

# City of Brecksville

## 2014 ROAD PROGRAM BID TABULATION

BIDS OPENED: December 6, 2013 9:00 a.m.

Present Were: Becki Burlingham, City of Brecksville, Ron Weidig, City of Brecksville

Contractors: George Paolucci, Tri-Mor Corporation, Mike Dempsey, CATTs Construction, Raffaele Colecchia, TC Construction, John Furio, Konstruction King, David Buynak, Pavement Technology & Lloyd Culpepper, Specialized Construction.

<b>CONCRETE REPAIRS</b>										
Bidders	Estimated Usage 2014	UNIT	TriMor Corporation		Konstruction King		CATTs Construction		T.C. Construction Company	
			Unit Prices	Total	Unit Prices	Total	Unit Prices	Total	Unit Prices	Total
<b>CROSS CUTTING OF CONCRETE</b>										
FULL DEPTH	4,814	/LN FT	\$3.00	\$14,442.00	\$0.50	\$2,407.00	\$1.00	\$4,814.00	\$1.25	\$6,017.50
SAW CUTTING	1	/LN FT	\$5.00	\$5.00	\$1.00	\$1.00	\$2.00	\$2.00	\$1.40	\$1.40
<b>CONCRETE REMOVAL &amp; DISPOSAL (TO INCLUDE ROLLED &amp; STRAIGHT CURB)</b>										
BOX OUT	1	/SQ YD	\$500.00	\$500.00	\$40.00	\$40.00	\$40.00	\$40.00	\$15.00	\$15.00
JOINT REPAIR	1	/SQ YD	\$100.00	\$100.00	\$20.00	\$20.00	\$25.00	\$25.00	\$15.00	\$15.00
SLAB REPLACEMENT	10,794	/SQ YD	\$25.00	\$269,850.00	\$10.00	\$107,940.00	\$12.00	\$129,528.00	\$12.00	\$129,528.00
<b>CONCRETE REPLACEMENT (TO INCLUDE ROLLED &amp; STRAIGHT CURB)</b>										
BOX OUT	1	/SQ YD	\$500.00	\$500.00	\$60.00	\$60.00	\$65.00	\$65.00	\$48.00	\$48.00
JOINT REPAIR	1	/SQ YD	\$150.00	\$150.00	\$60.00	\$60.00	\$70.00	\$70.00	\$48.00	\$48.00
SLAB REPLACEMENT										
7"	9,994	/SQ YD	\$75.00	\$749,550.00	\$41.00	\$409,754.00	\$42.25	\$422,246.50	\$47.00	\$469,718.00
9"	850	/SQ YD	\$125.00	\$106,250.00	\$50.00	\$42,500.00	\$49.00	\$41,650.00	\$54.00	\$45,900.00
12"	1	/SQ YD	\$275.00	\$275.00	\$90.00	\$90.00	\$90.00	\$90.00	\$55.00	\$55.00
SUB BASE REMOVAL & DISPOSAL	428	/CU YD	\$55.00	\$23,540.00	\$5.00	\$2,140.00	\$5.00	\$2,140.00	\$3.00	\$1,284.00
SUB BASE REPLACEMENT WITH COMPACTION	428	/CU YD	\$55.00	\$23,540.00	\$40.00	\$17,120.00	\$33.00	\$14,124.00	\$30.00	\$12,840.00
4" UNDERDRAIN INSTALLED & BACKFILLED	1	/LN FT	\$25.00	\$25.00	\$25.00	\$25.00	\$20.00	\$20.00	\$4.50	\$4.50
24" WIDE CURB & GUTTER -										
REMOVAL	1	/LN FT	\$50.00	\$50.00	\$10.00	\$10.00	\$10.00	\$10.00	\$4.00	\$4.00
REPLACEMENT	1	/LN FT	\$80.00	\$80.00	\$40.00	\$40.00	\$30.00	\$30.00	\$9.00	\$9.00
32" WIDE CURB & GUTTER -										
REMOVAL	372	/LN FT	\$40.00	\$14,880.00	\$5.00	\$1,860.00	\$5.00	\$1,860.00	\$5.00	\$1,860.00
REPLACEMENT	372	/LN FT	\$80.00	\$29,760.00	\$30.00	\$11,160.00	\$30.00	\$11,160.00	\$14.00	\$5,208.00
TYPE 2A CURB -										
REMOVAL	1	/LN FT	\$50.00	\$50.00	\$5.00	\$5.00	\$10.00	\$10.00	\$1.00	\$1.00
REPLACEMENT	1	/LN FT	\$80.00	\$80.00	\$20.00	\$20.00	\$30.00	\$30.00	\$6.00	\$6.00
TYPE 6 CURB -										
REMOVAL	196	/LN FT	\$50.00	\$9,800.00	\$5.00	\$980.00	\$6.00	\$1,176.00	\$5.00	\$980.00
REPLACEMENT	196	/LN FT	\$50.00	\$9,800.00	\$16.00	\$3,136.00	\$18.00	\$3,528.00	\$9.00	\$1,764.00
TYPE 6 CURB -										
NEW INSTALLATION	640	/LN FT	\$45.00	\$28,800.00	\$19.00	\$12,160.00	\$16.00	\$10,240.00	\$15.00	\$9,600.00
ROLLED CURB -										
REMOVAL	1		\$50.00	\$50.00	\$5.00	\$5.00	\$10.00	\$10.00	\$1.00	\$1.00
REPLACEMENT	1		\$50.00	\$50.00	\$20.00	\$20.00	\$30.00	\$30.00	\$3.00	\$3.00
604 CATCH BASIN OR MANHOLE ADJUSTED TO GRADE	1	EA	\$1,000.00	\$1,000.00	\$100.00	\$100.00	\$350.00	\$350.00	\$150.00	\$150.00
604 MONUMENT BOX OR WATER VALVE BOX ADJ TO GRADE	1	EA	\$800.00	\$800.00	\$300.00	\$300.00	\$300.00	\$300.00	\$50.00	\$50.00
604 CATCH BASIN, VAULT BOX REBUILT	1	EA	\$2,500.00	\$2,500.00	\$300.00	\$300.00	\$600.00	\$600.00	\$800.00	\$800.00
604 CATCH BASIN, VAULT BOX REPLACED	1	EA	\$5,000.00	\$5,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$1,400.00	\$1,400.00
604 CATCH BASIN RECONSTRUCTED TO GRADE	1	EA	\$1,800.00	\$1,800.00	\$350.00	\$350.00	\$1,200.00	\$1,200.00	\$600.00	\$600.00
604 MONUMENT BOX ADJUSTED TO GRADE INCLUDING NEW CONCRETE BLOCKOUTS	1	EA	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$300.00	\$300.00	\$100.00	\$100.00
ADDITIONAL COST FOR HIGH EARLY CONCRETE	1	/CU YD	\$25.00	\$25.00	\$10.00	\$10.00	\$15.00	\$15.00	\$6.00	\$6.00
ADDITIONAL COST FOR FAST SET ODOT FS	1	/CU YD	\$50.00	\$50.00	\$20.00	\$20.00	\$20.00	\$20.00	\$15.00	\$15.00
DRIVEWAY APRON REMOVAL	1	/SQ YD	\$25.00	\$25.00	\$10.00	\$10.00	\$20.00	\$20.00	\$5.00	\$5.00
DRIVEWAY APRON REPLACEMENT, 7" DEPTH	1	/SQ YD	\$75.00	\$75.00	\$70.00	\$70.00	\$50.00	\$50.00	\$45.00	\$45.00
COMMERICAL DRIVE APRON (Per City Specification, Page 10A)										
REMOVAL	1	/SQ YD	\$25.00	\$25.00	\$10.00	\$10.00	\$15.00	\$15.00	\$10.00	\$10.00
REPLACEMENT	1	/SQ YD	\$100.00	\$100.00	\$80.00	\$80.00	\$65.00	\$65.00	\$65.00	\$65.00
SIDEWALK REMOVAL	1	/SQ YD	\$20.00	\$20.00	\$10.00	\$10.00	\$15.00	\$15.00	\$1.00	\$1.00
SIDEWALK REPLACEMENT (To Include Wire Mesh, W2.9 x W2.9, 6"x6")										
4" DEPTH	1	/SQ YD	\$70.00	\$70.00	\$40.00	\$40.00	\$40.00	\$40.00	\$4.00	\$4.00
5" DEPTH	1	/SQ YD	\$75.00	\$75.00	\$42.00	\$42.00	\$42.00	\$42.00	\$4.50	\$4.50
6" DEPTH	1	/SQ YD	\$80.00	\$80.00	\$50.00	\$50.00	\$48.00	\$48.00	\$5.00	\$5.00
BRIDGE SIDEWALK REMOVAL	1	/SQ YD	\$500.00	\$500.00	\$20.00	\$20.00	\$50.00	\$50.00	\$7.00	\$7.00
BRIDGE SIDEWALK REPLACEMENT ( To Include Wire Mesh, W2.9 x W2.9, 6"x6")										
9" DEPTH	1	/SQ YD	\$1,000.00	\$1,000.00	\$60.00	\$60.00	\$75.00	\$75.00	\$70.00	\$70.00
11" DEPTH	1	/SQ YD	\$1,000.00	\$1,000.00	\$80.00	\$80.00	\$90.00	\$90.00	\$80.00	\$80.00
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	\$1,500.00	\$1,500.00	\$140.00	\$140.00	\$175.00	\$175.00	\$18.00	\$18.00
<b>TOTAL CONCRETE REPAIR</b>				<b>\$1,298,772.00</b>		<b>\$614,245.00</b>		<b>\$647,368.50</b>		<b>\$688,345.90</b>

<b>PARTIAL DEPTH JOINT REPAIR</b>					
			<b>Crossroads Asphalt Recycling</b>	<b>Specialized Construction</b>	<b>Barbicas Construction</b>
<i>Bidders:</i>					
<b>CONCRETE</b>					
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$7.25	\$8.00	\$13.75
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$7.75	\$8.50	\$19.00
<b>ASPHALT</b>					
LONGITUDINAL JOINT BY THE LINEAL FOOT	1	/LN FT	\$15.50	\$16.00	\$10.85
TRANSVERSE JOINT OR CRACK BY THE LINEAL FOOT	1	/LN FT	\$15.50	\$17.00	\$16.65

<b>PULVAMIXING</b>					
			<b>Crossroads Asphalt Recycling Inc.</b>	<b>Specialized Construction</b>	
Pulv mixing		/SQ YD	\$2.25	\$2.00	
Sub Base Removal and Replacement		/CU YD	\$32.00	\$25.00	
CMS-1 or CMS-2 Applied		/GAL	\$2.65	\$2.25	
#57 Stone Delivered and Spread		/TON	\$28.00	\$25.00	

<b>ASPHALT PLACEMENT</b>						
			<b>Crossroads Asphalt Recycling</b>	<b>Chagrin Valley Paving, Inc.</b>	<b>Barbicas Construction</b>	<b>Specialized Construction</b>
INSTALLATION OF A MINIMUM OF 50-100 TONS PER 8-HOUR DAY		/TON	\$105.00	\$92.00	\$170.00	\$90.00
INSTALLATION OF A MINIMUM OF 100-300 TONS PER 8-HOUR DAY		/TON	\$50.00	\$41.00	\$112.00	\$40.00
INSTALLATION OF OVER 300 TONS PER 8-HOUR DAY		/TON	\$35.00	\$27.50	\$95.00	\$25.00

<b>PAINT STRIPING</b>					
			<b>Dura Mark</b>	<b>J.D. Striping &amp; Services</b>	<b>Aero-Mark, Inc.</b>
<b>ROADWAYS</b>			NB	\$42,680.00	\$44,496.00
<b>AUXILIARY MARKINGS</b>				\$53,118.00	\$29,251.08
					\$33,140.56

<b>RECLAMITE</b>					
			<b>Pavement Technology</b>		
Total Estimated Square Yards = 105,784 SY	105,784	SQUARE YD	\$0.82		
			\$86,742.88		

<b>PARTIAL PLANING</b>					
			<b>Crossroads Asphalt Recycling</b>	<b>Specialized Construction</b>	<b>Barbicas Construction</b>
AS NEEDED	1	SQUARE YD	\$75.00	\$37.50	\$65.00

<b>UTILITY REPAIRS</b>						
			<b>Crossroads Asphalt Recycling</b>	<b>Specialized Construction</b>	<b>TriMor Corporation</b>	<b>Barbicas Construction</b>
<b>ASPHALT -Per Square Foot</b>		SQUARE FOOT	\$45.00	\$26.50	\$20.00	\$28.00
<b>6" CONCRETE -Per Square Yard</b>		SQUARE YD	NB	NB	\$400.00	
<b>7" CONCRETE -Per Square Yard</b>		SQUARE YD	NB	NB	\$500.00	
<b>12" CONCRETE -Per Square Yard</b>		SQUARE YD	NB	NB	\$600.00	
<b>COMMERCIAL DRIVE APRON (Per Square Yard)</b>		REMOVAL REPLACEMENT	NB NB	NB NB	\$100.00 \$400.00	

(NOT AWARDING UTILITY REPAIRS FOR 2014)

<b>PAVEMENT PLANING</b>			<b>Crossroads Asphalt Recycling</b>	<b>Specialized Construction</b>	<b>Barbicas Construction</b>	<b>Chagrin Valley Paving, Inc.</b>
(Mill 3") Farview	6,550	SQUARE YD	\$3.14	\$3.00	\$3.15	\$2.95
(Mill 3") Mallard	2,502	SQUARE YD	\$3.98	\$3.25	\$4.10	\$3.18
(Mill 3") Pin Tail	2,627	SQUARE YD	\$3.98	\$3.25	\$4.10	\$3.18
(Mill 3") Crane Creek	2,185	SQUARE YD	\$3.98	\$3.25	\$4.20	\$3.18
(Mill 3") Blossom Repairs (east side of loop)	1,800	SQUARE YD	\$4.18	\$3.25	\$5.25	\$4.18
(Mill 3") Westview (curb & gutter section)	1,470	SQUARE YD	\$4.18	\$3.25	\$5.25	\$4.44
(Mill 3") Hillsdale (curb & gutter section)	1,580	SQUARE YD	\$4.18	\$3.25	\$5.25	\$4.14
(Mill 3") Barr	4,753	SQUARE YD	\$3.14	\$3.00	\$3.20	\$2.90
(Mill 3") Snowville	47,068	SQUARE YD	\$2.55	\$2.25	\$2.50	\$2.80
(Mill 3") Riverview	9,298	SQUARE YD	\$2.65	\$1.50	\$2.50	\$3.30
(Mill 2") Blossom Repairs (west side of loop - 2" depth)	360	SQUARE YD	\$4.00	\$3.25	\$5.25	\$11.00
<b>Total Cost for Pavement Planing Work Program, Scheduled Projects</b>	<b>79,833</b>		<b>\$230,977.24</b>	<b>\$194,462.00</b>	<b>\$234,315.50</b>	<b>\$243,390.52</b>
<i>Unit Price for Unscheduled Projects at 3" Depth</i>		SQUARE YD	\$3.00	\$3.00	\$5.00	\$3.95

### SINGLE PASS

			<b>Specialized Construction</b>
Cost Per Square Yard of Single Pass Recycling included testing and mix design	SQUARE YD		\$3.50
Cost Per Gallon of CSS-1 or Undiluted Recycling Agent Cyclogen M.E. or a Blend of All	PER GALLON		\$3.50
Cost Per Ton of #57 Stone, Furnished, Delivered and Applied	PER TON		\$35.00

### EQUIPMENT RENTAL

<b>Bidders:</b>			<b>Specialized Construction</b>	<b>Crossroads Asphalt Recycling</b>	<b>Asphalt Fabrics &amp; Specialties</b>
<b>A. TRUCKS:</b>					
<b>TANDEM AXLE</b>					
Driver included for excavation and material handling	PER HOUR		\$80.00	\$75.00	
<b>TRI-AXLE</b>					
Driver included for excavation and material handling	PER HOUR		\$80.00	\$78.00	
<b>TACK COAT DISTRIBUTOR W/OPERATOR</b>					
Anticipated Travel Time Per Day:	PER HOUR		\$85.00	\$90.00	\$100.00
			30 Min.	1.5 Hours	1 Hour
<b>250-GALLON TAG-ALONG TACK KETTLE</b>					
	PER DAY		\$250.00	NB	
	PER WEEK		\$750.00	NB	
<b>SS1 TACK COAT, DELIVERED TO BRECKSVILLE JOB SITE</b>					
	PER GALLON		\$2.40	\$2.35	\$2.10
<b>B. GRINDERS, MILLING MACHINES, CONCRETE CUTTERS : OPERATOR</b>					
<b>CAT PR105, or equivalent</b>					
	PER HOUR		\$175.00	NB	
	PER WEEK		\$6,800.00	NB	
<b>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)</b>					
	PER HOUR		\$220.00	\$220.00	
	PER WEEK		\$8,000.00	\$8,000.00	
<b>MILLING MACHINE, full width 6' – 7'.</b>					
	PER HOUR		\$500.00	\$500.00	
	PER WEEK		\$18,500.00	\$19,000.00	
<b>CONCRETE &amp; ASPHALT CUTTING SAW, capable of cutting 4" wide,18" deep</b>					
	PER HOUR		\$400.00	NB	
	PER WEEK		\$8,000.00	NB	
<b>COST OF OPERATOR</b>					
	PER HOUR		Included	NB	

EQUIPMENT RENTAL (continued)			Specialized Construction	Crossroads Asphalt Recycling
<b>C. EXCAVATION EQUIPMENT</b>				
TRENCHER, 7' DEPTH	Model			
		PER HOUR	NB	NB
		PER WEEK	NB	NB
BACKHOE	Model		Cat 420	655 Ford
		PER HOUR	\$75.00	\$80.00
		PER WEEK	\$2,500.00	\$3,000.00
ROAD GRADER	Model		Volvo 80	720 Champion
		PER HOUR	\$140.00	\$135.00
		PER WEEK	\$4,500.00	\$5,000.00
TRACK LOADER 983 OR EQUIVALENT	Model		Case 1020	
		PER HOUR	\$250.00	NB
		PER WEEK	\$9,500.00	NB
TRACK EXCAVATOR (1-1/2 YARD)	Model		Case 1120	
		PER HOUR	\$250.00	NB
		PER WEEK	\$7,500.00	NB
<b>DOZER:</b>				
CAT D-3 OR EQUIVALENT	Model		D3-4 Cat	D3 Cat
		PER HOUR	\$100.00	\$100.00
		PER WEEK	\$3,800.00	\$3,900.00
CAT D-6 OR EQUIVALENT	Model		D6 Cat	D65 Komatsu
		PER HOUR	\$130.00	\$130.00
		PER WEEK	\$4,900.00	\$5,000.00
CAT D-8 OR EQUIVALENT	Model		D8 Cat	
		PER HOUR	\$175.00	NB
		PER WEEK	\$6,200.00	NB
ROAD WIDENER	Model		SP80 Midland	
		PER HOUR	\$175.00	NB
		PER WEEK	\$5,600.00	NB
SELF-PROPELLED ATHEY LOADER	Model			
		PER HOUR	NB	NB
		PER WEEK	NB	NB
COST OF OPERATOR		PER HOUR	NB	NB
<b>D. STREET SWEEPER &amp; VAC-ALL</b>				
SELF-PROPELLED VAC-ALL, OR EQUIVALENT (To Include all mobilization charges for approximately 10 locations)	Model		Elgin Vac-All	
		PER HOUR	\$130.00	NB
		PER WEEK	\$5,200.00	NB
COST OF OPERATOR		PER HOUR	Included	NB
# of Operators Needed			1	NB
COST OF LABORER			60.00 per hr	NB
# of Laborers Needed			1	NB
TYMCO, OR EQUIVALENT, REGENERATED AIR SWEEPER WITH SELF-LOADING CAPABILITIES	Model		Elgin Eagle	NB
		PER HOUR	\$120.00	NB
		PER WEEK	\$4,000.00	NB
COST OF OPERATOR		PER HOUR	Included	NB
<b>E. GRADALL WITH OPERATOR</b>				
	Model		Grad All	
		PER HOUR	\$350.00	NB
		PER WEEK	\$11,000.00	NB
<b>F. COMPACTION ROLLER (20-TON CAPACITY)</b>				
	Model		Bomag BW 80/120	C766C Hypac
		PER HOUR	\$100.00	\$100.00
		PER WEEK	\$3,500.00	\$3,500.00
<b>G. POTHOLE PATCHING MACHINE W/ OPERATOR</b>				
Patcher machine - Must have hot water regenerative heating system to guarantee that emulsion and aggregate remain at proper temperature throughout day. Must be equipped with rear-mounted arrow board for traffic control; operator to remain in cab. (No rear spraying units)		PER HOUR	NB	NB
Liquid CRS asphalt emulsion with 74% asphalt content. Price to include preparation by blowing cavity clean of loose debris and rock.		PER GALLON	NB	NB
#8 Limestone with less than 1% moisture content		PER TON	NB	NB

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