CITY OF BROKEN ARROW, OKLAHOMA ENGINEERING/CONSTRUCTION DEPARTMENT

APPLICATION FOR APPROVAL OF CHANGE OF PLANS

Name: Village Square I, II, III Street Improvements Contract Number: ST1508

Contractor: Pavement Conservation Specialists, Inc.

Location: Village Square I, II, III Subdivision @ Elm Place & 91st

Date: June 15, 2016 Change Order Number: 01

Approval is requested for the following major changes:

- 1. Total Number of Days Added by this Change Order:
 - Due to weather delays in the project, an extention of 21 days is requested
- 2. Reconciling Changes: Due to site conditions varying from design perameters, field adjustments of the plan quantites by the city contract administrator was authorized. These changes in quantities are summerized on the attached "Project Final Quantites Report". The listed change order cost is to adjust the original contract value to the reflected installed contract value.

See attached for Support Documents

Additions	to the original contract:						
Item #	Item	Unit	Price		Quantity		Amount
					Total Add	litions:	\$0.00 \$0.00 \$0.00
Deletions t	to the original contract:						
Item #	Item	Unit	Price		Quantity		Amount
CO-1	Reconcile of Bid/Installed Quantities	LS		\$716.53		1.00	\$716.53
					Total De	letions:	\$716.53
	This Change Order is a Net Und	derrun:		\$716.53			
Submitted:	Total Previous Change Orders Total Cost of Change Orders Original Contract Amount Percent Change In Contract Amount	_		\$0.00 (\$716.53) 6,582.50 -0.09%		Date:	
Approved:			Contrac	ctor		Date:	
Recommer	nded/Approved:		Directo	or, Engr. d	& Const.	Date:	
Approved:			City M	anager		Date:	
	ge order brings the project up to date on all issues was approved at the City Council/BAMA meeting hele Original ClerkOriginal Contractor	d on:					06/15/16



Engineering & Construction Department 485 North Poplar Avenue – Broken Arrow, OK.

Project Name:	Village Square I, I	I, III Street Improveme	ents Projec	t Number:	ST1508				
Project Location:	Village Square Su	bdivision - Elm & 91st.	Contra	ct Number:	ST1508				
Prime Contractor:	Pavement Conse	vation Specialist Inc.	Purcha	ase Order:	90836				
Contract Administra	ator: Joe Vardas	CO							
		Project Final Q	uantities Report						
Date of Notice to Proceed:	1/11/2016	S	Date of ubstantial Completion:	5/31/2016					
Original Contrac Time:	t 120 Days	Time Added by CO:	21 Days C	ontract Time Used:	141 Days				
	☐ Liquidated Damaş		amages were assessed ed in the Certificate of Sul	ostantial Comp	letion)				
		Change	Orders						
CO No.: Add Co	st Deduct 0 \$716.53		Description of Completion ues Reconcile Change Or						
		Final Cont	tract Values						
			race varies						
Original Contract V Total Value of Cha		\$796,582.50 (\$716.53)							
Total Overrun/Und	lerrun Value	\$716.53							
Total Liquidated D	amages Applied	\$0.00							
Total Adjusted Fin	al Contract Value	\$795,865.97							
Total Variance from	m Original	\$716.53							
Construction Manage	r Recommendation	-	Engineering & Construc	ction Director A	approval				
Name Timothy R	obins, PE	1.11	Name <u>Jeff Bigby</u> ,	PE.					
	Man de la company de la compan	6/15/16							
Signature		Date	Signature		Date				

Project Final Quantities Report Cont. - Final Bid Tab

tem No.	Bid Item Description:	Units	Unit Price	Bid Item	Quantity of	Value of Work
				Quantity	Work Installed	Installed
	Service Line 3/4 Inch	LF	\$25.00	1000	0	\$0.00
2	Relocation of Service Line 3/4 Inch	EA	\$1,500.00	2	0	\$0.00
3	Unclassified Excavation	CY	\$15.00	1548	2348.75	\$35,231.25
4	Select Borrow	CY	\$50.00	45	0	\$0.00
5	Temporary Silt Fence	LF	\$3.00	200	0	\$0.00
5	Temporary Sediment Filter	EA	\$150.00	15	0	\$0.00
7	Solid Slab Sodding	SY	\$4.50	709	709	\$3,190.50
8	Aggregate Base Type "A"	CY	\$50.00	1950	2348.75	\$117,437.50
9	Subgrade Method B	SY	\$1.00	5548	0	\$0.00
10	Seperator Fabric	SY	\$1.00	9963	9963	\$9,963.00
11	Tack Coat	GAL	\$2.00	2127	2127	\$4,254.00
12	Superpave Type S3	TON	\$70.00	2188	1992.12	\$139,448.40
13	Superpave Type S5	TON	\$80.00	1576	2271.8	\$181,744.00
14	Full Width Cold Pavement	SY	\$2.00	8301	17350.8	\$34,701.60
15	6'-2" Edge Mill Pavement	SY	\$2.00	1465	0	\$0.00
16	Curb and Gutter 6" Barrier	LF	\$25.00	3187	3695.7	92392.50
17	4' Concrete Sidewalk	SY	\$50.00	20	42.8	\$2,140.00
18	Type "B" Handicap Ramp	EA	\$1,000.00	2	3	\$3,000.00
19	Combination "A" & "B" H. Ramp	EA	\$1,000.00	2	2	\$2,000.00
20	6" Concrete Driveway (HES)	SY	\$55.00	311	477.17	\$26,244.35
21	Removal of Asphalt Pavement	SY	\$3.00	7388	9083.54	\$27,250.62
22	Removal of Curb & Gutter 6"	SY	\$2.00	3187	3695.7	\$7,391.40
23	Removal of Concrete Drive	SY	\$5.00	311	346.41	\$1,732.05
24	Removal of Conc. Sidwalk & Ramps	SY	\$3.00	44	42.8	\$128.40
25	Removal of Concrete Hoods Replace with Cast Iron Hoods	EA	\$1,500.00	6	0	\$0.00
26	Adjust Manhole to Grade	EA	\$750.00	2	0	\$0.00
27	Adjust Water Valve to Grade	EA	\$250.00	3	3	\$750.00
28	Adjust Water Meter to Grade	EA	\$250.00	10	9	\$2,250.00
29	Remove Speed Humps	EA	\$500.00	2	2	\$1,000.00
30	Remove and Reset Mailbox	EA	\$150.00	30	30	\$4,500.00
31	Mobilization	LS	\$15,000.00	1	1	\$15,000.00
32	Construction Staking Level II	LS	\$11,500.00	1	1	\$11,500.00
33	Remove and Reset Signs	EA	\$150.00	1	1	\$150.00
34	Construction Traffic Control	LS	\$13,000.00	1	1	\$13,000.00
35	Asphalt Street Patch	SY	\$70.00	1859	849.52	\$59,466.40

Total Final Contract Value:

\$795,865.97

		/	-	0.00		720,002,7	6			9	Contract 1 of at Affect an Changes	
795,865.97	Contract Value S	69947.07	_	Total Quantity	Lotal	796,582.50	9 69			S	Original Contract Total Amount S	
			,		3		,		rs)	e Orde	(Minor/Major Change Orders)	
39,466.40	849.52 3	(/0,663.60)	5	-1009.5	35	130,130.00	5	1859	70.00	SY \$	Asphalt Street Patch	35
13,000.00	-		+	0	34	13,000.00	59	_	13,000.00	\vdash	Construction Traffic Control	34
150.00			65	0	33	150.00	59	1	150.00	EA \$	Remove and Reset Signs	33
11,500.00	1.00 \$	1	69	0	32	11,500.00	8	_	11,500.00	LS \$	Construction Staking Level II	32
15,000.00	1.00 \$		59	0	31	15,000.00	59	1	15,000.00	LS \$	Mobilization	31
4,500.00	30.00 \$,	69	0	30	4,500.00	69	30	150.00	EA \$	Remove and Reset Mailbox	30
1,000.00			8	0	29	1,000.00	69	2	500.00	EA \$	Remove Speed Humps	29
2,250.00	9.00 \$	(250.00)	69	-	28	2,500.00	59	10	250.00	EA \$	Adjust Water Meter to Grade	28
750.00	3.00 \$,	69	0	27	750.00	8	ι	250.00	EA \$	Adjust Water Valve to Grade	27
	0.00 \$	(1,500.00)	69	-2	26	1,500.00	8	2	750.00	EA \$	Adjust Manhole to Grade	26
F	0.00 \$	(9,000.00)	69	-6	25	9,000.00	69	6	1,500.00	EA \$	Removal of Concrete Hoods Replace with Cast Iron Hoods	25
128.40	42.80 \$	(3.60)	65	-1.2	24	132.00	69	44	3.00	SY \$	Removal of Concrete Sidewalks and Ramps	24
1,732.05		177.05	⊢	35.41	23	1,555.00	89	311	5.00	SY \$	Removal of Concrete Driveways	23
7,391.40	3695.70 \$	1,017.40	├-	508.7	22	6,374.00	69	3187	2.00	SY \$	Removal of Curb and Gutter 6" Barrier	22
27,250.62	9083.54 \$	5,086.62	+-	1695.54	21	22,164.00	69	7388	3.00	SY \$	Removal of Asphalt Pavement	21
26,244.35		9,139.35	+	166.17	20	17,105.00	69	311	55.00	SY \$	6" Concrete Driveway (HES)	20
2,000.00			69	0	19	2,000.00	69	2	1,000.00	EA \$	Combination "A" & "B" Handicap Ramp	19
3,000.00	3.00 \$	1,000.00	8		18	2,000.00	69	2	1,000.00	EA \$	Type "B" Handicap Ramp	18
2,140.00	42.80 \$	1,140.00	L	22.8	17	1,000.00	69	20	50.00	SY S	4' Concrete Sidewalk	17
92,392.50	3695.70 \$	12,717.50	-	508.7	16	79,675.00	69	3187	25.00	LF \$	Curb and Gutter 6" Barrier	16
	0.00 \$	(2,930.00)	├-	-1465	15	2,930.00	59	1465	2.00	SY \$	6'-2" Edge Mill Pavement	15
34,701.60	17350.80 \$	18,099.60	┝	9049.8	14	16,602.00	8	8301	2.00	SY \$	Full Width Cold Pavement	14
181,744.00	2271.80 \$	55,664.00	∞ 69	695.8	13	126,080.00	69	1576	80.00	TON \$	Superpave Type S5	13
139,448.40	1992.12 \$	(13,711.60)	╁	-195.88	12	153,160.00	69	2188	70.00	TON \$	Superpave Type S3	12
4,254.00	2127.00 \$		╁	0	11	4,254.00	8	2127	2.00	GAL \$	Tack Coat	11
9,963.00	9963.00 \$,	69	0	10	9,963.00	69	9963	1.00	SY \$	Separator Fabric	10
1	0.00 \$	(5,548.00)	_	-5548	9	5,548.00	69	5548	1.00	SY \$	Subgrade Method B	9
117,437.50	2348.75 \$	19,937.50	-	398.75	~	97,500.00	8	1950	50.00	CY \$	Aggregate Base Type "A"	∞
3,190.50	709.00 \$		69	0	7	3,190.50	€9	709	4.50	SY \$	Solid Slab Sodding	7
ı	0.00 \$	(2,250.00)	59	-15	6	2,250.00	69	15	150.00	EA \$	Temporary Sediment Filter	6
ı	0.00 \$	(600.00)	\$	-200	5	600.00	\$	200	3.00	LF \$	Temporary Silt Fence	٦,
1	0.00 \$	(2,250.00)	69	-45	4	2,250.00	69	45	50.00	CY \$	Select Borrow	4
35,231.25	2348.75 \$	12,011.25	5	800.75	ω	23,220.00	69	1548	15.00	CY \$	Unclassified Excavation	w
1	0.00 \$	(3,000.00)	55	-2	2	3,000.00	69	2	1,500.00	EA \$	Relocation of Service Line 3/4 Inch	2
ı	0.00 \$	(25,000.00)	⊢	-1000	-	25,000.00	69	1000.00	25.00	LF \$	Service Line 3/4 Inch	_
Amount	Contract	Amount (\$)		y	No.	(\$)			(3)			20.
Revised Contract	Revised R	Quantit Current Estimate	tit Cu		Bid Item	Amount		QTY	Unit Price	Unit	Bid Item	Bid Item
			Changes	0		Contract	1			-		
		Total Add & Subtract Quantity	ld & Subtract	Add &	Total	6/15/2016 10:33	5/201	6/1	ST1508	S		Project Name
		Square 1, 11, and 111 Street	1, 11,		VIIIage	Current Date & Time:	BC 10	Curre	Contract Number:	ontra	Village Square I, II, and III Street	Contractor
		1 11 01 11	7 17		1111	0 771	,					



Periodical Estimate - Unit Price Work

Contractor's Application

\$136,706.80	99.9%	\$795,865.97	\$795,865.97			\$796,582.50	Totals				
			Stored Materials Kemaning	Total Stored IV							
				-11 1							
										STS.	Change Orders
\$70,663.60	45.7%	\$59,466.40	\$59,466.40	849.52		\$130,130.00	\$70.00	1859	SY	Asphalt Patch	35
		\$13,000.00	\$13,000.00	1		\$13,000.00	\$13,000.00	-	LS	Construction Traffic Control	
		\$150.00	\$150.00			\$150.00	\$150.00	_	EA	Remove and Reset Signs	
		\$11,500.00	\$11,500.00			\$11,500.00	\$11.500.00	_ -	SI	Construction Staking Level II	30
	100.0%	\$15,000,00	\$15,000,00	30		\$4,500.00	\$150.00	30	EA	Remove and Reset Mailbox	
	T	\$1,000.00	\$1,000.00	2		\$1,000.00	\$500.00	2	EA	Remove Speed Humps	
\$250.00	T	\$2,250.00	\$2,250.00	9		\$2,500.00	\$250.00	10	ΕA	Adjust Water Meter to Grade	
	100.0%	\$750.00	\$750.00	3		\$750.00	\$250.00	ω	EA	Adjust Water Valve to Grade	27
\$1,500.00						\$1,500.00	\$750.00	2	EA	Adjust Manhole to Grade	
\$9,000.00	T					\$9,000,00	\$1 500 00	6	FA.	Removal of Concrete Hoods Replace with Cast iron Hoo	
\$3.60	T	\$128.40	\$128.40	42.8		\$132.00	\$3.00	44	YS	Removal of Concrete Sidewalk and Ramps	
-\$177.05	T	\$1,732.05	\$1 732.05	346 41		\$1.555.00	\$5.00	311	SV SY	Removal of Concrete Driveways	
-\$5,086.62	116.0%	\$27,250.62	\$27,250.62	9083.54		\$22,164.00	\$3.00	7388	YS	Removal of Asphalt Pavement	21
-\$9,139.35	T	\$26,244.35	\$26,244.35	477.17		\$17,105.00	\$55.00	311	SY	6" Concrete Driveway (HES)	
	T	\$2,000.00	\$2,000.00	2		\$2,000.00	\$1,000.00	2	EA	Combination "A" & "B" Handicap Ramp	
-\$1,000.00		\$3,000.00	\$3,000.00	3		\$2,000.00	\$1,000.00	2	EA	Type "B" Handicap Ramp	
-\$1,140.00		\$2,140.00	\$2,140.00	42.8		\$1,000.00	\$50.00	20	SY	4' Concrete Sidewalk	
-\$12,717.50	116.0%	\$92.392.50	\$92 392 50	3695.7		\$79 675 00	\$25.00	3187	1 2	Curh and Gutter 6" Rarrier	16
\$2,930.00		334,701.00	\$54,701.00	1/350.8		\$10,002.00	\$2.00	8301	SY SY	Full Width Cold Mill Pavement	
-355,004.00	200.00%	\$181,744.00	\$181,744.00	7271.8		\$126,080.00	\$80.00	1576	TON	Superpave Type S5	
\$13,711.60		\$139,448.40	\$139,448.40	1992.12		\$153,160.00	\$70.00	2188	TON	Superpave Type S3	12
	Τ.	\$4,254.00	\$4,254.00	2127		\$4,254.00	\$2.00	2127	GAL	Tack Coat	11
		\$9,963.00	\$9,963.00	9963		\$9,963.00	\$1.00	9963	SY	Separator Fabric	
\$5,548.00	- 1					\$5,548.00	\$1.00	5548	SY	Subgrade Method B	
-\$19,937.50	- 1	\$117,437,50	\$117,437.50	2348 75		\$97 500 00	\$50.00	1950	CV	Argregate Base Type "A"	0
\$2,230.00	100 0%	\$3 190 50	\$3 100 50	700		\$2,250.00	\$150.00	700	EA	Temporary Sediment Filter	
\$600.00						\$600.00	\$3.00	200	LF	Temporary Silt Fence	5
\$2,250.00						\$2,250.00	\$50.00	45	CY	Select Borrow	4
-\$12,011.25	151.7%	\$35,231.25	\$35,231.25	2348.75		\$23,220.00	\$15.00	1548	CY	Unclassified Excavation	3
\$3,000.00	T					\$3,000.00	\$1,500.00	2	EA	Relocation of Service Line 3/4 inch	2
\$25,000.00						\$25,000.00	\$25.00	1000	TF	Service Line 3/4 Inch	1
Balance to Finish	Ins	Total installed to Date	Period (\$)	Installed This Period	Installed Previously	Value (\$)	Unit Price	Quantity	Units	Description	Bid Item No.
!	%		Total Farned This	Quantity	Quantity	Rid Item		Rid Item		Îtem	
			Application Date:				Application Number:	Applicat		Pavement Conservation Specialists, Inc.	Contractor:
	10		Application Period:		ST1508		Contract Number:	Contra		Village Square I, II, and III Street Improvements	(Contract):
	3										For



Engineering & Construction Department

Project Name:	Village Square I, II, and	III Street Improven	nents	Project Number:	ST1508
Project Location:	Village Square Subdivisi	on, 91st & Elm		Contract Number:	ST 1508
Prime Contractor:	Pavement Conservation S	Specialists		Date:	6-7-16
	Certific	ate of Subs	tantial C	ompletion	
D				ompletion	
Date of Substantial	Competition:	5-31	1-16		
		Project	Partia	l Project	
Areas Ac	cepted:				
liquidated This date	is before or on the speci damages is days after the s imber of days) x \$	pecified / modific	ed substantial	completion date - Co	ontractor is subject to
Arrow, Contractor of the project or powarranties required	, and Engineer, and has ortion thereof designated by the Contract Docum	been found to be I above is hereby nents, except as st	substantially declared and tated below.	complete. The Date is also the date of cor	ves of the City of Broken of Substantial Completion mmencement of applicable
failure to include	f items to be completed any items on such list as Contract Documents.	l or corrected is does not alter th	attached here he responsibi	to. This list may no lity of the Contracto	ot be all-inclusive, and the or to complete all work in
The contractor sha	all complete or correct th	e work on the pur	nch list appen	ded hereto in 15 cale	ndar days.
The responsibilitionsurance and was	ies between Owner and arranties shall be as pro Amende asibilities:	ovided in the Co	ntract Docum	eration, safety, main nents except as ame Amended	tenance, utilities, aded as follows:

Name Signature	ministrator Recommendations of Vardas (3)	0-7-16 Date	Name Signature	Renny Shor	10 res L 6-7-16 Date
A/E Recommend	ation		Construction	n Manager Approval	
Name			Name	Timothy Robins, PE	
Signature		Date	Signature		Date 6/1/16





January 11, 2016

Kenny Shores Pavement Conservation Specialists, Inc. 2626 W. Skelly Dr. Tulsa, OK 74107

RE: LETTER #01, CONTRACT # ST1508

CONTRACT NAME: VILLAGE SQUARE I, II, AND III STREET IMPROVEMENTS SUBJECT: NOTICE TO PROCEED, PAY ESTIMATE PROCEDURES AND SUBMITTALS

Mr. Shores:

The following information is provided for your files.

- a. **Notice to Proceed:** This is your official notice to proceed with the Contract # ST1508. The start date of this contract is January 11, 2016 with a completion date of May 10, 2016.
- Contract Administration: The City of Broken Arrow personnel responsible for administration of this contract: Timothy Robins, Construction Division Manager Joe Vardasco, Contract Administrator
- c. Progress Payments: The City of Broken Arrow will honor two progress payment requests per month. All requests for progress payments must be received by the Contract Administrator two weeks prior to the City Council Meeting. Regularly scheduled Council Meetings are attached to this letter. The next scheduled Council meeting is February 2, 2016. Please note that the meetings are subject to change at the City Council's discretion.

The city will only pay for work in place and materials on site. Please make sure the Inspector on the job gets a copy of all material tickets as well as copies of all surveying notes. These will help us in checking your pay estimate.

If you have any questions concerning these matters, please do not hesitate to call me.

Respectfully,

City of Broken Arrow

Timothy S. Robins, P.E. Construction Manager

Commented transfer

cc: Joe Vardasco, Contract Administrator

TSR/sjb