## BURK-KLEINPETER, INC.

CHAIRMAN OF THE BOARD WM. R. "BIFF" BURK, III, PE ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS

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WILLIAM R. BURK, JR., 1912-1986



OVER 100 YEARS OF SERVICE

January 12, 2011

Mr. D. Jesse Hegemier, PE Fort Bend County Engineering PI 124-52 Blume Road Rosenberg, Texas 77471

Trammel Fresno Road from Hillcroft Avenue to FM 521 Fort Bend County Mobility project #746 PO# 14928 BKI Project No. 4041

Invoice No: 49052

Invoice Period: 12/01/2010 through 12/31/2010

Invoice Amount: \$10,538.60

					Firm Fee	Percent				Previously	1	Amount of
Item	Task	Firm	(	Contract Fee	Allocation	Complete	Inv	oiced to Date	9	Invoiced		Invoice
KI Worl	k Tasks		1.111-52									
Α	General	BKI	\$	39,300.01	\$ 39,300.01	60.00%	\$	23,580.01	\$	23,580.01	\$	-
В	Traffic Control	BKI	\$	35,904.62	\$ 9	0.00%	\$	-	\$	2	\$	_
		LJA			\$ 35,904.62	80.00%	\$	28,723.70	\$	28,723.70	\$	-
С	Roadway Design	BKI	\$	123,842.03	\$ 123,842.03	60.00%	\$	74,305.22	\$	74,305.22	\$	-
D	Drainage Design	BKI	\$	104,769.04	\$ 96,930.71	60.00%	\$	58,158.43	\$	53,311.89	\$	4,846.
		LJA			\$ 7,838.33	50.00%	\$	3,919.17	\$	3,919.17	\$	-
E	Utility Coordination	BKI	\$	7,802.21	\$ 7,802.21	75.00%	\$	5,851.66	\$	5,851.66	\$	-
F	Bridge Design	BKI	\$	29,204.11	\$ 29,204.11	65.00%	\$	18,982.67	\$	17,522.47	\$	1,460.
G	Signing & Pvmnt Markings	BKI	\$	19,081.10	\$ 2=3	0.00%	\$	0=0	\$	=	\$	-
	1000 NOSA NOSA 1000 NOSA NOSA NOSA NOSA NOSA NOSA NOSA NOSA	LJA			\$ 19,081.10	60.00%	\$	11,448.66	\$	11,448.66	\$	
H	Erosion Control	BKI	\$	18,512.19	\$ -	0.00%	\$	-	\$	2	\$	-
		LJA			\$ 18,512.19	0.00%	\$		\$		\$	
I	Misc PS&E	BKI	\$	73,687.54	\$ 73,687.54	60.00%	\$	44,212.52	\$	40,528.15	\$	3,684
J	Project Management	BKI	\$	93,126.85	\$ 73,126.85	65.00%	\$	47,532.45	\$	47,532.45	\$	-
		LJA			\$ 20,000.00	75.00%	\$	15,000.00	\$	15,000.00	\$	-
K	Environmental	BKI	\$	120,821.00	\$ 120,821.00	85.00%	\$	102,697.85	\$	102,697.85	\$	_
	Add'l Wetlands (SA1)	BKI	\$	22,075.00	\$ 22,075.00	40.42%	\$	8,922.72	\$	8,922.72	\$	
0	Direct Costs	BKI	\$	5,020.50	\$ 5,020.50	45.59%	\$	2,288.59	\$	1,741.11	\$	547.
	- NO. N. VI.		\$	693,146.20	\$ 693,146.20		\$	445,623.64	\$	435,085.03	\$	10,538.
JA Worl	k Tasks											
D	Drainage Study	LJA	\$	114,851.50	\$ 114,851.50	80.00%	\$	91,881.20	\$	91,881.20	\$	-
J	Project Management	LJA	\$	12,538.00	\$ 12,538.00	75.00%	\$	9,403.50	\$	9,403.50	\$	
L	Surveying	LJA	\$	95,187.00	\$ 95,187.00	95.00%	\$	90,427.65	\$	90,427.65	\$	-
M	Traffic Signals & Warrant Studies	LJA	\$	81,791.00	\$ 81,791.00	60.00%	\$	49,074.60	\$	49,074.60	\$	-
0	Direct Costs	LJA	\$	4,286.00	\$ 4,286.00	83.00%	\$	3,557.38	\$	3,557.38	\$	
			\$	308,653.50	\$ 308,653.50		\$	244,344.33	\$	244,344.33	\$	1
	Invoice Total		\$	1,001,799.70	\$ 1,001,799.70		\$	689,967.97	\$	679,429.36	\$	10,538
							BKI	Amount	\$	375,993.51	\$	10,538
							LJA	Amount	\$	303,435.85	\$	





## **Progress Report**

Task	Comments
A. General	Continue working on schedule and general project management. The project had slowed due to a revised hydraulic analysis and County securing sites for detention. The revised contract authorization to proceed with the modified design was received on September 22, 2010. The 60% submittal to TxDOT was made on Dec. 1, 2010.
B. Traffic Control	The general sequencing was agreed to previously by TxDOT and the plans have been developed in more detail.
C. Roadway Design	Continue working on removal plan, plan and profile sheets, intersection layouts, and cross sections.
D. Drainage Design	A revision to the Hydraulic Report required offsite detention. The revised draft hydraulic report from LJA was submitted with the 60% submittal. Initial data for the detention basins has been developed. The basin at Hurricane Lane will over detain on the existing channel and the existing basin at Winfield Lakes will be enlarged to accommodate the roadway needs. On-going work on drainage plan layout sheets, revised hydraulic computations and ditch sizing is continuing.
E. Utility Coordination	All work on this item is complete except coordination on any new information that may arise. Provided updated CAD files to Klotz for utility exhibit work.
F. Bridge Design	Submitted the bridge sheets with the 60% submittal. Bridge design is approximately 80% complete
G. Signing and Pavement Markings	Continuing pavement marking layouts.
H. Erosion Control	No work this period.
I. Misc. PS&E	Developed the pavement removal sheets and other misc. plan sheets. The Railroad Exhibit A has previously been submitted to TxDOT for their further use.
	<ul> <li>Contract administration and coordination.</li> <li>Received comments from TxDOT regarding the Geotechnical Report, specifically the format of the boring logs. The geotechnical firm that did the original reports. QC Labs had stated they will perform the work at no additional fee, however they have not provided the information despite numerous contacts to supply the information. Will wait to see if similar comments are made on the</li> </ul>
J. Project Management	60% review.
K. Environmental	<ul> <li>Report is essentially complete and the classification letter is being reviewed at FHWA. Additional wetlands investigation work for the detention sites has been completed.</li> <li>Continued coordination with TxDOT-ENV.</li> <li>Public Meeting was held April 29, 2010.</li> <li>The revised Draft CE Report will be submitted upon receipt of</li> </ul>



## OVER 100 YEARS OF SERVICE

	project, not requiring an EA.					
L. Surveying	Topographic surveys are complete including additional areas at the detention sites.					
M. Signals	Warrant Studies are complete and have been submitted. Initial signal system layouts are in progress and included in the 60% submittal.					
O. Direct Costs	Miscellaneous reproduction and related expenses.					

## **Anticipated Work During Next Invoice Period:**

Review the 60% comments and continue working toward the 90% plans. The project schedule has been revised. Continue to coordinate with TxDOT ENV on the environmental documents.

I verify this invoice to be a true and correct statement of fact to the best of my knowledge.

Ken Stanley, PE

Director - Houston Operations