

CITY OF LAWRENCE
City Bid No. B1815
Project No. PW1801
2018 Milling, Patch, Overlay, Microsurfacing,
& Concrete Maintenance Program

BID TAB

Bid Date: April 17, 2018
Engineer's Estimate: \$2,944,746.55
* Highlighted Yellow = Discrepancy

#	BID ITEM	UNIT	QUANTITY	Engineer's Estimate		Sunflower Paving, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Milling (2" Typ.)	SY	94,245	\$ 1.25	\$ 117,806.25	\$ 1.30	\$ 122,518.50
2	Remove Bonded Concrete Overlay "Whitetopping" from Asphalt (4" Typ.) (Clinton Pkwy thru Inverness Dr Intersection)	SY	2,680	\$ 4.00	\$ 10,720.00	\$ 5.00	\$ 13,400.00
3	Asphaltic Concrete Overlay Surface Course (2" Typ.)	TONS	11,480	\$ 64.00	\$ 734,720.00	\$ 63.00	\$ 723,240.00
4	Asphaltic Concrete Overlay Surface Course (4" Typ.)(2 Lifts)	TONS	750	\$ 64.00	\$ 48,000.00	\$ 70.00	\$ 52,500.00
5	Asphaltic Concrete Overlay Leveling Course *	TONS	345	\$ 62.00	\$ 21,390.00	\$ 63.00	\$ 21,735.00
6	Asphalt Pavement Patch - Full Depth *	TONS	2,490	\$ 155.00	\$ 385,950.00	\$ 144.00	\$ 358,560.00
7	Asphalt Pavement Patch - Surface (2" Typ.) *	TONS	500	\$ 165.00	\$ 82,500.00	\$ 165.00	\$ 82,500.00
8	Microsurfacing - Surface (22 lb) *	SY	60,118	\$ 2.85	\$ 171,336.30	\$ 3.55	\$ 213,418.90
9	Reinforced Concrete Pavement Patch (After Milling) (KCMMB 5K) *	SY	1,000	\$ 80.00	\$ 80,000.00	\$ 83.00	\$ 83,000.00
10	6" Reinforced Concrete Pavement (KCMMB 5K) - Residential Driveway and Recreational Path*	SY	710	\$ 70.00	\$ 49,700.00	\$ 66.50	\$ 47,215.00
11	8" Reinforced Concrete Pavement (KCMMB 5K) - Intersection Apron and Valley Gutter *	SY	1,165	\$ 85.00	\$ 99,025.00	\$ 77.00	\$ 89,705.00
12	8" Reinforced Concrete Pavement Area Patching (KCMMB 5K) *	SY	1,000	\$ 85.00	\$ 85,000.00	\$ 89.00	\$ 89,000.00
13	Curb and Gutter (24" Type CG-1 & CG-3 Typ.) (6" Toe) *	LF	20,540	\$ 27.00	\$ 554,580.00	\$ 25.10	\$ 515,554.00
14	Curb and Gutter (30" Type CG-1 & CG-3 Typ.) (8" Toe) *	LF	7,625	\$ 32.00	\$ 244,000.00	\$ 28.20	\$ 215,025.00
15	4" Concrete Sidewalk	SY	325	\$ 50.00	\$ 16,250.00	\$ 48.00	\$ 15,600.00
16	Concrete Access Ramp (5ft Detectable Panel)	EACH	13	\$ 850.00	\$ 11,050.00	\$ 770.00	\$ 10,010.00
17	Concrete Access Ramp (6ft Detectable Panel)	EACH	10	\$ 950.00	\$ 9,500.00	\$ 810.00	\$ 8,100.00
18	Concrete Access Ramp (8ft Detectable Panel)	EACH	4	\$ 1,050.00	\$ 4,200.00	\$ 900.00	\$ 3,600.00
19	Manhole Adjustment	EACH	4	\$ 800.00	\$ 3,200.00	\$ 730.00	\$ 2,920.00
20	Valve Adjustment	EACH	7	\$ 500.00	\$ 3,500.00	\$ 300.00	\$ 2,100.00
21	Monument Box & Concrete Collar Adjustment (2 on Clinton Pkwy; 1 on Peterson Rd)	EACH	3	\$ 2,000.00	\$ 6,000.00	\$ 1,600.00	\$ 4,800.00
22	Pavement Markings (Preformed Thermoplastic)						
	a) 4" Solid Yellow Lane Line	LF	266	\$ 3.00	\$ 798.00	\$ 1.70	\$ 452.20
	b) 4" Solid Double Yellow Lane Line **	LF	1,285	\$ 5.00	\$ 6,425.00	\$ 3.40	\$ 4,369.00
	c) 6" Broken Yellow Lane Line	LF	370	\$ 5.00	\$ 1,850.00	\$ 2.50	\$ 925.00
	d) 12" Solid Yellow Diagonal Line	LF	214	\$ 6.00	\$ 1,284.00	\$ 5.00	\$ 1,070.00
	e) 24" Solid White Stop Line	LF	588	\$ 12.00	\$ 7,056.00	\$ 12.70	\$ 7,467.60
	f) 24" Solid White Crosswalk Line	LF	1,394	\$ 12.00	\$ 16,728.00	\$ 12.70	\$ 17,703.80
	g) Left Turn Lane Use Arrow	EACH	103	\$ 200.00	\$ 20,600.00	\$ 180.00	\$ 18,540.00
	h) Right Turn Lane Use Arrow	EACH	15	\$ 200.00	\$ 3,000.00	\$ 180.00	\$ 2,700.00
	i) Through Lane Use Arrow	EACH	3	\$ 200.00	\$ 600.00	\$ 150.00	\$ 450.00
	j) Through and Right Turn Lane Use Arrow	EACH	3	\$ 300.00	\$ 900.00	\$ 250.00	\$ 750.00
	k) Bike Lane Rider Symbol	EACH	21	\$ 300.00	\$ 6,300.00	\$ 170.00	\$ 3,570.00
	l) Bike Lane Arrow	EACH	21	\$ 150.00	\$ 3,150.00	\$ 170.00	\$ 3,570.00
	m) Shared Lane Use Bike Symbol (Sharrow)	EACH	2	\$ 300.00	\$ 600.00	\$ 400.00	\$ 800.00
23	Pavement Markings (Cold Plastic)						
	a) 6" Broken White Lane Line	LF	3,740	\$ 4.00	\$ 14,960.00	\$ 3.60	\$ 13,464.00
	b) 6" Solid White Lane Line	LF	9,124	\$ 4.00	\$ 36,496.00	\$ 3.60	\$ 32,846.40
	c) 4" Broken Yellow Lane Line	LF	2,100	\$ 3.00	\$ 6,300.00	\$ 2.30	\$ 4,830.00
	d) 4" Solid Yellow Lane Line	LF	8,264	\$ 3.00	\$ 24,792.00	\$ 2.30	\$ 19,007.20
	e) 4" Solid Double Yellow Lane Line **	LF	912	\$ 5.00	\$ 4,560.00	\$ 4.60	\$ 4,195.20
	f) 6" Broken Yellow Lane Line	LF	820	\$ 6.00	\$ 4,920.00	\$ 3.80	\$ 3,116.00
24	Existing Pavement Marking Removal (Microsurfacing locations - E 15th St, Massachusetts St to Barker Ave & Barker Ave, South of 19th St to 23rd St; Concrete Rehab location - E 15th St from East of Haskell Ave to East of Prospect Ave; Clinton Pkwy - Existing Concrete East & West Ends)	LS	1	\$ 7,500.00	\$ 7,500.00	\$ 9,000.00	\$ 9,000.00

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 Engineer's Estimate: \$2,944,746.55
 * Highlighted Yellow = Discrepancy

#	BID ITEM	UNIT	QUANTITY	Engineer's Estimate		Sunflower Paving, Inc.	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
25	Temporary Surfacing *	TONS	50	\$ 50.00	\$ 2,500.00	\$ 40.00	\$ 2,000.00
26	Seeding, Fertilizing, and Mulching	LS	1	\$ 30,000.00	\$ 30,000.00	\$ 25,250.00	\$ 25,250.00
27	Material Testing	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
	Grand Total				\$ 2,944,746.55		\$ 2,855,577.80

* Estimated quantity only; actual quantity to be determined at time of construction
 ** LF Times 2 = Total length of 4" Solid Yellow Lane Line□

All work must be completed no later than Friday, October 5, 2018. Separate liquidated damages of Five Hundred Dollars (\$500) per day will be assessed for every calendar day thereafter until the project work is completed and accepted by the City Commission.

PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

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#	BID ITEM	UNIT	QUANTITY	Kansas Heavy Construction, LLC		Phoenix Concrete & Underground, LLC	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1	Milling (2" Typ.)	SY	94,245	\$ 2.00	\$ 188,490.00	\$ 2.22	\$ 209,223.90
2	Remove Bonded Concrete Overlay "Whitetopping" from Asphalt (4" Typ.) (Clinton Pkwy thru Inverness Dr Intersection)	SY	2,680	\$ 5.80	\$ 15,544.00	\$ 14.82	\$ 39,717.60
3	Asphaltic Concrete Overlay Surface Course (2" Typ.)	TONS	11,480	\$ 75.00	\$ 861,000.00	\$ 66.92	\$ 768,241.60
4	Asphaltic Concrete Overlay Surface Course (4" Typ.)(2 Lifts)	TONS	750	\$ 75.00	\$ 56,250.00	\$ 118.15	\$ 88,612.50
5	Asphaltic Concrete Overlay Leveling Course *	TONS	345	\$ 75.00	\$ 25,875.00	\$ 87.12	\$ 30,056.40
6	Asphalt Pavement Patch - Full Depth *	TONS	2,490	\$ 138.00	\$ 343,620.00	\$ 180.12	\$ 448,498.80
7	Asphalt Pavement Patch - Surface (2" Typ.) *	TONS	500	\$ 155.00	\$ 77,500.00	\$ 276.16	\$ 138,080.00
8	Microsurfacing - Surface (22 lb) *	SY	60,118	\$ 3.40	\$ 204,401.20	\$ 3.54	\$ 212,817.72
9	Reinforced Concrete Pavement Patch (After Milling) (KCMMB 5K) *	SY	1,000	\$ 90.00	\$ 90,000.00	\$ 93.46	\$ 93,460.00
10	6" Reinforced Concrete Pavement (KCMMB 5K) - Residential Driveway and Recreational Path*	SY	710	\$ 62.00	\$ 44,020.00	\$ 76.89	\$ 54,591.90
11	8" Reinforced Concrete Pavement (KCMMB 5K) - Intersection Apron and Valley Gutter *	SY	1,165	\$ 82.50	\$ 96,112.50	\$ 106.03	\$ 123,524.95
12	8" Reinforced Concrete Pavement Area Patching (KCMMB 5K) *	SY	1,000	\$ 82.00	\$ 82,000.00	\$ 104.11	\$ 104,110.00
13	Curb and Gutter (24" Type CG-1 & CG-3 Typ.) (6" Toe) *	LF	20,540	\$ 22.00	\$ 451,880.00	\$ 21.92	\$ 450,236.80
14	Curb and Gutter (30" Type CG-1 & CG-3 Typ.) (8" Toe) *	LF	7,625	\$ 28.00	\$ 213,500.00	\$ 23.59	\$ 179,873.75
15	4" Concrete Sidewalk	SY	325	\$ 48.00	\$ 15,600.00	\$ 68.02	\$ 22,106.50
16	Concrete Access Ramp (5ft Detectable Panel)	EACH	13	\$ 850.00	\$ 11,050.00	\$ 1,117.63	\$ 14,529.19
17	Concrete Access Ramp (6ft Detectable Panel)	EACH	10	\$ 950.00	\$ 9,500.00	\$ 1,421.73	\$ 14,217.30
18	Concrete Access Ramp (8ft Detectable Panel)	EACH	4	\$ 1,500.00	\$ 6,000.00	\$ 1,742.37	\$ 6,969.48
19	Manhole Adjustment	EACH	4	\$ 850.00	\$ 3,400.00	\$ 905.00	\$ 3,620.00
20	Valve Adjustment	EACH	7	\$ 400.00	\$ 2,800.00	\$ 565.00	\$ 3,955.00
21	Monument Box & Concrete Collar Adjustment (2 on Clinton Pkwy; 1 on Peterson Rd)	EACH	3	\$ 1,650.00	\$ 4,950.00	\$ 1,695.00	\$ 5,085.00
22	Pavement Markings (Preformed Thermoplastic)						
	a) 4" Solid Yellow Lane Line	LF	266	\$ 1.80	\$ 478.80	\$ 1.73	\$ 460.18
	b) 4" Solid Double Yellow Lane Line **	LF	1,285	\$ 3.30	\$ 4,240.50	\$ 3.30	\$ 4,240.50
	c) 6" Broken Yellow Lane Line	LF	370	\$ 3.50	\$ 1,295.00	\$ 3.51	\$ 1,298.70
	d) 12" Solid Yellow Diagonal Line	LF	214	\$ 4.90	\$ 1,048.60	\$ 4.97	\$ 1,063.58
	e) 24" Solid White Stop Line	LF	588	\$ 13.50	\$ 7,938.00	\$ 13.08	\$ 7,691.04
	f) 24" Solid White Crosswalk Line	LF	1,394	\$ 13.50	\$ 18,819.00	\$ 13.08	\$ 18,233.52
	g) Left Turn Lane Use Arrow	EACH	103	\$ 200.00	\$ 20,600.00	\$ 183.11	\$ 18,860.33
	h) Right Turn Lane Use Arrow	EACH	15	\$ 200.00	\$ 3,000.00	\$ 183.11	\$ 2,746.65
	i) Through Lane Use Arrow	EACH	3	\$ 155.00	\$ 465.00	\$ 151.98	\$ 455.94
	j) Through and Right Turn Lane Use Arrow	EACH	3	\$ 245.00	\$ 735.00	\$ 246.00	\$ 738.00
	k) Bike Lane Rider Symbol	EACH	21	\$ 180.00	\$ 3,780.00	\$ 172.67	\$ 3,626.07
	l) Bike Lane Arrow	EACH	21	\$ 180.00	\$ 3,780.00	\$ 172.67	\$ 3,626.07
	m) Shared Lane Use Bike Symbol (Sharrow)	EACH	2	\$ 345.00	\$ 690.00	\$ 345.29	\$ 690.58
23	Pavement Markings (Cold Plastic)						
	a) 6" Broken White Lane Line	LF	3,740	\$ 3.40	\$ 12,716.00	\$ 3.51	\$ 13,127.40
	b) 6" Solid White Lane Line	LF	9,124	\$ 3.40	\$ 31,021.60	\$ 3.51	\$ 32,025.24
	c) 4" Broken Yellow Lane Line	LF	2,100	\$ 2.30	\$ 4,830.00	\$ 2.25	\$ 4,725.00
	d) 4" Solid Yellow Lane Line	LF	8,264	\$ 2.30	\$ 19,007.20	\$ 2.25	\$ 18,594.00
	e) 4" Solid Double Yellow Lane Line **	LF	912	\$ 4.40	\$ 4,012.80	\$ 4.50	\$ 4,104.00
	f) 6" Broken Yellow Lane Line	LF	820	\$ 3.65	\$ 2,993.00	\$ 3.71	\$ 3,042.20
24	Existing Pavement Marking Removal (Microsurfacing locations - E 15th St, Massachusetts St to Barker Ave & Barker Ave, South of 19th St to 23rd St; Concrete Rehab location - E 15th St from East of Haskell Ave to East of Prospect Ave; Clinton Pkwy - Existing Concrete East & West Ends)	LS	1	\$ 10,500.00	\$ 10,500.00	\$ 8,900.00	\$ 8,900.00

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#	BID ITEM	UNIT	QUANTITY	Kansas Heavy Construction, LLC		Phoenix Concrete & Underground, LLC	
				UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
25	Temporary Surfacing *	TONS	50	\$ 45.00	\$ 2,250.00	\$ 31.40	\$ 1,570.00
26	Seeding, Fertilizing, and Mulching	LS	1	\$ 11,900.00	\$ 11,900.00	\$ 26,250.00	\$ 26,250.00
27	Material Testing	LS	1	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00	\$ 5,000.00
	Grand Total				\$ 2,974,593.20		\$ 3,192,597.39

* Estimated quantity only; actual quantity to be determined at time of construction
 ** LF Times 2 = Total length of 4" Solid Yellow Lane Line□

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PAGE P-4 AND P-5 MUST BE COMPLETED AND SUBMITTED WITH YOUR BID

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Engineer's Estimate: \$2,944,746.55
* Highlighted Yellow = Discrepancy

				Freeman Concrete Construction, LLC	
#	BID ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT
1	Milling (2" Typ.)	SY	94,245	\$ 3.30	\$ 311,008.50
2	Remove Bonded Concrete Overlay "Whitotopping" from Asphalt (4" Typ.) (Clinton Pkwy thru Inverness Dr Intersection)	SY	2,680	\$ 15.81	\$ 42,370.80
3	Asphaltic Concrete Overlay Surface Course (2" Typ.)	TONS	11,480	\$ 70.44	\$ 808,651.20
4	Asphaltic Concrete Overlay Surface Course (4" Typ.)(2 Lifts)	TONS	750	\$ 126.05	\$ 94,537.50
5	Asphaltic Concrete Overlay Leveling Course *	TONS	345	\$ 92.95	\$ 32,067.75
6	Asphalt Pavement Patch - Full Depth *	TONS	2,490	\$ 192.16	\$ 478,478.40
7	Asphalt Pavement Patch - Surface (2" Typ.) *	TONS	500	\$ 294.63	\$ 147,315.00
8	Microsurfacing - Surface (22 lb) *	SY	60,118	\$ 3.84	\$ 230,853.12
9	Reinforced Concrete Pavement Patch (After Milling) (KCMMB 5K) *	SY	1,000	\$ 243.27	\$ 243,270.00
10	6" Reinforced Concrete Pavement (KCMMB 5K) - Residential Driveway and Recreational Path*	SY	710	\$ 109.87	\$ 78,007.70
11	8" Reinforced Concrete Pavement (KCMMB 5K) - Intersection Apron and Valley Gutter *	SY	1,165	\$ 109.36	\$ 127,404.40
12	8" Reinforced Concrete Pavement Area Patching (KCMMB 5K) *	SY	1,000	\$ 103.24	\$ 103,240.00
13	Curb and Gutter (24" Type CG-1 & CG-3 Typ.) (6" Toe) *	LF	20,540	\$ 28.70	\$ 589,498.00
14	Curb and Gutter (30" Type CG-1 & CG-3 Typ.) (8" Toe) *	LF	7,625	\$ 32.35	\$ 246,668.75
15	4" Concrete Sidewalk	SY	325	\$ 70.15	\$ 22,798.75
16	Concrete Access Ramp (5ft Detectable Panel)	EACH	13	\$ 1,441.49	\$ 18,739.37
17	Concrete Access Ramp (6ft Detectable Panel)	EACH	10	\$ 1,496.21	\$ 14,962.10
18	Concrete Access Ramp (8ft Detectable Panel)	EACH	4	\$ 1,649.18	\$ 6,596.72
19	Manhole Adjustment	EACH	4	\$ 2,383.88	\$ 9,535.52
20	Valve Adjustment	EACH	7	\$ 1,416.45	\$ 9,915.15
21	Monument Box & Concrete Collar Adjustment (2 on Clinton Pkwy; 1 on Peterson Rd)	EACH	3	\$ 4,680.29	\$ 14,040.87
22	Pavement Markings (Preformed Thermoplastic)				
	a) 4" Solid Yellow Lane Line	LF	266	\$ 1.84	\$ 489.44
	b) 4" Solid Double Yellow Lane Line **	LF	1,285	\$ 3.52	\$ 4,523.20
	c) 6" Broken Yellow Lane Line	LF	370	\$ 3.74	\$ 1,383.80
	d) 12" Solid Yellow Diagonal Line	LF	214	\$ 5.30	\$ 1,134.20
	e) 24" Solid White Stop Line	LF	588	\$ 13.96	\$ 8,208.48
	f) 24" Solid White Crosswalk Line	LF	1,394	\$ 13.96	\$ 19,460.24
	g) Left Turn Lane Use Arrow	EACH	103	\$ 195.40	\$ 20,126.20
	h) Right Turn Lane Use Arrow	EACH	15	\$ 195.40	\$ 2,931.00
	i) Through Lane Use Arrow	EACH	3	\$ 161.90	\$ 485.70
	j) Through and Right Turn Lane Use Arrow	EACH	3	\$ 262.39	\$ 787.17
	k) Bike Lane Rider Symbol	EACH	21	\$ 184.23	\$ 3,868.83
	l) Bike Lane Arrow	EACH	21	\$ 184.23	\$ 3,868.83
	m) Shared Lane Use Bike Symbol (Sharrow)	EACH	2	\$ 368.43	\$ 736.86
23	Pavement Markings (Cold Plastic)				
	a) 6" Broken White Lane Line	LF	3,740	\$ 3.74	\$ 13,987.60
	b) 6" Solid White Lane Line	LF	9,124	\$ 3.74	\$ 34,123.76
	c) 4" Broken Yellow Lane Line	LF	2,100	\$ 2.40	\$ 5,040.00
	d) 4" Solid Yellow Lane Line	LF	8,264	\$ 2.40	\$ 19,833.60
	e) 4" Solid Double Yellow Lane Line **	LF	912	\$ 4.80	\$ 4,377.60
	f) 6" Broken Yellow Lane Line	LF	820	\$ 3.96	\$ 3,247.20
24	Existing Pavement Marking Removal (Microsurfacing locations - E 15th St, Massachusetts St to Barker Ave & Barker Ave, South of 19th St to 23rd St; Concrete Rehab location - E 15th St from East of Haskell Ave to East of Prospect Ave; Clinton Pkwy - Existing Concrete East & West Ends)	LS	1	\$ 9,490.86	\$ 9,490.86

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				Freeman Concrete Construction, LLC	
#	BID ITEM	UNIT	QUANTITY	UNIT PRICE	AMOUNT
25	Temporary Surfacing *	TONS	50	\$ 111.66	\$ 5,583.00
26	Seeding, Fertilizing, and Mulching	LS	1	\$ 3,908.00	\$ 3,908.00
27	Material Testing	LS	1	\$ 5,000.00	\$ 5,000.00
	Grand Total				\$ 3,802,555.17

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