

**Midland County Road Commission
AS AWARDED - 2017 Material Bid Tabulations**

Contractor/vendor			Ace-Saginaw Paving	Central Asphalt	Pyramid Paving	Asphalt Paving Hodgins	Rieth-Riley
Item	Description	Rate					
ITEM 1	HMA PAVING	"/ton"					
Item 1.a.	HMA 13A	"/ton"	\$52.75	\$43.51	\$53.25		\$58.00
Item 1.b.	Wedging, Partial Lane	"/ton"	\$58.25	\$58.43	\$65.05		\$66.00
Item 1.c.	Wedging, Full Lane	"/ton"	\$52.75	\$48.88	\$62.80		\$63.00
Item 1.d.	HMA 36A	"/ton"	\$56.25	\$48.88	\$58.20		\$63.00
Item 1.e.	HMA Ultra Thin	"/ton"	\$64.50	\$62.49	\$73.20		\$73.00
Item 1.f.	Skip Patching	"/ton"	\$132.50	\$63.83	\$251.00	\$218.00	\$225.00
Item 1.g.	Shoulders, Class II	"/ton"	\$24.00	\$19.43	\$25.25		\$22.00
Item 1.h.	HMA 13A, Parking Lot	"/ton"	\$70.00	\$68.03	\$102.75	\$102.00	\$100.00
Item 1.i.	HMA 36A, Parking Lot	"/ton"	\$73.00	\$69.38	\$107.10	\$110.00	\$105.00

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Contractor/vendor			Ace-Saginaw Paving	Unique Paving Materials
Item	Description	Rate		
ITEM 2	COLD PATCH	"/ton"	\$88.00	\$96.19 *

* Alternate materials submitted: "UPM"

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Contractor/vendor			Shults	Truck & Trailer Specialities	Truck & Trailer Specialities	Tupes	St. Regis Culvert
Item	Description	Rate		Bid Price	Bulk Order *		
ITEM 3	BLADES	"/blade"					
	5/8" x 6" x 72" Blades, Single Bevel, Carbon		\$49.90	\$51.13	\$48.57	\$50.46	\$55.44
	5/8" x 6" x 84" Blades, Single Bevel, Carbon		\$66.35	\$67.64	\$64.25	\$67.07	\$64.68
	5/8" x 8" x 72" Blades, Single Bevel, Carbon		\$65.60	\$66.93	\$63.58	\$66.31	\$81.00
	5/8" x 8" x 84" Blades, Single Bevel, Carbon		\$76.50	\$79.42	\$75.44	\$77.36	\$94.50
	5/8" x 7/8" x 8" x 72" Blades, Double Bevel "Surface Hardened"		\$92.50	\$99.63	\$94.64	\$93.56	
	5/8" x 7/8" x 8" x 84" Blades, Double Bevel "Surface Hardened"		\$120.20	\$118.72	\$112.78	\$121.53	
	1/2" x 6" x 72" Serrated Ice Blades "Through Hardened"		\$33.89	\$48.88	\$46.43	\$33.91	\$82.50
	1/2" x 6" x 84" Serrated Ice Blades "Through Hardened"		\$39.12	\$57.13	\$54.27	\$39.30	\$96.25
	5/8" x 8" x 108" Reverse Curve Wing Blade		\$102.00	\$112.64	\$106.98	\$100.15	\$129.85
	Recycled Tire Wing Blade			\$1,075.00			

* 5% discount if order is placed before March 31st, 2017 and meets or exceeds 38,000 lbs

MCRC staff will determine vendor selection at the time of purchase based on pricing in the best interests of the road commission.

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Contractor/vendor			Liquid Calcium Chloride Sales	Mich Chloride Sales
Item	Description	Rate		
ITEM 4	BRINE	"/gal"		
	38% Liquid Calcium Chloride Applied Continuous		\$0.551	
	Mineral Well Brine Applied Continuous			\$0.159
	38% Liquid Calcium Chloride Picked up at Terminal		\$0.521	
	Mineral Well Brine Picked up at Terminal			\$0.070
			Based on 6,000 to 9,000 gallon loads	Based on 9,500 gallon loads

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Contractor/vendor			Dalton's	DeAngelo Bros.	Owens Tree Service	TruGreen	Village Green
Item	Description	Rate					
ITEM 5	BRUSH SPRAY	"/gal"					
	a) Brush Control		\$0.975	\$0.9987	\$0.74	\$1.45	\$0.75
	b) Brush Control - Sensitive Areas		\$1.95	\$1.80	\$0.74	\$1.45	\$1.75
	c) Cattail Control		\$2.85	\$1.08	\$2.45		\$0.73
	d) Phragmites Control		\$2.85	\$1.08	\$2.45		\$0.99

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Contractor/vendor			ADS	Jensen Bridge	St. Regis Culvert **	Contech	Vanderveelde Sales *	Cadillac Culvert
Item	Description	Rate						
ITEM 6	CULVERTS	"/ft"						
Item 6.a.	Corrugated Dual Wall Plastic Pipe							
	12"		\$4.05	\$5.04	\$5.05		\$4.06	
	18"		\$8.00	\$8.48	\$9.10		\$7.94	
	24"		\$13.15	\$15.21	\$14.80		\$13.09	
	30"		\$21.50	\$23.65	\$24.05		\$19.46	
	36"		\$25.10	\$31.66	\$28.90		\$25.17	
	48"		\$41.32	\$48.32			\$41.36	
	54"							
	60"		\$70.00	\$91.61				
Item 6.b.	Alum. Type II Corr. Metal Pipe							
	12"			\$6.50	\$6.65	\$6.23		\$7.95
						16 Gauge		14 Gauge
	18"			\$9.84	\$10.30	\$9.46		\$12.50
						16 Gauge		14 Gauge
	24"			\$15.00	\$13.40	\$10.91		\$16.80
				14 Gauge		16 Gauge		14 Gauge
	30"			\$19.12	\$16.95	\$15.62		\$20.50
				14 Gauge		16 Gauge		14 Gauge

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Contractor/vendor			ADS	Jensen Bridge	St. Regis Culvert **	Contech	Vanderveelde Sales *	Cadillac Culvert
Item	Description	Rate						
ITEM 6	CULVERTS	"/ft"						
	36"			\$23.62	\$20.45	\$19.68		\$24.80
				14 Gauge		16 Gauge		14 Gauge
	48"			\$40.08	\$26.80	\$26.65		\$34.80
				12 Gauge		16 Gauge		14 Gauge
	54"			\$70.73	\$38.10	\$37.02		\$52.15
				10 Gauge	14 Gauge	14 Gauge		12 Gauge
	60"			\$76.72	\$65.00	\$47.91		\$58.90
				10 Gauge	12 Gauge	14 Gauge		12 Gauge

* all pipe size 30 and larger come as belled only. 1/4 truck load minimum
 ** Prices only good for 120 days from bid date

Aluminum Type II: At the time of purchase, the gauge of pipe will be considered on a case-by-case basis.

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Contractor/vendor			Products	Bit-Mat	Mich Paving & Materials
Item	Description	Rate			
ITEM 7	SPRAY PATCH MIX EMULSION	"/gal"	HFRS-2		AMS Seal SP
	Delivered to MCRC			\$1.79	\$2.20
	FOB/Point of Supply			\$1.42	\$1.60
					AMS Seal WP
	Delivered to MCRC				\$2.30
	FOB/Point of Supply				\$1.70

Vendor will be selected after purchase and evaluation of the Spray Injection Patcher.

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone	Elmer's Team
Item	Description	Rate					
ITEM 8	AGGREGATES	"/ton"					
Item 8.a.	22A 100% Crushed Limestone						
	Sanford Garage		\$19.71	\$14.91	\$16.50	\$20.15	\$15.31
	Clay Pit		\$19.71	\$15.20	\$16.75	\$20.15	\$15.70
	Ingersoll Garage		\$19.71	\$16.93	\$16.50	\$20.25	\$16.70
	Jasper Garage		\$19.71	\$18.39	\$16.75	\$20.50	\$17.10
	Edenville			\$17.67		\$20.50	
	Geneva			\$18.35		\$20.75	
	Greendale			\$17.67		\$20.50	
	Homer			\$16.43		\$20.00	
	Hope			\$17.67		\$20.50	
	Ingersoll			\$16.43		\$19.85	
	Jasper			\$18.49		\$20.75	
	Jerome			\$17.39		\$20.25	
	Larkin			\$16.01		\$19.85	
	Lee			\$17.25		\$20.25	
	Lincoln			\$17.11		\$20.25	
	Midland			\$16.02		\$19.85	
	Mills			\$16.70		\$19.85	
	Mount Haley			\$17.25		\$20.25	
	Porter			\$17.39		\$20.50	
	Warren			\$18.35		\$20.75	
Item 8.b.	23A 100% Crushed Limestone						
	Sanford Garage		\$19.66	\$14.90	\$16.50	\$20.15	\$15.11
	Clay Pit		\$19.66	\$15.20	\$16.75	\$20.15	\$15.45
	Ingersoll Garage		\$19.66	\$16.93	\$16.50	\$20.25	\$16.45
	Jasper Garage		\$19.66	\$18.39	\$16.75	\$20.50	\$16.85
	Edenville			\$17.67		\$20.50	

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone	Elmer's Team
Item	Description	Rate					
ITEM 8	AGGREGATES	"/ton"					
	Geneva			\$18.35		\$20.75	
	Greendale			\$17.67		\$20.50	
	Homer			\$16.43		\$20.00	
	Hope			\$17.67		\$20.50	
	Ingersoll			\$16.43		\$19.85	
	Jasper			\$18.49		\$20.75	
	Jerome			\$17.39		\$20.25	
	Larkin			\$16.01		\$19.85	
	Lee			\$17.25		\$20.25	
	Lincoln			\$17.11		\$20.25	
	Midland			\$16.02		\$19.85	
	Mills			\$16.70		\$19.85	
	Mount Haley			\$17.25		\$20.25	
	Porter			\$17.93		\$20.50	
	Warren			\$18.35		\$20.75	
Item 8.c.	22A Road Gravel						
	Sanford Garage			\$10.43			
	Clay Pit			\$10.56			
	Ingersoll Garage			\$12.43			
	Jasper Garage			\$11.40			
	Edenville			\$10.07			
	Geneva			\$9.53			
	Greendale			\$10.63			
	Homer			\$11.18			
	Hope			\$10.56			
	Ingersoll			\$12.15			
	Jasper			\$11.02			

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone	Elmer's Team
Item	Description	Rate					
ITEM 8	AGGREGATES	"/ton"					
	Jerome			\$9.99			
	Larkin			\$11.37			
	Lee			\$11.02			
	Lincoln			\$10.34			
	Midland			\$11.56			
	Mills			\$10.88			
	Mount Haley			\$11.83			
	Porter			\$11.69			
	Warren			\$9.40			
Item 8.d.	23A Road Gravel						
	Sanford Garage			\$10.43			
	Clay Pit			\$10.56			
	Ingersoll Garage			\$12.43			
	Jasper Garage			\$11.40			
	Edenville			\$10.07			
	Geneva			\$9.53			
	Greendale			\$10.63			
	Homer			\$11.18			
	Hope			\$10.56			
	Ingersoll			\$12.15			
	Jasper			\$11.02			
	Jerome			\$9.99			
	Larkin			\$11.37			
	Lee			\$11.02			
	Lincoln			\$10.34			
	Midland			\$11.56			
	Mills			\$10.88			

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone	Elmer's Team
Item	Description	Rate					
ITEM 8	AGGREGATES	"/ton"					
	Mount Haley			\$11.83			
	Porter			\$11.69			
	Warren			\$9.40			
Item 8.e.	21AA Crushed Concrete						
	Sanford Garage			\$12.58			
	Clay Pit			\$12.58			
	Ingersoll Garage			\$11.75			
	Jasper Garage			\$13.27			
Item 8.f.	21A Crushed Concrete						
	Sanford Garage			\$12.58			
	Clay Pit			\$12.58			
	Ingersoll Garage			\$11.75			
	Jasper Garage			\$13.27			
Item 8.g.	22A Crushed Concrete						
	Sanford Garage						\$17.03
	Clay Pit						\$17.43
	Ingersoll Garage						\$17.23
	Jasper Garage						\$19.75
Item 8.h.	23A Crushed Concrete						
	Sanford Garage						
	Clay Pit						
	Ingersoll Garage						
	Jasper Garage						
Item 8.i.	2NS Sand						
	Sanford Garage			\$9.60			
Item 8.j.	Class II (A) Sand						
	Sanford Garage			\$6.30			

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone	Elmer's Team
Item	Description	Rate					
ITEM 8	AGGREGATES	"/ton"					
	Clay Pit			\$6.30			
	Ingersoll Garage			\$8.01			
	Jasper Garage			\$7.05			
Item 8.k.	Class III Sand						
	Sanford Garage			\$6.30			
	Clay Pit			\$6.30			
	Ingersoll Garage			\$8.01			
	Jasper Garage			\$7.05			

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Contractor/vendor			Burroughs North	Fisher	Spec Stone	Wirt Stone
Item	Description	Rate				
ITEM 9	SEALCOAT STONE	"/ton"				
	29A 50/50 Trap/Lime Blend					
	Sanford Garage		\$28.75			\$29.45
	Clay Pit		\$29.00			\$29.45
	Ingersoll Garage		\$28.75			\$29.20
	Jasper Garage		\$29.00			\$29.70
	29A Limestone					
	Sanford Garage		\$21.25	\$21.46	\$20.40	\$21.20
	Clay Pit		\$21.25	\$21.85	\$20.65	\$21.20
	Ingersoll Garage		\$21.25	\$21.61	\$20.40	\$21.30
	Jasper Garage		\$21.25	\$23.20	\$20.65	\$21.55

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Contractor/vendor			Burroughs North	Pat's Gradall *	Wirt Stone	Team Elmer's	Fisher
Item	Description	Rate					
ITEM 10	RIP RAP	"/ton"					
	Rip Rap, Plain		\$39.00	\$31.00		\$40.45	\$43.31
	Rip Rap, Heavy		\$44.00	\$36.75		\$43.45	\$48.81
	3" x 5" Rip Rap				\$24.40	\$30.10	\$28.13

* Plain Rip-rap: 4"-12" | Heavy Rip-rap: 18"-30"

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Contractor/vendor			Michigan Pavement Markings	M&M Pavement Markings	PK Contracting
Item	Description	Rate			
ITEM 11	PAVEMENT MARKING				
Pavement Markings					
	Pavement Marking, waterborne, 4 inch yellow	"/ft"	\$0.04	\$0.042	\$0.05
	Pavement Marking, waterborne, 4 inch white	"/ft"	\$0.04	\$0.042	\$0.04
	Special Markings/Arrows	"/ea"	\$20.00	\$35.00	\$50.00
	24" Stop Bars	"/ft"	\$0.75	\$2.00	\$2.00
Rumble Strips					
	Pavt Mrkg, Thermopl, Rumble Strip	"/ft"	\$5.00		\$6.50
	Pavt Mrkg, Rumble Strip, Remove	"/ft"	\$5.00		\$4.50

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Contractor/vendor			Pavement Recycling	Shaw
Item	Description	Rate		
ITEM 12	PULVERIZATION			
	Item 1 - 8" depth	"/hr"	\$500.00	\$750.00
		"/syd"	\$0.50	\$0.76
	Item 2 - 12" depth	"/hr"	\$500.00	\$750.00
		"/syd"	\$1.00	\$0.96
	Item 3 - previously pulverized road	"/hr"	\$450.00	\$750.00
		"/syd"	\$0.30	\$0.76

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Contractor/vendor			Pavement Recycling	Dunn Company
Item	Description	Rate		
ITEM 13	COLD IN PLACE RECYCLING			
	Cold in Place Recycling	"/syd"	*	**
	Asphalt Emulsion, Engineered	"/ton"	*	

* Alternate Bid:	
Asphalt Cement Stabilized Base Course 4"	\$1.50 / Syd
Asphalt Cement Binder	\$3.00 / Gal
** Cold in Place Recycling:	
Base Bid, W Miller Road	\$188,121.00 - L.S.
Base Bid + 1 Mile of Laporte	Add \$105,478.00 - L.S.
Base Bid + 1 Mile of Laporte + 2nd Mile of Laporte	Add \$90,114.00 - L.S.

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Contractor/vendor			Osburn Assoc.	Rathco	Dornbos	Vulcan
Item	Description	Rate				
ITEM 14	BLANKS & SIGNS					
	Sign Face Only - HIP sheeting, 1 color legend					
	12" x 36"		\$4.08	\$4.86	\$10.74	\$4.26
	24" x 30"		\$6.80	\$8.10	\$17.91	\$7.10
	24" x 42"		\$9.52	\$11.34	\$25.07	\$9.94
	24" x 24"		\$5.44	\$6.48	\$14.33	\$5.68
	30" x 30"		\$8.50	\$10.12	\$22.39	\$8.88
	24" x 18"		\$4.08	\$4.86	\$10.74	\$4.26
	12" x 18"		\$2.04	\$3.43	\$5.37	\$2.13
	12" x 12"		\$1.36	\$2.45	\$3.58	\$1.42
	30" x 36"		\$10.20	\$12.15	\$26.86	\$10.65
	12" x 6"		\$0.69	\$2.00	\$1.79	\$0.71
	30" x 18"		\$5.10	\$6.08	\$13.43	\$5.33
	48" x 30"		\$13.60	\$16.20	\$35.82	\$14.20
	48" x 24"		\$10.88	\$12.96	\$28.65	\$11.36
	36" x 36"		\$12.24	\$14.58	\$32.23	\$12.78
	Sign Face Only - Super HIP sheeting					
	30" x 30"		\$8.50	\$10.12	\$22.39	\$8.88
	48" x 24"		\$10.88	\$12.96	\$28.65	\$11.36
			\$12.24	\$14.58	\$32.23	\$12.78
	12" x 36"		\$4.08	\$4.86	\$10.74	\$4.26
	24" x 24"		\$5.44	\$6.48	\$14.33	\$5.68
	24" x 18"		\$4.08	\$4.86	\$10.74	\$4.26
	24" x 30"		\$6.80	\$8.10	\$17.91	\$7.10
	24" x 42"		\$9.52	\$11.34	\$25.07	\$9.94
	12" x 18"		\$2.04	\$3.43	\$5.37	\$2.13
	12" x 12"		\$1.36	\$2.45	\$3.58	\$1.42
	30" x 36"		\$10.20	\$12.15	\$26.86	\$10.65

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Contractor/vendor			Osburn Assoc.	Rathco	Dornbos	Vulcan
Item	Description	Rate				
ITEM 14	BLANKS & SIGNS					
	12" x 6"		\$0.69	\$2.00	\$1.79	\$0.71
	30" x 18"		\$5.10	\$6.08	\$13.43	\$5.33
	48" x 30"		\$13.60	\$16.20	\$35.82	\$14.20
	36" Stop Ahead		\$12.24	\$19.80	\$35.92	\$13.35
	36" Yield Ahead		\$12.24	\$19.80	\$35.94	\$13.35
	36" Signal Ahead		\$12.24	\$19.80	\$35.92	\$13.80
	36" Round		\$12.24	\$14.58	\$31.74	\$8.88
	36" x 48" x 48" No Passing Zone		\$8.16	\$9.07	\$21.49	\$9.23
	30" x 12"		\$3.40	\$4.05	\$8.95	\$3.55
Sign Face Only - HIP sheeting orange						
	30" Diamond		\$19.25	\$21.44	\$34.26	\$20.75
	36" Diamond		\$27.72	\$30.87	\$49.33	\$29.88
	48" Diamond		\$49.28	\$54.88	\$87.71	\$53.12
	30" x 24"		\$15.40	\$17.15	\$27.41	\$16.60
	48" x 18"		\$18.48	\$20.58	\$32.89	\$19.92
Sign Face Only - HIP Sheeting yellow green						
	36" Diamond		\$27.72	\$30.87	\$49.33	\$30.96
	24" x 8"		\$4.11	\$6.57	\$7.29	\$4.59
	30" x 12"		\$7.70	\$8.58	\$13.70	\$8.60
	24" x 12"		\$6.16	\$7.16	\$10.96	\$6.88
	30" x 18"		\$11.55	\$12.86	\$20.56	\$12.90
Completed Signs - HIP Sheeting with overlay						
	30" Stop		\$46.13	\$46.50	\$43.10	\$42.65
	36" Stop		\$66.42	\$66.96	\$62.36	\$57.15
Completed Signs - Super HIP Sheeting						
	36" Stop		\$48.96	\$51.12	\$46.57	\$47.14
	30" Stop		\$34.00	\$35.50	\$32.14	\$32.60
	36" Yield		\$24.48	\$29.75	\$24.13	\$22.50

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Contractor/vendor			Osburn Asoc.	Rathco	Dornbos	Vulcan
Item	Description	Rate				
ITEM 14	BLANKS & SIGNS					
	12" x 6" 3-Way		\$2.72	\$4.75	\$2.68	\$3.21
	12" x 6" 4-Way		\$2.72	\$4.75	\$2.68	\$3.21
Completed Signs - HIP Yellow						
	36" x 48" x 48" No Passing Zone		\$22.56	\$27.25	\$21.49	\$28.55
	36" Round Advance Railroad		\$33.84	\$33.50	\$31.74	\$27.78
Completed Signs - Super HIP yellow green						
	36" School		\$49.86	\$48.75	\$45.98	\$47.54
	36" Diamond		\$49.86	\$52.92	\$49.33	\$50.12
Street Name Signs - HIP sheeting both sides						
	24" x 6"		\$6.24	\$6.00	\$5.06	\$5.53
	24" x 9"		\$9.36	\$9.00	\$7.59	\$8.30
	30" x 6"		\$7.80	\$7.50	\$6.32	\$6.86
	30" x 9"		\$11.70	\$11.25	\$9.51	\$9.38
	36" x 6"		\$9.36	\$9.00	\$7.59	\$6.99
	36" x 9"		\$14.04	\$13.50	\$11.38	\$12.30

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Contractor/vendor			Vulcan	Dornbos **
Item	Description	Rate		
ITEM 15	STEEL POSTS	"/ea"		
	4.5 ft. steel post, 3 lb./ft.	"/ea"	\$10.79	\$8.23
	6 ft. steel post, 3 lb./ft.	"/ea"	\$14.38	\$11.25
	7 ft. steel post, 3 lb./ft.	"/ea"	\$16.77	\$11.41
	8 ft. steel post, 3 lb./ft.	"/ea"	\$19.17	\$13.04
	9 ft. steel post, 3 lb./ft.	"/ea"	\$21.58	\$14.67
	10 ft. steel post, 3 lb./ft.	"/ea"	\$23.97	\$16.30
	12 ft. steel post, 3 lb./ft.	"/ea"	\$28.76	\$19.68
	13 ft. steel post, 3 lb./ft.	"/ea"	\$31.16	\$21.19
	14 ft. steel post, 3 lb./ft.	"/ea"	\$33.57	\$22.82
	7.0 ft. Delineator post	"/ea"	\$6.53	\$5.09 *
	Nu-Guard, Rib-Bak, 5 lb./6.5 ft.	"/ea"	No Bid	
	Nu-Guard, Rib-Bak, 5 lb./8.5 ft.	"/ea"	No Bid	

* Bundles of 100 only

** Pricing based on 1/2 truck load / 2000 lbs order

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Contractor/vendor			Jensen Bridge ***	Nationwide Const. Group *	Sampson Fence Co.	Action Traffic Maint. **
Item	Description	Rate				
ITEM 16	GUARDRAIL MAT & INSTALL					
16. a. Steel Beam Guardrail Mat & Install						
	Treated Wood Post 6" x 8" x 6'	"/ea"	\$54.00	\$52.00		\$44.50
	Treated Wood Post 6" x 8" x 7'	"/ea"	\$59.71	\$60.00		\$55.00
	Treated Wood Post 6" x 8" x 8'	"/ea"		\$69.00		\$68.00
	Treated Wood Block 6" x 8" x 15"	"/ea"	\$10.80	\$10.10		\$9.95
	Steel Guardrail Post 6'	"/ea"	\$41.43	\$38.00		\$37.00
	Steel Guardrail Post 7'	"/ea"	\$50.00	\$48.00		\$43.75
	Steel Guardrail Post 8'	"/ea"	\$64.29	\$56.00		\$51.00
	Galvanized Beam Guardrail, Type B	"/lft"	\$64.67	\$5.15		\$5.20
	Galvanized Beam Guardrail, Thrie Beam	"/lft"	\$102.86	\$8.85		\$9.40
	6'3" Transitions Type B to Thrie Beam	"/ea"	\$92.86	\$103.00		\$102.00
	12'6" Panels Thrie Beam	"/ea"	\$102.86	\$64.38		\$117.00
	12'6" Panels Type B Steel Beam Guardrail	"/ea"	\$64.67	\$110.63		\$64.50
	Approach Fleat					
	Type 1B	"/ea"		\$1,700.00		\$1,405.00
	Type 1T	"/ea"		\$1,800.00		\$1,510.00
	Type 1B	"/ea"		\$1,645.00		\$1,590.00
	Type 1T	"/ea"		\$1,745.00		\$1,700.00
	Approach X-Lite-Flared					
	Type 1B	"/ea"		\$1,800.00		\$1,375.00
	Type 1T	"/ea"		\$1,900.00		\$1,475.00
	Approach SKT					
	Type 2B	"/ea"		\$2,070.00		\$1,935.00
	Type 2T	"/ea"		\$2,170.00		\$2,050.00
	Approach ET-PLUS					

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Contractor/vendor			Jensen Bridge ***	Nationwide Const. Group *	Sampson Fence Co.	Action Traffic Maint. **
Item	Description	Rate				
ITEM 16	GUARDRAIL MAT & INSTALL					
	Type 2B	"/ea"		\$2,247.00		\$2,500.00
	Type 2T	"/ea"		\$2,347.00		\$2,325.00
	Approach X-LITE-TANGENT-50					
	Type 2B	"/ea"		\$2,200.00		\$1,800.00
	Type 2T	"/ea"		\$2,300.00		\$1,975.00
	Departing Type B	"/ea"	\$680.00	\$650.00		\$405.00
	Departing Type T	"/ea"	\$760.00	\$750.00		\$535.00
	Departing Type MSG	"/ea"		\$750.00		\$405.00
	Installation County Wide Per LFT.	"/lft"		\$12.00	\$11.00	\$5.50
				min of 200'		Straight only - no terminals
	16. b. Nu-Guard-31 Roadside Barrier Mat & Install					
	Nu-Guard, Rib-Bak, 5 lb. x 6.5'	"/ea"		\$70.00	\$50.00	\$39.95
	Nu-Guard, Rib-Bak, 5 lb. x 8.5'	"/ea"		\$90.00	\$55.00	\$50.25
	Nu-Guard, Washer, 3.5" D	"/ea"		\$2.00	\$3.50	\$3.45
	Nu-Guard-31 system, Installed, Est. 2500 lft.	"/lft"		\$7.50	\$6.00	\$5.50
				Labor only (+freight under \$5000)		Does not include terminals

* Installation price based on minimum of 200' orders. Nuguard installation pricing only includes labor. Freight included on orders less then \$5,000

** Installation pricing includes only straight segments and excludes Approach terminals

*** Pricing firm for 120 days as of bid date

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Contractor/vendor			Asphalt Sealers	Fahrner	Highway Maint. & Const.	Maint. Systems	Pavement
Item	Description	Rate					
ITEM 17	CHIP SEAL APPLICATION						
	Single Chip Seal	"/syd"	\$1.50		\$1.445		\$1.55
	Alternate: CM-90				\$1.40		
	Double Chip Seal	"/syd"	\$3.00		\$2.85		\$2.85
	Fog Seal	"/syd"	\$0.298		\$0.34		\$0.38
	Temporary Raised Pvt. Markers, Yellow	"/ea."	\$1.00		\$1.10		\$1.50
	Temporary Raised Pvt. Markers, White	"/ea"	\$1.00		\$1.10		\$1.50

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Contractor/vendor			Waterproofing Smith's
Item	Description	Rate	
ITEM 18	PENETRATING HEALER SEALER	"/syd"	\$13.75

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Contractor/vendor			Fahrner Asphalt Sealers	Sealcoating LLC	Wolverine	Scodeller Const.	Highway Maint.
Item	Description	Rate					
ITEM 19	CRACK TREATMENT/OVERBAND						
	Priority 1	"/mile"	100.00%	100.00%	4 Miles	100.00%	
	Priority 2	"/mile"	100.00%	100.00%	1 Miles	10.00%	
	Priority 3	"/mile"	0.00%	100.00%	0.00%	0.00%	

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Contractor/vendor			
Item	Description	Rate	
ITEM 20	CONCRETE SURFACE COATING	"/l.s."	
	Magruder Rd over Pine River		no bids
	4 3/4 Mile Rd over Pine River		no bids
	Curtis Rd over Tittabawassee River		no bids

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Contractor/vendor			Companies	Hanes	Road Fabrics, Inc.
Item	Description	Rate			
ITEM 21	GEOSYNTHETIC PAVING INTERLAYER				
	Geosynthetic Paving Interlayer, Non Woven	"/syd"	\$0.52 *		\$1.35
	Geosynthetic Paving Interlayer, Fiberglass Reinf	"/syd"			\$2.15
	Tack Coat, PG 64-22 Asphalt	"/gal"			\$2.54
	Tack Coat, PG 58-28 Asphalt	"/gal"			\$2.67
	Geosynthetic Paving Interlayer, Non Woven	"/roll"			
	specify # syds				
	Geosynthetic Paving Interlayer, Fiberglass Reinf	"/roll"			
	specify # syds				

* Alternate Material: TerraTex 0L-1 12.5' x 360'

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Contractor/vendor			Contracting Lois Kay	Contracting Shaw	Pavement Recycling
Item	Description	Rate			
ITEM 22	COLD MILLING	"/syd"	\$14.91	\$7.95	\$8.00

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Contractor/vendor			Contracting Lois Kay	Tennile Creek Excavating LLC	Pavement Recycling	Contracting Shaw
Item	Description	Rate				
ITEM 23	MICRO COLD MILLING HMA, 0-2"	"/syd"	\$1.68	\$3.42	\$1.75	\$1.45

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Contractor/vendor			Companies	Hanes	Jensen Bridge *	ADS	Companies	Hanes	Jensen Bridge *	ADS
Item	Description	Rate				Rate				
ITEM 24	GEOTEXTILES	"/syd"				"/roll"				
	Geotextile Liner, Non Woven		\$0.85	\$1.07	\$0.70		\$425.00	\$535.00	\$350.00	
	Heavy Geotextile Liner, Non Woven		\$1.39	\$1.92	\$1.04		\$695.00	\$960.00	\$520.00	
	High Strength Woven Polypropylene Fabric		\$1.59	\$2.80	\$1.80		\$795.00	\$1,400.00	\$900.00	
	Medium Strength Woven Polypropylene Fabric		\$1.10	\$1.92	\$0.97		\$550.00	\$960.00	\$485.00	

* Prices firm for 120 days

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Contractor/vendor			Companies	Hanes	ADS	Companies	Hanes	ADS
Item	Description	Rate						
ITEM 25	SOIL EROSION					"/roll"		
	Silt Fence, Fabricated	"/ft"	\$0.28			"/roll"	\$27.50	\$62.00
	High Velocity Straw Mulch Blanket	"/syd"	\$0.29			"/roll"	\$29.00	\$30.00
	Straw Mulch Blanket	"/syd"	\$0.26			"/roll"	\$26.00	\$24.00
	Seed Mixture, MDOT THM	"/50 lb bag"	\$92.00					

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Contractor/vendor			Set In Stone
Item	Description	Rate	
ITEM 26	CONCRETE BLOCKS	"/ea"	
	Split Face Concrete Masonry Block		
	Solid Concrete Masonry Block		
	Standard 8" Hollow Core Concrete Masonry Block		
	4" x 8" x 16" Solid Concrete Masonry Block		
	Interlocking _x2'x2' Concrete Masonry Block		
	2.5' Long		\$40.00
	3' Long		\$40.00
	4' Long		\$50.00
	5' Long		\$65.00
	6' Long		\$65.00
	4' Long Corner		\$40.00
	5' Long Corner		
	6' Long Corner		\$65.00

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Contractor/vendor			Krenn Timber Bridge Inc.	Laminated Concepts Inc.
Item	Description	Rate		
ITEM 27	TIMBER DECKING			
	Decking, Timber, Modified (1 pre-drilled deck 30' x 36' with stressing rods and hardware)	"/l.s."	\$121,352.78	\$74,112.00
	PL-1 Timber Rail System (with hardware & materials)	"/deck"	\$13,517.78	\$5,300.00

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Contractor/vendor			Set In Stone
Item	Description	Rate	
ITEM 28	CONCRETE PRECAST DECK PANELS		
	Precast Concrete Deck Panel System	"/l.s."	\$48,500.00

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