

City of Brecksville

2022 ROAD PROGRAM BID TABULATION

BIDS OPENED: February 11, 2022 9:00 a.m.

Present For City of Brecksville: Becki Riser, Purchasing Dept., Jessi Still, Purchasing Dept., Ron Weidig, Service Director and John Chyla, Building Dept. **Contractors:** Nic Furio, Konstruction King, Mark Munyon, Specialized Construction, Corey Lung, Set in Stone Contracting, Larry S., Chagrin Valley Paving

CONCRETE REPAIRS				INDEPENDENCE CEMENT		SET IN STONE CONTRACTING		KONSTRUCTION KING		TRI MOR CORR.		
		Estimated Usage 2022	UNIT	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	UNIT PRICE	TOTAL	
CROSS CUTTING OF CONCRETE												
1	FULL DEPTH	1	/LN FT	\$3.00	\$3.00	\$3.00	\$3.00	\$5.00	\$5.00	\$8.00	\$8.00	
2	SAW CUTTING	8,174	/LN FT	\$2.00	\$16,348.00	\$1.25	\$10,217.50	\$1.00	\$8,174.00	\$2.00	\$16,348.00	
CONCRETE REMOVAL & DISPOSAL (TO INCLUDE ROLLED & STRAIGHT CURB)												
3	BOX OUT REMOVAL	1	/SQ YD	\$20.00	\$20.00	\$25.00	\$25.00	\$10.00	\$10.00	\$250.00	\$250.00	
4	JOINT REMOVAL	782	/SQ YD	\$20.00	\$15,640.00	\$20.00	\$15,640.00	\$10.00	\$7,820.00	\$30.00	\$23,460.00	
5	SLAB REMOVAL	6,474	/SQ YD	\$14.00	\$90,636.00	\$15.00	\$97,110.00	\$10.00	\$64,740.00	\$12.00	\$77,688.00	
CONCRETE REPLACEMENT (TO INCLUDE ROLLED & STRAIGHT CURB)												
6	BOX OUT REPLACEMENT	1	/SQ YD	\$150.00	\$150.00	\$150.00	\$150.00	\$300.00	\$300.00	\$1,000.00	\$1,000.00	
7	JOINT REPLACEMENT	782	/SQ YD	\$80.00	\$62,560.00	\$80.00	\$62,560.00	\$89.00	\$69,598.00	\$100.00	\$78,200.00	
8	SLAB REPLACEMENT	7"	6,036	/SQ YD	\$65.00	\$392,340.00	\$65.75	\$396,867.00	\$72.00	\$434,592.00	\$70.00	\$422,520.00
9		9"	438	/SQ YD	\$80.00	\$35,040.00	\$84.00	\$36,792.00	\$80.00	\$35,040.00	\$90.00	\$39,420.00
10		12"	1	/SQ YD	\$100.00	\$100.00	\$150.00	\$150.00	\$100.00	\$100.00	\$200.00	\$200.00
11	BASE REMOVAL & DISPOSAL	100	/CU YD	\$15.00	\$1,500.00	\$10.00	\$1,000.00	\$5.00	\$500.00	\$30.00	\$3,000.00	
12	BASE REPLACEMENT WITH COMPACTION	100	/CU YD	\$40.00	\$4,000.00	\$25.00	\$2,500.00	\$25.00	\$2,500.00	\$60.00	\$6,000.00	
13	4" UNDERDRAIN INSTALLED & BACKFILLED	1	/LN FT	\$20.00	\$20.00	\$15.00	\$15.00	\$15.00	\$15.00	\$20.00	\$20.00	
14	24" WIDE CURB & GUTTER -	REMOVAL	1	/LN FT	\$20.00	\$20.00	\$20.00	\$20.00	\$10.00	\$10.00	\$15.00	\$15.00
15		REPLACEMENT	1	/LN FT	\$30.00	\$30.00	\$30.00	\$30.00	\$38.00	\$38.00	\$36.00	\$36.00
16	32" WIDE CURB & GUTTER -	REMOVAL	1,371	/LN FT	\$10.00	\$13,710.00	\$10.00	\$13,710.00	\$10.00	\$13,710.00	\$15.00	\$20,565.00
17		REPLACEMENT	1,371	/LN FT	\$27.00	\$37,017.00	\$31.00	\$42,501.00	\$40.00	\$54,840.00	\$38.00	\$52,098.00
18	TYPE 2A CURB -	REMOVAL	1	/LN FT	\$15.00	\$15.00	\$12.00	\$12.00	\$10.00	\$10.00	\$20.00	\$20.00
19		REPLACEMENT	1	/LN FT	\$30.00	\$30.00	\$35.00	\$35.00	\$38.00	\$38.00	\$50.00	\$50.00
20	TYPE 6A CURB -	REMOVAL	33	/LN FT	\$15.00	\$495.00	\$15.00	\$495.00	\$15.00	\$495.00	\$25.00	\$825.00
21		REPLACEMENT	33	/LN FT	\$35.00	\$1,155.00	\$35.00	\$1,155.00	\$35.00	\$1,155.00	\$40.00	\$1,320.00
22	TYPE 6A CURB -	NEW INSTALLATION	1	/LN FT	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$15.00	\$40.00	\$40.00
23	ROLLED CURB -	REMOVAL	1	/LN FT	\$15.00	\$15.00	\$10.00	\$10.00	\$10.00	\$10.00	\$25.00	\$25.00
24		REPLACEMENT	1	/LN FT	\$26.00	\$26.00	\$30.00	\$30.00	\$38.00	\$38.00	\$50.00	\$50.00
25	604 CATCH BASIN OR MANHOLE ADJUSTED TO GRADE	1	EA	\$300.00	\$300.00	\$300.00	\$300.00	\$50.00	\$50.00	\$1,000.00	\$1,000.00	
26	604 MONUMENT BOX OR WATER VALVE BOX ADJ TO GRADE	1	EA	\$200.00	\$200.00	\$500.50	\$500.50	\$500.00	\$500.00	\$500.00	\$500.00	
27	604 CATCH BASIN, VAULT BOX REBUILT	1	EA	\$300.00	\$300.00	\$300.00	\$300.00	\$250.00	\$250.00	\$3,500.00	\$3,500.00	
28	604 CATCH BASIN, VAULT BOX REPLACED	1	EA	\$400.00	\$400.00	\$400.00	\$400.00	\$250.00	\$250.00	\$5,000.00	\$5,000.00	
29	604 CATCH BASIN RECONSTRUCTED TO GRADE	1	EA	\$400.00	\$400.00	\$450.00	\$450.00	\$150.00	\$150.00	\$1,200.00	\$1,200.00	
30	BLOCKOUTS	1	EA	\$300.00	\$300.00	\$850.00	\$850.00	\$150.00	\$150.00	\$1,000.00	\$1,000.00	
31	ADDITIONAL COST FOR ODOT MS CONCRETE	1	/CU YD	\$150.00	\$150.00	\$25.00	\$25.00	\$150.00	\$150.00	\$30.00	\$30.00	
32	ADDITIONAL COST FOR FAST SET ODOT FS	1	/CU YD	\$30.00	\$30.00	\$50.00	\$50.00	\$20.00	\$20.00	\$75.00	\$75.00	
33	DRIVEWAY APRON REMOVAL	1	/SQ YD	\$10.00	\$10.00	\$12.00	\$12.00	\$10.00	\$10.00	\$25.00	\$25.00	
34	DRIVEWAY APRON REPLACEMENT, 6" DEPTH	1	/SQ YD	\$70.00	\$70.00	\$70.00	\$70.00	\$80.00	\$80.00	\$125.00	\$125.00	
COMMERICAL DRIVE APRON (Per City Specification, Page 10A)												
35		REMOVAL	1	/SQ YD	\$15.00	\$15.00	\$15.00	\$15.00	\$10.00	\$10.00	\$25.00	\$25.00
36		REPLACEMENT	1	/SQ YD	\$85.00	\$85.00	\$85.00	\$85.00	\$110.00	\$110.00	\$125.00	\$125.00
37	SIDEWALK REMOVAL	225	/SQ YD	\$10.00	\$2,250.00	\$10.00	\$2,250.00	\$10.00	\$2,250.00	\$20.00	\$4,500.00	
SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")												
38	4" DEPTH	225	/SQ YD	\$70.00	\$15,750.00	\$62.00	\$13,950.00	\$62.00	\$13,950.00	\$100.00	\$22,500.00	
39	5" DEPTH	1	/SQ YD	\$75.00	\$75.00	\$73.00	\$73.00	\$78.00	\$78.00	\$135.00	\$135.00	
40	6" DEPTH	1	/SQ YD	\$80.00	\$80.00	\$75.00	\$75.00	\$80.00	\$80.00	\$135.00	\$135.00	
41	BRIDGE SIDEWALK REMOVAL	1	/SQ YD	\$30.00	\$30.00	\$30.00	\$30.00	\$15.00	\$15.00	\$500.00	\$500.00	
BRIDGE SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")												
42	9" DEPTH	1	/SQ YD	\$105.00	\$105.00	\$100.00	\$100.00	\$50.00	\$50.00	\$800.00	\$800.00	
43	11" DEPTH	1	/SQ YD	\$115.00	\$115.00	\$115.00	\$115.00	\$50.00	\$50.00	\$1,000.00	\$1,000.00	
	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	\$210.00	\$210.00	\$300.00	\$300.00	\$250.00	\$250.00	\$300.00	\$300.00	
44	Concrete Services To Be Performed by Company (Bidder)			100%		ALL CONCRETE WORK		100%		ALL		
45	Concrete Services To Be Performed by SubContractors			NONE		FULL DEPTH SAWING		NONE		NONE		
TOTAL CONCRETE REPAIR					\$691,760.00		\$700,993.00		\$712,206.00		\$785,633.00	

UNSCHEDULED CONCRETE REPAIRS					INDEPENDENCE CEMENT	SET IN STONE CONTRACTING	TRI MOR CORP.
7" PRICE PER SQUARE YARD	1	/SQ YD			\$30.00	\$200.00	\$150.00
9" PRICE PER SQUARE YARD	1	/SQ YD			\$40.00	\$250.00	\$200.00
12" PRICE PER SQUARE YARD	1	/SQ YD			\$50.00	\$350.00	\$210.00
Mobilization Charge for Unscheduled Concrete Projects	1	EACH			\$500.00	\$2,500.00	\$15,000.00
COMMERCIAL DRIVE APRON:							
REMOVAL	1	/SQ YD			\$1,000.00	\$100.00	\$25.00
REPLACEMENT	1	/SQ YD			\$4,000.00	\$150.00	\$125.00

PARTIAL DEPTH JOINT REPAIR					CROSSROADS ASPHALT RECYCLING INC.	CHAGRIN VALLEY PAVING INC.	SPECIALIZED CONSTRUCTION INC.
CONCRETE - Unscheduled							
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT			\$12.00	\$15.00	\$12.00
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT			\$13.00	\$25.00	\$12.50
ASPHALT - Unscheduled							
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT			\$28.00	\$40.00	\$24.00
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT			\$38.00	\$60.00	\$30.00

PULVAMIXING					SPECIALIZED CONSTRUCTION INC.	CROSSROADS ASPHALT RECYCLING INC.
Pulvamixing		/SQ YD			\$3.00	\$4.00
Sub Base Removal and Replacement		/CU YD			\$40.00	\$52.00
CMS-1 or CMS-2 Applied		/GAL			\$4.00	\$4.75
#57 Stone Delivered and Spread		/TON			\$40.00	\$57.00

ASPHALT PLACEMENT					CHAGRIN VALLEY PAVING INC.	CROSSROADS ASPHALT RECYCLING INC.	SPECIALIZED CONSTRUCTION INC.
INSTALLATION OF A MINIMUM OF 50-99 TONS PER 8-HOUR DAY		/TON			\$125.00	\$115.00	\$100.00
INSTALLATION OF A MINIMUM OF 100-299 TONS PER 8-HOUR DAY		/TON			\$100.00	\$95.00	\$80.00
INSTALLATION OF 300+ TONS PER 8-HOUR DAY		/TON			\$90.00	\$50.00	\$50.00

PAINT STRIPING					JD STRIPING & SERVICES INC.
TOTAL STREET STRIPING (ALL LINES)					\$60,404.00
AUXILIARY TRAFFIC MARKINGS					\$39,893.56
Additional Charges for Striping Newly Paved Streets within 48 Hours					\$1,000/ADDED MOVE IN

PARTIAL PLANING					CROSSROADS ASPHALT RECYCLING INC.	SPECIALIZED CONSTRUCTION INC.	CHAGRIN VALLEY PAVING INC.
AS NEEDED	1	SQUARE YD			\$75.00	\$58.00	\$75.00

PAVEMENT PLANING			SPECIALIZED CONSTRUCTION INC.		CROSSROADS ASPHALT RECYCLING INC.		CHAGRIN VALLEY PAVING INC.	
STREET NAME	MILL	SQUARE YDS	PRICE/SQUARE YD	EXTENDED PRICE	PRICE/SQUARE YD	EXTENDED PRICE	PRICE/SQUARE YD	EXTENDED PRICE
Crystal Creek	3" mill	930	\$2.99	\$2,780.70	\$4.53	\$4,212.90	\$3.30	\$3,069.00
Forestview Terrace	3" mill	868	\$2.99	\$2,595.32	\$4.53	\$3,932.04	\$3.30	\$2,864.40
Greenhaven (9511-9607)	3" mill	712	\$2.99	\$2,128.88	\$4.53	\$3,225.36	\$3.30	\$2,349.60
Hidden Lake Tr	3" mill	2,639	\$2.99	\$7,890.61	\$4.53	\$11,954.67	\$3.30	\$8,708.70
Parkview Rd	3" mill	7,938	\$2.99	\$23,734.62	\$4.53	\$35,959.14	\$3.30	\$26,195.40
Summer Wind	3" mill	705	\$2.99	\$2,107.95	\$4.53	\$3,193.65	\$3.30	\$2,326.50
Thorn tree Dr.	3" mill	3,133	\$2.99	\$9,367.67	\$4.53	\$14,192.49	\$3.30	\$10,338.90
Wiese (Iro to Chau.)	3" mill	3,259	\$2.99	\$9,744.41	\$4.53	\$14,763.27	\$3.30	\$10,754.70
Whitewood (21 to Meadow)	3" mill	4,374	\$2.99	\$13,078.26	\$4.53	\$19,814.22	\$3.30	\$14,434.20
Woodbridge Ln	3" mill	1,453	\$2.99	\$4,344.47	\$4.53	\$6,582.09	\$3.30	\$4,794.90
Woodmill Cr	3" mill	1,532	\$2.99	\$4,580.68	\$4.53	\$6,939.96	\$3.30	\$5,055.60
Blossom	3" mill	1,431	\$2.99	\$4,278.69	\$4.53	\$6,482.43	\$3.30	\$4,722.30
Historical Assn Lot (Blossom)	3" mill	284	\$2.99	\$849.16	\$4.53	\$1,286.52	\$3.30	\$937.20
Cemetery (Highland)	3" mill	1,573	\$2.99	\$4,703.27	\$4.53	\$7,125.69	\$3.30	\$5,190.90
Wallings Rd (Proposed County Grant)	3" mill	7,940	\$2.99	\$23,740.60	\$4.53	\$35,968.20	\$3.30	\$26,202.00
Riverview Rd (Proposed County Grant)	3" mill	4,720	\$2.99	\$14,112.80	\$4.53	\$21,381.60	\$3.30	\$15,576.00
Total Cost for Pavement Planing Work Program, Scheduled Projects 3" @ grand total of 43,491 sq. yds			\$130,038.09		\$197,014.23		\$143,520.30	
Unit Price for Unscheduled Projects at 3" Depth		SQUARE YD	\$3.25		\$5.00		\$3.30	
Mobilization Charge for Unscheduled Projects		EACH	\$1,750.00		\$1,500.00		\$2,500.00	
Surface Patching		CUBIC YD	\$500.00		\$500.00		\$500.00	

SINGLE PASS			SPECIALIZED CONSTRUCTION INC.
Cost Per Square Yard of Single Pass Recycling included testing and mix design	SQUARE YD		\$10.00
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		\$75.00

EQUIPMENT RENTAL			SPECIALIZED CONSTRUCTION INC.	CROSSROADS ASPHALT RECYCLING INC.	CHAGRIN VALLEY PAVING INC.	ASPHALT FABRICS & SPECIALTIES
A. TRUCKS:						
TANDEM AXLE						
Driver included for material handling/asphalt (per ton)	PER TON		NB	NB	NB	NB
	PER HOUR		NB	NB	NB	NB
TRI-AXLE						
Driver included for material handling/asphalt (per ton)	PER TON		NB	NB	NB	NB
	PER HOUR		NB	NB	NB	NB
TACK COAT DISTRIBUTOR W/OPERATOR						
Anticipated Travel Time Per Day:			\$110.00	NB	\$125.00	\$110.00
			30 MINUTES	NB	2 HRS	30 MINUTES
SS1 TACK COAT, DELIVERED TO BRECKSVILLE JOB SITE						
	PER GALLON		\$3.00	NB	\$3.00	\$2.30
B. GRINDERS, MILLING MACHINES, CONCRETE CUTTERS; OPERATOR						
CAT PR105, or equivalent						
	PER HOUR		\$200.00	NB	NB	NB

EQUIPMENT RENTAL continued			SPECIALIZED CONSTRUCTION INC.	CROSSROADS ASPHALT RECYCLING INC.	CHAGRIN VALLEY PAVING INC.	ASPHALT FABRICS & SPECIALTIES
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	\$250.00	\$310.00	NB	NB
		PER WEEK	\$10,000.00	\$12,400.00	NB	NB
MILLING MACHINE, full width 6' – 7'.		PER HOUR	\$500.00	\$660.00	NB	NB
		PER WEEK	\$18,500.00	\$26,400.00	NB	NB
Does your company own the milling machine?			YES	YES	NB	NB
COST OF OPERATOR		PER HOUR	Included	Included	NB	NB
C. EXCAVATION EQUIPMENT						
BACKHOE		Model	4156 CAT			
		PER HOUR	\$70.00	\$110.00	NB	NB
		PER WEEK	\$2,500.00	\$4,400.00	NB	NB
ROAD GRADER		Model	G8 Volvo			
		PER HOUR	\$140.00	\$160.00	NB	NB
		PER WEEK	\$4,500.00	\$6,400.00	NB	NB
DOZER:						
CAT D-3 OR EQUIVALENT		Model	D-3 CAT			
		PER HOUR	\$100.00	\$130.00	NB	NB
		PER WEEK	\$3,800.00	\$5,200.00	NB	NB
CAT D-6 OR EQUIVALENT		Model	D-6 CAT			
		PER HOUR	\$130.00	\$160.00	NB	NB
		PER WEEK	\$4,900.00	\$6,400.00	NB	NB
CAT D-8 OR EQUIVALENT		Model	D-8 CAT			
		PER HOUR	\$200.00	NB	NB	NB
		PER WEEK	\$8,000.00	NB	NB	NB
ROAD WIDENER		Model	SP-8 Midland			
		PER HOUR	\$175.00	NB	NB	NB
		PER WEEK	\$7,000.00	NB	NB	NB
COST OF OPERATOR		PER HOUR	Included	Included	NB	NB
D. STREET SWEEPER & VAC-ALL						
charges for approximately 10 locations)		Model	8Cy Vac-All			
		PER HOUR	\$150.00	NB	NB	NB
		PER WEEK	\$6,000.00	NB	NB	NB
COST OF OPERATOR		PER HOUR	Included	NB	NB	NB
# of Operators Needed			1	NB	NB	NB
COST OF LABORER			\$65.00	NB	NB	NB
# of Laborers Needed			1	NB	NB	NB
E. GRADALL WITH OPERATOR						
		Model	8-Gradall			
		PER HOUR	\$350.00	NB	NB	NB
		PER WEEK	\$11,000.00	NB	NB	NB
F. COMPACTION ROLLER (20-TON CAPACITY)						
		Model	110 Bomag			
		PER HOUR	\$100.00	NB	NB	NB
		PER WEEK	\$3,500.00	NB	NB	NB

GUARDRAIL				CUYAHOGA FENCE LLC		LAKE ERIE CONSTRUCTION COMPANY	
ITEM	ESTIMATED 2022 QUANTITY	UNIT OF MEASURE	UNIT PRICE	EXTENDED TOTAL	UNIT PRICE	EXTENDED TOTAL	
1	Guardrail, Type 5 (to include splice bolts)	1	1 Panel	\$160.00	\$160.00	\$250.00	\$250.00
2	Guardrail, Type 5 Radius Panels	1	1 Panel	\$162.00	\$162.00	\$280.00	\$280.00
3	Type-5 Anchor Assembly, Type T	1	1	\$750.00	\$750.00	\$975.00	\$975.00
4	Type-5 Anchor Assembly, Type E-98	1	1	\$1,475.00	\$1,475.00	\$2,970.00	\$2,970.00
5	Type-5 Anchor Assembly, Type A	1	1	\$1,200.00	\$1,200.00	\$1,480.00	\$1,480.00
6	Guardrail Post, Standard Wood 6'	1	1	\$32.00	\$32.00	\$35.00	\$35.00
7	Guardrail Post, Steel 6'	1	1	\$63.00	\$63.00	\$95.00	\$95.00
8	Guardrail Post, Steel 9'	1	1	\$102.00	\$102.00	\$135.00	\$135.00
9	Type-5 (8") Plastic Block Out	1	1	\$9.50	\$9.50	\$11.00	\$11.00
10	Type-5 Flared/Buffered End (If not included in Type T Anchor Assembly)	1	1	\$45.00	\$45.00	\$50.00	\$50.00
11	MGS Flared/Buffered End (If not included in Type T Anchor Assembly)	12	1	\$45.00	\$540.00	\$50.00	\$600.00
12	MGS Guardrail (6' Steel Post, 12" Plastic Block Out)	622	Per foot	\$29.50	\$18,349.00	\$29.60	\$18,411.20
13	MGS Guardrail- Radius Panel (6' Steel Post, 12" Plastic Block Out)	48	Per foot	\$29.50	\$1,416.00	\$32.80	\$1,574.40
14	MGS Guardrail (9' Steel Post, 12" Plastic Block Out)	650	12.5' per foot	\$32.50	\$21,125.00	\$36.80	\$23,920.00
15	MGS Guardrail- Radius Panel (9' Steel Post, 12" Plastic Block Out)	24	12.5' per foot	\$32.50	\$780.00	\$40.60	\$974.40
16	MGS Anchor Assembly Type-T	8	1	\$1,050.00	\$8,400.00	\$1,380.00	\$11,040.00
17	MGS Anchor Assembly Type-E	4	1	\$2,448.50	\$9,794.00	\$3,020.00	\$12,080.00
18	MGS 12" Plastic Block Out	1	1	\$10.00	\$10.00	\$14.00	\$14.00
20	Cost Per Mobilization	1	1 Mobilization	\$800.00	\$800.00	\$700.00	\$700.00

ASPHALT PAVEMENT PRE-SEAL LAYER				SPECIALIZED CONSTRUCTION INC.	ASPHALT FABRICS & SPECIALTIES	CROSSROADS ASPHALT RECYCLING INC.	GEAUGA HIGHWAY
		0-4,999	SQUARE YD	\$2.38	\$6.00	\$3.75	\$5.50
		5,000-9,999	SQUARE YD	\$2.38	\$4.00	\$3.65	\$3.30
		10,000+	SQUARE YD	\$2.38	\$4.00	\$3.55	\$2.60