## BURK-KLEINPETER, INC.

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ENGINEERS, ARCHITECTS, PLANNERS, ENVIRONMENTAL SCIENTISTS

6420 RICHMOND AVENUE, SUITE 675, HOUSTON, TX 77057 TELEPHONE (713) 892-5901 FAX (713) 892-5908 WWW.BKIUSA.COM PRESIDENT
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OVER 100 YEARS OF SERVICE

December 13, 2010

Mr. D. Jesse Hegemier, PE Fort Bend County Engineering P1124-52 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: 48918

Invoice Period: 11/01/2010 through 11/30/2010

Invoice Amount: \$30,387.81

					Firm Fee	Percent				Previously	P	Amount of
Item	Task	Firm	(	Contract Fee	Allocation	Complete	Inv	oiced to Date		Invoiced		Invoice
KI Worl	k Tasks											
A	General	BKI	\$	39,300.01	\$ 39,300.01	60.00%	\$	23,580.01	\$	21,615.01	\$	1,965.00
В	Traffic Control	BKI	\$	35,904.62	\$ <del>-</del> -	0.00%	\$		\$	9 <del>.</del> 9	\$	-
		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	55.00%	\$	53,311.89	\$	38,772.28	\$	14,539.6
		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	\$	5,461.55	\$	390.1
F	Bridge Design	BKI	\$	29,204.11	\$ 29,204.11	60.00%	\$	17,522.47	\$	16,062.26	\$	1,460.2
G	Signing & Pvmnt Markings	BKI	\$	19,081.10	\$ -	0.00%	\$	_	\$	-	\$	72
		LJA			\$ 19,081.10	60.00%	\$	11,448.66	\$	11,448.66	\$	-
Н	Erosion Control	BKI	\$	18,512.19	\$ -	0.00%	\$	-	\$	-	\$	-
		LJA			\$ 18,512.19	0.00%	\$	_	\$	_	\$	_
I	Misc PS&E	BKI	\$	73,687.54	\$ 73,687.54	55.00%	\$	40,528.15	\$	40,528.15	\$	-
J	Project Management	BKI	\$	93,126.85	\$ 73,126.85	65.00%	\$	47,532.45	\$	47,532.45	\$	-
		LJA		1240-1800-000-01-41-42	\$ 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	34.68%	\$	1,741.11	\$	1,193.37	\$	547.7
TA TAT1	Title		\$	693,146.20	\$ 693,146.20		\$	435,085.03	\$	416,182.37	\$	18,902.60
A Work	Drainage Study	LJA	\$	114,851.50	\$ 114,851.50	80.00%	\$	91,881.20	\$	80,396.05	\$	11,485.1
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	\$	
		100	\$	308,653.50	\$ 308,653.50		\$	244,344.33	\$	232,859.18	\$	11,485.1
	Invoice Total		\$	1,001,799.70	\$ 1,001,799.70		\$	679,429.36	\$	649,041.55	\$	30,387.8
							BKI	Amount	\$	357,090.85	\$	18,902.6
							The Control of	Amount	s	291,950.70	\$	11,485.1



## **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 is to be made after the Thanksgiving holiday.						
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 requires offsite detention. The revised draft hydraulic report from LJA will be 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	Participated in the utility coordination meeting with TxDOT and representatives of utilities. Prepared utility layout sheets and forwarded conflict information to the Program Manager. No additional information has been provided to or requested of BKI. All work on this item is complete except coordination on any new information that may arise.						
F. Bridge Design	Submitted the bridge layout sheets after meeting with Jon Holt at TxDOT and addressing their comments. We received some very minor comments from Bridge Division. Bridge design is approximately 80% complete						
G. Signing and Pavement Markings	Began preliminary pavement marking layouts.						
H. Erosion Control	No work this period.						
I. Misc. PS&E	Developed the pavement removal sheets and other misc. plan sheets.  Submitted the Railroad Exhibit A to TxDOT for their further use.						
I Project Management	<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</li> </ul>						
J. Project Management	<ul> <li>information.</li> <li>Report is essentially complete and the classification letter is being</li> </ul>						
K. Environmental	reviewed at TxDOT/FHWA. Additional wetlands investigation work for the detention sites has been completed.  Continued coordination with TxDOT-ENV.						



## OVER 100 YEARS OF SERVICE

	<ul> <li>Public Meeting was held April 29, 2010.</li> <li>The revised Draft CE Report will be submitted upon receipt of comments on the Classification Letter confirming this is a CE project, not requiring an EA.</li> </ul>
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:**

Submit 60% submittal at the end of November 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