

TIRZ 17 Redevelopment Authority
Memorial City Redevelopment Authority
Houston, Texas

The Board of Directors of the TIRZ 17 Redevelopment Authority (aka the Memorial City Redevelopment Authority) will hold a regular meeting on Tuesday, May 27, 2014, at 7:30 a.m., at Four Points by Sheraton, 10655 Katy Freeway, Wycliffe Room, Houston, Texas 77024, to discuss, and if appropriate, act upon the following items:

1. Call meeting to order, take attendance, and verify a quorum is present.
2. Comments from the public.
3. Approve minutes of Board of Directors meeting dated April 29, 2014.
4. Financial and bookkeeping matters, including payment of invoices, review of investments and project cash flow reports.
5. Local Interaction Group report and update.
6. Approve Development Agreement between Memorial City Redevelopment Authority and MetroNational for the purpose of revitalizing the Conrad Sauer Detention Basin.
7. Special presentation to the Board: "Fiscal Year 2015 – 2019 Capital Improvement Plan and CIP Committee Recommendations."
8. Report from Subcommittee on FY2015 CIP prioritization and discuss/adopt Capital Improvement Plan and budget for fiscal year end June 30, 2015, and authorize submittal to the City of Houston.
9. Discuss proposal from Lockwood, Andrews, and Newnam, Inc., for "Detailed Design for CIP T-1717 Town & Country West Drainage and Mobility Improvements Phase II."
10. Barryknoll East Improvement Project, including:
 - a. Construction status.
 - b. Approval of time modifications, changes in work or pay applications.
11. W140 Detention Basin Project, including:
 - a. Construction status of basin package (Phase II); and
 - b. Approval of time modifications, changes in work or pay applications (Phase II).
12. Executive Director's Report.
13. Convene in Executive Session pursuant to Section 551.072, Texas Government Code, to deliberate the purchase, exchange, lease, or value of real property.
14. Reconvene in Open Session and authorize appropriate action regarding the purchase, exchange, lease, or value of real property.
15. Adjournment.


Attorney for the Authority KA

Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact Don Huml at (713) 829-5720 or donhuml@houstontirz17.org at least 72 hours prior to the meeting so that appropriate arrangements can be made. For complaints or concerns regarding compliance with the Americans with Disabilities Act, please contact Don Huml, Executive Director for the Authority.

MINUTES OF THE BOARD OF DIRECTORS MEETING
TIRZ 17 Redevelopment Authority/Memorial City Redevelopment Authority
City of Houston, Texas

April 29, 2014

The Board of Directors (the "Board") of the TIRZ 17 Redevelopment Authority/Memorial City Redevelopment Authority (the "Authority") met in regular session, open to the public, on April 29, 2014, at Four Points by Sheraton, 10655 Katy Freeway, Wycliffe Room, Houston, Texas 77024.

Board members in attendance:

Ann T. Givens, Chair
Brad Freels, Vice Chair
Bob Tucker, Assistant Secretary
Zachary R. Hodges, Director
David A. Hamilton, Director
John Rickel, Director

Staff in attendance:

Don Huml - Executive Director

Consultants in attendance:

Michelle Lofton - ETI Bookkeeping Services
Muhammad Ali and Raphael Ortega - Lockwood, Andrews & Newnam, Inc. ("LAN")
Jessica Holoubek and Jane Miller - Allen Boone Humphries Robinson LLP ("ABHR")
Gary Struzick and Wayne Klotz - Klotz Associates, Inc. ("Klotz")
James Vick - SWA Group
David Smalling - RBC Capital Markets
Joseph Ellis - McCall Gibson Swedlund Barfoot PLLC
Mark McGrath - McGrath & Co., PLLC
Carlos Bujosa - Transwestern

City of Houston (the "City") representatives in attendance:

City Council Member Oliver Pennington
Ralph De Leon and Mary Buzak
Amy Peck, Chief of Staff for City Council Member Brenda Stardig

State representatives in attendance:

Representative Dwayne Bohac - Texas House of Representatives
Senator John Whitmire - Texas Senate

1. Call Meeting to Order

Having established that a quorum of the Board was present, Mr. Huml called the meeting to order at 7:32 a.m.

2. Public Comments

Senator Whitmire commented on the proposed Conrad Sauer detention pond rehabilitation and expansion project north of Interstate 10 and recognized the Authority for its leadership to resolve the issue along with community leaders.

Representative Bohac also expressed support for the proposed Conrad Sauer detention pond rehabilitation and expansion project.

Council Member Pennington commented on improvements planned for Memorial Drive and expressed support for detention projects, including the proposed Conrad Sauer detention pond rehabilitation and expansion project.

Ms. Peck expressed support for the proposed Conrad Sauer detention pond rehabilitation and expansion project.

Ms. Roberta Prazak expressed concerns regarding the proposed Conrad Sauer detention pond rehabilitation and expansion project.

Ms. Virginia Gregory commented on the size of the pumps for the Conrad Sauer detention basin and concerns regarding access and mobility.

Ms. Donna Freeman commented on discussions at a Local Interaction Group Report. She expressed opposition to the widening of Memorial Drive and reviewed a resolution adopted by the Board in August 1999. She presented a prior CIP map and commented on detention pond facilities.

3. Minutes of March 25, 2014 Meeting

The Board reviewed the minutes of the March 25, 2014, regular meeting. Following review and discussion, Director Givens moved to approve the minutes as submitted. The motion was seconded by Director Hamilton and carried unanimously.

4. Financial and Bookkeeping Matters

Ms. Lofton reviewed the financial report for March and presented checks for payment by the Authority. After review and discussion, Director Hamilton moved to

approve the financial report and payment of the bills presented. The motion was seconded by Director Givens and carried unanimously.

5. Engage McGrath & Co., PLLC to Prepare Financial Statement for Fiscal Year End June 30, 2014

Mr. McGrath stated that the City requires that the Authority have a financial statement prepared by an independent public accountant for submission to the Authority's auditor. The Board reviewed a proposal from McGrath & Co., PLLC to prepare the Authority's financial statement. Following review and discussion, Director Rickel made a motion to engage McGrath & Co., PLLC to prepare the financial statement for the fiscal year ending June 30, 2014, for an estimated fee of \$9,500. Director Tucker seconded the motion, which passed unanimously.

6. Engage McCall Gibson Swedlund Barfoot PLLC to Perform Audit for Fiscal Year End June 30, 2014

The Board reviewed a proposal from McCall Gibson Swedlund Barfoot PLLC to conduct the Authority's annual audit for the fiscal year ending June 30, 2014. Following review and discussion, Director Hamilton made a motion to engage McCall Gibson Swedlund Barfoot PLLC to conduct the Authority's audit for the fiscal year ending June 30, 2014, for an estimated fee of \$8,000-\$9,000. The motion was seconded by Director Freels and carried by unanimous vote.

7. Local Interaction Group Report and Update

Director Hamilton reported on the most recent Local Interaction Group meeting.

8. Presentation on Conrad Sauer Detention Basin Revitalization Project

The Board received a presentation from Mr. Klotz on the proposed Conrad Sauer detention pond rehabilitation and expansion project. Director Givens noted the purpose of the project is to address drainage and mobility. In response to a question from Director Rickel, Mr. Klotz said Klotz obtained records from the City to confirm adequate pumping capacity and will incorporate necessary adjustments to maximize detention. Director Hamilton commended the Local Interaction Group participants and developers associated with the project and asked for continued support.

9. Authorize Negotiation and Preparation of Development Agreement between Memorial City Redevelopment Authority and MetroNational for Revitalizing the Conrad Sauer Detention Basin

The Board considered entering into a Development Agreement with MetroNational for revitalization of the Conrad Sauer Detention Basin. Upon a motion

made by Director Freels and seconded by Director Givens, the Board voted unanimously to authorize Chair Ann Givens, Executive Director Don Huml, and ABHR to negotiate and prepare such a Development Agreement.

10. Presentation on Town & Country Way Complete Street

The Board tabled this item.

11. Report from Subcommittee on FY2015 CIP Prioritization; Discuss FY2015 CIP Prioritization and Budget Drafts due to City of Houston by May 31, 2014

Director Hamilton reported on the CIP subcommittee's efforts to consider the 2015 CIP and project prioritization, including the recommendation to prioritize (1) CIP Nos. T-1732A and T-1732B for N. Gessner Drainage and Mobility Improvements and (2) CIP No. T-1731B for Memorial Drive Drainage and Mobility Improvements in the 2015 budget. Discussion ensued regarding the deadline to establish and submit a budget to the City and the process for same. Director Freels discussed prioritizing projects to meet budget recommendations and establishing a percentage of the budget for each project. Director Givens discussed the possible need to call a special meeting to address the budget.

12. Task Order from Klotz for Engineering Support Services

The Board reviewed a proposal from Klotz for engineering services associated with planning and implementation of the FY2015 CIP and budget. Following review and discussion, Director Rickel moved to approve the task order from Klotz for a total cost not to exceed \$15,000. The motion was seconded by Director Givens and carried by unanimous vote.

13. Task Order from LAN for Engineering Support Services

The Board reviewed a proposal from LAN for engineering services associated with planning and implementation of the FY2015 CIP and budget. Following review and discussion, Director Tucker moved to approve the task order from LAN for a total cost not to exceed \$15,000. The motion was seconded by Director Rickel and carried by unanimous vote.

14. Proposal from LAN to Update Phase I Environmental Site Assessment for Lumpkin Road

Mr. Ali reviewed a proposal from Aviles Engineering Corporation ("AEC") to conduct an updated phase I environmental site assessment of Lumpkin Road, from I 10 Frontage Road to Westview Drive. The Board then reviewed a proposal from LAN for

review of AEC's site assessment work. After review and discussion, Director Hodges moved to approve the proposals from AEC and LAN for a combined estimated cost of \$7,522. Director Hamilton seconded the motion, which passed unanimously.

15. Proposal from LAN for Boundary Surveying for Town & Country Way West

Mr. Ali reviewed a proposal from Kuo & Associates, Inc. ("Kuo") to conduct boundary surveys of three parcels for the Town & Country Way West project. The Board then reviewed a proposal from LAN for review of Kuo's survey work. Discussion ensued regarding the areas to be encompassed by the boundary survey. After review and discussion, Director Hodges moved to approve the proposals from Kuo and LAN for a combined estimated cost of \$11,446. Director Hamilton seconded the motion, Director Freels abstained, and the motion carried.

16. W140 Detention Basin Project

Mr. Ali reported on the Briar Branch detention basin package by L.N. McKean, Inc. He reviewed a Certificate of Substantial Completion and a report prepared following LAN's substantial completion inspection, which reflects the punch list items to be addressed by the contractor. Following review and discussion and based upon the engineer's recommendation, upon a motion made by Director Givens and seconded by Director Tucker, the Board voted unanimously to approve the Certificate of Substantial Completion.

Mr. Ali next reviewed Change Order No. 1 to adjust the contract time by 37 days due to inclement weather. Following review and discussion and based upon the engineer's recommendation, upon a motion made by Director Freels and seconded by Director Givens, the Board voted unanimously to approve Change Order No. 1.

17. Executive Director's Report

Mr. Huml reported regarding his work for the Authority during the prior month. He reviewed the status of Authority projects and reported on community outreach efforts.

18. Convene in Executive Session Pursuant to Section 551.072, Texas Government Code, to Deliberate the Purchase, Exchange, Lease or Value of Real Property

At 8:56 a.m., Mr. Huml announced the Board would meet in executive session to deliberate the purchase, exchange, lease or value of real property. All of the attendees except the Board members, Mr. Huml, Mr. De Leon, Ms. Buzak, Ms. Holoubek, Mr. Bujosa, and Ms. Miller left the meeting. The Board met in executive session to deliberate the purchase, exchange, lease or value of real property.

20. Reconvene in Open Session and Authorize Appropriate Action Regarding the Purchase, Exchange, Lease or Value of Real Property

At 9:49 a.m., Mr. Huml announced the Board would reconvene in open session. Directors Hamilton and Freels left the meeting.

21. Task Order from LAN to Identify Potential Detention Sites

The Board reviewed a proposal from LAN for engineering services related to the assessment of regional detention options in connection with the TIRZ 17 Regional Drainage Study. Mr. De Leon commented on detention planning and the Regional Drainage Study. Following review and discussion, Director Rickel moved to approve the task order from LAN for a total time and materials cost not to exceed \$39,843. The motion was seconded by Director Tucker and carried by unanimous vote.

22. Adjournment

There being no additional matters for the Board's consideration, the meeting was adjourned.

Approved:

Secretary, Board of Directors
TIRZ 17 Redevelopment Authority/Memorial City Redevelopment Authority
City of Houston, Texas

Memorial City Redevelopment Authority

Cash Management Report

April 30, 2014

ETI BOOKKEEPING SERVICES
17111 ROLLING CREEK DRIVE SUITE 108
HOUSTON TX 77090
TELEPHONE 281 444 3384 FAX 281 440 8304

Fiscal Year End: June 30, 2014

Summary

<u>Current Activity</u>	<u>Memorial City Redevelopment Authority</u>			<u>Total</u>
	<u>General Fund</u>	<u>Capital Projects</u>	<u>Debt Service</u>	
Beginning Balance	14,550,623.05	12,619,122.53	6,483.17	27,176,228.75
Revenue	1,795.34	2,027.67	0.22	3,823.23
Expenditures	22,034.14	163,329.73	0.00	185,363.87
Ending Balance	14,530,384.25	12,457,820.47	6,483.39	26,994,688.11

NOTES

Debt Service Payments due in Fiscal Year End 2014:

Date	Series	Principal	Interest	Total
9/1/2013	2008	410,000.00	189,792.50	599,792.50
9/1/2013	2011	520,000.00	170,752.00	690,752.00
9/1/2013	2011A	1,630,000.00	567,875.00	2,197,875.00
3/1/2014	2008	-	180,670.00	180,670.00
3/1/2014	2011	-	161,184.00	161,184.00
3/1/2014	2011A	-	536,497.50	536,497.50
			Total FYE 2014	4,366,771.00

General Operating Fund

BEGINNING BALANCE: **14,550,623.05**

REVENUE:

Checking Interest - Bank of America	1,669.59	
Texpool Interest	24.55	
Wells Fargo/TexSTAR (Surplus Funds) Interest	101.20	
Voided Check (s)	0.00	
Total Revenue:		1,795.34

DISBURSEMENTS:

Checks Presented At Last Meeting	5,324.73	
Checks Written at/after Last Meeting	0.00	
FDIC Assessment Fee	1,112.75	
Direct Deposit Payroll	8,260.40	
Payroll Taxes	2,189.46	
TWC Taxes	207.00	
Employee Benefits	3,100.00	
Employee Expenses	1,839.80	
Total Expenditures		22,034.14

Ending Balance: **14,530,384.25**

Location of Assets:

Institution	Investment Number	Interest Rate	Current Balance
Bank of America	*9516	0.2000	10,145,083.27
TexPool	*0001	0.0336	886,796.63
Wells Fargo *	TexSTAR Surplus Funds	0.0379	3,251,043.09
Texas Exchange Bank CD	*3601	0.7500	247,461.26
		Total	14,530,384.25

Certificate of Deposit

CD *4215

Term: 12 Months

Matures: 09/29/2014

**Memorial City Redevelopment Authority
Checks Presented May 27, 2014**

Num	Name	Description	Amount
1391	Allen Boone Humphries Robinson LLP	Legal Fee	-13,922.90
1392	Equi-Tax, Inc	Tax Assessor Fee	-400.00
1393	ETI Bookkeeping Services	Bookkeeping Fee	-1,056.58
1394	Marsh Darcy Partners, Inc	Office Lease	-1,207.48
Total			-16,586.96

Capital Projects Fund

BEGINNING BALANCE		12,619,122.53
 REVENUE		
Checking Interest - Bank of America	2,018.16	
TexPool Interest	9.51	
Voided Check(s)	0.00	
Total Revenue		2,027.67
 EXPENDITURES		
Checks Presented at Last Meeting	161,724.94	
Checks Written at/after Last Meeting	0.00	
FDIC Assessment Fee	1,604.79	
Total Expenditures		163,329.73
 ENDING BALANCE		 12,457,820.47

Location of Assets:

Institution	Investment Number	Interest Rate	Current Balance
Bank of America	*1719	0.2000	12,113,427.94
Tex Pool	*0003	0.0336	344,392.53
		Total	12,457,820.47

**Memorial City Redevelopment Authority
Checks Presented May 27, 2014**

Num	Name	Description	Amount
10226	Gary A. Mason	Right of Way Purchase (May 5, 2014)	-3,724.00
10227	CenterPoint Energy	Application Fee (May 6, 2014)	-1,500.00
10228	Allen Boone Humphries Robinson LLP	Legal Fee	-51,614.34
10229	Klotz Associates Inc	W140 Channel Improvements	-72,089.90
10230	L.N. McKean, Inc.	Pay Estimate No. 7	-101,411.74
10231	Lockwood, Andrews & Newman, Inc.	Engineering Fee	-92,710.12
10232	SWA Group	Landscape Architect Services	-11,473.35
10233	Texas Sterling Construction Co.	Pay Estimate No. 11	-95,416.57
Total			-429,940.02

Debt Service Fund

BEGINNING BALANCE		6,483.17
 REVENUE		
Wells Fargo/TexSTAR (2008 DSF) Interest	0.00	
Wells Fargo/TexSTAR (DS Reserve) Interest	0.00	
Wells Fargo/TexSTAR (2008 Pled Rev) Interest	0.22	
Total Revenue		0.22
 EXPENDITURES		
2008 Debt Service Interest Payment	0.00	
2008 Debt Service Principal Payment	0.00	
Total Expenditures		0.00
 ENDING BALANCE		 6,483.39

Location of Assets:

Institution	Investment Number	Interest Rate	Current Balance
Wells Fargo *4601	TexSTAR 2008 DSF	0.0379	636.04
Wells Fargo *4603	TexSTAR DS Reserve	0.0379	272.17
Wells Fargo *4600	TexSTAR 2008 Pledged Rev	0.0379	5,575.18
		Total	6,483.39

Memorial City Redevelopment Authority
Investment Report
April 30, 2014

SCHEDULE OF INVESTMENTS

Investment Pools

Fund	Location Of Assets	Interest Rate	Beginning Balance			Interest Earned	Deposits or (Withdrawals)	Ending Balance		
			Market	N.A.V.	Book			Market	N.A.V.	Book
GOF	TexPool	0.0336	891,747.55	1.00004	891,711.88	24.55	(4,939.80)	886,840.97	1.00005	886,796.63
GOF	Wells Fargo/ TexStar	0.0379	3,251,156.45	1.000066	3,250,941.89	101.20	(0.00)	3,251,215.40	1.000053	3,251,043.09
CPF	TexPool	0.0336	344,396.80	1.00004	344,383.02	9.51	0.00	344,409.75	1.00005	344,392.53
DSF	Wells Fargo/ TexStar DSF	0.0379	636.08	1.000066	636.04	0.00	0.00	636.07	1.000053	636.04
DSF	Wells Fargo/ TexStar Res.	0.0379	272.19	1.000066	272.17	0.00	0.00	272.18	1.000053	272.17
DSF	Wells Fargo/ TexStar PI Rev	0.0379	5,575.33	1.000066	5,574.96	0.22	0.00	5,575.48	1.000053	5,575.18

Certificates of Deposit

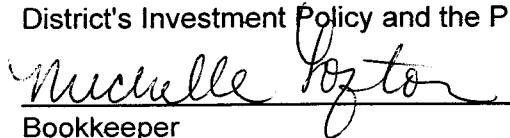
Fund	Location Of Assets	Interest Rate	Purchase Value	Term	Maturity Date	Beginning Balance	Deposits or (Withdrawals)	Interest Earned	Ending Balance
GOF	TX Exch *3601	0.7500	245,000.00	12 Months	9/29/2014	247,461.26	0.00	0.00	247,461.26

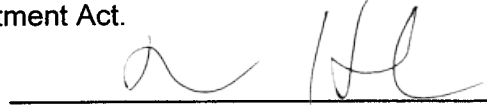
Collateral Pledged In Addition to FDIC

Depository Institution	Total Funds On Deposit	Custodial Institution	Securities Pledged	Collateral Description	Par Value	Market Value
Bank of America	22,258,511.21	Federal Reserve	31,920,100	FNMS	31,614,025	31,920,100

Certification:

The District's investments are in compliance with the investment strategy as expressed in the District's Investment Policy and the Public Funds Investment Act.


Bookkeeper


Investment Officer

Investment Officer	Date Assumed Office	Training Completed
Don Huml	4/30/2013	4/26/2013

Memorial City Redevelopment Authority
Profit & Loss Budget vs. Actual
April 2014

	April			Year To Date (10 Months)			Annual
	Actual	Budget	Variance	Actual	Budget	Variance	Budget
Ordinary Income/Expense							
Income							
1000 · Income							
8223 · Interest Income	3,823	5,794	-1,971	50,583	57,944	-7,361	69,533
Total 1000 · Income	3,823	5,794	-1,971	50,583	57,944	-7,361	69,533
6-4320 · Increment Collections	0	0	0	5,572	0	5,572	10,170,258
Total Income	3,823	5,794	-1,971	56,155	57,944	-1,789	10,239,791
Expense							
3335 · Management Consulting Services							
6320 · Legal	14,640	3,333	11,307	45,621	33,333	12,288	40,000
6322 · Eng Consultant/General Prof.Svc	4,494	4,167	327	17,521	41,667	-24,146	50,000
6337 · Construction Audit	0	0	0	0	0	0	10,000
6343 · Other	86	0	86	2,998	0	2,998	0
Total 3335 · Management Consulting Services	19,220	7,500	11,720	66,140	75,000	-8,860	100,000
5650 · Transfers							
6430 · Municipal Services	0	0	0	0	0	0	490,000
Total 5650 · Transfers	0	0	0	0	0	0	490,000
5706 · Debt Service							
5707 · Principal	0	0	0	2,560,000	2,560,000	0	2,560,000
5708 · Interest	0	0	0	1,806,771	1,806,771	0	1,806,771
5710 · Other Debt Items							
5710c · Trustee Fee	0	0	0	9,500	0	9,500	0
Total 5710 · Other Debt Items	0	0	0	9,500	0	9,500	0
Total 5706 · Debt Service	0	0	0	4,376,271	4,366,771	9,500	4,366,771
6-6420 · City of Houston Admin Fee	0	0	0	0	0	0	508,513
6300 · Administration & Overhead							
6321 · Auditor	0	0	0	18,500	17,000	1,500	17,000
6333 · Bookkeeping/Accounting	950	875	75	10,252	8,750	1,502	10,500
6340 · Administration Salaries/Benefit	12,892	11,833	1,059	107,142	118,333	-11,191	142,000
6344 · Bond Svcs/Trustee/FA	400	400	0	4,750	4,000	750	4,800
6350 · Office Expense	1,840	1,250	590	14,663	12,500	2,163	15,000
6351 · Office Lease	1,207	1,250	-43	11,208	12,500	-1,292	15,000
6353 · Insurance / FDIC Assess.Fee	2,718	3,750	-1,032	35,330	37,500	-2,170	45,000
6560 · Payroll Expenses	147	0	147	1,616	0	1,616	0
Total 6300 · Administration & Overhead	20,154	19,358	796	203,461	210,583	-7,122	249,300
6454 · Groundbreaking Ceremony	0	0	0	948	0	948	0
7000 · Capital Expenditure							
1701 · Gessner Widening	0	0	0	127	0	127	0
1702 · Bunker Hill Widening	0	0	0	127	0	127	0

Memorial City Redevelopment Authority
Profit & Loss Budget vs. Actual
April 2014

	April			Year To Date (10 Months)			Annual
	Actual	Budget	Variance	Actual	Budget	Variance	Budget
1709 · Lumpkin I-10 Westview	70,556	141,667	-71,111	770,104	1,416,667	-646,563	1,700,000
1712 · Bunker Hill S Drainage & Mobil	0	0	0	5,939	0	5,939	0
1713 · Memorial near Bwy 8 Drainage	0	0	0	127	0	127	0
1714 · Frostwood & Kingsride Drainage	0	0	0	9,789	0	9,789	0
1715A · Barryknoll East Drainage	103,067	515,293	-412,226	2,793,180	5,152,925	-2,359,745	6,183,510
1715B · Barryknoll West Drainage	0	13,833	-13,833	19,315	138,333	-119,018	166,000
1717 · Town & Country W. Drain/Mobil	44,141	183,333	-139,192	2,416,293	1,833,333	582,960	2,200,000
1718 · Kimberly near Bwy 8 Drainage	0	0	0	127	0	127	0
1722 · Town & Country Blv Signalizatn	960	41,667	-40,707	40,541	416,667	-376,126	500,000
1724 · Gessner at Barryknoll Intersec.	0	0	0	127	0	127	0
1725 · Parks & Green Space Improv.	3,946	41,667	-37,721	14,758	416,667	-401,909	500,000
1726 · West Bough Roadway Improvements	0	0	0	127	0	127	0
1727 · N.Gessner Thoroughfare	0	0	0	127	0	127	0
1728 · Westview at Lumpkin Enhancement	0	0	0	802	0	802	0
1731A · Detention Basin & W-140 Bridge	19,134	183,333	-164,199	2,675,708	1,833,333	842,375	2,200,000
1731B · Memorial Drainage & Mobility	0	0	0	127	0	127	0
1732A · N Gessner Drainage & Mobility	0	0	0	7,496	0	7,496	0
1732B · N.Gessner Drainage & Mobility	0	0	0	222	0	222	0
1733A · N.Witte Drainage & Mobility	0	0	0	20,627	0	20,627	0
1733B · N.Witte Drainage & Mobility (B)	0	0	0	127	0	127	0
1734 · W140 Channel Improvements	177,614	46,333	131,281	381,873	463,333	-81,460	556,000
1735 · Detention Basin	0	1,250,000	-1,250,000	71,000	12,500,000	-12,429,000	15,000,000
Total 7000 · Capital Expenditure	419,418	2,417,126	-1,997,708	9,228,790	24,171,258	-14,942,468	29,005,510
Total Expense	458,792	2,443,984	-1,985,192	13,875,610	28,823,612	-14,948,002	34,720,094
Net Income	-454,969	-2,438,190	1,983,221	-13,819,455	-28,765,668	14,946,213	-24,480,303

Equi-Tax Inc.

Invoice

Suite 200
17111 Rolling Creek Drive
Houston Texas 77090
281-444-4866

DATE	INVOICE #
5/1/2014	46667

BILL TO
TIRZ 17 Memorial City Redevelopment Authority 17111 Rolling Creek Drive, Ste 200 Houston, TX 77090

DESCRIPTION	AMOUNT
Fee per Contract, Monthly Consultant Services	400.00
Don Huml: Executive Director Reviewed: <u><i>Don Huml</i></u> Date: <u>05-20-2014</u> Code: <u>6333</u> Amount: <u>\$400.00</u>	

Total	\$400.00
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ETI Bookkeeping Services

PO BOX 73109
Houston, TX 77273

Invoice

Date	Invoice #
5/1/2014	7056

Bill To
TIRZ 17 Redevelopment Authority P.O. Box 73109 Houston, Texas 77273

Description	Qty	Rate	Amount
Bookkeeping		850.00	850.00
Payroll		100.00	100.00
Quarterly SEP		50.00	50.00
Couriers		56.58	56.58
<p>Don Huml: Executive Director Reviewed: <u><i>ah</i></u> Date: <u>05-20-14</u> Code: <u>6333</u> Amount: <u>\$1,056.58</u></p>			

	Total	\$1,056.58
	Payments/Credits	\$0.00
	Balance Due	\$1,056.58

Marsh Darcy Partners, Inc.
8955 Katy Freeway
Suite 215
Houston, TX 77024

Invoice #: 1721
Date: 5/15/2014

Bill To:

ETI Accounting Services
Attn: Michelle Lofton
JOB:Memorial City Redevelopment Authority
P.O. Box 73109
Houston, TX 77273

Terms: Due on receipt

Item	Description	#	Rate	Date	Amount
Rent	Rent June 2014		810.00		810.00
Jan Buehler	Assist Don Huml: printing B&W from PDF; Schedule BeeLine Delivery to Glenn Airola.	0.5	50.00	4/25/2014	25.00
Jan Buehler	Assist Don Huml: Schedule/prepare for BeeLine Delivery to RalphDeLeon/COH and Michelle Lofton/ETI. Confirmed.	0.25	50.00	4/30/2014	12.50
Reimb Group	Beeline Delivery Fidelis Realty Partners		10.66	4/25/2014	10.66
	Beeline Delivery City of Houston		10.66	4/30/2014	10.66
	Beeline Delivery ETI Bookkeeping Services		27.06	4/30/2014	27.06
	Total Reimbursable Expenses				48.38
Photocopies black & white	Photocopies (black & white) in house Price per page	3,116	0.10	5/15/2014	311.60

Don Huml: Executive Director

Reviewed: *[Signature]*

Date: 05-20-14

Code: 6351

Amount: \$1,207.48

Thank you for your business.

Total Due \$1,207.48

Phone #	Fax:	Web Site
(713) 647-9880	(713) 647-6448	www.marshdarcypartners.com

ABHR

ALLEN BOONE HUMPHRIES ROBINSON LLP

To contact the ABHR Billing Department, please call 713-860-6400 or email at billing@abhr.com

May 19, 2014

MEMORIAL CITY REDEVELOPMENT AUTHORITY

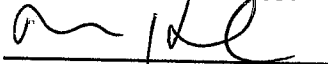
General

Client/Matter: MEM001-01
Statement Number: 66790
Billing Attorney: Trey Lary

REMITTANCE PAGE

Fees for services posted through May 09, 2014	13,463.61
Expenses and Other Items posted through May 09, 2014	459.29
Total Amount Due:	\$13,922.90

Don Huml: Executive Director

Reviewed: 

Date: 05-20-14

Code: 6320

Amount: \$13,922.90

Please return this page with your payment to the remittance address below:

Allen Boone Humphries Robinson LLP
PO Box 4346
Department 90
Houston, TX 77210-4346

*Checks should be made payable to Allen Boone Humphries Robinson LLP
Please include the invoice number on your check
Total amount payable in U.S.dollars*

ABHR

ALLEN BOONE HUMPHRIES ROBINSON LLP

Taxpayer ID 74-3091731

May 19, 2014

MEMORIAL CITY REDEVELOPMENT AUTHORITY

Ms. Michelle Lofton
ETI Bookkeeping Services
17111 Rolling Creek Drive, Suite 108
Houston, TX 77090

Client/Matter: MEM001-01
Statement Number 66790
Billing Attorney: Trey Lary

General

Professional Fees

Fees for services posted through May 09, 2014, as follows:

<u>Date</u>	<u>Professional</u>		<u>Hours</u>
<u>General</u>			
03/04/14	Kristen Hogan	Prepare for special meeting	0.75
03/07/14	Kristen Hogan	Receive and review Authority correspondence and forward as appropriate	0.25
03/07/14	Beth King	Review, sort, and add documents into district records in accordance with Records Management Act and District's Records Management Policy	0.50
03/10/14	Karen Anderson	Receive and review posting certificate regarding February 25, 2014 City posting of agenda; check calendar to verify notice of meeting was posted in accordance with the Open Meeting Act	0.25
03/12/14	Kristen Hogan	Prepare transmittal letter forwarding approved documents to Don Huml for Authority records	0.25
03/17/14	SHARED FEES	Attention to Public Fund investment and collateralization matters.	0.25
03/17/14	Kristen Hogan	Review and revise agenda for the next Board of Directors meeting; circulate draft agenda for review. Work on minutes of February 25 regular meeting	3.25
03/17/14	Trey Lary	Conference call with Don Huml regarding TIRZ/authority administration and projects	1.00
03/18/14	Kristen Hogan	Finish drafting and proof, revise and finalize minutes of February 25 regular meeting. Review notes and draft minutes of March 5 special meeting	2.50
03/19/14	Kristen Hogan	Finalize minutes of February 25 regular and March 5 special meetings and forward for inclusion in Board packets; prepare execution copies. Update Meeting File	0.75
			1.00

Allen Boone Humphries Robinson LLP

May 19, 2014

03/19/14	Jessica Holoubek	Discuss employment matters with Ann Givens; work on Board of Directors meeting minutes; work on Board of Directors meeting agenda	
03/19/14	Trey Lary	Work on pending items	0.25
03/19/14	Erin McGibbon	Make attorney revisions to the meeting minutes	1.00
03/20/14	Karen Anderson	Forward agenda for website posting; prepare correspondence and posting documents for City Hall postings; sort and distribute agenda	1.00
03/20/14	Jessica Holoubek	Work on Board of Directors meeting agenda	0.25
03/21/14	Jessica Holoubek	Discuss employee evaluation with board chair	0.25
03/21/14	Trey Lary	Work with Jessica Holoubek on action items and current projects	0.25
03/24/14	Kristen Hogan	Prepare for Board meeting	0.50
03/25/14	Kristen Hogan	Travel to and attend Board meeting. Review meeting file; seal documents approved by the Board at the meeting; disburse documents for filing.	4.00
03/25/14	Jessica Holoubek	Attend Board of Directors meeting; follow up regarding the same	4.00
03/25/14	Trey Lary	Conference with city staff to discuss and work on various TIRZ projects, action items, CIP and budget; follow up with Jessica Holoubek regarding same	1.75
03/26/14	Kristen Hogan	Receive and review Authority correspondence and forward as appropriate	0.25
03/26/14	Trey Lary	Work with Jessica Holoubek on action items	0.25
03/28/14	Kristen Hogan	Coordinate Board execution of documents.	0.25
03/28/14	Jessica Holoubek	Finalize executive director employment letter; follow up with Bob Tucker regarding Board of Directors meeting agenda questions	0.25
03/31/14	Kristen Hogan	Work on pending Authority matters.	0.25
03/31/14	Jessica Holoubek	Review e-siteful proposal and follow up regarding the same.	0.25
04/01/14	Janelle N. Hedges	Review, sort, and add documents into district records in accordance with Records Management Act and Authority's Records Management Policy	0.75
04/01/14	Kristen Hogan	Work on pending matters	0.25
04/02/14	Karen Anderson	Receive and review posting certificate regarding March 25, 2014 City of Houston posting of agenda; check calendar to verify notice of meeting was posted in accordance with the Open Meeting Act	0.25
04/02/14	Kristen Hogan	Forward documents to Director Hamilton for employee evaluation meeting	0.25
04/03/14	Janelle N. Hedges	Research and forward Special Warranty Deed as requested by attorney	0.25
04/03/14	Beth King	Locate and forward document requested by attorney	0.25
04/07/14	Jessica Holoubek	Prepare eSiteful services agreement	0.50
04/10/14	Karen Anderson	Update Authority files in accordance with the Records Management Act and in accordance with the Authority's Records Management Policy	0.25
04/10/14	Jessica Holoubek	Discuss committee appointments with Don Huml	0.25

04/11/14	Kristen Hogan	Receive and review Authority correspondence and forward as appropriate	0.25
04/15/14	Jessica Holoubek	Follow up regarding e-siteful contract	0.25
04/16/14	Jessica Holoubek	Discuss SEP contributions with Authority bookkeeper	0.25
04/21/14	Kristen Hogan	Review notes and handouts from previous meeting and draft, proof and revise minutes. Review Meeting Calendar and minutes and prepare draft agenda for next meeting	1.50
04/21/14	Jessica Holoubek	Review, revise and finalize Board of Directors meeting minutes and agenda	0.75
04/22/14	Kristen Hogan	Make attorney revisions to Minutes of previous meeting and forward to Chair and Executive Director; prepare execution copy	0.25
04/22/14	Jessica Holoubek	Follow up regarding Board of Directors meeting agenda	0.25
04/24/14	Karen Anderson	Forward agenda for website posting; prepare correspondence and posting documents for City Hall postings; sort and distribute agenda	1.00
04/24/14	Kristen Hogan	Correspond with auditors regarding engagement letters. Correspond with Don Huml regarding final agenda and Board packet	0.25
04/24/14	Jessica Holoubek	Finalize and execute Board of Directors meeting agenda; follow up with Don Huml	0.50
04/25/14	Kristen Hogan	Receive and review Authority correspondence and forward as appropriate	0.25
04/28/14	Jane H. Miller	Correspondence regarding additional work order for Board president signature	0.25
04/29/14	Jessica Holoubek	Prepare for, travel to, attend and follow up from Board of Directors meeting	4.00
04/29/14	Beth King	Review, sort, and add documents into district records in accordance with Records Management Act and District's Records Management Policy	0.25
04/29/14	Trey Lary	Follow up from Board meeting	0.25
04/29/14	Jane H. Miller	Travel to, attend and report April Board meeting	4.00
05/01/14	Karen Anderson	Update Authority files in accordance with the Records Management Act and in accordance with the Authority's Records Management Policy	0.25
05/01/14	Jessica Holoubek	Follow up regarding Board of Directors meeting	0.25
05/02/14	Jessica Holoubek	Work on e-siteful agreement	0.25
05/05/14	Lori Taylor	Review and sort documents for addition into district records in accordance with Records Management Act and District's Records Management Policy; document research.	0.25
05/08/14	Janelle N. Hedges	Research and forward Agreement for Maintenance of Enhanced Medians as requested by attorney	0.25
05/08/14	Jessica Holoubek	Telephone conference with Ann Givens	0.25
<i>Total Task Hours:</i>			44.25
<i>Total Task Amount:</i>			\$13,361.11

Public Information Requests

03/28/14	Jessica Holoubek	Research regarding open records request	0.25
			<i>Total Task Hours:</i> 0.25
			<i>Total Task Amount:</i> \$102.50
			Total Fees: \$13,463.61

Expenses and Other Items

Expenses and Other Items posted through May 09, 2014, as follows:

03/05/14	KH	Mileage expense	12.43
03/12/14	KH	Photocopy Charges	0.45
03/12/14	KH	Photocopy Charges	0.90
03/12/14	KH	Postage	1.40
03/12/14	KH	Photocopy Charges	0.90
03/12/14	KH	Photocopy Charges	1.20
03/12/14	KH	Photocopy Charges	0.45
03/12/14	KH	Photocopy Charges	0.30
03/13/14	KH	Photocopy Charges	0.45
03/14/14		Photocopy Charges	6.60
03/14/14		Photocopy Charges	8.40
03/14/14	KH	Courier charges: Stewart Title	48.02
03/14/14	KH	Courier charges: Thompson & Knight	19.98
03/14/14	KH	Courier charges: City of Houston to Allen Boone Humphries Robinson	19.98
03/14/14	KH	Photocopy Charges	0.30
03/14/14	KH	Photocopy Charges	0.30
03/14/14	KH	Photocopy Charges	5.40
03/14/14	KH	Photocopy Charges	5.40
03/14/14	KH	Photocopy Charges	0.60
03/14/14	KH	Photocopy Charges	0.60
03/14/14	KH	Photocopy Charges	5.40
03/14/14	KH	Federal Express: Boyar Miller	15.55
03/20/14	KH	Photocopy Charges	0.15
03/20/14	KH	Courier charges: City Secretary's Office	10.50
03/20/14	KH	Photocopy Charges	0.30
03/24/14	KH	Photocopy Charges	1.80
03/24/14	KH	Photocopy Charges	7.20
03/25/14	KH	Photocopy Charges	2.10
03/25/14	KH	Photocopy Charges	1.35
03/25/14	KH	Mileage expense	12.43
03/25/14	KH	Photocopy Charges	0.30
03/25/14	KH	Mileage expense	12.43
03/28/14	KH	Photocopy Charges	1.80
03/28/14	KH	Photocopy Charges	2.40

03/28/14	KH	Photocopy Charges	0.90
03/28/14	KH	Photocopy Charges	0.45
03/28/14	KH	Photocopy Charges	0.90
03/28/14	KH	Photocopy Charges	4.20
03/28/14	KH	Federal Express; Boyar & Miller	19.05
03/28/14	KH	Photocopy Charges	7.65
03/28/14	KH	Courier charges: Huml Residence	30.75
03/28/14	KH	Courier charges; Huml Residence to Allen Boone Humphries Robinson	30.75
03/28/14	KH	Courier charges: Huml Residence to Don Huml	33.75
03/31/14	KH	Courier charges: Fidelis Realty Partners to Allen Boone Humphries Robinson	17.00
03/31/14	KH	Courier charges: Fidelis Realty Partners	17.00
04/01/14	KH	Courier charges: Midway Co	40.32
04/02/14	KH	Federal Express: Binkley & Barfield Inc	20.30
04/24/14	KH	Photocopy Charges	0.15
04/24/14	KH	Photocopy Charges	0.45
04/24/14	KH	Courier charges; City Secretary's Office	10.50
04/24/14	KH	Photocopy Charges	0.60
04/27/14	KH	Photocopy Charges	0.30
04/29/14	KH	Mileage expense	12.43
05/01/14	KH	Photocopy Charges	0.60
05/05/14	KH	Photocopy Charges	0.45
05/05/14	KH	Photocopy Charges	0.60
05/05/14	KH	Photocopy Charges	0.45
05/05/14	KH	Photocopy Charges	0.15
05/07/14	KH	Postage	1.82

Total Expenses and Other Items: 459.29

TASK FEE BREAKDOWN

	<u>Hours</u>	<u>Amount</u>
General	44.25	13,361.11
Public Information Requests	0.25	102.50

Total Fees: \$13,463.61

Total Expenses and Other Items: \$459.29

Total Amount Due: \$13,922.90

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ALLEN BOONE HUMPHRIES ROBINSON LLP

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May 19, 2014

MEMORIAL CITY REDEVELOPMENT AUTHORITY

	Client/Matter:	MEM001-03
	Statement Number:	66791
Projects	Billing Attorney:	Trey Lary

REMITTANCE PAGE

Fees for services posted through May 09, 2014	51,528.75
Expenses and Other Items posted through May 09, 2014	85.59
Total Amount Due:	\$51,614.34

Don Huml: Executive Director

Reviewed: 

Date: 05-20-14

Code: 7000

Amount: \$51,614.34

Please return this page with your payment to the remittance address below:

Allen Boone Humphries Robinson LLP
PO Box 4346
Department 90
Houston, TX 77210-4346

*Checks should be made payable to Allen Boone Humphries Robinson LLP
Please include the invoice number on your check
Total ammount payable in U.S.dollars*

ABHR

ALLEN BOONE HUMPHRIES ROBINSON LLP

Taxpayer ID 74-3091731

May 19, 2014

MEMORIAL CITY REDEVELOPMENT AUTHORITY

Ms. Michelle Lofton
ETI Bookkeeping Services
17111 Rolling Creek Drive, Suite 108
Houston, TX 77090

Client/Matter: MEM001-03
Statement Number 66791
Billing Attorney: Trey Lary

Projects

Professional Fees

Fees for services posted through May 09, 2014, as follows:

<u>Date</u>	<u>Professional</u>		<u>Hours</u>
<u>Barryknoll East Drainage - 1715A</u>			
03/31/14	Jessica Holoubek	Receive and review various email correspondence regarding payment bond claim and follow up regarding the same	0.25
			<i>Total Task Hours:</i> 0.25
			<i>Total Task Amount:</i> \$102.50
<u>Conrad Saur detention pond</u>			
04/30/14	Jessica Holoubek	Telephone conference with Bob Colins regarding Development Agreement with Metro National; telephone conference with Don Huml regarding the same	1.00
05/01/14	Jessica Holoubek	(move to conrad sauer task code) telephone conference with Don Huml; telephone conference with Bob Collins regarding Development Agreement	0.75
			<i>Total Task Hours:</i> 1.75
			<i>Total Task Amount:</i> \$717.50
<u>Detention Basin & W-140 Bridge - 1731A</u>			
03/27/14	Jessica Holoubek	Work on email correspondence to adjacent property owner regarding connection to detention pond	0.50
03/28/14	Jessica Holoubek	Discuss email to landowner regarding post closing agreement obligations with Don Huml	0.25
03/31/14	Jessica Holoubek	Final offer letters to purchase property	0.75
04/01/14	Jessica Holoubek	Work on purchase offer letters for detention land	0.25
04/03/14	Jessica Holoubek	Follow up with Don Huml regarding conveyance of detention pond	0.25
04/07/14	Jessica Holoubek	Review email correspondence and discuss irrigation meter	0.25

code to 6320

6320
DH

Allen Boone Humphries Robinson LLP

May 19, 2014

installation with Don Huml

Total Task Hours: 2.25
Total Task Amount: \$922.50

Lumpkin I-10 Westview - 1709

03/10/14	Jessica Holoubek	Work on HCC agreement	0.25
03/19/14	Jessica Holoubek	Work on letter of intent for property exchange	0.75
03/21/14	Jessica Holoubek	Work on Home Depot purchase and sale agreement	0.25
03/24/14	Jessica Holoubek	Work with Ann Newtown regarding purchase and sale agreement for Home Depot tract	0.75
03/26/14	Jessica Holoubek	Work on ROW acquisition matters; work with HCC attorney	1.00
04/04/14	Jessica Holoubek	Work on property acquisition matters; prepare checklist for Don Huml; follow up with Briley Enterprises; work on Home Depot PSA	1.75
04/07/14	Jessica Holoubek	Telephone conference with Don Huml and Muhammad Ali regarding property acquisition; follow up with Ralph De Leon	0.75
04/08/14	Jessica Holoubek	Telephone conference with Mary Buzak regarding conveyance of right-of-way	0.25
04/09/14	Jessica Holoubek	Follow up with Home Depot attorney regarding purchase agreement	0.25
04/10/14	Jessica Holoubek	Discuss HCC seating area maintenance with Don Huml and Muhammad Ali	0.25
04/16/14	Jessica Holoubek	Telephone conference with Don Huml and Muhammad Ali regarding property acquisition and maintenance of improvements	0.50
04/16/14	Sarah A. Shannon	Attention to review of Parcel AY2014-024 map and email correspondence to engineer regarding abstractor certificate for same.	0.50
04/17/14	Jessica Holoubek	Work on property acquisition matters	0.50
04/23/14	Jessica Holoubek	Telephone conference with Don Huml and Muhammad Ali regarding property acquisition matters	0.50
04/30/14	Jessica Holoubek	Telephone conference with Don Huml and Muhammad Ali regarding right-of-way acquisition	0.50
05/02/14	Jessica Holoubek	Work on easement dedication from Centerpoint	0.50

Total Task Hours: 9.25
Total Task Amount: \$3,700.00

Parks & Green Space Improv. - 1725

03/27/14	Jessica Holoubek	Telephone conference with Don Huml regarding SWA task order	0.25
04/02/14	Jessica Holoubek	Attend working group meeting to discuss design standards	1.25
04/07/14	Jessica Holoubek	Work on SWA task order	0.25
04/10/14	Jessica Holoubek	Discuss revisions to SWA work authorization No. 6 with Memorial City Management District executive director	0.25
04/28/14	Jessica Holoubek	Discuss SWA task order 6 with Don Huml	0.25

Total Task Hours: 2.25

			<i>Total Task Amount:</i>	\$922.50
<u>Town & Country W. Drain/Mobil - 1717</u>				
03/10/14	Jessica Holoubek	Work on draft of Development Agreement; telephone conference with Don Huml; telephone conference with Mary Buzak		4.50
03/11/14	Jessica Holoubek	Work on acquisition of right of way and development agreement		3.00
03/11/14	Trey Lary	Conference with Jessica Holoubek and work on Development Agreement		0.25
03/12/14	Jessica Holoubek	Work on real estate acquisition and development agreement		4.25
03/12/14	Anne Newtown	Review and revise special warranty deed; various telephone conferences with Jessica Holoubek regarding closing matters; review and revise PSA; review closing statement and title company documents; review updated Phase I ESA.		5.00
03/13/14	Jessica Holoubek	Work on real estate acquisition and development agreement		5.75
03/13/14	Trey Lary	Work on closing/property acquisition		0.50
03/13/14	Anne Newtown	Correspondence with Jessica Holoubek regarding CityPoint; review and revise deed; review and assemble closing documents; various correspondence and telephone conferences with title company and Jessica Holoubek; draft closing instruction letter.		4.50
03/14/14	Jessica Holoubek	Work on real estate acquisition and development agreement		6.00
03/14/14	Trey Lary	Work on closing of right of way		0.25
03/14/14	Jane H. Miller	Witness documents signed by Ann Givens		0.25
03/14/14	Anne Newtown	Conference with Jessica Holoubek regarding closing package.		0.50
03/14/14	Sarah A. Shannon	Attention to email correspondence to Patrick Hayes regarding CityPoint Deed.		0.25
03/20/14	Jessica Holoubek	Work on letter of intent		0.25
03/21/14	Jessica Holoubek	Work on letter of intent for land exchange		1.00
03/21/14	Trey Lary	Work with Jessica Holoubek on land acquisition and land swap		0.25
03/21/14	Anne Newtown	Conference with Jessica Holoubek regarding Midway swap and Home Depot PSA; review and comment on proposed LOI for swap; work on draft of Home Depot PSA.		5.25
03/24/14	Jessica Holoubek	Telephone conference with Don Huml, Muhammad Ali and Cassie Stinson; work on letter of intent		2.00
03/24/14	Anne Newtown	Review and revise PSA for Home Depot tract; correspondence with Jessica Holoubek regarding same; review Phase I and Phase II.		3.00
03/26/14	Jessica Holoubek	Work on letter of intent		0.25
03/26/14	Anne Newtown	Review CityPoint PSA; telephone conference with Cassie Stinson regarding same.		1.25
03/28/14	Kristen Hogan	Compile originals of executed letter of intent; phone conference with seller regarding same.		0.25
03/28/14	Jessica Holoubek	Finanlize files in connection with property acquisition		0.75
03/28/14	Anne Newtown	Work on Midway conveyance.		0.50
03/31/14	Kristen Hogan	Send fully executed letters of intent to seller.		0.25

03/31/14	Jessica Holoubek	Research regarding use of property used as park space	0.50
04/02/14	Jessica Holoubek	Work with Anne Newtown regarding exchange agreement	0.25
04/02/14	Anne Newtown	Correspondence regarding draft of exchange agreement.	0.50
04/03/14	Jessica Holoubek	Discuss tract C survey with Muhammad Ali	0.25
04/03/14	Anne Newtown	Begin drafting Exchange Agreement	2.00
04/04/14	Jessica Holoubek	Work on exchange agreement with Anne Newtown	0.50
04/04/14	Anne Newtown	Telephone call to Cassie Stinson regarding Exchange Agreement; continue drafting same.	8.00
04/05/14	Anne Newtown	Continue work on exchange agreement for Town & Country Way ROW.	6.00
04/07/14	Jessica Holoubek	Review exchange agreement; work with Anne Newtown; discuss same with Muhammad Ali and Don Huml	1.00
04/07/14	Anne Newtown	Conference with Jessica Holoubek regarding exchange agreement; review and revise same.	6.50
04/08/14	Jessica Holoubek	Review Temporary Occupancy Agreement and follow up regarding the same	0.75
04/09/14	Jessica Holoubek	Work on exchange agreement matters	0.25
04/14/14	Jessica Holoubek	Telephone conference with Don Huml regarding assignment of land seller utility allocation	0.25
04/14/14	Anne Newtown	Review material from engineer regarding configuration of exchange parcels.	0.50
04/15/14	Trey Lary	Discuss project with Andy Icken and follow up	0.25
04/15/14	Anne Newtown	Review various correspondence regarding configuration of proposed ROW; correspondence with surveyor regarding same.	1.00
04/17/14	Jessica Holoubek	Telephone conference with seller's counsel regarding exchange agreement	0.50
04/17/14	Anne Newtown	Conference with Sarah Shannon regarding Lumpkin tracts; telephone conference with Jessica Holoubek regarding CityPoint exchange agreement.	0.50
04/21/14	Anne Newtown	Review proposed revisions to Exchange Agreement; preliminary review of revised metes and bounds of Tracts A, B, and C.	1.75
04/22/14	Anne Newtown	Work on descriptions of exchange tracts.	1.50
04/29/14	Anne Newtown	Review revisions to exchange agreement; review draft metes and bounds descriptions of tracts; memo to Jessica Holoubek regarding outstanding issues; begin revision of Exchange Agreement.	3.00
04/30/14	Jessica Holoubek	Telephone conference with Muhammad Ali and Don Huml regarding property exchange; review revised exchange agreement and discuss same with Anne Newtown with the Firm	0.75
04/30/14	Anne Newtown	Continue review of exchange agreement; review surveys and metes and bounds descriptions; correspondence with Muhammad Ali regarding same.	2.00
05/01/14	Anne Newtown	Forward survey of Zapata tract to counsel for Midway; begin review and revision of Exchange Agreement; telephone conference with Cassie Stinson regarding exchange	1.00

		agreement.	
05/02/14	Jessica Holoubek	Work on exchange agreement and telephone conference with Muhammad Ali	0.75
05/02/14	Anne Newtown	Conference with Jessica Holoubek regarding proposed revisions to Exchange Agreement.	4.00
05/05/14	Anne Newtown	Correspondence and telephone conference with Jessica Holoubek regarding pending exchange; review Phase I.	2.00
05/06/14	Jessica Holoubek	Work on temporary occupancy agreement	0.50
05/06/14	Anne Newtown	Telephone conference with Jessica Holoubek regarding PSA revisions and Phase I ESA; circulate PSA.	0.75
<i>Total Task Hours:</i>			97.50
<i>Total Task Amount:</i>			\$44,141.25

Town & Country Blv Signalization - 1722

03/10/14	Anne Newtown	Review updated title commitment and exception documents for CityPoint tract; memo to Jessica Holoubek regarding same.	1.00
03/11/14	Anne Newtown	Review survey; various correspondence with Jessica Holoubek regarding same.	1.00
<i>Total Task Hours:</i>			2.00
<i>Total Task Amount:</i>			\$960.00

W140 Channel Improvements - 1734

03/14/14	Kristen Hogan	Receive executed design proposals from City of Houston and forward originals to Gary Struzick and Don Huml and for Authority records	0.25
<i>Total Task Hours:</i>			0.25
<i>Total Task Amount:</i>			\$62.50
Total Fees:			\$51,528.75

Expenses and Other Items

Expenses and Other Items posted through May 09, 2014, as follows:

03/14/14	KH	Photocopy Charges	3.60
03/14/14	KH	Photocopy Charges	0.15
03/14/14	KH	Postage	3.64
03/28/14	KH	Photocopy Charges	4.95
03/28/14	KH	Photocopy Charges	3.60
03/28/14	KH	Photocopy Charges	0.45
03/28/14	KH	Federal Express: City of Houston	15.55
03/28/14	KH	Photocopy Charges	0.30
03/31/14	KH	Federal Express: Boyar Miller	53.35
Total Expenses and Other Items:			85.59

TASK FEE BREAKDOWN

	<u>Hours</u>	<u>Amount</u>
Barryknoll East Drainage -	0.25	102.50

1715A		
Conrad Saur detention pond	1.75	717.50
Detention Basin & W-140 Bridge - 1731A	2.25	922.50
Lumpkin I-10 Westview - 1709	9.25	3,700.00
Parks & Green Space Improv. - 1725	2.25	922.50
Town & Country W. Drain/Mobil - 1717	97.50	44,141.25
Town & Country Blv Signalization - 1722	2.00	960.00
W140 Channel Improvements - 1734	0.25	62.50

Total Fees:	\$51,528.75
Total Expenses and Other Items:	\$85.59
Total Amount Due:	\$51,614.34

TIRZ 17 Redevelopment Authority
 Engineering and Program Management Services
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

May 20, 2014
 Invoice No: 00096
 Project Number: 120-10308-000 & 130-10384-000


Attention: Mr. Don Huml

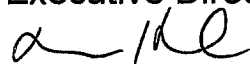
Engineering services through 1/31/14 in connection with the
 TIRZ 17 Redevelopment Authority

Account Number	This Invoice	Previously Invoiced	Total To Date
TASK 6 6.0 Drainage	\$ -	\$ 1,567,804.15	\$ 1,567,804.15
6.1 Briar Branch	\$ -	\$ 127,372.04	\$ 127,372.04
6.2 Queensbury Stom Sewer Improvements	\$ -	\$ 238,879.34	\$ 238,879.34
6.3 Rummel Creek	\$ -	\$ 68,270.45	\$ 68,270.45
6.4 Drainage Action Plan	\$ -	\$ 47,075.36	\$ 47,075.36
6.5 Regional Drainage Study Refer to Attachment 6	\$ -	\$ 1,086,206.96	\$ 1,086,206.96
TASK 9 9.0 1712 Bunker Hill South Refer to Attachment 9	\$ -	\$ 26,323.75	\$ 26,323.75
TASK 10 10.0 1732A North Gessner Thoroughfare Refer to Attachment 10	\$ -	\$ 910,412.25	\$ 910,412.25
TASK 11 11.0 1722 Town & Country Drainage & Mobilization Refer to Attachment 11	\$ -	\$ 266,123.32	\$ 266,123.32
TASK 12 12.0 1715A Barryknoll East Refer to Attachment 12	\$ 7,548.00	\$ 1,968,463.73	\$ 1,976,011.73
TASK 14 14.0 1709 Lumpkin Refer to Attachment 14	\$ -	\$ 615,422.73	\$ 615,422.73
TASK 15 15.0 1718 Kimberley Lane Drainage & Roadway Refer to Attachment 15.0	\$ -	\$ 721,082.36	\$ 721,082.36
15.1 1718 Kimberley Lane Construction Services Refer to Attachment 15.1	\$ -	\$ 680,943.31	\$ 680,943.31
TASK 19 19.0 1714 Frostwood and Kingsride Refer to Attachment 19	\$ -	\$ 46,410.93	\$ 46,410.93
TASK 22 22.0 1731A Drainage Remediation Project (W140 Detention) Refer to Attachment 22	\$ 18,211.91	\$ 906,224.86	\$ 924,436.77
TASK 25 25.0 1734 W140 Channel Improvement Refer to Attachment 25	\$ -	\$ 498,408.34	\$ 498,408.34
TASK 26 26.0 1715B Barryknoll West Refer to Attachment 26	\$ -	\$ 39,242.14	\$ 39,242.14
TASK 27 27.0 6343 General Administration Refer to Attachment 27	\$ -	\$ 12,296.46	\$ 12,296.46
TASK 28 28.0 1733A North Witte Drainage & Mobility Refer to Attachment 27	\$ -	\$ 29,142.86	\$ 29,142.86

TOTAL \$ 25,759.91 \$ 11,278,925.57 \$ 11,304,685.48

TOTAL DUE THIS INVOICE: \$ 25,759.91

Certification by Firm: 
 Project Manager

Date: 5/20/2014
 Don Huml: Executive Director
 Reviewed: 
 Date: 05-20-2014
 Code: 7000
 Amount: \$ 25,759.91

TIRZ 17 Redevelopment Authority
 Engineering and Program Management Services
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

April 21, 2014
 Invoice No: 00095
 Project Number: 130-10384-005

Attention: Mr. Don Huml

ATTACHMENT 12.0
Task 12.0
Barryknoll East

Task #	Description	Authorized Amount	Remaining Contract Amount	This Invoice	Previously Invoiced	Total to Date
	<u>Program Management</u>			\$ -	\$ 540,906.30	\$ 540,906.30
12.0.0	Barryknoll East Program Management			\$ -	\$ 540,906.30	\$ 540,906.30
	<u>PER Services (12.0.0 to 12.0.8)</u>			\$ -	\$ 279,670.50	\$ 279,670.50
	<u>Design Services</u>			\$ -	\$ 599,483.23	\$ 599,483.23
12.1.0	Barryknoll Ph II - Design			\$ -	\$ 599,483.23	\$ 599,483.23
	<u>Construction Services</u>	\$ 365,416.00	\$ 3,498.82	\$ 3,385.00	\$ 358,532.18	\$ 361,917.18
12.2.0	Barryknoll Ph III - CPS and CM & I Services (Lump Sum)			\$ 3,385.00	\$ 358,532.18	\$ 361,917.18
	<u>Additional Services</u>			\$ 4,163.00	\$ 189,871.52	\$ 194,034.52
12.0.9	Barryknoll Ph I PER - Survey			\$ -	\$ 25,326.00	\$ 25,326.00
12.0.10	Barryknoll - Geotech			\$ -	\$ 30,525.96	\$ 30,525.96
12.0.11	Barryknoll - C.N. Koehl - Urban Forestry			\$ -	\$ 4,091.85	\$ 4,091.85
12.0.12	Barryknoll - Traffic Counts - CJ Hensch			\$ -	\$ 5,670.00	\$ 5,670.00
12.1.4	Barryknoll - Ph II C.N. Koehl			\$ -	\$ 3,510.00	\$ 3,510.00
12.1.5	Barryknoll - Ph II Chief Solutions			\$ -	\$ 6,758.15	\$ 6,758.15
12.1.6	Barryknoll - Ph II Western Group			\$ -	\$ 1,725.84	\$ 1,725.84
12.1.7	Barryknoll - CMT - Geotech	\$ 128,580.00	\$ 12,153.28	\$ 4,163.00	\$ 112,263.72	\$ 116,426.72
	TOTAL TASKS			\$ 7,548.00	\$ 1,968,463.73	\$ 1,976,011.73

TIRZ 17
820 Gessner, Suite 1530
Houston, Texas 77024

May 20, 2014
Project No.: 130-10384-005
Invoice No: 96

Project 130-10384-005 MCRA - Program Management Services

Professional services through May 9, 2014

Task 12.1.7 Barryknoll - CMT - Geotech

Consultants				
Geotech			3,854.63	
Total Consultants	1.08 times		3,854.63	4,163.00
Total for this Task			\$	4,163.00

Unpaid balances over 30 days are subject to a 1% per month Finance Charge.

INVOICE NO.: 96
 INVOICE DATE: May 20, 2014
 INVOICE DATE FROM: April 12, 2014

PROJECT NO.: 130-10384-005
 TASK NO.: 12.1.7 Barryknoll CMT - Geotech
 INVOICE DATE TO: May 9, 2014

SUBCONSULTANTS:

<u>Item</u>	<u>Qty.</u>	<u>Unit Rate</u>	<u>Multiplier</u>	<u>Expenses</u>	<u>Amount</u>	
Geotech	1.00	x \$ 2,109.75	x 1.00	+ 0.00	= \$ 2,109.75	Invoice No. 13-2041C.10-CM9277
Geotech	1.00	x \$ 1,744.88	x 1.00	+ 0.00	= \$ 1,744.88	Invoice No. 13-2041C.11-CM9312
Subconsultant Total:					<u>\$ 3,854.63</u>	

Subtotal for this task: \$ 3,854.63
 Mark up: x 1.08
Total due this task: \$ 4,163.00

RECEIVED

JAN 02 2014



ACCREDITED
CERTIFICATE #0075-01
#0075-02



GEOTECH ENGINEERING and TESTING

Geotechnical • Environmental • Construction Materials • Forensic Engineering (Firm PE # F-1183)
800 Victoria Drive • Houston, Texas 77022-2908 • Tel.: 713-699-4000 • Fax: 713-699-9200 • Website: www.geotecheng.com.

INVOICE

FROM 11-21-13 TO 12-20-13

Please show invoice number on your remittance

TO: LAN 2925 Briarpark Drive, Ste. 400 Houston, Texas 77042	INVOICE NO. 13-2041C.10-CM9277
ATTENTION: Ms. Briyllda G. Santena	INVOICE DATE 12/20/2013
PROJECT: Barryknoll Lane Roadway and Drainage Improvements Memorial City Redevelopment Authority, Houston, Texas	REPORTS: 131-134
	PHONE NO.: 713-266-6900
	FAX NO.: 713-266-6900

E-MAIL: playlor@lan-inc.com

DATE	REPORTING NO.	DESCRIPTION	TECHN.	RUN RATE	UNIT MEASURE	QUANTITY	AMOUNT
12/12/2013	131	P/U Sample	Kris	\$ 50.00	hour	4	\$ 200.00
		Proctor		\$ 175.00	each	1	\$ 175.00
		Atterburg Limits		\$ 53.00	each	1	\$ 53.00
		# 200 Sieve		\$ 41.00	each	1	\$ 41.00
		Transporation		\$ 7.50	hour	4	\$ 30.00
12/12/2013	132	P/U Sample	Robert R.	\$ 50.00	hour	6.5	\$ 325.00
		Proctor		\$ 175.00	each	1	\$ 175.00
		Atterburg Limits		\$ 53.00	each	1	\$ 53.00
		# 200 Sieve		\$ 41.00	each	1	\$ 41.00
		Transporation		\$ 7.50	hour	6.5	\$ 48.75
12/18/2013	133	FOC	Robert C.	\$ 50.00	hour	7	\$ 350.00
		Compressive Strength		\$ 15.00	each	5	\$ 75.00
		Transporation		\$ 7.50	hour	7	\$ 52.50
12/19/2013	134	P/U Cylinders	Robert C.	\$ 50.00	hour	3	\$ 150.00
		Transporation		\$ 7.50	hour	3	\$ 22.50
		Senior Engineer Report Review		\$ 123.00	hour	2	\$ 246.00
		Technical Typing		\$ 36.00	hour	2	\$ 72.00
						Total	\$ 2,109.75

Budget: \$119,058.00
Amount Billed to Date: \$66,231.39
Remaining: \$52,826.61

APPROVED FOR PAYMENT

Posting Payment For:

LAN Invoice No. 96
Project No. 13010384-005-131
Signed By: [Signature]
Date: 5/9/2014



GEOTECH ENGINEERING and TESTING

ACCREDITED
CERTIFICATE #0075-01
#0075-02

Geotechnical • Environmental • Construction Materials • Forensic Engineering (Firm PE # F-1183)
800 Victoria Drive • Houston, Texas 77022-2908 • Tel.: 713-699-4000 • Fax: 713-699-9200 • Website: www.geotecheng.com.

INVOICE

FROM 12-21-13 TO 01-20-14

Please show invoice number on your remittance

TO: LAN
2925 Briarpark Drive, Ste. 400
Houston, Texas 77042

RECEIVED

FEB 04 2014

INVOICE NO.13-2041C.11-CM9312

INVOICE DATE 1/20/2014

ATTENTION: Ms. Brylyda G. Santana

REPORTS: 135-139

PROJECT: Barryknoll Lane Roadway and Drainage Improvements Memorial City Redevelopment
Authority, Houston, Texas

PHONE NO.: 713-266-6900

FAX NO.: 713-266-6900

E-MAIL: pltaylor@lan-inc.com

DATE	REPORTING	DESCRIPTION	TECH	UNIT RATE	UNIT MEASURE	QUANTITY	AMOUNT
12/23/2013	135	FDT/Gradallons	Kris	\$ 50.00	hour	4	\$ 200.00
		Nuclear Gauge		\$ 9.00	hour	4	\$ 36.00
		Transporation		\$ 7.50	hour	4	\$ 30.00
1/7/2014	136	FOC	Robert C.	\$ 50.00	hour	4.25	\$ 212.50
		Compressive Strength		\$ 15.00	each	6	\$ 90.00
		Transporation		\$ 7.50	hour	4.25	\$ 31.88
1/13/2014	137	FDT	Ayo	\$ 50.00	hour	5.5	\$ 275.00
		Nuclear Gauge		\$ 9.00	hour	5.5	\$ 49.50
		Transporation		\$ 7.50	hour	5.5	\$ 41.25
1/15/2014	138	FOC	Ahmad	\$ 50.00	hour	5	\$ 250.00
		Compressive Strength		\$ 15.00	each	8	\$ 120.00
		Transporation		\$ 7.50	hour	5	\$ 37.50
1/16/2014	139	P/U Cylinders	Robert C.	\$ 50.00	hour	3	\$ 150.00
		Transporation		\$ 7.50	hour	3	\$ 22.50
		Senior Engineer Report Review		\$ 123.00	hour	1.25	\$ 153.75
		Technical Typing		\$ 36.00	hour	1.25	\$ 45.00
						Total	\$ 1,744.88

Legend:

*Overtime Rate
FOC - Field Observation Concrete
FDT - Field Density Testing

Budget: \$119,058.00
Amount Billed to Date: \$87,976.27
Remaining: \$51,081.73

Remit To: DAE & ASSOCIATES, LTD
dba GEOTECH ENGINEERING AND TESTING
800 VICTORIA DRIVE
Houston, Texas 77022-2908
(713) 699-4000

APPROVED FOR PAYMENT

Pending Payment For

LAN Invoice No. 96
Project No. 130-10384-005-131

Signed By: rcb

Date: 5/9/2014

*Please show Invoice number on your remittance.

THANK YOU, WE APPRECIATE YOUR BUSINESS!

Our letters and reports are for the exclusive use of the client to whom they are addressed. The use of our name must receive our prior written approval. Our letters and reports apply only to the sample tested and/or inspected and are not necessarily indicative of the quantities of apparently identical or similar products.

TIRZ 17 Redevelopment Authority
 Engineering and Program Management Services
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

April 21, 2014
 Invoice No: 00095
 Project Number: 130-10384-011

Attention: Mr. Don Huml

ATTACHMENT 22.0
Task 22.0
Drainage Remediation Project - Detention (W140 Detention Basin)

Task #	Description	Authorized Amount	Remaining Contract Amount	This Invoice	Previously Invoiced	Total to Date
	<u>Program Management</u>			\$ -	\$ 281,015.43	\$ 281,015.43
22.0.0	Detention - PM			\$ -	\$ 281,015.43	\$ 281,015.43
	<u>Analysis Services (22.1.0 to 22.1.1)</u>			\$ -	\$ 20,353.37	\$ 20,353.37
	<u>Study Services (22.2.0 to 22.2.4)</u>			\$ -	\$ 12,074.07	\$ 12,074.07
	<u>Additional Services</u>			\$ 1,563.44	\$ 101,229.40	\$ 102,792.84
22.3.1	Detention - Survey (Kuo & Associates)			\$ -	\$ 14,263.36	\$ 14,263.36
22.3.2	Detention - Geotech (Geotest)			\$ -	\$ 24,984.72	\$ 24,984.72
22.3.3	Detention - ESA Phase I & II			\$ -	\$ 12,151.17	\$ 12,151.17
22.3.4	Detention - Landscape Architect (Clark Condon)			\$ -	\$ 25,360.91	\$ 25,360.91
22.3.5	Detention - Environmental Analysis (Fugro)			\$ -	\$ 8,424.00	\$ 8,424.00
22.3.6	Detention - CMT- Geotech (Ph. I Construction)	\$ 6,840.00	\$ 115.92	\$ -	\$ 6,724.08	\$ 6,724.08
22.3.7	Detention Basin - Geotest (Ph. II Construction)	\$ 32,070.00	\$ 21,185.40	\$ 1,563.44	\$ 9,321.16	\$ 10,884.60
	<u>Design Services</u>			\$ -	\$ 355,722.23	\$ 355,722.23
22.4.0	Detention - Project Management (PER)			\$ -	\$ 15,886.05	\$ 15,886.05
22.4.1	Detention - Data Collection & Existing Conditions Review			\$ -	\$ 7,910.28	\$ 7,910.28
22.4.2	Detention - Alternative Analysis			\$ -	\$ 43,021.02	\$ 43,021.02
22.4.3	Detention - Hydrology & Hydraulic Modeling			\$ -	\$ 34,184.50	\$ 34,184.50
22.4.4	Detention - Preliminary Basin Layout			\$ -	\$ 7,900.00	\$ 7,900.00
22.4.5	Detention - Impact Analysis Report			\$ -	\$ 7,810.09	\$ 7,810.09
22.4.6	Detention - Preliminary Engineering Report			\$ -	\$ 18,085.24	\$ 18,085.24
22.4.7	Detention - Engineering & Technical Reviews			\$ -	\$ 27,708.52	\$ 27,708.52
22.5.0	Detention - Phase II Design			\$ -	\$ 193,216.53	\$ 193,216.53
	<u>Construction Services</u>	\$ 153,320.00	\$ 641.17	\$ 16,648.47	\$ 136,030.36	\$ 152,678.83
22.6.0	Detention Basin - CPS and CM&I Services (Ph. I & II Construction) Lump Sum			\$ 16,648.47	\$ 136,030.36	\$ 152,678.83
TOTAL TASKS				\$ 18,211.91	\$ 906,224.86	\$ 924,436.77

TIRZ 17
820 Gessner, Suite 1530
Houston, Texas 77024

May 20, 2014
Project No.: 130-10384-011
Invoice No: 96

Project 130-10384-011 MCRA - Program Management Services

Professional services through May 9, 2014

Task 22.3.7 Detention Basin - Geotest (Construction Phase Services)

Consultants

Geotest Engineering Inc

1,447.63

Total Consultants

1.08 times

1,447.63

1,563.44

Total for this Task

\$ 1,563.44

Unpaid balances over 30 days are subject to a 1% per month Finance Charge.

INVOICE NO.: 96
 INVOICE DATE: May 20, 2014
 INVOICE DATE FROM: April 12, 2014

PROJECT NO.: 130-10384-011
 TASK NO.: 22.3.7 Detention Basin - Geotest (Construction Phase Services)
 INVOICE DATE TO: May 9, 2014

SUBCONSULTANTS:

<u>Item</u>	<u>Qty.</u>	<u>Unit Rate</u>	<u>Multiplier</u>	<u>Expenses</u>	<u>Amount</u>	
Geotest Engineering Inc	1.00	x \$ 1,447.63	x 1.00	+ 0.00	= \$ 1,447.63	Invoice No. 21929
Subconsultant Total:					<u>\$ 1,447.63</u>	

Subtotal for this task: \$ 1,447.63
 Mark up: x 1.08
Total due this task: \$ 1,563.44

RECEIVED

APR 17 2014

Geotest Engineering, Inc.
Geotechnical Engineers and Materials Testing

5600 Blintiff Drive, Houston, TX 77036
 Telephone: (713) 266-0588
 Fax: (713) 266-2977

INVOICE

Name: Lockwood, Andrews & Newnam, Inc.
 Address: 2925 Briarpark Drive, Suite 400
 City, Zip: Houston, Texas 77042
 Attention: ILDInvoices@lan-inc.com
 Reference: Briar Branch (W140-01-00) Stormwater Detention Basin
 LAN Project No. 130-10384-011-128

Invoice No. 21929
 Project No. 1150245401
 Date: 1-Apr-14
 Fee Code: 2454

Authorization: Mr. Muhammad M. Ali, P.E.

TERMS: NET 10 DAYS

Date	Req	Report No(s)	Services Provided	Code	Quantity	Unit	Unit Price	Amount
03/06/2014	1	40A	Technician ACI - I, II	9.00	4.00	Hr	\$ 44.00	\$ 176.00
			Vehicle Charge	18.00	2.00	Hr	\$ 7.60	\$ 15.00
			Compressive Str. (Cylinder) (C-38)	203.00	4.00	Ea	\$ 16.00	\$ 60.00
03/07/2014		41	Technician (Non-Certified)	11.00	1.50	Hr	\$ 37.00	\$ 55.50
			Vehicle Charge	18.00	1.50	Hr	\$ 7.60	\$ 11.25
	2	42	Technician (Non-Certified)	11.00	1.50	Hr	\$ 37.00	\$ 55.50
			Vehicle Charge	18.00	1.50	Hr	\$ 7.60	\$ 11.25
	3	43	Liquid & Plastic Limits (D 4318)	1001.00	1.00	Ea	\$ 53.00	\$ 53.00
			Percent Passing # 200 Sieve (D 1120)	1004.00	1.00	Ea	\$ 41.00	\$ 41.00
		OMD Standard Compaction (D 698)	1006.00	1.00	Ea	\$ 175.00	\$ 175.00	
03/15/2014	1	44, 45	Technician (Non-Certified) OT	11.50	4.50	Hr	\$ 55.50	\$ 249.75
			Vehicle Charge	18.00	4.50	Hr	\$ 7.60	\$ 33.75
	2	46	OMD Standard Compaction, Treated (D 558)	1008.00	1.00	Ea	\$ 193.00	\$ 193.00
03/18/2014	1	47, 48	Technician ACI - I, II	9.00	5.25	Hr	\$ 44.00	\$ 231.00
			Vehicle Charge	18.00	5.25	Hr	\$ 7.60	\$ 39.38
			Nuclear Density Gauge (D 6938)	1013.00	5.25	Hr	\$ 9.00	\$ 47.25
TOTAL							\$	1,447.63

Attachments: Test Reports

Billing Summary

Contract Amount		\$ 29,697.00
Amount of this Invoice	\$ 1,447.63	
Amount Billed Previously	\$ 8,630.70	
Total Billed Project to date		\$ 10,078.33
Amount Remaining in the Contract		\$ N/A
Percent Complete		N/A

APPROVED FOR PAYMENT

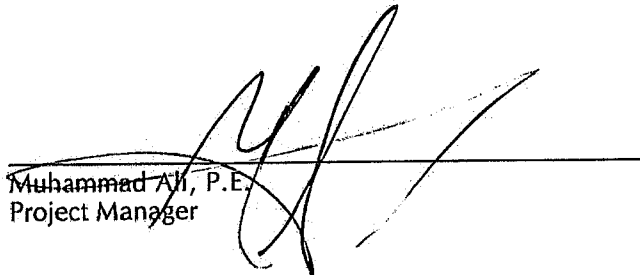
Pending Payment For

LAN Invoice No. 95
 Project No. 130.10384.011.130
 Signed By: [Signature]
 Date: 4/17/14



CERTIFICATION OF LABOR HOURS

I, Muhammad Ali, P.E., state that the following pages represent the time expended on the TIRZ 17 Redevelopment Authority during the period of April 12, 2014 through May 9, 2014. Overtime hours for professional employees are represented solely for the purpose of including them in Invoice No. 00096 at straight-time rates. Overtime hours for non-professional employees are calculated at the authorized amount.



Muhammad Ali, P.E.
Project Manager



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

PLEASE REMIT TO: Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive
Houston, Texas 77042
Attn: Accounts Receivable
713.266.6900 • Fax: 713.266.7191

Don Huml, Executive Director
Memorial City Redevelopment Authority / TIRZ 17
8955 Katy Freeway, Suite 215
Houston, Texas 77024

May 20, 2014
Invoice No: 5

**Engineering Consulting Services through May 9, 2014 in connection with
the TIRZ Redevelopment Authority**

	Project Name	Original Contract Amount	Total To Date	Previously Invoiced To Date	Current Payment Due
Authorization 1	Engineering Consulting Services	\$20,000.00	\$ 17,520.84	\$ 13,026.78	\$ 4,494.06
TOTAL		\$20,000.00	\$ 17,520.84	\$ 13,026.78	\$4,494.06

CURRENT PAYMENT DUE THIS INVOICE: \$4,494.06

Don Huml: Executive Director
Reviewed: *[Signature]*
Date: 05-20-2014
Code: 6322
Amount: \$4,494.06



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

PLEASE REMIT TO: Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, Texas 77042
Attn: Accounts Receivable
713.266.6900 • Fax: 713.266.7191

INVOICE

May 20, 2014
Invoice No: 5

Don Huml, Executive Director
Memorial City Redevelopment Authority / TIRZ 17
8955 Katy Freeway Suite 215
Houston, TX 77042

LAN Project No. 130-10384-020 Engineering Consulting Services
Professional Services through May 9, 2014

Professional Personnel

	Hours	Rate	Amount	
Ali, Muhammad	4.00	52.88	211.52	
Koyama, Takashi	1.50	33.44	50.16	
Manges, Matthew	2.00	43.27	86.54	
Ortega, Rafael	5.00	87.00	435.00	
Rief, Stephanie	.50	41.73	20.87	
Snyder, Erik	5.00	32.21	161.05	
Snyder, Erik	7.50	34.62	259.65	
St. John, Derek	3.00	66.35	199.05	
Totals	28.50		1,423.84	
Total Labor		3.15 times	1,423.84	4,485.10

Reimbursable Expenses

Travel				
3/13/2014	Ali, Muhammad	p.1 TIRZ 17 meeting	8.96	
	Total Reimbursables		8.96	8.96

Billing Limits

	Current	Prior	To-Date	
Total Billings	4,494.06	13,026.78	17,520.84	
Limit			20,000.00	
Remaining			2,479.16	
			Total this Invoice	\$4,494.06

	Current	Prior	Total
Billings to Date	4,494.06	13,026.78	17,520.84



**Lockwood, Andrews
& Newnam, Inc.**
A LEO A DALY COMPANY

PLEASE
REMIT TO: Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive
Houston, Texas 77042
Attn: Accounts Receivable
713.266.6900 • Fax: 713.266.7191

Don Huml, Executive Director
Memorial City Redevelopment Authority / TIRZ 17
8955 Katy Freeway, Suite 215
Houston, Texas 77024

May 20, 2014
Invoice No: 7

Engineering services through May 9, 2014 in connection with the TIRZ 17 Redevelopment Authority

Account No.	Project Name	Original Contract	Percent Complete	Remaining Contract Amount	Total To Date	Previously Invoiced	Current Payment Due
CIP No. T-1709	Lumpkin Roadway Improvements - Ph. II Detailed Design * See attached Authorization Log	\$708,456.00	91.18%	\$62,456.15	\$ 645,999.85	\$ 583,543.70	\$ 62,456.15
CIP No. T-1717	Town & Country West Drainage & Mobility Improvements- PER * See attached Authorization Log	\$265,806.00	95.69%	\$11,446.00	\$ 254,360.00	\$ 254,360.00	-
Total		\$974,262.00			\$ 900,359.85	\$ 837,903.70	\$ 62,456.15

CURRENT PAYMENT DUE THIS INVOICE: \$62,456.15

Don Huml: Executive Director
Reviewed: *[Signature]*
Date: 05-20-2014
Code: 7000-1709
Amount: \$62,456.15

Authorization Log

DATE: May 20, 2014

INVOICE No.: 7

CIP No. T-1709 Lumpkin Roadway Improvements

Date	Description	Authorized Amount
9/19/2013	Phase II Detailed Design	\$ 633,470.00
8/28/2013	Surveying Services - KUJO & Associates	\$ 33,660.00
8/28/2013	Geotechnical Investigation Services - Aviles	\$ 19,392.00
2/11/2014	Ph. II Environmental Site Assessment Services (Lumpkin Rd. N of Westview Dr. & Westview Detention Basin - Aviles	\$ 14,412.00
4/14/2014	Ph. I Environmental Site Assessment Services (Lumpkin Rd. from IH 10 Frontage Rd. to Westview Dr.) - Aviles	\$ 7,522.00
TOTAL		\$ 708,456.00

Authorization Log

DATE: May 20, 2014
INVOICE No.: 7

CIP No. T-1717 Town & Country West Drainage & Mobility Improvements

Date	Description	Authorized Amount
9/19/2013	Phase I Preliminary Engineering Report	\$ 254,360.00
4/17/2014	Boundary Surveying in the Town and Country Area - KUO & Associates	\$ 11,446.00
	TOTAL	\$ 265,806.00



To: Memorial City Redevelopment
 Authority/Houston TIRZ 17
 Attn: Don Hunt
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

Date: May 15, 2014
 Invoice No: 158555
 For Period: April
 Project No: RHTS301.B
 Project Manager: James Vick

Project: Memorial City WO#2 On-Call Planning

WORK PERFORMED:

Attendance at board meetings
 Attendance at regular meetings with Executive Director
Professional Services from April 01, 2014 to April 30, 2014
Professional Personnel

	Hours	Rate	Amount
Principals			
Vick, James	3.00	210.00	630.00
Total Fee Due This Invoice			630.00
			Total this Invoice \$630.00

Don Huml: Executive Director
 Reviewed: *Don Huml*
 Date: 05-20-2014
 Code: 7000-1725
 Amount: \$630.00

Remit To:
 SWA Group
 P.O.Box 5904
 Sausalito, CA 94966
 (415) 332-5100

Please refer to our invoice number and Project number when making payment
 A discount of 1% on current charges allowed if paid in full in thirty days.
 A service charge will be assessed on all past due accounts.



WORK PERFORMED - DETAIL

	<u>HOURS</u>	<u>COMMENTS</u>
MEETINGS & CONFERENCES WITH EXECUTIVE DIRECTOR		
1. Vick, James	1	Bi-weekly meeting
ATTENDANCE AT BOARD MEETINGS		
1. Vick, James	2	Regular Board Meeting
COH / HPARD MEETINGS / COORDINATION ADOPT-AN-ESPLANADE		
1. Vick, James	0	HPARD
SITE VISITS		
1. Vick, James	0	Standards Tour SBMD / MCMD
ENGINEER MEETINGS / COORDINATION		
1. Vick, James	0	Klotz / Gunda / LAN
<hr/>		
TOTAL	3	HOURS



To: Memorial City Redevelopment
 Authority/Houston TIRZ 17
 Attn: Don Huml
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

Date: May 15, 2014
 Invoice No: 158557
 For Period: April
 Project No: RHTS402
 Project Manager: James Vick

Project W-140 Design Work, Order #5 —

WORK PERFORMED:

- Research
- Site visits
- Coordination with Consultants
- Coordination with Client

Professional Services from April 01, 2014 to April 30, 2014

Fee

Total Fee	45,000.00		
Percent Complete	14.00	Total Earned	6,300.00
		Previous Fee Billing	2,250.00
		Current Fee Billing	4,050.00
		Total Fee	4,050.00

Don Huml: Executive Director
 Reviewed: *Don Huml*
 Date: 05-20-2014
 Code: 7000-1734
 Amount: \$4,050.00

Total this Invoice \$4,050.00

Remit To:
 SWA Group
 P.O.Box 5904
 Sausalito, CA 94966
 (415) 332-5100

Please refer to our Invoice number and Project number when making payment
 A discount of 1% on current charges allowed if paid in full in thirty days.
 A service charge will be assessed on all past due accounts.



To: Memorial City Redevelopment
 Authority/Houston TIRZ 17
 Attn: Don Huml
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

Date: May 15, 2014
 Invoice No: 158556
 For Period: April
 Project No: RHTS401
 Project Manager: James Vick

Project Lumkin Road Enhancements - Detailed Design

WORK PERFORMED:
 Prepare 95% documents
 Coordination with LAN
 Coordination with Stakeholders

Professional Services from April 01, 2014 to April 30, 2014

Fee			
Total Fee	55,000.00		
Percent Complete	68.00	Total Earned	37,400.00
		Previous Fee Billing	33,000.00
		Current Fee Billing	4,400.00
		Total Fee	4,400.00

Total this Invoice \$4,400.00

Don Huml: Executive Director

Reviewed: *Don Huml*

Date: 05-20-2014

Code: 7000-1709

Amount: \$4,400.00

Remit To:
 SWA Group
 P.O.Box 5904
 Sausalito, CA 94966
 (415) 332-5100

Please refer to our Invoice number and Project number when making payment
 A discount of 1% on current charges allowed if paid in full in thirty days.
 A service charge will be assessed on all past due accounts.



To: Memorial City Redevelopment
 Authority/Houston TIRZ 17
 Attn: Don Huml
 8955 Katy Freeway, Suite 215
 Houston, TX 77024

Date: May 15, 2014
 Invoice No: 158558
 For Period: April
 Project No: RHTS403
 Project Manager: James Vick

Project Streetscape Standards

WORK PERFORMED:

Attend meetings & conferences
 Refine scope
 Coordination with Client

Professional Services from April 01, 2014 to April 30, 2014

Professional Personnel

	Hours	Rate	Amount
Principals			
Vick, James	10.00	210.00	2,100.00
Staff			
Robinson, Michael	2.50	109.50	273.75

Total Fee Due This Invoice 2,373.75

Reimbursable Expenses

Misc Travel			
James Vick	JV 4/12		19.60
Don Huml: Executive Director	1.0 times	19.60	19.60
Total this Invoice			\$2,393.35

Reviewed: *[Signature]*

Date: 05-20-2014


Code: 7000 - 1725

Amount: \$2,393.35

Remit To:
 SWA Group
 P.O.Box 5904
 Sausalito, CA 94966
 (415) 332-5100

Please refer to our Invoice number and Project number when making payment
 A discount of 1% on current charges allowed if paid in full in thirty days.
 A service charge will be assessed on all past due accounts.

Invoice

klotz  associates

1160 Dairy Ashford, Suite 500
Houston, Texas 77079
T 281.589.7257 F 281.589.7309
houston.office@klotz.com

Don Huml
Executive Director
Memorial City Redevelopment Authority
8955 Katy Freeway, Suite 215
Houston, TX 77024

April 28, 2014
Project No: 1111.002.000
Invoice No: 414085

TIRZ 17 Memorial City Redevelopment Authority Birar Branch Channel Improvements
TIRZ 17 CIP No. T-1734
HCFCD Unit W140-01-00

For Professional Services rendered from March 16, 2014 to April 15, 2014:

Description	Contract Amount	Percent Complete	Billed to Date	Previously Invoiced	Current Invoice
Basic Services (LS)	624,155.00	15.53	96,931.27	24,841.37	72,089.90
Additional Services (T&M)	89,645.00	0.00	0.00	0.00	0.00
Total Fee	713,800.00		96,931.27	24,841.37	72,089.90
					72,089.90
Recap:	Current	Previous	To-Date		
Total Billings	72,089.90	24,841.37	96,931.27		
Contract Amount			713,800.00		
Balance			616,868.73		
		Total Due This Invoice:			\$72,089.90

Don Huml: Executive Director

Reviewed: 

Date: 05-20-2014

Code: 7000-1734

Amount: \$72,089.90

Memorial City Redevelopment Authority / TIRZ 17

Briar Branch (W140-01-00) Channel Improvements
 TIRZ 17 CIP No. T-1734
 Master Agreement (07-30-13) Task Order No.2
 Klotz Assoc. Job No. 1111.002.000

1160 Dajry Ashford, Suite 500
 Houston, Texas 77079
 T 281.589.7257 F 281.589.7309
 houston.office@klotz.com

Professional Services Summary

Through 4/15/14
 Invoice # 414086

Task	Contract Budget Fees	Authorized Amounts	Percent Complete %	Budget Amount Earned	Previously Billed	Earned This Period
<u>Basic Services</u>						
I. Phase I - PER (Complete)	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
II. Phase II - Final Design	\$624,155.00	\$624,155.00	15.53%	\$96,931.27	\$24,841.37	\$72,089.90
III. Phase III - CPS (Not Authorized)	\$0.00	\$0.00	0.00%	\$0.00	\$0.00	\$0.00
SubTotal Basic Services	\$624,155.00	\$624,155.00		\$96,931.27	\$24,841.37	\$72,089.90
<u>Additional Engineering Services / SubContracted Services / Reimbursible Expenses</u>						
I. Additional Engineering Services	\$35,820.00					
1. TCPs - Traffic Control Plans		\$23,280.00	0.00%	\$0.00	\$0.00	\$0.00
2. SW3P - StormWater Pollution Prevention Plans		\$12,540.00	0.00%	\$0.00	\$0.00	\$0.00
II. SubContracted Services	\$29,502.90					
1. Add'l Topo. Survey		\$29,502.90	0.00%	\$0.00	\$0.00	\$0.00
III. Reimbursible Expenses	\$24,322.10					
1. Reimbursible Expenses		\$24,322.10	0.00%	\$0.00	\$0.00	\$0.00
SubTotal Additional Services	\$89,645.00	\$89,645.00		\$0.00	\$0.00	\$0.00
Total Professional Services Fees	\$713,800.00	\$713,800.00		\$96,931.27	\$24,841.37	\$72,089.90

Total Fees Earned this Period	\$72,089.90
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Monthly Progress Report

**Project: Memorial City Redevelopment Authority / TIRZ 17
Briar Branch (W140-01-00) Channel Improvements
Ph II – Design**

CIP No: T-1734

Period: Through April 15, 2014

Job No: 1111.002.000

Prepared By: W. Edward Conger PE

Activities Completed this Period

1. Ph II Final Design - Authorization received dated 03/07/14.
 - a. Basic and Additional Services
 - 1.) Internal Project Team kick-off meeting held to provide project assignments, direction and coordination.
 - 2.) Project Team conducted a field reconnaissance and site visit of the channel and detention basin.
 - 3.) Reviewed the draft LAN Preliminary Engineering Report and Drainage Impact Report for this project as well as the project documentation provided by LAN.
 - 4.) Reviewed previous topographic information and record drawings and has prepared a list for additional survey.
 - 5.) Klotz is coordinating with LAN to obtain access to their InfoWorks software in order to convert and download the Briar Branch model into SWMM.
 - 6.) Klotz Associates developed the base maps and base plan and profile drawings from the survey and record drawings provided. The design Plan and profiles were begun using the previous draft plans.
 - b. Meetings
 - 1.) Project Team Meetings as required.
 - 2.) Additional meetings with TIRZ, LAN and SWA as required.
 - 3.) Attended and provided project update at TIRZ Board Meeting on 03-25-14.
2. Ph II Sub-consultant (Survey – Kuo & Associates) – Sub-Contract Agreement completed and executed.

Activities Planned for Next Period

1. Ph II Final Design.
 - a. Basic and Additional Services
 - 1.) Conduct additional project research, field reconnaissance and site visits as required for design.
 - 2.) Continue review of the project draft Preliminary Engineering Report, Drainage Impact Report and project documentation provided by LAN.
 - 3.) Continue reviewed of topographic information and record drawings as required for design.
 - 4.) Klotz is coordinating with LAN to obtain access to their InfoWorks software in order to convert and download the Briar Branch model into SWMM. Klotz will be given access for the weekend to download the Briar Branch model from LAN beginning Friday 05-02-14.
 - 5.) Continue development of plan and profile drawings and other design plans from the survey, record drawings and the previous draft plans.
 - b. Meetings
 - 1.) Project Team Meetings as required.
 - 2.) Additional meetings with TIRZ, LAN and SWA as required.
 - 3.) Attended and provided project update at TIRZ Board Meeting on 04-29-14.
2. Ph II Sub-consultant (Survey – Kuo & Associates)
 - 1.) Kuo to begin survey work on the additional survey along and adjacent to Briar Branch needed for Final Design.

Issues and Information we are waiting to receive - None



MEMORIAL CITY REDEVELOPMENT AUTHORITY
Tax Increment Reinvestment Zone No. 17

Estimate No. : 11
 Cut Off Date : 04/30/14
 Estimate Date : 05/06/14

**ESTIMATE AND CERTIFICATE FOR
 PAYMENT UNIT PRICE WORK**

Project Name : Barryknoll Lane East - Roadway and Drainage Improvements
 Contractor Name : Texas Sterling Construction Co.
 Address : 20810 Fernbush
 Houston, TX 77073

WBS No. : T-170015-0001-3

Contract Date : 2/28/2013
 Start Date : 3/18/2013
 Current Contract Completion Date : 3/25/2014
 Substantial Completion Date :
 Percentage By Time : 109.41% In Place : 62.42%
 Date Insurance Exp. : 3/1/2014 Drug Policy Due Date: N/A Current M/SBE : 11.07/5.69 Schedule Update Received : 4/4/2014

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time : 365
 Approved Extensions : 7
 Total Contract Time : 372
 Days Used to Date : 407
 Days Remaining to Date : -35

CONTRACT AMOUNT TO DATE :

- Original Contract Amount
- Approved Change Orders

\$5,874,319.99

No	Date	Ext.Days	Amount
1	04/26/2013		(\$102,683.53)
2	07/30/2013	7	\$52,601.72

Total Approved Extensions 7 Total Change Orders to Date

\$(50,081.81)

- Approved Work Change Directives

No	Date	Amount

Total Pending Work Change Directives to Date \$0.00

TOTAL CONTRACT AMOUNT (excludes WCDs) \$5,824,238.18

A. EARNINGS TO DATE

- Work Completed to Date 61.88% Complete \$3,635,242.32
- Material Stored on Site \$ 0.00
- Material Stored in Place \$ 0.00
- Balance-Materials Accepted Not in Place \$ 0.00 @ 85% \$0.00
- Work Change Directives - In Place \$0.00

TOTAL EARNINGS TO DATE \$3,635,242.32

B. DEDUCTIONS

- Retainage 5% Of \$3,635,242.32 \$181,762.12
- Retainage Release 0% Of \$3,635,242.32 \$0.00
- Total Retainage \$181,762.12
- Liquidated Damages 0.00 Days @ \$5,000.00 \$0.00
- Assessments \$0.00
- Inspector Overtime Costs \$0.00

TOTAL DEDUCTIONS \$181,762.12

C. AMOUNT DUE THIS PERIOD

- Total Earnings to Date \$3,635,242.32
- Total Deductions \$181,762.12
- Total Payments Due \$3,453,480.20
- Less Previous Payments \$3,358,063.63
- Restoration Adjustment \$0.00

TOTAL AMOUNT DUE CONTRACTOR THIS DATE \$95,416.57

BALANCE REMAINING \$2,239,077.67

Prepared By

Richard L Butler
 Richard L Butler

Checked By

Kate Ghutzman 5/5/2014
 Kate Ghutzman Date

Reviewed By

Muhammad Ali 5/5/2014
 Muhammad Ali Date

Don Huml: Executive Director

Reviewed: *Don Huml*

Date: 05-20-2014

Pay Est. No. 11

Printed 5/5/2014 @ 1:05 PM

Page 1 of 1

Page 58

Code: 7000-1715A

Amount: \$95,416.57

Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Apr '14		Apr '14		Contact Total	% Complete	Feb '14 Month
						Monthly Qty	Monthly Amount	Todate Qty	Todate Amount			
500000	1	Mobilization	LS	1	\$24,000.00	0.00	\$0.00	0.80	\$19,200.00	\$24,000.00	80.00%	0.80
502000	2	Traffic Control and Regulation	LS	1	\$72,000.00	0.08	\$5,760.00	0.88	\$63,360.00	\$72,000.00	88.00%	0.80
9922	3	Uniformed Police Officers	HR	2920	\$37.00	235.00	\$8,695.00	2,291.00	\$84,767.00	\$108,040.00	78.46%	2,056.00
512190	4	Portable Concrete Low Profile Traffic Barrier Inst	LF	1450	\$9.00	100.00	\$900.00	1,550.00	\$13,950.00	\$13,050.00	106.90%	1,450.00
512390	5	Portable Concrete Low Profile Traffic Barrier Move	LF	1450	\$4.00	0.00	\$0.00	1,240.00	\$4,960.00	\$5,800.00	85.52%	1,240.00
512195	6	Portable Concrete Low Profile Traffic Barrier Inst	LF	875	\$9.00	0.00	\$0.00	875.00	\$7,875.00	\$7,875.00	100.00%	875.00
512395	7	Portable Concrete Low Profile Traffic Barrier Move	LF	1400	\$3.00	0.00	\$0.00	355.00	\$1,065.00	\$4,200.00	25.36%	355.00
512495	8	Portable Concrete Low Profile Traffic Barrier Remo	LF	925	\$7.00	0.00	\$0.00	0.00	\$0.00	\$6,475.00	0.00%	0.00
512490	9	Portable Concrete Low Profile Traffic Barrier Remo	LF	1400	\$7.00	0.00	\$0.00	0.00	\$0.00	\$9,800.00	0.00%	0.00
10	10	Tree and Plant Protection	LS	1	\$33,000.00	0.08	\$2,640.00	0.80	\$26,400.00	\$33,000.00	80.00%	0.72
11	11	Filter Fabric Fence Inlet Protection (Stage 1)	LF	790	\$1.30	0.00	\$0.00	0.00	\$0.00	\$1,027.00	0.00%	0.00
12	12	Sandbags Inlet Protection (Stage 2)	LF	500	\$1.30	0.00	\$0.00	170.00	\$221.00	\$650.00	34.00%	170.00
13	13	Stabilized Construction Access	LS	1	\$2,500.00	0.00	\$0.00	0.00	\$0.00	\$2,500.00	0.00%	0.00
		B1. TOTAL - GENERAL ITEMS					\$17,995.00		\$221,798.00	\$288,417.00		
670015	14	Construct Type-C Manhole (48-inch diameter) on Box	EA	11	\$1,700.00	2.00	\$3,400.00	4.00	\$6,800.00	\$18,700.00	36.36%	2.00
670010	15	Construct Type C Manhole, Complete in Place	EA	6	\$4,000.00	0.00	\$0.00	5.00	\$20,000.00	\$24,000.00	83.33%	5.00
104212	16	Remove and Dispose of 12-inch Diameter Storm Sewer	LF	63	\$15.00	0.00	\$0.00	0.00	\$0.00	\$945.00	0.00%	0.00
104218	17	Remove and Dispose of 18-inch Diameter Storm Sewer	LF	295	\$15.00	0.00	\$0.00	230.00	\$3,450.00	\$4,425.00	77.97%	230.00
104224	18	Remove and Dispose of 24-inch Diameter Storm Sewer	LF	564	\$15.00	8.00	\$120.00	203.00	\$3,045.00	\$8,460.00	35.99%	195.00
104236	19	Remove and Dispose of 36-inch Diameter Storm Sewer	LF	67	\$15.00	0.00	\$0.00	0.00	\$0.00	\$1,005.00	0.00%	0.00
104254	20	Remove and Dispose of 54-inch Diameter Storm Sewer	LF	410	\$28.00	12.00	\$336.00	12.00	\$336.00	\$11,480.00	2.93%	0.00
104260	21	Remove and Dispose of 60-inch Diameter Storm Sewer	LF	1225	\$30.00	0.00	\$0.00	202.00	\$6,060.00	\$36,750.00	16.49%	202.00
104266	22	Remove and Dispose of 66-inch Diameter Storm Sewer	LF	110	\$30.00	54.00	\$1,620.00	164.00	\$4,920.00	\$3,300.00	149.05%	110.00
104272	23	Remove and Dispose of 72-inch Diameter Storm Sewer	LF	890	\$30.00	0.00	\$0.00	890.00	\$26,700.00	\$26,700.00	100.00%	890.00
104700	24	Remove and Dispose of existing Inlets, all types	EA	23	\$510.00	0.00	\$0.00	11.00	\$5,610.00	\$11,730.00	47.83%	11.00
104800	25	Remove and Dispose of existing Manholes, all types	EA	18	\$500.00	2.00	\$1,000.00	13.00	\$6,500.00	\$9,000.00	72.22%	11.00
610000	26	Provide Trench Safety System	LF	3499	\$1.00	66.00	\$66.00	1,056.00	\$1,056.00	\$3,499.00	30.18%	990.00
630806	27	Construct Box Culvert-Precast 8' x 6' Storm	LF	5152	\$446.00	132.00	\$58,872.00	2,539.00	\$1,132,394.00	\$2,297,792.00	49.28%	2,407.00
630805	28	Construct Box Culvert - Precast 5-foot x 8-foot St	LF	26	\$460.00	0.00	\$0.00	0.00	\$0.00	\$11,960.00	0.00%	0.00
610060	29	Construct 60-inch Reinforced Concrete Pipe, Complete	LF	49	\$350.00	0.00	\$0.00	49.00	\$17,150.00	\$17,150.00	100.00%	49.00
610024	30	Construct 29-inch x 45-inch Elliptical Reinforced C	LF	30	\$250.00	0.00	\$0.00	30.00	\$7,500.00	\$7,500.00	100.00%	30.00
610036	31	Construct 36-inch Reinforced Concrete Pipe, Complete	LF	10	\$300.00	4.00	\$1,200.00	4.00	\$1,200.00	\$3,000.00	40.00%	0.00
610030	32	Construct 30-inch Reinforced Concrete Pipe, Complete	LF	33	\$140.00	0.00	\$0.00	33.00	\$4,620.00	\$4,620.00	100.00%	33.00
610024	33	Construct 24-inch Reinforced Concrete Pipe Storm L	LF	710	\$90.00	11.00	\$990.00	530.00	\$47,700.00	\$63,900.00	74.65%	519.00
610018	34	Construct 18-inch Reinforced Concrete Pipe Storm L	LF	40	\$90.00	0.00	\$0.00	40.00	\$3,600.00	\$3,600.00	100.00%	40.00
35	35	Construct Box Culvert-Precast 8-foot x 5-foot Stor	EA	1	\$900.00	0.00	\$0.00	0.00	\$0.00	\$900.00	0.00%	0.00
36	36	Construct 60-inch Diameter Plug, Complete in Place	EA	1	\$900.00	0.00	\$0.00	1.00	\$900.00	\$900.00	100.00%	1.00
660200	37	Construct Type A Inlet - Complete in Place	EA	3	\$2,500.00	0.00	\$0.00	3.00	\$7,500.00	\$7,500.00	100.00%	3.00
660000	38	Construct Type C Inlet-Complete in Place	EA	8	\$3,000.00	0.00	\$0.00	8.00	\$24,000.00	\$24,000.00	100.00%	8.00
660050	39	Construct Type BB Inlet-Complete in Place	EA	15	\$2,500.00	0.00	\$0.00	9.00	\$22,500.00	\$37,500.00	60.00%	9.00
40	40	Construct Junction to Box Culvert from new Lateral	EA	20	\$700.00	2.00	\$1,400.00	12.00	\$8,400.00	\$14,000.00	60.00%	10.00
671000	41	Construct Junction Box # 107-B, Complete in Place	EA	1	\$50,000.00	0.00	\$0.00	1.00	\$50,000.00	\$50,000.00	100.00%	1.00
671020	42	Construct Junction Box #124, Including MH, Rings a	EA	1	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	deleted	0.00
671030	43	Construct Junction Box #121, Including MH, Rings a	EA	1	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	deleted	0.00
671040	44	Construct Junction Box #136, Including MH, Rings a	EA	1	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	deleted	0.00
45	45	Furnish and Install Ring Grates	EA	10	\$500.00	0.00	\$0.00	6.00	\$3,000.00	\$5,000.00	60.00%	6.00
46	46	Furnish and Install 48" Flap Valve, Complete in P	EA	2	\$16,000.00	0.00	\$0.00	0.00	\$0.00	\$32,000.00	0.00%	0.00

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Apr '14		Monthly Amount	Apr '14 Totdate Qty	Totdate Amount	Contact Total	% Complete	Feb '14 Month Totdate
						Monthly Qty	Monthly Amount						
B2 TOTAL - STORM SEWER ITEMS													
								\$69,004.00		\$1,414,941.00	\$2,741,316.00		
710000	47	Provide Trench Safety System for Water Line	LF	1040	\$1.00	0.00	0.00	\$0.00	638.00	\$638.00	\$1,040.00	61.35%	638.00
721012	48	Furnish and Install 12-inch Water line by Trenchline	LF	20	\$250.00	0.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00%	0.00
721008	49	Furnish and Install 8-inch Water line by Trenchlines	LF	3207	\$65.00	0.00	0.00	\$0.00	3,403.60	\$221,234.00	\$208,455.00	106.13%	3,403.60
715008	50	Furnish and Install 8-inch DIP Water Line w/ Restr	LF	343	\$170.00	0.00	0.00	\$0.00	445.80	\$75,786.00	\$58,310.00	129.97%	445.80
716008	51	Furnish and Install 8-inch Water Line w/ Restraint	LF	232	\$140.00	0.00	0.00	\$0.00	52.70	\$7,378.00	\$32,480.00	22.72%	52.70
731016	52	Furnish and Install 8-inch Water Line in 16-inch C	LF	274	\$150.00	0.00	0.00	\$0.00	245.20	\$36,780.00	\$41,100.00	89.49%	245.20
712008	53	Furnish and Install 8-inch DIP Water Line, Pressur	LF	54	\$170.00	0.00	0.00	\$0.00	0.00	\$0.00	\$9,180.00	0.00%	0.00
721002	54	Furnish and Install 2-inch Water Line by Trenchlines	LF	12	\$201.00	0.00	0.00	\$0.00	0.00	\$0.00	\$4,412.00	0.00%	0.00
721004	55	Furnish and Install 4-inch Water Line by Trenchlines	LF	25	\$150.00	0.00	0.00	\$0.00	7.20	\$1,080.00	\$3,750.00	28.80%	7.20
716006	56	Furnish and Install 6-inch Water Line with Restraint	LF	10	\$210.00	0.00	0.00	\$0.00	0.00	\$0.00	\$2,100.00	0.00%	0.00
750806	57	Furnish and Install 8-inch Tapping Sleeve and Valv	EA	1	\$4,000.39	0.00	0.00	\$0.00	1.00	\$4,000.39	\$4,000.39	100.00%	1.00
760002	58	Wet Connection to Existing 2-inch Waterline	EA	3	\$1,000.00	0.00	0.00	\$0.00	1.00	\$1,000.00	\$3,000.00	33.33%	1.00
770002	59	Cut, Plug and Abandon Existing 2-inch Waterline	EA	3	\$300.00	0.00	0.00	\$0.00	2.00	\$600.00	\$900.00	66.67%	2.00
760006	60	Wet Connection to Existing 6-inch Water Line	EA	1	\$1,800.00	0.00	0.00	\$0.00	0.00	\$0.00	\$1,800.00	0.00%	0.00
770006	61	Cut, Plug and Abandon Existing 6-inch Water Line	EA	1	\$500.00	0.00	0.00	\$0.00	0.00	\$0.00	\$500.00	0.00%	0.00
760008	62	Wet Connection to Existing 8-inch Water Line	EA	12	\$2,000.00	0.00	0.00	\$0.00	8.00	\$16,000.00	\$24,000.00	66.67%	8.00
770008	63	Cut, Plug and Abandon Existing 8-inch Water Line	EA	13	\$700.00	0.00	0.00	\$0.00	10.00	\$7,000.00	\$9,100.00	76.92%	10.00
760012	64	Wet Connection to Existing 12-inch Water Line	EA	1	\$2,100.00	0.00	0.00	\$0.00	0.00	\$0.00	\$2,100.00	0.00%	0.00
770012	65	Cut, Plug and Abandon Existing 12-inch Water Line	EA	1	\$800.00	0.00	0.00	\$0.00	0.00	\$0.00	\$800.00	0.00%	0.00
780100	66	Furnish and Install Fire Hydrant Assembly w/6-inch	LF	7	\$4,000.00	0.00	0.00	\$0.00	3.00	\$12,000.00	\$28,000.00	42.86%	3.00
780150	67	Furnish and Install 6-inch Fire Hydrant Lead, Open	EA	50	\$70.00	0.00	0.00	\$0.00	16.20	\$1,134.00	\$3,500.00	32.40%	16.20
780005	68	5/8" to 1" Diameter Copper Service Connection, Sho	EA	12	\$1,000.00	0.00	0.00	\$0.00	1.00	\$1,000.00	\$12,000.00	8.33%	1.00
780010	69	5/8" to 1" Diameter Copper Service Connection, Lon	EA	4	\$1,500.00	0.00	0.00	\$0.00	0.00	\$0.00	\$6,000.00	0.00%	0.00
780015	70	1.5" to 2" Diameter Copper Service Connection, Sho	EA	2	\$1,100.00	0.00	0.00	\$0.00	1.00	\$1,100.00	\$2,200.00	50.00%	1.00
780020	71	1.5" to 2" Diameter Copper Service Connection, Lon	EA	10	\$1,700.00	0.00	0.00	\$0.00	0.00	\$0.00	\$17,000.00	0.00%	0.00
B3 TOTAL WATER LINE ITEMS													
								\$0.00		\$386,730.39	\$478,727.39		
810000	72	Provide Trench Safety System for Sanitary Sewer	LF	2841	\$1.00	41.00	0.00	\$41.00	2,714.00	\$2,714.00	\$2,841.00	95.53%	2,673.00
830100	73	Remove and Dispose of Sanitary Sewer Manholes	EA	14	\$500.00	0.00	0.00	\$0.00	0.00	\$0.00	\$7,000.00	85.71%	12.00
830100	74	Construct Sanitary Sewer Manhole, Complete in Plac	EA	17	\$4,000.00	0.00	0.00	\$0.00	14.00	\$56,000.00	\$68,000.00	82.35%	14.00
811021	75	Construct 21-inch Sanitary Sewer, Complete in Plac	LF	58	\$150.00	0.00	0.00	\$0.00	63.00	\$9,450.00	\$8,700.00	108.62%	63.00
830321	76	Remove and Dispose 21-inch Sanitary Sewer	LF	1646	\$5.00	0.00	0.00	\$0.00	1,651.00	\$8,255.00	\$8,230.00	100.30%	1,651.00
811020	77	Construct 20-inch Sanitary Sewer, Pressure Class 1	LF	1588	\$140.00	0.00	0.00	\$0.00	1,604.00	\$224,560.00	\$222,320.00	101.01%	1,604.00
830318	78	Remove and Dispose 18-inch Sanitary Sewer	LF	20	\$5.00	0.00	0.00	\$0.00	0.00	\$0.00	\$100.00	0.00%	0.00
811018	79	Construct 18-inch Sanitary Sewer, Pressure Class 1	LF	20	\$220.00	0.00	0.00	\$0.00	0.00	\$0.00	\$4,400.00	0.00%	0.00
811016	80	Construct 16-inch San Sew, Class 150 PSI	LF	43	\$140.00	41.00	0.00	\$5,740.00	46.00	\$6,440.00	\$6,020.00	106.98%	5.00
830315	81	Remove and Dispose of 15-inch Sanitary Sewer	LF	43	\$5.00	41.00	0.00	\$205.00	46.00	\$230.00	\$215.00	106.98%	5.00
811012	82	Construct 12-inch Sanitary Sewer, Pressure Class 1	LF	1080	\$110.00	0.00	0.00	\$0.00	1,029.00	\$113,190.00	\$118,800.00	95.28%	1,029.00
830312	83	Remove and Dispose 12-inch Sanitary Sewer	LF	1080	\$5.00	0.00	0.00	\$0.00	1,029.00	\$5,145.00	\$5,400.00	95.28%	1,029.00
830308	84	Remove and Dispose 8-inch Sanitary Sewer	LF	52	\$5.00	0.00	0.00	\$0.00	45.00	\$225.00	\$260.00	86.54%	45.00
811008	85	Construct 8-inch Sanitary Sewer, Pressure Class 15	LF	52	\$100.00	0.00	0.00	\$0.00	70.00	\$7,000.00	\$5,200.00	134.62%	70.00
811000	86	Service Stubs or Reconnections without Stack on Sa	EA	6	\$1,200.00	0.00	0.00	\$0.00	10.00	\$12,000.00	\$7,200.00	166.67%	10.00
810100	87	Bypass Pumping	LS	1	\$40,000.00	0.00	0.00	\$0.00	1.00	\$40,000.00	\$40,000.00	100.00%	1.00
B4 TOTAL SANITARY SEWER ITEMS													
								\$5,986.00		\$491,209.00	\$504,686.00		
104000	88	Remove and Dispose of Reinforced Concrete Pavement	SY	12840	\$2.00	69.00	0.00	\$138.00	6,957.78	\$13,915.56	\$25,680.00	54.19%	6,888.78

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Apr '14		Apr '14		Contact Total	% Complete	Feb '14 Month Todate
						Monthly Qty	Monthly Amount	Todate Qty	Todate Amount			
104105	89	Remove and Dispose of Driveways (all Materials, Al	SY	983	\$2.00	0.00	\$0.00	597.30	\$1,194.60	\$1,966.00	60.76%	597.30
104110	90	Remove and Dispose of Sidewalks (All Materials, Al	SY	1138	\$2.00	0.00	\$0.00	513.33	\$1,026.66	\$2,276.00	45.11%	513.33
373000	91	Construct Concrete Curb, All Heights, Complete in	LF	4380	\$3.00	0.00	\$0.00	3,835.00	\$11,505.00	\$13,140.00	87.56%	3,835.00
262060	92	Construct Lime/Fly-Ash Stabilized Subgrade, 6-inch	SY	14165	\$6.00	0.00	\$0.00	6,454.24	\$38,725.44	\$84,990.00	45.56%	6,454.24
260000	93	Furnish Lime for Lime Stabilized Subgrade, Complet	TON	205	\$160.00	0.00	\$0.00	114.31	\$18,289.60	\$32,800.00	55.76%	114.31
390050	94	Construct 7-inch High Early Strength Concrete, Inc	SY	940	\$70.00	0.00	\$0.00	988.16	\$69,171.20	\$65,800.00	105.12%	988.16
371010	95	Construct 10-inch Reinforced Concrete Pavement, Co	SY	12320	\$58.00	0.00	\$0.00	8,047.58	\$466,759.64	\$714,560.00	65.32%	8,047.58
96	96	Sawcut Exist Pavement	LF	1246	\$5.00	42.00	\$210.00	502.00	\$2,510.00	\$6,230.00	40.29%	460.00
110000	97	Earthwork, Roadway Excavation and Embankment	CY	2464	\$15.00	0.00	\$0.00	1,975.98	\$29,639.70	\$36,960.00	80.19%	1,975.98
390200	98	Construct ADA Accessible Wheelchair Ramps, Complet	SF	2860	\$12.00	0.00	\$0.00	1,346.65	\$16,159.80	\$34,320.00	47.09%	1,346.65
390201	99	Furnish and Install ADA Detectable Warning Pavers,	SY	27	\$120.00	0.00	\$0.00	11.48	\$1,377.60	\$3,240.00	42.52%	11.48
330006	100	Construct 6-inch Hot Mix Asphalt Base Course [Type	TON	258	\$100.00	0.00	\$0.00	249.95	\$24,995.00	\$25,800.00	96.88%	249.95
330302	101	Construct 1 1/2-inch Asphalt Concrete Surface Cour	TON	65	\$130.00	0.00	\$0.00	57.17	\$7,432.10	\$8,450.00	87.95%	57.17
390100	102	Construct 4 1/2-inch Concrete Sidewalk, Complete in P	SF	19222	\$6.00	0.00	\$0.00	14,572.85	\$87,437.10	\$115,332.00	75.81%	14,572.85
1030	103	Remove and Reinstall Existing Mailbox and Post	EA	7	\$150.00	0.00	\$0.00	7.00	\$1,050.00	\$1,050.00	100.00%	7.00
1040	104	Remove and Reconstruct Existing Brick Mailbox Stru	EA	1	\$350.00	0.00	\$0.00	0.00	\$0.00	\$350.00	0.00%	0.00
371005	105	Board Expansion Joint with or without Load Transfe	LF	1360	\$4.00	0.00	\$0.00	478.10	\$1,912.40	\$5,440.00	35.15%	478.10
1060	106	Horizontal Dowels, All Lengths	EA	2300	\$1.00	0.00	\$0.00	338.00	\$338.00	\$2,300.00	14.70%	338.00
372000	107	Concrete Pavement Header	LF	420	\$5.00	0.00	\$0.00	286.00	\$1,430.00	\$2,100.00	68.10%	286.00
108	108	Remove and Dispose of Asphalt Pavement, Including	SY	160	\$25.00	206.70	\$5,167.50	265.37	\$6,634.25	\$4,000.00	165.86%	58.67
		B5 TOTAL PAVING ITEMS					\$5,515.50		\$801,503.65	\$1,186,784.00		
109	109	Drill Shaft (Traff Signal Pole) (24-in) (Pedestals	LF	18	\$125.00	0.00	\$0.00	18.00	\$2,250.00	\$2,250.00	100.00%	18.00
110	110	Drill Shaft (Traffic Signal Pole) (30-inch)	LF	46	\$160.00	0.00	\$0.00	46.00	\$7,360.00	\$7,360.00	100.00%	46.00
111	111	25' Traffic Signal Pole	EA	2	\$4,400.00	0.00	\$0.00	1.00	\$4,400.00	\$8,800.00	50.00%	1.00
112	112	30' Traffic Signal Pole	EA	1	\$4,500.00	0.00	\$0.00	1.00	\$4,500.00	\$4,500.00	100.00%	1.00
113	113	40' Traffic Signal Pole	EA	1	\$6,000.00	0.00	\$0.00	1.00	\$6,000.00	\$6,000.00	100.00%	1.00
114	114	Ped Pole Assembly	EA	2	\$800.00	0.00	\$0.00	2.00	\$1,600.00	\$1,600.00	100.00%	2.00
115	115	Push Button Pole Assembly	EA	1	\$600.00	0.00	\$0.00	1.00	\$600.00	\$600.00	100.00%	1.00
116	116	Saw Cut	LF	316	\$5.00	0.00	\$0.00	0.00	\$0.00	\$1,580.00	0.00%	0.00
117	117	Traffic Signal Construction	EA	1	\$2,400.00	0.00	\$0.00	0.00	\$0.00	\$2,400.00	0.00%	0.00
118	118	Temporary Traffic Signals	EA	1	\$6,000.00	0.00	\$0.00	0.70	\$4,200.00	\$6,000.00	70.00%	0.70
119	119	Removal of Concrete Foundations	EA	4	\$500.00	0.00	\$0.00	0.00	\$0.00	\$2,000.00	0.00%	0.00
120	120	Remove Traffic Signal Pole Assembly	EA	4	\$400.00	0.00	\$0.00	0.00	\$0.00	\$1,600.00	0.00%	0.00
121	121	Electrical Service (UL TYPE 3R)	EA	1	\$4,000.00	0.00	\$0.00	1.00	\$4,000.00	\$4,000.00	100.00%	1.00
122	122	Traffic Signal Pull box (5-TY B)	EA	5	\$500.00	0.00	\$0.00	2.00	\$1,000.00	\$2,500.00	40.00%	2.00
123	123	1 1/2-inch (TRENCH) Conduit PVC (Sched 80)	LF	30	\$10.00	0.00	\$0.00	94.00	\$940.00	\$300.00	313.33%	94.00
124	124	2-inch (TRENCH) Conduit PVC (Sched 80)	LF	20	\$10.00	0.00	\$0.00	77.00	\$770.00	\$200.00	385.00%	77.00
125	125	3-inch (TRENCH) Conduit PVC (SCHED 80)	LF	42	\$12.00	0.00	\$0.00	47.00	\$564.00	\$504.00	111.90%	47.00
126	126	4-inch (TRENCH) Conduit PVC (SCHED 80)	LF	81	\$14.00	0.00	\$588.00	76.00	\$1,064.00	\$1,134.00	93.83%	34.00
127	127	4-inch (BORE) Conduit PVC (SCHED 80)	LF	532	\$15.00	0.00	\$0.00	334.00	\$5,010.00	\$7,980.00	62.78%	334.00
128	128	Loop Detector Wire Cable	LF	1152	\$5.50	0.00	\$0.00	0.00	\$0.00	\$6,336.00	0.00%	0.00
129	129	Loop Detector Lead-in-Cable	LF	958	\$1.25	0.00	\$0.00	0.00	\$0.00	\$1,197.50	0.00%	0.00
130	130	VEH SIG SEC (12 INCH) INC (GRN) LED	EA	6	\$170.00	0.00	\$0.00	6.00	\$1,020.00	\$1,020.00	100.00%	6.00
131	131	VEH SIG SEC (12 INCH) INC (YEL) LED	EA	6	\$170.00	0.00	\$0.00	6.00	\$1,020.00	\$1,020.00	100.00%	6.00
132	132	VEH SIG SEC (12 INCH) INC (RED) LED	EA	6	\$170.00	0.00	\$0.00	6.00	\$1,020.00	\$1,020.00	100.00%	6.00
133	133	Back Plate (12 INCH) (3 SEC)	EA	6	\$75.00	0.00	\$0.00	6.00	\$450.00	\$450.00	100.00%	6.00
134	134	PED SIG SEC (12 IN) LED (2 INDICATIONS)	EA	6	\$450.00	0.00	\$0.00	3.00	\$1,350.00	\$2,700.00	50.00%	3.00

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Apr '14		Apr '14		Total Amount	Contact Total	% Complete	Feb '14 Month Totals
						Monthly Qty	Monthly Amount	Todate Qty	Todate Amount				
135	135	TRF SIG CBL (TY A) (14 AWG) (3 CONDR)	LF	320	\$1.00	0.00	\$0.00	0.00	\$0.00	\$320.00	0.00%	0.00	
136	136	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	336	\$1.25	0.00	\$0.00	0.00	\$0.00	\$420.00	0.00%	0.00	
137	137	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	1262	\$1.50	0.00	\$0.00	0.00	\$0.00	\$1,893.00	0.00%	0.00	
138	138	ELECT CONDR (NO. 8) BARE	LF	347	\$0.80	0.00	\$0.00	0.00	\$0.00	\$277.60	0.00%	0.00	
139	139	Signal Power (NO. 4 THHN)	LF	31	\$2.00	0.00	\$0.00	0.00	\$0.00	\$62.00	0.00%	0.00	
140	140	Detector Unit	EA	3	\$625.00	0.00	\$0.00	1.00	\$625.00	\$1,875.00	33.33%	1.00	
141	141	Phase Selector	EA	2	\$2,300.00	0.00	\$0.00	0.00	\$0.00	\$4,600.00	0.00%	0.00	
142	142	Optical Detector Cable	LF	631	\$1.50	0.00	\$0.00	0.00	\$0.00	\$946.50	0.00%	0.00	
143	143	Controller Cabinet 340 ITS	EA	1	\$19,000.00	0.00	\$0.00	1.00	\$19,000.00	\$19,000.00	100.00%	1.00	
144	144	Model 2070 Controller	EA	1	\$2,600.00	0.00	\$0.00	1.00	\$2,600.00	\$2,600.00	100.00%	1.00	
145	145	Battery Backup System	EA	1	\$5,600.00	0.00	\$0.00	1.00	\$5,600.00	\$5,600.00	100.00%	1.00	
146	146	Audible Pedestrian Signal Units	EA	4	\$1,500.00	0.00	\$0.00	0.00	\$0.00	\$6,000.00	0.00%	0.00	
B6 TOTAL ELECTRICAL & SIGNAL ITEMS							\$588.00		\$76,943.00	\$118,645.60			
147	147	Install Raised Reflective Pavement Markers-Type I	EA	115	\$4.00	0.00	\$0.00	112.00	\$448.00	\$460.00	97.39%	112.00	
148	148	Install Thermoplastic Pavement Markings (4-inch, S	LF	360	\$0.50	0.00	\$0.00	259.00	\$129.50	\$180.00	71.94%	259.00	
149	149	Install Thermoplastic Pavement Markings (4-inch Br	LF	4550	\$0.50	0.00	\$0.00	1,095.00	\$547.50	\$2,275.00	24.07%	1,095.00	
150	150	Install Thermoplastic Pavement Markings (4-inch, S	LF	4600	\$0.50	0.00	\$0.00	3,372.00	\$1,686.00	\$2,300.00	73.30%	3,372.00	
151	151	Install Thermoplastic Pavement Markings (12-nch So	LF	680	\$3.00	0.00	\$0.00	272.00	\$816.00	\$2,040.00	40.00%	272.00	
152	152	Install Thermoplastic Pavement Markings(24-inch So	LF	610	\$6.00	0.00	\$0.00	445.00	\$2,670.00	\$3,660.00	72.95%	445.00	
153	153	Install Thermoplastic Pavement Markings (Word)	EA	2	\$160.00	0.00	\$0.00	0.00	\$0.00	\$320.00	0.00%	0.00	
154	154	Install Thermoplastic Pavement Markings (Arrow)	EA	4	\$160.00	0.00	\$0.00	0.00	\$0.00	\$640.00	0.00%	0.00	
155	155	Placement of Permanent Signs	SF	235	\$40.00	0.00	\$0.00	85.00	\$3,400.00	\$9,400.00	36.17%	85.00	
156	156	Remove Existing Signs	SF	225	\$6.00	0.00	\$0.00	9.00	\$54.00	\$1,350.00	4.00%	9.00	
B7 TOTAL SIGNING & PAVE MARKS ITEMS							\$0.00		\$9,751.00	\$22,625.00			
157	157	Construct 4-inch x 8-inch, 60mm, Concrete Unit Pav	SF	1350	\$16.00	0.00	\$0.00	1,350.00	\$21,600.00	\$21,600.00	100.00%	1,350.00	
158	158	Furnish and Install Sod	SY	178	\$5.00	0.00	\$0.00	568.00	\$2,840.00	\$890.00	319.10%	568.00	
159	159	Fine Grading	SY	178	\$3.00	0.00	\$0.00	568.00	\$1,704.00	\$534.00	319.10%	568.00	
160	160	Prepared Backfill Mix	LS	1	\$2,100.00	0.00	\$0.00	1.00	\$2,100.00	\$2,100.00	100.00%	1.00	
161	161	65 Gallon Savannah Holly (Ilex Attenuata Var Savan	EA	8	\$700.00	0.00	\$0.00	8.00	\$5,600.00	\$5,600.00	100.00%	8.00	
162	162	65 Gallon Bald Cypress (Taxodium Distichum) 3-inch	EA	3	\$700.00	0.00	\$0.00	0.00	\$0.00	\$2,100.00	0.00%	0.00	
163	163	30 Day Truck Watering Sod	LS	1	\$1,300.00	0.00	\$0.00	1.00	\$1,300.00	\$1,300.00	100.00%	1.00	
B8 TOTAL LANDSCAPE ITEMS							\$0.00		\$35,144.00	\$34,124.00			
164	164	Re-Mobilization/De-Mobilization	LS	1	\$30,000.00	0.00	\$0.00	0.50	\$15,000.00	\$30,000.00	50.00%	0.50	
165	165	Uniformed Police Officer	HR	736	\$25.00	0.00	\$0.00	0.00	\$0.00	\$18,400.00	0.00%	0.00	
166	166	Ground Water Trench Dewatering	LF	100	\$42.00	0.00	\$0.00	0.00	\$0.00	\$4,200.00	0.00%	0.00	
167	167	Excavation Around Obstructions	CY	200	\$30.00	0.00	\$0.00	0.00	\$0.00	\$6,000.00	0.00%	0.00	
168	168	Extra Hand Excavation	CY	200	\$15.00	0.00	\$0.00	0.00	\$0.00	\$3,000.00	0.00%	0.00	
169	169	Extra Machine Excavation	CY	200	\$20.00	0.00	\$0.00	0.00	\$0.00	\$4,000.00	0.00%	0.00	
170	170	Extra Placement of Backfill Material	CY	200	\$6.00	0.00	\$0.00	0.00	\$0.00	\$1,200.00	0.00%	0.00	
171	171	6-inches Over Excavation of Trench Bottom	LF	2500	\$4.00	0.00	\$0.00	0.00	\$0.00	\$10,000.00	0.00%	0.00	
172	172	Extra 18-inch Reinforced Concrete Pipe Storm Sewer	LF	10	\$60.00	0.00	\$0.00	0.00	\$0.00	\$600.00	0.00%	0.00	
173	173	Extra 24-inch Reinforced Concrete Pipe Storm Sewer	LF	10	\$65.00	0.00	\$0.00	0.00	\$0.00	\$650.00	0.00%	0.00	
174	174	Extra 30-inch Reinforced Concrete Pipe Storm Sewer	LF	10	\$70.00	0.00	\$0.00	0.00	\$0.00	\$700.00	0.00%	0.00	
175	175	Extra 29-inch x 45-inch Elliptical Reinforced Concr	LF	10	\$100.00	0.00	\$0.00	0.00	\$0.00	\$1,000.00	0.00%	0.00	

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Apr '14 Monthly Qty	Apr '14 Monthly Amount	Apr '14 Totodate Qty	Totodate Amount	Contact Total	% Complete	Feb '14 Month	Totodate
176	176	Extra 60-inch Reinforced Concrete Pipe Storm Sewer	LF	10	\$155.00	0.00	\$0.00	0.00	\$0.00	\$1,550.00	0.00%	0.00	0.00
177	177	Construct 6-inch Hot Mix Asphalt Base Course (Type	TON	15	\$150.00	0.00	\$0.00	6.60	\$990.00	\$2,250.00	44.00%	6.60	6.60
178	178	Construct 1 1/2-inch Hot Mix Asphalt Concrete Surface	TON	7	\$250.00	0.00	\$0.00	0.00	\$0.00	\$1,750.00	0.00%	0.00	0.00
179	179	Extra Ductile Iron Compact Fittings	EA	4	\$2,000.00	0.00	\$0.00	0.00	\$0.00	\$8,000.00	0.00%	0.00	0.00
180	180	Extra Fittings in Place	EA	8	\$500.00	0.00	\$0.00	0.00	\$0.00	\$4,000.00	0.00%	0.00	0.00
181	181	Temporary Detour Pavement	SY	1500	\$46.33	0.00	\$0.00	744.67	\$34,500.56	\$69,495.00	49.64%	744.67	744.67
182	182	Temporary Special Shoring	SF	500	\$30.00	0.00	\$0.00	0.00	\$0.00	\$15,000.00	0.00%	0.00	0.00
183	183	Extra 7-inch High Early Strength Concrete, Includi	SY	100	\$50.00	0.00	\$0.00	0.00	\$0.00	\$5,000.00	0.00%	0.00	0.00
184	184	Extra 10-inch High Early Strength Concrete	SY	100	\$50.00	0.00	\$0.00	0.00	\$0.00	\$5,000.00	0.00%	0.00	0.00
		Furnish Cement Slurry for Lime Stabilized Subgrade, Complet	TON	240	\$179.30	0.00	\$0.00	100.00	\$17,930.00	\$43,032.00	41.67%	100.00	100.00
		Certified Flagmen	HR	736	\$15.00	90.00	\$1,350.00	1,330.00	\$19,950.00	\$11,040.00	180.71%	1,240.00	1,240.00
		C TOTAL EXTRA UNIT PRICE TABLE					\$1,350.00		\$88,370.56	\$245,867.00			
185	185	Early Completion of Phase 1, Barryknoll Lane from	DAY	10	\$5,000.00	0.00	\$0.00	0.00	\$0.00	\$50,000.00	0.00%	0.00	0.00
186	186	Early Completion of Phase 2A, Barryknoll Lane from	DAY	10	\$5,000.00	0.00	\$0.00	10.00	\$50,000.00	\$50,000.00	100.00%	10.00	10.00
187	187	Early Completion of Phase 2B, Barryknoll Lane	DAY	10	\$4,000.00	0.00	\$0.00	0.00	\$0.00	\$40,000.00	0.00%	0.00	0.00
188	188	Early Completion of Phase 3, Barryknoll Lane from	DAY	5	\$4,000.00	0.00	\$0.00	0.00	\$0.00	\$20,000.00	0.00%	0.00	0.00
		D TOTAL CONTRACTOR INCENTIVES					\$0.00		\$50,000.00	\$160,000.00			
189	189	Street Cut Permit Fee	LS	1	\$2,500.00	0.00	\$0.00	0.50	\$1,250.00	\$2,500.00	50.00%	0.50	0.50
190	190	TxDOT Permit Fee	LS	1	\$2,500.00	0.00	\$0.00	1.00	\$2,500.00	\$2,500.00	100.00%	1.00	1.00
191	191	Harris County Flood Control District Permit Fee	LS	1	\$2,500.00	0.00	\$0.00	1.00	\$2,500.00	\$2,500.00	100.00%	1.00	1.00
		E TOTAL CASH ALLOWANCE TABLE					\$0.00		\$6,250.00	\$7,500.00			
		Change order no. 1											
192-new	192-new	Pre-cast lids, concrete collars (replace Junc Box B136)	EA	1	\$11,929.75	0.00	\$0.00	0.00	\$0.00	\$11,929.75	0.00%	0.00	0.00
192-new	192-new	Construct Type C Manhole (60" diameter) on Box	EA	2	\$2,437.00	0.00	\$0.00	0.00	\$0.00	\$4,874.00	0.00%	0.00	0.00
		Change order no. 2											
192	192	Remove shoring at 21", 18", 15" and 12" sanitary sewer	LF	1994	\$26.38	0.00	\$0.00	1,994.00	\$52,601.72	\$52,601.72	100.00%	1,994.00	1,994.00

Total earned \$3,635,242.32
 5% retainage \$181,762.12
 Previously Paid \$3,358,063.63
 Monthly estimate \$95,416.58 **57**

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Barry Knoll East Drainage + Roadway Reconstruction

Outline Agreement No.: _____ WBS No.: T-170015-0001-3

Contractor's Company Name: Texas Sterling Construction, Co.

Address: 20810 Fernbush, Houston, Texas 77073

CERTIFICATION

Matthew Trespalacios, Contractor's Representative for the above referenced Contract, hereby certifies that (1) Contractor has paid all subcontractors, except those noted below, (2) Contractor made such payments (a) in proportion to the amount City paid Contractor and (b) in accordance and compliance with all applicable Contract Documents and laws; and (3) Contractor withheld no sums from any subcontractor for allegations of deficiency in Work. The term "subcontractor", as used herein, includes all persons or firms furnishing work, materials, services or equipment Contractor ordered incorporated into Work or placed near the Project for which the City made partial payment.

EXCEPTION: Contractor sent Payment Notifications to the following subcontractors explaining why Contractor withheld payment. Copies are attached.

Subcontractor Name: _____ Subcontractor Name: _____

Street Address: _____ Street Address: _____

City, State, and Zip Code: _____ City, State, and Zip Code: _____

Amount of Payment Withheld: _____ Amount of Payment Withheld: _____

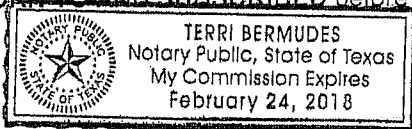
Date Payment First Withheld: _____ Date Payment First Withheld: _____

Description of Good Faith Reason: _____ Description of Good Faith Reason: _____

[Signature]
(Signature of Contractor's Representative)

Matthew Trespalacios
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on:



5/6/14
Date

Terri Bermudes
Notary Public in and for the State of Texas

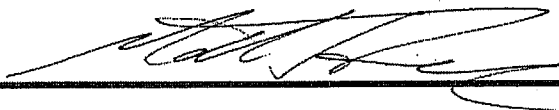
My Commission Expires: 02/24/18
Expiration Date

Terri Bermudes
Print or Type Name of Notary Public

Roadway Reconstruction Project
WBS No. T-170015-0001-3
April 2014 Monthly MBE/SBE Report

	Paid To date MBE 14%	Paid To date SBE 8%	Estimated Totals MBE 14%	Estimated Totals SBE 8%	Percent Complete MBE Goal	Percent Complete SBE Goal
14% MBE Summary						
DNA Trucking	\$226,891.31		\$304,080.00		74.62%	
H&E Aggregate	\$306,324.97		\$355,687.50		86.12%	
Maintenance to Go	\$40,899.61		\$37,885.50		107.96%	
Reliable Signal	\$76,357.00		\$119,230.00		64.04%	
	<u>\$650,472.89</u>		<u>\$816,883.00</u>		<u>11.07%</u>	

8% SBE Summary						
Batterson		\$43,846.70		\$34,790.70		126.03%
CPSI (Paving supplies)		\$44,246.50		\$16,000.00		276.54%
El Dorado Paving		\$137,920.81		\$258,373.70		53.38%
Mickie Services		\$2,725.00		\$2,725.00		100.00%
Professional Traffic Control		\$105,580.60		\$158,288.00		66.70%
		<u>\$334,319.61</u>		<u>\$470,177.40</u>		<u>5.69%</u>



5/6/2014

Matthew Trespalacios
Project Manager
Texas Sterling Construction, Co.



MEMORIAL CITY REDEVELOPMENT AUTHORITY
Tax Increment Reinvestment Zone No. 17

Estimate No. : 7
 Cut Off Date : 04/30/14
 Estimate Date : 05/09/14

**ESTIMATE AND CERTIFICATE FOR
 PAYMENT UNIT PRICE WORK**

Project Name : Briar Branch Stormwater Detention Basin
 Contractor Name : L.N. McKean, Inc.
 Address : P.O. Box 130250
 The Woodlands, TX 77393

WBS No. : T-17000-0011-6

Contract Date : 7/31/2013
 Start Date : 8/21/2013
 Current Contract Completion Date : 3/26/2014
 Substantial Completion Date : 3/25/2014
 Percentage By Time : 99.54% In Place : 84.31%
 Date Insurance Exp. : 9/30/2014 Drug Policy Due Date: N/A Current M/SBE : 19.0/3.5% Schedule Update Received : 2/5/2014

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time : 180
 Approved Extensions : 37
 Total Contract Time : 217
 Days Used to Date : 216
 Days Remaining to Date : 1

CONTRACT AMOUNT TO DATE :

1. Original Contract Amount \$2,835,903.90
 2. Approved Change Orders

No	Date	Ext. Days	Amount

Total Approved Extensions 0 Total Change Orders to Date \$0.00

3. Approved Work Change Directives

No	Date	Amount

Total Pending Work Change Directives to Date \$0.00

TOTAL CONTRACT AMOUNT (excludes WCDs) \$2,835,903.90

A. EARNINGS TO DATE

- | | | | |
|--|-----------------|-----------------------|---|
| 1. Work Completed to Date | 84.31% Complete | <u>\$2,390,849.42</u> | |
| 2. Material Stored on Site | \$ 0.00 | | |
| 3. Material Stored in Place | \$ 0.00 | | |
| 4. Balance-Materials Accepted Not in Place | \$ 0.00 | | @ 85% <u>\$0.00</u> |
| 5. Work Change Directives - In Place | | | <u>\$0.00</u> |
| | | | TOTAL EARNINGS TO DATE <u>\$2,390,849.42</u> |

B. DEDUCTIONS

- | | | | | |
|-----------------------------|-------------|----------------|---------------------|---|
| 1. Retainage | 5% Of | \$2,390,849.42 | <u>\$119,542.47</u> | |
| 2. Retainage Release | 0% Of | \$2,390,849.42 | <u>\$0.00</u> | |
| 3. Total Retainage | | | | <u>\$119,542.47</u> |
| 4. Liquidated Damages | 0.00 Days @ | \$2,500.00 | | <u>\$0.00</u> |
| 5. Assessments | | | | <u>\$0.00</u> |
| 6. Inspector Overtime Costs | | | | <u>\$0.00</u> |
| | | | | TOTAL DEDUCTIONS <u>\$119,542.47</u> |

C. AMOUNT DUE THIS PERIOD

- | | | |
|---------------------------|-----------------------|--|
| 1. Total Earnings to Date | <u>\$2,390,849.42</u> | |
| 2. Total Deductions | <u>\$119,542.47</u> | |
| 3. Total Payments Due | | <u>\$2,271,306.95</u> |
| 4. Less Previous Payments | | <u>\$2,169,895.21</u> |
| 5. Restoration Adjustment | | <u>\$0.00</u> |
| | | TOTAL AMOUNT DUE CONTRACTOR THIS DATE <u>\$101,411.74</u> |

BALANCE REMAIN \$564,596.95

Prepared By Richard L Butler

Checked By Katie Ghutzman 5/12/14
 Date

Reviewed By Muhammad Ali 5/12/2014
 Date

Don Huml: Executive Director
 Reviewed: [Signature]
 Date: 05-20-2014

L.N. McKean, Inc.
P.O. Box 130250
The Woodlands, TX 77383

Type of Estimate: Construction
Estimate Number: 7
Page 1 of 1

Partial or Final: Partial
Date: 05/07/2014

Briar Branch (W140-01-00) Stormwater Detention Basin
WBS No. T-17000-0011-6
Harris County Project #2019134
Owner:
Memorial City Redevelopment Authority

Period Covered
03/01/2014 - 04/30/2014

Date Work Commenced: 08/21/2013
Date Contract Awarded: 08/14/2013

Date Work Completed:
Percentage Complete: 63.61%

Item No.	Spec. Ref.	Description	Unit of Measure	Total Work			Percent Completed	Contract Price	Amount	
				Contract Quantity	This Estimate	Total Work Last Estimate				
1	1502	Mobilization	LS	1	1.00	1.00	100.00%	\$125,000.00	\$125,000.00	
2	1555	Uniformed Police Officer	HR	1800	33	992.00	1025.00	56.94%	\$40.00	\$41,000.00
3	1555	Traffic Control & Regulation	LS	1	1.00	1.00	100.00%	\$5,000.00	\$5,000.00	
4	2220	Remove & Dispose of Existing Waterline	LF	915	915.00	915.00	100.00%	\$10.00	\$9,150.00	
5	2220	Remove & Dispose of Existing Sanitary Sewer	LF	866	866.00	866.00	100.00%	\$10.00	\$8,660.00	
6	2220	Remove & Dispose of Existing Sanitary Manhole	EA	1	1.00	1.00	100.00%	\$500.00	\$500.00	
7	2220	Remove & Dispose of Existing 36" RCP	LF	592	592.00	592.00	100.00%	\$12.00	\$7,104.00	
8	2220	Remove & Dispose of Existing 30" RCP	LF	52	52.00	52.00	100.00%	\$12.00	\$624.00	
9	2220	Remove & Dispose of Existing Inlet	EA	3	3.00	3.00	100.00%	\$500.00	\$1,500.00	
10	2220	Remove & Dispose of Existing Concrete Foundation	SY	333	333.00	333.00	100.00%	\$12.00	\$3,996.00	
11	2233	Clearing & Grubbing	AC	8.22	8.22	8.22	100.00%	\$6,000.00	\$49,320.00	
12	2241	Care & Control of Water	LS	1	1.00	1.00	100.00%	\$25,000.00	\$25,000.00	
13	2269	Trench Shoring System 5 to 20 ft.	LF	167	167.00	167.00	100.00%	\$1.00	\$167.00	
14	02315	Excavation	CY	113000	-12618	113000.00	100382.00	88.83%	\$10.75	\$1,079,106.50
15	02315	Imported Select Fill	CY	8000		8000.00	8000.00	100.00%	\$14.00	\$112,000.00
16	2361	Reinforced Silt Fence	LF	2380		2430.00	2430.00	102.10%	\$1.50	\$3,645.00
17	2364	Filler Dam (Type 3)	LF	150		50.00	50.00	33.33%	\$25.00	\$1,250.00
18	2365	Stabilized Construction Access	SY	350		350.00	350.00	100.00%	\$15.00	\$5,250.00
19	2376	Backslope Ditch Interceptor Structure with 24" CMP	EA	2		2.00	2.00	100.00%	\$5,700.00	\$11,400.00
20	2376	10' Wide Concrete Pilot Channel	LF	1465		1344.00	1344.00	91.74%	\$80.00	\$107,520.00
21	2376	Concrete Channel Lining, 6"	SY	3732		3413.82	3413.82	91.47%	\$71.00	\$242,381.22
22	2378	18" Thick (min) Riprap, Gradation No. 1	CY	100		100.00	100.00	100.00%	\$80.00	\$8,000.00
23	2378	24" Thick (min) Riprap, Gradation No. 2	CY	650		650.00	650.00	100.00%	\$98.00	\$63,700.00
24	2462	Steel Sheet Piling	SF	3039		3039.00	3039.00	100.00%	\$30.00	\$91,170.00
25	2462	24" CMP	LF	83		102.00	102.00	122.89%	\$69.00	\$7,038.00
26	2462	36" CMP	LF	82		82.00	82.00	100.00%	\$85.00	\$6,970.00
27	2630	Type "C" Manhole	EA	1		1.00	1.00	100.00%	\$5,000.00	\$5,000.00
28	2632	Headwall / Outfall Structure	EA	1		1.00	1.00	100.00%	\$9,500.00	\$9,500.00
29	2633	24" Heavy Duty Flap Gate	EA	1		1.00	1.00	100.00%	\$3,000.00	\$3,000.00
30	2911	Mulch Top Dressing	SF	25441	25441		25441.00	100.00%	\$0.50	\$12,720.50
31	2915	Tree Planting - 5 GAL	EA	172	172		172.00	100.00%	\$70.00	\$12,040.00
32	2915	Tree Planting - 7 GAL	EA	123	86		86.00	69.92%	\$100.00	\$8,600.00
33	2915	Tree Planting - 15 GAL	EA	58	45		45.00	77.59%	\$350.00	\$15,750.00
34	2915	Tree Planting - 30 GAL	EA	74	58		58.00	78.38%	\$600.00	\$34,800.00
35	2915	Tree Planting - 45 GAL	EA	58	55		55.00	94.83%	\$750.00	\$41,250.00
36	2922	Turf Est - Sodding	SY	13539	2848		2848.00	21.04%	\$4.00	\$11,392.00
37	2923	Turf Est - Hydromulch Seeding w/ Mulch	SY	20308	31734		31734.00	156.26%	\$0.50	\$9,520.20
38	329301	Landscape Maintenance	LS	1			0.00	0.00%	\$7,500.00	\$0.00
39	2940	Irrigation	LS	1	0.95		0.95	95.00%	\$100,000.00	\$85,000.00
40	2317	6" Over-Excavate Trench Bottom	LF	165			0.00	0.00%	\$4.00	\$0.00
41	2318	Excavation Around Obstructions	CY	100			0.00	0.00%	\$30.00	\$0.00
42	2318	Extra Hand Excavation	CY	100			0.00	0.00%	\$15.00	\$0.00
43	2318	Extra Machine Excavation	CY	100			0.00	0.00%	\$20.00	\$0.00
44	2318	Extra Placement of Backfill Material	CY	100			0.00	0.00%	\$6.00	\$0.00
45	2321	Extra Cement Stabilized Sand	CY	100			0.00	0.00%	\$30.00	\$0.00
46	2269	Extra Trench Shoring System 5 - 20 ft	LF	20			0.00	0.00%	\$4.00	\$0.00
47	02120	Excavation (existing embankments, and extra	CY	11300		11300.00	11300.00	100.00%	\$10.00	\$113,000.00
48	02315	excavation for sand areas within proposed basin)	CY							
48	2376	Extra Concrete Channel Lining, 6"	SY	350			0.00	0.00%	\$80.00	\$0.00
49	2378	Extra 18" Thick Rip Rap Gradation No 1	CY	10			0.00	0.00%	\$100.00	\$0.00
50	2378	Extra 24" Thick Rip Rap Gradation No 1	CY	10			0.00	0.00%	\$150.00	\$0.00
51	2462	Extra Steel Sheet Piling (Weir)	SF	100			0.00	0.00%	\$100.00	\$0.00
52	2462	Extra 24" CMP	LF	10			0.00	0.00%	\$65.00	\$0.00
53	2462	Extra 36" CMP	LF	10			0.00	0.00%	\$100.00	\$0.00
54	2922	Extra Turf - Sodding	SY	1500			0.00	0.00%	\$5.00	\$0.00
55	2923	Extra Turf - Hydromulch Seeding	SY	2000			0.00	0.00%	\$0.20	\$0.00
56	1555	Extra Uniformed Police Officer	HR	180			0.00	0.00%	\$40.00	\$0.00
57	00800	01110 Early Completion	DAY	20			0.00	0.00%	\$5,000.00	\$0.00
58	1110	TXDOT Permit	LS	1			0.00	0.00%	\$2,500.00	\$0.00
59	1110	Harris County Flood Control Permit	LS	1		1.00	1.00	100.00%	\$2,500.00	\$2,500.00
60	1110	Notice of Intent (SWPPP) Filing Fee	LS	1		1.00	1.00	100.00%	\$325.00	\$325.00
61	1110	Street Cut Permit	LS	1			0.00	0.00%	\$2,500.00	\$0.00

Total amount of work to date \$2,380,849.42
Amount retained (5%) \$119,542.47
Previously billed \$2,169,895.21
Amount due for payment \$101,411.74
Original Contract Amt \$2,835,903.80

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Briar Branch (W140-01-00) Stormwater Detention Basin

Outline Agreement No.: _____ WBS No.: T-17000-0011-6

Contractor's Company Name: L.N. McKean, Inc.

Address: P.O. Box 130250, The Woodlands TX 77393

CERTIFICATION

_____, Contractor's Representative for the above referenced Contract, hereby certifies that (1) Contractor has paid all subcontractors, except those noted below, (2) Contractor made such payments (a) in proportion to the amount City paid Contractor and (b) in accordance and compliance with all applicable Contract Documents and laws; and (3) Contractor withheld no sums from any subcontractor for allegations of deficiency in Work. The term "subcontractor", as used herein, includes all persons or firms furnishing work, materials, services or equipment Contractor ordered incorporated into Work or placed near the Project for which the City made partial payment.

EXCEPTION: Contractor sent Payment Notifications to the following subcontractors explaining why Contractor withheld payment. Copies are attached.

Subcontractor Name: _____	Subcontractor Name: _____
Street Address: _____	Street Address: _____
City, State, and Zip Code: _____	City, State, and Zip Code: _____
Amount of Payment Withheld: _____	Amount of Payment Withheld: _____
Date Payment First Withheld: _____	Date Payment First Withheld: _____
Description of Good Faith Reason: _____	Description of Good Faith Reason: _____

[Signature]
(Signature of Contractor's Representative)

Lee McKean
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on:

05/09/14
Date



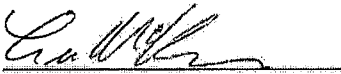
[Signature]
Notary Public in and for the State of Texas

My Commission Expires Aug 2014
Expiration Date

L.A. Ramsey
Print or Type Name of Notary Public

L. N. McKean, Inc.
April 2014 Monthly MBE/SBE Report

	Paid to date MBE 14%	Paid to date SBE 8%	Estimated Totals MBE 14%	Estimated Totals SBE 8%	% Complete MBE Goal	% Complete SBE Goal
<u>14% MBE Summary</u>						
Texas Site Solutions	\$475,000.00		\$333,400.00		142.47%	
<u>8% SBE Summary</u>						
Redeemed Trucking		\$44,105.00		\$100,000.00		44.11%



5/9/2014

Lee McKean
 President



May 21, 2014

Don Huml, Executive Director
Memorial City Redevelopment Authority / TIRZ 17
8955 Katy Freeway, Suite 215
Houston, Texas 77024

Attention: Mr. Don Huml

**Re: Town and Country West Drainage and Mobility Improvements TIRZ 17
CIP No. T-1717 Proposal for Phase II Detailed Design**

Dear Mr. Huml,

Lockwood, Andrews and Newnam, Inc. (LAN) is pleased to submit this proposal for engineering services consisting of the preparation of detailed design services for roadway, drainage, pedestrian, public utilities and traffic improvements along Town and Country Way and Town and Country Boulevard.

The proposed project is identified in the current TIRZ 17 five-year Capital Improvement Plan. Engineering services required to provide the necessary construction documents for the proposed recommended improvements will be based on recommendations in the Preliminary Engineering Report.

Review submittals to the City of Houston will be presented at the 60%, 90%, and final phase of detailed design work. The submittals will include the construction drawings as well as detailed construction cost estimates.

We propose to perform detailed design services for an amount of \$668,000. A detailed Scope of Services can be found in Exhibit "A". Exhibit "B" provides a detailed breakdown estimate of the fees for the basic engineering services and additional services.

We are prepared to begin this work immediately and anticipate completing Phase I within 10 months. A detailed schedule can be found in Exhibit "C".

Please feel free to contact me at (713)266-6900 if you have any questions or need additional information.

Sincerely,

Muhammad Ali, P.E.
Project Manager

MA:ro:pt

Attachments: Exhibit A – Scope of Services
Exhibit B – Fee Schedule
Exhibit C – Schedule
Exhibit D – C.N. Koehl Urban Forestry, Inc. Tree Protection Proposal

Exhibit E – Aviles Engineering Corp, Geotechnical Investigation
Exhibit F – Aviles Engineering Corp, Geotechnical Investigation - Zapata
Exhibit G – Kuo & Associates, Topographic Survey
Exhibit H – Kuo & Associates, Topographic Survey – Zapata
Exhibit I – GHD - Required City Independent Peer Review -Roundabout design

Exhibit A
Town and Country West Drainage & Mobility Improvements
Scope of Services
PHASE II – DETAILED DESIGN

This proposal is for professional engineering services (PH-II) for the drainage, roadway, public utilities, pedestrian and traffic improvements along Town and Country Blvd and Town and Country Way. The proposed project is identified in the current TIRZ 17 five-year Capital Improvement Plan.

The following scope details the procedures that will be followed to provide civil engineering services to provide bid-ready design plans for the project. Town & Country Way will be reconstructed from Town & Country Lane to Town & Country Blvd. Town & Country Way will also extend west, to the Beltway 8 frontage road. A single-lane roundabout (diameter = 125 feet) will be constructed at the intersection to improve traffic flow, safety and eliminate the 75' offset between the Northbound and Southbound Town and Country Blvd approaches. Large reinforced concrete boxes varying in size, from 5'x4' to 10'x10', will be installed under the proposed roadway to maximize detention. The public utilities, within the project alignment, will also be upgraded or replaced. The scope of work for the detailed design includes the preparation of detailed construction documents in accordance with the City of Houston Standards, including the City of Houston *Infrastructure Design Manual* dated July 2012, *Technical Paper 100*, and *Technical Paper 101*, TxDOT standards and Roundabouts: An Informational guide (*Federal Highway Administration*).

I. ALTERNATIVE ENGINEERING ANALYSIS

1. Environmental Site Assessment – 909 Town and Country Way

Prepare an environmental site assessment as part of the City's requirements of acquiring property at 909 Town and Country Boulevard. The Phase I ESA shall be prepared on behalf of and for the exclusive use and reliance of Memorial City Redevelopment Authority (MCRDA), solely for use in environmental evaluation of the acquired property.

2. Environmental Site Assessment–906 W Sam Houston Pkwy N & 10655 Katy FWY

Prepare an environmental site assessment as part of the City's and the Developer Exchange agreement requirements for the properties at of 906 W Sam Houston Pkwy N & 10655 Katy FWY. The Phase I ESA shall be prepared on behalf of and for the exclusive use and reliance of MCRDA, solely for use in environmental evaluation of the acquired property.

3. Preliminary Analysis for maximizing detention and relocating utilities-

Preliminary analysis will be conducted to maximize detention for the Town and Country Way drainage system to increase the benefit to the community. Public utilities which may require to be relocated to assist in achieving maximum detention will be identified.

4. Alternative Roundabout Option

Evaluate geometric modifications to the roundabout option at the Town and Country Way intersection to address the misalignment at Town and Country Way and Town and Country Boulevard.

5. Fence/sign for vacant lot

Assist MCRDA in fencing off and installing a sign at the vacant lot at 909 Town and Country Way by providing fence detail plans and a sign plan.

II. BASIC ENGINEERING SERVICES

A. ROADWAY PLAN PRODUCTION

1. General Sheets

The cover sheet will be prepared in accordance to City of Houston drawing requirements. Cover sheet will include area key map and vicinity map to identify project location.

General construction notes will be prepared for the project including standard City of Houston notes for roadway, traffic, storm sewer, water line and sanitary sewer construction.

2. Existing and Proposed Typical Sections

Existing and proposed horizontal dimensions, pavement structure makeup and thickness, typical locations of existing buried utilities, right-of-way and easements, sidewalks, shoulders, and drainage ditches will be shown.

3. Plan and Profile Sheets

The plan and profile sheets, which will follow the City of Houston's drawing requirements, will include existing topography and utilities, proposed alignment and proposed pavement footprint for the recommended alternate in plan view. The profile will include natural ground at the limits of the existing right-of-way and at the centerline of the existing roadway. The plan and profile sheets will indicate the approximate location, size per available data, age of service lines, and capacity of all public utilities and will indicate approximate location and size per available data for private utilities. Detailed layout sheets for the single-lane roundabout depicting its geometry, drainage, pedestrian ramps, sidewalks and other components will also be prepared.

4. Standard and Non-standard Details Sheets

City of Houston Design Details will be included where applicable and edited if necessary to suit the intended use for this project. Additional nonstandard details will be prepared for bidding and construction of the project.

5. Cross Sections

Cross sections will be produced along the project baseline at 50 foot intervals. Cross sections will include existing ground and proposed pavement, subgrade and sidewalks within the right-of-way limits.

6. Signing and Pavement Marking Sheets

Signing and Striping Sheets will be prepared in accordance with City of Houston Design Criteria and the *Manual on Uniform Traffic Control Devices, 2011 Edition* and *Roundabouts: An Informational guide (Federal Highway Administration)*.

B. WATER LINE & SANITARY SEWER DESIGN

1. General Notes

General waterline and sanitary sewer construction notes will be prepared for the project including standard City of Houston notes.

2. Plan & Profile Drawings

The proposed water line and sanitary sewer improvements will be shown on dedicated sheets, and drawn in accordance with City of Houston design standards. The existing 12-inch water line along Town & Country Way and Town & Country Blvd. will be replaced within the project limits. Also, the proposed 12-inch water line will be extended within the new portion of Town & Country Way from Town & Country Blvd. to Beltway 8 Frontage Rd. Proposed fire hydrant locations and interconnections will be shown. The existing 12-inch sanitary sewer along Town & Country Way and the existing 10-inch sanitary sewer along Town & Country Blvd. will be replaced.

3. Standard Details

City of Houston Design Details will be included where applicable and edited if necessary to suit the intended use for this project. Additional nonstandard details will be prepared for bidding and construction of the project.

4. Water and Sanitary Sewer Crossings

Cross section details will be provided to show water and sanitary sewer crossing details and clearances from existing and proposed utilities.

C. DRAINAGE DESIGN

1. Existing Conditions Overall Drainage Area Map

Existing drainage area boundaries of the project site will be determined based on the best available data and with reference to those determined in the PER. Means for determining drainage area boundaries include but are not limited to City and TxDOT as-built information, LiDAR, field visits, City GIS data, and the City's Comprehensive Drainage Plan. An Overall Drainage Area Map at a 1 inch equals 200 feet scale from the project outfall at IH-10 to the upstream limits will be developed.

2. Proposed Conditions Overall Drainage Area Map

Proposed conditions drainage area boundaries of the project site will be determined based on the existing conditions overall drainage area map and incorporating changes from the planned improvements. Means for determining drainage area boundaries include but are not limited to as-built information, LiDAR, field visits, City GIS data, 2D modeling, and the City's Comprehensive Drainage Plan. An Overall Drainage Area Map at a 1 inch equals 200 feet scale from the project outfall at IH-10 to the upstream limits will be developed.

3. Proposed Conditions Detailed Drainage Area Map

A proposed conditions drainage area map for the project limits at a scale of 1 inch equals 40 feet will be developed. The drainage areas prepared for the PER will be updated to a CAD format and reflect any comments on the PER.

4. Existing Condition 2-Year Storm Sewer Analysis

The existing storm sewer trunkline XP-SWMM model from the outfall to the upstream project limits for the 2-year storm event will be updated to reflect any comments from the PER and to incorporate drainage area changes. Hydraulic data summary sheets, based on standard HouStorm output, will be developed for key locations in the project area for the 2-year event. A HouStorm analysis will be developed to meet standard City review.

5. Existing Condition 100-Year Extreme Event Analysis

The existing storm sewer trunkline XP-SWMM model from the outfall to the upstream project limits for the 100-year storm event will be updated to reflect any comments from the PER and to incorporate drainage area changes. Hydraulic data summary sheets, based on standard HouStorm output, will be developed for key locations in the project area for the 100-year event. A HouStorm analysis will be developed to meet standard City review.

6. Final Sub-Surface Detention Evaluation

The final recommended mitigation and sub-surface detention option identified in the PER will be analyzed and refined. This option includes extending the outfall to the west in the IH-10 east bound frontage road to gain storm sewer depth. The mitigation analysis will include inline detention in the form of an oversized storm sewer, which will be maximized within the proposed ROW to the extent constructible with reasonable cost and utility conflict resolution.

7. Proposed Storm Sewer 2-Year Design

The initial PER trunkline design will be revised by the Consultant to incorporate any necessary changes. Hydraulic data summary sheets, based on standard HouStorm output, will be developed for key locations in the project area for the 100-year event. Necessary sizing, location, elevation, and cover requirements of trunkline will be determined. A HouStorm analysis will be provided for Inlet Analysis only.

8. Proposed Storm Sewer 100-Year Extreme Event Analysis

The proposed trunkline design will be analyzed by the Consultant for compliance with the City's Extreme Event 100-year criteria. Hydraulic data summary sheets, based on standard HouStorm output, will be developed for key locations in the project area for the 100-year event. A HouStorm analysis will be provided for Inlet Analysis only.

9. Plan and Profile Sheets

Plan and Profile sheets will primarily be developed under the Roadway Design scope of services. Drainage design components such as the proposed storm sewers, and hydraulic data such as hydraulic grade lines, will be added to the plan and profile sheets.

10. Storm Sewer Layout Sheets

Plan view layout sheets will be prepared for the storm sewer system to illustrate the necessary details of multiple parallel boxes, interconnected locations, and utility clearances. These sheets will supplement the standard plan and profile sheets by providing clarity for a complex drainage system.

11. IH-10 Outfall Sheets

Plan and Profile sheets will be developed for the outfall extension in the east bound frontage road south ROW. These sheets will include the connection into the existing TxDOT storm sewer trunkline and the necessary pavement replacement.

12. Storm Sewer Lateral Sheets

Storm sewer lateral sheets will be prepared for the purpose of illustrating the profile view of storm sewer components that cannot easily be displayed on the roadway plan and profile sheets.

13. Storm Sewer Custom Details

The consultant will develop non-standard or custom details including custom junction boxes to accommodate oversized and large storm sewer trunklines. Additional custom details will include but are not limited to:

- Equalizing structures for parallel storm sewer trunklines
- Restrictor and flap gate at IH-10
- Four junction boxes (additional junction boxes require an additional service)

D. PROJECT MANAGEMENT, COORDINATION & DELIVERABLES

1. Project Management / Project Controls

Project management activities are ongoing through the period of the contract and will include items such as participation in the crafting of the Project Management Plan, preparing contract correspondence, transmitting deliverables (60%, 90% & Final signed & sealed plans), preparing invoices, documenting the quality control process, and other project oversight activities. The final activity of this task is the overall project closeout, which includes a meeting with the TIRZ.

2. Agency Coordination, Approvals & Signatures

- a. Throughout the project, coordination meetings will be organized as necessary with Harris County Tollroad Authority, TxDOT, and the City of Houston. Additionally, updates will be given at the monthly board meetings as necessary.
- b. It is anticipated that several meetings will be required with representatives from the City of Houston. The product of this effort will be recommendations for roadway and drainage improvements. Meetings with the City's maintenance division will also be necessary.
- c. All required signatures will be obtained from governmental agencies and public utilities, which may influence the project design. Governmental agencies to be contacted include City of Houston, and TxDOT.
- d. TxDOT has jurisdiction over construction on the IH-10 corridor; therefore, the necessary approvals (permits, license agreements, etc.) will be obtained from TxDOT prior to bidding. Additionally, TxDOT requires approval of the drainage design as the IH-10 corridor storm sewer serves the project limits.

3. Private Utility Coordination

- a. Utility signatures will be obtained from AT&T, Centerpoint Energy Gas and Electric, and potentially other companies such as Comcast.

- b. Utility Conflict Resolution
 - 1. Utility companies will be notified of all potential conflicts with proposed work. Meetings will be arranged with utility companies and the City of Houston in effort to resolve conflicts and move private utilities in a timely manner.
 - 2. City of Houston Preliminary and Final Utility Conflict Notification Letters will be prepared and forwarded to the City of Houston Utility Coordinator for distribution.

4. Specifications

- a. Specifications will be prepared in accordance with the Construction Specification Institute (CSI) standard format adopted by the City of Houston and will use the City of Houston Standard Specifications Table of Contents for Construction Documents as a guide for the organization of the Contract Documents. Each Standard Specification will be reviewed and supplemented as necessary to suit Project-specific requirements and to meet the design intent of the Project and will prepare additional nonstandard specifications necessary for bidding and construction of the project.
- b. Front-end documents for the project specifications will be prepared.

5. Estimate of Construction Cost

Construction cost estimates will be prepared for each review submittal of the Detailed Design.

6. Coordination with Stakeholders/Right-of-way Acquisition

Meetings will be held with Stakeholders including City Centre and Trammel Crow to coordinate traffic control, new driveway locations, widths, modifications to offsite parking & circulation.

Additional right-of-way will be required to accommodate the Town and Country Way Roadway extension and the realignment of Town and Country Boulevard. Support will be given to MCRA in preparing exhibits and meetings with stakeholders to present the improvements and impacts to their properties.

E. PROJECT QUALITY CONTROL

1. Quality Assurance / Quality Control

A thorough Quality Assurance/Quality Control (QA/QC) Plan will be implemented to ensure overall project constructability, cost estimate accuracy, and design conformance with industry standards and client-specific requirements and preferences. The LAN QA/QC Plan mandates an extensive review process that will occur at multiple design milestones throughout the duration of the project, and includes the specific procedures to be followed by third-party technical reviewers, itemized review checklists, and guidelines for incorporating reviewer comments. The multi-staged review process will result in the early identification of design concerns and allow the designer ample opportunity to seek resolution and/or clarification from the client.

F. BID PHASE SERVICES

1. Project Advertisement

LAN will prepare the legal notice advertising the project bidding and have an advertisement placed in the Houston Business Journal. LAN will also provide project bid documents to local plan rooms.

2. Conduct Pre-Bid Conference Meeting

LAN will schedule and conduct a pre-bid conference meeting to provide bidders with project overview and answer questions regarding the project.

3. Prepare Necessary Addenda

LAN will prepare any necessary addenda to the bidding documents to address issues or make clarifications.

- 4. Conduct Bid Opening**
LAN will conduct the bid opening at LAN's office and prepare bid tabulation sheets comparing all bids received.
- 5. Evaluate Bid Proposals**
LAN will evaluate the bids received for accuracy and any bid irregularities. An award recommendation will be made to MCRA based on the evaluation of bids.
- 6. Contract Preparation Assistance**
LAN will assist the MCRA in final contract preparation including obtaining necessary forms and signatures from the successful low bidder and MCRA's attorney, printing and compiling the final contract documents, and delivery of signed contracts to MCRA and the contractor. LAN will also prepare a Notice to Proceed for the contractor to begin the Construction Phase of the project.

III. ADDITIONAL ENGINEERING SERVICES

The Additional Services are summarized below.

A. SPECIAL DESIGN SERVICES

The following sections present our proposed scope and fee to provide civil engineering services for the Town and Country Way project.

- 1. Traffic Control Plans**
Traffic Control Plans will be prepared in accordance with the *Texas Manual on Uniform Traffic Control Devices, 2011 Edition*. City of Houston standards will be used for the project limits within the City's right-of-way and TxDOT's standards will be referenced at IH-10 and BW8 frontage road.
- 2. Storm Water Pollution Prevention Plan**
SWPPP drawings and specifications will be prepared in compliance with the Environmental Protection Agency (EPA) as part of the construction documents.
- 3. Lighting Plans**
Lighting plans will be prepared in accordance with City of Houston's Guidelines for Street Lighting Installations and Relocations.
- 4. Environmental Site Assessment PH-II**
PH-I ESA warranted further investigation, therefore; a Phase II Environmental Site Assessment will be prepared in accordance with Section 11.26 of Chapter 11 – Geotechnical and Environmental Requirements (07-01-2011), City of Houston Department of Public Works and Engineering Design Manual.
- 5. Parking Lot Design – Zapata Tract**
Per the Developer Exchange Agreement, LAN will provide professional engineering services to design/convert the Zapata Tract to a parking lot and connect it to the existing adjacent 4 Points Sheraton parking lot. The plans will be prepared in accordance with City of Houston's Guidelines. The services are summarized below:
 1. Prepare Civil Site Plans to include:
 - a. Dimension Control
 - b. Site Grading to include layout and elevations.
 - c. Storm Water Drainage
 - d. Water, Sanitary, and Storm Sewer Details
 2. Attend 1 onsite coordination meetings.
 3. Prepare plans for Owner review when design is 60% complete and address Owner comments.
 4. Prepare plans for review and approval by the City of Houston permits department.
 5. Provide a hard copy and PDF copy of the final civil site plan drawings, project specifications and an opinion of probable construction cost for the civil site work.

This proposal includes the assumption that the City of Houston will allow storm drainage to outfall to the adjacent parking lots, detention will not be required and that no additional improvements to the existing water, wastewater, and storm water systems will be necessary. This assumption will be confirmed by response letters from the City of Houston to the storm water availability application. This proposal does not include wastewater and storm water capacity application fees or any region impact fees required by the City of Houston.

This proposal does not include City of Houston fees for the various required plan review and construction permit fees. The construction permit fees are based on estimated construction costs for each phase and at this time we do not have sufficient information to estimate the fees.

6. TxDOT Hydraulic Impact Analysis Report

TxDOT will require a submittal demonstrating no impact to their drainage infrastructure due to the proposed project. The consultant will prepare a Hydraulic Impact Analysis Report for use in obtaining the necessary approvals from TxDOT.

IV. SUBCONTRACTED SERVICES

The Subcontracted Services are summarized below.

1. Urban Forestry Services

The proposed tree protection plan required for the design effort will be provided by C.N. Koehl Urban Forestry, Inc. A detailed proposal for this work is included in this proposal.

2. Geotechnical Investigation

Aviles will conduct a geotechnical investigation for the updated Town and Country project limits identified in the Preliminary Engineering report in general accordance with Chapter 11 of the 2011 City of Houston Infrastructure Design Manual.

3. Geotechnical Investigation – Zapata Tract

Aviles will conduct a geotechnical investigation for the Zapata Tract project limits in general accordance with Chapter 11 of the 2011 City of Houston Infrastructure Design Manual.

4. Survey

Kuo and Associates will perform additional topographic surveying services in general accordance with Chapter 2 – Survey Requirements of the 2011 City of Houston Infrastructure Design Manual. Refer to Kuo’s proposal for more details on the scope of work.

5. Survey - Zapata

Kuo and Associates will conduct an updated survey for the Zapata tract in general accordance with Chapter 2 – Survey Requirements of the 2011 City of Houston Infrastructure Design Manual. Refer to Kuo’s proposal for more details on the scope of work.

6. Storm Sewer TV Inspection Services

A storm sewer inspection will be performed on the existing 42” storm sewer that connects to IH-10 to confirm the record drawings findings. The City of Houston will be contacted to coordinate efforts for this work.

7. Required City Independent Peer Review – Roundabout design

Due to the limited number of roundabouts in Houston, the City of Houston requires an independent peer review by an established expert in the area of roundabout design to review all roundabout designs in the City of Houston. GHD Inc. will conduct the peer review. GHD’s roundabout service line, formerly Ourston Roundabout Engineering, specializes in all aspects of roundabout design from program initiation through final plans and construction consultation. Their roundabout engineering team has been designing safe and efficient roundabouts since 1990. As part of GHD’s peer review, they will complete a technical memorandum documenting the operational analysis and the conceptual design review that can be forwarded to the City.

8. Electrical Engineering Services – Zapata Tract

Additional light poles as required will be designed to adequately light the new parking lot configuration. A power distribution system will also need to be designed. The design will be in compliance to City standards and codes.

9. TDLR Inspection

In accordance with the Texas Accessibility Standards (TAS), during the design phase a certified TAS inspector will review the plans, confirm that there are accessible, safe routes for individuals with disabilities in accordance with the Texas Department of Licensing and Regulations (TDLR).

10. Prepare Survey plats and Meets & Bounds

To satisfy City of Houston right-of-way acquisition requirements, boundary surveying services and survey plats and metes and bound descriptions will need to be performed. Survey will comply with Category 1A, Condition 2 survey of the latest TSPS Manual and City of Houston survey requirements as applicable/feasible.

V. SERVICES NOT INCLUDED IN SCOPE OF WORK

The following services shall be considered outside of the Basic Scope of Services and if necessary would be provided under a separate or amended authorization.

1. Landscape Architectural Services

The landscape plans required for the design effort will be provided by SWA and no budget is included in this proposal for Landscape Architectural services other than coordination efforts.

2. Subsurface Utility Excavation

If subsurface utility excavation is necessary, a separate proposal for this effort will be provided under a separate authorization.

3. Retaining Wall design

If efforts for additional right-of-way require a retaining wall design, a separate proposal for this effort will be provided under a separate authorization.

4. Construction Phase Services

The review of submittals, requests for information, or attending meetings during construction would require a separate work authorization.

5. Construction Management Services

Inspections during construction, processing contractor's pay estimates or attending meetings during construction would require a separate work authorization.

Exhibit B
Town and Country Boulevard Improvements
LEVEL OF EFFORT

PHASE II - DETAILED DESIGN

I. ALTERNATIVE ENGINEERING ANALYSIS

DESCRIPTION OF WORK TASKS	Sr. PROJ MGR	PROJ MGR	PROJECT ENGINEER	GRAD ENGINEER	CADD TECH	ADMIN ASST	TOTAL HOURS	LABOR COSTS
A. Alternative Engineering Analysis Services								
1 Environmental Site Assessment (909 Town & Country)	0	8	26	0	0	4	38	\$ 5,640.00
2 Environmental Site Assessment (Tracts A, B1 & B2)	0	8	32	0	0	4	44	\$ 6,540.00
3 Preliminary analysis for maximizing detention & relocating utilities	2	8	24	32	0	0	66	\$ 9,290.00
4 Alternative Roundabout Option	1	4	12	32	32	0	81	\$ 9,445.00
5 Fence/Sign for Vacant lot	1	2	6	12	16	0	37	\$ 4,355.00
Total	4	30	100	76	48	8	266	\$ 35,270.00

II. BASIC ENGINEERING SERVICES

DESCRIPTION OF WORK TASKS	Sr. PROJ MGR	PROJ MGR	PROJECT ENGINEER	GRAD ENGINEER	CADD TECH	ADMIN ASST	TOTAL HOURS	LABOR COSTS
A. Roadway Design Tasks								
1 General Sheets	0	7	11	24	72	0	114	\$ 12,235.00
2 Existing and Proposed Typical Sections	0	4	8	20	36	0	68	\$ 7,540.00
3 Plan and Profile Sheets	0	12	36	72	100	0	220	\$ 25,140.00
4 Standard and Non-standard Details Sheets	0	6	16	32	78	0	132	\$ 14,310.00
5 Cross Sections	0	8	24	30	60	0	122	\$ 14,000.00
6 Signing and Pavement Marking Sheets	0	12	0	32	16	0	60	\$ 7,380.00
Total	0	49	95	210	362	0	716	\$ 80,605.00
B. Water & Sanitary Sewer Design Tasks								
1 General Notes	0	0	8	12	0	0	20	\$ 2,640.00
2 Plan and Profile Sheets (5 sheets)	0	32	92	200	0	0	324	\$ 43,400.00
3 Standard Details	0	4	8	16	0	0	28	\$ 3,820.00
4 Water & Sanitary Sewer Crossings	0	4	24	80	0	0	108	\$ 13,900.00
Total	0	40	132	308	0	0	480	\$ 63,760.00
C. Drainage Design Tasks								
1 Existing Conditions Overall Drainage Area Map	0	2	4	8	16	0	30	\$ 3,350.00
2 Proposed Conditions Overall Drainage Area Map	0	2	4	6	12	0	24	\$ 2,750.00
3 Existing Conditions Detailed Drainage Area Map	0	2	6	12	24	0	44	\$ 4,850.00
4 Proposed Conditions Detailed Drainage Area Map	0	4	6	12	12	0	34	\$ 4,120.00
5 Existing Conditions 2-Year Storm Sewer Analysis	0	4	8	16	12	0	40	\$ 4,900.00
6 Existing Conditions 100-Year Extreme Event Analysis	0	6	8	16	12	0	42	\$ 5,250.00
7 Final Sub-Surface Detention Evaluation	0	16	40	40	16	0	112	\$ 15,040.00
8 Proposed Storm Sewer 2-Year Design	0	4	8	12	16	0	40	\$ 4,780.00
9 Proposed Storm Sewer 100-Year Analysis	0	4	8	12	16	0	40	\$ 4,780.00
10 Update Plan and Profile Sheets (7 Sheets)	0	0	0	0	0	0	0	\$ -
Town and Country Blvd - Beginning to STA 5+00	0	2	6	10	16	0	34	\$ 3,890.00
Town and Country Blvd - STA 5+00 to End Project	0	2	6	10	16	0	34	\$ 3,890.00
Town and Country Way - Beginning to STA 3+50	0	2	6	10	16	0	34	\$ 3,890.00
Town and Country Way - STA 3+50 to 9+00	0	2	6	10	16	0	34	\$ 3,890.00
Town and Country Way - STA 9+00 to End Project	0	2	6	10	16	0	34	\$ 3,890.00
11 Storm Sewer Layout Sheets (5 sheets)	0	8	24	36	30	0	98	\$ 12,020.00
12 IH-10 Outfall Sheets (2-Sheets)	0	6	18	36	48	0	108	\$ 12,390.00
13 Storm Sewer Lateral Sheets (4)	0	4	18	32	72	0	126	\$ 13,720.00
14 Storm Sewer Custom Details	0	0	0	0	0	0	0	\$ -
Equalizing structures for parallel storm sewer trunklines	0	4	8	12	16	0	40	\$ 4,780.00
Restrictor and Flap Gate at IH-10	0	4	16	12	16	0	48	\$ 5,980.00
Non-Standard Junction Boxes (4)	0	16	72	24	40	0	152	\$ 20,080.00
Total	0	96	278	336	438	0	1148	\$ 138,240.00
D. Project Management, Coordination and Deliverables								
1 Project Management / Project Controls	2	38	48	20	0	38	146	\$ 19,930.00
2 Agencies/Subs Coordination, Approvals & Signatures	4	42	76	68	0	7	197	\$ 28,405.00
3 Private Utility Relocation Coordination	2	16	40	46	0	1	105	\$ 14,855.00
4 Specifications	0	18	44	76	0	6	144	\$ 19,380.00
5 Estimate of Construction Cost	0	16	34	64	0	2	116	\$ 15,750.00
6 Coordination with Stakeholders/Right-of-way Acquisition	2	30	30	40	24	4	130	\$ 17,500.00
Total	10	160	272	314	24	58	838	\$ 115,820.00
E. Project Quality Control								
1 Quality Assurance / Quality Control	12	66	60	0	0	0	138	\$ 23,250.00
Total	12	66	60	0	0	0	138	\$ 23,250.00
F. Bid Phase								
1 Prepare Advertisement For Bid Document	0	1	2	2	0	0	5	\$ 715.00
2 Conduct Pre-bid Conference Meeting	0	1	2	2	2	0	7	\$ 895.00
3 Prepare Necessary Addenda To Address Issues or Clarifications	0	2	16	24	4	0	46	\$ 5,990.00
4 Conduct Bid Opening Meeting & Tabulation of Bids	0	2	6	8	0	0	16	\$ 2,210.00
5 Evaluate the Bid Proposals & Make Award Recommendation	1	2	4	2	0	0	9	\$ 1,415.00
6 Assist in the preparation of the Contract between TIRZ & the Successful Bidder	0	2	6	0	0	0	8	\$ 1,250.00
Total	1	10	36	38	6	0	91	\$ 12,475.00
TOTAL HOURS	23	421	873	1206	830	58	3411	
Contract Labor Rate	\$225.00	\$175.00	\$150.00	\$120.00	\$90.00	\$85.00		
TOTAL LABOR COSTS BASIC ENGINEERING SERVICES	\$5,175.00	\$73,675.00	\$130,950.00	\$144,720.00	\$74,700.00	\$4,930.00		\$ 434,150.00

III. ADDITIONAL ENGINEERING SERVICES

DESCRIPTION OF WORK TASKS	Sr. PROJ MGR	PROJ MGR	PROJECT ENGINEER	GRAD ENGINEER	CADD TECH	ADMIN ASST	TOTAL HOURS	LABOR COSTS
A. Special Designs								
1 Traffic Control Plans	0	16	41	84	188	0	329	\$ 35,950.00
2 Storm Water Pollution Prevention Plan	0	6	12	34	68	0	120	\$ 13,050.00
3 Lighting Plans	0	5	10	20	60	0	95	\$ 10,175.00
4 Environmental Site Assessment PH-II	2	8	32	48	24	0	114	\$ 14,570.00
5 Parking Lot Design - Zapata Tract (Developer Exchange Agreement)	2	54	0	88	0	8	152	\$ 21,140.00
6 TxDOT Hydraulic Impact Analysis Report	2	16	36	48	24	12	138	\$ 17,590.00
Total	4	89	95	274	340	8	810	\$ 112,475.00

IV. SUBCONTRACTED SERVICES AND REIMBURSABLES

SUBCONTRACTED ENGINEERING SERVICES	COST	MARK-UP	TOTAL
1 Tree Protection Plan (CN Koehl)	\$ 3,370.00	8%	\$ 3,639.60
2 Geotechnical Investigation (Aviles)	\$ 5,716.50	8%	\$ 6,173.82
3 Geotechnical Investigation - Zapata Tract (Aviles)	\$ 2,000.00	8%	\$ 2,160.00
4 Survey (Kuo)	\$ 9,887.00	8%	\$ 10,677.96
5 Survey Update - Zapata Tract (Kuo)	\$ 3,799.00	8%	\$ 4,102.92
6 Storm Sewer TV Inspection	\$ 2,500.00	8%	\$ 2,700.00
7 Required City Independent Peer Review -Roundabout design (GHD)	\$ 11,470.00	8%	\$ 12,387.60
8 Electrical Engineering Services - Zapata Tract	\$ 6,500.00	8%	\$ 7,020.00
9 TDLR Inspection	\$ 2,000.00	8%	\$ 2,160.00
10 Prepare Survey plats and Meets & Bounds	\$ 10,000.00	8%	\$ 10,800.00
TOTAL OTHER ENGINEERING SERVICES			\$ 61,821.90

REIMBURSABLE EXPENSES	QUANTITY	UNIT	COST	TOTAL
1 Printing and Reproduction	1	LS	\$ 7,500.00	\$ 7,500.00
2 City of Houston Review Fee (\$106 Adm Fee Plus 180 sheets @ \$76)	1	LS	\$ 13,800.00	\$ 13,800.00
3 Houston Business Journal Advertisement (2 weeks)	1	LS	\$ 2,000.00	\$ 2,000.00
4 Deliveries	15	LS	\$ 30.00	\$ 450.00
5 Mileage	1,000	MILE	\$ 0.55	\$ 550.00
TOTAL REIMBURSABLE EXPENSES				\$ 24,300.00

PHASE II Detailed Design	
Basic Engineering Services	\$ 434,150.00
Add. Eng. Services/Subs/Expenses	\$ 233,866.90
GRAND TOTAL	\$ 668,016.90



May 19, 2014

Mr. Muhammad M. Ali, P.E.
Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, Texas 77042

Re: Proposal for Urban Forestry Consulting Services on the Town and Country West
Drainage and Mobility Project.
Memorial City Redevelopment Authority.
LAN Project Number 130-10384-004.

Dear Mr. Ali,

As per your request, C.N. Koehl Urban Forestry, Inc. proposes to provide Urban Forestry Consulting Services for the design phase of the Town and Country West Drainage and Mobility project. Approximately 1,800 linear feet of project right of way will be evaluated for proposed storm, pavement, sidewalk, and utility construction. Based on your request for proposal, and our most recent experience on past projects working with consulting civil engineers and the City of Houston’s Street Tree Ordinance and Urban Forestry department, we propose to provide the following Urban Forestry services:

PHASE 2 – SERVICES FOR PROJECT DESIGN

Field Evaluation/Site Visit

We will walk each side of every street on which construction is proposed and evaluate the species, size, condition, and preservation feasibility of each tree. We will confirm the surveyed location of each tree and approximately locate any trees that may be impacted that were not picked up by surveyor. Proposed construction activity adjacent to each tree will be evaluated to determine impacts on long-term tree survival and compliance with City of Houston Street Tree Ordinance. The field evaluation will be scheduled in conjunction with the 60% submittal Tree Protection Plan development. The data collected will be used in development of the 60%, 90%, and final Tree Protection Plans.

Fee for Field Evaluation/Site Visit
4.0 hours @ \$110.00/hour.....\$440.00

Tree Protection Plan for 60% Submittal

The plan and profile drawings, provided by the engineer, will be reviewed prior to the 60 percent submittal, to determine treatment for each tree. Each tree will be numbered on the drawings. A tree treatment schedule will list each tree by number, species, diameter, condition, anticipated treatment, and mitigation required by ordinance for trees to be removed. Each tree (public and private) adjacent to construction activity will be evaluated to ensure that construction activity will not destroy too much of the structural root system. Destroying too much of the structural root system leaves the tree unstable, which could create liabilities. Should we find any conflicts with proposed construction or any liability issues we will make recommendations for

minor design changes or for removal of the tree. Recommendations for minor design changes, such as shifting bends, a ts&v, vertical offset, or a fire hydrant, will be redlined on plan and profile drawings copied to our Tree Submittal Form with a brief description of recommended changes and e-mailed to your office. Design change recommendations can then be reviewed by engineer and client to determine feasibility.

Minor design changes may reduce the number of trees needing to be removed and reduce the cost of replacement plantings required by ordinance. The design review and comment process is typically the most value added aspect of our services, because the changes will preserve trees rather than requiring removal and replacement to comply with Street Tree Ordinance. If our recommendations preserve one 24" diameter ordinance tree the cost savings to the project, in removal and replacement costs, is approximately \$8,000.00.

After we receive your comments on our design change recommendations we will develop an Autocad or MicroStation drawn tree protection plan which will identify the mitigative and protective treatments needed to ensure long term tree survival and compliance with the City's Street Tree Ordinance. Plan and profile drawings, provided by the engineer, will be used to indicate each tree by number, and exact location of preservation treatments (protection fencing, root pruning trench, zero curb cutback, water line augers, etc.). The plan will also include the location, species, and size of replacement tree plantings required to comply with the Street Tree Ordinance. Details for tree treatments will be included in the tree protection plan. Quantity totals and cost estimates for each tree treatment will be provided. The tree protection plan, and quantity totals and cost estimates will be emailed to you so that your staff may use the quantity estimates as needed and plot the tree protection plan as it is needed. The tree protection plan will include our logo with a signature line, which we sign at the mylar stage. The tree protection plan, and quantity/cost estimate can be included in your 60% submittal so that the City's Urban Forestry staff can review our plan and provide comments prior to the final submittal. We will need 15-18 business days to complete the field evaluation and preliminary tree protection plan.

Fee for 60% Tree Protection Plan
10.0 hours @ \$110.00/hour\$1,100.00

Tree Protection Plan for 90% submittal

We will review the construction design between the 60% and 90% submittal, following comments from the City on recommendations made in the 60% submittal, to ensure that any design changes that may have been made are incorporated into the tree protection plan. Changes necessary to the tree protection plan will be completed in the DWG or DGN drawings and resubmitted to engineer for submittal. Quantity/Cost estimates, and specifications will be updated and forwarded to engineer. We will need 7-10 business days to complete the 90% Tree Protection Plan.

Fee for 90% Tree Protection Plan
4.0 hours @ \$110.00/hour.....\$440.00

Tree Protection Plan for Final submittal

We will review the construction design between the 90% and final submittal, following comments from the City on recommendations made in the 90% submittal, to ensure that any design changes that may have been made are incorporated into the tree protection plan. Changes necessary to the tree protection plan will be completed in the DWG or DGN drawings and resubmitted to engineer for submittal. Quantity/Cost estimates, and specifications will be updated and forwarded to engineer. We will sign the mylar set of the Tree Protection Plans prior to final submittal. We will need 5-7 business days to complete the Final Tree Protection Plan.

Fee for Final Tree Protection Plan
4.0 hours @ \$110.00/hour.....\$440.00

Coordinate Approval with Parks&Recreation

We will submit Tree Protection Plan directly to City of Houston Parks & Recreation Foresters at the 70% and 90% submittal stage for review and comments. Mylar drawings will be carried to Parks & Recreation Forestry offices for stamp and signature by City Forester. We will also coordinate receipt of Tree Removal Permit from City Forester at time of mylar approval.

Fee for Coordinating Approval with Parks&Recreation
5.0 hours @ \$110.00/hour.....\$550.00

Drafting AutoCAD (DWG or DGN) files of Tree Preservation Plan

We do have AutoCAD and Microstation capabilities and will provide a CAD drawn document. We will need the electronic files of proposed construction in DWG or DGN format. We will use the project title block and insert plan drawings at a 1:40 scale, triple banked on each sheet, similar to most traffic control plans. Tree treatment schedule will be included on each sheet which will call out treatments for each specific tree. This format typically allows us to fit approximately 2,000-2,500 l.f. per plan sheet, which would give us 1-2 sheets on this project. One sheet with project details will also be included, which would give us a total of 2 to 3 sheets. The drawings will be emailed or saved to CD and delivered to you, so that you may plot the files as you need them. CAD drafting will be completed in conjunction with the Preliminary and Final Plans. No additional time required.

Drafting Services Fee for DWG/DGN files of the Tree Preservation Plan
8.0 hours @ \$50.00/hour.....\$400.00

Total Phase 2 Fees

Urban Forestry Services for development of Tree Protection Plan.....\$2,970.00
Drafting Services Fee for DWG files.....\$400.00
Total Fee for CAD drawn Tree Protection Plan.....\$3,370.00

We have utilized the services contained in this proposal on similar projects for The City of West University Place Infrastructure Replacement Program, City of Houston Neighborhood Street Reconstruction Program, City of Houston Surface Water Transmission Program, Houston Storm Water Management Program, City of Missouri City Street Reconstruction, City of Friendswood Street Reconstruction, City of Piney Point Street Reconstruction, City of Sugarland Street Reconstruction, City of Texas City Street Reconstruction, and numerous City of Houston waterline and sewer projects in the past. It is our goal to provide you the most effective, efficient, and value added services we can provide. We are willing to provide services in whatever capacity you deem appropriate.

If this proposal meets with your approval and you would like to retain our services, please forward your standard agreement or a notice to proceed, and we will schedule the work as soon as we receive the plan and profile sheets. We greatly appreciate the opportunity to present this proposal and look forward to working with you on this project. If you have any questions or would like to make any changes, please do not hesitate to call me at 281-391-0022.

Respectfully submitted,

A handwritten signature in blue ink, appearing to read 'SKL', is positioned above the typed name of Sarah Koehl.

Sarah Koehl
President



May 16, 2014

Mr. Muhammad Ali, P.E.
Lockwood, Andrews, and Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, Texas 77042

Re: Supplemental Geotechnical Investigation Proposal
TIRZ 17 Town and Country Way Project
Houston, Texas
AEC Proposal No. G2013-09-04S1

Dear Mr. Ali,

Aviles Engineering Corporation (AEC) is pleased to present this supplemental geotechnical investigation proposal for the proposed Tax Increment Reinvestment Zone (TIRZ) 17 Town and Country Way Project in Houston, Texas (Houston/Harris County Key Map 489 C & D). The purpose of this supplemental proposal is to perform an additional boring for the reconstruction of Town and Country Boulevard between Town and Country Way and the IH-10 eastbound frontage road. The proposed improvements include: (i) reconstruction of Town and Country Boulevard with new concrete pavement; and (ii) installation/replacement of waterlines, storm sewers, and sanitary sewers. Based on 30 percent complete drawings provided by Lockwood, Andrews, and Newnam, the maximum invert depth of the proposed utilities varies from 4.5 to 12 feet. The scope of work in this proposal will be included with AEC's ongoing geotechnical investigation for Town and Country Way, AEC Report G166-13.

Boring locations and depths for the reconstruction of Country Way were selected in general accordance with Chapter 11 of the 2011 City of Houston Infrastructure Design Manual.

AEC proposes to drill one additional boring to 25 feet deep along the proposed Town and Country Boulevard alignment. A Boring Location Plan is included in the Attachments. We will perform a site reconnaissance prior to drilling and mark boring locations. AEC requests that any existing underground utilities be located by the property owner's representative prior to arrival of the drill. We will also contact the Texas 811 System to confirm utility locations; however, Texas 811 does not locate water, sanitary, or storm sewer lines.

Based on out site visit, the boring location can be accessed with a truck-mounted drill rig and that concrete coring will be required. During drilling, we will collect samples continuously at 2 foot intervals from the ground surface to a depth of 20 feet in the boring, and then at 5 foot intervals thereafter to the boring termination depth. Undisturbed samples will be obtained of cohesive soils by pushing a Shelby tube (ASTM D-1587). Standard Penetration Test samples will be obtained of granular soils (ASTM D-1586). Representative portions of all soil samples will be sealed, packaged, and transported to our laboratory. Water level readings will be noted during drilling, upon completion of drilling. The borehole will be grouted with cement-bentonite and the surface patched with concrete.

Laboratory testing may consist of moisture contents, Atterberg limits, percentage passing No. 200 sieve, sieve analysis, and unconsolidated-undrained triaxial (UU) tests depending on the soil types encountered. We will analyze the field and laboratory testing data to provide geotechnical and construction recommendations in an engineering report for the proposed improvements, including: (i) pavement

thickness design and subgrade preparation; and (ii) installation of underground utilities by open cut and auger method, including auger pits, pipe loading, trenching and shoring, bedding and backfill.

The estimated lump sum fee for our services is **\$5,716.50**. An itemized fee estimate is included in the Attachments. The fee includes one mob/demob of a truck-mounted drill rig and a site visit to mark the borings. Buggy-rig mobilization, fence/gate removal, restoration of the site to its original condition, standby time, surveying, fault study, plan/specification review, environmental assessment, and attendance at meetings are not included in the above fee. To help us maintain the estimated schedule and avoid additional fees, we request that we be provided with all pertinent project details, drawings and any proposed/preferred geotechnical-related design details at the onset of the project.

We will perform a site reconnaissance and mark the proposed boring locations 2 business days after the required project drawings, the signed contract, and notice-to-proceed are received. Weather permitting and assuming no field delays, the drilling should take 1 day. The laboratory tests will require about 2 weeks to complete after drilling is finished. The results of the investigation will be incorporated in AEC Report G166-13.

If any of the project details described in this proposal are incorrect or the scope described or the assumptions listed need to be revised, please inform us immediately so we can revise the proposal as necessary. Please sign and return a copy of this proposal to authorize AEC to proceed with the services.

We appreciate the opportunity to present this proposal, and look forward to working with you.

Respectfully submitted,
Aviles Engineering Corporation
(TBPE Firm Registration No. F-42)



Wilber L. Wang, M.Eng., P.E.
Project Engineer



Shou Ting Hu, M.S.C.E., P.E.
Principal Engineer

AGREED TO THIS _____ DAY OF _____,
PRINTED NAME: _____
SIGNATURE: _____
TITLE: _____
FIRM: _____

Attachments: Terms and Conditions, Itemized Fee Estimate, Boring Location Plan

GEOTECHNICAL INVESTIGATION TERMS AND CONDITIONS

STANDARD OF CARE

The CLIENT recognizes that actual subsurface conditions can vary from those observed and/or encountered at locations where borings, surveys, or explorations are made, and that site conditions may change with time. Data interpretations and recommendations by AVILES ENGINEERING will be based solely on information available to the AVILES ENGINEERING during the investigation. AVILES ENGINEERING is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.

The CLIENT should expect AVILES ENGINEERING to perform Services under this PROPOSAL/AGREEMENT in a manner consistent with the level of care and skill ordinarily exercised by members of the engineering profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, expressed or implied, is made.

SCOPE OF SERVICES

AVILES ENGINEERING will develop a scope of services based on the project information provided by the CLIENT. AVILES ENGINEERING shall not be responsible for problems arising due to inadequate number of borings and/or depths dictated or required by others or inadequate engineering analyses, if the CLIENT reduces the scope of services and/or provides insufficient or invalid project or other relevant information to AVILES ENGINEERING. In the event the CLIENT or his representative orders work described in this PROPOSAL/AGREEMENT, that action shall constitute the CLIENT's acceptance of this PROPOSAL/AGREEMENT and its terms and conditions

SITE ACCESS AND SITE CONDITIONS

The CLIENT will grant or obtain free access to the site for all equipment and personnel necessary for AVILES ENGINEERING to perform the services described in this PROPOSAL/AGREEMENT, as well as provide location data for all below and above ground structures, pipelines and utilities. For such items encountered, not called to the attention of AVILES ENGINEERING, the CLIENT shall assume responsibility for any resultant damages. AVILES ENGINEERING will take reasonable precautions to minimize damage to the site, but it is understood by the CLIENT that, in the normal course of work, some damage may occur and the correction of such damage is not part of this AGREEMENT. The CLIENT will notify AVILES ENGINEERING of any known toxic and/or hazardous materials on site and shall assume responsibility for the cost of occurrences due to unknown toxic and/or hazardous materials on site.

BILLING AND PAYMENT

The CLIENT will pay AVILES ENGINEERING the lump sum amount(s) shown in the PROPOSAL/AGREEMENT. Invoices will be submitted to the CLIENT by AVILES ENGINEERING, and will be due and payable within thirty (30) days of the invoice date. CLIENT will pay an additional charge of 1.5 percent per month on any delinquent amount, and agrees to pay attorney's fees and/or other costs involved in any required collection activity.

LIMITATION OF LIABILITY / INDEMNIFICATION

If at any time, there shall be or arise any liability on the part of AVILES ENGINEERING by virtue of this Agreement or because of the relation hereby established, whether due to the negligence of AVILES ENGINEERING (including gross negligence) or otherwise, such liability is and shall be limited to a sum equal in amount to the fee charged by AVILES ENGINEERING. AVILES ENGINEERING and CLIENT agree to indemnify each other from any claims, etc., including attorney's fees and litigation costs, to the proportionate extent caused by each party's own negligence. If AVILES ENGINEERING is found to be prevalent in any third party lawsuits relating to this AGREEMENT, the CLIENT shall pay all AVILES ENGINEERING costs, including legal fees, that were incurred as a result thereof.

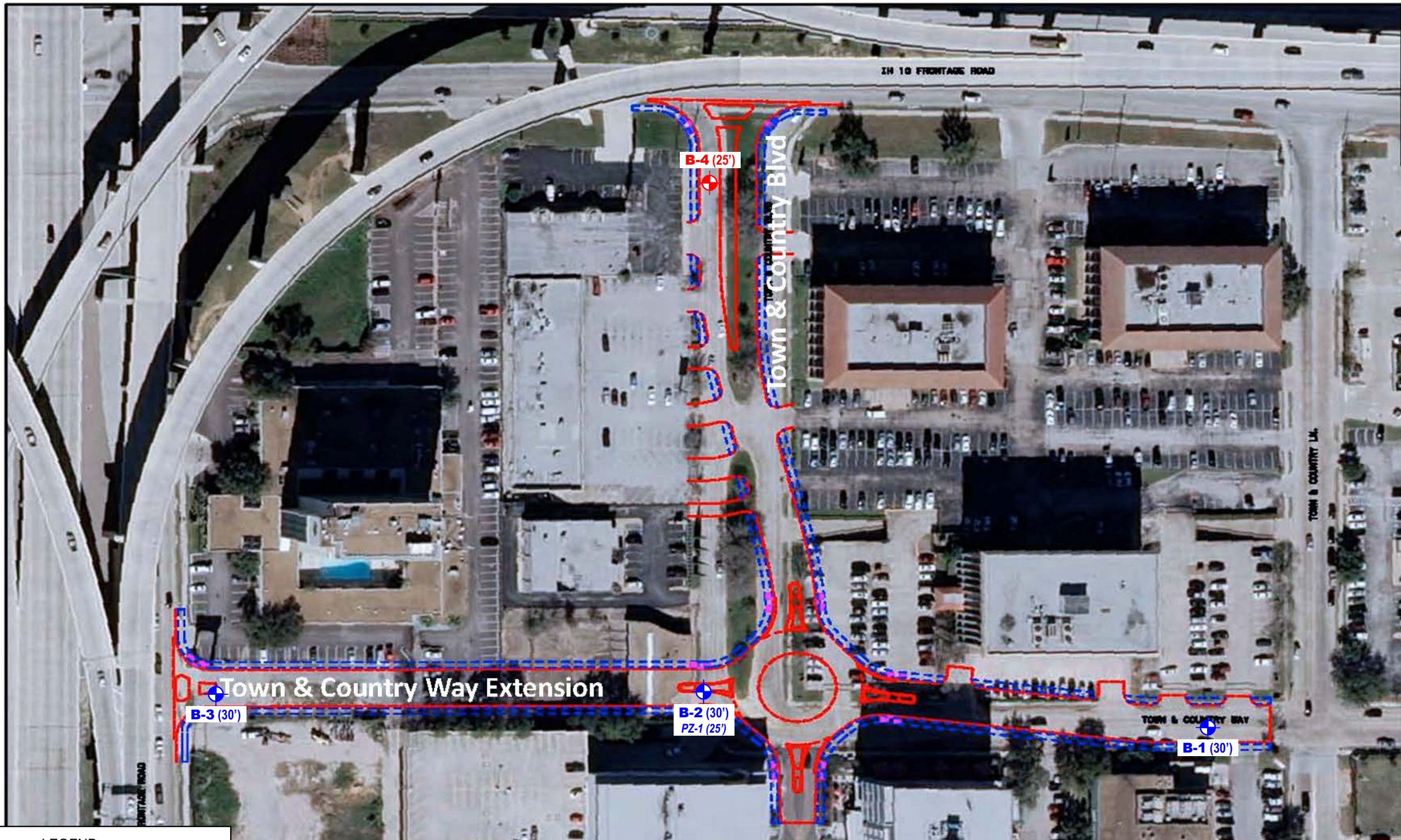
Geotechnical Investigation
TIRZ 17 Redevelopment Authority
Town and Country Way TRC
Houston, Texas
AEC Proposal No. G2013-09-04S1
05/16/2014





ITEMIZED FEE ESTIMATE

1 Boring @ 25'

A. FIELD EXPLORATION	QTY	UNIT		RATE	AMOUNT
Truck Rig Mobilization/Demobilization	1	LS	@	\$375.00	\$375.00
Field Coordination and Utility Checking (Staff Engineer)	4	hrs.	@	\$82.00	\$328.00
Lane Closure Permits (Staff Engineer)	2	hrs.	@	\$82.00	\$164.00
Boring Layout & Site Reconnaissance (Staff Engineer)	5	hrs.	@	\$82.00	\$410.00
Traffic Control (Staff Engineer)	6	hrs.	@	\$50.00	\$300.00
Fault Evaluation (Senior Geologist)	0	hrs.	@	\$82.00	\$0.00
Concrete Pavement Core (6" dia, 8" thick core, \$300 min.)	1	ea.	@	\$90.00	\$300.00
Soil Drilling and Continuous Sampling (0 to 20 ft)	20	ft.	@	\$18.00	\$360.00
Soil Drilling and Intermittent Sampling (20 to 25 ft)	5	ft.	@	\$16.00	\$80.00
Grout Holes (Cement-Bentonite)	25	ft.	@	\$5.00	\$125.00
Site Cleanup	1	LS	@	\$200.00	\$200.00
Install Piezometers	0	ft.	@	\$14.00	\$0.00
Piezometer Caps	0	ea.	@	\$60.00	\$0.00
Piezometer Readings (Technician)	0	hrs.	@	\$44.00	\$0.00
Plug and Abandon Piezometers	0	ft.	@	\$12.00	\$0.00
On-site Standby Time, if incurred (3-man Crew)	0	hrs.	@	\$175.00	\$0.00
Vehicle Charge	11	hrs.	@	\$7.50	\$82.50
	SUBTOTAL				\$2,724.50
B. GEOTECHNICAL LABORATORY TESTING					
Atterberg Limits (ASTM D-4318)	4	ea.	@	\$53.00	\$212.00
Passing No. 200 Sieve (ASTM D-1140)	4	ea.	@	\$41.00	\$164.00
Sieve Analysis w/o Hydrometer (ASTM D-422)	0	ea.	@	\$49.00	\$0.00
Particle Size Analysis w/ Hydrometer (ASTM D-422)	0	ea.	@	\$150.00	\$0.00
Moisture Content (ASTM D-2216)	7	ea.	@	\$8.00	\$56.00
Unconfined Compression (ASTM D-2166)	0	ea.	@	\$39.00	\$0.00
Unconsolidated-Undrained Test (ASTM D-2850)	4	ea.	@	\$54.00	\$216.00
	SUBTOTAL				\$648.00
C. ENGINEERING ANALYSES & REPORT					
Senior Engineer, P.E.	2	hrs.	@	\$123.00	\$246.00
Project Engineer, P.E.	12	hrs.	@	\$96.00	\$1,152.00
Staff Engineer, E.I.T.	8	hrs.	@	\$82.00	\$656.00
Draftsman	4	hrs.	@	\$50.00	\$200.00
Word Processor	2	hrs.	@	\$45.00	\$90.00
Reproduction (3 final copies included)	0	copies	@	\$30.00	\$0.00
	SUBTOTAL				\$2,344.00
ESTIMATED GEOTECHNICAL FEE					\$5,716.50



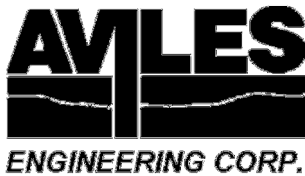
LEGEND:

- B-# (X')**
 PROPOSED BORING NO. AND (DEPTH IN FEET)
- B-# (X')**
 PREVIOUS BORING (APPROX. LOCATION) FROM AVILES PROJECT NO. G166-13

AVILES ENGINEERING CORPORATION

PROPOSED BORING LOCATION PLAN
 TIRZ 17 TOWN AND COUNTRY WAY EXTENSION
 FROM TOWN AND COUNTRY BLVD TO IH-10
 HOUSTON, TEXAS

AEC PROPOSAL NO: G2013-09-04S1	DATE: 09-09-13	SOURCE DRAWING PROVIDED BY: L.A.N. INC.
APPROX. SCALE: NTS	DRAFTED BY: BpJ	PLATE NO.: PLATE 1



May 21, 2014

Mr. Muhammad Ali, P.E.
Lockwood, Andrews, and Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, Texas 77042

Re: Geotechnical Investigation Proposal
TIRZ 17 Parking Lot, Southeast corner of IH-10 and BW-8
Houston, Texas
AEC Proposal No. G2014-05-11R1

Dear Mr. Ali,

Aviles Engineering Corporation (AEC) is pleased to present this geotechnical investigation proposal for a proposed parking lot for the proposed Tax Increment Reinvestment Zone (TIRZ) 17, to be located to the southeast of the intersection of the IH-10 eastbound frontage road and the Beltway 8 northbound frontage road in Houston, Texas (Houston/Harris County Key Map 489 C). Based on information provided by Lockwood, Andrews, and Newnam, Inc. (LAN), the parking lot will be approximately 0.25 acres, and will be paved with asphalt.

AEC proposes to drill a total of two borings to 10 feet deep within the perimeter of the proposed parking lot. The total drilling footage is 20 feet. We will perform a site reconnaissance prior to drilling and mark the boring locations. AEC requests that any existing underground utilities be located by the property owner's representative prior to arrival of the drill. We will also contact the Texas 811 System to confirm utility locations; however, Texas 811 does not locate water, sanitary, or storm sewer lines.

Based on aerial photographs, AEC assumes that the boring locations can be accessed with a truck-mounted drill rig and that concrete coring is not required. During drilling, we will collect samples continuously at 2 foot intervals from the ground surface to a depth of 10 feet in the borings. Undisturbed samples will be obtained of cohesive soils by pushing a Shelby tube (ASTM D-1587). Standard Penetration Test samples will be obtained of granular soils (ASTM D-1586). Representative portions of all soil samples will be sealed, packaged, and transported to our laboratory. Water level readings will be noted during drilling and upon completion of drilling. Boreholes located on grass will be backfilled with bentonite chips.

Laboratory testing may consist of moisture contents, Atterberg limits, percentage passing No. 200 sieve, sieve analysis, and unconsolidated-undrained triaxial (UU) tests depending on the soil types encountered. We will analyze the field and laboratory testing data to provide geotechnical and construction recommendations in an engineering report for the proposed asphalt parking lot, including pavement thickness design and subgrade preparation.

The estimated lump sum fee for our services is **\$2,150.00**. An itemized fee estimate is included in the Attachments. The fee includes one mob/demob of a truck-mounted drill rig, a site visit to mark the borings, and 3 copies of the engineering report. Additional copies will be invoiced at \$30 each. Buggy-rig mobilization, concrete coring, fence/gate removal, restoration of the site to its original condition, standby time, surveying, fault study, plan/specification review, environmental assessment, and attendance at meetings are not included in the above fee. To help us maintain the estimated schedule and avoid

TIRZ 17 Redevelopment Authority
Parking Lot
Houston, Texas
AEC Proposal No. G2014-05-11R1

Page 2 of 3

additional fees, we request that we be provided with all pertinent project details, drawings and any proposed/preferred geotechnical-related design details at the onset of the project.

We will perform a site reconnaissance and mark the proposed boring locations 2 business days after the required project drawings, the signed contract, and notice-to-proceed are received. Weather permitting and assuming no field delays, the drilling should take 1 day. The laboratory tests will require about 1.5 weeks to complete after drilling is finished. We anticipate providing the final geotechnical report about 1.5 weeks after the laboratory test results are complete.

If any of the project details described in this proposal are incorrect or the scope described or the assumptions listed need to be revised, please inform us immediately so we can revise the proposal as necessary. Please sign and return a copy of this proposal to authorize AEC to proceed with the services.

We appreciate the opportunity to present this proposal, and look forward to working with you.

Respectfully submitted,
Aviles Engineering Corporation
(TBPE Firm Registration No. F-42)



Wilber L. Wang, M.Eng., P.E.
Project Engineer



Shou Ting Hu, M.S.C.E., P.E.
Principal Engineer

AGREED TO THIS _____ DAY OF _____, _____

PRINTED NAME: _____

SIGNATURE: _____

TITLE: _____

FIRM: _____

Attachments: Terms and Conditions, Itemized Fee Estimate

GEOTECHNICAL INVESTIGATION TERMS AND CONDITIONS

STANDARD OF CARE

The CLIENT recognizes that actual subsurface conditions can vary from those observed and/or encountered at locations where borings, surveys, or explorations are made, and that site conditions may change with time. Data interpretations and recommendations by AVILES ENGINEERING will be based solely on information available to the AVILES ENGINEERING during the investigation. AVILES ENGINEERING is responsible for those data, interpretations, and recommendations, but will not be responsible for other parties' interpretations or use of the information developed.

The CLIENT should expect AVILES ENGINEERING to perform Services under this PROPOSAL/AGREEMENT in a manner consistent with the level of care and skill ordinarily exercised by members of the engineering profession practicing contemporaneously under similar conditions in the locality of the project. No other warranty, expressed or implied, is made.

SCOPE OF SERVICES

AVILES ENGINEERING will develop a scope of services based on the project information provided by the CLIENT. AVILES ENGINEERING shall not be responsible for problems arising due to inadequate number of borings and/or depths dictated or required by others or inadequate engineering analyses, if the CLIENT reduces the scope of services and/or provides insufficient or invalid project or other relevant information to AVILES ENGINEERING. In the event the CLIENT or his representative orders work described in this PROPOSAL/AGREEMENT, that action shall constitute the CLIENT's acceptance of this PROPOSAL/AGREEMENT and its terms and conditions

SITE ACCESS AND SITE CONDITIONS

The CLIENT will grant or obtain free access to the site for all equipment and personnel necessary for AVILES ENGINEERING to perform the services described in this PROPOSAL/AGREEMENT, as well as provide location data for all below and above ground structures, pipelines and utilities. For such items encountered, not called to the attention of AVILES ENGINEERING, the CLIENT shall assume responsibility for any resultant damages. AVILES ENGINEERING will take reasonable precautions to minimize damage to the site, but it is understood by the CLIENT that, in the normal course of work, some damage may occur and the correction of such damage is not part of this AGREEMENT. The CLIENT will notify AVILES ENGINEERING of any known toxic and/or hazardous materials on site and shall assume responsibility for the cost of occurrences due to unknown toxic and/or hazardous materials on site.

BILLING AND PAYMENT

The CLIENT will pay AVILES ENGINEERING the lump sum amount(s) shown in the PROPOSAL/AGREEMENT. Invoices will be submitted to the CLIENT by AVILES ENGINEERING, and will be due and payable within thirty (30) days of the invoice date. CLIENT will pay an additional charge of 1.5 percent per month on any delinquent amount, and agrees to pay attorney's fees and/or other costs involved in any required collection activity.

LIMITATION OF LIABILITY / INDEMNIFICATION

If at any time, there shall be or arise any liability on the part of AVILES ENGINEERING by virtue of this Agreement or because of the relation hereby established, whether due to the negligence of AVILES ENGINEERING (including gross negligence) or otherwise, such liability is and shall be limited to a sum equal in amount to the fee charged by AVILES ENGINEERING. AVILES ENGINEERING and CLIENT agree to indemnify each other from any claims, etc., including attorney's fees and litigation costs, to the proportionate extent caused by each party's own negligence. If AVILES ENGINEERING is found to be prevalent in any third party lawsuits relating to this AGREEMENT, the CLIENT shall pay all AVILES ENGINEERING costs, including legal fees, that were incurred as a result thereof.

May 19, 2014

Muhammad Ali, PE
Associate, Project Manager
Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, TX 77042

RE: Additional Topographic Surveying in the Town & Country Area

Dear Mr. Ali

Kuo & Associates, Inc. is pleased to submit this proposal to perform additional topographic surveying services for the above referenced project.

The scope of work and fee will be as follows:

SCOPE OF WORK

Scope of work will consist of the following items:

- **Item-1:** Survey along Beltway 8 (for approximately 200', see attached exhibit for limit)
- **Item-2:** Complete survey of area of Parcel C and update on of Parcel A and B, if any (see attached exhibit for limit). Area of Parcel A & B were surveyed according to the proposal dated 9/13/13, therefore only the changes will be surveyed if any. A separate proposal would be necessary if any significant changes are observed in the field to Parcel A & B which may need level of efforts assumed under this proposal for update
- **Item-3:** Survey along IH10 east bound feeder (for approximately 250', see attached exhibit for limit), detail survey in between north curb of feeder road and retaining wall of IH 10 excluded except surveying columns for overpass. The survey should cover the limit for east ER of Town and Country to the west side of existing driveway to the Hotel Sheraton.
- **Item-4:** Profile along IH 10 east bound feeder (for approximately 450', see attached exhibit for limit)

Survey shall conform to all requirements as outlined in the latest City of Houston Design Manual, Chapter 2 – Survey Requirements. In general, the scope for survey will be including the following tasks:

1. Horizontal and vertical controls will be established and tied to the Texas State Plane Coordinate System, South Central Zone NAD 83 and datum NAVD 88.
2. Cross sections will be surveyed at every 100 feet interval along the project route.
3. All planimetric features will be surveyed along the road right-of-way within the limit specified in the Chapter 2 of the City design Manual. The survey will be extended on all sides of street intersections as per the requirements of design manual.
4. All visible existing utilities (i.e. manholes, culverts, power poles, etc.) will be located and pipe size and flow line measure downs in the manholes and inlets (that can be opened) will be obtained.
5. Texas one-call system will be notified and pipeline companies will be contacted to probe and mark their pipeline (if any) locations to be tied to the survey.
6. All private utility companies relevant to the project corridor will be contacted for record drawings.

7. Attempt will be made to recover and verify sufficient monumentation along the existing roadway to establish the right-of-way lines for topographic surveying scope.
8. Plan and profile view drawings will be prepared (as applicable) containing all topographic information and visible utility features according to the COH standards in AutoCAD/Microstation format.

FEE AND SCHEDULE:

The fee for the above-described work will be a lump sum amount of **\$9,887.00** as shown itemized in the table below:

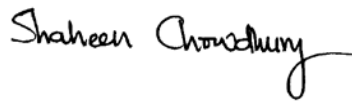
Item	Fee (lump sum)
Item-1: Survey along Beltway 8	\$2,313.00
Item-2: Survey on Parcel C and reasonable update on Parcel A & B	\$3,159.00
Item-3: Survey along IH 10 east bound feeder	\$2,224.00
Item-4: Profile along IH 10 east bound feeder	\$2,191.00
Total Fee	\$9,887.00

* See detail breakdown in the attached pages

We can complete work in 30 calendar days upon your authorization to proceed.

We appreciate this opportunity to submit this proposal. If you need further information, please do not hesitate to contact me.

Sincerely,



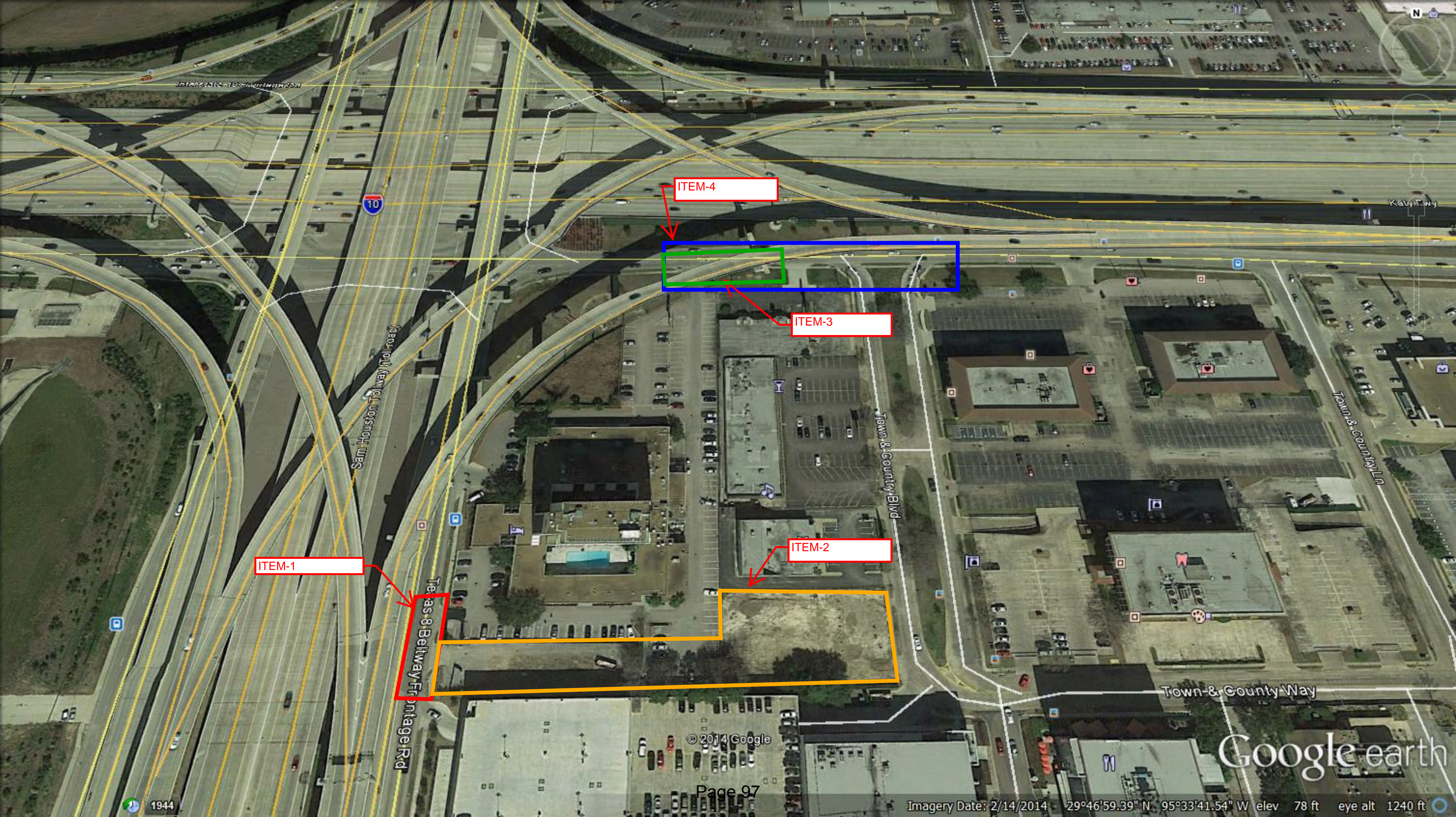
Shaheen Chowdhury, P.E., R.P.L.S.
President

Item-1: Level of Efforts for BW * - 200'							
ITEM	Principal \$150.00	RPLS \$125.00	SIT \$90.00	CADD \$70.00	Crew \$134.00	Hrs	Cost
Survey Control			1		2	3	\$358.00
Survey field work			1		4	5	\$626.00
Manhole inverts			1		1	2	\$224.00
Utility Research			1			1	\$90.00
ROW			1			1	\$90.00
Plan & Profile			1	8		9	\$650.00
QC/QA		1				1	\$125.00
Project Management	1					1	\$150.00
Total Hrs	1	1	6	8	7	23	
Total Cost	\$150.00	\$125.00	\$540.00	\$560.00	\$938.00		\$2,313.00

Item-2: Level of Efforts for Lot Survey for Parcel C and update on Parcel A & B, if any							
ITEM	Principal \$150.00	RPLS \$125.00	SIT \$90.00	CADD \$70.00	Crew \$134.00	Hrs	Cost
Survey Control			1		4	5	\$626.00
Survey field work			1		12	13	\$1,698.00
ROW						0	\$0.00
Plan				8		8	\$560.00
QC/QA		1				1	\$125.00
Proj Mgmt	1					0	\$150.00
Total Hrs	1	1	2	8	16	27	
Total Cost	\$150.00	\$125.00	\$180.00	\$560.00	\$2,144.00		\$3,159.00

Item-3: Level of Efforts -Update Survey on IH 10 Eastbound Feeder -250'							
ITEM	Principal \$150.00	RPLS \$125.00	SIT \$90.00	CADD \$70.00	Crew \$134.00	Hrs	Cost
Survey Control			1		1	2	\$224.00
Survey field work			1		4	5	\$626.00
Manhole inverts			1		1	2	\$224.00
Utility Research			4			4	\$360.00
ROW			1			1	\$90.00
Plan			1	3		4	\$300.00
QC/QA		2				2	\$250.00
Project Management	1					1	\$150.00
Total Hrs	1	2	9	3	6	21	
Total Cost	\$150.00	\$250.00	\$810.00	\$210.00	\$804.00		\$2,224.00

Item-4: Level of Efforts for profile along IH 10 Feeder							
ITEM	Principal \$150.00	RPLS \$125.00	SIT \$90.00	CADD \$70.00	Crew \$134.00	Hrs	Cost
Profile			4	12		16	\$1,200.00
QC/QA		1	2		4	7	\$841.00
Project Management	1					1	\$150.00
Total Hrs	1	1	4	12	0	24	
Total Cost	\$150.00	\$125.00	\$360.00	\$840.00	\$0.00		\$2,191.00



ITEM-1

ITEM-4

ITEM-3

ITEM-2

© 2014 Google

May 19, 2014

Muhammad Ali, PE
Associate, Project Manager
Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, TX 77042

RE: Topographic Surveying, Zapata Tract

Dear Mr. Ali

Kuo & Associates, Inc. is pleased to submit this proposal to perform topographic surveying services for the above referenced project.

The scope of work and fee will be as follows:

SCOPE OF WORK

Scope of work will be to perform topographic surveying for the Zapata Tract and a segment of the parking lot as shown in the attached exhibit.

The topographic surveying will be performed in compliance with the Category 6, Condition 2 survey as per the latest TSPS Manual of practice and topographic survey requirements. In general our office will perform necessary field and office work for the following items:

- Establish survey control – the survey datum will be based on NAD 83 horizontal, and NAVD 88 vertical and will be tied to nearby TSARP survey monument
- Survey all topographic and utility features within the project area including all trees with 3" caliper and over
- Survey spot elevations at an approximately 20-foot to 30-foot grid pattern plus areas with apparent grade breaks
- Invert all manholes and inlets within the project limit
- Delineate approximate boundary line appropriate for topo survey. Any boundary survey is beyond the scope of this project
- Prepare a plan drawing showing all topo features and available utility features.

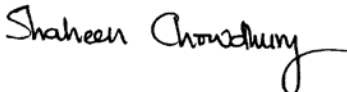
FEE AND SCHEDULE:

The fee for the above-described work will be a lump sum amount of \$3,799.00. Details on the level of efforts are shown in the attached table.

We can complete work in 30 calendar days upon your authorization to proceed.

We appreciate this opportunity to submit this proposal. If you need further information, please do not hesitate to contact me.

Sincerely,



Shaheen Chowdhury, P.E., R.P.L.S.

Level of Efforts							
ITEM	Principal \$150.00	RPLS \$125.00	SIT \$90.00	CADD \$70.00	Crew \$134.00	Hrs	Cost
Survey Control			1		3	4	\$492.00
Survey field work			1		12	13	\$1,698.00
manhole/inlet inverts			1		1	2	\$224.00
ROW			1			1	\$90.00
Plan			2	12		14	\$1,020.00
QC/QA		1				1	\$125.00
Proj Mgmt	1					0	\$150.00
Total Hrs	1	1	6	12	16	35	
Total Cost	\$150.00	\$125.00	\$540.00	\$840.00	\$2,144.00		\$3,799.00



survey 20' beyond the fence

survey 100' beyond the fence

PROJECT SITE

survey 20' beyond the fence



May 20, 2014

Lockwood, Andrews & Newnam, Inc.
2925 Briarpark Drive, Suite 400
Houston, TX 77042

Attention: Muhammad M. Ali, P.E.
Associate, Project Manager

Dear Muhammad:

**Re: Town and Country Roundabout Peer Review
Houston, TX
GHD Proposal Number 14240**

This proposal provides for: roundabout analysis; review of the horizontal geometrics; and, review of the 60% design, for a proposed roundabout at Town & Country in the City of Houston, Texas. GHD Inc. is accustomed to assisting local engineering firms by providing a range of design, review, oversight, and public outreach services to assure the agency that the roundabout achieves the desired operating conditions.

A work program that has proven successful with our involvement is to assist with making the best strategic decision concerning the critical design features of a roundabout layout. Thus, we submit the following scope of work for your approval:

Conceptual Design

Provide review and possible adjustments to the conceptual horizontal roundabout design for the proposed intersection. We will consult with you on local constraints and have allowed for two iterations based on anticipated discussions and feedback. Upon completion of the roundabout concept, GHD can conduct a web conference meeting with the City to discuss our comments on the concept and any proposed adjustments to it. Our effort at the concept stage will focus on:

- Operations during the AM and PM peak hour forecasted traffic volumes for the roundabout using ARCADY and the HCM roundabout capacity procedure.
- Determine residual capacity.
- Geometry:
 - Size and location of circle
 - Incorporation of access and cross-streets
 - Alignment of approaches
 - Roundabout functionality by checking fast paths, vision angles, and phi angles
 - Accommodating design vehicle turning movements,



- Bicycle and pedestrian accommodations
- Meeting driver expectations
- Minimization of right-of-way impacts

We will complete a technical memorandum documenting the operational analysis and the conceptual design review. GHD will complete a submission package for the conceptual roundabout that can be forwarded to the City for their review. The submission package will document horizontal geometric performance checks which include: horizontal design dimensions, fast paths, truck swept paths, path overlap, entry angles, and sight distance envelopes.

60% Design - Review

Following validation and any adjustments to the conceptual design, GHD will conduct a review for each of the following items for the final design of these roundabouts. GHD will provide red-line mark-ups to PDF documents, review comments and conduct web conference meetings as necessary:

- Final horizontal geometrics
- Vertical geometrics (Typical sections, profiles and spot elevations)
- Pavement marking
- Signing
- Landscaping
- Lighting
- Final Plan Sheet Review

Three teleconference calls have estimated for within the proposed fees, however if additional meetings and/or an in-person meeting is required, they will be considered an additional service and will be invoiced at our normal hourly rates plus expenses, subject to your approval.

Staffing and Schedule

Our available resources include eight engineers, all specialized in roundabout design and three support staff. Jed Munroe, P.E. will manage the project and act as the point of contact for design and review tasks. Mark Lenters, Service Group Manager, will provide the quality assurance review to ensure that the goals of the City are served by this review.

If authorized, GHD will coordinate with your schedule to respond in a timely fashion. The comments and mark-ups could be provided in as little as three weeks if necessary to meet your schedule.



Professional Fees and Authorization

We propose services based on a cost not to exceed **Eleven Thousand, Four Hundred and Seventy Dollars (\$11,470.00)** for this design review in accordance with the above proposed scope of work. A breakdown of our fee is shown on the following page.

This quote for professional services is valid for a period of thirty days. We look forward to working with you on this project.

Yours truly,
GHD, INC. (Texas Firm No. 11309)

Jedidiah Munroe, P.E.
 Project Manager

Mark Lenters, P.E.
 Service Group Manager

FEE DESCRIPTION	Service Group Manager	Project Manager	Project Engineer	
Administration/Coordination	0	2	0	\$ 250
60% Design Review				
Conceptual Design, Final Horizontal Design and Checks Documentation	6	16	5	\$ 3,735
Vertical Design	2	10	0	\$ 1,670
Pavement Marking	0	1	2	\$ 315
Signing	1	2	2	\$ 650
Lighting	0	2	0	\$ 250
Landscaping	0	2	0	\$ 250
Final 60% Plan Review	4	6	0	\$ 1,590
Teleconference Meetings (3) and Reporting Documentation	6	12	0	\$ 2,760
Hours and Fee Proposal	19	51	9	\$ 11,470

Barryknoll East

Drainage and Roadway and Reconstruction Project
WBS No. T-170015-0001-3

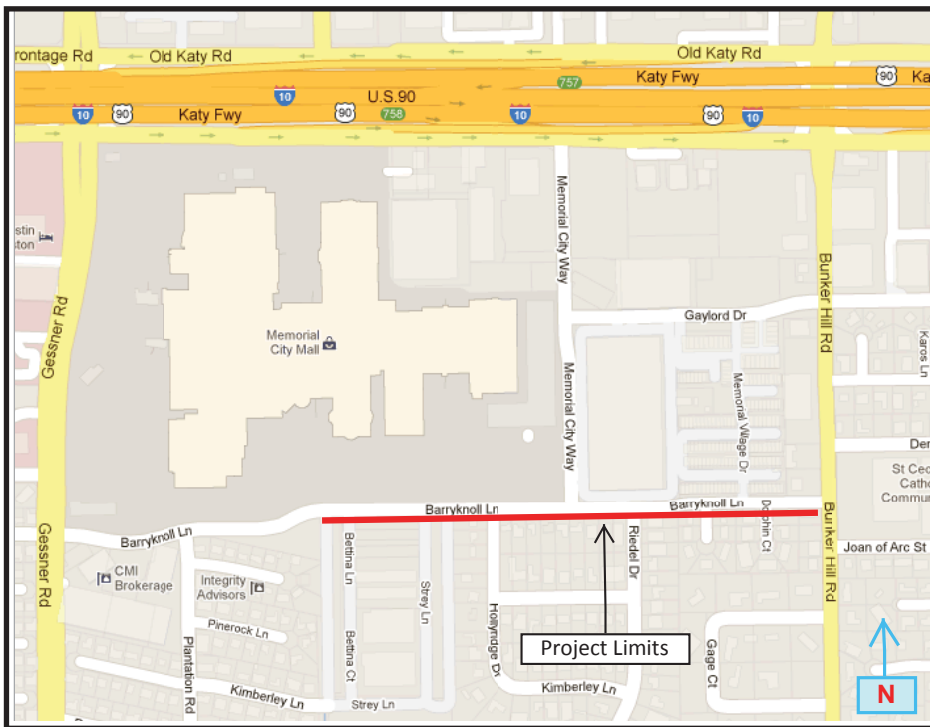
TIRZ 17

REDEVELOPMENT
AUTHORITY



Project Location

The project is located along Barryknoll Lane between Gessner Road and Bunker Hill Road running along the south side of the Memorial City Mall. The final design and construction of the project was split into two phases. The first phase that is currently under construction is between Bunker Hill Road and the Harris County Flood Control Channel W-151-00-00 (At the entrance to the Memorial City Mall west of Bettina Court).



Not to scale

Project Purpose

The purpose of the Project is to improve local and regional drainage with the installation of additional storm sewer (2 ~ 8'x6' reinforced concrete boxes) which will result in increased conveyance and an additional flood storage of over 4.5 ac-ft.

Project Description

The overall construction will consist of removal and replacement of storm sewer facilities, water lines, sanitary sewer, concrete pavement, and sidewalks throughout the project limits. The traffic signal at Memorial City Way will also be upgraded to meet current City of Houston Standards.

Status Report

Current Traffic Control

- Completed work at northwest corner of Barryknoll Lane and Memorial City Way.
- Breaking and removing existing paving east of Memorial Way.
- Completes water line connection of Memorial City Way.
- Continuing installation of storm sewer reinforced concrete boxes.

- Beginning of project to Memorial City Way: All 4 lanes open for two-way traffic
- Memorial City Way to Bunker Hill Road: Only 1 lane open for one-way traffic to east.

Construction Schedule

Construction Phases	Schedule Completion	Payment Estimates	
Phase I - South Side from W151 Channel to Bunker Hill - Installation of north & south water lines and sanitary sewer. - Replacement of concrete pavement, driveways, and sidewalk on south side.	July 2013	Original contract amount	\$5,874,319.99
Phase II - North Side from W151 Channel to Memorial City Way Intersection - Build storm reinforced concrete box, concrete pavement, sidewalk, and traffic signal at Memorial City Way.	October 2013	Change order amount to date	(-\$50,081.81)
Phase III - North Side from Memorial City Way to Bunker Hill - Install remaining storm reinforced concrete box, concrete pavement, driveways, and sidewalk on north side.	March 2014	Current contract amount	\$5,824,238.18
		Previous payments	\$3,358,063.63
		Current payment due	\$95,416.57

* For more information please refer to TIRZ 17 website



Barryknoll Lane looking east - installing storm water boxes.



Barryknoll Lane looking west- existing paving removed.



Completing the work at intersection of Barryknoll Lane and Memorial City Way.

Construction Time:

- Contract time is 365 calendar days.
- Notice to Proceed date – March 18, 2013
- Contract completion date – March 25, 2014

Contact Information:

Construction Manager (CM):
Lockwood, Andrews, and Newnam, Inc. (LAN)
2925 Briarpark Dr., Suite 400
Houston, TX 77042

Contractor:
Texas Sterling Construction Co.
20810 Fernbush
Houston, TX 77073



MEMORIAL CITY REDEVELOPMENT AUTHORITY

Tax Increment Reinvestment Zone No. 17

CHANGE ORDER

Document 00941
CHANGE ORDER No. 3

PROJECT: Barryknoll Lane East Roadway and Drainage Improvements

TO: Texas Sterling Construction Co.
Contractor and 20810 Fernbush
Address for Written Notice Houston, TX. 77073

PROJECT No.: T-170015-0001-3

1.01 DESCRIPTION OF CHANGES

CONTRACT CHANGE

ITEM 1 SCOPE: Contract time extension and extended cost for complete demobilization due to delay in AT&T relocating their ductbank. Items covered by this added cost include, weekly site review by the superintendent, SWP3 inspections and maintenance, and City required traffic barricades rental and maintenance, for three months.

Amount \$18,969.60
Time 106 Days

JUSTIFICATION: Contractor could not continue work until existing AT&T ductbank was relocated requiring complete demobilization.

Table with 7 columns: Unit Item No, Unit Item Description, Unit, Add/Deduct Qty, Unit Price, Add/Deduct Amount. Row 1: New Item xx, Extended overhead cost, LS, 1.00, \$18,969.60, \$18,969.60

TOTALS: \$ 18,969.60 106 Days

1.02 ACCEPTANCE BY CONTRACTOR

Contractor agrees to perform change(s) included in this Change Order for the price and time indicated. The prices for changes include all costs associated with this Change Order.

Contractor Signature and Title: [Signature] Date: 5-14-2014

1.03 ACCEPTANCE BY THE MEMORIAL CITY REDEVELOPMENT AUTHORITY

Project Manager: [Signature] Date: 5/16/2014 Program Manager: N/A Date:
Executive Director, TIRZ No. 17: [Signature] Date: 05/22/14



MEMORIAL CITY REDEVELOPMENT AUTHORITY

Tax Increment Reinvestment Zone No. 17

CHANGE ORDER

Document 00941
CHANGE ORDER No. 3

PROJECT: Barryknoll Lane East Roadway and Drainage Improvements

EXECUTIVE SUMMARY

Table with 4 columns: Item, Description, Dollar Amount, Percent. Rows include Original Contract Price, Previous Change Orders, This Change Order, and Contract Price.

Date of Commencement of the Work: Monday, March 18, 2013

Table with 4 columns: Item, Description, Duration, Completion Date. Rows include Original Contract Time, Previous Change Orders, This Change Order, and Contract Time.

1.03 TOTAL VALUE OF INCREASES OUTSIDE OF GENERAL SCOPE OF WORK

A. Including this Change Order, the following table is provided to track conditions related to Paragraph 7.1.2.3 of Document 00700 - General Conditions.

Table with 3 columns: Change Order No., Amount Added, Percent of Original Contract Price. Includes a row for 'TOTALS'.

END OF DOCUMENT

Briar Branch (W140-01-00)

Stormwater Detention Basin (Phase I & Phase II)
WBS No. T-17000-0011-6



Project Description

The Briar Branch drainage area covers a relatively flat region north of IH-10 and south of Neuens Road. The region has had a number of documented flood events. The areas located immediately north of Briar Branch and south of the Long Point Fault line that traverses this area have seen the greatest frequency of flooding.

TIRZ 17 undertook a Regional Drainage Study (RDS) of approximately 4,000 acres for the purpose of identifying regional solutions to existing drainage problems. The proposed basin is the first phase of planned improvements for the Briar Branch watershed. It will serve as mitigation for upstream channel improvements (Phase II) and storm sewer conveyance improvements (Phase III) in the immediate area of Briar Branch. The planned total volume of the detention basin is 44 ac-ft, of which approximately 40 ac-ft (89%) is dedicated for community flood damage reduction.



Not to scale

TIRZ 17 Mission Statement

The mission of the Tax Increment Reinvestment Zone #17 (TIRZ 17) is to enhance the redevelopment and economic growth within the TIRZ by targeting projects to improve drainage, mobility and the quality of life.

Project Location

The proposed regional detention site is located 1300 feet east of Bunker Hill Road and on the south side of Briar Branch. The basin site is immediately adjacent to and east of a major shopping center located at the northeast corner of Bunker Hill Road and IH-10.

Status Report

Phase I - Utility Relocation Package

- Project completed.

Phase II - Detention Basin Package

- Completed landscaping and irrigation system.
- Executed final change order.
- Project completed.



The final project as designed and constructed may vary from the depiction.

Construction Schedule

Construction Phases	Schedule Completion
Phase I - Utility Relocation Package - Public utilities relocated to accommodate the proposed Detention Basin.	August 2013
Phase II - Detention Basin Package - Construction of detention basin which involves soil excavation, site utility demolition/clearing and grubbing, construction of outfall structure, fine grading, installation of riprap, slope paving, construction of concrete pilot channels, and landscaping. - Contract amount: \$2,835,903.90	May 2014

Payment Estimates (Phase I)	
Original contract amount	\$329,821.05
Change order amount to date	(\$13,472.78)
Current contract amount	\$316,348.27
Previous payments	\$316,348.27
Current payment due	\$0.00

Payment Estimates (Phase II)	
Original contract amount	\$2,835,903.90
Change order amount to date	(\$0.00)
Current contract amount	\$2,835,903.90
Previous payments	\$2,169,895.22
Current payment due	\$101,411.74



Phase II- Hydromulch, landscaping and irrigation system have been completed.

Construction Time:

- Phase I
 - Project Completed
- Phase II
 - Construction completed March 26, 2014.

Contact Information:

Construction Manager (CM):
Lockwood, Andrews, and Newnam, Inc. (LAN)
2925 Briarpark Dr.
Houston, TX 77042

Contractor:
Phase I: Reytec
1901 Hollister Rd.
Houston, TX 77080

Phase II: L. N. McKean, Inc.
PO Box 130250
The Woodlands, TX 77393



MEMORIAL CITY REDEVELOPMENT AUTHORITY

Tax Increment Reinvestment Zone No. 17

CHANGE ORDER

Document 00941
CHANGE ORDER No. 2
FINAL

PROJECT: Briar Branch Stormwater Detention Basin

TO: L.N. McKean, Inc. PROJECT No.: T-17000-0011-6
Contractor and P.O. Box 130250
Address for Written Notice The Woodlands, TX 77393

1.01 DESCRIPTION OF CHANGES

CONTRACT CHANGE

ITEM 1 SCOPE: Adjust the pay item quantities to reconcile with the final agreed upon quantities and, add new item for fence. This change order shall constitute full, final and complete settlement for all cost and schedule impacts.
Amount: \$(378,092.61)
Time: 0 Days

JUSTIFICATION: Reconciliation of final agreed upon quantities and full, final and complete settlement of all cost and schedule impacts in accordance with Document 00700 - General Conditions, and Document 00800 - Supplementary Conditions.

Table with columns: Unit Item No, Unit Item Description, Unit, Add/Deduct Qty, Unit Price, Deduct, Amount, Add

SEE ATTACHMENT FOR SUMMARY OF ADJUSTMENTS

SUBTOTAL \$0.00 \$0.00

TOTALS: \$(378,092.61) 0 Days

1.02 ACCEPTANCE BY CONTRACTOR

Contractor agrees to perform change(s) included in this Change Order for the price and time indicated. The prices for this and previous Change Orders constitute full, final, & complete settlement for all cost and schedule impacts.

Contractor Signature and Title: LEE MCKEAN
Date: 5-19-14

1.03 ACCEPTANCE BY MEMORIAL CITY REDEVELOPMENT AUTHORITY

Construction Manager Signature and Title
Date: 5/19/14

Project Manager Signature and Title
Date: 5/19/2014

Executive Director, TIRZ No. 17 Signature and Title
Date: 05/22/14



MEMORIAL CITY REDEVELOPMENT AUTHORITY

Tax Increment Reinvestment Zone No. 17

CHANGE ORDER

Document 00941
CHANGE ORDER No. 2
FINAL

PROJECT: Briar Branch Stormwater Detention Basin

EXECUTIVE SUMMARY

1.01 CONTRACT PRICE SUMMARY		DOLLAR AMOUNT	PERCENT
A.	Original Contract Price	\$2,835,903.90	100.0%
B.	Previous Change Orders	\$0.00	0.0%
C.	This Change Order	\$(378,092.61)	-13.3%
D.	Contract Price	\$2,457,811.29	86.7%

Date of Commencement of the Work: Wednesday, August 21, 2013

1.02 CONTRACT TIME SUMMARY		DURATION	COMPLETION DATE
A.	Original Contract Time	180 Days	Monday, February 17, 2014
B.	Previous Change Orders	37 Days	Wednesday, March 26, 2014
C.	This Change Order	0 Days	Wednesday, March 26, 2014
D.	Contract Time	217 Days	Wednesday, March 26, 2014

1.03 TOTAL VALUE OF INCREASES OUTSIDE OF GENERAL SCOPE OF WORK

A. Including this Change Order, the following table is provided to track conditions related to Paragraph 7.1.2.3 of Document 00700 - General Conditions.

CHANGE ORDER No.	AMOUNT ADDED	PERCENT OF ORIGINAL CONTRACT PRICE
		0.0%
TOTALS		0.0%

END OF DOCUMENT

Change Order No. 2 Attachment

Unit Item No.	Unit Item Description	Unit	Add/Deduct		Unit Price	Deduct	Add	
			Qty.					
2	Uniformed Peace Officer	HR	-775		\$40.00	(\$31,000.00)		
14	Excavation	CY	-12618		\$10.75	(\$135,643.50)		
16	Reinforced Silt Fence	LF	50		\$1.50		\$75.00	
17	Filter Dam (Type 3)	LF	-100		\$25.00	(\$2,500.00)		
20	10" Wide Conc. Pilot Channel	LF	-121		\$80.00	(\$9,680.00)		
21	Conc. Channel Lining, 6"	SY	-318.18		\$71.00	(\$22,590.78)		
25	24" CMP	LF	19		\$69.00		\$1,311.00	
36	Turf Est - Sodding	SY	-10691		\$4.00	(\$42,764.00)		
37	Hyromulch Seeding	SY	11426		\$0.30		\$3,427.80	
38	Landscape Maintenance	LS	-1		\$7,500.00	(\$7,500.00)		
40	6" Over-excavate Trench Bottom	LF	-165		\$4.00	(\$660.00)		
41	Excavation Around Obstructions	CY	-100		\$30.00	(\$3,000.00)		
42	Extra Hand Excavation	CY	-100		\$15.00	(\$1,500.00)		
43	Extra Machine Excavation	CY	-100		\$20.00	(\$2,000.00)		
44	Extra Placement of Backfill Material	CY	-100		\$6.00	(\$600.00)		
45	Extra Cement Stabilized Sand	CY	-100		\$30.00	(\$3,000.00)		
46	Extra Trench Shoring Syst 5 - 20 ft.	LF	-20		\$4.00	(\$80.00)		
48	Extra Concrete Channel Lining, 6"	SY	-350		\$80.00	(\$28,000.00)		
49	Extra 18" Rip-rap Gradation No. 1	CY	-10		\$100.00	(\$1,000.00)		
50	Extra 24" Rip-rap Gradation No. 1	CY	-10		\$150.00	(\$1,500.00)		
51	Extra Steel Sheet Piling (Weir)	SF	-100		\$100.00	(\$10,000.00)		
52	Extra 24" CMP	LF	-10		\$65.00	(\$650.00)		
53	Extra 36" CMP	LF	-10		\$100.00	(\$1,000.00)		
54	Extra Turf - Sodding	SY	-1500		\$5.00	(\$7,500.00)		
55	Extra Turf - Hydromulch Seeding	SY	-2000		\$0.20	(\$400.00)		
56	Extra Uniformed Peace Officer	HR	-180		\$40.00	(\$7,200.00)		
57	Early Completion	Day	20		\$5,000.00	(\$100,000.00)		
58	TXDOT Permit	LS	-1		\$2,500.00	(\$2,500.00)		
61	Street Cut Permit	LS	-1		\$2,500.00	(\$2,500.00)		
New Item	Fence	LS	1		\$41,762.95		\$41,861.87	
						(\$424,768.28)	\$46,675.67	(\$378,092.61)



RICE

Susanne M. Glasscock School of Continuing Studies

THIS IS TO CERTIFY THAT

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WAS ENROLLED IN THE COURSE

**THINKING ON YOUR FEET: DEVELOPING
CREATIVE COMMUNICATION SKILLS**

AND RECEIVED

1.6 CONTINUING EDUCATION UNITS

ON

MONDAY, APRIL 21, 2014

SUSANNE M. GLASSCOCK SCHOOL OF CONTINUING STUDIES

RICE UNIVERSITY - HOUSTON, TEXAS

KIM MCGAW
PROFESSIONAL PROGRAMS DIRECTOR

MARY B. MCINTIRE
DEAN



MEMORANDUM

TO: The Goodman Corporation Clients
FROM: Barry M. Goodman
DATE: May 5, 2014
SUBJECT: **GROW AMERICA Act Update**

On April 29th, the U.S. Department of Transportation introduced the GROW AMERICA (Generating Renewal, Opportunity, and Work with Accelerated Mobility, Efficiency, and Rebuilding of Infrastructure and Communities throughout America) Act, the Administration's four-year, \$302 billion federal surface transportation reauthorization bill. The bill would succeed the current law, MAP-21, which is set to expire on September 30, 2014. GROW AMERICA is the first reauthorization bill to be released and both Houses of Congress are expected to propose similar legislation in the coming weeks.

The full act can be accessed at <http://www.dot.gov/grow-america>, and a list of highlights is provided below:

GROW AMERICA Act Highlights

- Provides a four-year, \$302 billion bill (a 37% increase over MAP-21);
- Promotes tolling on interstate highways and business tax reform measures to generate necessary funding;
- Increases funding levels for surface transportation and congestion mitigation by approximately \$1.5 billion annually;
- Provides \$72 billion over four years for public transit programs (a large increase over the current \$10.5 billion annual program) and approximately \$3 billion more annually via formula funding;
- Provides a new dedicated \$2 billion program for Bus Rapid Transit;
- Continues the Transportation Infrastructure Finance and Innovation Act (TIFIA) program, which provides low interest rate loans for transportation infrastructure projects;
- Proposes to streamline and simplify environmental and other permitting processes as it relates to infrastructure projects;
- Funds the TIGER program at \$1.25 billion annually (more than doubles current funding levels);

- Creates a new discretionary grant program – Fixing and Accelerating Surface Transportation (FAST) at \$1 billion annually;
- Creates new discretionary program for freight infrastructure projects;
- Proposes the creation of a “high performance” Metropolitan Planning Organization (MPO) designation that would allow designated MPOs to distribute additional federal funding;
- Removes congestion management process requirement for MPOs; and
- Limits the creation of new MPOs within an existing Metropolitan Statistical Area.

As the reauthorization process unfolds and additional bills are released and refined, TGC will continue to provide updates on how each of the proposed bills will impact the ability of our clients to leverage federal transportation dollars.



END OF REPORT