

City of Brecksville

2018 ROAD PROGRAM BID TABULATION

BIDS OPENED: January 12, 2018 9:00 a.m.

Present Were: Becki Riser, City of Brecksville, Jessie Still, City of Brecksville, John Chyla, City of Brecksville

Contractors: Tony Grande, Chagrin Valley Paving, Brian Koons, Konstruktion King, Jim Carroll, Specialized ConstructiC4:L5on, John Sheeler, Burton Scot, Steve Saxon, TriMor Corp, Raffaele Colecchia, TC Construction, Corey Lung, Set In Stone Contracting

CONCRETE REPAIRS				KONSTRUCTION KING, INC.		SET IN STONE CONTRACTORS		T.C. CONSTRUCTION CO.		FABRIZI TRUCKING & PAVING		TRI MOR CORP.		ECLIPSE CO., LLC	
		Estimated Usage 2018	UNIT	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total
CROSS CUTTING OF CONCRETE															
1	FULL DEPTH	4,009	/LN FT	\$1.00	\$4,009.00	\$1.45	\$5,813.05	\$2.00	\$8,018.00	\$1.00	\$4,009.00	\$2.00	\$8,018.00	\$2.00	\$8,018.00
2	SAW CUTTING	1	/LN FT	\$1.00	\$1.00	\$2.00	\$2.00	\$1.50	\$1.50	\$3.50	\$3.50	\$2.00	\$2.00	\$2.00	\$2.00
CONCRETE REMOVAL & DISPOSAL (TO INCLUDE ROLLED & STRAIGHT CURB)															
3	BOX OUT REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$25.00	\$25.00	\$15.00	\$15.00	\$45.00	\$45.00	\$300.00	\$300.00	\$169.50	\$169.50
4	JOINT REMOVAL	102	/SQ YD	\$10.00	\$1,020.00	\$30.00	\$3,060.00	\$15.00	\$1,530.00	\$20.00	\$2,040.00	\$45.00	\$4,590.00	\$16.00	\$1,632.00
5	SLAB REMOVAL	4,878	/SQ YD	\$10.00	\$48,780.00	\$11.00	\$53,658.00	\$15.00	\$73,170.00	\$14.00	\$68,292.00	\$12.00	\$58,536.00	\$12.50	\$60,975.00
CONCRETE REPLACEMENT (TO INCLUDE ROLLED & STRAIGHT CURB)															
6	BOX OUT REPLACEMENT	1	/SQ YD	\$90.00	\$90.00	\$175.00	\$175.00	\$90.00	\$90.00	\$85.00	\$85.00	\$600.00	\$600.00	\$332.50	\$332.50
7	JOINT REPLACEMENT	102	/SQ YD	\$100.00	\$10,200.00	\$97.00	\$9,894.00	\$85.00	\$8,670.00	\$76.00	\$7,752.00	\$120.00	\$12,240.00	\$248.00	\$25,296.00
	SLAB REPLACEMENT														
8	7"	4,333	/SQ YD	\$55.00	\$238,315.00	\$59.00	\$255,647.00	\$59.00	\$255,647.00	\$60.00	\$259,980.00	\$76.00	\$329,308.00	\$79.00	\$342,307.00
9	9"	447	/SQ YD	\$60.00	\$26,820.00	\$65.50	\$29,278.50	\$61.00	\$27,267.00	\$73.00	\$32,631.00	\$87.00	\$38,889.00	\$105.00	\$46,935.00
10	12"	98	/SQ YD	\$90.00	\$8,820.00	\$100.00	\$9,800.00	\$82.00	\$8,036.00	\$100.00	\$9,800.00	\$110.00	\$10,780.00	\$161.50	\$15,827.00
11	BASE REMOVAL & DISPOSAL	1	/CU YD	\$40.00	\$40.00	\$38.00	\$38.00	\$40.00	\$40.00	\$20.00	\$20.00	\$50.00	\$50.00	\$100.00	\$100.00
12	BASE REPLACEMENT WITH COMPACTION	1	/CU YD	\$60.00	\$60.00	\$210.00	\$210.00	\$40.00	\$40.00	\$55.00	\$55.00	\$80.00	\$80.00	\$118.00	\$118.00
13	4" UNDERDRAIN INSTALLED & BACKFILLED	1	/LN FT	\$30.00	\$30.00	\$16.00	\$16.00	\$20.00	\$20.00	\$25.00	\$25.00	\$15.00	\$15.00	\$13.00	\$13.00
14	24" WIDE CURB & GUTTER - REMOVAL	1	/LN FT	\$10.00	\$10.00	\$15.00	\$15.00	\$10.00	\$10.00	\$15.00	\$15.00	\$15.00	\$15.00	\$13.50	\$13.50
15	REPLACEMENT	1	/LN FT	\$40.00	\$40.00	\$22.00	\$22.00	\$40.00	\$40.00	\$40.00	\$40.00	\$50.00	\$50.00	\$48.50	\$48.50
16	32" WIDE CURB & GUTTER - REMOVAL	393	/LN FT	\$10.00	\$3,930.00	\$15.00	\$5,895.00	\$10.00	\$3,930.00	\$12.00	\$4,716.00	\$15.00	\$5,895.00	\$8.00	\$3,144.00
17	REPLACEMENT	393	/LN FT	\$30.00	\$11,790.00	\$26.50	\$10,414.50	\$40.00	\$15,720.00	\$35.00	\$13,755.00	\$35.00	\$13,755.00	\$36.00	\$14,148.00
18	TYPE 2A CURB - REMOVAL	1	/LN FT	\$5.00	\$5.00	\$15.00	\$15.00	\$10.00	\$10.00	\$10.00	\$10.00	\$15.00	\$15.00	\$13.50	\$13.50
19	REPLACEMENT	1	/LN FT	\$20.00	\$20.00	\$25.00	\$25.00	\$25.00	\$25.00	\$35.00	\$35.00	\$45.00	\$45.00	\$27.00	\$27.00
20	TYPE 6 CURB - REMOVAL	1	/LN FT	\$5.00	\$5.00	\$15.00	\$15.00	\$10.00	\$10.00	\$10.00	\$10.00	\$15.00	\$15.00	\$13.50	\$13.50
21	REPLACEMENT	1	/LN FT	\$30.00	\$30.00	\$25.00	\$25.00	\$25.00	\$25.00	\$40.00	\$40.00	\$45.00	\$45.00	\$40.50	\$40.50
22	TYPE 6 CURB - NEW INSTALLATION	1	/LN FT	\$30.00	\$30.00	\$40.00	\$40.00	\$40.00	\$40.00	\$55.00	\$55.00	\$45.00	\$45.00	\$42.50	\$42.50
23	ROLLED CURB - REMOVAL	1		\$5.00	\$5.00	\$15.00	\$15.00	\$10.00	\$10.00	\$10.00	\$10.00	\$15.00	\$15.00	\$13.50	\$13.50
24	REPLACEMENT	1		\$20.00	\$20.00	\$25.00	\$25.00	\$30.00	\$30.00	\$35.00	\$35.00	\$45.00	\$45.00	\$48.50	\$48.50
25	604 CATCH BASIN OR MANHOLE ADJUSTED TO GRADE	1	EA	\$300.00	\$300.00	\$300.00	\$300.00	\$500.00	\$500.00	\$850.00	\$850.00	\$400.00	\$400.00	\$570.00	\$570.00
26	604 MONUMENT BOX OR WATER VALVE BOX ADJ TO GRADE	1	EA	\$150.00	\$150.00	\$450.00	\$450.00	\$250.00	\$250.00	\$500.00	\$500.00	\$200.00	\$200.00	\$340.50	\$340.50
27	604 CATCH BASIN, VAULT BOX REBUILT	1	EA	\$300.00	\$300.00	\$300.00	\$300.00	\$600.00	\$600.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$1,195.50	\$1,195.50
28	604 CATCH BASIN, VAULT BOX REPLACED	1	EA	\$500.00	\$500.00	\$500.00	\$500.00	\$1,400.00	\$1,400.00	\$3,500.00	\$3,500.00	\$2,500.00	\$2,500.00	\$2,128.00	\$2,128.00
29	604 CATCH BASIN RECONSTRUCTED TO GRADE	1	EA	\$400.00	\$400.00	\$400.00	\$400.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00	\$1,200.00	\$1,200.00	\$1,195.50	\$1,195.50
30	BLOCKOUTS	1	EA	\$450.00	\$450.00	\$525.00	\$525.00	\$300.00	\$300.00	\$800.00	\$800.00	\$900.00	\$900.00	\$170.50	\$170.50
31	ADDITIONAL COST FOR ODOT MS CONCRETE	1	/CU YD	\$13.00	\$13.00	\$15.00	\$15.00	\$15.00	\$15.00	\$20.00	\$20.00	\$20.00	\$20.00	\$39.50	\$39.50
32	ADDITIONAL COST FOR FAST SET ODOT FS	1	/CU YD	\$30.00	\$30.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$35.00	\$46.50	\$46.50
33	DRIVEWAY APRON REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$15.00	\$15.00	\$10.00	\$10.00	\$12.00	\$12.00	\$15.00	\$15.00	\$16.50	\$16.50
34	DRIVEWAY APRON REPLACEMENT, 6" DEPTH	1	/SQ YD	\$60.00	\$60.00	\$68.50	\$68.50	\$60.00	\$60.00	\$62.00	\$62.00	\$65.00	\$65.00	\$72.00	\$72.00
COMMERICAL DRIVE APRON (Per City Specification, Page 10A)															
35	REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$12.00	\$12.00	\$20.00	\$20.00	\$15.00	\$15.00	\$15.00	\$15.00	\$16.50	\$16.50
36	REPLACEMENT	1	/SQ YD	\$70.00	\$70.00	\$81.00	\$81.00	\$80.00	\$80.00	\$70.00	\$70.00	\$85.00	\$85.00	\$78.00	\$78.00
37	SIDEWALK REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$12.00	\$12.00	\$30.00	\$30.00	\$10.00	\$10.00	\$20.00	\$20.00	\$16.50	\$16.50
SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")															
38	4" DEPTH	13	/SQ YD	\$60.00	\$780.00	\$58.00	\$754.00	\$50.00	\$650.00	\$48.00	\$624.00	\$150.00	\$1,950.00	\$78.00	\$1,014.00
39	5" DEPTH	1	/SQ YD	\$63.00	\$63.00	\$62.00	\$62.00	\$52.00	\$52.00	\$55.00	\$55.00	\$160.00	\$160.00	\$85.00	\$85.00
40	6" DEPTH	1	/SQ YD	\$65.00	\$65.00	\$70.00	\$70.00	\$54.00	\$54.00	\$85.00	\$85.00	\$175.00	\$175.00	\$89.50	\$89.50
41	BRIDGE SIDEWALK REMOVAL	1	/SQ YD	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$20.00	\$35.00	\$35.00	\$500.00	\$500.00	\$16.50	\$16.50
BRIDGE SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")															
42	9" DEPTH	1	/SQ YD	\$80.00	\$80.00	\$85.00	\$85.00	\$110.00	\$110.00	\$85.00	\$85.00	\$500.00	\$500.00	\$117.00	\$117.00
43	11" DEPTH	1	/SQ YD	\$85.00	\$85.00	\$100.00	\$100.00	\$115.00	\$115.00	\$100.00	\$100.00	\$800.00	\$800.00	\$127.00	\$127.00
44	48" x 24" ArmorTile ADA Sidewalk Ramp, 4" DEPTH, with Truncated dome (Model #22144, Color-Red) (To Include Wire Mesh, W2.9 x W2.9, 6"x6")	1	/SQ YD	\$180.00	\$180.00	\$175.00	\$175.00	\$175.00	\$175.00	\$175.00	\$175.00	\$300.00	\$300.00	\$80.00	\$80.00
TOTAL CONCRETE REPAIR					\$357,656.00		\$388,102.55		\$407,370.50		\$413,091.50		\$494,188.00		\$526,692.50

UNSCHEDULED CONCRETE REPAIRS						
			<i>Set In Stone Contractors</i>	<i>Fabrizi Trucking & Paving Co.</i>	<i>TriMor Corp.</i>	
7" PRICE PER SQUARE YARD	1	/SQ YD	\$150.00	\$150.00	\$400.00	
9" PRICE PER SQUARE YARD	1	/SQ YD	\$160.00	\$165.00	\$500.00	
12" PRICE PER SQUARE YARD	1	/SQ YD	\$180.00	\$195.00	\$600.00	
COMMERCIAL DRIVE APRON:						
	REMOVAL	1	/SQ YD	\$15.00	\$25.00	\$50.00
	REPLACEMENT	1	/SQ YD	\$100.00	\$75.00	\$300.00

PARTIAL DEPTH JOINT REPAIR								
			<i>Crossroads Asphalt Recycling</i>	<i>Specialized Construction</i>	<i>Chagrin Valley Paving</i>	<i>Burton Scot Contractors</i>	<i>Barbicas Paving</i>	
CONCRETE - Unscheduled								
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$8.50	\$9.00	NB	\$13.25	NB	
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$8.50	\$10.00	NB	\$24.75	NB	
ASPHALT - Unscheduled								
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$22.00	\$21.00	\$20.00	\$10.00	\$68.00	
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$32.50	\$24.00	\$35.00	\$17.00	\$241.00	

PULVAMIXING				
			<i>Crossroads Asphalt Recycling Inc.</i>	<i>Specialized Construction</i>
Pulv mixing		/SQ YD	\$3.00	\$3.00
Sub Base Removal and Replacement		/CU YD	\$50.00	\$30.00
CMS-1 or CMS-2 Applied		/GAL	\$4.50	\$3.00
#57 Stone Delivered and Spread		/TON	\$50.00	\$40.00

ASPHALT PLACEMENT							
			<i>Crossroads Asphalt Recycling</i>	<i>Specialized Construction</i>	<i>Chagrin Valley Paving</i>	<i>Burton Scot Contractors</i>	<i>Barbicas Paving</i>
INSTALLATION OF A MINIMUM OF 50-99 TONS PER 8-HOUR DAY		/TON	\$115.00	\$100.00	\$125.00	\$140.00	\$1,750.00
INSTALLATION OF A MINIMUM OF 100-299 TONS PER 8-HOUR DAY		/TON	\$95.00	\$80.00	\$100.00	\$64.00	\$895.00
INSTALLATION OF 300+ TONS PER 8-HOUR DAY		/TON	\$50.00	\$40.00	\$50.00	\$40.00	\$611.00

PAINT STRIPING				
			<i>J.D. Striping & Services</i>	<i>Aero-Mark, Inc.</i>
TOTAL STREET STRIPING (ALL LINES)			\$46,013.25	\$48,179.00
AUXILIARY TRAFFIC MARKINGS			\$33,199.64	\$38,299.20

PARTIAL PLANING				Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving	Burton Scot Contractors	Barbicas Paving
AS NEEDED	1	SQUARE YD		\$75.00	\$60.00	\$75.00	\$120.00	\$72.00

PAVEMENT PLANING				Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving, Inc.	Burton Scot Contractors	Barbicas Paving
(Mill 3") Greystone	4,410	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Brookview	1,595	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Timber Trail	4,189	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Riverview Road	4,369	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Echo Hill Drive	6,491	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Settlers Passage	4,591	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Fitzwater Road	1,418	SQUARE YD			\$3.03	\$3.03		
(Mill 3") Highland Cemetery Driveway	929	SQUARE YD			\$3.03	\$3.03		
Total Square Yards - Scheduled Projects	27,992							
Total Cost for Pavement Planing Work Program, Scheduled Projects				\$106,369.60	\$84,815.76	\$84,815.76	\$107,769.20	\$139,960.00
Unit Price for Unscheduled Projects at 3" Depth		SQUARE YD		\$4.25	\$3.03	\$3.03	\$3.03	\$5.11

SINGLE PASS				Specialized Construction
Cost Per Square Yard of Single Pass Recycling included testing and mix design		SQUARE YD		\$6.00
Cost Per Gallon of CSS-1 or Undiluted Recycling Agent Cyclogen M.E. or a Blend of All		PER GALLON		\$4.00
Cost Per Ton of #57 Stone, Furnished, Delivered and Applied		PER TON		\$40.00

EQUIPMENT RENTAL				Specialized Construction	Crossroads Asphalt Recycling	Barbicas Paving	Asphalt Fabrics & Specialties
A. TRUCKS:							
TANDEM AXLE							
Driver included for material handling/asphalt (per ton)		PER TON		NB	NB	\$90.00	
TRI-AXLE							
Driver included for material handling/asphalt (per ton)		PER TON		NB	NB	\$95.00	
TACK COAT DISTRIBUTOR W/OPERATOR							
Anticipated Travel Time Per Day:		PER HOUR		\$100.00	\$115.00	\$150.00	\$100.00
				1 Hour	1 Hour	4.00	45 minutes
SS1 TACK COAT, DELIVERED TO BRECKSVILLE JOB SITE							
		PER GALLON		\$2.35	\$3.00	\$15.00	\$2.10
B. GRINDERS, MILLING MACHINES, CONCRETE CUTTERS: OPERATOR							
CAT PR105, or equivalent							
		PER HOUR		\$200.00	NB	\$210.00	
		PER WEEK		\$8,000.00	NB	\$5,000.00	
40" wide in a single pass at depths of 1" to 7" w/self-loading capabilities(to							
		PER HOUR		\$225.00	\$250.00	\$310.00	
		PER WEEK		\$9,000.00	\$9,500.00	\$15,000.00	
MILLING MACHINE, full width 6' - 7':							
		PER HOUR		\$500.00	\$600.00	\$680.00	
		PER WEEK		\$18,500.00	\$23,000.00	\$2,500.00	
COST OF OPERATOR							
		PER HOUR		Included	Included	\$150/hr	

EQUIPMENT RENTAL (continued)			Specialized Construction	Crossroads Asphalt Recycling	Barbicas Paving
C. EXCAVATION EQUIPMENT					
BACKHOE	Model		Cat 4156	New Holland 1b115	Cat 420/Deere410
		PER HOUR	\$70.00	\$100.00	\$75.00
		PER WEEK	\$2,500.00	\$4,000.00	\$2,000.00
ROAD GRADER	Model		Volvo G8	Champion 720	Champion Motograder
		PER HOUR	\$140.00	\$140.00	\$75.00
		PER WEEK	\$4,500.00	\$5,500.00	\$1,800.00
DOZER:					
CAT D-3 OR EQUIVALENT	Model		D3 Cat	John Deere 550	John Deere 450
		PER HOUR	\$100.00	\$100.00	\$75.00
		PER WEEK	\$3,800.00	\$3,900.00	\$1,800.00
CAT D-6 OR EQUIVALENT	Model		D6 Cat	Komatsu D-65	John Deere 650
		PER HOUR	\$130.00	\$135.00	\$75.00
		PER WEEK	\$4,900.00	\$5,200.00	\$1,800.00
		PER WEEK	\$4,900.00	\$4,900.00	\$4,900.00
CAT D-8 OR EQUIVALENT	Model		D8 Cat		JD 750/Cat D8
		PER HOUR	\$200.00	NB	\$250.00
		PER WEEK	\$8,000.00	NB	\$2,500.00
ROAD WIDENER	Model		SP 8 Midland		SP-8 Midland
		PER HOUR	\$175.00	NB	\$200.00
		PER WEEK	\$7,000.00	NB	\$6,000.00
COST OF OPERATOR		PER HOUR	Included	Included	150/hr
D. STREET SWEEPER & VAC-ALL					
SELF-PROPELLED VAC-ALL, OR EQUIVALENT (To include all mobilization charges for approximately 10 locations)	Model		Vac-All 8 cy		
		PER HOUR	\$150.00	NB	NB
		PER WEEK	\$6,000.00	NB	NB
COST OF OPERATOR		PER HOUR	Included	NB	NB
# of Operators Needed			1	NB	NB
COST OF LABORER			\$65.00	NB	NB
# of Laborers Needed			1	NB	NB
E. GRADALL WITH OPERATOR	Model		GradAll 8		
		PER HOUR	\$350.00	NB	NB
		PER WEEK	\$11,000.00	NB	NB
F. COMPACTION ROLLER (20-TON CAPACITY)					
	Model		Bomag 110	Hamm HD-110	Hypac 766
		PER HOUR	\$100.00	\$150.00	\$100.00
		PER WEEK	\$3,500.00	\$6,000.00	\$3,500.00

GUARDRAIL									
		ESTIMATED 2018 QUANTITY	UNIT OF MEASURE	<i>Lake Erie Construction</i>		<i>R.M.S. & Company</i>		<i>Cuyahoga Fence LLC</i>	
UNIT COSTS FOR GUARDRAIL IN 2018:				<i>Unit Price</i>	<i>Total</i>	<i>Unit Price</i>	<i>Total</i>	<i>Unit Price</i>	<i>Total</i>
1	Guardrail, Type 5 (to include splice bolts)		1 Panel	\$178.00	\$178.00	\$222.00	\$222.00	\$155.00	\$155.00
2	Guardrail, Type 5 Radius Panels (to include splice bolts)		1 Panel	\$199.00	\$199.00	\$300.00	\$300.00	\$179.00	\$179.00
3	Type 5 Anchor Assembly, Type T		1	\$795.00	\$795.00	\$650.00	\$650.00	\$785.00	\$785.00
4	Type 5 Anchor Assembly, Type E-98		1	\$2,145.00	\$2,145.00	\$2,000.00	\$2,000.00	\$1,995.00	\$1,995.00
5	Type 5 Anchor Assembly, Type A		1	\$1,050.00	\$1,050.00	\$1,000.00	\$1,000.00	\$995.00	\$995.00
6	Guardrail Post, Standard Wood 6'		1	\$60.00	\$60.00	\$30.00	\$30.00	\$55.25	\$55.25
7	Guardrail Post, Steel 6'		1	\$72.00	\$72.00	\$37.00	\$37.00	\$67.00	\$67.00
8	Guardrail Post, Steel 9'		1	\$95.00	\$95.00	\$65.00	\$65.00	\$82.75	\$82.75
9	Type 5 (8") Plastic Block Out		1	\$12.00	\$12.00	\$8.00	\$8.00	\$8.00	\$8.00
10	Type 5 Flared/Buffered End (if not included in Type T Anchor Assembly)		1	\$40.00	\$40.00	\$25.00	\$25.00	\$42.00	\$42.00
11	MGS Flared/Buffered End (if not included in Type T Anchor Assembly)	13	1	\$45.00	\$585.00	\$25.00	\$325.00	\$42.00	\$546.00
12	MGS Guardrail - 6' Steel Post, 12" Plastic Block Out	445'	Per Foot	\$23.80	\$10,591.00	\$23.00	\$10,235.00	\$22.00	\$9,790.00
13	MGS Guardrail - Radius Panel, 6' Steel Post, 12" Plastic Block out	36'	Per Foot	\$27.20	\$979.20	\$33.00	\$1,188.00	\$24.00	\$864.00
14	MGS Guardrail - 9' Steel Post, 12" Plastic Block Out	1,225'	12.5' Per Foot	\$29.40	\$35,525.00	\$33.00	\$40,425.00	\$21.50	\$26,337.50
15	MGS Guardrail Radius Panel - 9' Steel Post, 12" Plastic Block Out	74'	12.5' Per Foot	\$34.60	\$2,560.40	\$40.00	\$2,960.00	\$25.50	\$1,887.00
16	MGS Anchor Assembly, Type T	11	1	\$875.00	\$9,625.00	\$755.00	\$8,305.00	\$775.00	\$8,525.00
17	MGS Anchor Assembly, Type E	1	1	\$2,215.00	\$2,215.00	\$2,100.00	\$2,100.00	\$2,100.00	\$2,100.00
18	MGS - 12" Plastic Block Out		1	\$17.00	\$17.00	\$12.00	\$12.00	\$12.00	\$12.00
19	Cost Per Mobilization	1 Mobilization	1 Mobilization	\$745.00	\$745.00	\$400.00	\$400.00	\$695.00	\$695.00

ASPHALT PAVEMENT PRE-SEAL LAYER				<i>Specialized Construction</i>	<i>Crossroads Asphalt Recycling</i>	<i>Asphalt Fabrics & Specialties</i>
		0-4,999	<i>SQUARE YD</i>	\$2.48	\$2.50	\$3.70
		5,000-9,999	<i>SQUARE YD</i>	\$2.24	\$2.50	\$2.80
		10,000+	<i>SQUARE YD</i>	\$2.24	\$2.50	\$2.80