

**Mecosta County Road Commission  
2017 Annual Bid Tabulations**

<b>PAVEMENT MARKINGS (Extended from 2015)</b>			
<b>*Price per Lineal Foot*</b>	<b>Centerlines</b>	<b>Edge Lines</b>	
<b>Vendor:</b>	4" Yellow	4" White	6" White
PK Contracting (Waterborne)	\$0.0429	\$0.0413	\$0.0600
M&M Pavement Marking(Waterborne)	\$0.0430	\$0.0430	\$0.0580
Michigan Pavement Markings (Waterborne)	\$0.0425	\$0.0425	\$0.0590
<b>PK Contracting (Regular Dry)</b>	\$0.0525	\$0.0498	
<b>M&amp;M Pavement (Regular Dry)</b>	\$0.0570	\$0.0570	
<b>Michigan Pavement Markings (Regular)</b>	\$0.0480	\$0.0480	

<b>PAVEMENT MARKINGS (Extended from 2015)</b>							
<b>Vendor:</b>	<b>3M Tape/Ln. Ft.</b>	<b>24" Stop/Ln. Ft.</b>	<b>←</b>	<b>→</b>	<b>↑</b>	<b>↔</b>	<b>"ONLY"</b>
PK Contracting	\$3.50	\$1.50	\$40.00	\$40.00	\$35.00	\$50.00	\$40.00
M & M Pavement Marking, Inc.	-	\$1.50	\$40.00	\$40.00	\$40.00	\$60.00	\$35.00
Michigan Pavement Markings LLC	-	\$1.50	\$30.00	\$30.00	\$30.00	\$45.00	\$30.00

Preventative Surface Maintenance 2017

CHIP & FOG (Extended from 2016)	Price per Sq. Yd.		
Vendor:	HFRS2/29 A Slag	CM-90/29 A Slag	CSSS1H or CRPE
Fahrner Asphalt Sealers	\$1.444	-	\$0.330
Highway Maintenance & Const.	\$1.610	\$1.620	\$0.340
Pavement Maintenance Systems	\$1.580	\$1.625	\$0.350

CRACK SEALING Extended from 2016)	
Vendor:	Unit Price (roadbed miles 50+/-)
Fahrner Asphalt	\$3,010.23
Wolverine Sealcoating	\$3,420.00
Scodeller Construction	\$5,360.00
Highway Maintenance & Construction Co.	\$5,200.00

## Material Processing 2017

GRAVEL PROCESSING (Extended from 2016)			
Halliday Sand & Gravel, Inc.	Est. Qty.	Bid Price Per Cyd	Material
<b>Consumers</b>	30,000 cyds	\$3.13	23A Mod
<b>Adams</b>	20,000 cyds	\$3.50	23A Mod
<b>Hansen</b>	20,000 cyds	\$2.80	23A Mod
<b>Pines</b>	20,000 cyds	\$3.00	23A Mod
<b>Derby</b>	20,000 cyds	\$3.50	23A Mod

add \$0.25 for Dozer Work

Add \$0.50 to pull or strip sand

\*Price shall be for tested material at the pit\*

Sign/Post Materials 2017

**SIGN/POST MATERIALS**

**Dornbos Sign & Safety (Extended from 2016)**

30" x 30" Stop	\$22.22	
24" x 30" Speed Limit	\$18.94	
30" x 30" Standard Warning Curve, Turn, Side Road, Cross Road, Etc.	\$23.67	
24" x 24" No Trucks, No U-Turn, No Left Turn, No Right Turn Symbols	\$15.15	
18" x 18" M.P.H. Panel	\$8.52	
48" x 24" Double Arrow, Single Arrow	\$30.30	
15' 3# Galvanized Steel Post	\$34.80	Unit Cost/100
13' 3# Galvanized Steel Post	\$30.16	
7' Delineator Post 1.33 #/FT.	\$7.00	
3/4" Aluminum Delineator Buttons	\$1.35	
4 x 8 Crystal Delineator Panel	\$2.45	

**Lightle Enterprises of Ohio, LLC**

15' 3# Galvanized Steel Post	\$39.75	Unit Cost/100
13' 3# Galvanized Steel Post	\$34.45	
7' Delineator Post 1.33 #/FT.	\$9.90	
3/4" Aluminum Delineator Buttons	\$0.80	
4 x 8 Crystal Delineator Panel	\$1.40	

## Bituminous Materials 2017

PATCHING MATERIALS	Summer			Winter						Wedging		
	CP6			UPM			UP6			13A		
	B.R.	Morley	Remus	B.R.	Morley	Remus	B.R.	Morley	Remus	100-250	250-500	500-750
<b>Vendor:</b>												
Ace - Saginaw Paving	-	-	-	-	-	-	**\$91.00	**\$90.75	**\$89.00	-	-	-
Lakeland Asphalt	\$84.00	\$84.00	\$84.00	-	-	-	\$84.00	\$84.00	\$84.00	-	-	-
Rieth Riley	-	-	-	*\$98.00	*\$100.00	*\$104.00	-	-	-	\$105.00	\$68.50	\$60.00
Michigan Paving & Materials Co.	-	-	-	-	-	-	-	-	-	\$127.66	\$90.36	\$80.22
Unique Paving Materials	***\$103.79	***\$103.79	***\$101.62	***\$103.79	***\$103.79	***\$101.62	-	-	-	-	-	-

COUNTY HAULED BIT. MATERIALS		
Vendor:	Price per Ton	Material
Central Asphalt	\$63.00	13A
Rieth Riley	\$51.25	13A

\*=CP-7  
 \*\*=QPR  
 \*\*\*=UPM

COUNTY WIDE BIT. PAVING	Price per Ton			
Vendor:	13 A Top	13 A Base	Med. Vol. Ultra-thin	Low. Vol. Ultra-thin
Rieth Riley	\$53.65	\$48.51	\$82.00	\$78.00
Michigan Paving & Materials	\$76.91	\$71.39	\$86.65	\$85.67
Central Asphalt Inc.	\$69.00	\$64.00	\$79.00	\$78.00

PULVERIZING (Extended from 2016)	
Vendor:	Price per Sq.Yd.
Pavement Recycling Inc.	\$0.33
Hallack Contracting Inc.	\$0.40
Elmer's	\$0.49

MILLING & STABILIZING MATERIALS	Milling up to 6" Asphalt	Milling up to 10" Subbase	Cement Stabilizer	Lime Stabilizer	Applying Stabilizer
Vendor:	Price per Sq.Yd.	Price per Sq.Yd.	Price per Ton	Price per Ton	Price per Sq.Yd.
Pavement Recycling Inc.	\$2.00	\$2.00	\$175.00	\$125.00	\$5.00
Hallack Contracting Inc.	\$0.75	\$0.75	-	-	-
L & S Hayes Construction	\$0.54	\$1.00	-	-	-

# Culvert Bridge Material 2017

CULVERT (Unit Price Per Foot)										
Vendor: CMP	12"	15"	18"	24"	24"	30"	36"	42"	48"	
Cadillac Culvert	\$5.34	\$6.39	\$8.15	\$10.60	\$13.45	\$16.95	\$21.28	\$26.50	\$38.25	90 Days
St. Regis	\$6.25	\$7.50	\$9.38	\$12.54	\$17.88	\$22.35	\$26.82	\$31.29	\$46.09	120 Days
Jensen Bridge & Supply Company	\$5.40	\$6.40	\$8.19	\$10.60	\$14.74	\$16.95	\$21.30	\$29.10	\$38.30	120 Days
Cortech	\$5.70	\$6.89	\$8.69	\$11.18	-	\$14.59	-	-	-	

Vendor: Plastic Pipe										
ADS	\$4.43	\$5.91	\$8.65	\$14.25	-	\$20.40	\$26.25	\$37.10	\$45.00	3/1/2018
VanderVelde Sales & Service	\$4.11	\$5.47	\$8.01	\$13.18	-	\$19.46	\$25.17	\$34.31	\$41.36	
ETNA Supply	\$4.43	\$5.91	\$8.65	\$14.25	-	\$20.40	\$26.25	\$37.10	\$45.00	3/31/2017

Vendor: CMP		15 ARCH	18 ARCH	24 ARCH	36 ARCH	48 ARCH	54 ARCH	60 ARCH	
Cadillac Culvert		\$6.84	\$8.72	\$14.34	\$22.77	\$40.93	-	\$69.55	90 Days
St. Regis		\$9.79	\$12.24	\$20.47	\$30.71	\$58.37	\$82.62	\$92.49	120 Days
Cortech		\$7.33	\$9.24	\$11.89	-	-	\$43.50	\$58.70	
Jensen Bridge & Supply Company		\$6.72	\$8.60	\$15.48	\$22.37	\$40.22	\$66.96	\$90.25	120 Days

Gage	16	14	12	10	8

BRIDGE MATERIAL										Price per LB
Vendor:	Treated SYP Planking	Timber Box Culvert	Transverse Decking 4", 6" & 8"	Bridge & Salt Storage Timbers	Panelized Deck 12"	Panelized Deck 14"	Panelized Deck 16"	Panelized Deck 18"	Panelized Deck 20"	Hardware
Krenn Timber Bridge, Inc.	\$2,450.00	\$5,232.50	\$5,785.00	\$4,745.00	\$5,525.00	\$5,980.00	\$5,980.00	\$6,370.00	\$7,280.00	\$11.05

## Material Hauling 2017

STATE LIMESTONE 23A	Per Cubic Yard			Per Ton		
Vendor:	Big Rapids	Morley	Remus	Big Rapids	Morley	Remus
Yellow Rose Transport	\$32.55	\$29.36	\$34.00	\$22.45	\$20.25	\$23.45
Verplank Trucking	\$31.22	\$29.34	\$32.72	\$21.53	\$20.23	\$22.57
Rieth Riley	\$26.78	\$27.33	\$35.24	\$18.47	\$18.85	\$24.30
L&D Carey & Sons Trucking	\$28.28	\$28.28	\$28.28	\$19.50	\$19.50	\$19.50
Team Elmer's	\$28.19	\$28.33	\$27.48	\$19.44	\$19.54	\$18.95
Fisher	\$33.74	\$36.02	\$25.78	\$23.27	\$24.84	\$17.78

**\*23 A = 1.45 Tons per Yard\***

WINTER MAINTENANCE SAND HAUL	Price per CY		
<b>Early Fill up:</b>	<b>4,000 CY</b>	<b>2,500 CY</b>	<b>2,500 CY</b>
<b>Seasonal Backup:</b>	<b>10,000 CY</b>	<b>5,000 CY</b>	<b>5,000 CY</b>
Vendor:	Big Rapids	Morley	Remus
Team Elmers	\$7.84	\$6.74	-
L & D Carey & Sons	\$7.00	\$6.40	\$5.86
Fisher Transportation	\$7.46	\$7.20	\$5.82

## Fuel/Operating Fluids 2017

OPERATING FLUIDS									
VENDOR	15W40 CJ-4	Hydraulic Oil Premium	AW32 Premium	Auto Trans. Fluid	Transmission Fluid	CAT TO-4	50W	50W (PS-386)	ANTI-FREEZE
<b>Coyne</b>	\$5.92	\$3.85	\$3.85	-	\$6.19	-	-	-	-
Product Brand	Pinnacle Fleetpro	Pinnacle Majestic	Pinnacle Majestic	-	Pinnacle MP ATF	-	-	-	-
<b>Rowley's Wholesale</b>	\$7.40	\$3.90	\$3.90	\$12.48	\$5.07	\$6.16	\$6.78	\$34.13	\$6.00
Product Brand	Shell Rotella T2	Service Pro	Service Pro	Wolf's Head	Service Pro	Purus	Purus	Purus	Service Pro
<b>J &amp; H Oil</b>	\$7.28 per gal	\$5.82 per gal	-	\$19.98 per gal	\$6.33 per gal	\$7.37 per gal	\$7.58 per gal	\$4.11 per lb	\$8.65/\$5.86 per gal
Product Brand	Phillips 66 Fleet Supreme	Phillips 66 Megaflo	-	Phillips 66 Triton HD	Phillips 66 Super ATF	Phillips 66 Powerdrive	Phillips 66 T5X HD	Phillips 66 Triton	Global Concentrate/50:50
<b>Northern Energy</b>	\$5.49	\$3.49	-	\$140.5 per pail	\$338.25	\$354.20	\$411.95	\$1,241.25	\$523.60
Product Brand	Chevron	Chevron	-	Chevron	Chevron	Chevron	Chevron	Chevron	Chevron
<b>Blarney Castle Oil Co.</b>	\$6.99 per gal	\$4.19 per gal	\$4.19 per gal	\$47.97 per gal	\$429.10	\$460.46	\$490.79	\$2,075.00	\$594.00
Product Brand	Chevron	Chevron	Chevron	BP/Castrol	Chevron	Chevron	Chevron	Chevron	Chevron

FUEL OVER RACK				
VENDOR	BR GAS	BR DIESEL	MORLEY DIESEL	MORLEY GAS
<b>Coyne</b>	0.05068	0.07089	0.18089	0.16068
Product Brand	Citgo	Citgo	Citgo	Citgo
<b>Scotland Oil Company</b>	1.63400	1.74610	1.74610	1.70900
Product Brand	Marathon Unbranded	Marathon Unbranded	Marathon Unbranded	Marathon Unbranded
<b>Crystal Flash</b>	0.05320	0.07880	0.07320	0.20000
Product Brand	Ferrysburg	Ferrysburg	Ferrysburg	Ferrysburg
<b>Blarney Castle Oil Co.</b>	0.03750	0.06000	0.05500	0.15000
Product Brand	Marathon Unleaded	Marathon Unbranded	Marathon Unbranded	Marathon Unbranded
<b>Mansfield Oil Company</b>	0.09220	0.09510	0.09140	0.37440
Product Brand	87 UNL/10% Ethanol	ULSD Clear	ULSD Clear	87 UNL/10% Ethanol
<b>J &amp; H Oil Co.</b>	0.03000	0.04000	0.04000	0.16000
Product Brand	Exxon Mobil	Exxon Mobil	Exxon Mobil	Valero

FUEL FIXED PRICE (1 Year)				
VENDOR	BR GAS	BR DIESEL	MORLEY DIESEL	MORLEY GAS
<b>Coyne</b>	1.85968	1.97989	2.12989	1.95968
Product Brand	Unbranded	Unbranded	Unbranded	Unbranded
<b>Crystal Flash</b>	1.68820	1.76040	1.75470	1.83520
Product Brand	Luke Oil	Luke Oil	Luke Oil	Luke Oil
<b>J &amp; H Oil Co.</b>	1.69750	1.87050	1.87050	1.69750
Product Brand	-	-	-	-

\*This is average pricing for the year. See bid sheet for a monthly breakdown.



## Scraper Blades 2017

<b>STEEL SCRAPER BLADES</b>					<b>Plow Blades</b>	<b>Plow Shoes</b>	<b>Wing Blades</b>	
<b>Vendor:</b>	<b>6X5/8X72</b>	<b>8X3/4X84</b>	<b>6X5/8X72S</b>	<b>8X3/4X84S</b>	<b>1/2X8X140 1/2</b>	<b>Single Ear in Line</b>	<b>5/8X8X108 ea.</b>	
St. Regis	\$9.60	\$14.13	\$13.30	\$19.65	-	-	\$14.20	Firm for 60 Days
Calhound Foundry	-	-	-	-	-	Directional-\$69.25/Wing-\$109.20	-	
Shults Equipment	\$8.32	\$15.46	\$6.74	\$13.57	\$120.00	\$84.00	\$102.00	Firm for 60 Days
Valk Manufacturing	\$7.69	\$14.96	\$9.54	\$16.83	\$96.00	-	\$9.37	

\*\*\* Shults Equipment offers a 5% discount if a full truckload is ordered by March 31, 2017

<b>CARBIDE SCRAPER BLADES</b>					<b>Plow Blades</b>	<b>Plow Shoes</b>	<b>Wing Blades</b>	
<b>Vendor:</b>	<b>6X5/8X72</b>	<b>8X3/4X84</b>	<b>6X5/8X72S</b>	<b>8X3/4X84S</b>	<b>1/2X8X140 1/2</b>	<b>Single Ear in Line</b>	<b>5/8X8X108 ea.</b>	
Valk Manufacturing	\$40.00	\$40.00	-	-	\$40.00	-	\$40.00	

<b>RUBBER WING BLADES</b>		<b>Plow Blades</b>	<b>Wing Blades</b>
<b>Vendor:</b>	<b>1/2X8X140 1/2</b>	<b>5/8X8X108 ea.</b>	
Valk Manufacturing	\$28.00	\$28.00	
Shults Equipment		\$378.00	

Tires 2017

TIRES								
Vendor:	Wonderland Tire		Jerry's Tire		Mt. Pleasant Tire Service		Meekhof Tire	
Tire Size	Cost New	Cost Used	Cost New	Cost Used	Cost New	Cost Used	Cost New	Cost Used
P225/75R16	\$81.08	\$35.00	\$96.41	-	\$98.49	-	\$94.47	-
P215/75R15	\$73.73	\$30.00	\$63.75	-	\$84.71	-	\$84.21	-
P225/70R16	\$75.51	\$35.00	\$79.49	-	\$94.23	-	\$91.39	-
P235/75R17	\$112.69	\$35.00	\$117.32	-	\$110.74	-	\$119.29	-
225/70R19	\$223.79	\$65.00	\$196.02	-	\$231.38	-	-	-
LT215/85R16	\$112.10	\$50.00	\$111.60	-	\$111.43	-	\$111.39	-
10.00-16	\$134.75	\$60.00	\$151.00	-	\$131.02	-	\$136.47	-
16.9-24	\$308.64	\$175.00	\$425.00	-	\$551.09	-	\$646.00	-
8-14.5LT	\$79.45	\$40.00	\$53.00	-	\$69.89	-	\$75.00	-
P245/75R16	\$91.18	\$35.00	\$101.48	-	\$112.07	-	\$96.53	-
11R22.5 (Steer)	\$286.06	\$150.00	269.76	-	\$301.21	-	\$314.85	\$125 - \$150
11R22.5 (Drive)	\$316.93	\$125.00	\$322.57	-	\$320.55	-	\$338.61	\$125 - \$150
12R22.5 (Steer)	\$343.35	\$175.00	\$369.07	-	\$373.48	-	\$415.83	\$125 - \$150
12R22.5 (Drive)	\$362.94	\$150.00	\$443.59	-	\$391.16	-	\$549.49	\$125 - \$150
295/75R22.5	\$286.06 Steer \$302.44 Drive	\$150.00	\$264.36	-	\$301.21	-	\$307.42 Steer	\$125 - \$150
385/65R22.5 (Steer)	\$456.05	\$250.00	\$489.39	-	\$455.16	-	\$488.60	\$125 - \$150
<b>Mount/Dismount:</b>	Truck \$15.00 Total		\$16		\$15.00		\$17.00	
<b>Road Call:</b>	SC-\$52.50 - \$66.00Per Hour		\$85.00 Per Hour		\$98.00/HR		Daytime - \$90.00 After Hours - \$110.00 See bid packet	
<b>Retread Cost:</b>	\$213.86 mold cure Retread on your casing 26/32nd Tread		\$89.00/AP, \$65.00/Casing		\$137.65			
<b>Shop Extras:</b>	5% of Labor Billed		No		as needed		See bid Packet	
<b>Pick up/delivery:</b>	Free once a week		N/C within Route		None		No Charge	
<b>Additional Cost:</b>	\$4.85 per brass valve stem		None		None		See bid Packet	
<b>Mount/Dismount Heavy Equip. Tire</b>	Yes		Yes		Yes		Yes	
<b>Tire Brand:</b>	Hankook, westlake, carlisle		Good Year/Dunlop/ Titan/Gladiator		Firestone		Michelin, BFGoodrich, Uniroyal, Firestone, Carlisle See Bid Packet	

\*See Meekhof Tire bid packet for pricing on the different brands of tires.

Surveying Services 2017

**SURVEYING SERVICES**

Services	Rate
<b>CC Land Surveying</b>	Rates Valid Through Jan. 1, 2018
Professional Surveyor	\$85/Hour
Survey Crew	\$120/Hour
Survey Office Tech	\$65/Hour
Administrative Assistant	\$45/Hour

<b>L.S. Engineering, Inc.</b>	
<b>Engineers</b>	
Carol A. Smith, PE	\$100/Hour
Ryan Worden, PE	\$95/Hour
Barbara A. Richter, PE	\$95/Hour
Fred Droski, PE	\$85/Hour
Robert Lothschutz, PE	\$85/Hour
David Roth, EIT	\$65/Hour
Melissa Vander Ziel, EIT	\$65/Hour
<b>Construction Techs</b>	
Bryan MacKinnon	\$65/Hour
Brent Goodwin	\$65/Hour
Tyler Helms	\$55/Hour
Reimbursable Expenses Subconsultants	1-FTC&H (Licensed Survey), 3-Glaza Land Surveys (Licensed Survey)

\*Labor rates may increase by 3% for any subsequent contract period

<b>Thomas H. Sage</b>	
Professional Engineer	\$65/Hour
Surveyor	\$55/Hour
Technician	\$45/Hour
2-Man Survey Crew	\$90/Hour
CAD drafting	\$38/Hour
AutoCAD	\$50/Hour

Services	Rate
<b>Mid-Michigan Engineering &amp; Survey Co.</b>	
One 1-man crew with robotic and GPS	\$80/Hour
Two man, robotic and GPS	\$110/Hour
Design & Drafting	\$70/Hour
Principal Land Surveyor & Professional Engineer	\$120/Hour

<b>Prein &amp; Newhof</b>	
Rates Typically Adjust Yearly	
Senior Project Manager	\$132-\$140/Hour
Project Manager, Senior Tech III, Lab Manager	\$119/Hour
Senior Engineer, Senior Tech II, Surveyor, Geologist, Land Architect, Airport Planner	\$104/Hour
Engineer, Senior Technician, Surveyor, Senior Construction Observer	\$89/Hour
Tech III, Construction Observer, Lab Tech, Office Tech	\$76/Hour
Tech II	\$66/Hour
Technician	\$56/Hour

\*Direct expenses and sub-consultant cost are billed at invoice plus 10% handling charge

Services	Rate
<b>GFA</b>	
Project Manager	\$115/Hour
Project Engineer	\$95/Hour
Design Engineer	\$90/Hour
Design CAD Tech III	\$85/Hour
Design CAD Tech II	\$80/Hour
Project Surveyor	\$85/Hour
Survey Crew Chief	\$72/Hour
Survey Crew Person	\$56/Hour
Testing & Inspection Tech II	\$70/Hour
Testing & Inspection Tech I	\$60/Hour

## Towing 2017

### Towing

Vendors:

<b>Curries Towing</b>		
<b>Tandem Dump Truck Est. Weight 30,000 lbs plus</b>	<b>Loaded</b>	<b>Unloaded</b>
Labor Charge	\$125 per hour	\$125 per hour
Mileage Charge	\$4.50 per mile	\$3.00 per mile
Towing Charge	\$175 per hour	\$175 per hour
Road Side Service Charge	\$125 per hour	\$125 per hour
<b>Pick-Up Truck (Light Duty)</b>	<b>Loaded</b>	<b>Unloaded</b>
Labor Charge	\$85 per hour	\$85 per hour
Mileage Charge	\$4.00 per mile	\$2.50 per mile
Towing Charge	\$50 per hook	\$50 per hook
Road Side Service Charge	\$85 per hour	\$85 per hour

Tree Roadside Vegetation Removal 2017

TREE & ROADSIDE VEGETATION REMOVAL									
Vendor:	Tree Removal				Stump Grinding			Tree Trimming	
	Traffic Control Per Day - LS	6" - 18" Ea.	19" - 36" Ea.	37" or Larger Ea.	6" - 18" Ea.	19" - 36" Ea.	37" or Larger Ea.	Equipment & Crew Per Hour	Traffic Control Per Day - LS
Aggressive Tree Service	\$210.00	\$160.00	\$550.00	\$750.00	\$30.00	\$75.00	\$125.00	\$180.00	\$22.00
Treeworks	\$900.00	\$245.00	\$750.00	\$1,500.00	\$95.00	\$200.00	\$325.00	\$245.00	\$900.00
CHOP	\$400.00	\$150.00	\$765.00	\$1,150.00	\$45.00	\$85.00	\$135.00	\$225.00	\$400.00
F & B Stump Grinding	\$0.00	\$150.00	\$250.00	\$500.00	\$25 - \$50	\$75 - \$100	\$100 & Up	?	\$0.00

No cleanup after stump grinding

CHEMICAL SPRAYING		
	Price Per Gallon	Price per Foot
Vendor:	Brush Spray Solution	Guard Rail Spray
The Daltons Inc.	\$0.975	\$0.10
DeAngelo Brothers	\$1.38	\$0.08
Right Way Control	\$0.89 Based on 100 GPA	\$0.05 Growth Reg. Program \$0.07 Bare ground Program