

City of Brecksville

2017 ROAD PROGRAM BID TABULATION

BIDS OPENED: January 11, 2017 9:00 a.m.

Present Were: Becki Riser, City of Brecksville and Ron Weidig, City of Brecksville.

Contractors: Don Morgan, Chagrin Valley Paving, Sarah Piscopo, CATTs Construction, Nicholas Furio, Konstruction King, Jim Carroll, Specialized Construction

CONCRETE REPAIRS

			SET IN STONE CONTRACTORS		KONSTRUCTION KING		CATTs CONSTRUCTION		T.C. CONSTRUCTION CO.	
	Estimated Usage 2017	UNIT	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total
CROSS CUTTING OF CONCRETE										
FULL DEPTH	4,736	/LN FT	\$1.50	\$7,104.00	\$1.00	\$4,736.00	\$1.15	\$5,446.40	\$1.50	\$7,104.00
SAW CUTTING	1	/LN FT	\$2.50	\$2.50	\$1.00	\$1.00	\$1.15	\$1.15	\$1.00	\$1.00
CONCRETE REMOVAL & DISPOSAL (TO INCLUDE ROLLED & STRAIGHT CURB)										
BOX OUT REMOVAL	1	/SQ YD	\$80.00	\$80.00	\$10.00	\$10.00	\$55.00	\$55.00	\$15.00	\$15.00
JOINT REMOVAL	1	/SQ YD	\$30.00	\$30.00	\$10.00	\$10.00	\$32.00	\$32.00	\$15.00	\$15.00
SLAB REMOVAL	5,587	/SQ YD	\$10.00	\$55,870.00	\$10.00	\$55,870.00	\$12.00	\$67,044.00	\$15.00	\$83,805.00
CONCRETE REPLACEMENT (TO INCLUDE ROLLED & STRAIGHT CURB)										
BOX OUT REPLACEMENT	1	/SQ YD	\$75.00	\$75.00	\$100.00	\$100.00	\$84.00	\$84.00	\$60.00	\$60.00
JOINT REPLACEMENT	1	/SQ YD	\$90.00	\$90.00	\$100.00	\$100.00	\$89.00	\$89.00	\$60.00	\$60.00
SLAB REPLACEMENT										
7"	4,569	/SQ YD	\$50.00	\$228,450.00	\$57.00	\$260,433.00	\$50.00	\$228,450.00	\$59.00	\$269,571.00
9"	980	/SQ YD	\$56.50	\$55,370.00	\$60.00	\$58,800.00	\$68.00	\$66,640.00	\$64.00	\$62,720.00
12"	38	/SQ YD	\$90.50	\$3,439.00	\$95.00	\$3,610.00	\$115.00	\$4,370.00	\$70.00	\$2,660.00
BASE REMOVAL & DISPOSAL	1	/CU YD	\$25.00	\$25.00	\$40.00	\$40.00	\$11.00	\$11.00	\$10.00	\$10.00
BASE REPLACEMENT WITH COMPACTION	1	/CU YD	\$70.00	\$70.00	\$60.00	\$60.00	\$74.00	\$74.00	\$25.00	\$25.00
4" UNDERDRAIN INSTALLED & BACKFILLED	1	/LN FT	\$20.00	\$20.00	\$30.00	\$30.00	\$21.00	\$21.00	\$14.00	\$14.00
24" WIDE CURB & GUTTER -										
REMOVAL	1	/LN FT	\$10.00	\$10.00	\$10.00	\$10.00	\$11.00	\$11.00	\$10.00	\$10.00
REPLACEMENT	1	/LN FT	\$40.00	\$40.00	\$40.00	\$40.00	\$42.00	\$42.00	\$19.00	\$19.00
32" WIDE CURB & GUTTER -										
REMOVAL	1,675	/LN FT	\$10.00	\$16,750.00	\$10.00	\$16,750.00	\$11.00	\$18,425.00	\$14.00	\$23,450.00
REPLACEMENT	1,675	/LN FT	\$27.50	\$46,062.50	\$30.00	\$50,250.00	\$42.00	\$70,350.00	\$30.00	\$50,250.00
TYPE 2A CURB -										
REMOVAL	1	/LN FT	\$10.00	\$10.00	\$10.00	\$10.00	\$7.00	\$7.00	\$3.00	\$3.00
REPLACEMENT	1	/LN FT	\$22.00	\$22.00	\$20.00	\$20.00	\$22.00	\$22.00	\$2.00	\$2.00
TYPE 6 CURB -										
REMOVAL	1	/LN FT	\$10.00	\$10.00	\$10.00	\$10.00	\$11.00	\$11.00	\$10.00	\$10.00
REPLACEMENT	1	/LN FT	\$25.00	\$25.00	\$40.00	\$40.00	\$28.00	\$28.00	\$14.00	\$14.00
TYPE 6 CURB -										
NEW INSTALLATION	1	/LN FT	\$31.00	\$31.00	\$50.00	\$50.00	\$37.00	\$37.00	\$24.00	\$24.00
ROLLED CURB -										
REMOVAL	1		\$10.00	\$10.00	\$10.00	\$10.00	\$7.00	\$7.00	\$10.00	\$10.00
REPLACEMENT	1		\$16.00	\$16.00	\$20.00	\$20.00	\$22.00	\$22.00	\$10.00	\$10.00
604 CATCH BASIN OR MANHOLE ADJUSTED TO GRADE	1	EA	\$325.00	\$325.00	\$500.00	\$500.00	\$500.00	\$500.00	\$300.00	\$300.00
604 MONUMENT BOX OR WATER VALVE BOX ADJ TO GRADE	1	EA	\$150.00	\$150.00	\$400.00	\$400.00	\$220.00	\$220.00	\$200.00	\$200.00
604 CATCH BASIN, VAULT BOX REBUILT	1	EA	\$1,000.00	\$1,000.00	\$300.00	\$300.00	\$850.00	\$850.00	\$500.00	\$500.00
604 CATCH BASIN, VAULT BOX REPLACED	1	EA	\$2,500.00	\$2,500.00	\$500.00	\$500.00	\$4,000.00	\$4,000.00	\$1,400.00	\$1,400.00
604 CATCH BASIN RECONSTRUCTED TO GRADE	1	EA	\$925.00	\$925.00	\$400.00	\$400.00	\$1,200.00	\$1,200.00	\$500.00	\$500.00
604 MONUMENT BOX ADJUSTED TO GRADE INCLUDING NEW CONCRETE BLOCKOUTS	1	EA	\$300.00	\$300.00	\$500.00	\$500.00	\$440.00	\$440.00	\$300.00	\$300.00
ADDITIONAL COST FOR ODOT MS CONCRETE	1	/CU YD	\$15.00	\$15.00	\$15.00	\$15.00	\$20.00	\$20.00	\$20.00	\$20.00
ADDITIONAL COST FOR FAST SET ODOT FS	1	/CU YD	\$32.00	\$32.00	\$35.00	\$35.00	\$30.00	\$30.00	\$30.00	\$30.00
DRIVEWAY APRON REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$10.00	\$10.00	\$12.00	\$12.00	\$10.00	\$10.00
DRIVEWAY APRON REPLACEMENT, 6" DEPTH	1	/SQ YD	\$55.00	\$55.00	\$70.00	\$70.00	\$65.00	\$65.00	\$30.00	\$30.00
COMMERICAL DRIVE APRON (Per City Specification, Page 10A)										
REMOVAL	1	/SQ YD	\$12.00	\$12.00	\$10.00	\$10.00	\$14.00	\$14.00	\$20.00	\$20.00
REPLACEMENT	1	/SQ YD	\$75.00	\$75.00	\$80.00	\$80.00	\$72.00	\$72.00	\$70.00	\$70.00
SIDEWALK REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$10.00	\$10.00	\$15.00	\$15.00	\$5.00	\$5.00
SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")										
4" DEPTH	13	/SQ YD	\$46.00	\$598.00	\$80.00	\$1,040.00	\$48.00	\$624.00	\$40.00	\$520.00
5" DEPTH	1	/SQ YD	\$55.00	\$55.00	\$82.00	\$82.00	\$52.00	\$52.00	\$42.00	\$42.00
6" DEPTH	1	/SQ YD	\$56.00	\$56.00	\$85.00	\$85.00	\$58.00	\$58.00	\$45.00	\$45.00
BRIDGE SIDEWALK REMOVAL	1	/SQ YD	\$75.00	\$75.00	\$100.00	\$100.00	\$26.00	\$26.00	\$20.00	\$20.00
BRIDGE SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")										
9" DEPTH	1	/SQ YD	\$80.00	\$80.00	\$100.00	\$100.00	\$84.00	\$84.00	\$75.00	\$75.00
11" DEPTH	1	/SQ YD	\$95.00	\$95.00	\$110.00	\$110.00	\$99.00	\$99.00	\$85.00	\$85.00
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	\$170.00	\$170.00	\$180.00	\$180.00	\$150.00	\$150.00	\$55.00	\$55.00
TOTAL CONCRETE REPAIR				\$420,150.00		\$455,537.00		\$469,810.55		\$504,089.00

UNSCHEDULED CONCRETE REPAIRS			
			Set In Stone Contractors
7" PRICE PER SQUARE YARD	1	/SQ YD	\$118.00
9" PRICE PER SQUARE YARD	1	/SQ YD	\$130.00
12" PRICE PER SQUARE YARD	1	/SQ YD	\$150.00
COMMERCIAL DRIVE APRON:			
REMOVAL	1	/SQ YD	\$15.00
REPLACEMENT	1	/SQ YD	\$90.00

PARTIAL DEPTH JOINT REPAIR					
			Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving
CONCRETE - Unscheduled					
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$7.75	\$8.50	NB
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$7.75	\$9.00	NB
ASPHALT - Unscheduled					
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$22.00	\$18.00	\$20.00
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$32.50	\$20.00	\$35.00

PULVAMIXING				
			Crossroads Asphalt Recycling Inc.	Specialized Construction
Pulv mixing		/SQ YD	\$3.00	\$2.50
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					
			Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving
INSTALLATION OF A MINIMUM OF 50-100 TONS PER 8-HOUR DAY		/TON	\$110.00	\$100.00	\$125.00
INSTALLATION OF A MINIMUM OF 100-300 TONS PER 8-HOUR DAY		/TON	\$90.00	\$80.00	\$100.00
INSTALLATION OF OVER 300 TONS PER 8-HOUR DAY		/TON	\$42.75	\$40.00	\$50.00

PAINT STRIPING				
			J.D. Striping & Services	Aero-Mark, Inc.
TOTAL STREET STRIPING (ALL LINES)			\$45,863.50	\$46,818.00
AUXILIARY MARKINGS			\$32,488.23	\$34,962.74

RECLAMITE			
			(NO BID)
Total Estimated Square Yards for Scheduled Projects = 0 SY		SQUARE YD	
Unit Price for Unscheduled Projects	1	SQUARE YD	

PARTIAL PLANING			Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving
AS NEEDED	1	SQUARE YD	\$60.00	\$60.00	\$75.00

PAVEMENT PLANING			Crossroads Asphalt Recycling	Specialized Construction	Chagrin Valley Paving, Inc.
(Mill 3") Edgerton (between Barr & the City Line)	10,353	SQUARE YD	\$2.81	\$2.94	\$3.04
(Mill 3") Oak Park Drive	1,616	SQUARE YD	\$3.25	\$2.94	\$3.04
(Mill 3") Park Place	2,648	SQUARE YD	\$3.16	\$2.94	\$3.04
(Mill 3") Morningside Drive	1,324	SQUARE YD	\$3.96	\$2.94	\$3.04
(Mill 3") Riverview Road ("S" curve south of Snowville Road)	2,689	SQUARE YD	\$3.11	\$2.94	\$3.04
(Mill 3") Sprague Road (eastbound lane)	3,067	SQUARE YD	\$3.39	\$2.94	\$3.04
(Mill 3") Stadium Drive	1,603	SQUARE YD	\$3.27	\$2.94	\$3.04
(Mill 3") Timber Trail	2,733	SQUARE YD	\$3.06	\$2.94	\$3.04
(Mill 3") Westview Drive (Route 21 to curb and gutter section)	6,571	SQUARE YD	\$3.16	\$2.94	\$3.04
Total Cost for Pavement Planing Work Program, Scheduled Projects	32,604		\$101,083.72	\$95,855.76	\$99,116.16
Unit Price for Unscheduled Projects at 3" Depth		SQUARE YD	\$4.00	\$3.00	\$3.04

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	\$3.00
Cost Per Ton of #57 Stone, Furnished, Delivered and Applied		PER TON	\$40.00

EQUIPMENT RENTAL			Specialized Construction	Crossroads Asphalt Recycling	Asphalt Fabrics & Specialties
A. TRUCKS:					
TANDEM AXLE					
Driver included for material handling/asphalt (per ton)		PER TON	\$85.00	NB	\$17.00
TRI-AXLE					
Driver included for material handling/asphalt (per ton)		PER TON	\$85.00	NB	\$15.00
TACK COAT DISTRIBUTOR W/OPERATOR					
Anticipated Travel Time Per Day:		PER HOUR	\$90.00	\$100.00	\$100.00
			1 Hour	1 Hour	45 minutes
SS1 TACK COAT, DELIVERED TO BRECKSVILLE JOB SITE					
		PER GALLON	\$2.30	\$2.40	\$2.10
B. GRINDERS, MILLING MACHINES, CONCRETE CUTTERS: OPERATOR					
CAT PR105, or equivalent					
		PER HOUR	\$200.00	NB	
		PER WEEK	\$8,000.00	NB	
WIRTGEN 1000, or equivalent, capable of milling asphalt or concrete from 12" to 40" wide in a single pass at depths of 1" to 7" w/self-loading capabilities(to include all mobilization charges for approximately 10 locations)					
		PER HOUR	\$220.00	\$250.00	
		PER WEEK	\$8,800.00	\$9,500.00	
MILLING MACHINE, full width 6' - 7'					
		PER HOUR	\$500.00	\$600.00	
		PER WEEK	\$18,500.00	\$23,000.00	
COST OF OPERATOR					
		PER HOUR	Included	Included	

EQUIPMENT RENTAL (continued)			Specialized Construction	Crossroads Asphalt Recycling
C. EXCAVATION EQUIPMENT				
BACKHOE	Model		Cat 4156	
		<i>PER HOUR</i>	\$70.00	\$85.00
		<i>PER WEEK</i>	\$2,500.00	\$3,000.00
ROAD GRADER	Model		Volvo G	
		<i>PER HOUR</i>	\$140.00	\$140.00
		<i>PER WEEK</i>	\$4,500.00	\$5,500.00
DOZER:				
CAT D-3 OR EQUIVALENT	Model		D3 Cat	
		<i>PER HOUR</i>	\$100.00	\$100.00
		<i>PER WEEK</i>	\$3,800.00	\$3,900.00
CAT D-6 OR EQUIVALENT	Model		D6 Cat	
		<i>PER HOUR</i>	\$130.00	\$135.00
		<i>PER WEEK</i>	\$4,900.00	\$5,200.00
CAT D-8 OR EQUIVALENT	Model		D8 Cat	
		<i>PER HOUR</i>	\$175.00	NB
		<i>PER WEEK</i>	\$5,600.00	NB
ROAD WIDENER	Model		SP 8 Midland	
		<i>PER HOUR</i>	\$175.00	NB
		<i>PER WEEK</i>	\$5,600.00	NB
COST OF OPERATOR		<i>PER HOUR</i>	Included	Included
D. STREET SWEEPER & VAC-ALL				
SELF-PROPELLED VAC-ALL, OR EQUIVALENT (To Include all mobilization charges for approximately 10 locations)	Model		Vac-All 8	
		<i>PER HOUR</i>	\$150.00	NB
		<i>PER WEEK</i>	\$6,000.00	NB
COST OF OPERATOR		<i>PER HOUR</i>	Included	NB
# of Operators Needed			1	NB
COST OF LABORER			\$65.00	NB
# of Laborers Needed			1	NB
E. GRADALL WITH OPERATOR	Model		GradAll 8	
		<i>PER HOUR</i>	\$350.00	NB
		<i>PER WEEK</i>	\$11,000.00	NB
F. COMPACTION ROLLER (20-TON CAPACITY)	Model		Bomag BW 70	
		<i>PER HOUR</i>	\$100.00	\$105.00
		<i>PER WEEK</i>	\$3,500.00	\$4,000.00
G. SPECIAL CONDITIONS				

GUARDRAIL					
				Lake Erie Construction	R.M.S. & Company
For 2017 Work Program:				Unit Price	Total
				Unit Price	Total
MGS Guardrail (9' Steel Post, 12" Plastic Block Out)	1,225' Per Foot			\$20.40	\$24,990.00
MGS Guardrail Radius Panels (9' Steel Post, 12" Plastic Block Out)	1 Per Foot			\$157.00	\$157.00
MGS Anchor Assembly, Type T	2			\$785.00	\$1,570.00
MGS Anchor Assembly, Type E	4			\$2,125.00	\$8,500.00
Guardrail Post, Standard Wood 6'	1			\$50.00	\$50.00
Guardrail Post, Steel 6'	1			\$60.00	\$60.00
Guardrail Post, Steel 9'	1			\$75.00	\$75.00
MGS (12") Plastic Block Out	1			\$13.00	\$13.00
MGS Flared/Buffered End (if not included in Type T Anchor Assembly)	2			\$55.00	\$110.00
Cost Per Mobilization	1 Mobilization			\$625.00	\$625.00
Other Costs Necessary to Complete Scope of Work:					
For Unscheduled Work in 2017:					
Guardrail, Type 5 (to include splice bolts)	1 Panel			\$145.00	\$16.00
Guardrail, Type 5 Radius Panels (to include splice bolts)	1 Panel			\$175.00	\$21.00
Type 5 Anchor Assembly, Type T	1			\$695.00	\$675.00
Type 5 Anchor Assembly, Type E-98	1			\$2,150.00	\$1,875.00
Type 5 Anchor Assembly, Type A	1			\$995.00	\$850.00
Guardrail Post, Standard Wood 6'	1			\$55.00	\$25.00
Guardrail Post, Steel 6'	1			\$65.00	\$40.00
Guardrail Post, Steel 9'	1			\$80.00	\$60.00
Type 5 (8") Plastic Block Out	1			\$10.00	\$5.00
Type 5 Flared/Buffered End (if not included in Type T Anchor Assembly)	1			\$55.00	\$25.00
MGS Guardrail (9' Steel Post, 12" Plastic Block Out)	12.5' per foot			\$23.60	\$25.00
MGS Guardrail Radius Panels (9' Steel Post, 12" Plastic Block Out)	12.5' per foot			\$26.80	\$30.00
MGS Anchor Assembly, Type T	1			\$785.00	\$775.00
MGS Anchor Assembly, Type E	1			\$2,180.00	\$1,875.00
MGS (12") Plastic Block Out	1			\$15.00	\$10.00
Cost Per Mobilization	1 Mobilization			\$685.00	\$400.00
Other Costs Necessary to Complete Scope of Work:					

ASPHALT PAVEMENT PRE-SEAL LAYER				Specialized Construction	Crossroads Asphalt Recycling	Asphalt Fabrics & Specialties
	1	SQUARE YD		\$2.24	\$2.25	\$3.25