Form K8-066

MEASURED QUANTITIES FOR FINAL ESTIMATES ON PAVING

472-76-245-80911-000-000-001

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(26-2-30) C1001

STREET NAME Beaumont FROM 443 S. OF S.L. 18th St NO.TO S.L. 21st St NO. CONTRACTOR MID-KANSAS CONST. CO., INC. KIND OF PAVEMENT 8" AC PAVM'T. (6" BIT. BASE)

	Sta	Width	Dist.	Av. Width	Area	Square Yards Pavement
	SY 8" AC PAVM'T. - PROP					
	0-00	26.0				
	4+43	26.0	442.2	26.0	11497.2	
	-13.0 x 70.99				-922.87	
					10574.33	1174.9 SY
	SY 8" AC PAVM'T. - CITY					
@ SHADYBANK	13.0 x 70.99				922.87	
	10.5 x 26.0				273.00	
					1195.87	132.9 SY
	SY 3" V.G.					
	((32.2+34.1)/2) x 14.5 °					
	2.5 x 70.0 °					
	1 x (166.0+204.0) °					
	-.6875 x 5.5 x 25.2 ,					
	-.6929 x 5.3 x 28.6 °				786.615	87.4 SY
	PROP = 623.2					
	CITY = 110.3					

End Area At Station	Area
0+00	27.5
+50	52.7
1+	31.5
+50	25.3
2+	27.0
+50	26.6
3+	34.5
+50	53.0
4+	53.0
+43	92.8
4+43	92.8
+695	40.0

Dist.	Av. Area	Volume	Cubic Yards Excavation
Excav. (Prop.)			
50	39.1	72.4	
	41.3	76.5	
	28.8	53.3	
	26.4	48.9	
	26.8	49.6	
	30.6	56.7	
	42.2	78.1	
50	52.0	107.4	
43	77.9	124.1	
		670 CY	
Excav. (City)			
36.2	66.4	64.4 CY	
	TOTAL	734.4 CY	

LIN FT COMB. CB & GTR.
PROP = 443.3 + (0.8+372.0) = 816.6 LF
CITY = (2 x 10.5) + 71.0 = 92.0 LF

LIN FT INT. CB.
CITY = 24.7+28.9 = 53.6 LF

SY MANIP.
PROP = (3.17 x 817.0) + (1 x 10574.33) ÷ 9 = 1462.7 SY
CITY = (3.17 x 92.0) + (1.17 x 53.6) + 1 x (1195.87+786.615) ÷ 9 = 259.6 SY

SY 3" BIT BASE
PROP = (2.67 x 817.0) ÷ 9 = 242.4 SY
CITY = (2.67 x 92.0) ÷ 9 = 27.3 SY

SF WHEEL CH. RAMP - CITY
1 x (51.2+51.7) = 102.9 SF

SF 4" WALK - CITY
4.0 x (4.0+6.8) = 43.2 SF

SF NK & DR REM. CITY
4.0 x 611 = 2444 SF

LF CB & GTR REM - CITY = 70.0 LF

TONS LIME
TICKETS = 17.2 TONS USE PROP. = 16.1 CITY = 2.9
CALC. = 25#/SY MANIP = (25 x 1723.0) ÷ 2000 = 21.5

SF 6 DRIVE
407.0

	SF WALK RAMP	SY 8" V.G.	SY 3" BIT. BASE	Steel	Square Yards Pavement	Int. Cb.	C & G	Sep. Co.	Sep. Gtr.	4" Wk.	6" Dr.	Cubic Yards Excavation	SY MANIP	TONS LIME	SF WK & DR REM	LF C & GTR REM	Insp.	Publ.	Abstr.	Appvd.
Property	—	—	242.0		1750	—	217.0			—	407.0	623.0	1463.0	16.0	—	—				
City	103.0	87.0	27.0		133.0	54.0	92.0			43.0	—	111.0	260.0	3.0	244.0	70.0				
Totals			269.0		1308.0	54.0	909.0					734.0	1723.0	19.0						
Unit Prices																				
Total Cost																				

Measured By GRAHAM
Date 1-82
Book No. 11-N
Finaled By HOGLUND

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HOGLUND
1-82

STATEMENT OF COST

PROJ. NO. 472-76-245-80911-000-000-001

FOR CONSTRUCTION OF: BEAUMONT: 443' S. OF S.L. 2ISt ST.N. TO S.L. 2ISt ST.N.

P.E. $48,915.90

QUANTITIES			UNIT	CONSTRUCTION	COSTS		
PROP.	CITY	TOTAL	PRICE	ITEM	2.97 PROP.	18.17 CITY	TOTAL
1,175.0 ·	133.0 ·	1,308.0 ·	14.23 ·	SQ YD. 8" ASPH. CONC. PAVM'T. (6" BIT. BASE)	16,720.25 ·	1,892.59 ·	18,612.84 ·
242.0 ·	27.0 ·	269.0 ·	5.34 ·	SQ. YD. 3" BITUMINOUS BASE	1,292.28 ·	144.18 ·	1,436.46 ·
817.0 ·	92.0 ·	909.0 ·	6.35 ·	LIN. FT. COMBINED CURB & GUTTER	5,187.95 ·	584.20 ·	5,772.15 ·
623.0 ·	111.0 ·	734.0 ·	1.30 ·	CU.YD. EXCAVATION	809.90 ·	144.30 ·	954.20 ·
1,463.0 ·	260.0 ·	1,723.0 ·	1.30 ·	SQ.YD. MANIPULATION	1,901.90 ·	338.00 ·	2,239.90 ·
16.0 ·	3.0 ·	19.0 ·	78.00 ·	TONS LIME	1,248.00 ·	234.00 ·	1,482.00 ·
–	244.0 ·	244.0 ·	0.50 ·	SQ.FT. WALK & DRIVE REMOVED	–	122.00 ·	122.00 ·
–	70.0 ·	70.0 ·	3.20 ·	LIN.FT. CURB & GUTTER REMOVED	–	224.00 ·	224.00 ·
–	87.0 ·	87.0 ·	22.50 ·	SQ.YD. 8"VALLEY GUTTER (5"CONC. W. 3" A.C. BASE)	–	1,957.50 ·	1,957.50 ·
–	43.0 ·	43.0 ·	1.85 ·	SQ.FT. 4"WALK	–	79.55 ·	79.55 ·
–	103.0 ·	103.0 ·	3.45 ·	SQ.FT. WHEELCHAIR RAMP	–	355.35 ·	355.35 ·
–	54.0 ·	54.0 ·	3.40 ·	LIN.FT. INTEGRAL CURB	–	183.60 ·	183.60 ·
407.0 ·	–	407.0 ·	2.65 ·	SQ.FT. 6" DRIVE	1,078.55 ·	–	1,078.55 ·
				SUB - TOTAL	28,238.83 ·	6,259.27 ·	34,498.10 ·
				ENGINEERING + INSP.	3914.93	865.20	4780.13
				ADMINISTRATION	423.81	93.66	517.47
				STREET NAME SIGNS	–	53.75	53.75
				PUBLICATION	75.46	–	75.46
				ABSTRACTING	2.50	–	2.50
				CONSTRUCTION COST	32,655.53	7271.88	39,927.41
				TEMP. NOTE INT.	2945.99	651.07	3597.06
				TOTAL COST	$35,601.52	$7922.95	$43,524.47

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