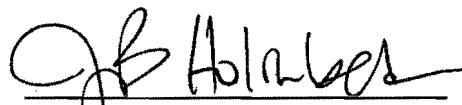


TIRZ 17 Redevelopment Authority  
Memorial City Redevelopment Authority  
Houston, Texas

The Board of Directors of the TIRZ 17 Redevelopment Authority (aka the Memorial City Redevelopment Authority) will hold a regular meeting on Tuesday, October 28, 2014, at **8:00 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 September 30, 2014.
4. Financial and bookkeeping matters, including payment of invoices, review of investments and project cash flow reports.
5. Ratify FY2015 Operating Budget and 2015-2019 CIP plan as amended by CIP Committee.
6. Report on status of annexation and discuss Second Amendment to Project Plan and Reinvestment Zone Financing Plan.
7. Provide copy of insurance renewal for workers compensation for record.
8. Special presentation to the Board by Moody Rambin: "Town & Country Blvd & Queensbury Ln Intersection Realignment."
9. Authorize negotiation and preparation of Development Agreement between Memorial City Redevelopment Authority and Moody Rambin for the purpose of realignment of the Town & Country Blvd & Queensbury Ln intersection.
10. Special presentation to the Board by The Goodman Corporation: "Available Funding Opportunities."
11. Review and approve proposal from The Goodman Corporation for professional services in order to assist TIRZ 17 identify and implement grant funding opportunities.
12. Review and approve task order from Klotz Associates for "CIP #1734B, Bunker Hill Bridge and related Flood Mitigation Phase I Preliminary Engineering Report" contingent on City Council approval.
13. Review and approve task order from Lockwood, Andrews, Newnam, Inc., "CIP #1734, W140 Channel Improvements, Response to Brown and Gay Letter."
14. Barryknoll East Improvement Project, including;
  - a. Construction status.
  - b. Approval of time modifications, changes in work or pay applications.
15. Executive Director's Report.
16. Convene in Executive Session pursuant to Section 551.072, Texas Government Code, to deliberate the purchase, exchange, lease, or value of real property.
17. Reconvene in Open Session and authorize appropriate action regarding the purchase, exchange, lease, or value of real property.
18. Review and approve task order from Klotz Associates for "CIP #1735, Detention Basins Feasibility Study."
19. Review and approve task order from Lockwood, Andrews, Newnam, Inc., for Professional Engineering Consulting Services.
20. Adjournment.

  
\_\_\_\_\_  
Attorney for the Authority

512604.docx

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](mailto: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.

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

September 30, 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 September 30, 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  
David A. Hamilton, Director  
Glenn Airola, Secretary

Board members not in attendance:

John Rickel, Director  
Zachary R. Hodges, Director

Staff in attendance:

Don Huml - Executive Director

Consultants in attendance:

Michelle Lofton of ETI Bookkeeping Services  
Raphael Ortega and Muhammad Ali of Lockwood, Andrews & Newnam, Inc. ("LAN")  
Ramesh Gunda of Gunda Corporation, LLC  
Carlos Bujosa of Transwestern  
Jessica Holoubek and Kristen Hogan of Allen Boone Humphries Robinson LLP ("ABHR")  
Gary Struzick - Klotz Associates, Inc. ("Klotz")  
Steve Bonjonia of Property Acquisition Services, LLC ("PAS")  
Joseph Ellis of McCall Gibson Swedlund Barfoot PLLC  
James Vick of SWA Group  
Jim Webb and Barry Goodman of The Goodman Corporation ("TGC")

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

Jennifer Curley and Omar Izfar  
City Council Member Oliver Pennington  
Amy Peck, Chief of Staff for City Council Member Brenda Stardig

**1. Call Meeting to Order**

Having established that a quorum of the Board was present, Mr. Huml called the meeting to order at 8:00 a.m.



## **2. Public Comments**

Council Member Pennington commented on development in the area and future improvements to accommodate new development. He commended the Board for its efforts, including the community meeting held during the prior month to discuss the proposed annexation of property into the TIRZ 17 boundaries. He encouraged the Board to continue its efforts to evaluate and proceed with improvement projects to improve livability in the area.

Mr. Robert Benz thanked the Board for holding the recent community meeting and allowing for public input on Authority matters and projects. He commented on the importance of community involvement and drainage and mobility improvements.

Mr. Peter Gilmore commented on the annexation maps discussed at the community meeting and encouraged the Board to provide additional information regarding the timing and process for the future annexation of additional property included in the "Plan B" map that is not being included in the current annexation.

Ms. Roberta Prazak commented on the community meeting and asked whether minutes of the meeting would be available. She also questioned mobility plans for Memorial and Gessner and commented on transparency.

Mr. Ed Browne commented on neighborhood representation by Directors Rickel and Tucker. He commented on discussions at the community meeting and efforts to obtain information on discussions from the meeting. He commented on the need for additional evaluation of the plans for Memorial and Gessner. He also commented on the importance of the drainage "straws" to assist with drainage in the neighborhoods.

Ms. Virginia Gregory presented pictures of the Memorial area following Hurricane Ike and a heavy rainfall event in 2009. She commented on the need for improvements to Briar Branch Creek.

Ms. Donna Freeman commented on the Local Interaction Group and Authority information made available to the public. She commented on information she is distributing to neighbors regarding annexation and project plans.

## **3. Minutes of August 15, 2014 Meeting**

The Board reviewed the minutes of the August 15, 2014, special meeting. Following review and discussion, Director Tucker moved to approve the minutes as submitted. The motion was seconded by Director Hamilton and carried unanimously.

#### **4. Minutes of August 26, 2014 Meeting**

The Board reviewed the minutes of the August 26, 2014, regular meeting. Following review and discussion, Director Tucker moved to approve the minutes as submitted. The motion was seconded by Director Airola and carried unanimously.

#### **5. Financial and Bookkeeping Matters**

Ms. Lofton reviewed the financial report for August and presented checks for payment by the Authority. She then discussed two additional checks not reflected in her report as follows: (1) check no. 10265 in the amount of \$15,226.04 for payment of two invoices from Klotz; and (2) check no. 10266 in the amount of \$133,117.07 for payment of two invoices from LAN. Ms. Lofton said the checks will be reflected on next month's report. After review and discussion, Director Hamilton moved to approve the financial report and payment of the bills presented, including the two additional checks presented by Ms. Lofton. The motion was seconded by Director Givens and passed by unanimous vote.

#### **6. Audit for Fiscal Year Ending June 30, 2014**

Mr. Ellis reviewed the audit for the fiscal year ending June 30, 2014, and the related management representation letter. Following review and discussion, Director Givens made a motion to approve the audit for the fiscal year ending June 30, 2014, and to authorize submittal of the audit to the City. The motion was seconded by Director Freels and carried by unanimous vote.

#### **7. Local Interaction Group Report and Update**

Director Hamilton reported on discussions at the previous Local Interaction Group meeting held on September 25, 2014, including discussions regarding a community meeting to discuss Briar Branch improvements. He also reported on discussions regarding drainage projects, annexation plans, and concerns regarding plans for Memorial and Gessner. Director Hamilton said future Local Interaction Group meetings will be held every other month and the Authority may alternate Board member attendance at the meetings. He said anyone interested in attending Local Interaction Group meetings should contact Mr. Huml for meeting information.

Director Givens said the informational session regarding Briar Branch will be held at the next super neighborhood west meeting on November 13, 2014.

#### **8. Renewal of Insurance**

Mr. Huml reviewed the 2014-2015 insurance renewal proposals from Texas Municipal League for general liability, automobile liability, and errors and omissions

liability coverage for the Authority and TIRZ 17, effective October 1, 2014. Mr. Huml noted that the Authority also carries worker's compensation coverage. In response to questions, Mr. Huml said the coverages are the same and the premium slightly increased from last year's premium. After review and discussion, Director Givens made a motion to renew insurance coverage with the Texas Municipal League intergovernmental risk pool. Director Hamilton seconded the motion, and it passed unanimously.

**9. Ratify FY 2015 Operating Budget and 2015-2019 CIP Plan as Approved by City Council**

This item was tabled until the next Board meeting.

**10. Report on Status of Annexation and Update on Public Comment Period**

Mr. Huml reported on comments received regarding the proposed annexation of property into the TIRZ 17 boundaries, noting the 30-day public comment period ended on September 30, 2014. He reported on discussions at the community meeting held on September 15, 2014.

**11. Proposal from Property Acquisition Services, LLC to Prepare Metes and Bounds Survey for Annexation Areas North of Interstate 10**

The Board reviewed a proposal from PAS to prepare a revised Zone boundary map to include the proposed annexation tracts. Upon a motion made by Director Givens and seconded by Director Airola, the Board voted unanimously to approve the proposal for a total cost not to exceed \$12,000.

**12. Task Order from LAN for CIP #1738A Memorial Drive Drainage and Mobility Phase I Preliminary Engineering Report**

The Board reviewed a proposal from LAN to prepare a phase I preliminary engineering report for drainage, road, pedestrian, public utility, and traffic improvements along Memorial Drive between the Beltway 8 frontage road and Tallowood Road for a cost of \$428,600. After review and discussion, Director Hamilton moved to approve the proposal from LAN. Director Freels seconded the motion, which passed unanimously. Mr. Huml noted that the Board's approval of the LAN proposal is subject to the City's approval of the TIRZ 17 budget which includes this project. Ms. Curley added that the budget is scheduled for consideration by City Council on October 14, 2014.

**13. Task Order from Klotz for CIP #1732A North Gessner Drainage and Mobility Phase II Detailed Design**

The Board reviewed a proposal from Klotz for phase II detailed design services for the North Gessner drainage and mobility improvements project, including North Gessner reconstruction from Interstate 10 to north of Westview Drive. Mr. Huml noted the total cost for the engineering services is not to exceed \$619,360, and Board approval of the proposal is subject to the City's approval of the TIRZ 17 budget which includes this project. Following review and discussion, Director Tucker moved to approve the proposal from Klotz. Director Hamilton seconded the motion, which passed unanimously.

**14. Discussion Regarding a TIRZ 17 and Moody Rambin Agreement for the Town & Country Blvd. and Queensbury Lane Intersection Realignment**

Mr. Huml reviewed drawings showing proposed plans to realign the intersection of Town & Country Blvd. and Queensbury Lane. He discussed the possibility of the Authority entering into a development agreement with Moody Rambin for reimbursement of the project costs. Mr. Huml reviewed a proposal submitted by Gunda Corporation, LLC to Moody Rambin for engineering design and construction services associated with the project. Mr. Gunda responded to questions from the Board regarding the proposed project. Director Airola recommended that the Board receive a presentation from the design engineer for any new projects requested for Board consideration in order to determine the preliminary plans, purpose, and benefits of the project. After discussion, the Board concurred to table this item and to request a more detailed presentation on the project at a future meeting, including the proposed terms for a development agreement.

**15. Task Order from Gunda Corporation for Peer Review of Conrad Sauer Design**

Mr. Gunda reviewed a proposal from Gunda Corporation, LLC to provide peer review services associated with the design of the Conrad Sauer detention basin revitalization project. Director Hamilton requested that the proposal be revised to reflect a total "not-to-exceed" cost based on actual time and materials in lieu of a lump sum cost. Mr. Gunda said he will revise the proposal to reflect a total cost not to exceed \$24,990 based on time and materials. Director Hamilton moved to approve the proposal with the discussed revision. Director Tucker seconded the motion, which passed unanimously.

**16. Presentation to the Board: CIP #1717 Town and Country West Drainage and Mobility; Drainage Optimization Eastward**

Mr. Huml gave an introduction regarding this project. The Board then received a presentation from Mr. Ali regarding the purpose and goals of the project to improve drainage, with modeling based on the 100-year floodplain maps. Mr. Ali reviewed three options for the scope of the project and recommended proceeding with option IIIA. Discussion ensued regarding the amount included in the CIP for the project, which would only cover the cost associated with option III. The Board discussed the possibility of allocating additional funds for the project to achieve additional drainage capacity based on the expanded scope of option IIIA. Mr. Huml said LAN will prepare a task order for engineering design for the Board's consideration at the next meeting.

**17. Proposal from The Goodman Corporation for Professional Services to Assist TIRZ 17 to Identify and Implement Grant Funding Opportunities**

Mr. Goodman gave a follow-up presentation to the Board regarding state and federal grant funds available and the services provided by TGC to assist entities with identifying and applying for grant funding opportunities. He reviewed a proposal prepared for the Board's consideration, which reflects a total cost of \$115,000-\$130,000 to assist the Authority with pursuing grant funds. Discussion ensued regarding the lump sum fee structure that is unrelated to success of obtaining grant funds. Mr. Goodman discussed the successful record of TGC in obtaining grant funds for its clients, including many special purpose districts. Director Hamilton moved to approve the proposal from TGC, with instructions to Mr. Huml that back-up documentation be provided to the Board with invoices submitted by TGC in the same manner as with invoices from other consultants. Discussion ensued regarding various sources of grant funds available for the Authority to pursue. The Board expressed concerns about approving the proposal from TGC without knowing whether any projects included in the Authority's CIP would be eligible for grant funds. Mr. Goodman said TGC has reviewed the Authority's CIP with Mr. Huml and identified projects that may qualify for federal grant funds. Discussion then ensued regarding the timing for pursuing grant funds prior to the bidding process. After discussion, Director Hamilton withdrew his motion. The Board directed TGC to coordinate with Mr. Huml to prepare a summary of potential grant funds available for projects included in the Authority's CIP.

**18. Task Order from SWA Group for CIP #1725 Parks and Greenspace Improvements, Professional Design Services - On Call Services**

The Board reviewed a work order for Professional Design Services—On Call Services with SWA Group in an amount not to exceed \$18,000. Mr. Huml noted the work order will allow SWA Group, under his direction, to research the area to develop specific projects. Director Hamilton requested that a breakdown of the hourly fees be

provided with invoices submitted by SWA Group. Following review, Director Airola moved to approve the work order with SWA Group in an amount not to exceed \$18,000. Director Hamilton seconded the motion, and it carried by unanimous vote.

**19. Barryknoll East Improvement Project**

Mr. Ali updated the Board on the Barryknoll East roadway and drainage improvement project by Texas Sterling Construction Co. He noted the contractor is currently addressing punch list items. Mr. Ali reviewed and recommended payment of Pay Estimate No. 15 in the amount of \$158,742.09. Following discussion and review and based upon the engineer's recommendation, Director Airola moved to approve Pay Estimate No. 15 in the amount of \$158,742.09 to Texas Sterling Construction Co. The motion was seconded by Director Freels and carried unanimously.

**20. Executive Director's Report**

Mr. Huml reviewed status reports on the Briar Branch drainage improvements project and the Lumpkin Road drainage and mobility project.

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

At 9:50 a.m., Mr. Huml announced the Board would convene in executive session to deliberate the purchase, exchange, lease or value of real property. All attendees left the meeting except the Board members, Mr. Huml, Ms. Curley, Ms. Holoubek, Ms. Hogan, Mr. Ortega, Mr. Ali, Mr. Izfar, Mr. Struzick, Mr. Bujosa, and Mr. Bonjonia.

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

At 10:27 a.m., Mr. Huml announced the Board would reconvene in open session. Director Freels left the meeting. Upon reconvening in open session, Director Airola moved to authorize Director Freels to negotiate and execute a purchase and sale agreement. Director Givens seconded the motion, which passed unanimously.

**23. Adjournment**

There being no additional matters for the Board's consideration, Director Givens moved to adjourn the meeting. Director Hamilton seconded the motion, which passed unanimously.

Approved:

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

# Memorial City Redevelopment Authority

## Cash Management Report

September 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, 2015

### 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	19,248,556.80	9,708,959.46	841,877.05	29,799,393.31
Revenue	3,681.53	1,551.09	21.88	5,254.50
Expenditures	42,055.96	387,146.03	0.00	429,201.99
Ending Balance	19,210,182.37	9,323,364.52	841,898.93	29,375,445.82

### NOTES

Debt Service Payments due in Fiscal Year End 2015:

Date	Series	Principal	Interest	Total
9/1/2014	2008	430,000.00	180,670.00	610,670.00
9/1/2014	2011	540,000.00	161,184.00	701,184.00
9/1/2014	2011A	1,690,000.00	536,497.50	2,226,497.50
3/1/2015	2008	-	171,102.50	171,102.50
3/1/2015	2011	-	151,248.00	151,248.00
3/1/2015	2011A	-	503,965.00	503,965.00
			<b>Total FYE 2015</b>	<b>4,364,667.00</b>



## General Operating Fund

**BEGINNING BALANCE:** **19,248,556.80**

**REVENUE:**

Checking Interest - Bank of America	1,572.31	
Texpool Interest	24.05	
Wells Fargo/TexSTAR (Surplus Funds) Interest	222.84	
Texas Exchange CD Maturing Interest	1,862.33	
Voided Check (s)	0.00	
<b>Total Revenue:</b>		<b>3,681.53</b>

**DISBURSEMENTS:**

Checks Presented At Last Meeting	30,109.16	
Checks Written at/after Last Meeting	0.00	
FDIC Assessment Fee	1,048.26	
Direct Deposit Payroll	8,001.80	
Payroll Taxes	1,723.92	
Employee Expenses	1,172.82	
<b>Total Expenditures</b>		<b>42,055.96</b>

**Ending Balance:** **19,210,182.37**

**Location of Assets:**

Institution	Investment Number	Interest Rate	
Bank of America	*9516	0.2000	9,533,834.29
TexPool	*0001	0.0333	877,676.61
Wells Fargo *	TexSTAR Surplus Funds	0.0317	8,553,671.47
Texas Exchange Bank CD	*3601	0.7000	245,000.00
		<b>Total</b>	<b>19,210,182.37</b>
Certificate of Deposit	CD *4215	Term: 12 Months	Matures: 09/28/2015

**Memorial City Redevelopment Authority  
Checks Presented October 28, 2014**

<b>Num</b>	<b>Name</b>	<b>Description</b>	<b>Amount</b>
1418	Allen Boone Humphries Robinson LLP	Legal Fee	-7,974.63
1419	Equi-Tax, Inc	Tax Assessor Fee	-400.00
1420	ETI Bookkeeping Services	Bookkeeping Fee	-950.00
1421	Marsh Darcy Partners, Inc	Office Lease	-1,284.01
1422	TML Intergovernmental Risk Pool	Insurance	-2,555.84
<b>Total</b>			<b>-13,164.48</b>

## Capital Projects Fund

**BEGINNING BALANCE** **9,708,959.46**

**REVENUE**

Checking Interest - Bank of America	1,541.78	
TexPool Interest	9.31	
Voided Check(s)	0.00	
<b>Total Revenue</b>		<b>1,551.09</b>

**EXPENDITURES**

Checks Presented at Last Meeting	237,674.67	
Checks Written at/after Last Meeting	148,343.11	

Num	Name	Amount
10265	Klotz Associates Inc	-15,226.04
10266	Lockwood, Andrews & Newman, Inc.	-133,117.07
<b>Total</b>		<b>-148,343.11</b>

FDIC Assessment Fee	1,128.25	
<b>Total Expenditures</b>		<b>387,146.03</b>

**ENDING BALANCE** **9,323,364.52**

**Location of Assets:**

Institution	Investment Number	Interest Rate	Current Balance
Bank of America	*1719	0.2000	8,983,826.02
Tex Pool	*0003	0.0333	339,538.50
<b>Total</b>			<b>9,323,364.52</b>

**Memorial City Redevelopment Authority  
Checks Presented October 28, 2014**

<b>Num</b>	<b>Name</b>	<b>Description</b>	<b>Amount</b>
10267	Allen Boone Humphries Robinson LLP	Legal Fee	-1,332.50
10268	City of Houston - Water Bill	Water	-223.66
10269	Klotz Associates Inc	Engineering Consultant	-52,155.78
10270	Lockwood, Andrews & Newman, Inc.	Engineering Fee	-63,263.77
10271	SWA Group	Landscape Architect Services	-11,945.44
10272	Texas Sterling Construction Co.	Pay Estimate No. 16	-55,772.91
<b>Total</b>			<b>-184,694.06</b>

## Debt Service Fund

<b>BEGINNING BALANCE</b>		<b>841,877.05</b>
 <b>REVENUE</b>		
Wells Fargo/TexSTAR (2008 DSF) Interest	21.54	
Wells Fargo/TexSTAR (2008 Pled Rev) Interest	0.34	
<b>Total Revenue</b>		<b>21.88</b>
 <b>EXPENDITURES</b>		
2008 Debt Service Interest Payment	0.00	
2008 Debt Service Principal Payment	0.00	
<b>Total Expenditures</b>		<b>0.00</b>
 <b>ENDING BALANCE</b>		 <b>841,898.93</b>

**Location of Assets:**

Institution	Investment Number	Interest Rate	Current Balance
Wells Fargo *4601	TexSTAR 2008 DSF	0.0317	826,550.39
Wells Fargo *4603	TexSTAR DS Reserve	0.0317	272.17
Wells Fargo *4600	TexSTAR 2008 Pledged Rev	0.0317	15,076.37
		<b>Total</b>	<b>841,898.93</b>

Memorial City Redevelopment Authority  
Investment Report  
September 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.			Market	N.A.V.	
GOF	TexPool	0.0333	878,878.11	1.00006	24.05	(1,172.82)	877,729.27	1.00006	877,676.61
GOF	Wells Fargo/ TexStar	0.0317	8,553,816.43	1.000043	222.84	(0.00)	8,554,039.28	1.000043	8,553,671.47
CPF	TexPool	0.0333	339,549.56	1.00006	9.31	(0.00)	339,558.87	1.00006	339,538.50
DSF	Wells Fargo/ TexStar DSF	0.0317	826,564.39	1.000043	21.54	0.00	826,585.93	1.000043	826,550.39
DSF	Wells Fargo/ TexStar Res.	0.0317	272.18	1.000043	0.00	0.00	272.18	1.000043	272.17
DSF	Wells Fargo/ TexStar PJ Rev	0.0317	15,076.68	1.000043	0.34	0.00	15,077.02	1.000043	15,076.37

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	0.7000	245,000.00	12 Months	9/28/2015	247,461.26	(4,323.59)	1,862.33	245,000.00

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	18,517,660.31	Federal Reserve	23,483,822	FNCL	22,868,840	23,483,822

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.

*Michelle Gofst*  
Bookkeeper

*Don Huml*  
Investment Officer

Investment Officer	Date Assumed Office	Training Completed
Don Huml	4/30/2013	10/26/2013

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

				September			Year To Date (3 Months)			Annual
				Actual	Budget	Variance	Actual	Budget	Variance	Budget
<b>Ordinary Income/Expense</b>										
<b>Income</b>										
1000 · Income										
8223 · Interest Income				3,392	5,794	-2,402	10,962	17,383	-6,421	69,533
<b>Total 1000 · Income</b>				<b>3,392</b>	<b>5,794</b>	<b>-2,402</b>	<b>10,962</b>	<b>17,383</b>	<b>-6,421</b>	<b>69,533</b>
6-4320 · Increment Collections				0	0	0	9,675,318	0	9,675,318	10,170,258
<b>Total Income</b>				<b>3,392</b>	<b>5,794</b>	<b>-2,402</b>	<b>9,686,280</b>	<b>17,383</b>	<b>9,668,897</b>	<b>10,239,791</b>
<b>Expense</b>										
3335 · Management Consulting Services										
6320 · Legal				7,975	3,333	4,642	31,409	10,000	21,409	40,000
6322 · Eng Consultant/General Prof.Svc				13,906	4,167	9,739	13,906	12,500	1,406	50,000
6337 · Construction Audit				0	0	0	0	0	0	10,000
6343 · Other				165	0	165	2,332	0	2,332	0
<b>Total 3335 · Management Consulting Services</b>				<b>22,046</b>	<b>7,500</b>	<b>14,546</b>	<b>47,647</b>	<b>22,500</b>	<b>25,147</b>	<b>100,000</b>
5650 · Transfers										
6430 · Municipal Services				0	0	0	0	0	0	490,000
<b>Total 5650 · Transfers</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>490,000</b>
5706 · Debt Service										
5707 · Principal				0	0	0	2,660,000	2,560,000	100,000	2,560,000
5708 · Interest				0	0	0	878,352	878,352	0	1,806,771
<b>Total 5706 · Debt Service</b>				<b>0</b>	<b>0</b>	<b>0</b>	<b>3,538,352</b>	<b>3,438,352</b>	<b>100,000</b>	<b>4,366,771</b>
6-6420 · City of Houston Admin Fee				0	0	0	0	0	0	508,513
6300 · Administration & Overhead										
6321 · Auditor				0	0	0	16,000	16,000	0	17,000
6333 · Bookkeeping/Accounting				950	875	75	3,232	2,625	607	10,500
6340 · Administration Salaries/Benefit				9,583	11,833	-2,250	31,646	35,500	-3,854	142,000
6344 · Bond Svcs/Trustee/FA				400	400	0	1,200	1,200	0	4,800
6350 · Office Expense				1,173	1,250	-77	3,986	3,750	236	15,000
6351 · Office Lease				1,284	1,250	34	4,124	3,750	374	15,000
6353 · Insurance / FDIC Assess.Fee				4,732	3,750	982	9,387	11,250	-1,863	45,000
6560 · Payroll Expenses				142	0	142	427	0	427	0
<b>Total 6300 · Administration &amp; Overhead</b>				<b>18,264</b>	<b>19,358</b>	<b>-1,094</b>	<b>70,002</b>	<b>74,075</b>	<b>-4,073</b>	<b>249,300</b>
7000 · Capital Expenditure										
1701 · Gessner Widening				0	0	0	103	0	103	0
1709 · Lumpkin I-10 Westview				39,420	141,667	-102,247	77,928	425,000	-347,072	1,700,000
1713 · Memorial near Bwy 8 Drainage				0	0	0	113	0	113	0
1715A · Barryknoll East Drainage				61,653	515,293	-453,640	1,041,390	1,545,878	-504,488	6,183,510
1715B · Barryknoll West Drainage				0	13,833	-13,833	0	41,500	-41,500	166,000
1717 · Town & Country W. Drain/Mobil				136,880	183,333	-46,453	151,474	550,000	-398,526	2,200,000

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

	September			Year To Date (3 Months)			Annual
	Actual	Budget	Variance	Actual	Budget	Variance	Budget
1722 · Town & Country Blv Signalizatr	0	41,667	-41,667	35	125,000	-124,965	500,000
1725 · Parks & Green Space Improv.	10,845	41,667	-30,822	37,078	125,000	-87,922	500,000
1731A · Detention Basin & W-140 Bridge	634	183,333	-182,699	124,232	550,000	-425,768	2,200,000
1731B · Memorial Drainage & Mobility	0	0	0	205	0	205	0
1734 · W140 Channel Improvements	47,582	46,333	1,249	177,676	139,000	38,676	556,000
1735 · Detention Basin	22,117	1,250,000	-1,227,883	22,322	3,750,000	-3,727,678	15,000,000
<b>Total 7000 · Capital Expenditure</b>	<b>319,131</b>	<b>2,417,126</b>	<b>-2,097,995</b>	<b>1,632,556</b>	<b>7,251,378</b>	<b>-5,618,822</b>	<b>29,005,510</b>
<b>Total Expense</b>	<b>359,441</b>	<b>2,443,984</b>	<b>-2,084,543</b>	<b>5,288,557</b>	<b>10,786,305</b>	<b>-5,497,748</b>	<b>34,720,094</b>
<b>Net Income</b>	<b>-356,049</b>	<b>-2,438,190</b>	<b>2,082,141</b>	<b>4,397,723</b>	<b>-10,768,922</b>	<b>15,166,645</b>	<b>-24,480,303</b>



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

Invoice #: 1836  
Date: 10/15/2014

**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-November 2014		810.00	11/1/2014	810.00
Jan Buehler	Assist Don Huml: Download WinZip 6 PDF's; print color 8 1/2x11 18 pgs.	0.25	65.00	9/18/2014	16.25
Jan Buehler	Assist Don Huml: Print PDF of Invoices.	0.25	65.00	9/25/2014	16.25
Jan Buehler	Assist Don Huml: Download Zip File: print 2 sets each 187 pages.	0.5	65.00	9/26/2014	32.50
Jan Buehler	Assist Don Huml: Printing 3 PDF documents total 37 pgs b&w.	0.25	65.00	10/6/2014	16.25
	Bee-Line Delivery: City of Houston/Jennifer Curley 10.01.14		10.66	10/15/2014	10.66
Photocopies black & white	Photocopies (black & white) in house Price per page	3,686	0.10	10/15/2014	368.60
Photocopies (color) 8.5"x11"	Photocopies (color) 8.5"x11" in house price per page.	18	0.75	9/18/2014	13.50

Don Huml: Executive Director  
Reviewed: Don Huml  
Date: 10-21-14  
Code: 6351  
Amount: \$1,284.01

Thank you for your business.

**Total Due** \$1,284.01

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





ETI Bookkeeping Services

PO BOX 73109  
Houston, TX 77273

# Invoice

Date	Invoice #
10/1/2014	7181

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

	<b>Total</b>	\$950.00
	<b>Payments/Credits</b>	\$0.00
	<b>Balance Due</b>	\$950.00

Don Huml: Executive Director

Reviewed: Don Huml

Date: 10-21-14

Code: 6333

Amount: \$950.00





# CITY OF HOUSTON

Public Works and Engineering  
Department

PAY BY PHONE: 713-371-1265  
PAY ONLINE AT WWW.HOUSTONWATERBILLS.ORG  
FOR QUESTIONS REGARDING DRAINAGE AND CIP, PLEASE VISIT WWW.REBUILDDHOUSTON.ORG

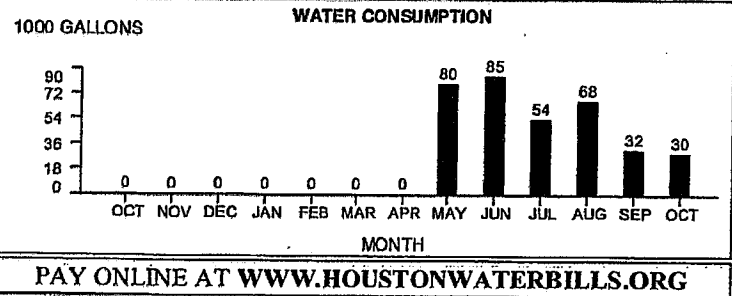


FOR WATER AND WASTEWATER INQUIRIES, PLEASE CALL 713-371-1400.  
FOR DRAINAGE INQUIRIES, PLEASE CALL 713-371-1111.  
FOR WATER LEAKS, PLEASE CALL 311.

24384 CD-0 WD-12



4328-6610-6011		9444 1/2 KATY FWY		LAWN METER	5/8
No. Meters	Previous Reading	Current Reading	Volume	Read Date	
	319	349	30,000	10/16/2014	
PAYMENT 10/01/2014 236.92 CR		WATER		223.66	
Don Huml: Executive Director		Reviewed: <u>Don Huml</u>		Date: <u>10-22-14</u>	
Code: <u>7000-1731A</u>		Amount: <u>\$223.66</u>			
236.92		236.92 CR		0.00	
				223.66	
				Total Amount Due \$223.66	
		10/17/2014		11/06/2014	



After 11/06/2014 a 10% late fee will be assessed on all current unpaid service charges.

Please remember to add your W.A.T.E.R. Fund pledge to the Total Amount Due.

If you have not pledged and would like to make a contribution to the W.A.T.E.R. Fund, check the box on the return portion of this bill below and include an extra dollar with your payment. Contributions can also be made online at [www.houstonwaterbills.org](http://www.houstonwaterbills.org)

We would like to thank everyone who has made a pledge or contribution to the Fund.

Return this portion with payment. Write account number on all checks.  
Payable to: CITY OF HOUSTON

\$1.00 Gift to W.A.T.E.R. Fund

If you have received a drainage charge please note:  
The drainage charge reflects a 1000 foot adjustment in impervious surface area that reduced the amount due.

<b>TOTAL AMOUNT DUE:</b>	\$223.66
Amount Paid:	
Due Date:	11/06/2014

P.O. Box 1560  
Houston, TX 77251



P3XGNT00400744 - 148028 - 1 5  
MEMORIAL CITY REDEVELOPMENT AUTHORITY  
TIRZ 17  
17111 ROLLING CREEK DR STE 110  
HOUSTON TX 77090-2400

432866106011 0000022366 0000022366



# CITY OF HOUSTON

Public Works and Engineering  
Department

PAY BY PHONE: 713-371-1265  
 PAY ONLINE AT WWW.HOUSTONWATERBILLS.ORG  
 FOR QUESTIONS REGARDING DRAINAGE AND CIP, PLEASE VISIT WWW.REBUILDHOUSTON.ORG



FOR WATER AND WASTEWATER INQUIRIES, PLEASE CALL 713-371-1400.  
 FOR DRAINAGE INQUIRIES, PLEASE CALL 713-371-1111.  
 FOR WATER LEAKS, PLEASE CALL 311.

24384 CD-0 WD-12



Account Number	Service Address	Rate Class	Meter Size (Inches)
4328-6610-6011	9444 1/2 KATY FWY	LAWN METER	5/8
No. Units	Previous Reading	Current Reading	Read Date
	319	349	10/16/2014
Payments	Debits	Current Charges	
PAYMENT 10/01/2014 236.92 CR		WATER	223.66

# ABHR

ALLEN BOONE HUMPHRIES ROBINSON LLP

To contact the ABHR Billing Department, please call 713-860-6400 or email at [billing@abhr.com](mailto:billing@abhr.com)

October 21, 2014

## MEMORIAL CITY REDEVELOPMENT AUTHORITY

General	Client/Matter:	MEM001-01
	Statement Number:	69696
	Billing Attorney:	Trey Lary

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### REMITTANCE PAGE

Fees for services posted through October 10, 2014	7,955.00
Expenses and Other Items posted through October 10, 2014	19.63
<b>Total Amount Due:</b>	<b>\$7,974.63</b>

Don Huml: Executive Director

Reviewed: Don Huml

Date: 10-22-2014

Code: 6320

Amount: \$7,974.63

*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

October 21, 2014

## MEMORIAL CITY REDEVELOPMENT AUTHORITY

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

Client/Matter:  
Statement Number  
Billing Attorney:

MEM001-01  
69696  
Trey Lary

### General

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#### Professional Fees

Fees for services posted through October 10, 2014, as follows:

<u>Date</u>	<u>Professional</u>		<u>Hours</u>
<b>General</b>			
09/03/14	Trey Lary	Update on projects and action items.	0.25
09/11/14	Kristen Hogan	Receive and review Authority correspondence and forward as appropriate	0.25
09/16/14	Roderick Conegie	Research records request and print drafts	2.25
09/16/14	Janelle N. Hedges	Review document request from Karen Spitzmiller with McCall Gibson Swedlund Barfoot and forward to legal assistant for review	0.25
09/17/14	Roderick Conegie	Research and pull contract as requested by legal assistant	1.25
09/17/14	Janelle N. Hedges	Provide district documents as requested by Karen Spitzmiller with McCall Gibson Swedlund Barfoot.	1.25
09/17/14	Kristen Hogan	Work on auditor request for Authority documents	0.25
09/18/14	Janelle N. Hedges	Review, sort, and add documents into district records in accordance with Records Management Act and District's Records Management Policy	0.25
09/18/14	Kristen Hogan	Work on draft agenda and pending matters	0.75
09/18/14	Jessica Holoubek	Work on Board of Directors meeting agenda	0.25
09/18/14	Beth King	Review, sort, and add documents into district records in accordance with Records Management Act and District's Records Management Policy	0.25
09/22/14	Kristen Hogan	Review notes and handouts from the August 15th special meeting and draft minutes. Review notes and handouts from the August 26th regular meeting and work on minutes.	3.50
09/22/14	Jessica Holoubek	Discuss project plan amendment with Jennifer Curley	0.25
09/22/14	Jessica Holoubek	Review, revise and finalize minutes from the August 15	0.25

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Allen Boone Humphries Robinson LLP

October 21, 2014

		Board of Directors meeting; follow up with outstanding issues related to attorney tasks mentioned in the minutes	
09/23/14	Karen Anderson	Forward agenda for website posting; prepare correspondence and posting documents for City Hall postings; sort and distribute agenda	0.50
09/23/14	Kristen Hogan	Finish drafting August 26, 2014 regular meeting minutes	0.75
09/23/14	Jessica Holoubek	Work on project plan amendment; telephone conference with Gwen Tillotson regarding the same	0.50
09/23/14	Trey Lary	Work on continuing disclosure filings and matters	0.25
09/24/14	Jessica Holoubek	Review, revise and finalize minutes from the last regular Board of Directors meeting; follow up with outstanding issues related to attorney tasks mentioned in the minutes	0.25
09/25/14	Kristen Hogan	Work on pending matters.	0.25
09/26/14	Karen Anderson	Update Authority files in accordance with the Records Management Act and in accordance with the Authority's Records Management Policy	0.25
09/26/14	Jessica Holoubek	Work on second project plan amendment	1.00
09/29/14	Kristen Hogan	Prepare for Board meeting. Prepare Services Agreement	2.50
09/30/14	Kristen Hogan	Travel to and attend Board meeting; follow-up discussions with consultants	4.00
09/30/14	Jessica Holoubek	Travel to, attend and follow up from Board of Directors meeting	3.50
09/30/14	Erin McGibbon	Prepare and review Certified Agendas of Closed Sessions	1.25
10/01/14	Jessica Holoubek	Telephone conference with Gwen Tillotson and Jennifer Curley regarding PAS services agreement and follow up regarding the same	0.50
10/02/14	Beth King	Review, sort, and add documents into district records in accordance with Records Management Act and District's Records Management Policy	0.25
10/07/14	Jessica Holoubek	Telephone conference with Steve at PAS regarding revisions to proposal for survey	0.25
10/08/14	Jessica Holoubek	Work on matters regarding boundary survey for annexation; telephone conference with Don Huml; review public comment materials in connection with annexation; review and execute audit response letter	1.00
10/09/14	Timothy Austin	Review and revise audit letter.	0.50
10/10/14	Tina M. Kyle	Review audit response letter	0.25
			<i>Total Task Hours:</i> 29.00
			<i>Total Task Amount:</i> <u>\$7,955.00</u>
			<b>Total Fees:</b> <b>\$7,955.00</b>

**Expenses and Other Items**

Expenses and Other Items posted through October 10, 2014, as follows:

09/23/14	KEA	Photocopy Charges	0.30
09/30/14	KEA	Mileage expense	12.43
10/02/14	KEA	Photocopy Charges	6.90
			<u>19.63</u>
Total Expenses and Other Items:			19.63

TASK FEE BREAKDOWN

	<u>Hours</u>	<u>Amount</u>
General	29.00	7,955.00
		<hr/>
	Total Fees:	\$7,955.00
	Total Expenses and Other Items:	\$19.63
	<b>Total Amount Due:</b>	<b>\$7,974.63</b>

# ABHR

ALLEN BOONE HUMPHRIES ROBINSON LLP

To contact the ABHR Billing Department, please call 713-860-6400 or email at [billing@abhr.com](mailto:billing@abhr.com)

October 21, 2014

## MEMORIAL CITY REDEVELOPMENT AUTHORITY

	Client/Matter:	MEM001-03
	Statement Number:	69697
Projects	Billing Attorney:	Trey Lary

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### REMITTANCE PAGE

Fees for services posted through October 10, 2014	1,332.50
Expenses and Other Items posted through October 10, 2014	0.00
<b>Total Amount Due:</b>	<b>\$1,332.50</b>

Don Huml: Executive Director

Reviewed: Alan Huml

Date: 10-22-2014

Code: 7000

Amount: \$1,332.50

*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

October 21, 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 69697  
Billing Attorney: Trey Lary

## Projects

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### Professional Fees

Fees for services posted through October 10, 2014, as follows:

<u>Date</u>	<u>Professional</u>		<u>Hours</u>
<b><u>Detention Basin &amp; W-140 Bridge - 1731A</u></b>			
09/30/14	Jessica Holoubek	Review letter of intent for property acquisition	0.25
10/02/14	Jessica Holoubek	Discuss property acquisition with Don Huml and Jennifer Curley	0.25
10/08/14	Jessica Holoubek	Work on property acquisition matters	0.25
10/09/14	Jessica Holoubek	Receive and review various email correspondence regarding property acquisition	0.25
			<i>Total Task Hours:</i> 1.00
			<i>Total Task Amount:</i> \$410.00
<b><u>Detention Basin 1735</u></b>			
10/07/14	Jessica Holoubek	Discuss negotiation and execution of PSA with Don Huml	0.25
			<i>Total Task Hours:</i> 0.25
			<i>Total Task Amount:</i> \$102.50
<b><u>Lumpkin I-10 Westview - 1709</u></b>			
09/25/14	Kristen Hogan	Work on right-of-way acquisition matters.	0.25
09/25/14	Jessica Holoubek	Office conference with Kristen Hogan, with the Firm, regarding pending property conveyance matters	0.25
09/26/14	Jessica Holoubek	Work on property acquisition matters	0.25
09/29/14	Kristen Hogan	Draft Temporary Right-of-Entry and Construction Agreement.	0.50
09/29/14	Jessica Holoubek	Work on Home Depot property acquisition matters	0.25
09/30/14	Jessica Holoubek	Work with Legal Assistant for the District regarding notice of supplemental assessment hearing and review of executed petitions	0.50

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10/10/14	Anne Newtown	Telephone conference with Jessica Holoubek regarding pending matters.	0.25
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<i>Total Task Hours:</i>	2.25
<i>Total Task Amount:</i>	<u>\$820.00</u>
<b>Total Fees:</b>	<b>\$1,332.50</b>

**TASK FEE BREAKDOWN**

	<u>Hours</u>	<u>Amount</u>
Detention Basin & W-140 Bridge - 1731A	1.00	410.00
Detention Basin 1735	0.25	102.50
Lumpkin I-10 Westview - 1709	2.25	820.00

---

Total Fees:	\$1,332.50
Total Expenses and Other Items:	<u>\$0.00</u>
<b>Total Amount Due:</b>	<b>\$1,332.50</b>



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

Date: October 21, 2014  
 Invoice No: 160102  
 For Period: September  
 Project No: RHTS403  
 Project Manager: James Vick

Project Streetscape Standards

Don Huml: Executive Director

Reviewed: Don Huml

Date: 10-22-14

Code: 7000-1725

Amount: \$ 10,320.44

**WORK PERFORMED:**

- Develop standards format/content/TOC
- Research regulations/supporting documentation
- Develop supporting diagrams
- Meetings with Stakeholders
- Conferences & meetings with owner
- Prepare draft document

**Professional Services from September 01, 2014 to September 30, 2014**

**Professional Personnel**

	Hours	Rate	Amount
Principals			
Vick, James	10.00	210.00	2,100.00
Staff			
Hafiz, Tarana	77.00	85.63	6,593.51
Lu, Fangyi	8.00	85.63	685.04

**Total Fee Due This Invoice 9,378.55**

**Reimbursable Expenses**

Misc Travel			
James Vick	JV 8/12		19.60
Reimbursable Misc.			
Print Stop Reprographics	July Prints		922.29
<b>Total Reimbursables</b>			<b>941.89</b>

**Total this Invoice \$10,320.44**

**NOT TO EXCEED FEE OF \$65,000.00**

Prior billed \$46,708.55  
 Current \$ 9,378.55  
 Billed to date \$56,087.10  
 Percent complete 86%

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 Hunt  
 8955 Katy Freeway, Suite 215  
 Houston, TX 77024

Date: October 21, 2014  
 Invoice No: 160101  
 For Period: September  
 Project No: RHTS301.B  
 Project Manager: James Vick

Project Memorial City WO#2 On-Call Planning

**WORK PERFORMED:**

Attend board meeting.

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

Professional Personnel

	Hours	Rate	Amount
Principals			
Vick, James	2.50	210.00	525.00

Total Fee Due This Invoice 525.00

Total this Invoice \$525.00

**NOT TO EXCEED \$15,000.00**

Prior Billed \$12,965.11  
 Current \$ 525.00  
 Billed to date: \$13,490.11  
 Percent Complete 90%

Don Huml: Executive Director

Reviewed: Don Huml

Date: 10-22-14

Code: 7000-1725

Amount: \$525.00

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 (September 1, 2014 thru September 30, 2014)

	<u>HOURS</u>	<u>COMMENTS</u>
MEETINGS & CONFERENCES WITH EXECUTIVE DIRECTOR		
1. Vick, James	0	Bi-weekly meeting
ATTENDANCE AT BOARD MEETINGS		
1. Vick, James	2.5	Regular Board Meeting
COH / HPARD MEETINGS		
1. Vick, James	0	HPARD
MANAGEMENT DISTRICTS		
1. Vick, James	0	MCMD Board SBMD Board
SITE VISITS		
1. Vick, James	0	
ENGINEER MEETINGS / COORDINATION		
1. Vick, James	0	Klotz / Gunda / LAN
TOTAL		2.5 HOURS

**SWA**

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

Date: October 16, 2014  
Invoice No: 160104  
For Period: September  
Project No: RHTS401  
Project Manager: James Vick

Project Lumkin Road Enhancements - Detailed Design

**WORK PERFORMED:**

Prepare 100% documents  
Conferences & coordination

**Professional Services from September 01, 2014 to September 30, 2014**

**Fee**

Total Fee	55,000.00		
Percent Complete	100.00	Total Earned	55,000.00
		Previous Fee Billing	53,900.00
		Current Fee Billing	1,100.00
		<b>Total Fee</b>	<b>1,100.00</b>

Don Huml: Executive Director

**Total this Invoice \$1,100.00**

Reviewed: Don Huml

Date: 10-21-14

Code: 7000-1709

Amount: \$1,100.00

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.


## **SWA GROUP**

### Hourly Billing Rates

Principal	\$275.
Senior Project Manager	\$200.
Project Manager	\$160.
Senior Landscape Architect	\$150.
Landscape Architect	\$130.
Technician II	\$105.
Technician I	\$ 73.
Clerical	\$ 90.

Version:: 14Oct2013

Invoice

klotz  associates

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

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

October 21, 2014  
Project No: 1111.002.000  
Invoice No: 1014032

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

For Professional Services rendered from September 16, 2014 to October 15, 2014:

Description	Contract Amount	Percent Complete	Billed to Date	Previously Invoiced	Current Invoice
Basic Services (LS)	624,155.00	66.24	413,440.27	380,609.72	32,830.55
Additional Services (T&M)	89,645.00	69.6056	62,397.90	47,646.45	14,751.45
Total Fee	713,800.00		475,838.17	428,256.17	47,582.00
					<b>47,582.00</b>
					<b>\$47,582.00</b>

Recap:	Current	Previous	To-Date
Total Billings	47,582.00	428,256.17	475,838.17
Contract Amount			713,800.00
Balance			237,961.83

Total Due This Invoice: \$47,582.00

Don Huml: Executive Director  
Reviewed: Don Huml  
Date: 10-21-14  
Code: 7000-1734  
Amount: \$47,582.00

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

**Professional Services Summary**

Through 10/15/14  
 Invoice # 1014032

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	66.24%	\$413,440.27	\$380,609.72	\$32,830.55
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		\$413,440.27	\$380,609.72	\$32,830.55
<u>Additional Engineering Services / SubContracted Services / Reimbursible Expenses</u>						
I. Additional Engineering Services	\$35,820.00					
1. TCPs - Traffic Control Plans		\$23,280.00	88.27%	\$20,550.00	\$20,550.00	\$0.00
2. SW3P - StormWater Pollution Prevention Plans		\$12,540.00	98.44%	\$12,345.00	\$12,345.00	\$0.00
II. SubContracted Services	\$29,502.90					
1. Add'l Topo. Survey		\$29,502.90	100.00%	\$29,502.90	\$14,751.45	\$14,751.45
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		\$62,397.90	\$47,646.45	\$14,751.45
<b>Total Professional Services Fees</b>	<b>\$713,800.00</b>	<b>\$713,800.00</b>		<b>\$475,838.17</b>	<b>\$428,256.17</b>	<b>\$47,582.00</b>

<b>Total Fees Earned this Period</b>	<b>\$47,582.00</b>
--------------------------------------	--------------------

Additional Services Detail  
Through 10/15/14  
Invoice # 1014032

Sub-Consultant Charges this Month	Sub-Consultant	Sub- Consultant Invoice Amount	KA Markup (8%)	SubTotal	Cost This Month
1. Add'l Topo. Survey	Kuo & Associates	\$13,658.75	\$1,092.70	\$14,751.45	\$14,751.45

# 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 October 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.) Continued Review of the draft LAN Preliminary Engineering Report and Drainage Impact Report for this project as well as the project documentation provided by LAN.
    - 2.) Continue to refine Briar Branch SWMM model.
    - 3.) Klotz Associates continued design plans. The design plan and profiles are complete using the additional survey.
    - 4.) SW3P and TCP plans continue. Draft SW3P report continued.
  - b. Meetings
    - 1.) Project Team Meetings as required.
    - 2.) Coordination mtg. with SWA planned held 09-23-14.
    - 3.) Additional meetings with TIRZ, LAN and SWA as required.
    - 4.) Attended and provided project update at TIRZ Board Meeting on 09-30-14.
    - 5.) Assisted with TIRZ Town Hall Meeting on 09-15-14.
    - 6.) Provided responses to comments / questions from Town Hall Meeting.
2. Ph II Sub-consultant (Survey – Kuo & Associates) – Additional survey complete.

## 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 development of design plans for review submittal in late November.
- b. Meetings
- 1.) Project Team Meetings as required.
  - 2.) Additional meetings with TIRZ, LAN and SWA as required.
  - 3.) Attend and provide project update at TIRZ Board Meeting on 10-28-14.
2. Ph II Sub-consultant (Survey – Kuo & Associates)
- 1.) Kuo additional survey work complete.

**Issues and Information we are waiting to receive - None**



**Invoice**

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

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

October 21, 2014  
Project No: 1111.005.000  
Invoice No: 1014033

**TIRZ 17 Memorial City Redevelopment Authority Additional RDS Work  
For Professional Services rendered from September 16, 2014 to October 15, 2014:**

**Professional Personnel**

	Hours	Rate	Amount	
Principal				
Struzick, Gary	16.50	255.00	4,207.50	
GIS Specialist				
Razo, Manuel	3.00	115.00	345.00	
<b>Totals</b>	19.50		4,552.50	
<b>Total Labor</b>				<b>4,552.50</b>

**Reimbursable Expenses**

Mileage			21.28	
<b>Total Reimbursables</b>		1.0 times	21.28	<b>21.28</b>

**Recap:**

	Current	Previous	To-Date	
Total Billings	4,573.78	15,226.04	19,799.82	
Contract Amount			20,000.00	
Balance			200.18	
		<b>Total Due This Invoice:</b>		<b>\$4,573.78</b>

Don Huml: Executive Director

Reviewed: Alan Huml

Date: 10-21-14

Code: 7000-1735

Amount: \$ 4,573.78

**Professional Personnel**

			Hours	Rate	Amount	
<b>Principal</b>						
0121	1 - Struzick, Gary	9/16/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	9/24/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	10/2/2014	4.00	255.00	1,020.00	
0121	1 - Struzick, Gary	10/7/2014	2.50	255.00	637.50	
0121	1 - Struzick, Gary	10/7/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	10/8/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	10/9/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	10/10/2014	1.00	255.00	255.00	
0121	1 - Struzick, Gary	10/13/2014	4.00	255.00	1,020.00	
<b>GIS Specialist</b>						
0636	13 - Razo, Manuel	10/10/2014	3.00	115.00	345.00	
	Totals		19.50		4,552.50	
	<b>Total Labor</b>					<b>4,552.50</b>

**Reimbursable Expenses**

<b>Mileage</b>						
EX	000000016403	9/8/2014	Struzick, Gary / Meeting with Don on TIRZ issues / Meeting with Don H on TIRZ issues / 12.00 miles @ 0.56			6.72
EX	000000016403	9/9/2014	Struzick, Gary / Meeting at TIRZ / Meeting at TIRZ on annexation areas / 8.00 miles @ 0.56			4.48
EX	000000016403	9/9/2014	Struzick, Gary / Meeting at Shadow Oaks / Shadow Oaks HOA mtg / 10.00 miles @ 0.56			5.60
EX	000000016403	9/15/2014	Struzick, Gary / To TIRZ mtg on Annexations / TIRZ mtg at Bunker Hill Elementry / 8.00 miles @ 0.56			4.48
	<b>Total Reimbursables</b>			<b>1.0 times</b>	<b>21.28</b>	<b>21.28</b>
						<b>\$4,573.78</b>
					<b>Total this Report</b>	<b>\$4,573.78</b>



**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

October 16, 2014  
Invoice No: 3

Engineering Consulting Services through October 10, 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      Capital Improvements Program	\$15,000.00	\$ 15,000.00	\$ 12,768.76	\$ 2,199.19
<b>TOTAL</b>	<b>\$15,000.00</b>	<b>\$ 15,000.00</b>	<b>\$ 12,768.76</b>	<b>\$2,199.19</b>

**CURRENT PAYMENT DUE THIS INVOICE:      \$2,199.19**

Don Huml: Executive Director  
Reviewed: Don Huml  
Date: 10-22-2014  
Code: 6322  
Amount: \$2,199.19



**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

**ACH:** Leo A Daly Company / LAN  
First National Bank  
ABA Routing # 104000016 Account# 110390778

**INVOICE**

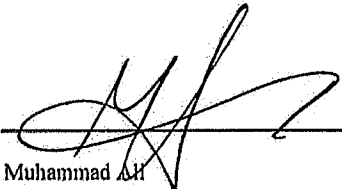
October 16, 2014  
Invoice No: 3

Memorial City Redevelopment Authority  
TIRZ 17  
8955 Katy Freeway Suite 215  
Houston, TX 77042

Project 130-10384-023 Memorial City Program Management Services  
Professional Services Through October 10, 2014  
Professional Personnel

	Hours	Rate	Amount	
Ali, Muhammad	8.00	57.69	461.52	
Ortega, Rafael	3.00	87.00	261.00	
Totals	11.00		722.52	
<b>Total Labor</b>		<b>3.15 times</b>	<b>722.52</b>	<b>2,275.94</b>
<b>Billing Limits</b>	<b>Current</b>	<b>Prior</b>	<b>To-Date</b>	
Total Billings	2,275.94	12,800.81	15,076.75	
Limit			15,000.00	
Adjustment				-76.75
		<b>Total this Invoice</b>		<b>\$2,199.19</b>

	Current	Prior	Total
<b>Billings to Date</b>	<b>2,199.19</b>	<b>12,800.81</b>	<b>15,000.00</b>

Authorized By:  \_\_\_\_\_ Date: 10/16/2014  
Muhammad Ali



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

PLEASE  
REMIT TO:

Lockwood, Andrews & Newnam, Inc.  
2025 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

October 16, 2014  
Invoice No: 12

Engineering services through October 10, 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	\$708,456.00	100.00%	\$0.00	\$ 708,456.00	\$ 708,456.00	\$ -
CIP No. T-1709	Lumpkin Roadway Improvements -Supplemental Engineering Services Phase II Detailed Design	\$37,500.00	100.00%	\$0.00	\$ 37,500.00	\$ 18,750.00	\$ 18,750.00
CIP No. T-1717	Town & Country West Drainage & Mobility Improvements- Amendment to Phase II Detailed Design	\$684,400.00	20.00%	\$547,520.00	\$ 136,880.00	\$ 102,660.00	\$ 34,220.00
<b>Total</b>		<b>\$1,430,356.00</b>			<b>\$ 882,836.00</b>	<b>\$ 829,866.00</b>	<b>\$ 52,970.00</b>

<b>CURRENT PAYMENT DUE THIS INVOICE:</b>	<b>\$52,970.00</b>
--	--------------------

Don Huml: Executive Director  
 Reviewed: Don Huml  
 Date: 10-22-2014  
 Code: 7000  
 Amount: \$ 52,970.00



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

PLEASE REMIT TO: Lockwood, Andrews & Newnam, Inc.  
2025 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

October 16, 2014  
Invoice No: 9



Engineering Consulting Services through October 10, 2014 in connection with  
the TIRZ Redevelopment Authority

	Project Name	Original Contract Amount	Total To Date	Previously Invoiced To Date	Current Payment Due
Authorizations	Engineering Consulting Services	\$40,000.00	\$ 33,917.59	\$ 31,703.07	\$2,214.52
<b>TOTAL</b>		<b>\$40,000.00</b>	<b>\$ 33,917.59</b>	<b>\$ 31,703.07</b>	<b>\$2,214.52</b>

<b>CURRENT PAYMENT DUE THIS INVOICE:</b>	<b>\$2,214.52</b>
--	-------------------

Don Huml: Executive Director  
 Reviewed: Don Huml  
 Date: 10-22-14  
 Code: 7000-1735  
 Amount: \$ 2,214.52



**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  
ACH: Leo A Daly Company / LAN  
First National Bank  
ABA Routing # 104000016 Account# 110390778

**INVOICE**

October 16, 2014  
Invoice No: 9

Memorial City Redevelopment Authority  
TIRZ 17  
8955 Katy Freeway Suite 215  
Houston, TX 77042

Project 130-10384-020 Memorial City Program Manangement Services  
Professional Services Through October 10, 2014

**Professional Personnel**

	Hours	Rate	Amount	
Ali, Muhammad	10.00	57.69	576.90	
Frerich, Christopher	2.00	35.58	71.16	
Ocanas, Christian	2.50	18.00	45.00	
Totals	14.50		693.06	
<b>Total Labor</b>		<b>3.15 times</b>	<b>693.06</b>	<b>2,183.14</b>

**Reimbursable Expenses**

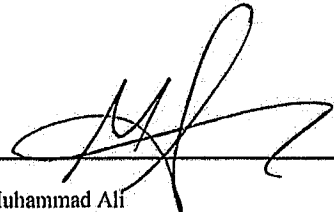
Travel					
8/1/2014	Ali, Muhammad	Mileage	7.84		
8/13/2014	Ali, Muhammad	Mileage	19.04		
8/13/2014	Ali, Muhammad	Parking	4.50		
<b>Total Reimbursables</b>			<b>1.0 times</b>	<b>31.38</b>	<b>31.38</b>

**Billing Limits**

	Current	Prior	To-Date
Total Billings	2,214.52	31,703.07	33,917.59
Limit			40,000.00
Remaining			6,082.41

**Total this Invoice \$2,214.52**

Billings to Date	Current	Prior	Total
	2,214.52	31,703.07	33,917.59

Authorized By:  Date: 10/16/2014  
Muhammad Ali

# Detailed Expense Report

Wednesday, September 24, 2014

8:41:39 AM

Leo A Daly / LAN

**RECEIVED**

SEP 24 2014

ACCOUNTS PAYABLE  
**Submitted**

Employee 13089 Ali, Muhammad M.

Signed \_\_\_\_\_

Approved \_\_\_\_\_

Organization 01:30:30

Expense Report: July-August-September

Report Date: 9/23/2014

Date	Category	Description	Project	Task	Bill	Account	Supporting Document	Amount
------	----------	-------------	---------	------	------	---------	---------------------	--------

8/1/2014	Mileage	To/From Klotz/LAN office p.1	130-10384-020	300	<input checked="" type="checkbox"/>	505-000		7.84
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Memorial City Program  
Mananagement Servi

Travel: 14.00 mi @ .560



# Detailed Expense Report

Wednesday, September 24, 2014

8:41:39 AM

Leo A Daly / LAN

Employee 13089 All, Muhammad M.

Signed \_\_\_\_\_

## Submitted

Approved \_\_\_\_\_

Organization 01:30:30

Expense Report: July-August-September

Report Date: 9/23/2014

Date	Category	Description	Project	Task	Bill	Account	Supporting Document	Amount
8/13/2014	Mileage	To/from Annexation meeting p.3	130-10384-020	300	<input checked="" type="checkbox"/>	505-000		19.04
			Memorial City Program Mananagement Servi			Travel: 34.00 mi @ .560		
8/13/2014	Parking/Tolls/PubTran s	Parking at Midway's office - Annexation	130-10384-020	300	<input checked="" type="checkbox"/>	505-000		4.50
			Memorial City Program Mananagement Servi					

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

October 16, 2014  
 Invoice No: 00099  
 Project Number: 120-10308-000 & 130-10384-000

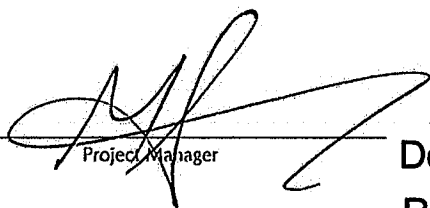
Attention: Mr. Don Huml

Engineering services through October 10, 2014 in connection with  
 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 Storm 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	\$ -	\$ 41,749.75	\$ 41,749.75
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	\$ 5,880.06	\$ 1,985,769.96	\$ 1,991,650.02
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	\$ -	\$ 946,263.34	\$ 946,263.34
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	\$ -	\$ 56,864.14	\$ 56,864.14
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	\$ -	\$ 43,021.86	\$ 43,021.86
<b>TOTAL</b>	<b>\$ 5,880.06</b>	<b>\$ 11,383,197.28</b>	<b>\$ 11,389,077.34</b>

**TOTAL DUE THIS INVOICE: \$ 5,880.06**

Certification by Firm:

  
 Project Manager

Date: 10/16/2014

Don Huml: Executive Director

Reviewed: 

Date: 10-22-14

Code: 7000-1715A

Amount: \$ 5,880.06

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

October 16, 2014  
 Invoice No: 00099  
 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	\$ (0.00)	\$ -	\$ 365,416.00	\$ 365,416.00
12.2.0	Barryknoll Ph III - CPS and CM & I Services (Lump Sum)			\$ -	\$ 365,416.00	\$ 365,416.00
	<u>Additional Services</u>			\$ 5,880.06	\$ 200,293.93	\$ 206,173.99
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	\$ 13.81	\$ 5,880.06	\$ 122,686.13	\$ 128,566.19
	<b>TOTAL TASKS</b>			\$ 5,880.06	\$ 1,985,769.96	\$ 1,991,650.02



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 05-21-14 TO 06-20-14

Please show invoice number on your remittance

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

INVOICE NO.13-2041C.13-CM9560

INVOICE DATE 6/20/2014

ATTENTION: Ms. Briyilda G. Santana

REPORTS: 151-160

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

PHONE NO.: 713-266-6900

FAX NO.: 713-266-6900

E-MAIL: pitaylor@lan-inc.com

DATE	REF. ORF. NO.	DESCRIPTION	TECH.	UNIT RATE	UNIT MEASURE	QUANTITY	AMOUNT
5/21/2014	151	P/U Cylinders	Kris	\$ 50.00	hour	3	\$ 150.00
		Vehicle Charge		\$ 7.50	hour	3	\$ 22.50
6/3/2014	152	FDT (Cancelled onsite)	Ayo	\$ 50.00	hour	4	\$ 200.00
		Vehicle Charge		\$ 7.50	hour	4	\$ 30.00
6/4/2014	153	FDT	Ayo	\$ 50.00	hour	8	\$ 400.00
		O.T.		\$ 75.00	hour	3	\$ 225.00
		Nuclear Gauge		\$ 9.00	hour	8	\$ 72.00
		Vehicle Charge		\$ 7.50	hour	8	\$ 60.00
6/5/2014	154	FDT	Ayo	\$ 50.00	hour	8	\$ 400.00
		O.T.		\$ 75.00	hour	3	\$ 225.00
		Nuclear Gauge		\$ 9.00	hour	8	\$ 72.00
		Vehicle Charge		\$ 7.50	hour	8	\$ 60.00
6/6/2014	155	FDT	Ayo	\$ 50.00	hour	7.5	\$ 375.00
		Nuclear Gauge		\$ 9.00	hour	7.5	\$ 67.50
		Vehicle Charge		\$ 7.50	hour	7.5	\$ 56.25
6/17/2014	156	FDT	Ayo	\$ 50.00	hour	7	\$ 350.00
		Nuclear Gauge		\$ 9.00	hour	7	\$ 63.00
		Vehicle Charge		\$ 7.50	hour	7	\$ 52.50
6/17/2014	157	FDT	Alli	\$ 50.00	hour	7	\$ 350.00
		Nuclear Gauge		\$ 9.00	hour	7	\$ 63.00
		Vehicle Charge		\$ 7.50	hour	7	\$ 52.50
6/17/2014	158	P/U Sample	Jalone	\$ 50.00	hour	3	\$ 150.00
		Proctor		\$ 175.00	each	1	\$ 175.00
		Atterburg Limits		\$ 53.00	each	1	\$ 53.00
		% Passing No.200		\$ 41.00	each	1	\$ 41.00
		Vehicle Charge		\$ 7.50	hour	3	\$ 22.50
6/18/2014	158A	FDT	Robert	\$ 50.00	hour	8	\$ 400.00
		O.T.		\$ 75.00	hour	2	\$ 150.00
		Nuclear Gauge		\$ 9.00	hour	8	\$ 72.00
		Vehicle Charge		\$ 7.50	hour	8	\$ 60.00
6/19/2014	159	FDT (Cancelled onsite)	Ken	\$ 50.00	hour	5	\$ 250.00
		Transportation		\$ 7.50	hour	5	\$ 37.50
6/20/2014	160	FOC/FDT	Ben	\$ 50.00	hour	6.5	\$ 325.00

Our letter 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.





**MEMORIAL CITY REDEVELOPMENT AUTHORITY**  
**Tax Increment Reinvestment Zone No. 17**

Estimate No. : 16  
 Cut Off Date : 09/30/14  
 Estimate Date : 10/08/14

**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 : 7/9/2014  
 Substantial Completion Date :  
 Percentage By Time : 109.62% In Place : 94.42%  
 Date Insurance Exp. : 3/1/2014 Drug Policy Due Date: N/A Current M/SBE : 17.8/7.6% Schedule Update Received : 6/3/2014

**CONTRACT TIME IN CALENDAR DAYS**

Original Contract Time : 365  
 Approved Extensions : 113  
 Total Contract Time : 478  
 Days Used to Date : 524  
 Days Remaining to Date : -46

**CONTRACT AMOUNT TO DATE :**

1. Original Contract Amount \$5,874,319.99

2. Approved Change Orders

No	Date	Ext.Days	Amount
1	04/26/2013		(\$102,683.53)
2	07/30/2013	7	\$52,601.72
3	05/13/2014	106	\$18,969.60

Total Approved Extensions **113** Total Change Orders to Date \$ (31,112.21)

3. Approved Work Change Directives

No	Date	Ext.Days	Amount

Total Pending Work Change Directives to Date **\$0.00**

**TOTAL CONTRACT AMOUNT** (excludes WCDs) \$5,843,207.78

**A. EARNINGS TO DATE**

1. Work Completed to Date 93.92% Complete \$5,517,311.36  
 2. Material Stored on Site \$ 0.00  
 3. Material Stored in Place \$ 0.00  
 4. Balance-Materials Accepted Not in Place \$ 0.00 @ 85%  
 5. Work Change Directives - In Place \$0.00

**TOTAL EARNINGS TO DATE** \$5,517,311.36

**B. DEDUCTIONS**

1. Retainage 5% Of \$5,517,311.36 \$275,865.57  
 2. Retainage Release 0% Of \$5,517,311.36 \$0.00  
 3. Total Retainage \$275,865.57  
 4. Liquidated Damages 0.00 Days @ \$5,000.00 \$0.00  
 5. Assessments \$0.00  
 6. Inspector Overtime Costs \$0.00

**TOTAL DEDUCTIONS** \$275,865.57

**C. AMOUNT DUE THIS PERIOD**

1. Total Earnings to Date \$5,517,311.36  
 2. Total Deductions \$275,865.57  
 3. Total Payments Due \$5,241,445.79  
 4. Less Previous Payments \$5,185,672.88  
 5. Restoration Adjustment \$0.00

**TOTAL AMOUNT DUE CONTRACTOR THIS DATE** \$55,772.91

**BALANCE REMAINING** \$357,008.63

Prepared By Richard L Butler 10/8/14

Checked By Don Huml 10/8/14

Reviewed By Muhammad Ali 10/9/2014

**Don Huml, Executive Director** Date

Reviewed: Don Huml

Date: 10-21-14

Pay Est. No. 16

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Code: 7000-1715A  
 Amount: \$ 55,772.91

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Sept '14 Monthly Qty	Sept '14 Monthly Amount	Sept '14 Totdate Qty	Totdate Amount	Contract Total	% Complete	Month Totdate	
500000	1	Mobilization	LS	1	\$24,000.00	0.00	\$0.00	1.00	\$24,000.00	\$24,000.00	100.00%	1.00	
502000	2	Traffic Control and Regulation	LS	1	\$72,000.00	0.00	\$0.00	0.98	\$70,560.00	\$72,000.00	98.00%	0.98	
9922	3	Uniformed Police Officers	HR	2920	\$37.00	0.00	\$0.00	2,629.50	\$97,291.50	\$108,040.00	90.05%	2,629.50	
512190	4	Portable Concrete Low Profile Traffic Barrier Inst	LF	1450	\$9.00	0.00	\$0.00	1,450.00	\$13,050.00	\$13,050.00	100.00%	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	1,400.00	\$4,200.00	\$4,200.00	100.00%	1,400.00	
512495	8	Portable Concrete Low Profile Traffic Barrier Remo	LF	925	\$7.00	0.00	\$0.00	462.50	\$3,237.50	\$6,475.00	50.00%	462.50	
512490	9	Portable Concrete Low Profile Traffic Barrier Remo	LF	1400	\$7.00	0.00	\$0.00	1,400.00	\$9,800.00	\$9,800.00	100.00%	1,400.00	
10	10	Tree and Plant Protection	LS	1	\$33,000.00	0.00	\$0.00	0.88	\$29,040.00	\$33,000.00	88.00%	0.88	
11	11	Filter Fabric Fence Inlet Protection (Stage 1)	LF	790	\$1.30	0.00	\$0.00	395.00	\$513.50	\$1,027.00	50.00%	395.00	
12	12	Sandbags Inlet Protection (Stage 2)	LF	500	\$1.30	0.00	\$0.00	290.00	\$377.00	\$650.00	58.00%	290.00	
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	
<b>B1 TOTAL - GENERAL ITEMS</b>											<b>\$288,417.00</b>		
670015	14	Construct Type-C Manhole (48-inch diameter) on Box	EA	11	\$1,700.00	0.00	\$0.00	11.50	\$19,550.00	\$18,700.00	104.55%	11.50	
670010	15	Construct Type C Manhole, Complete in Place	EA	6	\$4,000.00	0.00	\$0.00	4.00	\$16,000.00	\$24,000.00	66.67%	4.00	
104212	16	Remove and Dispose of 12-inch Diameter Storm Sewer	LF	63	\$15.00	0.00	\$0.00	7.00	\$105.00	\$945.00	11.11%	7.00	
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	0.00	\$0.00	285.00	\$4,275.00	\$8,460.00	50.53%	285.00	
104236	19	Remove and Dispose of 36-inch Diameter Storm Sewer	LF	67	\$15.00	0.00	\$0.00	16.00	\$240.00	\$1,005.00	23.88%	16.00	
104254	20	Remove and Dispose of 54-inch Diameter Storm Sewer	LF	410	\$28.00	0.00	\$0.00	528.00	\$14,784.00	\$11,480.00	128.78%	528.00	
104260	21	Remove and Dispose of 60-inch Diameter Storm Sewer	LF	1225	\$30.00	0.00	\$0.00	920.00	\$27,600.00	\$36,750.00	75.10%	920.00	
104266	22	Remove and Dispose of 66-inch Diameter Storm Sewer	LF	110	\$30.00	0.00	\$0.00	186.00	\$5,580.00	\$3,300.00	169.09%	186.00	
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	23.00	\$11,730.00	\$11,730.00	100.00%	23.00	
104800	25	Remove and Dispose of existing Manholes, all types	EA	18	\$500.00	0.00	\$0.00	17.50	\$8,750.00	\$9,000.00	97.22%	17.50	
610000	26	Provide Trench Safety System	LF	3499	\$1.00	750.00	\$750.00	3,011.00	\$3,011.00	\$3,499.00	86.05%	2,261.00	
630806	27	Construct Box Culvert-Precast 8' x 6' Storm	LF	5152	\$446.00	0.00	\$0.00	5,152.00	\$2,297,792.00	\$2,297,792.00	100.00%	5,152.00	
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	0.00	\$0.00	20.00	\$6,000.00	\$3,000.00	200.00%	20.00	
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 I	LF	710	\$90.00	0.00	\$0.00	601.00	\$54,090.00	\$63,900.00	84.65%	601.00	
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	12.00	\$30,000.00	\$37,500.00	80.00%	12.00	
40	40	Construct Junction to Box Culvert from new Lateral	EA	20	\$700.00	0.00	\$0.00	20.00	\$14,000.00	\$14,000.00	100.00%	20.00	
671000	41	Construct Junction Box # 107-B, Complete in Place	EA	1	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$50,000.00	0.00%	0.00	
671020	42	Construct Junction Box #124, Including MH, Rings a	EA	0	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00%	0.00	
671030	43	Construct Junction Box #121, Including MH, Rings a	EA	0	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00%	0.00	
671040	44	Construct Junction Box #136, Including MH, Ring a	EA	0	\$50,000.00	0.00	\$0.00	0.00	\$0.00	\$0.00	0.00%	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	2.00	\$32,000.00	\$32,000.00	100.00%	2.00	
<b>B2 TOTAL - STORM SEWER ITEMS</b>											<b>\$2,693,927.00</b>		
<b>B1 TOTAL - GENERAL ITEMS</b>											<b>\$288,417.00</b>		
											<b>\$2,982,344.00</b>		

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Sept '14 Qty	Monthly Amount	Sept '14 Totodate Qty	Totodate Amount	Contract Total	% Complete	August '14 Month Totodate
710000	47	Provide Trench Safety System for Water Line	LF	1040	\$1.00	0.00	\$0.00	684.00	\$684.00	\$1,040.00	65.77%	684.00
721012	48	Furnish and Install 12-inch Water line by Trenchline	LF	20	\$250.00	0.00	\$0.00	2.00	\$500.00	\$5,000.00	10.00%	2.00
721008	49	Furnish and Install 8-inch Water line by Trenchlines	LF	3207	\$65.00	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	445.80	\$75,786.00	\$58,310.00	129.97%	445.80
716008	51	Furnish and Install 8-inch Water Line w/ Restraine	LF	232	\$140.00	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	271.20	\$40,680.00	\$41,100.00	98.98%	271.20
712008	53	Furnish and Install 8-inch DIP Water Line, Pressur	LF	54	\$170.00	0.00	\$0.00	28.00	\$4,760.00	\$9,180.00	51.85%	28.00
721002	54	Furnish and Install 2-inch Water Line by Trenchlines	LF	12	\$201.00	0.00	\$0.00	6.00	\$1,206.00	\$2,412.00	50.00%	6.00
721004	55	Furnish and Install 4-inch Water Line by Trenchlines	LF	25	\$150.00	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 Restrail	LF	10	\$210.00	0.00	\$0.00	5.00	\$1,050.00	\$2,100.00	50.00%	5.00
750806	57	Furnish and Install 8-inch Tapping Sleeve and Valv	EA	1	\$4,000.39	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	2.00	\$2,000.00	\$3,000.00	66.67%	2.00
770002	59	Cut, Plug and Abandon Existing 2-inch Waterline	EA	3	\$300.00	0.00	\$0.00	2.00	\$600.00	\$900.00	66.67%	2.00
770006	60	Wet Connection to Existing 6-inch Water Line	EA	1	\$1,800.00	0.00	\$0.00	1.00	\$1,800.00	\$1,800.00	100.00%	1.00
770006	61	Cut, Plug and Abandon Existing 6-inch Water Line	EA	1	\$500.00	0.00	\$0.00	1.00	\$500.00	\$500.00	100.00%	1.00
760008	62	Wet Connection to Existing 8-inch Water Line	EA	12	\$2,000.00	0.00	\$0.00	13.00	\$26,000.00	\$24,000.00	108.33%	13.00
770008	63	Cut, Plug and Abandon Existing 8-inch Water Line	EA	13	\$700.00	0.00	\$0.00	14.00	\$9,800.00	\$9,100.00	107.69%	14.00
770012	64	Wet Connection to Existing 12-inch Water Line	EA	1	\$2,100.00	0.00	\$0.00	1.00	\$2,100.00	\$2,100.00	100.00%	1.00
780100	66	Cut, Plug and Abandon Existing 12-inch Water Line	EA	1	\$800.00	0.00	\$0.00	1.00	\$800.00	\$800.00	100.00%	1.00
780150	67	Furnish and Install Fire Hydrant Assembly w/6-inch	EA	7	\$4,000.00	0.00	\$0.00	7.00	\$28,000.00	\$28,000.00	100.00%	7.00
780005	68	Furnish and Install 6-inch Fire Hydrant Lead, Open	LF	50	\$70.00	0.00	\$0.00	50.00	\$3,500.00	\$3,500.00	100.00%	50.00
780010	69	5/8" to 1" Diameter Copper Service Connection, Sho	EA	12	\$1,000.00	0.00	\$0.00	6.00	\$6,000.00	\$12,000.00	50.00%	6.00
780015	70	1.5" to 2" Diameter Copper Service Connection, Sho	EA	4	\$1,500.00	0.00	\$0.00	1.00	\$1,500.00	\$6,000.00	25.00%	1.00
780020	71	1.5" to 2" Diameter Copper Service Connection, Lon	EA	2	\$1,100.00	0.00	\$0.00	2.00	\$2,200.00	\$2,200.00	100.00%	2.00
		<b>B3 TOTAL WATER LINE ITEMS</b>					\$0.00		\$443,158.39	\$478,727.39		
810000	72	Provide Trench Safety System for Sanitary Sewer	LF	2841	\$1.00	0.00	\$0.00	2,738.00	\$2,738.00	\$2,841.00	96.37%	2,738.00
830100	73	Remove and Dispose of Sanitary Sewer Manholes	EA	14	\$500.00	0.00	\$0.00	12.00	\$6,000.00	\$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	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	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	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	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	\$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	\$4,400.00	0.00%	0.00
811016	80	Construct 16-inch San Sew, Class 150 PSI	LF	43	\$140.00	0.00	\$0.00	46.00	\$6,440.00	\$6,020.00	106.98%	46.00
830315	81	Remove and Dispose of 15-inch Sanitary Sewer	LF	43	\$5.00	0.00	\$0.00	46.00	\$230.00	\$215.00	106.98%	46.00
811012	82	Construct 12-inch Sanitary Sewer, Pressure Class 1	LF	1080	\$110.00	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	1,053.00	\$5,265.00	\$5,400.00	97.50%	1,053.00
830308	84	Remove and Dispose 8-inch Sanitary Sewer	LF	52	\$5.00	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	70.00	\$7,000.00	\$5,200.00	134.62%	70.00
811000	86	Service Stubs or Reconections without Stack on Sa	EA	6	\$1,200.00	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	1.00	\$40,000.00	\$40,000.00	100.00%	1.00
		<b>B4 TOTAL SANITARY SEWER ITEMS</b>					\$0.00		\$491,353.00	\$504,686.00		
104000	88	Remove and Dispose of Reinforced Concrete Pavement	SY	12840	\$2.00	0.00	\$0.00	12,932.44	\$25,864.88	\$25,680.00	100.72%	12,932.44
104105	89	Remove and Dispose of Driveways (All Materials, Al	SY	983	\$2.00	81.29	\$162.58	990.86	\$1,981.72	\$1,966.00	100.80%	909.57
104110	90	Remove and Dispose of Sidewalks (All Materials, Al	SY	1138	\$2.00	0.00	\$0.00	930.93	\$1,861.86	\$2,276.00	81.80%	930.93
373000	91	Construct Concrete Curb, All Heights, Complete in	LF	4380	\$3.00	219.75	\$659.25	5,202.75	\$15,608.25	\$13,140.00	118.78%	4,983.00
262060	92	Construct Lime/Fly-Ash Stabilized Subgrade, 6-inch	SY	14165	\$6.00	0.00	\$0.00	9,284.24	\$55,705.44	\$84,990.00	65.54%	9,284.24



TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Sept '14		Sept '14		Contract Total	% Complete	August '14		
						Monthly Qty	Monthly Amount	Todate Qty	Todate Amount			Month	Todate	
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	114.31	
390050	94	Construct 7-inch High Early Strength Concrete, Inc	SY	940	\$70.00	81.29	\$5,690.30	1,280.05	\$89,603.50	\$65,800.00	136.18%	1,198.76	1,198.76	
371010	95	Construct 10-inch Reinforced Concrete Pavement, Co	SY	12320	\$58.00	0.00	\$0.00	12,358.96	\$716,819.68	\$714,560.00	100.32%	12,358.96	12,358.96	
	96	Sawcut Exist Pavement	LF	1246	\$5.00	0.00	\$0.00	555.00	\$2,775.00	\$6,230.00	44.54%	555.00	555.00	
110000	97	Earthwork, Roadway Excavation and Embankment	CY	2464	\$15.00	0.00	\$0.00	2,464.00	\$36,960.00	\$36,960.00	100.00%	2,464.00	2,464.00	
390200	98	Construct ADA Accessible Wheelchair Ramps, Complet	SF	2860	\$12.00	1,450.35	\$17,404.20	2,860.00	\$34,320.00	\$34,320.00	100.00%	1,409.65	1,409.65	
390201	99	Furnish and Install ADA Detectable Warning Pavers,	SY	27	\$105.60	0.88	\$91.63	14.14	\$1,696.80	\$3,240.00	52.37%	13.26	13.26	
330006	100	Construct 6-inch Hot Mix Asphalt Base Course (Type	TON	258	\$100.00	0.00	\$0.00	343.00	\$34,300.00	\$25,800.00	132.95%	343.00	343.00	
330302	101	Construct 1 1/2-inch Asphaltic Concrete Surface Cour	TON	65	\$130.00	0.00	\$0.00	71.55	\$9,301.50	\$8,450.00	110.08%	71.55	71.55	
390100	102	Construct 4 1/2-inch Concrete Sidewalk, Complete in P	SF	19222	\$6.00	2,287.15	\$13,722.90	19,222.00	\$115,332.00	\$115,332.00	100.00%	16,934.85	16,934.85	
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	7.00	
1040	104	Remove and Reconstruct Existing Brick Mailbox Stru	EA	1	\$350.00	0.00	\$0.00	1.00	\$350.00	\$350.00	100.00%	1.00	1.00	
371005	105	Board Expansion Joint with or without Load Transfe	LF	1360	\$4.00	0.00	\$0.00	1,713.00	\$6,852.00	\$5,440.00	125.96%	1,713.00	1,713.00	
1060	106	Horizontal Dowels, All Lengths	EA	2300	\$1.00	0.00	\$0.00	1,661.00	\$1,661.00	\$2,300.00	72.22%	1,661.00	1,661.00	
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	286.00	
108	108	Remove and Dispose of Asphalt Pavement, Including	SY	160	\$25.00	0.00	\$0.00	58.67	\$1,466.75	\$4,000.00	36.67%	58.67	58.67	
<b>B5 TOTAL PAVING ITEMS</b>														
<b>\$37,744.83</b>														
<b>\$1,173,229.98</b>														
<b>\$1,186,784.00</b>														
109	109	Drill Shaft (Traf 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	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	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	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	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	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	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	1.00	
116	116	Saw Cut	LF	316	\$5.00	291.00	\$1,455.00	316.00	\$1,580.00	\$1,580.00	100.00%	25.00	25.00	
117	117	Traffic Signal Construction	EA	1	\$2,400.00	1.00	\$2,400.00	1.00	\$2,400.00	\$2,400.00	100.00%	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	0.70	
119	119	Removal of Concrete Foundations	EA	4	\$500.00	0.00	\$0.00	4.00	\$2,000.00	\$2,000.00	100.00%	4.00	4.00	
120	120	Remove Traffic Signal Pole Assembly	EA	4	\$400.00	0.00	\$0.00	4.00	\$1,600.00	\$1,600.00	100.00%	4.00	4.00	
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	1.00	
122	122	Traffic Signal Pull box (5-TY B)	EA	5	\$500.00	0.00	\$0.00	5.00	\$2,500.00	\$2,500.00	100.00%	5.00	5.00	
123	123	1 1/2-inch (TRENCH) Conduit PVC (Sched 80)	LF	30	\$10.00	0.00	\$0.00	126.00	\$1,260.00	\$300.00	420.00%	126.00	126.00	
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	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	47.00	
126	126	4-inch (TRENCH) Conduit PVC (SCHED 80)	LF	81	\$14.00	0.00	\$0.00	256.00	\$3,584.00	\$1,134.00	316.05%	256.00	256.00	
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	334.00	
128	128	Loop Detector Wire Cable	LF	1152	\$5.50	0.00	\$0.00	1,152.00	\$6,336.00	\$6,336.00	100.00%	1,152.00	1,152.00	
129	129	Loop Detector Lead-in-Cable	LF	958	\$1.25	0.00	\$0.00	958.00	\$1,197.50	\$1,197.50	100.00%	958.00	958.00	
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	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	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	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	6.00	
134	134	PED SIG SEC (12 IN) LED (2 INDICATIONS)	EA	6	\$450.00	0.00	\$0.00	6.00	\$2,700.00	\$2,700.00	66.67%	4.00	4.00	
135	135	TRF SIG CBL (TY A) (14 AWG) (3 CONDR)	LF	320	\$1.00	0.00	\$0.00	320.00	\$320.00	\$320.00	100.00%	320.00	320.00	
136	136	TRF SIG CBL (TY A) (14 AWG) (5 CONDR)	LF	336	\$1.25	0.00	\$0.00	336.00	\$420.00	\$420.00	100.00%	336.00	336.00	
137	137	TRF SIG CBL (TY A) (14 AWG) (7 CONDR)	LF	1262	\$1.50	0.00	\$0.00	1,262.00	\$1,893.00	\$1,893.00	100.00%	1,262.00	1,262.00	
138	138	ELECT CONDR (NO. 8) BARE	LF	347	\$0.80	0.00	\$0.00	347.00	\$277.60	\$277.60	100.00%	347.00	347.00	
139	139	Signal Power (NO. 4 THHN)	LF	31	\$2.00	31.00	\$62.00	31.00	\$62.00	\$62.00	100.00%	0.00	0.00	
140	140	Detector Unit	EA	3	\$625.00	0.00	\$0.00	3.00	\$1,875.00	\$1,875.00	100.00%	3.00	3.00	

TSC Viewpoint Phase	Bid Item	Description	Sept '14		Sept '14		Contract Total	% Complete	August '14 Month	Todate		
			Units	Bid Qty	Unit Price	Monthly Qty					Monthly Amount	Todate Qty
141	141	Phase Selector	EA	2	\$2,300.00	2.00	\$4,600.00		2.00	\$4,600.00	100.00%	0.00
142	142	Optical Detector Cable	LF	631	\$1.50	631.00	\$946.50		631.00	\$946.50	100.00%	0.00
143	143	Controller Cabinet 340 ITS	EA	1	\$19,000.00	0.00	\$0.00		1.00	\$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	100.00%	1.00
145	145	Battery Backup System	EA	1	\$5,600.00	0.00	\$0.00		1.00	\$5,600.00	100.00%	1.00
146	146	Audible Pedestrian Signal Units	EA	4	\$1,500.00	4.00	\$6,000.00		4.00	\$6,000.00	100.00%	0.00
<b>B6 TOTAL ELECTRICAL &amp; SIGNAL ITEMS</b>							<b>\$15,463.50</b>			<b>\$112,615.60</b>		<b>\$118,645.60</b>
147	147	Install Raised Reflective Pavement Markers-Type I	EA	115	\$4.00	0.00	\$0.00		207.00	\$828.00	180.00%	207.00
148	148	Install Thermoplastic Pavement Markings (4-inch, S	LF	360	\$0.50	0.00	\$0.00		578.75	\$289.38	160.76%	578.75
149	149	Install Thermoplastic Pavement Markings (4-inch, B	LF	4550	\$0.50	0.00	\$0.00		2,075.50	\$1,037.50	45.60%	2,075.00
150	150	Install Thermoplastic Pavement Markings (4-inch, S	LF	4600	\$0.50	0.00	\$0.00		6,404.66	\$3,202.33	139.23%	6,404.66
151	151	Install Thermoplastic Pavement Markings (12-inch So	LF	680	\$3.00	0.00	\$0.00		731.63	\$2,194.89	107.59%	731.63
152	152	Install Thermoplastic Pavement Markings(24-inch So	LF	610	\$6.00	0.00	\$0.00		673.71	\$4,042.26	110.44%	673.71
153	153	Install Thermoplastic Pavement Markings (Word)	EA	2	\$160.00	0.00	\$0.00		2.00	\$320.00	100.00%	2.00
154	154	Install Thermoplastic Pavement Markings (Arrow)	EA	4	\$160.00	0.00	\$0.00		4.00	\$640.00	100.00%	4.00
155	155	Placement of Permanent Signs	SF	235	\$40.00	0.00	\$0.00		85.00	\$3,400.00	36.17%	85.00
156	156	Remove Existing Signs	SF	225	\$6.00	0.00	\$0.00		9.00	\$54.00	4.00%	9.00
<b>B7 TOTAL SIGNING &amp; PAVE MARKS ITEMS</b>							<b>\$0.00</b>			<b>\$16,008.36</b>		<b>\$22,625.00</b>
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	100.00%	1,350.00
158	158	Furnish and Install Sod	SY	178	\$5.00	0.00	\$0.00		590.00	\$2,950.00	331.46%	590.00
159	159	Fine Grading	SY	178	\$3.00	0.00	\$0.00		568.00	\$1,704.00	319.10%	568.00
160	160	Prepared Backfill Mix	LS	1	\$2,100.00	0.00	\$0.00		1.00	\$2,100.00	100.00%	1.00
161	161	65 Gallon Savannah Holly (Ilex Attenuata Var Sawan	EA	8	\$700.00	0.00	\$0.00		8.00	\$5,600.00	100.00%	8.00
162	162	65 Gallon Bald Cypress (Taxodium Distichum) 3-inch	EA	3	\$700.00	2.00	\$1,400.00		2.00	\$1,400.00	66.67%	0.00
163	163	30 Day Truck Watering Sod	LS	1	\$1,300.00	0.00	\$0.00		1.00	\$1,300.00	100.00%	1.00
<b>B8 TOTAL LANDSCAPE ITEMS</b>							<b>\$1,400.00</b>			<b>\$36,654.00</b>		<b>\$34,124.00</b>
164	164	Re-Mobilization/De-Mobilization	LS	1	\$30,000.00	0.00	\$0.00		1.00	\$30,000.00	100.00%	1.00
165	165	Uniformed Police Officer	HR	736	\$25.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
166	166	Ground Water Trench Dewatering	LF	100	\$42.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
167	167	Excavation Around Obstructions	CY	200	\$30.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
168	168	Extra Hand Excavation	CY	200	\$15.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
169	169	Extra Machine Excavation	CY	200	\$20.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
170	170	Extra Placement of Backfill Material	CY	200	\$6.00	0.00	\$0.00		0.00	\$0.00	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	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	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	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	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	0.00%	0.00
176	176	Extra 60-inch Reinforced Concrete Pipe Storm Sewer	LF	10	\$155.00	0.00	\$0.00		0.00	\$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		21.60	\$3,240.00	144.00%	21.60
178	178	Construct 1½ -inch Hot Mix Asphalt Concrete Surfac	TON	7	\$250.00	0.00	\$0.00		7.00	\$1,750.00	100.00%	7.00
179	179	Extra Ductile Iron Compact Fittings	EA	4	\$2,000.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
180	180	Extra Fittings in Place	EA	8	\$500.00	0.00	\$0.00		0.00	\$0.00	0.00%	0.00
181	181	Temporary Detour Pavement	SY	1500	\$46.33	0.00	\$0.00		744.67	\$34,500.56	49.64%	744.67
182	182	Temporary Special Shoring	SF	500	\$30.00	0.00	\$0.00		0.00	\$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	0.00%	0.00

TSC Viewpoint Phase	Bid Item	Description	Units	Bid Qty	Unit Price	Sept '14 Monthly Qty	Sept '14 Monthly Amount	Sept '14 Totodate Qty	Totodate Amount	Contract Total	% Complete	August '14 Month Totodate
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
		Furnish Cement Slurry for Lime Stabilized Subgrade, Complet	TON	240	\$179.30	0.00	\$0.00	160.00	\$28,688.00	\$43,032.00	66.67%	160.00
		Certified Flagmen	HR	736	\$15.00	140.00	\$2,100.00	2,760.50	\$41,407.50	\$11,040.00	375.07%	2,620.50
		<b>C TOTAL EXTRA UNIT PRICE TABLE</b>					<b>\$2,100.00</b>		<b>\$139,586.06</b>	<b>\$245,867.00</b>		
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
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
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
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
		<b>D TOTAL CONTRACTOR INCENTIVES</b>					<b>\$0.00</b>		<b>\$50,000.00</b>	<b>\$160,000.00</b>		
189	189	Street Cut Permit Fee	LS	1	\$2,500.00	0.50	\$1,250.00	1.00	\$2,500.00	\$2,500.00	100.00%	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
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
		<b>E TOTAL CASH ALLOWANCE TABLE</b>					<b>\$1,250.00</b>		<b>\$7,500.00</b>	<b>\$7,500.00</b>		
		<b>Change order no. 1</b>										
192-new	192	Precast lids, concrete collars (replace Junc. Box B136)	EA	1	\$11,929.75	0.00	\$0.00	1.00	\$11,929.75	\$11,929.75	100.00%	1.00
192-new	192	Construct Type C Manhole (60" diameter) on Box	EA	2	\$2,437.00	0.00	\$0.00	2.00	\$4,874.00	\$4,874.00	100.00%	2.00
		<b>Change order no. 2</b>										
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
		<b>Change order no. 3</b>										
193	193	ATT Delay	LS	1	\$18,969.00	0.00	\$0.00	1.00	\$18,969.00	\$18,969.00	100.00%	1.00
		<b>Total earned</b>							\$5,517,311.36		93.88%	
		<b>5% retainage</b>							\$275,865.57			
		<b>Previously Paid</b>							\$5,185,672.86			
		<b>Monthly estimate</b>							\$55,772.91			

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Barryknoll East Drainage and Roadway Construction

Outline Agreement No.: \_\_\_\_\_ WBS No.: T-170015-0001-3

Contractor's Company Name: Texas Sterling Construction Co

Address: 20810 Fernbush Houston, TX 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:

10/7/14  
Date



TERRI BERMUDES  
Notary Public in and for the State of Texas

My Commission Expires: 2/24/18  
Expiration Date

TERRI BERMUDES  
Print or Type Name of Notary Public

Roadway Reconstruction Project  
WBS No. T-170015-0001-3  
September 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
<b>14% MBE Summary</b>						
DNA Trucking	\$457,596.81		\$304,080.00		150.49%	
H&E Aggregate	\$422,817.04		\$355,687.50		118.87%	
Maintenance to Go	\$55,741.23		\$37,885.50		147.13%	
Reliable Signal	\$109,694.00		\$119,230.00		92.00%	
	<u>\$1,045,849.08</u>		<u>\$816,883.00</u>		<u>17.80%</u>	
<b>8% SBE Summary</b>						
Batterson		\$57,226.55		\$34,790.70		164.49%
CPSI (Paving supplies)		\$72,118.59		\$16,000.00		450.74%
El Dorado Paving		\$142,442.82		\$258,373.70		55.13%
Mickie Services		\$2,725.00		\$2,725.00		100.00%
Professional Traffic Control		\$153,623.10		\$158,288.00		97.05%
Perez Construction		\$20,000.00		\$20,000.00		100.00%
		<u>\$448,136.06</u>		<u>\$490,177.40</u>		<u>7.63%</u>



10/8/2014

Matthew Trespalacious  
Project Manager  
Texas Sterling Construction, Co.

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Memorial City Redevelopment Authority**  
 TIRZ: **17**  
 Fund Number: **7565/50**

<b>P R O J E C T  P L A N</b>	<b>Base Year:</b>		1999
	<b>Base Year Taxable Value:</b>	\$	509,671,530
	<b>Projected Taxable Value (TY2014):</b>	\$	2,495,933,888
	<b>Current Taxable Value (TY2013):</b>	\$	2,138,610,192
	<b>Acres:</b>		971.98
	<b>Administrator (Contact):</b>		Don Huml
	<b>Contact Number:</b>		(713) 829-5720

<b>N A R R A T I V E</b>	<b>Zone Purpose:</b>
	Tax Increment Reinvestment Zone Number Seventeen, City of Houston, Texas was created to provide plans and programs needed to address blighted conditions in the Memorial City area associated with failing infrastructure, lack of utility capacity, increased traffic congestion and declining retail sales resulting from increased competition to older inner-city malls and shopping centers from suburban retail centers.
	Completed Briar Branch Detention Basin project, which provides 44 acre feet of new detention capacity to the system.
	Completed Barryknoll Lane Roadway and Drainage improvements from Bettina Court to Memorial City Way.
	Completed preliminary design and commenced detailed design of Lumpkin Road Improvements project.
	Completed preliminary design and commenced detailed design of Town & Country West Drainage and Mobility project.
	Completed preliminary design and commenced detailed design of W-140-01 Channel Improvements project.
Acquired 1/2 tract and ancillary parcels to extend Town and Country Lane to Beltway 8 feeder road.	

<b>P R O J E C T  P L A N</b>		<b>Total Plan</b>	<b>Cumulative Expenses (to 6/30/13)</b>	<b>Variance</b>
	<b>Capital Projects:</b>			
	Roadway and Sidewalk Improvements	\$ 53,429,681	\$ 18,405,085	\$ 35,024,596
	Public Utility Improvements	43,194,163	18,288,710	24,905,453
	Parks and Recreational Facilities	11,889,119	243,632	11,645,487
		-	-	-
	<b>Total Capital Projects</b>	\$ 108,512,963	\$ 36,937,427	\$ 71,575,536
	<b>Affordable Housing</b>	-	-	-
	<b>School &amp; Education/Cultural Facilities</b>	-	-	-
	<b>Financing Costs</b>	25,000,000	10,786,728	14,213,272
	<b>Administration Costs/ Professional Services</b>	3,352,851	3,449,440	(96,589)
	<b>Creation Costs</b>	-	-	-
	<b>Total Project Plan</b>	\$ 136,865,814	\$ 51,173,595	\$ 85,692,219

<b>D E B T</b>	<b>Additional Financial Data</b>	<b>FY2014 Budget</b>	<b>FY2014 Estimate</b>	<b>FY2015 Budget</b>
		<u>Debt Service</u>	\$ 4,366,771	\$ 4,366,771
	Principal	\$ 2,560,000	\$ 2,560,000	\$ 2,660,000
	Interest	\$ 1,806,771	\$ 1,806,771	\$ 1,704,667
		<b>Balance as of 6/30/13</b>	<b>Projected Balance as of 6/30/14</b>	<b>Projected Balance as of 6/30/15</b>
	<u>Year End Outstanding (Principal)</u>			
	Bond Debt	\$ 47,310,000	\$ 44,750,000	\$ 42,090,000
	Bank Loan	\$ -	\$ -	\$ -
	Line of Credit	\$ -	\$ -	\$ -
	Developer Agreement	\$ -	\$ -	\$ -
	Other	\$ -	\$ -	\$ -

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Memorial City Redevelopment Authority**  
 TIRZ: **17**  
 Fund Number: **7565/50**

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>RESOURCES</b>			
RESTRICTED Funds - Capital Projects	\$ 20,782,969	\$ 20,236,436	\$ 20,782,969
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ 3,501,848	\$ 4,369,773	\$ 4,369,773
UNRESTRICTED Funds	\$ 16,086,342	\$ 15,710,619	\$ 6,943,501
<b>Beginning Balance</b>	<b>\$ 40,371,159</b>	<b>\$ 40,316,828</b>	<b>\$ 32,096,243</b>
City tax revenue	\$ 10,170,258	\$ 10,395,992	\$ 12,524,238
County tax revenue	\$ -	\$ -	\$ -
ISD tax revenue	\$ -	\$ -	\$ -
ISD tax revenue - Pass Through	\$ -	\$ -	\$ -
Community College tax revenue	\$ -	\$ -	\$ -
<b>Incremental property tax revenue</b>	<b>\$ 10,170,258</b>	<b>\$ 10,395,992</b>	<b>\$ 12,524,238</b>
<b>Miscellaneous revenue</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
COH TIRZ interest	\$ -	\$ -	\$ -
Interest Income	\$ 69,171	\$ 67,556	\$ 87,633
<b>Other Interest Income</b>	<b>\$ 69,171</b>	<b>\$ 67,556</b>	<b>\$ 87,633</b>
	\$ -	\$ -	\$ -
	\$ -	\$ -	\$ -
<b>Grant Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Proceeds from Bank Loan</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>Contract Revenue Bond Proceeds</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
	\$ -	\$ -	\$ -
<b>TOTAL AVAILABLE RESOURCES</b>	<b>\$ 50,610,588</b>	<b>\$ 50,780,375</b>	<b>\$ 44,708,114</b>

CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Memorial City Redevelopment Authority**  
 TIRZ: **17**  
 Fund Number: **7565/50**

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
<b>EXPENDITURES</b>			
Accounting	\$ 10,500	\$ 10,507	\$ 10,500
Administration Salaries & Benefits	\$ 142,000	\$ 80,065	\$ 142,000
Auditor	\$ 17,000	\$ 16,500	\$ 17,000
Bond Services/Trustee/Financial Advisor	\$ 4,800	\$ 4,800	\$ 4,800
Insurance	\$ 45,000	\$ 43,592	\$ 45,000
Office Administration	\$ 30,000	\$ 10,031	\$ 30,000
<b>TIRZ Administration and Overhead</b>	<b>\$ 249,300</b>	<b>\$ 165,495</b>	<b>\$ 249,300</b>
Engineering Consultants	\$ 50,000	\$ 47,410	\$ 75,000
Legal	\$ 40,000	\$ 59,765	\$ 60,000
Construction Audit	\$ 10,000	\$ -	\$ 10,000
Planning Consultants	\$ -	\$ 23,891	\$ -
<b>Program and Project Consultants</b>	<b>\$ 100,000</b>	<b>\$ 131,066</b>	<b>\$ 145,000</b>
<b>Management consulting services</b>	<b>\$ 349,300</b>	<b>\$ 296,561</b>	<b>\$ 394,300</b>
Capital Expenditures (See CIP Schedule)	\$ 29,005,510	\$ 13,011,000	\$ 24,190,000
<b>TIRZ Capital Expenditures</b>	<b>\$ 29,005,510</b>	<b>\$ 13,011,000</b>	<b>\$ 24,190,000</b>
<b>Developer / Project Reimbursements</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
Bond Debt Service (Series 2008)			
Principal	\$ 410,000	\$ 410,000	\$ 430,000
Interest	\$ 370,462	\$ 370,462	\$ 351,773
Bond Debt Service (Series 2011)			
Principal	\$ 520,000	\$ 520,000	\$ 540,000
Interest	\$ 331,936	\$ 331,936	\$ 312,432
Bond Debt Service (Series 2011A)			
Principal	\$ 1,630,000	\$ 1,630,000	\$ 1,690,000
Interest	\$ 1,104,373	\$ 1,104,373	\$ 1,040,462
Bond Series (Series 2017)			
Principal	\$ -	\$ -	\$ -
Interest	\$ -	\$ -	\$ -
Cost of Issuance			
Loan debt service			
Principal	\$ -	\$ -	\$ -
Interest	\$ -	\$ -	\$ -
Line of Credit			
Principal	\$ -	\$ -	\$ -
Interest	\$ -	\$ -	\$ -
Convenience Fee	\$ -	\$ -	\$ -
<b>System debt service</b>	<b>\$ 4,366,771</b>	<b>\$ 4,366,771</b>	<b>\$ 4,364,667</b>
<b>TOTAL PROJECT COSTS</b>	<b>\$ 33,721,581</b>	<b>\$ 17,674,332</b>	<b>\$ 28,948,967</b>



CITY OF HOUSTON  
 ECONOMIC DEVELOPMENT DIVISION  
 FISCAL YEAR 2015 BUDGET PROFILE

Fund Summary  
 Fund Name: **Memorial City Redevelopment Authority**  
 TIRZ: **17**  
 Fund Number: **7565/50**

TIRZ Budget Line Items	FY2014 Budget	FY2014 Estimate	FY2015 Budget
Payment/transfer to ISD - educational facilities	\$ -	\$ -	\$ -
Payment/transfer to ISD - educational facilities (Pass Through)	\$ -	\$ -	\$ -
Administration Fees:			
City	\$ 508,513	\$ 519,800	\$ 626,212
County	\$ -	\$ -	\$ -
ISD	\$ -	\$ -	\$ -
HCC	\$ -	\$ -	\$ -
Affordable Housing:			
City	\$ -	\$ -	\$ -
County	\$ -	\$ -	\$ -
ISD to City of Houston	\$ -	\$ -	\$ -
Municipal Services (Payable to COH)	\$ 490,000	\$ 490,000	\$ 490,000
<b>Total Transfers</b>	<b>\$ 998,513</b>	<b>\$ 1,009,800</b>	<b>\$ 1,116,212</b>
<b>Total Budget</b>	<b>\$ 34,720,094</b>	<b>\$ 18,684,132</b>	<b>\$ 30,065,179</b>
RESTRICTED Funds - Capital Projects	\$ 8,977,459	\$ 20,782,969	\$ -
RESTRICTED Funds - Affordable Housing	\$ -	\$ -	\$ -
RESTRICTED Funds - Bond Debt Service	\$ 3,501,848	\$ 4,369,773	\$ 4,369,773
UNRESTRICTED Funds	\$ 3,411,187	\$ 6,943,501	\$ 10,273,162
<b>Ending Fund Balance</b>	<b>\$ 15,890,494</b>	<b>\$ 32,096,243</b>	<b>\$ 14,642,935</b>
<b>Total Budget &amp; Ending Fund Balance</b>	<b>\$ 50,610,588</b>	<b>\$ 50,780,375</b>	<b>\$ 44,708,114</b>

Notes:

Council District	CIP No.	Project	Fiscal Year Planned Appropriations											
			Through 2013	Projected 2014	2015	2016	2017	2018	2019	FY15 - FY19 Total				
A,G	T-1701	Gessner Widening Barryknoll to I-10	\$ 11,029,427	-	-	-	-	-	-	-	-	-	-	-
A,G	T-1702	Bunker Hill Widening I-10 to Long Point	\$ 6,099,259	-	-	-	-	-	-	-	-	-	-	-
A,G	T-1709	Improvement to Lumpkin from I-10 to Westview	\$ 347,902	800,000	3,300,000	4,750,000	-	-	-	-	-	-	8,050,000	
A,G	T-1712	Bunker Hill South of IH 10 Mobility Improvements	\$ 1,857	-	-	-	400,000	-	-	-	-	-	400,000	
A,G	T-1714	Frostwood Drive and Kingside Drainage Improvements	\$ 24,023	-	-	-	2,120,000	2,045,000	-	-	-	-	4,365,000	
A,G	T-1715A	Barryknoll East Drainage Improvements	\$ 2,303,203	\$ 6,000,000	200,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	200,000	
A,G	T-1715B	Barryknoll West Drainage Improvements	\$ 36,374	\$ -	\$ -	\$ -	\$ 1,600,000	\$ 1,550,000	-	-	-	-	3,150,000	
A,G	T-1716	Queensbury Drainage Improvements	\$ 545,086	-	-	-	-	-	-	-	-	-	-	
A,G	T-1717	Town and Country West Drainage and Mobility Improvements	\$ 214,426	2,400,000	2,075,000	6,075,000	-	-	-	-	-	-	8,150,000	
A,G	T-1718	Kimberly near Beltway 8 Drainage Improvements	\$ 1,442,725	-	-	-	-	-	-	-	-	-	-	
A,G	T-1719	Kingside East Bound at Gessner	\$ 669,167	-	-	-	-	-	-	-	-	-	-	
A,G	T-1722	Town and Country Blvd. at Queensbury Signalization	\$ 4,480	-	-	-	-	-	-	-	-	-	-	
A,G	T-1725	Park and Green Space Improvements	\$ 68,124	15,000	25,000	125,000	125,000	100,000	500,000	-	-	-	500,000	
A,G	T-1726	West Bough Roadway Improvements	\$ 5,873	-	-	-	400,000	3,200,000	-	-	-	-	3,600,000	
A,G	T-1727	N. Gessner Preliminary Engineering	\$ 18,546	-	-	-	-	-	-	-	-	-	-	
A,G	T-1731A	Detention Basin and W-140	\$ 7,652,582	3,300,000	-	-	-	-	-	-	-	-	-	
A,G	T-1732A	N. Gessner Drainage and Mobility Improvement - Phase 1	\$ 504,493	25,000	300,000	4,250,000	1,050,000	-	-	-	-	-	5,600,000	
A,G	T-1732B	N. Gessner Drainage and Mobility Improvement - Phase 2	\$ 72,654	-	-	500,000	4,675,000	1,150,000	-	-	-	-	6,325,000	
A,G	T-1733A	N. Witte Drainage and Mobility Improvement - Phase 1	\$ 81,041	21,000	-	-	250,000	1,280,000	-	-	-	-	1,530,000	
A,G	T-1733B	N. Witte Drainage and Mobility Improvement - Phase 2	\$ 73,280	-	-	-	-	260,000	-	-	-	-	260,000	
A,G	T-1734	W140 Channel Improvements	\$ 258,208	375,000	1,615,000	8,120,000	4,060,000	-	-	-	-	-	13,795,000	
A,G	T-1734B	Bunker Hill Bridge and related Flood Mitigation Infrastructure Improvements	\$ -	-	75,000	600,000	1,540,000	2,000,000	-	-	-	-	4,215,000	
A,G	T-1735	Detention Basin - 245 acre feet proposed	\$ -	-	-	100,000	100,000	2,500,000	-	-	-	-	6,300,000	
A,G	T-1735A	Detention Basin A	\$ -	75,000	16,200,000	3,919,667	1,959,833	-	-	-	-	-	22,079,500	
A,G	T-1738A	Memorial Drive Drainage and Mobility Improvement Project - Phase 1	\$ 335,038	-	400,000	475,000	3,000,000	5,525,000	2,500,000	11,900,000	-	-	11,900,000	
<b>Totals</b>			<b>\$ 31,787,768</b>	<b>\$ 13,011,000</b>	<b>\$ 24,190,000</b>	<b>\$ 28,914,667</b>	<b>\$ 16,709,833</b>	<b>\$ 17,170,000</b>	<b>\$ 13,435,000</b>	<b>\$ 100,419,500</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

\* NOTE: CIP T-1735 and CIP T-1735A reflects the Memorial City Redevelopment Authority's commitment to the acquisition, design and construction of detention basins to provide drainage solutions in the region. The goal is to identify, acquire, and construct 300 acre feet of detention by the end of fiscal year 2019.

\*\* NOTE:



August 5, 2014

Workers' Compensation • Property • Liability

To: TML Intergovernmental Risk Pool Members  
From: TML Intergovernmental Risk Pool Underwriting Department  
RE: 2014/2015 Declarations of Coverage  
Liability/Property Rerate Exposure Summary Waived

Enclosed are your 2014/2015 Liability/Property Declarations of Coverage. You will not be asked to complete a Liability/Property Rerate Exposure Summary for the 2014/2015 Fund Year. However, please be sure to notify us of any changes to your automobile, property, and mobile equipment schedules and operations prior to your anniversary date.

There have been a few rate changes this year. A minimal change occurred for liability rates and no rate changes were made to property rates.

The Pool's Board of Trustees recently approved several changes to the Pool's Coverage Documents to be effective October 1, 2014. The revised Coverage Documents are included behind the Miscellaneous tab along with a summary of changes for each Coverage Document. Please review and contact your Member Services Manager or Underwriter if you have questions.

The estimated payrolls on your Workers' Compensation Declarations are based upon your most recent workers' compensation audit or your most recently completed Payroll Adjustment Form.

Your Workers' Compensation Declarations of Coverage are also included. The estimated payrolls on your Workers' Compensation Declarations are based upon your most recent workers' compensation audit or your most recently completed Payroll Adjustment Form.

Please review the estimated payrolls on the enclosed classification schedule. If the payrolls do not accurately reflect your anticipated payroll for 2014/2015, complete and return the Payroll Adjustment Form, included with this binder. The Pool will adjust your payrolls and contribution accordingly. An audit may also be conducted at the end of the coverage period to determine your actual payroll and any adjustments will be made at that time.

Although Workers' Compensation Coverage for your volunteers is optional, the Pool recommends this coverage be elected. If you had coverage for a classification of volunteers for 2013/2014, your rerate has been prepared including the same volunteer classifications. You may discontinue or add volunteer coverage by completing and returning both pages of the Payroll Adjustment Form. The Pool offers Members the option of providing higher indemnity (loss of income) benefits to volunteers. Please refer to the "Volunteer Activity Report Supplement – Optional Income Benefits" document in the front pocket of your binder.

We ask that you pull forward your Interlocal Agreement and Bylaw copies from the previous year in order to complete the 2014/15 binder.

TEXAS MUNICIPAL LEAGUE INTERGOVERNMENTAL RISK POOL

Your confidence and participation in the TML Intergovernmental Risk Pool is appreciated. If you have any questions about the enclosed documents, contact our Underwriting Department at (800) 537-6655



Workers' Compensation Declarations Page 2014-2015 Fund Year

Member Name: Memorial City Redevelopment Authority  
Member ID: 6676  
Fed ID No: 134251016  
Effective Date: 10/01/2014  
Anniversary Date: 10/01/2015



Workers' Compensation Coverage: This agreement applies to the Workers' Compensation laws of the State of Texas.

Coverage will be provided in accordance with the signed Workers' Compensation Interlocal Agreement on file with the Texas Municipal League Intergovernmental Risk Pool.

This contract includes these forms and schedules:

W102-Workers' Compensation Payroll Schedule

W133-Volunteer Endorsement to Interlocal Agreement

The contribution has been determined according to the Pool's manual of rules, classifications, rates and rating plans. Classifications and payrolls are subject to verification and change at audit.

**Net Estimated Contribution:**

**\$404**

**Workers' Compensation  
Payroll Schedule  
2014-2015 Fund Year**

Member Name: Memorial City Redevelopment Authority  
 Member ID: 6676  
 Effective Date: 10/01/2014  
 Anniversary Date: 10/01/2015  
 Date Generated: 08/05/2014



Location: Memorial City Redevelopment Authority

Classification	Description	Estimated Payroll	Rate	# of Emp.	Estimated Contribution
8810	Clerical - Office	112,200	0.45	1	505
	Subtotals	112,200			505

Volunteers and Elected Officials:

3724O	Outside Volunteers	No Exposure			Not Covered
7704V	Volunteer Firefighters	No Exposure			Not Covered
7720E	Volunteer Ambulance/EMS	No Exposure			Not Covered
7720V	Police Reserves	No Exposure			Not Covered
8742E	Elected/Apptd Officials-Governing Board Only	No Exposure			Not Covered
8742F	Elected/Apptd Officials-All Boards/Comms	No Exposure			Not Covered
8742I	Inside Volunteers	No Exposure			Not Covered
8888V	Police Reserves-Motorcycle	No Exposure			Not Covered
	Subtotals	0			0
	Totals	112,200			505

Workers' Compensation  
Payroll Schedule  
2014-2015 Fund Year

Member Name: Memorial City Redevelopment Authority  
Member ID: 6676  
Effective Date: 10/01/2014  
Anniversary Date: 10/01/2015  
Date Generated: 08/05/2014



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Total Manual Contribution	505
Experience Modifier	1.00
Total Standard Contribution	505
Fund Discount (0.20)	0.80
Discounted Standard Contribution	404
Deductible Credit	0
Net Contribution	404
Total Contribution	404

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**VOLUNTEER ENDORSEMENT TO INTERLOCAL AGREEMENT**

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This endorsement forms a part of the Declarations to which attached, effective on the inception date of the coverage unless otherwise stated herein, and modifies such coverage as is afforded by the provisions of the coverage shown below.

**WORKERS' COMPENSATION COVERAGE**

Member Name: Memorial City Redevelopment Authority

Member ID: 6676

Effective Date: 10/01/2014

In consideration of the Employer Pool Member's request for payment of additional benefits and in further consideration of the Fund's agreement to pay such benefits, the Interlocal Agreement is amended by adding thereto the applicable coverages indicated below.

The Fund will pay on behalf of the Employer Pool Member if a volunteer employee in a classification for which coverage was accepted shall sustain injury, including death resulting therefrom, under circumstances which would have rendered the Employer Pool Member liable for compensation if the injured volunteer employee and the Employer Pool Member had been subject to the Texas Workers' Compensation Law with respect to such voluntary employment, an amount equal to the compensation and other benefits which would have been payable under such law had the injured volunteer and the Employer Pool Member been subject to such law with respect to such voluntary employment. The parties of this agreement do not by its use intend to make applicable to themselves any provision of the Texas Workers' Compensation Law not already in force and effect as to them. The reference to the Texas Workers' Compensation Law is intended as a measure and extent of benefits and the liability therefore and not an adoption of the law.

The Employer Pool Member agrees to pay the contribution for the volunteer employee classifications shown on the Payroll Schedule (W102). The information regarding coverages accepted or rejected has been derived from documentation on file including the signed acceptance executed by a representative of this entity duly authorized to accept or reject Workers' Compensation coverage for volunteers.

This agreement shall be subject to all the terms, provisions and conditions of the Interlocal Agreement, and nothing herein contained shall vary, alter or extend any term, provision or condition of the Interlocal Agreement except as herein specifically stated.





## Scope of Services

# TIRZ #17 Redevelopment Authority

Pursuant to recent discussion between representatives of The Goodman Corporation (TGC) and the Memorial City TIRZ (TIRZ), we have developed a proposed Scope of Services in order to assist the TIRZ in the identification, funding, and implementation of federally eligible mobility and transit infrastructure improvements. This scope will cover the November 1, 2014 through October 31, 2015 time frame. The proposed approach will provide the TIRZ with a strategic ability to leverage federal funding with locally committed resources, and to compete for discretionary mobility funding available at the state and federal level.

### **Task 1 – Develop a federally eligible mobility related capital improvement program**

- Conduct necessary workshops with key TIRZ personnel in order to fully understand the schedule of planned pedestrian and transportation infrastructure improvements within the existing capital improvement program (CIP). Workshops will also focus on the identification of TIRZ mobility challenges not currently being addressed in the existing CIP.
- Coordinate with TIRZ engineering consultants to incorporate information identified in their pedestrian infrastructure study.
- TGC will identify projects within the current CIP which are eligible for federal funding. TGC will also create a list of federally eligible candidate projects which address district mobility challenges.
- Dependent on the level of detail currently available, TGC may need to conduct an inventory of existing infrastructure conditions along project candidate corridors. Additionally, dependent upon work completed by TIRZ consultants, TGC may need to develop costs for candidate projects.

*Deliverable: Federally Eligible Improvements - Capital Cost Identification*

### **Task 2 – Identify and Quantify Benefits**

- Based upon the delta between the existing conditions of and proposed improvements to infrastructure, TGC will identify and quantify benefits related to: vehicle emissions, transit ridership, roadway level of service, pedestrian level of service, safety, health, livability, and economic development.

*Deliverable: Benefit Quantification Memorandum*

### **Task 3 – Develop Funding and Implementation Strategy**

- TGC will create a suggested approach to funding the capital improvements identified in

Task 1. The strategy will include a breakdown and description of each applicable funding source, as well as a year by year schedule for funding and implementation.

*Deliverable: Funding and Implementation Strategy*

#### **Task 4 – Plan Development and Environmental Clearance**

- Based upon the information collected in Tasks 1 and 2, TGC will develop a 5 year Mobility Capital Improvement Plan for the TIRZ. The plan will include a background section outlining existing mobility challenges and infrastructure conditions, an updated and comprehensive list of federally eligible capital projects, costs, benefits, as well as a funding and implementation strategy.
- Included in the plan development process will be a review of environmental challenges posed by the selected projects. Environmental clearance documentation will be developed for projects applicable for a categorical exclusion.

*Deliverable: Five (5) year Federally Eligible Mobility Plan*

#### **Task 5 – Pursuit of Funding**

- TGC will assist the TIRZ in the identification of funding opportunities for eligible capital improvements within the TIRZ boundaries. Anticipated funding opportunities include calls-for-projects from H-GAC, TxDOT, and the Federal Department of Transportation.
- TGC will also regularly monitor applicable new developments and updates to federal and state funding opportunities in the form of webinars, updates to the federal register, press releases, and notices of funding availability.
- When an applicable funding opportunity is identified, TGC will familiarize ourselves with all application requirements and use the previously developed plan as a template for the application materials. TGC will complete all application activities and submit all materials. TGC will obtain letters of support and other required materials by providing form letters to applicable individuals, contacting elected officials and their staff, and through coordination with TIRZ staff. TGC will complete all other necessary activities in order to provide the greatest opportunity to receive grant funding.

#### **Task 6 – Intergovernmental and Legal**

- TGC will assist in the creation of any necessary inter-local agreements (for example, between the Management District and the TIRZ, as the Management District will have to be the project sponsor for grant application purposes), memorandums of understanding, resolutions, and other required legal documentation.
- TGC will serve as a liaison with agencies and stakeholders including but not limited to: the Houston-Galveston Area Council, City of Houston, Houston METRO, TxDOT, FTA, and FHWA. Activities will include active management of all correspondence, as well as TGC attendance at all applicable public meetings, hearings, and workshops.

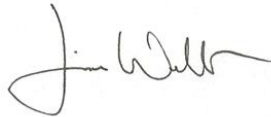
Below is a budget summary for the proposed Scope of Services:

<b>Budget Summary</b>		
<b>Task</b>	<b>Description</b>	<b>Cost</b>
1	Develop Federal CIP	\$30,000-\$50,000 ( <i>dependent on level of work needed</i> )
2	Quantify Benefits	\$20,000
3	Funding and Implementation	\$15,000
4	Plan Development	\$10,000
5	Pursuit of Funding	\$20,000
6	Intergovernmental and Legal	\$20,000
	<b>Total</b>	<b>\$115,000-135,000</b>

The Budget includes all TGC Fees, Overhead, Direct and Indirect Expense, and profit. Billing will be on a “Lump Sum Percentage of Completion” basis. Monthly progress reports will be provided with each invoice.

Should you have any questions regarding this proposed Scope of Services, please feel free to contact me at (713) 951-7951.

Sincerely,



Jim Webb, TGC

**Memorial City TIRZ**

**Task**

	Fully Burdened Rates (inclusive of all fees, materials, and travel)	1- Federal Plan	2 - Quantify Benefits	3 - Federal Strategy	4 - Plan Development and Env.	5 - Pursuit of Funding	6 - Intergovernmental & Legal	Total
President/Principle	\$350	\$15,400	\$0	\$8,400	\$0	\$4,200	\$13,300	\$41,300
Senior Vice President	\$161	\$2,576	\$1,288	\$1,288	\$1,288	\$1,288	\$1,288	\$9,016
Vice President	\$150	\$0	\$0	\$0	\$0	\$1,200	\$0	\$1,200
Senior Associate	\$123	\$13,776	\$5,412	\$5,412	\$2,460	\$8,856	\$5,412	\$41,328
Engineer	\$123	\$3,936	\$0	\$0	\$0	\$0	\$0	\$3,936
Associate	\$105	\$14,490	\$13,440	\$0	\$6,300	\$4,620	\$0	\$38,850
		\$50,178	\$20,140	\$15,100	\$10,048	\$20,164	\$20,000	\$135,630

<b>Staff</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>	<b>Hrs</b>
President/Principle	44	0	24	0	12	38	118	
Senior Vice President	16	8	8	8	8	8	56	
Vice President	0	0	0	0	8	0	8	
Senior Associate	112	44	44	20	72	44	336	
Engineer	32	0	0	0	0	0	32	
Associate	138	128	76	60	44	44	370	
	342	180	180	88	144	90	920	

October 23, 2014

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

Attention: Mr. Don Huml

Re: Proposal for CIP # T-1734B, Bunker Hill Bridge and related Flood Mitigation  
Klotz Associates Project No. 1111.002.000

Dear Mr. Huml:

The TIRZ 17 had made the decision to improve drainage in the Briar Branch watershed because of the frequency and depth of flooding within this area. The planned improvements include construction of a downstream detention basin (already constructed), improvements to the Briar Branch channel (currently in detail design), improvements to the lateral storm sewer systems (Straws) that drain the subdivisions to Briar Branch (proposed), and evaluation and possible improvements to the Bunker Hill Bridge at Briar Branch (proposed).

There are two tasks of this proposal. TASK 1 is to prepare a Preliminary Engineering Report (PER) to provide a recommended design for the implementation and construction of the five Straws with 30% plans and opinion of construction cost. TASK 2 of this proposal is a feasibility assessment of potential improvements to the Bunker Hill Road Bridge at Briar Branch. The feasibility assessment will include an evaluation of the current Bunker Hill Road Bridge and evaluation of alternatives to improve the conveyance through the bridge to utilize the proposed capacity of the improved Briar Branch Channel.

In 2013, a Regional Drainage Study (RDS) was completed by Lockwood, Andrews, & Newnam, Inc. (LAN) in the InfoWorks modeling software. LAN developed an existing-conditions model and proposed (at a high-level) various improvements to five existing Straws. The five Straws were shown to require an increase in size to convey more flow from the subdivisions to Briar Branch. Subsequently, Klotz Associates has developed a more-localized XP-SWMM model to analyze the Briar Branch improvements and is now time to complete a detailed modeling of the Straws. The Straws improvements are needed to complete the overall drainage improvements to

this area and to convey more storm water flows to the Briar Branch channel and then downstream to the constructed detention basin, where the flows will be mitigated. As part of this PER, the drainage modifications proposed in the RDS model for the Straws will be further refined in the Klotz Associates' XP-SWMM model and additional pipe sizing options will be evaluated for the TIRZ 17 to resolve drainage issues. Note: this PER will utilize only the original alignments and routes outlined in the 2013 LAN study for the Straws.

The PER will result in the sizing for the design of the Straws. The engineering services include project management and coordination, some surveying services, and preliminary engineering report including a set of 30% plans with construction cost estimate.

## **TASK #1 – PRELIMINARY ENGINEERING REPORT**

### **Subtask 1 – Project Management and Coordination**

- a) Project Management – Project Management of project documentation/records including task management and workload scheduling. This will include project scheduling, internal meetings, and meeting summaries.
- b) TIRZ 17 Coordination – We will meet with TIRZ 17 as needed. We will be available for teleconference updates, attend approximately four (4) monthly/bimonthly miscellaneous meetings, prepare e-mails, write memorandums, and develop other correspondence as directed by the TIRZ 17. This will also include the preparation of meeting minutes within two (2) working days of a meeting.
- c) Subconsultant Coordination – Coordinate efforts for the survey sub-consulting team Kuo & Associates, Inc. (Kuo). Arrange meetings, prepare e-mails, write memorandums, develop the contract and authorizations, and respond to correspondence as directed by the TIRZ 17.
- d) Stakeholder Coordination – Identify and coordinate with stake-holder agencies including, but not limited to, Harris County Flood Control District (HCFCD), the Harris County Public Infrastructure Department (HCPID), and the City of Houston (CoH). This will include approximately two (2) meetings as needed. This scope does not include specific permitting through any agency.

### **Subtask 2 – Data Collection**

- a) Additional Survey Services – Klotz Associates will collect, review, and evaluate survey data provided by Kuo. We will prepare the survey for incorporation into the modeling and preliminary design.
  
- b) Collect and Review Existing Data – Klotz Associates will collect, review, and evaluate available and appropriate data pertaining to this project and/or the project area. We will collect available data from the TIRZ 17 and from other sources to review any pertinent and existing data. The TIRZ 17 will provide the Klotz Associates team with historic models, plans, maps, data, etc. to review.
  
- c) Collect and Review Existing Modeling Efforts - In 2013, an RDS model was completed by LAN in InfoWorks. LAN developed an existing-conditions model and proposed (at a high-level) various improvements to five existing Straws. Subsequently, Klotz Associates has developed a more-localized XP-SWMM model to analyze the Briar Branch improvements. Klotz Associates will collect, review, and evaluate available and appropriate data and information pertaining to previous modeling efforts that were completed by other consulting firms.

### **Subtask 3 – Modeling**

- a) Project Modeling – Klotz Associates will incorporate the drainage modifications proposed in the InfoWorks RDS model into the Klotz Associates’ XP-SWMM model.

The original plan from the TIRZ 17 RDS model used the existing drainage easements, some of which are only 10’ wide and located between existing homes for the Straw improvements. The original plan was to replace the existing undersized pipes with larger pipes in the original drainage easements. Klotz Associates will utilize the original 2013 routes for the five straws and will develop the final proposed pipe sizes and number of inlets for each of the Straws.

For this engineering effort, Klotz Associates will develop a model for the original plan from the TIRZ RDS model used the existing drainage easements for the Straw improvements.

### **Subtask 4 – Report and Recommendations**



- a) Alignment Exhibits - For the modeling configuration identified, we will develop high-level drawings for the PER report figures. Drawings will generally include overall storm sewer improvement locations and overview plan-view layouts.
- b) Preliminary Opinion of Probable Construction Cost (OPCC) - Develop a preliminary OPCC for each configuration. Based on cost and qualitative criteria present a recommended alternative to the TIRZ 17 for concurrence.
- c) Preliminary Engineering Report (PER) – The results of the above tasks will be summarized in a preliminary engineering report. The report will be submitted to the TIRZ 17 in draft form for review and comment. Applicable review comments will be incorporated in to the report and issued in final format. This PER will include the refined OPCC and preliminary design drawings.

**Subtask 5 – Preliminary Design (30% Plans)**

- a) Preliminary Design Drawings– Klotz Associates will prepare a set of 30% preliminary design drawings. These drawings are not construction level drawings, but will show approximately 30% of the design features. Drawings will include:
  - 1. Overall Site Plan
  - 2. Demolition Plan
  - 3. Utility Relocation Plan
  - 4. Storm Sewer Plan and Profile
  - 5. Preliminary Storm Water Pollution Prevention Plans
  - 6. Standard TIRZ 17, City of Houston (CoH), or Harris County Flood Control District (HCFCD) details (if utilized)
- b) Refined OPCC – OPCC completed in the Report and Recommendations phase will be refined in the 30% design phase. The OPCC will include an appropriate contingency factor.

**TASK #2 – BUNKER HILL ROAD FEASIBILITY ASSESSMENT**

**Subtask 1 – Feasibility Assessment**

- a) Bunker Hill Bridge – The Bunker Hill Road Crossing will be evaluated. Klotz Associates will analyze the feasibility of installing additional pipes, replacing portions of the bridge deck, or replacing the existing bridge without creating adverse downstream or upstream impacts.



- b) Feasibility Report – The results of the above analysis will be summarized in a feasibility report. The report will be submitted to the TIRZ 17 in draft form for review and comment. Applicable review comments will be incorporated in to the report and issued in final format. Note: this feasibility report will include a high-level OPCC with appropriate contingency but will not include preliminary design drawings.

## **DELIVERABLES**

The Client deliverables include the following:

- a) Preliminary Engineering Report – as outlined in TASK #1 Subtask 4 Item c; Subtask 5 Item a & b.
- b) Feasibility Report – as outlined in TASK #2 Subtask 1 Item b.

## **SCHEDULE**

Klotz Associates estimates that these tasks will require approximately 6 months to complete. See attached schedule for a breakdown.

## **FEE**

Klotz Associates estimates that these tasks will cost **\$156,745.00**. See the table below for a fee breakdown, or for a more-detailed look, see the attached spreadsheet.

**Fee Breakdown Table**


Klotz Associates			Fee
<b>TASK #1 – PRELIMINARY ENGINEERING REPORT</b>			<b>\$117,995</b>
SUBTASK 1	Project Management and Coordination		\$19,970
SUBTASK 2	Data Collection		\$12,910
SUBTASK 3	Modeling		\$26,500
SUBTASK 4	Report and Recommendations		\$23,655
SUBTASK 5	Preliminary Design (30%)		\$34,960
<b>TASK #2 – BUNKER HILL ROAD FEASIBILITY ASSESSMENT</b>			<b>\$16,900</b>
SUBTASK 1	Feasibility Assessment		\$16,900
<b>Total Labor</b>			<b>\$134,895</b>

Subconsultants	Fee	%MU	Totals
Kuo & Associates, Inc.	\$20,000	8%	\$21,600
<b>Total Subs</b>	<b>\$21,600</b>		

Expenses	Fee	%MU	Totals
Plotting / Printing	\$250	0%	\$250
<b>Total Expenses</b>	<b>\$250</b>		

<b>TOTAL PROPOSAL FEE:</b>	<b>\$156,745</b>
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Sincerely,



Gary L. Struzick, P.E., CFM  
Vice President

GLS:ng

Enclosures

Accepted for  
Memorial City Redevelopment Authority

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Print

Accepted for the City of Houston

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Print

# Briar Branch Straws Proposal

BUDGET													
Klotz Proj. #: 1111.002.000													
Personnel:	Principal	Department Manager	Project Manager	Project Engineer	Associate Engineer	GIS Specialist	Senior Designer	Designer	Clerical		Totals		
	Hourly Rate:	\$275	\$250	\$190	\$140	\$120	\$120	\$135	\$100	\$135	\$0	Cost	Hrs.
<b>TASK #1 – PRELIMINARY ENGINEERING REPORT</b>													
SUBTASK 1	Project Management and Coordination											\$0	0
A	Project Management											\$9,000	50
B	TIRZ 17 Coordination											\$6,550	32
C	Subconsultant Coordination											\$2,400	12
D	Stakeholder Coordination											\$2,020	10
SUBTASK 2	Data Collection											\$0	0
A	Additional Survey Services											\$2,720	19
B	Collect and Review Existing Data											\$4,720	39
C	Collect and Review Existing Modeling Efforts											\$5,470	38
SUBTASK 3	Modeling											\$0	0
A	Project Modeling											\$26,500	195
SUBTASK 4	Report and Recommendations											\$0	0
A	Alignment Exhibits											\$4,820	39
B	Preliminary Opinion of Probable Construction Cost (OPCC)											\$5,410	40
C	Preliminary Engineering Report (PER)											\$13,425	92
SUBTASK 5	Preliminary Design (30%)											\$0	0
A	Preliminary Design Drawings											\$30,150	230
B	Refined OPCC											\$4,810	35
<b>TASK #2 – BUNKER HILL ROAD FEASIBILITY ASSESSMENT</b>													
SUBTASK 1	Feasibility Assessment											\$0	0
A	Bunker Hill Bridge											\$7,680	57
B	Feasibility Report											\$9,220	61
Total Hours:		6	18	137	390	167	44	110	70	7	0		
Total Labor:		\$1,650	\$4,500	\$26,030	\$54,600	\$20,040	\$5,280	\$14,850	\$7,000	\$945	\$0	\$134,895	949

Subconsultants	Fee	% Mark-Up	Totals
Kuo & Associates, Inc.	\$20,000.00	8%	\$21,600
			\$0
			\$0
<b>Total Subs</b>			<b>\$21,600.00</b>

Expenses	Fee	% Mark-Up	Totals
Plotting / Printing	\$250.00	0%	\$250
			\$0
			\$0
<b>Total Expenses</b>			<b>\$250.00</b>

Totals	
Total Hours	949.0
Total Labor	\$134,895
Total Subconsultants	\$21,600
Total Expenses	\$250
<b>Project Total</b>	<b>\$156,745</b>



October 22, 2014

Memorial City Redevelopment Authority  
8955 Katy Freeway, Suite 215  
Houston, TX 77024

Attention: Don Huml – Executive Director

**Reference: TIRZ 17 Response to City of Spring Valley Village Review of Briar Branch Stormwater Detention Basin Impact Analysis Report and Models**

Dear Mr. Huml,

Lockwood, Andrews and Newnam, Inc. (LAN) is pleased to submit this proposal for a task order authorization to support TIRZ 17 in responding to inquiries from the City of Spring Valley Village regarding the TIRZ 17 Briar Branch CIP project T-1731A. The City of Spring Valley Village submitted a letter on June 16, 2014 outlining their assessment of the project.

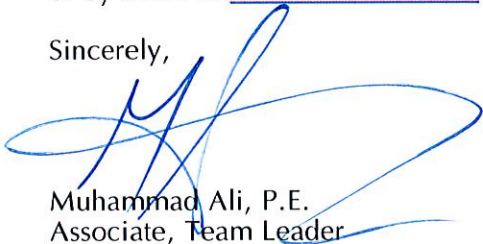
The tasks associated with this effort include:

1. Evaluate technical questions raised by the City of Spring Valley Village.
2. Prepare a letter response to the City of Spring Valley Village, including exhibits and tables as necessary to respond to specific questions from the City of Spring Valley Village.
3. Participate in a coordination meeting with the City of Spring Valley Village to review the technical responses and to address any remaining questions.

A detailed fee estimate is provided as Exhibit A. We propose to perform these services for an amount not-to-exceed \$10,150.00. We are prepared to begin these tasks immediately and anticipate study completion within 4 weeks of the notice to proceed.

If you have any questions or comments, please feel free to contact me by phone at 713-266-6900 or by email at [mmali@lan-inc.com](mailto:mmali@lan-inc.com).

Sincerely,



Muhammad Ali, P.E.  
Associate, Team Leader

Accepted For  
Memorial City Redevelopment Authority

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Signature \_\_\_\_\_ Date \_\_\_\_\_

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Print \_\_\_\_\_

Accepted for City of Houston

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Signature \_\_\_\_\_ Date \_\_\_\_\_

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Print \_\_\_\_\_

Attachments: Exhibit A – Fee Estimate

**Exhibit A**  
**Response to City of Spring Valley Village Review of Briar Branch Improvements**  
**LEVEL OF EFFORT**

**I ENGINEERING SERVICES - TIRZ 17**

ENGINEERING SERVICES	Sr. ROJ MGR	PROJ MGR	PROJECT ENGINEER	GRAD ENGINEER	CADD TECH	ADMIN ASSNT	TOTAL HOURS	LABOR COSTS
1 Evaluate technical questions	1	4	16	8			29	\$ 4,285.00
2 Prepare letter response including tables and exhibits	1	4	16	8		1	30	\$ 4,370.00
3 Participate in coordination meeting	2	2	4				8	\$ 1,400.00
<b>TOTAL HOURS</b>	4	10	36	16	0	1	67	\$ -
Contract Labor Rate	\$225.00	\$175.00	\$150.00	\$120.00	\$90.00	\$85.00		
<b>TOTAL LABOR COSTS</b>	\$900.00	\$1,750.00	\$5,400.00	\$1,920.00	\$0.00	\$85.00		\$ 10,055.00

REIMBURSABLE EXPENSES	Cost
1 Mileage (60miles at \$.56 per mile), tolls, and printing	\$ 90.00

Total	
Add. Eng. Services Total	\$ 10,055.00
Reimbursable Expenses Total	\$ 90.00
<b>Grand Total</b>	<b>\$ 10,145.00</b>

Approximately \$ 10,150.00





June 16, 2014

Mr. Derek St. John, P.E.  
LAN, Inc.  
2925 Briarpark Drive  
Houston, TX, 77042

Re: City of Spring Valley Village Review of TIRZ 17  
Briar Branch Stormwater Detention Basin Impact Analysis Report and Models

Dear Mr. St. John,

The purpose of this letter is to detail our understanding of the 2D Infoworks hydrologic and hydraulic model which supports the analysis, findings, and conclusions in the report titled: *Briar Branch Stormwater Detention Basin Impact Analysis Report* (the December 2013 report); and to document our concerns with the proposed project. The model reviewed was dated December 2013 (the December 2013 Model). This letter should be considered a companion document to our letter dated August 12, 2013 in which we requested clarification and elaboration of several items in the report.

The December 2013 Model includes all phases of the proposed project: Phases 1, 2 and 3. The December 2013 Report details the three phases of construction, and is intended to show no adverse impact resulting from Phases 1 and 2 of the proposed project. The December 2013 Report supersedes an identically titled report dated April 2013, which only described Phase 1. We understand another report will follow for Phase 3 as that Phase is further developed. The three phases are described below:

- Phase 1: Construction of a detention basin adjacent to Briar Branch.
- Phase 2: Channel improvements along Briar Branch.
- Phase 3: Storm sewer improvements along Gessner Road, Larston Street, Witte Road, Demaret Lane, and Windhover Lane.

### **Assessment of Infoworks Modeling**

#### 1. Proposed Channel Improvements

The April 2013 Report documented proposed improvements to Briar Branch that included a U-shaped channel cross-section. The proposed improvements presented in the December 2013 Report includes a revised channel configuration consisting of box culverts along Briar Branch, beneath a high-flow swale. The box culverts are two 8-foot by 6-foot reinforced concrete boxes (RCBs) between Gessner Road and Witte Road, and two 10-foot by 7-foot RCBs between Witte Road and Bunker Hill Road.

2. Gessner Road Storm Sewer to Briar Branch

The Infoworks model of the existing condition shows a contributing peak flow rate of 79 cubic feet per second (cfs) to Briar Branch during the 100-year storm. The remaining 100-year flow from the Gessner system (110 cfs) continues to flow south towards W151. Although there is a 36-inch pipe on the east right-of-way of the Gessner system adjacent to Briar Branch, record drawings and visual inspection reveal that the pipe is sloped towards Gessner and is not connected to Briar Branch. In addition, the modeled cross sections of Briar Branch adjacent to Gessner Road appear to overstate the capacity of the channel at that location, providing up to 4 feet of additional depth several hundred feet upstream versus the actual depth at that location. We recommend the existing condition model for Briar Branch be updated in the vicinity of Gessner Road to more accurately reflect the existing conditions found in the field. In its current configuration in the model, with an assumed 4-foot deep channel adjacent to Gessner Road, flows entering Briar Branch from Gessner Road in the existing condition are likely overstated.

3. Witte Road Storm Sewer to W151 and Briar Branch

The Infoworks model of the existing condition shows that the Witte Road storm sewer system currently contributes a peak flow of 43 cfs to Briar Branch during the 100-year storm. The remaining 100-year flow from the Witte system (123 cfs peak flow) continues to flow south. In the existing condition, Briar Branch functions as a high-flow bypass for the Witte Road system, and receives no flow from the Witte Road system until the 13<sup>th</sup> hour of the storm.

In the proposed condition, the outfall from the Witte system to Briar Branch has been increased from two 48-inch pipes, with a flowline elevation of approximately 75 feet mean sea level (msl) to two 10-foot by 7-foot RCBs, with a flowline elevation of approximately 68 feet msl. The 8-foot by 5-foot RCB in Witte Road remains at a flowline elevation of approximately 72 feet msl. This lowering of the flowline along Briar Branch, from 75 feet msl to 68 feet msl will result in Briar Branch becoming the principal drainage corridor for all flow upstream of Witte Road, instead of the Witte Road system acting as the principal corridor which is currently the case. In the proposed condition, Briar Branch receives flow from the Witte Road system beginning in the 1<sup>st</sup> hour of the storm, 12 hours earlier than in the existing condition.

The 2D model results confirm that under proposed conditions the majority of flow is sent to Briar Branch during the 100-yr and 10-yr storm events, with less going to the W151 and Witte Road system. We recommend the flow and volume to W151 be maintained in existing conditions, and not redirected down Briar Branch.

4. Witte Road Storm Sewer under IH-10

The Witte Road storm sewer under IH-10 consists of three 8-foot wide by 5-foot high RCBs. The Infoworks model has represented the storm sewer as three 5-foot wide by 8-foot high RCBs. This modeling discrepancy likely results in less flow being conveyed downstream to W151. Further, this modeling discrepancy can significantly affect the calculation of the tailwater stage hydrograph.



5. Phase 1 and Phase 2 Detention Basin Control Structure

The hydraulic function of the detention basin will be controlled by a high flow weir that will direct the water that drains into the basin from Briar Branch. Natural ground elevations in the vicinity of the detention basin are typically around elevation 76.5 feet msl. For Phase 1, an 85 foot weir is set at elevation 73.50 feet msl, and the weir widens to 185 feet at elevation 76.00 feet msl. The outflow structure is a 24 inch pipe with a flap gate. For Phase 2, the weir will be revised to a 70 foot weir at elevation 74.00 feet msl, and widen to 220 feet at elevation 76.00 msl.

The use and effectiveness of the detention basin storage will occur for relatively severe and infrequent storm events. The Phase 1 10-year water surface elevation (wsel) in Briar Branch at the detention basin is 74.08 feet msl. The Phase 1 100-year wsel in Briar Branch at the detention basin is elevation 75.37. Since the bottom of the weir in Phase 1 is only 0.58 feet lower than the 10-year wsel, most storms with less than a 10-year intensity and 24-hour duration (7.6 inches of rain in a 24-hour period) will not route through the basin to reduce flows downstream along Briar Branch. We recommend the control structure configuration be re-analyzed and revised to provide benefit during more frequent storm events, for example a 4 or 5 inch rain event.

### **Assessment of Hydrographs**

Pre-project and post-project hydrographs were obtained from the model at the following locations:

- 1) Gessner Road at Briar Branch
- 2) Witte Road storm sewer between Briar Branch and IH-10
- 3) Briar Branch downstream of Witte Road
- 4) Briar Branch upstream of Phase 2 detention basin
- 5) Briar Branch downstream of Phase 2 detention basin
- 6) Briar Branch at Spring Valley Village

Below is a summary of the pre-project and post-project (Phase 2 unless otherwise noted) 100-year peak flows and runoff volumes for the first 24 hours of the storm. Plots of the hydrographs are included as an attachment to this letter.

1. Gessner Road at Briar Branch

The 100-year pre-project and post-project peak outflows from the Gessner storm drain system into Briar Branch are 78 cfs and 76 cfs, respectively. The shape of the pre-project and post-project hydrographs are similar, with the base of the revised existing (pre-project) hydrograph being wider by approximately 4 hours. The pre-project and post-project 100-year runoff volumes are 22.5 and 14.0 acre-feet (AF), respectively.

As noted in the assessment of InfoWorks modeling, Item 2 above, the modeling of the existing condition shows a transition to the Briar Branch channel closer to Gessner Road than is supported by existing ground elevations. We recommend the model be updated in the vicinity of Gessner Road to more accurately reflect the existing conditions found in the field.



2. Witte Road storm sewer between Briar Branch and IH-10

The function of the Witte Road storm sewer south of Briar Branch will change with the proposed Phase 2 project. Instead of Briar Branch serving as a “relief valve” for the Witte Road storm sewer, the proposed Phase 2 project will create a reverse flow condition, draining the Witte Road storm sewer system and W151 back to Briar Branch. In the existing condition, less than one percent of the flow volume for the 24-hour 100-year hydrograph drains towards Briar Branch from IH-10. For the Phase 2 condition, approximately 35 percent of the flow volume will reverse flow towards Briar Branch from IH-10. For the Phase 3 condition, more than 50 percent of the flow volume will reverse toward Briar Branch.

In the existing condition, 112 AF drains via Witte Road to W151 and 1 AF drains to Briar Branch. In the Phase 2 condition, 45 AF drains to W151 and 24 AF drains to Briar Branch. In the Phase 3 condition, 54 AF drains to W151 and 56 AF drains to Briar Branch. Stated another way, Briar Branch sees very little runoff volume from the Witte Road system today, 1 AF; but will see 23 AF of additional volume in Phase 2 and 55 AF of additional volume in Phase 3.

The proposed modifications to Briar Branch will create a direct and primary hydraulic connection to Briar Branch from the W151 drainage system. In addition, the IH-10 westbound frontage road storm sewer, the Gessner Road storm sewer system, and the Conrad Sauer storm sewer system will primarily drain to Briar Branch where no direct connection currently exists. This dramatic change the function and purpose of the Briar Branch system relative to W151 should be avoided.

We recommend at a minimum a weir be constructed in a junction box at the connection between Briar Branch and W151 on the downstream side of Briar Branch. The top of the weir would be at elevation 75.0 feet msl which would match the existing flowline of Briar Branch. A low flow opening could be set in the weir at elevation 68.0 feet msl, the proposed flowline of the 10-foot by 7-foot RCBs in Briar Branch. This configuration would better approximate the existing flow distribution between Briar Branch and W151, and avoid significant diversion of flows from W151 to Briar Branch.

3. Briar Branch downstream of Witte Road

The 100-year pre-project and post-project peak flows at this location are 235 cfs and 267 cfs, respectively. Because of the modifications proposed to Briar Branch at Witte Road, significantly more flow will be sent to Briar Branch rather than the Witte Road storm drain system. These hydrographs show that the volume and flow at this location is significantly increased throughout the entire 24-hour simulation. The pre-project and post-project 100-year runoff volumes are 112.6 and 231.9 AF, respectively, resulting in an increase in runoff volume of 119.3 AF to Briar Branch in the first 24 hours of the storm.

4. Briar Branch upstream of Phase 2 detention basin

The 100-year pre-project and post-project peak flows at this location are 910 cfs and 1000 cfs, respectively. This location is approximately 150 feet upstream of the Phase 2 detention basin site. The post-project flow is greater than the pre-project flow at this location until the 17<sup>th</sup> hour of the storm. The pre-project and post-project 100-year runoff volumes are 460.3 and 560.4 AF, respectively, resulting in an increase in runoff volume of 100.1 AF to Briar Branch in the first 24 hours of the storm.

5. Briar Branch downstream of Phase 2 detention basin

The 100-year pre-project and post-project peak flows at this location are 1446 cfs and 1322 cfs, respectively. This location is approximately 150 feet downstream of the Phase 2 detention basin site. The effect of the Phase 2 detention basin can be seen when comparing the hydrographs at this location versus just upstream of the Phase 2 detention basin. The post-project peak flow is lower than the pre-project peak flow. The pre-project and post-project 100-year runoff volumes are 772.9 and 836.1 AF, respectively, resulting in an increase in runoff volume of 63.2 AF to Briar Branch in the first 24 hours of the storm.

6. Briar Branch at Spring Valley Village

The 100-year pre-project and post-project peak flows at this location are 1663 cfs and 1558 cfs, respectively. These hydrographs were taken near the limits of the City of Spring Valley, downstream of Adkins Road. The post-project flow is greater than the pre-project flow until approximately the 16<sup>th</sup> hour of the storm. The Phase 2 detention improvements reduce the post-project peak flows below the pre-project flows at this location. The pre-project and post-project 100-year runoff volumes are 988.3 and 1,048.7 AF, respectively, resulting in an increase in runoff volume of 60.4 AF to Briar Branch in the first 24 hours of the storm. As noted previously, we recommend a design that does not create an increase in volume above pre-project amounts through Spring Valley Village.

The increase in runoff volume will require additional drain time, and corresponds to an increase in the time that the grass-lined portion of the Briar Branch channel will be inundated. An increase in the duration and frequency of soil saturation along the channel, through repeated cycles of rain events, will increase the maintenance requirements on Briar Branch. For reference, a 2-year storm event will exceed the capacity of the low flow concrete pilot channel in Briar Branch approximately 9 hours in the existing condition, compared to being exceeded approximately 15 hours in the proposed condition.

## Conclusion

Thank you for the opportunity to review the report and models. Our review of the models confirms our previous concerns enumerated in our letter of August 12, 2013 that there appear to be significant issues in the methodology and analytical approach for the solutions proposed in the report. Spring Valley Village desires a positive outcome and welcomes continued dialogue and investigation to find solutions to the significant drainage problems that will benefit all interested parties, citizens and communities.

Sincerely,



Lee C. Lennard, P.E.  
Senior Project Manager

Attachment: Figures 1 - 6

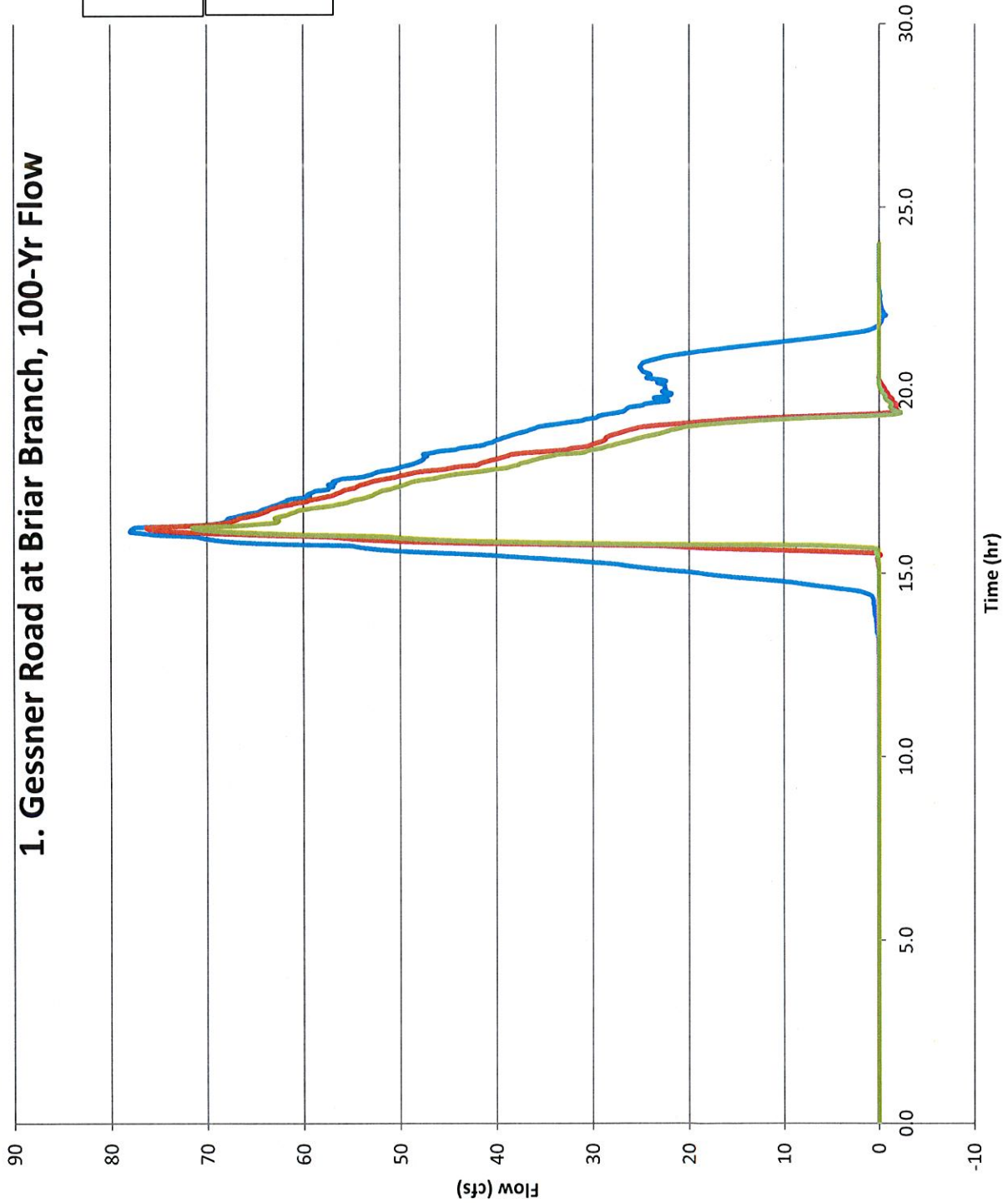
cc: Mr. Stephen Ashley, Spring Valley City Administrator



# 1. Gessner Road at Briar Branch, 100-Yr Flow

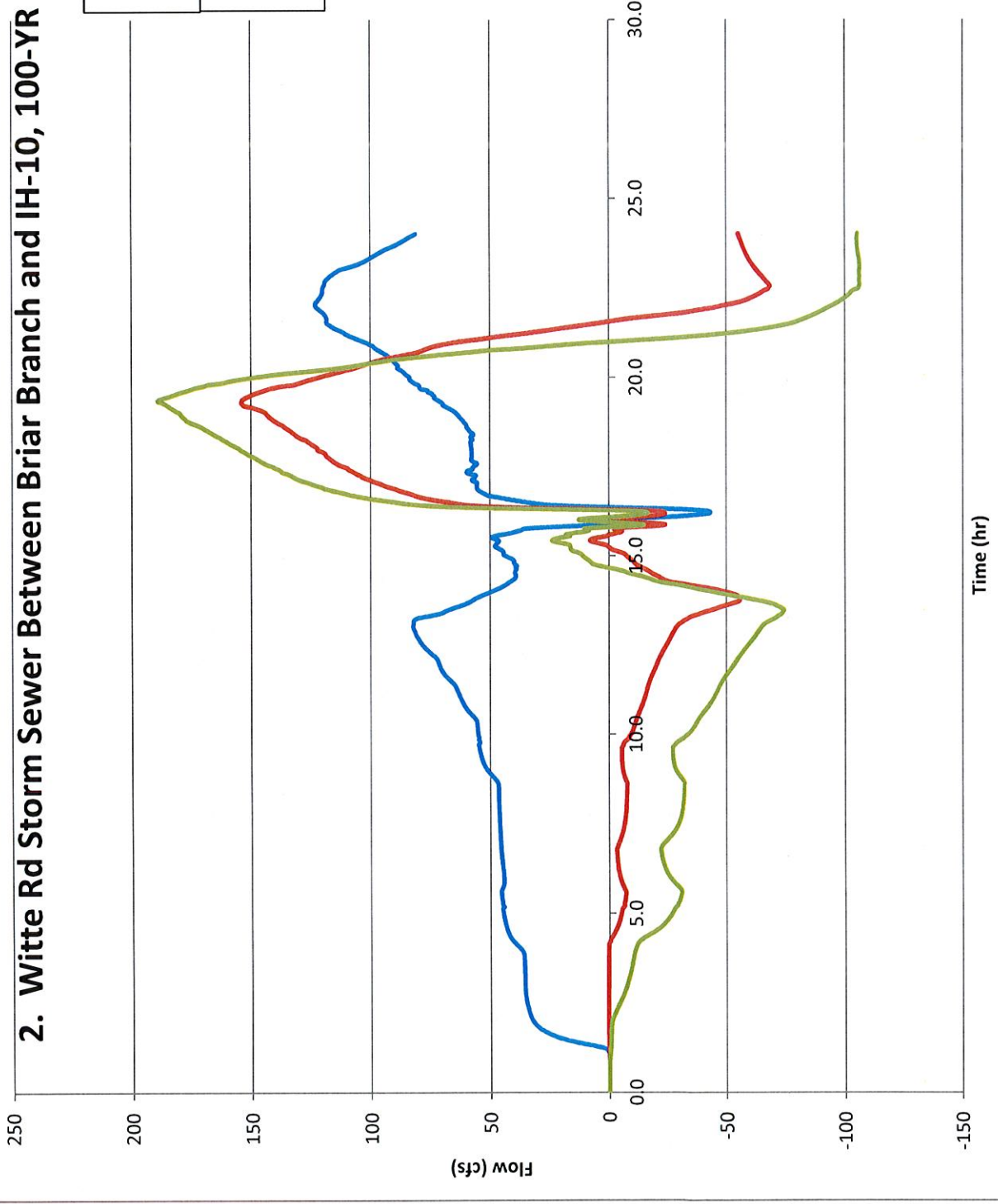
<b>100-Year Volume</b> Existing: 22.5 ac-ft Prop Ph2: 14.0ac-ft Prop Ph3: 12.4 ac-ft	<b>100-Year Peak Flow</b> Existing: 78 cfs Prop Ph2: 76 cfs Prop Ph3: 71 cfs
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- RevEx
- Prop Ph2
- Prop Ph3



## 2. Witte Rd Storm Sewer Between Briar Branch and IH-10, 100-YR FLOW

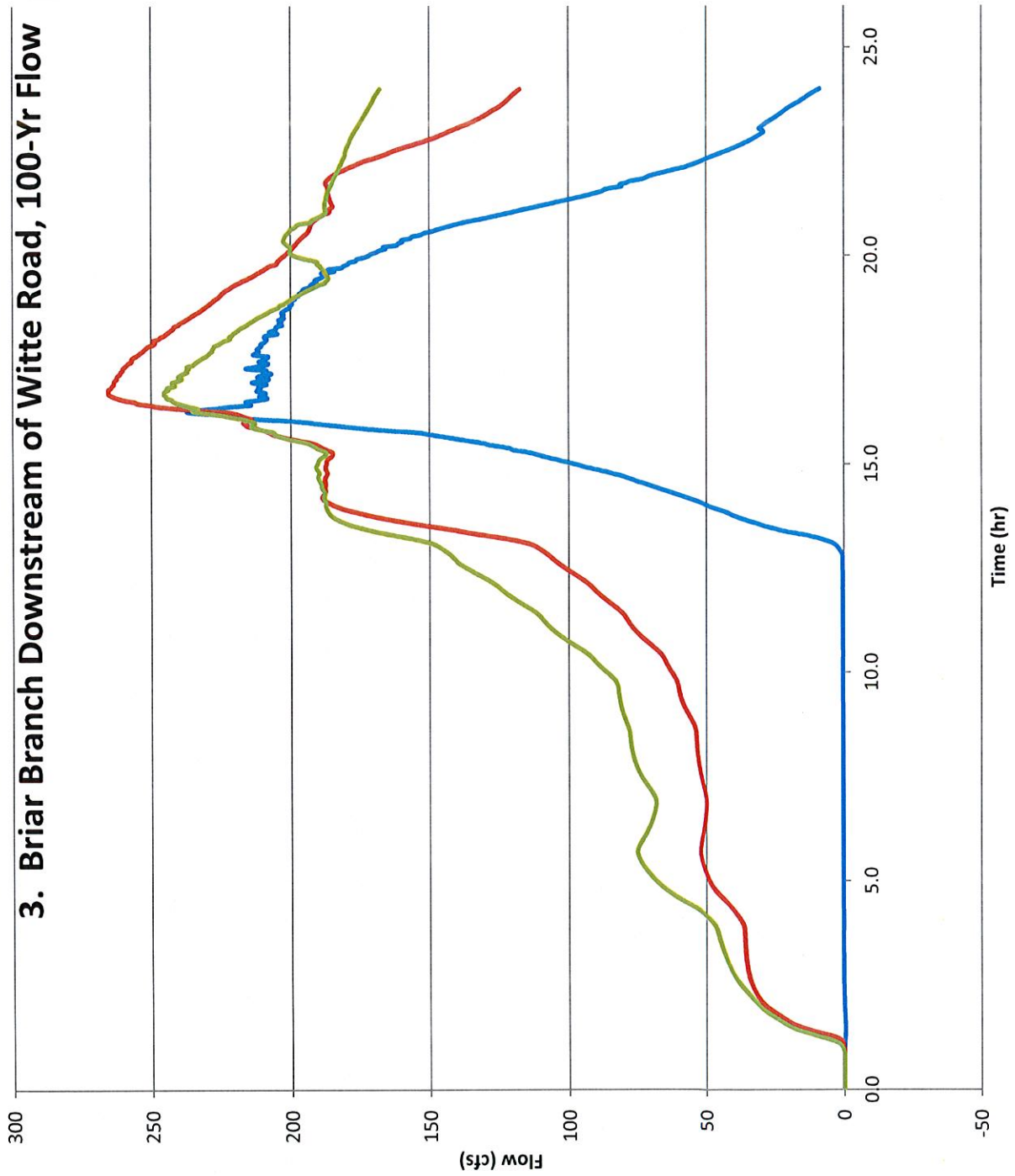
<b>100-Year Volume</b> Existing: 111.1 ac-ft Prop Ph2: 21.4 ac-ft Prop Ph3: -2.3 ac-ft	<b>100-Year Peak Flow</b> Existing: 123 cfs Prop Ph2: 154 cfs Prop Ph3: 189 cfs
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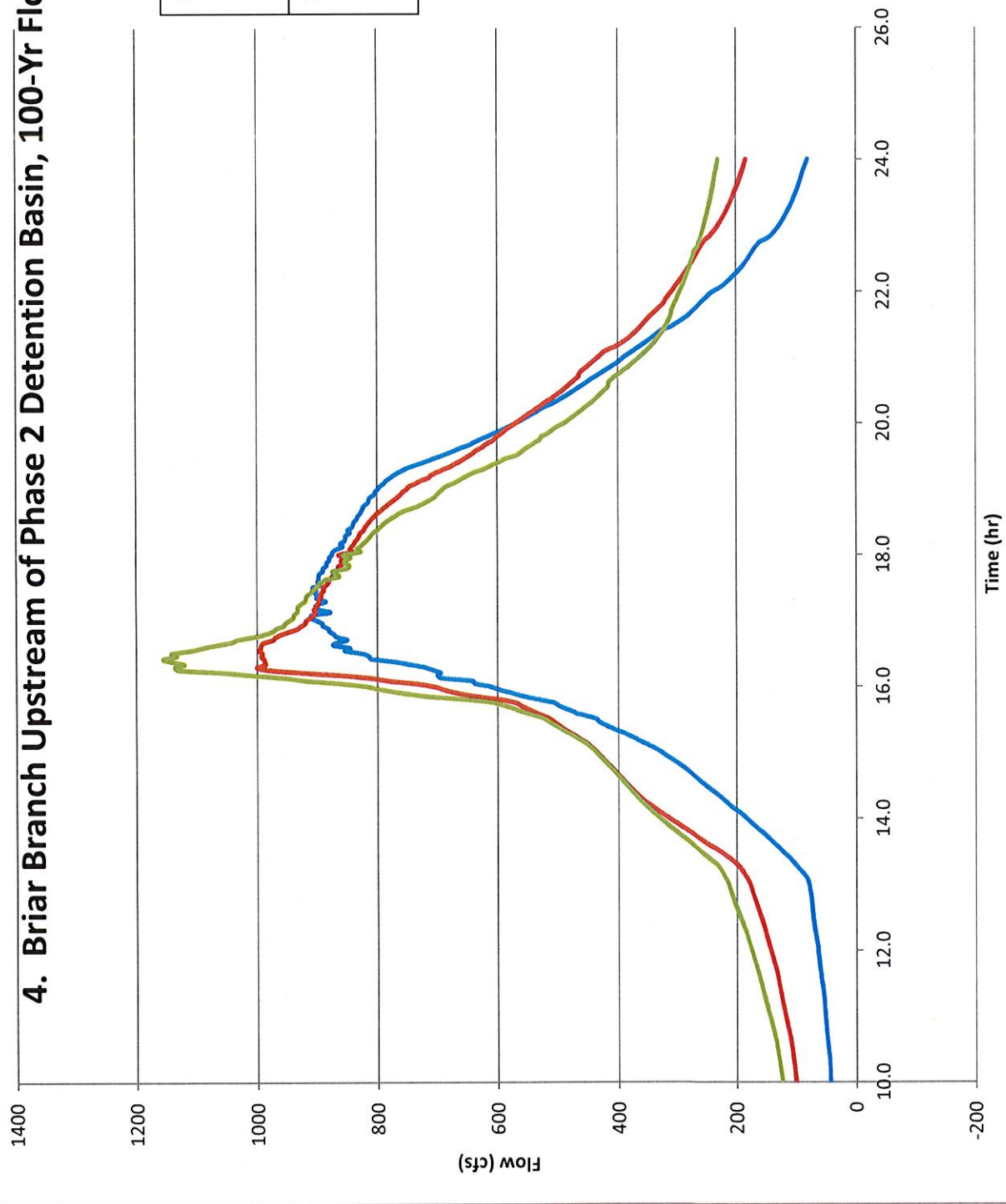
### 3. Briar Branch Downstream of Witte Road, 100-Yr Flow

<b>100-Year Volume</b> Existing: 112.6 ac-ft Prop Ph2: 231.9 ac-ft Prop Ph3: 252.1 ac-ft	<b>100-Year Peak Flow</b> Existing: 237 cfs Prop Ph2: 265 cfs Prop Ph3: 245 cfs
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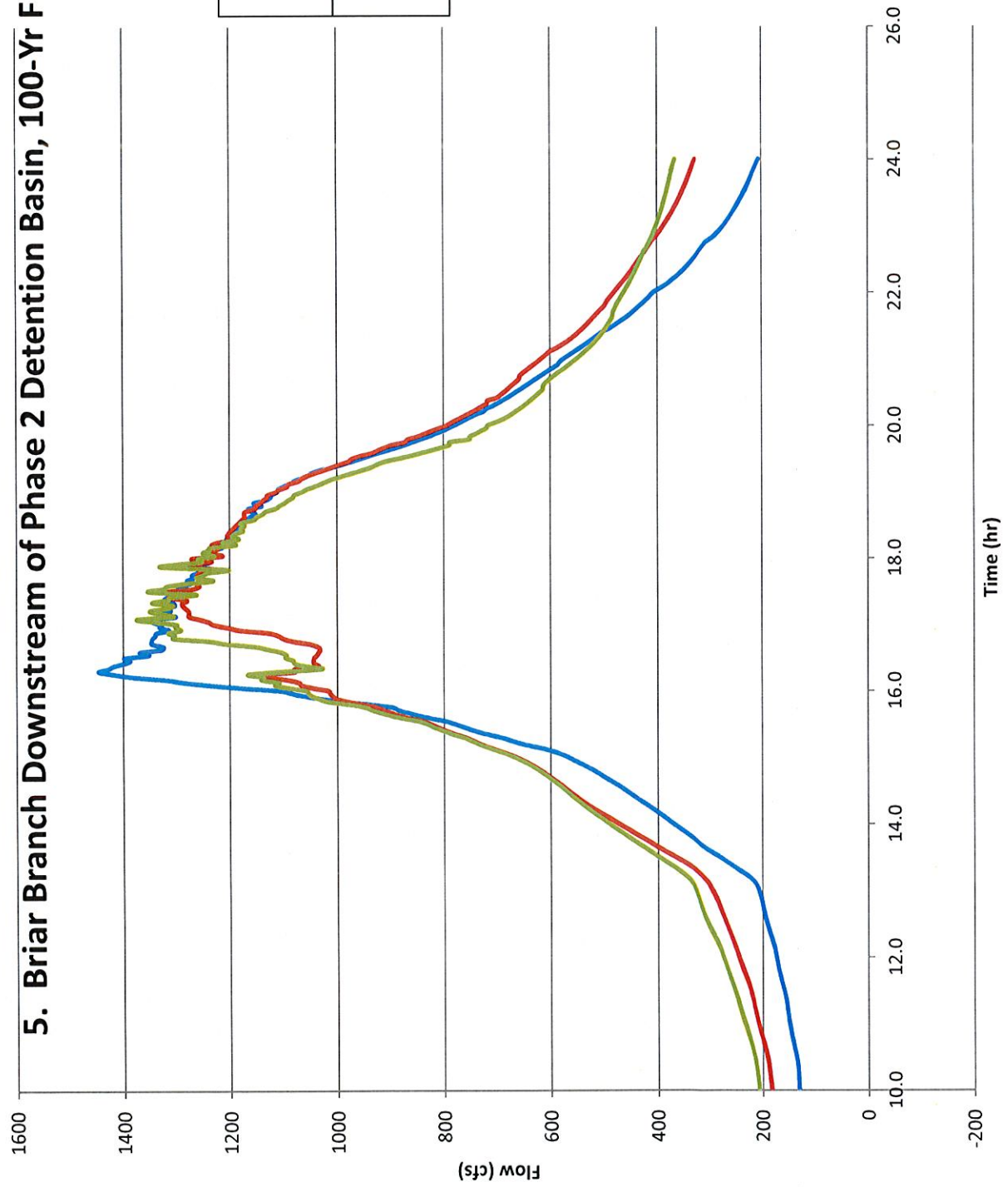
— RevEx  
— Prop Ph2  
— Prop Ph3



### 4. Briar Branch Upstream of Phase 2 Detention Basin, 100-Yr Flow

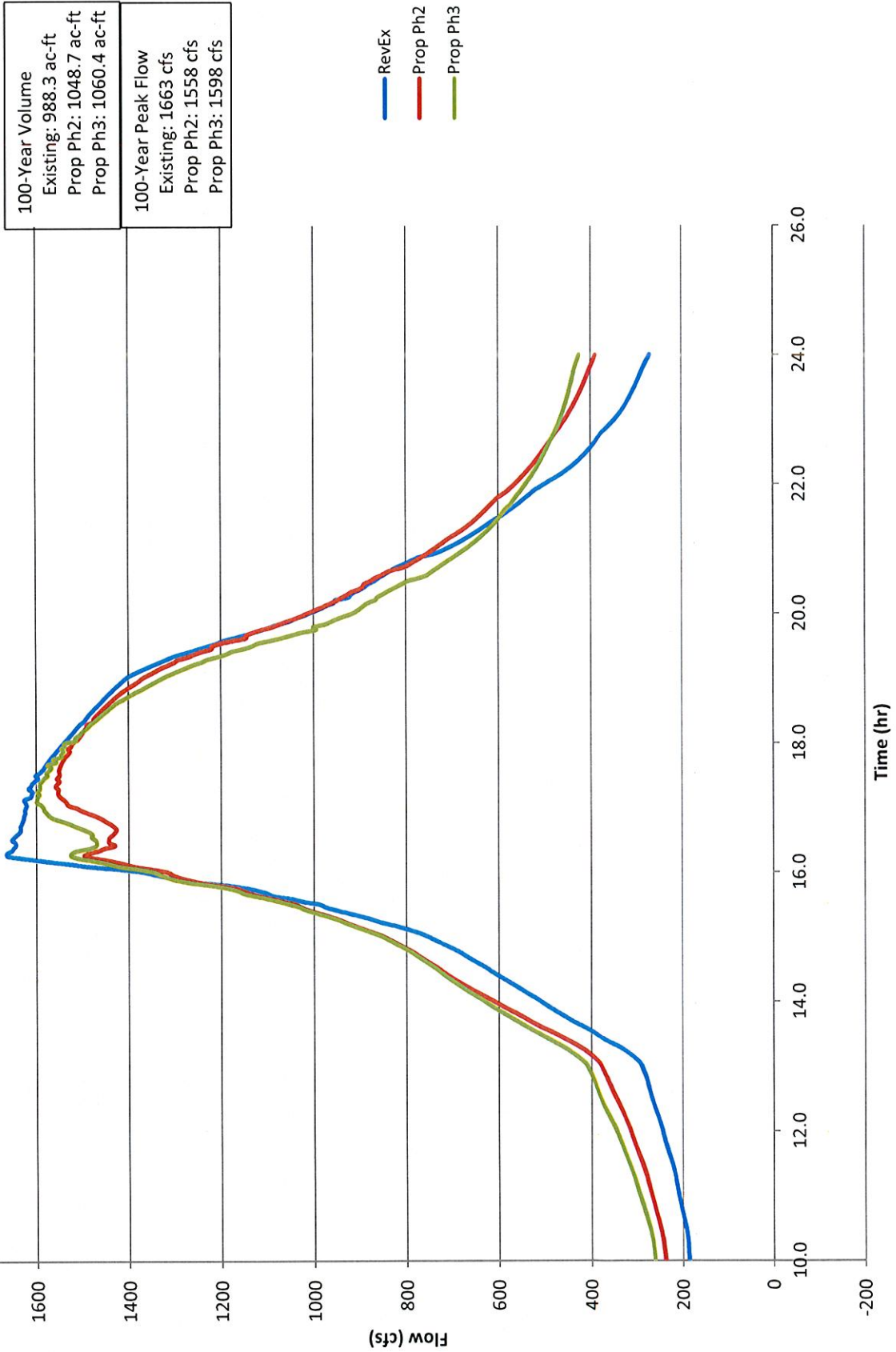


## 5. Briar Branch Downstream of Phase 2 Detention Basin, 100-Yr Flow





## 6. Briar Branch at City of Spring Valley Village, 100-Yr Flow







**Memorial City Redevelopment Authority**  
**8955 Katy Freeway, Suite 215**  
**Houston, Texas 77024**  
**713-829-5720**

EXECUTIVE DIRECTOR'S REPORT  
October 2014

**T-1709, Lumpkin Road Improvements.** The projected completion date has been revised from 09/28/2015 to 12/14/2015 per the attached schedule. The primary reasons for the 78 day increase are due to an extended construction schedule per the engineer's recommendation because of realized level of complexity. Currently the project is in the bidding and approval phase. We expect to mobilize in the next 30 to 60 days and be under construction no later than the first part of January.

**T-1717, Town & Country West Drainage and Mobility.** The projected completion dated has been revised from 02/29/2016 to 05/27/2016 per the attached schedule. The primary reasons for the 89 day increase are due to additional time required for the roundabout positioning analysis. Currently the project is in the detailed design phase. We anticipate starting construction the second half of 2015.

**T-1732A, North Gessner Road Improvements.** The projected completion date is 08/10/2016 per the attached schedule. This is for the roadway and drainage improvements from the I-10 feeder road to Westview. The preliminary engineering was done by LAN. Klotz Associates will start the detailed design phase II after the FY2015 budget is approved by City Council. We anticipate starting construction the second half of 2015.

**T-1734, W140 Channel Improvements.** The projected completion date has been revised from 03/15/2016 to 05/17/2016 per the attached schedule. The primary reasons for the 63 day increase are due to a longer than expected design period as a result of modeling conflicts and final positioning of "straws" inlets. We plan a special presentation to the Board of Directors in the next 30 to 45 days. Please see attached report from engineering consulting firm Klotz and Associates. We anticipate starting construction the spring of 2015.

**T-1738A, Memorial Drive Improvements.** The projected completion date is 08/10/2016 per the attached schedule. This is for the roadway and drainage improvements from the Beltway 8 east to Tallowood Drive. LAN will start the preliminary engineering after the FY2015 budget is approved by City Council. A public town hall meeting will be scheduled at the start of the design phase. We anticipate starting construction the second half of 2015.

CIP IN PROGRESS SCHEDULE - October 2014  
TIRZ 17 Redevelopment Authority

ID	Task Name	Finish	2014	2015	2016	2017
			H1 H2	H1 H2	H1 H2	H1 H2
1	<b>T-1709, Lumpkin Road Improvements</b>	<b>Mon 3/14/16</b>				
2	Approvals / Bidding	Fri 11/21/14				
3	Mobilization	Mon 1/5/15				
4	Construction	Mon 3/14/16				
5	Complete	Mon 3/14/16				
6	<b>T-1717, Town &amp; Country West</b>	<b>Fri 5/27/16</b>				
7	Board Approval of Phase II Design	Tue 7/29/14				
8	Roundabout Analysis	Fri 10/17/14				
9	Detailed Design	Fri 7/31/15				
10	Construction	Fri 5/27/16				
11	Complete	Fri 5/27/16				
12	<b>T-1732A, North Gessner Improvements</b>	<b>Wed 8/10/16</b>				
13	City Council Approves FY2015 Budget	Wed 11/5/14				
14	Detailed Design	Tue 4/28/15				
15	Construction	Wed 8/10/16				
16	Complete	Wed 8/10/16				
17	<b>T-1734, W140 Channel Improvements</b>	<b>Tue 5/17/16</b>				
18	Detailed Design	Mon 11/17/14				
19	Approvals	Thu 1/15/15				
20	Bidding	Mon 2/16/15				
21	Construction	Tue 5/17/16				
22	Complete	Tue 5/17/16				
23	<b>T-1738A, Memorial Drive Improvements</b>	<b>Thu 9/15/16</b>				
24	City Council Approves FY2015 Budget	Wed 11/5/14				
25	Preliminary Design	Thu 3/5/15				
26	Detailed Design	Tue 9/1/15				
27	Construction	Thu 9/15/16				
28	Complete	Thu 9/15/16				

**Memorial City Redevelopment Authority - TIRZ 17**  
**One-Page Monthly Consultant Report**

for: October, 2014

**PM: Muhammad Ali**  
**Project Number: 130-10384-021**  
**Lumpkin Roadway Reconstruction**

**Project Accomplishments:**

Item	Description	Date
1	Finalized Construction bid documents	October 3 <sup>rd</sup>
2	Submitted Final Mylar Construction Documents to City for Department Signatures	October 9 <sup>th</sup>
3	Finalized Project Manual & submitted to the City	October 17 <sup>th</sup>

**Ongoing Activities:**

Item	Description	Anticipated Completion
1	Preparing for Pre-bid and Post-bid procedures	November

Issues Impacting Schedule: N/A

---

**Project Number: 130-10384-022**  
**Town & Country West Mobility & Drainage Project**

**Project Accomplishments:**

Item	Description	Date
1	Initial drainage analysis completed & presented to board	September 30 <sup>th</sup>
2	Roundabout location finalized	October 17 <sup>th</sup>
3	Proposed right-of-way location finalized	October 20 <sup>th</sup>
4	Proceeding with Phase II project design	October 24 <sup>th</sup>

**Ongoing Activities:**

Item	Description	Anticipated Completion
1	Surveyor has been kicked off	November 14 <sup>th</sup>
2	Geotechnical Investigation has been kicked off	November 14 <sup>th</sup>

Issues Impacting Schedule: N/A



# Briar Branch Drainage Improvements

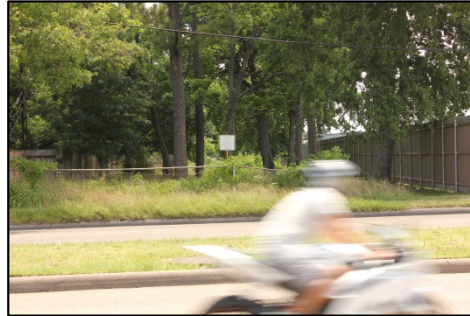
(W140-01-00)

TIRZ 17 CIP No. T-1734

Monthly Status Report  
October 2014

## Project Description

Engineering design services for the drainage and channel improvements and utility relocations along Briar Branch (HCFCD Unit W140-01-00) from the east side of Gessner Road, east to Oak Tree Drive and the east side of the TIRZ 17 Briar Branch Stormwater Detention Basin. The proposed project is identified in the TIRZ 17 five-year Capital Improvement Plan as TIRZ 17 CIP No. T-1734. The proposed improvements are based on the recommendations of the PER (LAN – Sept. 2013). The PER estimate of construction cost was approx. \$13M.




## 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 quality of life.

## Project Location

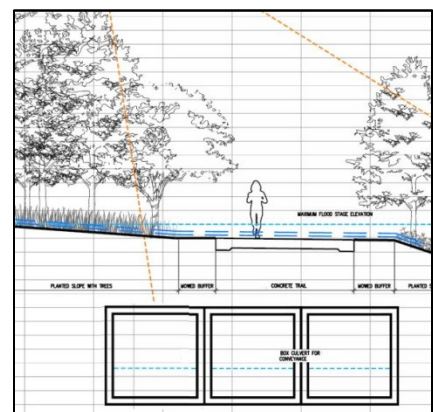
The improvements to Briar Branch are proposed to start east of Gessner Road and continue to the Briar Branch Detention Pond east of Bunker Hill Road.

klotz  associates

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

## Status Report

- The design plan and profiles continue to be developed based on maximum storage and conveyance within the available ROW. Previous draft plans and information obtained through the model have been incorporated.
- Refinements on the XP-SWMM model have occurred.
- Proposed typical sections were further refined for the project.
- Utility conflict/crossing relocation sheets were updated based on the proposed design.
- SWA (landscape architect) continues work on development of the landscape concept, design and plan sheets.
- Preliminary drawings were reviewed by CenterPoint Energy and CPE comments are being incorporated.



October 23, 2014

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

Re: Scope for Civil Engineering Services  
CIP # T-1735, Detention Basins

Dear Mr. Huml:

Klotz Associates, Inc. (Engineer) is pleased to submit this scope to TIRZ 17 (Client) in reference to CIP # T-1735, for civil engineering services to prepare a Feasibility Analysis in support of the evaluation and construction of a regional detention basin. The analysis will assist with the feasibility of the basin by reviewing, analyzing, and recommending alternatives for the connection to local streets, the layout / configurations of the basin, and the inclusion of amenities and/or park-like elements.

We proposed to complete the following tasks, in preparation of the Design and Construction Phase Services.

#### **SCOPE OF SERVICES**

- 1. Task #1 – Review Existing Data and Designs:** Obtain existing design and drainage reports, as-built construction plans, and any available topographic survey data for the existing streets and drainage system from the City of Houston, Metro National, and TIRZ 17. Review reports and compile updated existing condition system parameters (flow lines, top of bank elevations, and available depth).
- 2. Task #2 – Analyze Existing Drainage Conditions:** Utilizing data acquired in Task #1 and from the Regional Drainage Study (RDS), prepare a preliminary analysis of the storm sewer system for the existing 2-, 10-, and 100-yr flows. Evaluate capacity and velocities within the existing system to determine available depth and flow constraints.
- 3. Task #3 – Analyze Proposed Drainage Conditions:** Utilize the existing condition model to optimize potential modifications to the storm sewer to connect / divert flows into the proposed detention basin. Size a proposed outfall structure and evaluate its impacts. Evaluate the depth, volume, and diversion of flows able to be mitigated within the proposed detention basin.

Mr. Don Huml  
October 23, 2014  
Page 2 of 2

4. **Task #4 – Detention Volume Sizing & Configuration:** Evaluate proposed detention basin layout, configuration and volume, including assessment of potential layout options for additional volume and reduced outfall pipe length. Prepare plan view and cross section sketches of the gravity-drained proposed detention basin. Additional design considerations will be evaluated for potential amenities or park features that could be incorporated into the pond bottom for a dual use system in dry weather conditions for cost estimating purposes.
5. **Task #5 – Prepare Summary Report:** Prepare report for review by the Client to include summary of modeling output, recommendations for inflow and outfall pipes, layout and configuration, potential dual use features, and preliminary construction costs.

We appreciate the opportunity to present this scope, in the total amount of \$39,500, to the TIRZ 17. We anticipate completion of these tasks within 3 months of Authorization to Proceed. A breakdown of the tasks and a preliminary schedule is attached. If you need additional information in support of this proposal, please do not hesitate to contact Ed Conger, P.E. or myself at 281-589-7257.

Sincerely,



Gary Struzick, P.E.  
Vice-President

GLS:azm



**TIRZ 17 - CIP # T-1735 (FEASIBILITY)**  
**Regional Detention Basin**

	<i>Task</i>	<i>Days</i>	<i>Principal</i>	<i>Proj Mgr</i>	<i>Proj Engr</i>	<i>EIT</i>	<i>Budget</i>
1	Review	7	2	4	15	4	\$ 4,000
2	Existing	14	0	5	30	20	\$ 7,500
3	Proposed	14	0	5	30	25	\$ 8,000
4	Detention	14	0	5	40	40	\$ 11,000
5	Report	21	4	8	30	18	\$ 9,000
							<b>\$ 39,500</b>

J:\xxxx.001.000\01.00\01.01\ProjPlan.xls

10/21/14

			Mon	Tues	Wed	Thurs	Fri
1	Review	DEC	1	2	3	4	5
2	Existing		8	9	10	11	12
3	Existing		15	16	17	18	19
4	Proposed		22	23	24	25	26
5	<b>QA/QC (Model)</b>	JAN	29	30	<b>31</b>	1	2
6	Detention		5	6	7	8	9
7	Detention		12	13	14	15	16
8	Report		19	20	21	22	23
9	Report		26	27	28	29	30
10	<b>QA/QC (Report)</b>	FEB	2	3	4	5	6
11	<b>Submit to TIRZ</b>		9	10	11	<b>12</b>	13



October 22, 2014

Ann Givens, Chair of the Board  
Memorial City Redevelopment Authority  
8955 Katy Freeway, Suite 215  
Houston, Texas 77024

Attention: Mrs. Ann Givens,

**Re: Proposal to Provide Engineering Consulting Services to Memorial City Redevelopment Authority (MCRA) TIRZ17**

Dear Mrs. Givens,

Lockwood, Andrews and Newnam, Inc. (LAN) is pleased to submit this proposal for engineering consulting services. LAN will provide support services as requested and authorized by the Executive Director. LAN anticipates the scope of services to include various tasks to assist implementing the MCRA's capital improvement program such as planning meetings, public information development, and other miscellaneous tasks

Time will be billed on an hourly basis, not to exceed \$40,000.00, at the current rates shown on the attached rate sheet. The invoice for this task order will be submitted separately from the CIP task orders.

We are prepared to begin this work immediately and look forward to our continued relationship in assisting the MCRA in implementing their capital program. Please feel free to contact me at (713) 266-6900 if you have any questions or need additional information.

Sincerely,

Accepted for  
Memorial City Redevelopment Authority:

Muhammad Ali, P.E.  
Project Manager

\_\_\_\_\_  
Signature Date

MA: ju

Attachments: Exhibit A –  
Hourly Rate Schedule

\_\_\_\_\_  
Print

Accepted for City of Houston:

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Print



# Exhibit A



Memorial City Redevelopment Authority  
Approved Engineering Firms  
Standard Rate Sheet Matrix  
9/17/2013

	Classification	Rate
1	Principal	275
2	Sr. Project Manager	225
3	Project Manager	175
4	Construction Manager	170
5	Senior Project Engineer	165
6	Project Engineer	150
7	GIS Specialist	130
8	Graduate Engineer	120
9	Senior Designer	115
10	Inspector	110
11	Project Administrator	110
12	CADD Tech	90
13	Administrative Assistant	85
14	Clerical	65



END OF REPORT