$3,500.00	\$175.00	\$3,500.00	\$175.00	\$3,500.00
256	ADJUST STRUCTURE COVER	EACH	150	\$ 300.00	\$ 45,000.00	\$300.00	\$45,000.00	\$300.00	\$45,000.00	\$315.00	\$47,250.00
257	ADJUST CURB INLET STRUCTURE COVER	EACH	85	\$ 165.00	\$ 14,025.00	\$50.00	\$4,250.00	\$75.00	\$6,375.00	\$50.00	\$4,250.00
258	ADJ. MONUMENT OR GATE VALVE BOX	EACH	35	\$ 270.00	\$ 9,450.00	\$275.00	\$9,625.00	\$275.00	\$9,625.00	\$385.00	\$13,475.00
259	MANHOLE FLANGE & COVER (MDOT TYPE A)	EACH	111	\$ 350.00	\$ 38,850.00	\$275.00	\$30,525.00	\$275.00	\$30,525.00	\$300.00	\$33,300.00
260	INLET STRUCTURE COVER (MDOT TYPE K)	EACH	25	\$ 500.00	\$ 12,500.00	\$400.00	\$10,000.00	\$400.00	\$10,000.00	\$425.00	\$10,625.00
261	POINT STRUCTURE	EACH	30	\$ 75.00	\$ 2,250.00	\$25.00	\$750.00	\$25.00	\$750.00	\$50.00	\$1,500.00
263	CLEAN OUT DISCOVERED MANHOLE	EACH	1	\$ 145.00	\$ 145.00	\$100.00	\$100.00	\$100.00	\$100.00	\$250.00	\$250.00
264	12" C-76 CL IV STORM SEWER	L.F.	640	\$ 85.00	\$ 54,400.00	\$75.00	\$48,000.00	\$75.00	\$48,000.00	\$85.00	\$54,400.00

2011 Street Resurfacing Project
 File 2011-004 Bid No. IT-4139
 Bid Opening: March 17, 2011

Barrett Paving Materials
 5800 Cherry Hill
 Ypsilanti, MI 48198
 734-985-9489

Cadillac
 2575 Haggery Rd Suite 100
 Canton, MI 48188
 734-397-2050

Ajax
 830 Kirts Blvd
 Troy, MI 48084
 248-244-3300

ITEM DESCRIPTION	UNITS	ESTIM. QUANT.	Engineer Unit		Unit Price	Total	Cadillac		Ajax	
			Price	Estimate			Unit Price	Total	Unit Price	Total
267 6" WRAPPED UNDERDRAIN	L.F.	6,000	\$ 12.60	\$ 75,600.00	\$13.00	\$78,000.00	\$13.00	\$78,000.00	\$13.00	\$78,000.00
271 21AA LIMESTONE - C.I.P.	C.Y.	4,500	\$ 31.50	\$ 141,750.00	\$22.00	\$99,000.00	\$32.75	\$147,375.00	\$30.00	\$135,000.00
272 AGG. BASE COURSE, 21AA - C.I.P.	C.Y.	3,100	\$ 30.00	\$ 93,000.00	\$30.00	\$93,000.00	\$63.83	\$197,873.00	\$63.83	\$197,873.00
273 SAND SUBBASE COURSE, CLASS II - C.I.P.	C.Y.	2,500	\$ 18.50	\$ 46,250.00	\$15.00	\$37,500.00	\$48.32	\$120,800.00	\$48.32	\$120,800.00
274 AGGREGATE SHOULDER, CLASS I, 2.5-INCH	S.Y.	2,400	\$ 2.00	\$ 4,800.00	\$3.65	\$8,760.00	\$3.00	\$7,200.00	\$6.70	\$16,080.00
277 REM/REPL HISTORIC STONE CURB	L.F.	90	\$ 75.00	\$ 6,750.00	\$31.50	\$2,835.00	\$31.50	\$2,835.00	\$31.50	\$2,835.00
278 SPEED HUMP (STANDARD)	S.Y.	265	\$ 85.00	\$ 22,525.00	\$58.00	\$15,370.00	\$50.00	\$13,250.00	\$115.45	\$30,594.25
279 RAISED INTERSECTION	S.Y.	260	\$ 85.00	\$ 22,100.00	\$30.00	\$7,800.00	\$50.00	\$13,000.00	\$117.67	\$30,594.20
281 ARROW PANEL - FURNISH & OPERATE	EACH	12	\$ 625.00	\$ 7,500.00	\$500.00	\$6,000.00	\$736.00	\$8,832.00	\$400.00	\$4,800.00
282 PLASTIC DRUM - LIGHTED - FURN. & OPER.	EACH	1,800	\$ 30.00	\$ 54,000.00	\$13.13	\$23,634.00	\$29.44	\$52,992.00	\$23.50	\$42,300.00
283 BARRICADE TYPE III - FURN. & OPERATE	EACH	110	\$ 75.00	\$ 8,250.00	\$100.00	\$11,000.00	\$101.20	\$11,132.00	\$95.00	\$10,450.00
284 TEMPORARY SIGN - TYPE B	S.F.	3,550	\$ 6.00	\$ 21,300.00	\$0.01	\$35.50	\$3.68	\$13,064.00	\$3.40	\$12,070.00
285 NO PARKING SIGN	EACH	265	\$ 20.00	\$ 5,300.00	\$12.00	\$3,180.00	\$15.00	\$3,975.00	\$37.50	\$9,937.50
286 SIGN, PORABLE CHANGEABLE MESS., FURN.	EACH	4	\$ 4,000.00	\$ 16,000.00	\$4,500.00	\$18,000.00	\$1,840.00	\$7,360.00	\$4,200.00	\$16,800.00
287 SIGN, PORABLE CHANGEABLE MESS., OPER.	EACH	8	\$ 500.00	\$ 4,000.00	\$1.00	\$8.00	\$368.00	\$2,944.00	\$0.01	\$0.08
288 PART WIDTH CONSTRUCTION	STA	155	\$ 500.00	\$ 77,500.00	\$5.00	\$775.00	\$10.00	\$1,550.00	\$10.00	\$1,550.00
295 TUBULAR MARKERS, 36", FURN. & OPER.	EACH	10	\$ 40.00	\$ 400.00	\$40.00	\$400.00	\$35.00	\$350.00	\$35.00	\$350.00
305 8" PVC SDR35 SEWER PIPE, TD I	L.F.	180	\$ 90.00	\$ 16,200.00	\$120.00	\$21,600.00	\$125.00	\$22,500.00	\$125.00	\$22,500.00
335 8" PVC SDR35 WYE	EA	6	\$ 30.00	\$ 180.00	\$130.00	\$780.00	\$135.00	\$810.00	\$135.00	\$810.00
350 4" SDR35 RISER	VF	55	\$ 50.00	\$ 2,750.00	\$35.00	\$1,925.00	\$40.00	\$2,200.00	\$40.00	\$2,200.00
353 4" SDR35 SERVICE LEAD	LF	120	\$ 350.00	\$ 42,000.00	\$55.00	\$6,600.00	\$60.00	\$7,200.00	\$60.00	\$7,200.00
360 TYPE 1 MANHOLE (0-10' deep)	EA	2	\$ 3,000.00	\$ 6,000.00	\$3,600.00	\$7,200.00	\$3,750.00	\$7,500.00	\$3,750.00	\$7,500.00
385 SEWER PIPE ABANDONMENT	LF	180	\$ 112.50	\$ 20,250.00	\$15.00	\$2,700.00	\$15.00	\$2,700.00	\$15.00	\$2,700.00
386 SEWER STRUCTURE ABANDONMENT	EA	1	\$ 2,500.00	\$ 2,500.00	\$600.00	\$600.00	\$650.00	\$650.00	\$650.00	\$650.00
392 PIPE UNDERCUT & REFILL 6A	C.Y.	60	\$ 25.00	\$ 1,500.00	\$4.00	\$240.00	\$5.00	\$300.00	\$5.00	\$300.00
580 REM. PAVEMENT MARKING	L.F.	320	\$ 0.85	\$ 272.00	\$0.75	\$240.00	\$0.75	\$240.00	\$0.75	\$240.00
581 REM. PAVEMENT MARKING, SYMBOL OR LEGEND	EACH	2	\$ 37.50	\$ 75.00	\$35.00	\$70.00	\$35.00	\$70.00	\$35.00	\$70.00
582 TEMP. PVMT. MKG., TYPE R, 4" WHITE OR YELLOW	L.F.	8,200	\$ 1.45	\$ 11,890.00	\$2.05	\$16,810.00	\$2.05	\$16,810.00	\$2.05	\$16,810.00
584 TEMP. PVMT. MKG., TYPE NR, 4" WHITE OR YELLOW	L.F.	9,200	\$ 1.00	\$ 9,200.00	\$2.05	\$18,860.00	\$2.05	\$18,860.00	\$2.05	\$18,860.00
586 TEMP. PVMT. MKG., TYPE R, 24" WHITE	L.F.	157	\$ 13.00	\$ 2,041.00	\$12.75	\$2,001.75	\$12.75	\$2,001.75	\$12.75	\$2,001.75
594 THERMOPL. PVMT. MKG., 4" WHITE	L.F.	11,000	\$ 1.05	\$ 11,550.00	\$0.57	\$6,270.00	\$0.57	\$6,270.00	\$0.57	\$6,270.00
595 THERMOPL. PVMT. MKG., 4" YELLOW	L.F.	32,000	\$ 1.05	\$ 33,600.00	\$0.57	\$18,240.00	\$0.57	\$18,240.00	\$0.57	\$18,240.00
596 THERMOPL. PVMT. MKG., 6" WHITE OR YELLOW	L.F.	16,200	\$ 1.60	\$ 25,920.00	\$0.77	\$12,474.00	\$0.77	\$12,474.00	\$0.77	\$12,474.00
597 THERMOPL. PVMT. MKG., 24" WHITE	L.F.	2,000	\$ 11.40	\$ 22,800.00	\$8.50	\$17,000.00	\$8.50	\$17,000.00	\$8.50	\$17,000.00
598 THERMOPL. PVMT. MKG., SYMBOL OR LEGEND	EACH	30	\$ 85.00	\$ 2,550.00	\$85.00	\$2,550.00	\$85.00	\$2,550.00	\$85.00	\$2,550.00
599 COLD PLASTIC BIKE SYMB. W/ ARROW	EACH	15	\$ 210.00	\$ 3,150.00	\$265.00	\$3,975.00	\$265.00	\$3,975.00	\$265.00	\$3,975.00
614 3" SCHEDULE 80 PVC CONDUIT	L.F.	1,800	\$ 15.00	\$ 27,000.00	\$12.50	\$22,500.00	\$12.50	\$22,500.00	\$17.00	\$30,600.00
615 8" HDPE STORM	L.F.	400	\$ 60.00	\$ 24,000.00	\$50.00	\$20,000.00	\$60.00	\$24,000.00	\$60.00	\$24,000.00
620 ELECTRICAL HANDHOLE 17 x 30	EA	11	\$ 500.00	\$ 5,500.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$450.00	\$4,950.00
882 TOPSOIL, SEED, AND MULCH	S.Y.	2,900	\$ 6.25	\$ 18,125.00	\$2.50	\$7,250.00	\$2.50	\$7,250.00	\$2.50	\$7,250.00
				\$ 4,588,976.00	Total Bid Amount	\$3,710,951.75		\$4,144,293.75		\$4,318,601.78
					As Read Bid	\$ 3,711,311.75		\$ 4,144,293.75		\$ 4,249,263.78
					Difference	\$ (360.00)		\$ -		\$ 69,338.00