

Boyd Street Paving Improvements

4/9/2015

Project No. 14ST000009			Engineer's Estimate						Kansas Paving		
COMPANY NAME:			Ruggles & Bohm P.A		Cornejo		Vogts Parga		PO Box 4204		
ADDRESS:			924 N. Main		PO Box 16204		PO Box 67		Wichita, KS 67204		
CITY/STATE/ZIP:			Wichita, KS 67203		Wichita, KS		N. Newton, KS		316-832-0828		
PHONE:			316-264-8008		316-522-5100		316-284-2801		316-832-0900		
BASE BID			FAX: 316-264-4621		316-522-8187		316-284-0613				
Item No.	Description	Qty.	Type	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	AC Pavement 5" (3" Bit Base)	900	sy	\$20.00	\$18,000.00	\$ 30.00	\$ 27,000.00	\$ 40.00	\$ 36,000.00	\$ 30.00	\$ 27,000.00
2	Hydrated Lime	215	ton	\$175.00	\$37,625.00	\$ 185.00	\$ 39,775.00	\$ 205.00	\$ 44,075.00	\$ 175.00	\$ 37,625.00
3	Manipulation of Lime Modified Subgrade (5"	616	sy	\$2.50	\$1,540.00	\$ 5.75	\$ 3,542.00	\$ 7.50	\$ 4,620.00	\$ 4.00	\$ 2,464.00
4	Manipulation of Lime Modified Subgrade (8"	11605	sy	\$3.00	\$34,815.00	\$ 6.00	\$ 69,630.00	\$ 3.85	\$ 44,679.25	\$ 4.00	\$ 46,420.00
5	Compaction of Lime Modified Subgrade (5"	616	sy	\$1.00	\$616.00	\$ 0.75	\$ 462.00	\$ 1.20	\$ 739.20	\$ 0.50	\$ 308.00
6	Compaction of Lime Modified Subgrade (8"	11605	sy	\$1.25	\$14,506.25	\$ 0.75	\$ 8,703.75	\$ 0.58	\$ 6,730.90	\$ 0.50	\$ 5,802.50
7	RCVG Pavement (8")	357	sy	\$35.00	\$12,495.00	\$ 47.00	\$ 16,779.00	\$ 47.25	\$ 16,868.25	\$ 50.00	\$ 17,850.00
8	RC Drive Pavement (8")	960	sy	\$35.00	\$33,600.00	\$ 47.00	\$ 45,120.00	\$ 42.50	\$ 40,800.00	\$ 42.00	\$ 40,320.00
9	Concrete Pavement (8") (Unreinforced)	9069	sy	\$35.00	\$317,415.00	\$ 40.00	\$ 362,760.00	\$ 36.85	\$ 334,192.65	\$ 35.00	\$ 317,415.00
10	Combined Curb & Gutter (6") (Type 1)	5680	lf	\$13.00	\$73,840.00	\$ 12.00	\$ 68,160.00	\$ 13.00	\$ 73,840.00	\$ 10.00	\$ 56,800.00
11	Combined Curb & Gutter (1 1/2")	200	lf	\$12.50	\$2,500.00	\$ 22.00	\$ 4,400.00	\$ 12.40	\$ 2,480.00	\$ 15.00	\$ 3,000.00
12	Excavation	4125	cy	\$4.50	\$18,562.50	\$ 7.00	\$ 28,875.00	\$ 6.70	\$ 27,637.50	\$ 4.50	\$ 18,562.50
13	Compacted Fill (Type B)	3400	cy	\$3.45	\$11,730.00	\$ 1.00	\$ 3,400.00	\$ 1.20	\$ 4,080.00	\$ 1.00	\$ 3,400.00
14	Ditch Grading	500	lf	\$10.00	\$5,000.00	\$ 8.00	\$ 4,000.00	\$ 6.00	\$ 3,000.00	\$ 5.00	\$ 2,500.00
15	Sawed Joint	98	lf	\$10.00	\$980.00	\$ 5.00	\$ 490.00	\$ 10.00	\$ 980.00	\$ 1.50	\$ 147.00
16	Manhole Adjustment w/ New Ring & Cover	1	ea	\$1,500.00	\$1,500.00	\$ 1,000.00	\$ 1,000.00	\$ 1,150.00	\$ 1,150.00	\$ 1,000.00	\$ 1,000.00
17	Manhole - New Ring & Cover Gasketed	8	ea	\$1,500.00	\$12,000.00	\$ 750.00	\$ 6,000.00	\$ 850.00	\$ 6,800.00	\$ 750.00	\$ 6,000.00
18	Pavement Removal	9278	sy	\$5.00	\$46,390.00	\$ 4.00	\$ 37,112.00	\$ 1.32	\$ 12,246.96	\$ 2.25	\$ 20,875.50
19	SWS Pipe Removed 0"-20"	15	lf	\$10.00	\$150.00	\$ 10.00	\$ 150.00	\$ 15.00	\$ 225.00	\$ 10.00	\$ 150.00
20	SWS Pipe Removed 21"-48"	150	lf	\$10.00	\$1,500.00	\$ 10.00	\$ 1,500.00	\$ 11.50	\$ 1,725.00	\$ 10.00	\$ 1,500.00
21	Trees, Large Removed	15	ea	\$1,000.00	\$15,000.00	\$ 300.00	\$ 4,500.00	\$ 945.00	\$ 14,175.00	\$ 750.00	\$ 11,250.00
22	Site Clearing & Restoration	1	LS	\$25,000.00	\$25,000.00	\$ 110,000.00	\$ 110,000.00	\$ 22,000.00	\$ 22,000.00	\$ 62,000.00	\$ 62,000.00
23	Project Seeding	1	LS	\$5,500.00	\$5,500.00	\$ 5,300.00	\$ 5,300.00	\$ 5,800.00	\$ 5,800.00	\$ 6,000.00	\$ 6,000.00
24	Erosion Control BMP	1	LS	\$6,000.00	\$6,000.00	\$ 5,025.00	\$ 5,025.00	\$ 5,750.00	\$ 5,750.00	\$ 500.00	\$ 500.00
25	Flexible Channel Line (Type E)	13500	sy	\$1.00	\$13,500.00	\$ 1.15	\$ 15,525.00	\$ 1.28	\$ 17,280.00	\$ 0.75	\$ 10,125.00
26	Street Signage	1	LS	\$2,500.00	\$2,500.00	\$ 1,650.00	\$ 1,650.00	\$ 750.00	\$ 750.00	\$ 1,650.00	\$ 1,650.00
27	Pavement Marking	1	LS	\$7,500.00	\$7,500.00	\$ 14,250.00	\$ 14,250.00	\$ 2,750.00	\$ 2,750.00	\$ 14,250.00	\$ 14,250.00
28	Traffic Control	1	LS	\$5,000.00	\$5,000.00	\$ 15,000.00	\$ 15,000.00	\$ 2,500.00	\$ 2,500.00	\$ 10,000.00	\$ 10,000.00
29	SWS Pipe RCP 15"	91	lf	\$35.00	\$3,185.00	\$ 35.00	\$ 3,185.00	\$ 39.00	\$ 3,549.00	\$ 35.00	\$ 3,185.00
30	SWS Pipe RCP 36"	810	lf	\$70.00	\$56,700.00	\$ 76.00	\$ 61,560.00	\$ 84.00	\$ 68,040.00	\$ 76.00	\$ 61,560.00
31	SWS Pipe HERCP 29"x45" {36}	119	lf	\$85.00	\$10,115.00	\$ 100.00	\$ 11,900.00	\$ 111.00	\$ 13,209.00	\$ 100.00	\$ 11,900.00
32	SWS Concrete Box Culvert 4'x3'	60	lf	\$400.00	\$24,000.00	\$ 400.00	\$ 24,000.00	\$ 445.00	\$ 26,700.00	\$ 400.00	\$ 24,000.00
33	SWS Concrete Box Culvert 7'x3'	60	lf	\$600.00	\$36,000.00	\$ 460.00	\$ 27,600.00	\$ 500.00	\$ 30,000.00	\$ 460.00	\$ 27,600.00
34	Inlet, Curb 1A 5'x3'	1	ea	\$3,500.00	\$3,500.00	\$ 3,000.00	\$ 3,000.00	\$ 3,350.00	\$ 3,350.00	\$ 3,000.00	\$ 3,000.00
35	Inlet, Curb 1A 5'x6'	1	ea	\$3,800.00	\$3,800.00	\$ 4,000.00	\$ 4,000.00	\$ 4,400.00	\$ 4,400.00	\$ 4,000.00	\$ 4,000.00
36	Inlet Special (Single)	2	ea	\$2,000.00	\$4,000.00	\$ 1,500.00	\$ 3,000.00	\$ 1,650.00	\$ 3,300.00	\$ 1,500.00	\$ 3,000.00
37	Inlet Special (Double)	2	ea	\$2,500.00	\$5,000.00	\$ 2,300.00	\$ 4,600.00	\$ 2,500.00	\$ 5,000.00	\$ 2,300.00	\$ 4,600.00
38	Manhole Type A (6' Dia.) with Beehive Top	4	ea	\$3,500.00	\$14,000.00	\$ 3,000.00	\$ 12,000.00	\$ 3,300.00	\$ 13,200.00	\$ 3,000.00	\$ 12,000.00
39	Flowable Fill	80	lf	\$20.00	\$1,600.00	\$ 20.00	\$ 1,600.00	\$ 22.50	\$ 1,800.00	\$ 20.00	\$ 1,600.00
40	RipRap	40	sy	\$40.00	\$1,600.00	\$ 35.00	\$ 1,400.00	\$ 40.00	\$ 1,600.00	\$ 35.00	\$ 1,400.00
41	Handrail	1	ea	\$2,500.00	\$2,500.00	\$ 2,480.00	\$ 2,480.00	\$ 2,350.00	\$ 2,350.00	\$ 3,540.00	\$ 3,540.00
42	SWS Pipe RCP 24"	38	lf	\$35.00	\$1,330.00	\$ 40.00	\$ 1,520.00	\$ 44.00	\$ 1,672.00	\$ 40.00	\$ 1,520.00
43	Inlet, Curb 1A 10'x3'	2	ea	\$4,200.00	\$8,400.00	\$ 4,500.00	\$ 9,000.00	\$ 4,900.00	\$ 9,800.00	\$ 4,500.00	\$ 9,000.00
				Base Bid	\$900,494.75		\$1,070,953.75		\$921,844.71		\$896,819.50
ADD ALTERNATE BID											
Description	Quantity		Unit Price	Total	Unit Price	Total	Unit Price	Total	Unit Price	Total	
1	Excavation	470	cy	4.50	\$2,115.00	40.00	\$18,800.00	4.50	\$2,115.00	7.50	\$3,525.00
2	Compacted Fill	2260	cy	3.45	\$7,797.00	1.25	\$2,825.00	6.50	\$14,690.00	1.00	\$2,260.00
3	Sidewalk Concrete 10' wide (5")	22945	sf	4.00	\$91,780.00	2.90	\$66,540.50	3.50	\$80,307.50	2.50	\$57,362.50
4	Wheelchair Ramp Construction (30 sf)	2	ea	600.00	\$1,200.00	1,200.00	\$2,400.00	660.00	\$1,320.00	600.00	\$1,200.00
5	SWS Concrete Box Culvert 4'x3'	18	lf	400.00	\$7,200.00	210.00	\$3,780.00	235.00	\$4,230.00	210.00	\$3,780.00
6	SWS Concrete Box Culvert 7'x3'	24	lf	600.00	\$14,400.00	268.00	\$6,432.00	295.00	\$7,080.00	268.00	\$6,432.00
				Sub-total	\$124,492.00	Sub-total	\$100,777.50	Sub-total	\$109,742.50	Sub-total	\$74,559.50
				Total Bid	\$1,024,986.75		\$1,171,731.25		\$1,031,587.21		\$971,379.00
Addendum #1						Y		Y		Y	
Addendum #2						Y		Y		Y	
Project Schedule						Y		Y		Y	
Bid Bond						Y		Y		Y	