MEMORIAL CITY REDEVELOPMENT AUTHORITY, TIRZ NO. 17,

City of Houston

TIRZ 17
REDEVELOPMENT
AUTHORITY

Agenda and Agenda Materials
Meeting of the Board of Directors

December 3, 2019

JOINT MEETING OF THE BOARD OF DIRECTORS OF THE TIRZ 17 REDEVELOPMENT AUTHORITY/MEMORIAL CITY REDEVELOPMENT AUTHORITY and TAX REINVESTMENT ZONE NUMBER SEVENTEEN HOUSTON, TEXAS

Notice is hereby given that the Board of Directors of the TIRZ 17 Redevelopment Authority (aka the Memorial City Redevelopment Authority) and the Tax Reinvestment Zone Number Seventeen, City of Houston, Texas, will hold a joint meeting on **Tuesday, December 3, 2019**, at **8:00 a.m.**, at Four Points by Sheraton, Wycliffe Room, 10655 Katy Freeway, Houston, Texas 77024, open to the public, to discuss and adopt such orders, resolutions or motions, and take direct or indirect actions as may be necessary, convenient, or desirable with respect to the following matters:

AGENDA

1. Establish quorum and call meeting to order.
2. Receive public comments. (A statement of no more than 3 minutes may be made on items of general relevance. There will be no yielding of time to another person. State law prohibits the Board Chair or members of the Board from deliberating a topic without an appropriate agenda item being posted in accordance with the Texas Open Meetings Law; therefore, questions or comments will not be addressed. Engaging in verbal attacks or comments intended to insult, abuse, malign or slander any individual shall be cause for termination of time privileges).
3. Approve Minutes of the November 7, 2019, special meeting.
4. Receive financial and bookkeeper's report, including payment of invoices, review of investments, and project cash flow reports.
5. Receive and consider FY2020 Budget.
6. CIP Committee:
    a. Project update and recommendations from Gauge Engineering, LLC.
        i. Consider Pay Application No. 11, Briar Branch Channel and Straws Improvements, from Reytec Construction in the amount of $1,189,375.93.
        ii. Consider Pay Application No. 12, Briar Branch Channel and Straws Improvements, from Reytec Construction in the amount of $259,471.52.
    b. Project update from LAN.
    c. Project update from The Goodman Corporation.
    d. Project update from SWA.
7. Convene in Executive Session pursuant to Section 551.071, Texas Government Code, to conduct a private consultation with attorney, with regard to pending or contemplated litigation; and Convene in Executive Session pursuant to Section 551.072, Texas Government Code, to deliberate the purchase, exchange, lease or value of real property.
8. Reconvene in Open Session and authorize appropriate actions regarding private consultation with attorney; and reconvene in Open Session and authorize appropriate actions with regard to the purchase, exchange, lease or value of real property.
9. Adjournment.

Executive Director for Authority

Persons with disabilities who plan to attend this meeting and would like to request auxiliary aids or services are requested to contact the Authority's Executive Director at (713) 595-1200 at least three business days prior to the meeting so that the appropriate arrangements can be made.

MEMORIAL CITY REDEVELOPMENT AUTHORITY TIRZ NO. 17,
TAX REINVESTMENT ZONE NO. 17
HOUSTON, TEXAS

AGENDA MEMORANDUM

TO: Memorial City Redevelopment Authority TIRZ No. 17 Board of Directors

FROM: Executive Director

SUBJECT: Agenda Item Materials

3. Approve minutes of the November 7, 2019 special meeting.

MINUTES OF THE SPECIAL JOINT MEETING OF THE TIRZ 17 REDEVELOPMENT AUTHORITY/MEMORIAL CITY REDEVELOPMENT AUTHORITY and TAX REINVESTMENT ZONE NUMBER SEVENTEEN, CITY OF HOUSTON, TEXAS BOARD OF DIRECTORS

November 7, 2019

ESTABLISH QUORUM AND CALL MEETING TO ORDER.

The Board of Directors of the TIRZ 17 Redevelopment Authority/Memorial City Redevelopment Authority and Tax Reinvestment Zone Number Seventeen, City of Houston, Texas, held a special joint meeting on Tuesday, November 7, 2019, at 10:00 a.m., at the Four Points by Sheraton, 10655 Katy Freeway, Wycliffe Room, Houston, Texas 77024, inside the boundaries of the TIRZ, open to the public, and the roll was called of the duly appointed members of the Board, to-wit:

Position 1 – Marshall B. Heins
Position 2 – John Rickel
Position 3 – David P. Durham
Position 4 – Ann T. Givens, *Chair*
Position 5 – Zachary R. Hodges
Position 6 – Brad Freels, *Vice-Chair*
Position 7 – Glenn E. Airola, *Secretary*

and all of the above were present, with the exception of Directors Heins, Givens, and Airola, thus constituting a quorum. Also present were Scott Bean, Hawes Hill & Associates, LLP, and Jessica Holoubek, Allen Boone Humphries Robinson, LLP. Others attending the meeting Council Member Greg Travis and Muhammad Ali of Gauge Engineering; Ricky Gonzalez. The meeting was called order 10:03 a.m.

RECEIVE PUBLIC COMMENTS.

Public comments were received from John Jackson and Lois Myers.

APPROVE MINUTES OF THE OCTOBER 29, 2019, MEETING.

Upon a motion duly made by Director Hodges, and being seconded by Director Durham, the Board voted unanimously to approve the Minutes of the October 29, 2019, Board meeting, as presented.

RECEIVE AND CONSIDER FY2020 BUDGET.

This item was tabled.

DISCUSS SBISD INFORMATION REQUEST; AND TAKE APPROPRIATE ACTION.

Mr. Rickel reviewed with the Board the request for information received from Spring Branch Independent School District dated September 19, 2019. Ms. Holoubek reviewed with them the brief filed with the Texas Attorney General's office to request withholding certain information, including information that is subject to attorney-client privilege and the intra-agency deliberation exception of the Texas Public Information Act.

Upon a motion duly made by Director Rickel, and being seconded by Director Hodges, Directors Rickel, the Board voted to waive attorney-client privilege and make all information requested by Spring Branch Independent School District public. The motion passed with Hodges and Durham voted to approve, and Director Freels voting against. The Board then directed Ms. Holoubek to release all requested information to Spring Branch Independent School District.

ADJOURNMENT.

There being no further business to come before the Board, the meeting was adjourned at 10:26 a.m.

_____

Secretary

MEMORIAL CITY REDEVELOPMENT AUTHORITY TIRZ NO. 17,
TAX REINVESTMENT ZONE NO. 17
HOUSTON, TEXAS

AGENDA MEMORANDUM

TO: Memorial City Redevelopment Authority TIRZ No. 17 Board of Directors

FROM: Executive Director

SUBJECT: Agenda Item Materials

4. Receive the financial and bookkeeper's report, including payment of invoices, review of investments, and project cash flow reports.

Memorial City Redevelopment Authority
Cash Management Report
October 31, 2019

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, 2020

Summary

Current Activity	Memorial City Redevelopment Authority			
	General Fund	Capital Projects	Debt Service	Total
Beginning Balance	6,381,019.60	0.00	421,595.87	6,802,615.47
Revenue	10,100.70	0.00	663.19	10,763.89
Expenditures	1,750,285.78	0.00	0.00	1,750,285.78
Ending Balance	4,640,834.52	0.00	422,259.06	5,063,093.58

NOTES:

Debt Service Payments due in Fiscal Year End 2020:

Date	Series	Principal	Interest	Total
9/1/2019	2008	535,000.00	11,903.75	546,903.75
9/1/2019	2011R	645,000.00	107,916.00	752,916.00
9/1/2019	2011A	2,045,000.00	122,718.75	2,167,718.75
9/1/2019	2016R	120,000.00	213,526.00	333,526.00
3/1/2020	2008		0.00	0.00
3/1/2020	2011R		96,048.00	96,048.00
3/1/2020	2011A		83,352.50	83,352.50
3/1/2020	2016R		212,080.00	212,080.00
			Total FYE 2020	**4,192,545.00**

General Operating Fund

BEGINNING BALANCE:		**6,381,019.60**
REVENUE:		
City of Houston Increment	0.00	
Checking Interest - Wells Fargo	61.17	
Texpool Interest	2,710.24	
Wells Fargo/TexSTAR (Surplus Funds) Interest	6,315.69	
Texas Exchange CD Interest	1,013.60	
Voided Check(s)	0.00	
Total Revenue:		**10,100.70**
DISBURSEMENTS:		
Checks Presented At Last Meeting	1,745,285.78	
Checks Written at/after Last Meeting	5,000.00	
3029 Omnicap Group LLC $5,000.00		
Total Expenditures		**1,750,285.78**
Ending Balance:		**4,640,834.52**

Location of Assets:

Institution	Investment Number	Interest Rate	
Wells Fargo Checking	*5490	0.1800	146,388.02
TexPool	*0001	1.9115	1,672,134.31
Wells Fargo/TexSTAR	TexSTAR Surplus Funds	1.7552	2,572,312.19
Texas Exchange Bank CD	*3601	2.2500	250,000.00
		Total	**4,640,834.52**
Certificate of Deposit	CD *3601	Term: 12 Months	Matures: 09/28/2020

Memorial City Redevelopment Authority
Checks Presented
December 3, 2019

Num	Name	Description	Amount
3030	Equi-Tax, Inc	Tax Assessor Fee	-400.00
3031	ETI Bookkeeping Services	Bookkeeping Fee	-1,046.00
3032	Gauge Engineering, LLC	Engineering Fee	-131,866.00
3033	Hawes Hill & Associates	Professional Consultant	-17,000.00
3034	Lockwood, Andrews & Newman, Inc.	Town & Country Drain	-2,156.22
3035	McCall Gibson Swedlund Barfoot PLLC	Preliminary Official Statement Bond 2019	-1,500.00
3036	McGrath & Co., PLLC	FYE 2019 Audit	-500.00
3037	Reytec Construction Resources, Inc.	Briar Branch Channel & Straws	-1,448,847.45
3038	SWA Group	Engineering Fee	-24,475.36
3039	The Goodman Corporation Inc	Contract Services	-14,300.00
Total			-1,642,091.03

Debt Service Fund

BEGINNING BALANCE		**421,595.87**
REVENUE		
TexPool DSF Interest	13.27	
Wells Fargo/TexSTAR (2008 DSF) Interest	634.90	
Wells Fargo/TexSTAR (2008 Pled Rev) Interest	15.02	
Total Revenue		**663.19**
EXPENDITURES		
Debt Service Interest Payment	0.00	
Debt Service Principal Payment	0.00	
Trustee Fee	0.00	
Total Expenditures		**0.00**
ENDING BALANCE		**422,259.06**

Location of Assets:

Institution	Investment Number	Interest Rate	Current Balance
Wells Fargo *4601	TexSTAR 2008 DSF	1.7552	404,490.33
Wells Fargo *4600	TexSTAR 2008 Pledged Rev	1.7552	9,561.37
TexPool	*0004	1.9115	8,207.36
		Total	**422,259.06**

Memorial City Redevelopment Authority
Investment Report
October 31, 2019

SCHEDULE OF INVESTMENTS

Investment Pools

Fund	Location Of Assets	Interest Rate	Beginning Balance Market	Beginning Balance N.A.V.	Beginning Balance Book	Interest Earned	Deposits or (Withdrawals)	Ending Balance Market	Ending Balance N.A.V.	Ending Balance Book
GOF	TexPool	1.9115	1,669,540.93	1.00007	1,669,424.07	2,710.24	(0.00)	1,672,301.52	1.00010	1,672,134.31
DSF	TexPool	1.9115	8,194.66	1.00007	8,194.09	13.27	0.00	8,208.18	1.00010	8,207.36
GOF	Wells Fargo/ TexStar	1.7552	4,165,838.19	0.999962	4,165,996.50	6,315.69	(1,600,000.00)	2,572,201.58	0.999957	2,572,312.19
DSF	Wells Fargo/ TexStar DSF	1.7552	403,840.08	0.999962	403,855.43	634.90	0.00	404,472.94	0.999957	404,490.33
DSF	Wells Fargo/ TexStar PI Rev	1.7552	9,545.99	0.999962	9,546.35	15.02	0.00	9,560.96	0.999957	9,561.37

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	2.2500	245,000.00	12 Months	9/28/2020	250,000.00	(1,013.60)	1,013.60	250,000.00

Demand Accounts

Fund	Location Of Assets	Interest Rate	Purchase Date	Beginning Balance	Interest Earned	Deposits or (Withdrawals)	Ending Balance
GOF	Wells Fargo	0.18	6/8/2015	295,599.03	61.16	(149,272.17)	146,388.02

Collateral Pledged In Addition to FDIC

Depository Institution	Total Funds On Deposit	Custodial Institution	Securities Pledged	Collateral Description	Par Value	Market Value
Wells Fargo	146,388.02	BNYM	2,190,414	WU2246	1,579,260	1,636,383

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. I hereby certify that pursuant to the Senate Bill 253 and in connection with the preparation of this investment report, I have reviewed the divestment lists prepared and maintained by the Texas Comptroller of Public Accounts, and the District does not own direct or indirect holdings in any companies identified on such lists.

Bookkeeper

Investment Officer

Investment Officer	Date Assumed Office	Training Completed
Kenneth Byrd	8/6/2015	10/27/2018

Memorial City Redevelopment Authority
Profit & Loss Budget vs. Actual
October 2019

	October			Year To Date(4 Months)			Annual
	Actual	Budget	Variance	Actual	Budget	Variance	Budget
Income							
1000 · Income							
6001 · City Tax Revenue	0	0	0	15,116,144	18,940,967	-3,824,823	18,940,967
8223 · Interest Income	10,306	3,081	7,225	104,600	12,323	92,277	36,969
8930 · Bond Proceeds	0	0	0	0	0	0	36,000,000
Total 1000 · Income	10,306	3,081	7,225	15,220,744	18,953,290	-3,732,546	54,977,936
6-4320 · Increment Collections	0	0	0	0	0	0	0
Total Income	10,306	3,081	7,225	15,220,744	18,953,290	-3,732,546	54,977,936
Expense							
3335 · Management Consulting Services							
6320 · Legal	0	6,250	-6,250	9,259	25,000	-15,741	75,000
6322 · Eng Consultant/General Prof.Svc	0	5,000	-5,000	8,530	20,000	-11,470	60,000
6323 · Legal Litigation	0	0	0	0	0	0	0
6337 · Construction Audit	0	0	0	3,500	0	3,500	5,000
6343 · Other	0	0	0	0	0	0	0
Total 3335 · Management Consulting Services	0	11,250	-11,250	21,289	45,000	-23,711	140,000
5650 · Transfers							
6420 · COH Administration Fee	0	0	0	0	947,048	-947,048	947,048
6430 · Municipal Services	0	0	0	0	0	0	1,766,619
Total 5650 · Transfers	0	0	0	0	947,048	-947,048	2,713,667
5706 · Debt Service							
5707 · Principal	0	0	0	3,345,000	3,220,000	125,000	3,220,000
5708 · Interest	0	0	0	456,065	487,125	-31,060	1,570,038
5710c · Trustee Fee	0	0	0	850	9,500	-8,650	9,500
Total 5706 · Debt Service	0	0	0	3,801,915	3,716,625	85,290	4,799,538
6300 · Administration & Overhead							
6321 · Auditor	500	10,000	-9,500	21,250	20,500	750	20,500
6333 · Bookkeeping/Accounting	1,800	958	842	6,025	3,833	2,192	11,500
6340 · Administration Salaries/Benefit	17,000	8,500	8,500	42,500	34,000	8,500	102,000
6344 · Bond Svcs/Trustee/FA	1,500	367	1,133	40,656	1,467	39,189	4,400
6353 · Insurance	0	1,000	-1,000	961	1,000	-39	1,000
Total 6300 · Administration & Overhead	20,800	20,825	-25	111,392	60,800	50,592	139,400
7000 · Capital Expenditure							
1709 · Lumpkin I-10 Westview	0	0	0	0	0	0	0
1717 · Town & Country W. Drain/Mobil	2,156	379,131	-376,975	6,689	1,516,522	-1,509,833	4,549,566
1725 · Parks & Green Space Improv.	0	10,417	-10,417	0	41,667	-41,667	125,000
1731A · Detention Basin & W-140 Bridge	0	0	0	2,622	0	2,622	0
1731B · Memorial Drainage & Mobility	0	0	0	0	0	0	0
1732A · N Gessner Drainage & Mobility	13,369	18,092	-4,723	12,371,647	72,367	12,299,280	217,100
1734 · W140 Channel Improvements	1,558,795	526,250	1,032,545	7,148,003	2,105,000	5,043,003	6,315,000
1735A · Detention Basin A	21,918	500,000	-478,082	41,544	2,000,000	-1,958,456	6,000,000
1738 · T&C Way Partners, LLC	0	147,583	-147,583	284,950	590,333	-305,383	1,771,000

October 2019 FYE 2020 Budget based on FYE 2019 Numbers
FYE 2020 Budget not approved by COH as of 10/31/2019

October 31, 2019

Memorial City Redevelopment Authority
Profit & Loss Budget vs. Actual
October 2019

	October			Year To Date(4 Months)			Annual
	Actual	Budget	Variance	Actual	Budget	Variance	Budget
1738A · Memorial Dr Drain & Mobility 1	25,407	33,333	-7,926	365,710	133,333	232,377	400,000
1738B · Memorial Dr Drain & Mobility 2	0	4,167	-4,167	656	16,667	-16,011	50,000
1799 · Concrete Panel Replace Program	0	5,000	-5,000	0	20,000	-20,000	60,000
Total 7000 · Capital Expenditure	1,621,645	1,623,973	-2,328	20,221,821	6,495,889	13,725,932	19,487,666
Total Expense	1,642,445	1,656,048	-13,603	24,156,417	11,265,362	12,891,055	27,280,271
Net Income	**-1,632,139**	**-1,652,967**	**20,828**	**-8,935,673**	**7,687,928**	**-16,623,601**	**27,697,665**

October 2019 FYE 2020 Budget based on FYE 2019 Numbers
FYE 2020 Budget not approved by COH as of 10/31/2019

October 31, 2019

ETI Bookkeeping Services

PO BOX 73109
Houston, TX 77273

Invoice

Date	Invoice #
11/1/2019	8663

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

Description	Qty	Rate	Amount
Bookkeeping		1,000.00	1,000.00
Couriers		46.00	46.00

Total	$1,046.00
Payments/Credits	$0.00
Balance Due	$1,046.00

Code # 6333
11/13/2019

Equi-Tax Inc.

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

Invoice

DATE	INVOICE #
11/1/2019	54616

BILL TO
TIRZ No. 17 - Memorial City RDA c/o ETI Bookkeeping Services Suite 108 17111 Rolling Creek Drive Houston TX 77090

DESCRIPTION	AMOUNT
Monthly Consultant Services fee per Contract	400.00
Invoice emailed to: Michelle Lofton at bkp1@etiaccounting.com Scott Bean at sbean@haweshill.com Linda Clayton at lclayton@haweshill.com	

Total	$400.00

Code # 6333
11/13/2019

Please make checks payable to:
Gauge Engineering, LLC
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Please send ACH/Wire payments to:
Amegy Bank
Routing No.: 113011258
Account No.: 5797315123

11/30/2019

Scott Bean - Executive Director
Memorial City Redevelopment Authority/TIRZ 17
9610 Long Point Road, Suite 150
Houston, TX 77055

Project Name: W140 Channel Improvements Construction (T-1734 T-1734B)
Project No. 1005
Professional Services: from October 19, 2019 to November 30, 2019
Contract Type: Lump Sum
Invoice Number: 013

Task Name	Contract Amount	Percent Complete	Remaining Contract Amount	Total Invoiced to Date	Previously Invoiced	Current Payment Due
Construction Mgmt & Inspection	$725,500	51.35%	$352,956	$372,544	$310,877	$61,667
Construction Phase Services	$217,900	46.40%	$116,794	$101,106	$84,545	$16,560
Construction Materials Testing (Aviles)	$488,000	43.00%	$278,160	$209,840	$178,120	$31,720
Add Services						
Straw Extension Evaluation & Design	$95,235	18.00%	$78,093	$17,142	$17,142	$0
Access Road Design	$83,000	40.00%	$49,800	$33,200	$33,200	$0

Total This Invoice: **$109,948**

Billings to Date:	Current	Prior	Total
Construction Mgmt & Inspection	$61,667	$310,877	$372,544
Construction Phase Services	$16,560	$84,545	$101,106
Construction Materials Testing (Aviles)	$31,720	$178,120	$209,840
Add Services			
Straw Extension Evaluation & Design	$0	$17,142	$17,142
Access Road Design	$0	$33,200	$33,200

I certify the above to be true and correct

Muhammad Ali - PE

Code # 1734
11.21.2019

Please make checks payable to:
Gauge Engineering, LLC
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Please send ACH/Wire payments to:
Amegy Bank
Routing No.: 113011258
Account No.: 5793771931

11/30/2019

Scott Bean - Executive Director
Memorial City Redevelopment Authority/TIRZ 17
9610 Long Point Road, Suite 150
Houston, TX 77055

Project Name: Preliminary Engineering Services for Detention Basin A – (T-1735B)
Project No. 1007
Professional Services: from October 28, 2019 to November 30, 2019
Contract Type: Lump Sum
Invoice Number: 011

Task Name	Contract Amount	Percent Complete	Remaining Contract Amount	Total Invoiced to Date	Previously Invoiced	Current Payment Due
Preliminary Engineering	$347,900	89.30%	$37,225	$310,675	$288,757	$21,918

Total This Invoice: **$21,918**

Billings to Date:	Current	Prior	Total
	$21,918	$288,757	$310,675

I certify the above to be true and correct

Muhammad Ali

Code # 1735
11.21.2019

HAWES HILL & ASSOCIATES LLP

11/13/2019

Invoice #: 43016174

Bill To:

Memorial City Redevelopment Authority/TIRZ #17
PO Box 22167
Houston, TX 77227-2167

Balance Due: $8,500.00

DESCRIPTION	Amount
Professional consulting and administration fee, December 2019	$8,500.00

Terms: C.O.D. **Total** $8,500.00

Hawes Hill & Associates, LLP, P.O. Box 22167, Houston TX 77227-2167
713-595-1200 FEIN 76-0565638

Code # 6340 11/13/2019

HAWES HILL & ASSOCIATES LLP

11/7/2019

Invoice #: 43016166

Bill To:

Memorial City Redevelopment Authority/TIRZ #17
PO Box 22167
Houston, TX 77227-2167

Balance Due: $8,500.00

DESCRIPTION	Amount
Professional consulting and administration fee, November 2019	$8,500.00

Terms: C.O.D. **Total** $8,500.00

Hawes Hill & Associates, LLP, P.O. Box 22167, Houston TX 77227-2167
713-595-1200 FEIN 76-0565638

Code # 6340
11/13/2019

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

PLEASE NOTE NEW REMIT ADDRESS:
Please make checks payable to:
Lockwood, Andrews & Newnam, Inc.
PO Box 30065
Omaha, NE 68103-1165
T: 713-266-6900

ACH/Wire Payments can be sent to:
First National Bank
Account: 110390778
Routing: 104000016

INVOICE

Scott Bean
Memorial City Redevelopment Authority, TIRZ 17
9618 Long Point Dr., Suite #150
Houston, TX 77055

October 28, 2019
Invoice No: 120-11972-004-22

(T-1717) Town and Country Improvements - Construction Phase
WBS No. N-T17000-0017-4

Professional Services from March 09, 2019 through October 04, 2019

Project Name	Original Contract Amount	Total To Date	Previously Invoiced To Date	Current Payment Due	Remaining Fee
Construction Phase Services	$80,000.00	$80,000.00	$80,000.00	$0.00	$0.00
Construction Phase Add Services	$40,000.00	$40,000.00	$40,000.00	$0.00	$0.00
Construction Mgmt and Inspection Services	$425,300.00	$425,300.00	$425,300.00	$0.00	$0.00
Construction Materials Testing Services	$268,600.00	$227,782.24	$225,626.02	$2,156.22	$40,817.76
Total	**$813,900.00**	**$773,082.24**	**$770,926.02**	**$2,156.22**	**$40,817.76**

CURRENT PAYMENT DUE THIS INVOICE: $2,156.22

	Current	Prior	Total
Billings to Date	$2,156.22	$770,926.02	$773,082.24

Authorized by: Ricky Cooper Date: 10-28-19

Code # 1717
10/28/2019

McCALL GIBSON SWEDLUND BARFOOT PLLC
Certified Public Accountants

13100 Wortham Center Drive
Suite 235
Houston, Texas 77065-5610
(713) 462-0341
Fax (713) 462-2708
E-Mail: mgsb@mgsbpllc.com

9600 Great Hills Trail
Suite 150W
Austin, Texas 78759
(512) 610-2209
www.mgsbpllc.com

November 6, 2019

TIRZ 17 Redevelopment Authority
BTI Bookkeeping Services
17111 Rolling Creek, Suite 200
Houston, TX 77090

Client Number: 574-00

For services rendered in November 2019 to include the review of the District's Preliminary Official Statement for the sale of the Tax Increment Contract Revenue and Refunding Bonds, Series 2019, returning comments to the financial advisor relating to same, and providing written authorization for publication of the audit report in the above referenced publication. Services also include procedures required by Statement on Auditing Standards No. 133 – Auditor Involvement with Exempt Offering Documents, which are designed to identify events occurring between the date of the last auditor's report and the date of the distribution, circulation, or submission of the exempt offering document that, had they been known to the auditor as of the date of the auditor's report, may have caused the auditor to revise the auditor's report. These procedures include, but are not limited to, the following: reading all available minutes, obtaining and reviewing a copy of the most recent bookkeeping report and obtaining an updated written representation letter from the board.

Total Due $ 1,500.00

Member of
American Institute of Certified Public Accountants
Texas Society of Certified Public Accountants

Code # 6344
11/13/2019

McGrath & Co., PLLC
PO Box 270148
Houston, TX 77277 US
mark@mcgrath-co.com

BILL TO
Memorial City District/TIRZ #17
c/o Equi-Tax, Inc.
17111 Rolling Creek Dr, Suite 200
Houston, Texas 77090

INVOICE # 2053
DATE 11/08/2019
DUE DATE 12/23/2019
TERMS Net 45

DESCRIPTION	AMOUNT
Final billing regarding preparation of the District's financial statements and related audit schedules for the year ended June 30, 2019 and presentation to the Board of Directors.	500.00

BALANCE DUE **$500.00**

Code # 6321
11/13/2019

Gauge ENGINEERING

November 20, 2019

Scott Bean
Memorial City Redevelopment Authority/TIRZ 17
9810 Long Point, Suite 150
Houston, Texas 77055

Reference: Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage Improvements
Gauge Project No.: 1005
WBS No. N-T17000-0018-3 (T-1734 & T-1734B)
Reytec Construction Resources, Inc. Payment No. 11

Dear Mr. Bean:

Reytec Construction Resources, Inc. (Reytec) has submitted estimate No. 11 in the amount of $1,189,375.93 for construction services rendered through October 31, 2019. Based on our review, Reytec has complied with all requirements stated in the estimate and we recommend payment of $1,189,375.93 to Reytec.

The following billing information is to be used for payment:

Reytec Construction Resources, Inc.
1901 Hollister St.
Houston, TX 77080

If you have any questions or require additional information, please feel free to contact me at (832) 318-8800.

Sincerely,

Muhammad Ali, P.E.
Project Manager

Enclosures: Reytec Pay Est. No. 11

Code # 1734
11-21-2019

Estimate No. 11
Cut off Date 10/31/19
Estimate Date 11/06/19

Memorial City Redevelopment Authority/TIRZ 17
Estimate and Certificate for Payment Unit Price Work

Gauge

Project Name : Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage
Contractor Name : Reytec Construction Resources, Inc.
Address : 191 Hollister St., Houston, Texas 77080

WBS No. N-T17000-0018-3 (T-1734 & T-1734B)

Contract Date : 11/31/2018
Start Date : 12/17/2018
Current Contract Completion Date : 12/21/2020
Substantial Completion Date :
Percentage By Time : 43.27% In Place : 76.77%
Date Insurance Exp.: 10/16/2020 Drug Policy Due Date: N/A Current M/WBE : 11.43%

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time	:	714
Approved Extensions	:	0
Total Contract Time	:	735
Days Used to Date	:	318
Days Remaining to Date	:	417
Schedule Update	:	10/24/2019

CONTRACT AMOUNT TO DATE :

1- Original Contract Amount — $18,794,857.00

2- Approved Change Orders

No.	Date	Ext.Days	Amount
1		21	$225,362.50

Total Approved Extentions 21 — Total Change Orders to Date $225,362.50

3- Approved Work Change Directives

No.	Date	Ext.Days	Amount

Total Pending Work Change Directives to Date $0.00

TOTAL CONTRACT AMOUNT (excludes WCDs) $19,020,219.50

A. EARNINGS TO DATE

1- Work Completed to Date	76.77% Complete	Current Month Billing	$1,261,974.67
			$14,602,735.71
2- Material Stored on Site	$0.00		
3- Material Stored in Place	$0.00		
4- Balance-Materials Accepted Not in Place	$0.00	@ 85%	$0.00
5- Work Change Directives - In Place			$0.00

TOTAL EARNINGS TO DATE $14,602,735.71

B. DEDUCTIONS

1- Retainage	5%	Of	$14,602,735.71	$730,136.79	
2- Retainage Release	0%	Of	$14,602,735.71	$0.00	
3- Total Retainage					$730,136.79
4- Liquidated Damages		0.00	Days @ $5,000.00		$0.00
5- Assessments					$0.00
6- Inspector Overtime Costs					$0.00

TOTAL DEDUCTIONS $730,136.79

C. AMOUNT DUE THIS PERIOD

1- Total Earnings to Date	$14,602,735.71
2- Total Deductions	$730,136.79
3- Total Payments Due	
4- Less Previous Payments	$13,872,598.92
5- Restoration Adjustment	$12,583,222.98
	$0.00

TOTAL AMOUNT DUE CONTRACTOR THIS DATE $1,189,375.93
BALANCE REMAINING $4,417,583.79

Prepared By: Karam Caddo, P.E. — 11/15/2019 Date

Reviewed By: Muhammad Ali, P.E. — 11/20/2019 Date

Approved By: Scott Bean, TIRZ17 Executive — 12/03/2019 Date

Reytec Construction Resources, Inc.

1901 Hollister
Houston, Texas 77080
Office 713.957.4003
Fax 713.681.0077

Briar Branch Channel & Straws Improvements Project Pay Application

November 6,2019

Mr. Muhammad Ali
Gauge Engineering
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Re: Memorial City Redevelopment Authority
Briar Branch (W140-01-00) Channel and Straws Improvements Project
WBS No. N-T17000-0018-3

Dear Muhammad,

Please see attached for pay application 011 for October 2019, Briar Branch (W 140-01-00) Channel and Straws Improvements.

Thanks,

Kolgan Doxler
Project Manager
Reytec Construction Resources
832-844-8322
kdroxler@reytec.net

APPLICATION AND CERTIFICATE FOR PAYMENT *AIA DOCUMENT G702*

TO (OWNER):
Memorial City Redevelopment Authority

PROJECT:
Briar Branch (W140-01-00) Channel and Straws Improvements

APPLICATION NO: 011

PERIOD TO: 10/1/2019
10/31/2019

FROM (CONTRACTOR):
Reytec Construction
1901 Hollister Rd.
Houston, Texas 77080
Ph. 713-867-4003; Fax 713-681-0077

PROJECT NO: WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

CONTRACTOR'S APPLICATION FOR

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by owner			
TOTAL			
Approved this Month			
Number	Date		
TOTALS		$	
Net change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current Payment shown herein is now due

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1 ORIGINAL CONTRACT SUM		$ 16,794,957.00
2. Net change by Change Order		$ 0.00
3. CONTRACT SUM TO DATE (Line 1+2)		$ 16,794,957.00
4. TOTAL COMPLETED & STORED TO DATE		$ 14,502,735.71
5. RETAINAGE:		
a. 5 %	of Completed Work $ 730,136.79	
b. %	of Stored Material	
Total Retainage (Line 5a + 5b or		
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)		$ 730,136.79 / $ 13,772,598.92
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)		$ 12,663,222.99
8. CURRENT PAYMENT DUE		$ 1,109,375.93
9 BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6)		$ 4,022,358.08

State of: Texas County of:
Subscribed and sworn to before me this 6th day of Nov 2019
Notary Public: Terri Hardin
My Commission expires: 9/28/22

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

INSPECTOR:
By: Date:

CONTRACTOR
By: Date: 11/5/19

ARCHITECT'S CERTIFICATE FOR

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED $ 1,109,375.93
(Attach explanation if amount certified differs from the amount applied for)
ARCHITECT:

By: Date:

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

G702-1992

Memorial City Redevelopment Authority/TIRZ 17 — **Affidavits of Payment and Unconditional Waivers of Liens**

Reytec Construction Resources, Inc has been paid and has received a progress payment in the sum of $1,565,966.25 for services, equipment or material furnished to Memorial City Development Authority/TIRZ 17 for the Briar Branch Channel & Straws Improvements Project (WBS No. N-T17000-0018-3 located in Houston, Texas, and does hereby release any mechanic's lien or bond right that undersigned has on the above referenced project to the following extent. This release covers a progress payment for labor, services, equipment or material furnished to the Memorial City Redevelopment Authority/TIRZ 17 through September 30, 2019 only, and does not cover any retention if any labor, services, equipment or materials furnished after that date. The undersigned warrants that all undisputed amounts due to its equipment lessors, suppliers, subcontractors, labor, insurance and taxes applicable to this work have been paid in full through the date set forth and hold the Memorial City Redevelopment Authority/TIRZ 17 against any loss arising from the nonpayment thereof.

(Signature of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on: 11/06/2019
Date

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Terri Hardin
Print or Type Name of Notary Public

CITY OF HOUSTON
STANDARD DOCUMENT

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Briar Branch Channel & Straws Improvements

Outline Agreement No.: _____ WBS No.: N-T17000-0018-3

Contractor's Company Name: Reytec Construction Resources

Address: 1901 Hollister St. Houston, Texas 77080

CERTIFICATION

Daniel Bonilla Jr, 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 of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

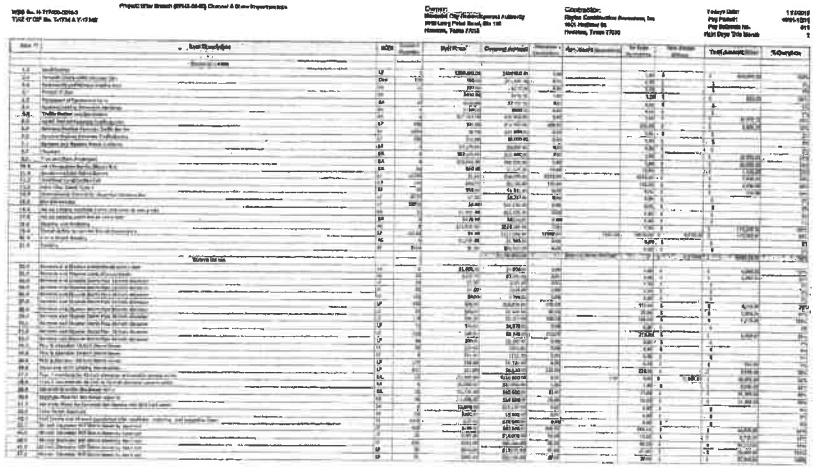
SWORN TO AND SUBSCRIBED before me on: 01/05/2019
Date

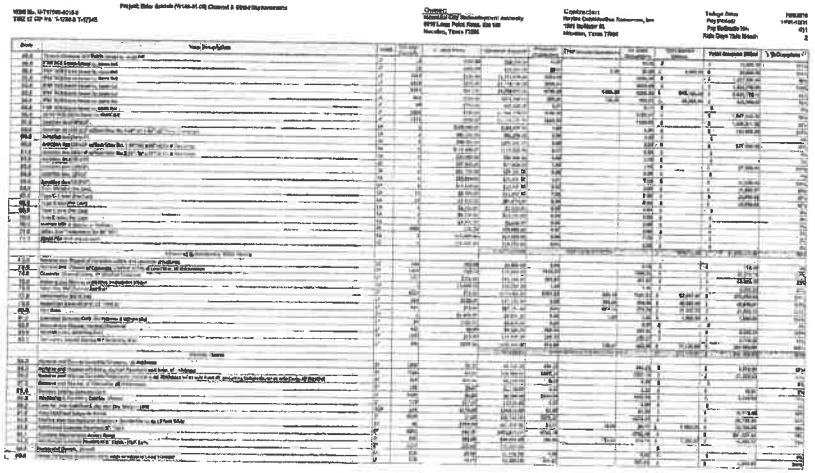
TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Teri Hardin
Print or Type Name of Notary Public





WBS No. M-717505-0018-2
TXDOT CSJ No. 1-1758-5 T-1734-5

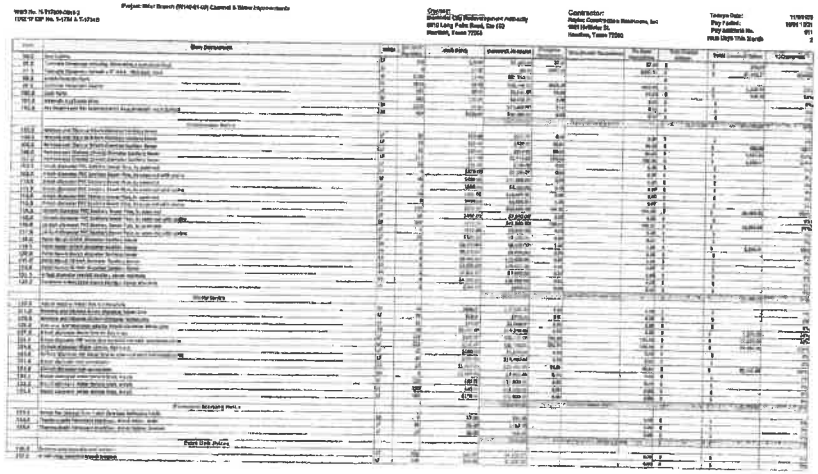
Project Title: Buffalo Bayou Channel & Storm Improvements

Owner:
Harris County Flood Control District
9900 Lake Point Road, Ste 100
Houston, Texas 77054

Contractor:
Hayles Construction Resources, Inc
1001 Spitzer St.
Galveston, Texas 77550

Today's Date:
Pay Period:
Pay Estimate No.
Work Days This Month

Item	Description	Units	Est. Quantity	Unit Price	Current Amount	Percentage	This Period Quantity	To Date Quantity	Stored Material	Total Completed Value	% Complete
100.1	Mobilization, Bonds, Insurance	LS	1	$ 1,000,000.00	$ 1,000,000.00	100%	1	1	$ -	$ 1,000,000.00	100%
100.2	Traffic Control	LS	1	$ 250,000.00	$ 250,000.00	100%	1	1	$ -	$ 250,000.00	100%
100.3	Temporary Erosion Control	LS	1	$ 150,000.00	$ 150,000.00	100%	1	1	$ -	$ 150,000.00	100%
100.4	Site Preparation	LS	1	$ 500,000.00	$ 500,000.00	100%	1	1	$ -	$ 500,000.00	100%
100.5	Dewatering	LS	1	$ 300,000.00	$ 300,000.00	100%	1	1	$ -	$ 300,000.00	100%
100.6	Utility Relocations	LS	1	$ 750,000.00	$ 750,000.00	100%	1	1	$ -	$ 750,000.00	100%
100.7	Survey & Layout	LS	1	$ 100,000.00	$ 100,000.00	100%	1	1	$ -	$ 100,000.00	100%
100.8	Environmental Mitigation	LS	1	$ 200,000.00	$ 200,000.00	100%	1	1	$ -	$ 200,000.00	100%
100.9	Demobilization	LS	1	$ 1,000,000.00	$ 1,000,000.00	100%	1	1	$ -	$ 1,000,000.00	100%
101.1	Excavation, Channel	CY	2,500,000	$ 12.50	$ 31,250,000.00	100%	2,500,000	2,500,000	$ -	$ 31,250,000.00	100%
101.2	Excavation, Bench	CY	1,200,000	$ 14.00	$ 16,800,000.00	100%	1,200,000	1,200,000	$ -	$ 16,800,000.00	100%
101.3	Excavation, Overbank	CY	800,000	$ 11.00	$ 8,800,000.00	100%	800,000	800,000	$ -	$ 8,800,000.00	100%
101.4	Excavation, Unclassified	CY	4,500,000	$ 13.00	$ 58,500,000.00	100%	4,500,000	4,500,000	$ -	$ 58,500,000.00	100%
102.1	Embankment, Levee	CY	1,800,000	$ 9.50	$ 17,100,000.00	100%	1,800,000	1,800,000	$ -	$ 17,100,000.00	100%
102.2	Embankment, Berm	CY	600,000	$ 9.50	$ 5,700,000.00	100%	600,000	600,000	$ -	$ 5,700,000.00	100%
102.3	Embankment, Fill	CY	950,000	$ 8.75	$ 8,312,500.00	100%	950,000	950,000	$ -	$ 8,312,500.00	100%
103.1	Riprap, Concrete	TON	45,000	$ 185.00	$ 8,325,000.00	100%	45,000	45,000	$ -	$ 8,325,000.00	100%
103.2	Riprap, Stone	TON	120,000	$ 95.00	$ 11,400,000.00	100%	120,000	120,000	$ -	$ 11,400,000.00	100%
103.3	Gabion Mattress	SY	12,000	$ 145.00	$ 1,740,000.00	100%	12,000	12,000	$ -	$ 1,740,000.00	100%
104.1	Concrete, Class A	CY	8,500	$ 1,250.00	$ 10,625,000.00	100%	8,500	8,500	$ -	$ 10,625,000.00	100%
104.2	Concrete, Class C	CY	12,000	$ 1,150.00	$ 13,800,000.00	100%	12,000	12,000	$ -	$ 13,800,000.00	100%
104.3	Concrete, Class S	CY	3,200	$ 1,400.00	$ 4,480,000.00	100%	3,200	3,200	$ -	$ 4,480,000.00	100%
104.4	Concrete, Flowable Fill	CY	1,500	$ 1,100.00	$ 1,650,000.00	100%	1,500	1,500	$ -	$ 1,650,000.00	100%
105.1	Reinforcing Steel, Grade 60	LB	2,400,000	$ 1.15	$ 2,760,000.00	100%	2,400,000	2,400,000	$ -	$ 2,760,000.00	100%
105.2	Reinforcing Steel, Epoxy Coated	LB	1,800,000	$ 1.35	$ 2,430,000.00	100%	1,800,000	1,800,000	$ -	$ 2,430,000.00	100%
105.3	Welded Wire Fabric	SY	18,000	$ 4.25	$ 76,500.00	100%	18,000	18,000	$ -	$ 76,500.00	100%
106.1	Structural Steel, Misc.	LB	650,000	$ 2.10	$ 1,365,000.00	100%	650,000	650,000	$ -	$ 1,365,000.00	100%
106.2	Structural Steel, Plate	LB	420,000	$ 1.95	$ 819,000.00	100%	420,000	420,000	$ -	$ 819,000.00	100%
106.3	Handrail, Steel	LF	2,200	$ 85.00	$ 187,000.00	100%	2,200	2,200	$ -	$ 187,000.00	100%
106.4	Handrail, Aluminum	LF	1,500	$ 95.00	$ 142,500.00	100%	1,500	1,500	$ -	$ 142,500.00	100%
107.1	Pipe, RCP, 24"	LF	3,200	$ 145.00	$ 464,000.00	100%	3,200	3,200	$ -	$ 464,000.00	100%
107.2	Pipe, RCP, 36"	LF	2,800	$ 195.00	$ 546,000.00	100%	2,800	2,800	$ -	$ 546,000.00	100%
107.3	Pipe, RCP, 48"	LF	2,400	$ 265.00	$ 636,000.00	100%	2,400	2,400	$ -	$ 636,000.00	100%
107.4	Pipe, RCP, 60"	LF	2,000	$ 345.00	$ 690,000.00	100%	2,000	2,000	$ -	$ 690,000.00	100%
107.5	Pipe, RCP, 72"	LF	1,600	$ 435.00	$ 696,000.00	100%	1,600	1,600	$ -	$ 696,000.00	100%
107.6	Pipe, RCP, 84"	LF	1,200	$ 545.00	$ 654,000.00	100%	1,200	1,200	$ -	$ 654,000.00	100%
107.7	Pipe, RCP, 96"	LF	1,000	$ 665.00	$ 665,000.00	100%	1,000	1,000	$ -	$ 665,000.00	100%
107.8	Pipe, RCP, 108"	LF	800	$ 795.00	$ 636,000.00	100%	800	800	$ -	$ 636,000.00	100%
107.9	Pipe, RCP, 120"	LF	600	$ 935.00	$ 561,000.00	100%	600	600	$ -	$ 561,000.00	100%
108.1	Box Culvert, 6'x6'	LF	1,200	$ 1,450.00	$ 1,740,000.00	100%	1,200	1,200	$ -	$ 1,740,000.00	100%
108.2	Box Culvert, 8'x8'	LF	1,000	$ 1,850.00	$ 1,850,000.00	100%	1,000	1,000	$ -	$ 1,850,000.00	100%
108.3	Box Culvert, 10'x10'	LF	800	$ 2,350.00	$ 1,880,000.00	100%	800	800	$ -	$ 1,880,000.00	100%
108.4	Box Culvert, 12'x12'	LF	600	$ 2,950.00	$ 1,770,000.00	100%	600	600	$ -	$ 1,770,000.00	100%
109.1	Inlet, Curb, Type A	EA	120	$ 4,500.00	$ 540,000.00	100%	120	120	$ -	$ 540,000.00	100%
109.2	Inlet, Curb, Type B	EA	80	$ 5,200.00	$ 416,000.00	100%	80	80	$ -	$ 416,000.00	100%
109.3	Inlet, Grate, Type C	EA	60	$ 6,800.00	$ 408,000.00	100%	60	60	$ -	$ 408,000.00	100%
109.4	Manhole, Storm	EA	45	$ 7,500.00	$ 337,500.00	100%	45	45	$ -	$ 337,500.00	100%
110.1	Outfall Structure	EA	12	$ 25,000.00	$ 300,000.00	100%	12	12	$ -	$ 300,000.00	100%
110.2	Headwall, Concrete	EA	18	$ 8,500.00	$ 153,000.00	100%	18	18	$ -	$ 153,000.00	100%
110.3	Wingwall, Concrete	EA	24	$ 6,200.00	$ 148,800.00	100%	24	24	$ -	$ 148,800.00	100%
110.4	Flared End Section	EA	30	$ 3,800.00	$ 114,000.00	100%	30	30	$ -	$ 114,000.00	100%
111.1	Trench Safety System	LF	5,000	$ 18.00	$ 90,000.00	100%	5,000	5,000	$ -	$ 90,000.00	100%
111.2	Shoring, Temporary	LF	3,200	$ 22.00	$ 70,400.00	100%	3,200	3,200	$ -	$ 70,400.00	100%
112.1	Sheet Piling, Steel	SF	85,000	$ 28.00	$ 2,380,000.00	100%	85,000	85,000	$ -	$ 2,380,000.00	100%
112.2	Sheet Piling, Vinyl	SF	42,000	$ 24.00	$ 1,008,000.00	100%	42,000	42,000	$ -	$ 1,008,000.00	100%
113.1	Soil Cement Mixing	CY	6,000	$ 42.00	$ 252,000.00	100%	6,000	6,000	$ -	$ 252,000.00	100%
113.2	Jet Grouting	CY	2,500	$ 68.00	$ 170,000.00	100%	2,500	2,500	$ -	$ 170,000.00	100%
114.1	Geotextile, Type I	SY	95,000	$ 2.85	$ 270,750.00	100%	95,000	95,000	$ -	$ 270,750.00	100%
114.2	Geotextile, Type II	SY	60,000	$ 3.40	$ 204,000.00	100%	60,000	60,000	$ -	$ 204,000.00	100%
114.3	Geotextile, Type III	SY	40,000	$ 4.10	$ 164,000.00	100%	40,000	40,000	$ -	$ 164,000.00	100%
115.1	Geogrid, Biaxial	SY	28,000	$ 5.25	$ 147,000.00	100%	28,000	28,000	$ -	$ 147,000.00	100%
115.2	Geogrid, Uniaxial	SY	22,000	$ 4.75	$ 104,500.00	100%	22,000	22,000	$ -	$ 104,500.00	100%
116.1	Erosion Control Blanket, Type A	SY	150,000	$ 1.85	$ 277,500.00	100%	150,000	150,000	$ -	$ 277,500.00	100%
116.2	Erosion Control Blanket, Type B	SY	120,000	$ 2.10	$ 252,000.00	100%	120,000	120,000	$ -	$ 252,000.00	100%
116.3	Turf Reinforcement Mat	SY	85,000	$ 3.25	$ 276,250.00	100%	85,000	85,000	$ -	$ 276,250.00	100%
117.1	Hydromulch Seeding	AC	180	$ 1,850.00	$ 333,000.00	100%	180	180	$ -	$ 333,000.00	100%
117.2	Sodding, Bermuda	SY	65,000	$ 4.50	$ 292,500.00	100%	65,000	65,000	$ -	$ 292,500.00	100%
117.3	Sodding, St. Augustine	SY	40,000	$ 4.75	$ 190,000.00	100%	40,000	40,000	$ -	$ 190,000.00	100%
117.4	Seeding, Native	AC	95	$ 2,200.00	$ 209,000.00	100%	95	95	$ -	$ 209,000.00	100%
118.1	Tree Planting, 2" Caliper	EA	450	$ 385.00	$ 173,250.00	100%	450	450	$ -	$ 173,250.00	100%
118.2	Tree Planting, 4" Caliper	EA	220	$ 625.00	$ 137,500.00	100%	220	220	$ -	$ 137,500.00	100%
118.3	Shrub Planting, 5 Gallon	EA	1,200	$ 65.00	$ 78,000.00	100%	1,200	1,200	$ -	$ 78,000.00	100%
118.4	Shrub Planting, 15 Gallon	EA	600	$ 145.00	$ 87,000.00	100%	600	600	$ -	$ 87,000.00	100%
119.1	Irrigation System, Complete	LS	1	$ 185,000.00	$ 185,000.00	100%	1	1	$ -	$ 185,000.00	100%
120.1	Concrete Pavement, 8"	SY	12,000	$ 68.00	$ 816,000.00	100%	12,000	12,000	$ -	$ 816,000.00	100%
120.2	Concrete Pavement, 10"	SY	8,500	$ 78.00	$ 663,000.00	100%	8,500	8,500	$ -	$ 663,000.00	100%
120.3	Asphalt Pavement, 6"	SY	15,000	$ 52.00	$ 780,000.00	100%	15,000	15,000	$ -	$ 780,000.00	100%
120.4	Asphalt Pavement, 8"	SY	10,000	$ 62.00	$ 620,000.00	100%	10,000	10,000	$ -	$ 620,000.00	100%
121.1	Curb, Concrete, Type A	LF	4,200	$ 28.00	$ 117,600.00	100%	4,200	4,200	$ -	$ 117,600.00	100%
121.2	Curb, Concrete, Type B	LF	3,800	$ 32.00	$ 121,600.00	100%	3,800	3,800	$ -	$ 121,600.00	100%
121.3	Curb, Concrete, Type C	LF	2,500	$ 35.00	$ 87,500.00	100%	2,500	2,500	$ -	$ 87,500.00	100%
122.1	Sidewalk, Concrete, 4"	SY	6,000	$ 42.00	$ 252,000.00	100%	6,000	6,000	$ -	$ 252,000.00	100%
122.2	Sidewalk, Concrete, 6"	SY	4,500	$ 48.00	$ 216,000.00	100%	4,500	4,500	$ -	$ 216,000.00	100%
123.1	Pavement Striping, Paint	LF	18,000	$ 0.65	$ 11,700.00	100%	18,000	18,000	$ -	$ 11,700.00	100%
123.2	Pavement Striping, Thermoplastic	LF	12,000	$ 1.25	$ 15,000.00	100%	12,000	12,000	$ -	$ 15,000.00	100%
124.1	Traffic Signal, Complete	EA	4	$ 285,000.00	$ 1,140,000.00	100%	4	4	$ -	$ 1,140,000.00	100%
124.2	Flashing Beacon, Complete	EA	6	$ 42,000.00	$ 252,000.00	100%	6	6	$ -	$ 252,000.00	100%
125.1	Signage, Regulatory	EA	85	$ 450.00	$ 38,250.00	100%	85	85	$ -	$ 38,250.00	100%
125.2	Signage, Warning	EA	60	$ 475.00	$ 28,500.00	100%	60	60	$ -	$ 28,500.00	100%
125.3	Signage, Guide	EA	40	$ 525.00	$ 21,000.00	100%	40	40	$ -	$ 21,000.00	100%
126.1	Guardrail, W-Beam	LF	2,400	$ 38.00	$ 91,200.00	100%	2,400	2,400	$ -	$ 91,200.00	100%
126.2	Guardrail, Thrie Beam	LF	1,200	$ 52.00	$ 62,400.00	100%	1,200	1,200	$ -	$ 62,400.00	100%
126.3	Guardrail, Concrete Barrier	LF	1,800	$ 68.00	$ 122,400.00	100%	1,800	1,800	$ -	$ 122,400.00	100%
127.1	Fence, Chain Link, 6'	LF	3,500	$ 22.00	$ 77,000.00	100%	3,500	3,500	$ -	$ 77,000.00	100%
127.2	Fence, Ornamental, 6'	LF	2,200	$ 48.00	$ 105,600.00	100%	2,200	2,200	$ -	$ 105,600.00	100%
128.1	Gate, Vehicular, Double	EA	4	$ 3,800.00	$ 15,200.00	100%	4	4	$ -	$ 15,200.00	100%
128.2	Gate, Pedestrian, Single	EA	6	$ 1,200.00	$ 7,200.00	100%	6	6	$ -	$ 7,200.00	100%
129.1	Bollard, Steel, Removable	EA	24	$ 1,450.00	$ 34,800.00	100%	24	24	$ -	$ 34,800.00	100%
129.2	Bollard, Steel, Fixed	EA	36	$ 1,250.00	$ 45,000.00	100%	36	36	$ -	$ 45,000.00	100%
130.1	Boat Ramp, Concrete	EA	2	$ 185,000.00	$ 370,000.00	100%	2	2	$ -	$ 370,000.00	100%
130.2	Fishing Pier, Public	LS	1	$ 1,250,000.00	$ 1,250,000.00	100%	1	1	$ -	$ 1,250,000.00	100%
131.1	Observation Deck	EA	3	$ 95,000.00	$ 285,000.00	100%	3	3	$ -	$ 285,000.00	100%
131.2	Pavilion, Small	EA	4	$ 125,000.00	$ 500,000.00	100%	4	4	$ -	$ 500,000.00	100%
131.3	Pavilion, Large	EA	2	$ 225,000.00	$ 450,000.00	100%	2	2	$ -	$ 450,000.00	100%
132.1	Restroom Facility	EA	2	$ 350,000.00	$ 700,000.00	100%	2	2	$ -	$ 700,000.00	100%
132.2	Drinking Fountain	EA	6	$ 4,500.00	$ 27,000.00	100%	6	6	$ -	$ 27,000.00	100%
133.1	Bench, Park	EA	40	$ 1,850.00	$ 74,000.00	100%	40	40	$ -	$ 74,000.00	100%
133.2	Picnic Table	EA	30	$ 1,650.00	$ 49,500.00	100%	30	30	$ -	$ 49,500.00	100%
133.3	Trash Receptacle	EA	50	$ 850.00	$ 42,500.00	100%	50	50	$ -	$ 42,500.00	100%
134.1	Bicycle Rack	EA	20	$ 650.00	$ 13,000.00	100%	20	20	$ -	$ 13,000.00	100%
135.1	Lighting, Pedestrian	EA	120	$ 3,200.00	$ 384,000.00	100%	120	120	$ -	$ 384,000.00	100%
135.2	Lighting, Roadway	EA	40	$ 4,800.00	$ 192,000.00	100%	40	40	$ -	$ 192,000.00	100%
136.1	Electrical Service	LS	1	$ 95,000.00	$ 95,000.00	100%	1	1	$ -	$ 95,000.00	100%
137.1	Conduit, Underground	LF	8,000	$ 12.50	$ 100,000.00	100%	8,000	8,000	$ -	$ 100,000.00	100%
138.1	Wiring, Low Voltage	LF	12,000	$ 2.85	$ 34,200.00	100%	12,000	12,000	$ -	$ 34,200.00	100%
139.1	Control Panel	EA	4	$ 18,500.00	$ 74,000.00	100%	4	4	$ -	$ 74,000.00	100%
140.1	Pump Station, Complete	EA	2	$ 1,250,000.00	$ 2,500,000.00	100%	2	2	$ -	$ 2,500,000.00	100%
141.1	Generator, Backup	EA	2	$ 285,000.00	$ 570,000.00	100%	2	2	$ -	$ 570,000.00	100%
142.1	Water Line, 8"	LF	2,500	$ 42.00	$ 105,000.00	100%	2,500	2,500	$ -	$ 105,000.00	100%
142.2	Water Line, 12"	LF	1,800	$ 58.00	$ 104,400.00	100%	1,800	1,800	$ -	$ 104,400.00	100%
143.1	Sanitary Sewer, 8"	LF	2,200	$ 48.00	$ 105,600.00	100%	2,200	2,200	$ -	$ 105,600.00	100%
143.2	Sanitary Sewer, 12"	LF	1,600	$ 65.00	$ 104,000.00	100%	1,600	1,600	$ -	$ 104,000.00	100%
144.1	Force Main, 6"	LF	3,000	$ 38.00	$ 114,000.00	100%	3,000	3,000	$ -	$ 114,000.00	100%
145.1	Air Release Valve	EA	6	$ 4,200.00	$ 25,200.00	100%	6	6	$ -	$ 25,200.00	100%
146.1	Gate Valve, 8"	EA	12	$ 2,850.00	$ 34,200.00	100%	12	12	$ -	$ 34,200.00	100%
146.2	Gate Valve, 12"	EA	8	$ 3,650.00	$ 29,200.00	100%	8	8	$ -	$ 29,200.00	100%
147.1	Backflow Preventer	EA	4	$ 6,500.00	$ 26,000.00	100%	4	4	$ -	$ 26,000.00	100%
148.1	Meter, Water	EA	6	$ 1,850.00	$ 11,100.00	100%	6	6	$ -	$ 11,100.00	100%
149.1	Fire Hydrant	EA	18	$ 4,800.00	$ 86,400.00	100%	18	18	$ -	$ 86,400.00	100%
150.1	Irrigation Line, Mainline	LF	4,000	$ 8.50	$ 34,000.00	100%	4,000	4,000	$ -	$ 34,000.00	100%
150.2	Irrigation Line, Lateral	LF	6,000	$ 4.25	$ 25,500.00	100%	6,000	6,000	$ -	$ 25,500.00	100%
151.1	Irrigation Valve, Zone	EA	12	$ 1,250.00	$ 15,000.00	100%	12	12	$ -	$ 15,000.00	100%
152.1	Irrigation Controller	EA	2	$ 2,850.00	$ 5,700.00	100%	2	2	$ -	$ 5,700.00	100%
153.1	Rain Sensor	EA	2	$ 450.00	$ 900.00	100%	2	2	$ -	$ 900.00	100%
154.1	Backflow Preventer, Irrigation	EA	2	$ 1,850.00	$ 3,700.00	100%	2	2	$ -	$ 3,700.00	100%
155.1	Temporary Construction Fence	LF	4,000	$ 6.50	$ 26,000.00	100%	4,000	4,000	$ -	$ 26,000.00	100%
156.1	Construction Entrance	EA	3	$ 2,500.00	$ 7,500.00	100%	3	3	$ -	$ 7,500.00	100%
157.1	Silt Fence	LF	5,500	$ 3.25	$ 17,875.00	100%	5,500	5,500	$ -	$ 17,875.00	100%
158.1	Inlet Protection	EA	40	$ 185.00	$ 7,400.00	100%	40	40	$ -	$ 7,400.00	100%
159.1	Final Cleanup	LS	1	$ 75,000.00	$ 75,000.00	100%	1	1	$ -	$ 75,000.00	100%
160.1	Punch List Items	LS	1	$ 50,000.00	$ 50,000.00	0%	0	0	$ -	$ -	0%



WBS No. M-717505-0018-2
TXDOT CSJ No. 1-1758-5 T-1734-5

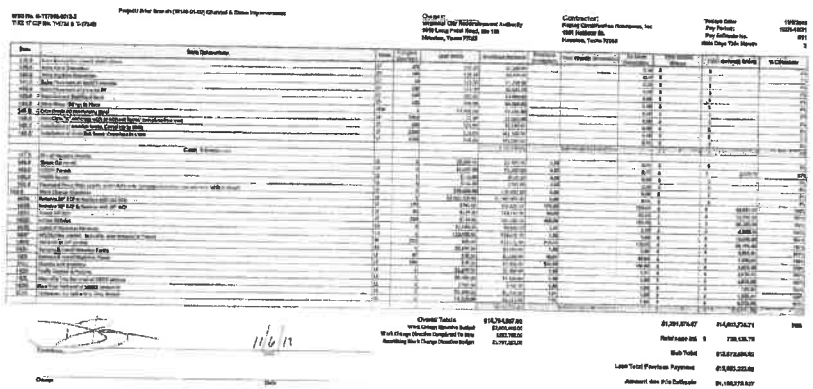
Project Title: Buffalo Bayou Channel & Storm Improvements

Owner:
Harris County Flood Control District
9900 Lake Point Road, Ste 100
Houston, Texas 77054

Contractor:
Hayles Construction Resources, Inc
1001 Spitzer St.
Galveston, Texas 77550

Today's Date:
Pay Period:
Pay Estimate No.
Work Days This Month

Item	Description	Units	Est. Quantity	Unit Price	Current Amount	Percentage	This Period Quantity	To Date Quantity	Stored Material	Total Completed Value	% Complete
100.1	Mobilization, Bonds, Insurance	LS	1	$ 1,000,000.00	$ 1,000,000.00	100%	1	1	$ -	$ 1,000,000.00	100%
100.2	Traffic Control	LS	1	$ 250,000.00	$ 250,000.00	100%	1	1	$ -	$ 250,000.00	100%
100.3	Temporary Erosion Control	LS	1	$ 150,000.00	$ 150,000.00	100%	1	1	$ -	$ 150,000.00	100%
100.4	Site Preparation	LS	1	$ 500,000.00	$ 500,000.00	100%	1	1	$ -	$ 500,000.00	100%
100.5	Dewatering	LS	1	$ 300,000.00	$ 300,000.00	100%	1	1	$ -	$ 300,000.00	100%
100.6	Utility Relocations	LS	1	$ 750,000.00	$ 750,000.00	100%	1	1	$ -	$ 750,000.00	100%
100.7	Survey & Layout	LS	1	$ 100,000.00	$ 100,000.00	100%	1	1	$ -	$ 100,000.00	100%
100.8	Environmental Mitigation	LS	1	$ 200,000.00	$ 200,000.00	100%	1	1	$ -	$ 200,000.00	100%
100.9	Demobilization	LS	1	$ 1,000,000.00	$ 1,000,000.00	100%	1	1	$ -	$ 1,000,000.00	100%
101.1	Excavation, Channel	CY	2,500,000	$ 12.50	$ 31,250,000.00	100%	2,500,000	2,500,000	$ -	$ 31,250,000.00	100%
101.2	Excavation, Bench	CY	1,200,000	$ 14.00	$ 16,800,000.00	100%	1,200,000	1,200,000	$ -	$ 16,800,000.00	100%
101.3	Excavation, Overbank	CY	800,000	$ 11.00	$ 8,800,000.00	100%	800,000	800,000	$ -	$ 8,800,000.00	100%
101.4	Excavation, Unclassified	CY	4,500,000	$ 13.00	$ 58,500,000.00	100%	4,500,000	4,500,000	$ -	$ 58,500,000.00	100%
102.1	Embankment, Levee	CY	1,800,000	$ 9.50	$ 17,100,000.00	100%	1,800,000	1,800,000	$ -	$ 17,100,000.00	100%
102.2	Embankment, Berm	CY	600,000	$ 9.50	$ 5,700,000.00	100%	600,000	600,000	$ -	$ 5,700,000.00	100%
102.3	Embankment, Fill	CY	950,000	$ 8.75	$ 8,312,500.00	100%	950,000	950,000	$ -	$ 8,312,500.00	100%
103.1	Riprap, Concrete	TON	45,000	$ 185.00	$ 8,325,000.00	100%	45,000	45,000	$ -	$ 8,325,000.00	100%
103.2	Riprap, Stone	TON	120,000	$ 95.00	$ 11,400,000.00	100%	120,000	120,000	$ -	$ 11,400,000.00	100%
103.3	Gabion Mattress	SY	12,000	$ 145.00	$ 1,740,000.00	100%	12,000	12,000	$ -	$ 1,740,000.00	100%
104.1	Concrete, Class A	CY	8,500	$ 1,250.00	$ 10,625,000.00	100%	8,500	8,500	$ -	$ 10,625,000.00	100%
104.2	Concrete, Class C	CY	12,000	$ 1,150.00	$ 13,800,000.00	100%	12,000	12,000	$ -	$ 13,800,000.00	100%
104.3	Concrete, Class S	CY	3,200	$ 1,400.00	$ 4,480,000.00	100%	3,200	3,200	$ -	$ 4,480,000.00	100%
104.4	Concrete, Flowable Fill	CY	1,500	$ 1,100.00	$ 1,650,000.00	100%	1,500	1,500	$ -	$ 1,650,000.00	100%
105.1	Reinforcing Steel, Grade 60	LB	2,400,000	$ 1.15	$ 2,760,000.00	100%	2,400,000	2,400,000	$ -	$ 2,760,000.00	100%
105.2	Reinforcing Steel, Epoxy Coated	LB	1,800,000	$ 1.35	$ 2,430,000.00	100%	1,800,000	1,800,000	$ -	$ 2,430,000.00	100%
105.3	Welded Wire Fabric	SY	18,000	$ 4.25	$ 76,500.00	100%	18,000	18,000	$ -	$ 76,500.00	100%
106.1	Structural Steel, Misc.	LB	650,000	$ 2.10	$ 1,365,000.00	100%	650,000	650,000	$ -	$ 1,365,000.00	100%
106.2	Structural Steel, Plate	LB	420,000	$ 1.95	$ 819,000.00	100%	420,000	420,000	$ -	$ 819,000.00	100%
106.3	Handrail, Steel	LF	2,200	$ 85.00	$ 187,000.00	100%	2,200	2,200	$ -	$ 187,000.00	100%
106.4	Handrail, Aluminum	LF	1,500	$ 95.00	$ 142,500.00	100%	1,500	1,500	$ -	$ 142,500.00	100%
107.1	Pipe, RCP, 24"	LF	3,200	$ 145.00	$ 464,000.00	100%	3,200	3,200	$ -	$ 464,000.00	100%
107.2	Pipe, RCP, 36"	LF	2,800	$ 195.00	$ 546,000.00	100%	2,800	2,800	$ -	$ 546,000.00	100%
107.3	Pipe, RCP, 48"	LF	2,400	$ 265.00	$ 636,000.00	100%	2,400	2,400	$ -	$ 636,000.00	100%
107.4	Pipe, RCP, 60"	LF	2,000	$ 345.00	$ 690,000.00	100%	2,000	2,000	$ -	$ 690,000.00	100%
107.5	Pipe, RCP, 72"	LF	1,600	$ 435.00	$ 696,000.00	100%	1,600	1,600	$ -	$ 696,000.00	100%
107.6	Pipe, RCP, 84"	LF	1,200	$ 545.00	$ 654,000.00	100%	1,200	1,200	$ -	$ 654,000.00	100%
107.7	Pipe, RCP, 96"	LF	1,000	$ 665.00	$ 665,000.00	100%	1,000	1,000	$ -	$ 665,000.00	100%
107.8	Pipe, RCP, 108"	LF	800	$ 795.00	$ 636,000.00	100%	800	800	$ -	$ 636,000.00	100%
107.9	Pipe, RCP, 120"	LF	600	$ 935.00	$ 561,000.00	100%	600	600	$ -	$ 561,000.00	100%
108.1	Box Culvert, 6'x6'	LF	1,200	$ 1,450.00	$ 1,740,000.00	100%	1,200	1,200	$ -	$ 1,740,000.00	100%
108.2	Box Culvert, 8'x8'	LF	1,000	$ 1,850.00	$ 1,850,000.00	100%	1,000	1,000	$ -	$ 1,850,000.00	100%
108.3	Box Culvert, 10'x10'	LF	800	$ 2,350.00	$ 1,880,000.00	100%	800	800	$ -	$ 1,880,000.00	100%
108.4	Box Culvert, 12'x12'	LF	600	$ 2,950.00	$ 1,770,000.00	100%	600	600	$ -	$ 1,770,000.00	100%
109.1	Inlet, Curb, Type A	EA	120	$ 4,500.00	$ 540,000.00	100%	120	120	$ -	$ 540,000.00	100%
109.2	Inlet, Curb, Type B	EA	80	$ 5,200.00	$ 416,000.00	100%	80	80	$ -	$ 416,000.00	100%
109.3	Inlet, Grate, Type C	EA	60	$ 6,800.00	$ 408,000.00	100%	60	60	$ -	$ 408,000.00	100%
109.4	Manhole, Storm	EA	45	$ 7,500.00	$ 337,500.00	100%	45	45	$ -	$ 337,500.00	100%
110.1	Outfall Structure	EA	12	$ 25,000.00	$ 300,000.00	100%	12	12	$ -	$ 300,000.00	100%
110.2	Headwall, Concrete	EA	18	$ 8,500.00	$ 153,000.00	100%	18	18	$ -	$ 153,000.00	100%
110.3	Wingwall, Concrete	EA	24	$ 6,200.00	$ 148,800.00	100%	24	24	$ -	$ 148,800.00	100%
110.4	Flared End Section	EA	30	$ 3,800.00	$ 114,000.00	100%	30	30	$ -	$ 114,000.00	100%
111.1	Trench Safety System	LF	5,000	$ 18.00	$ 90,000.00	100%	5,000	5,000	$ -	$ 90,



Reytec Project No. 2203

Deviated Plan

Project Name: 2203: Briar Branch (W140-01-00)Channel & Straws Improvement
Contract Amount.: $18,794,957.00
Work Progress: 78% complete
Pay Estimate Number: 11
Pay Period: 10/01/2019 to 10/31/2019

Overall Goal:

Contracted:	18.00%	$	3,383,092.26
Current:	11.43%	$	2,150,046.56
	-6.56%	$	(1,233,045.07)

MBE Goal:

Contracted:	10.00%	$	1,879,495.70
Current:	3.70%		697,247.04
	-6.30%	$	(1,182,248.66)

MWSBE Goal:

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%		($52,538.83)

Moran Construction (MBE)

Contracted:	6.11%	$	1,148,371.87
Current:	0.53%		112,562.87
	-5.58%	$	(1,048,693.76)

Individual Goal:

Access Data (WBE)

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%	$	($52,538.83)

Ecung (MBE)

Contracted:	0.36%	$	67,661.85
Current:	0.08%	$	15,225.00
	-0.28%	$	(52,436.85)

Rosales Trucking (MBE)

Contracted:	2.50%	$	469,873.93
Current:	2.87%	$	540,087.84
	0.37%	$	70,213.91

Fabco (MBE)

Contracted:	1.00%	$	187,949.57
Current:	0.53%	$	99,585.24
	-0.47%	$	(88,364.33)

Gauge ENGINEERING

November 21, 2019

Scott Bean
Memorial City Redevelopment Authority/TIRZ 17
9610 Long Point, Suite 150
Houston, Texas 77055

Reference: Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage Improvements
Gauge Project No.: 1005
WBS No. N-T17000-0018-3 (T-1734 & T-1734B)
Reytec Construction Resources, Inc Payment No. 12

Dear Mr. Bean:

Reytec Construction Resources, Inc. (Reytec) has submitted estimate No. 12 in the amount of $259,471.52 for construction services rendered through November 15, 2019. Based on our review, Reytec has complied with all requirements stated in the estimate and we recommend payment of $259,471.52 to Reytec.

The following billing information is to be used for payment:

Reytec Construction Resources, Inc.
1901 Hollister St.
Houston, TX 77080

If you have any questions or require additional information, please feel free to contact me at (832) 318-8800.

Sincerely,

Muhammad Ali, P.E.
Project Manager

Enclosures: Reytec Pay Est. No. 12

Code # 1734
11-21-2019

Estimate No. 12
Cut off Date 11/15/19
Estimate Date 11/20/19

Memorial City Redevelopment Authority/TIRZ 17
Estimate and Certificate for Payment Unit Price Work

Gauge ENGINEERING

Project Name : Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage
Contractor Name : Reytec Construction Resources, Inc.
Address : 191 Hollister St., Houston, Texas 77080

WBS No. N-T17000-0018-3 (T-1734 & T-1734B)

Contract Date : 11/31/2018
Start Date : 12/17/2018
Current Contract Completion Date : 12/21/2020
Substantial Completion Date
Percentage By Time : 45.31% In Place : 78.21%
Data Insurance Exp. : 10/15/2020 Drug Policy Due Date: N/A Current MWSBE : 11.43%

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time	:	714
Approved Extensions	:	0
Total Contract Time		735
Days Used to Date	:	333
Days Remaining to Date	:	402
Schedule Update		10/24/2018

CONTRACT AMOUNT TO DATE :
1- Original Contract Amount $18,794,957.00
2- Approved Change Orders

No.	Date	Ext.Days	Amount
1		21	$225,362.50
Total Approved Extentions		21	Total Change Orders to Date $225,362.50

3- Approved Work Change Directives

No.	Date	Ext.Days	Amount
Total Pending Work Change Directives to Date			$0.00

TOTAL CONTRACT AMOUNT (excludes WCDs) $18,020,319.50

A. EARNINGS TO DATE

1- Work Completed to Date	78.21% Complete		Current Month Billing	$273,127.91	$14,875,883.62
2- Material Stored on Site	$0.00				
3- Material Stored in Place	$0.00				
4- Balance-Materials Accepted Not In Place	$0.00	@ 85%		$0.00	
5- Work Change Directives - In Place				$0.00	

TOTAL EARNINGS TO DATE $14,875,883.62

B. DEDUCTIONS

1- Retainage	5%	Of	$14,875,883.62	$743,793.18		
2- Retainage Release	0%	Of	$14,875,883.62	$0.00		
3- Total Retainage					$743,793.18	
4- Liquidated Damages		0.00	Days @ $5,000.00		$0.00	
5- Assessments					$0.00	
6- Inspector Overtime Costs					$0.00	

TOTAL DEDUCTIONS $743,793.18

C. AMOUNT DUE THIS PERIOD

1- Total Earnings to Date	$14,875,883.62	
2- Total Deductions	$743,793.18	
3- Total Payments Due		$14,132,070.44
4- Less Previous Payments		$13,872,598.92
5- Restoration Adjustment		$0.00

TOTAL AMOUNT DUE CONTRACTOR THIS DATE $259,471.52
BALANCE REMAINING $4,144,455.88

Prepared By _____ 11/20/2019
Kerem Oaddo, P.E. Date

Reviewed By _____ 11/21/2019
Muhammad Ali, P.E. Date

Approved By: _____ 12/03/2019
Scott Bean, TIRZ17 Executive Date

Reytec Construction Resources, Inc.

1901 Hollister
Houston, Texas 77080
Office 713.957.4003
Fax 713.681.0077

Briar Branch Channel & Straws Improvements Project Pay Application

November 20,2019

Mr. Muhammad Ali
Gauge Engineering
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Re: Memorial City Redevelopment Authority
Briar Branch (W140-01-00) Channel and Straws Improvements Project
WBS No. N-T17000-0018-3

Dear Muhammad,

Please see attached for pay application 012 for November 1st thru 15th 2019, Briar Branch (W 140-01-00) Channel and Straws Improvements.

Thanks,

Kolgan Dexler
Project Manager
Reytec Construction Resources
832-844-8322
kdrixler@reytec.net

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

TO (OWNER): Memorial City Redevelopment Authority

PROJECT: Briar Branch (W140-01-00) Channel and Straws Improvements

APPLICATION NO: 012

PERIOD TO: 11/1/2019 – 11/15/2019

FROM (CONTRACTOR): Reytec Construction, 1901 Hollister Rd, Houston, Texas 77080, Ph. 713-957-4003; Fax 713-681-0077

PROJECT NO: WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

CONTRACTOR'S APPLICATION FOR

CHANGE ORDER SUMMARY	ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by owner		
TOTAL		
Approved this Month: Number / Date		
TOTALS	$ -	
Net change by Change Orders		

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current Payment shown herein is now due.

INSPECTOR: By: _____ Date: _____

CONTRACTOR: By: _____ Date: 11/20/19

Application is made for Payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM	$ 16,794,857.00
2. Net change by Change Orders	$ 0.00
3. CONTRACT SUM TO DATE (Line 1+2)	$ 16,794,857.00
4. TOTAL COMPLETED & STORED TO DATE	$ 14,875,863.82
5. RETAINAGE: a. 5 % of Completed Work $ 743,793.18	
b. % of Stored Material	
Total Retainage (Line 5a + 5b or	$ 743,793.18
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)	$ 14,132,070.64
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	$ 13,872,598.92
8. CURRENT PAYMENT DUE	$ 259,471.52
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6)	$ 4,661,886.56

State of: Texas County of: Harris
Subscribed and sworn to before me this 21st day of November 2019
Notary Public: Eunice Morales
My Commission expires: 7/2020

EUNICE MORALES
Notary Public, State of Texas
Comm. Expires 07-27-2022
Notary ID 131660479

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED $ 259,471.52
(Attach explanation if amount certified differs from the amount applied for)
ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

G703 1983

Memorial City Redevelopment Authority/TIRZ 17

Affidavits of Payment and Unconditional Waivers of Liens

Reytec Construction Resources, Inc has been paid and has received a progress payment in the sum of $1,565,966.25 for services, equipment or material furnished to Memorial City Development Authority/TIRZ 17 for the Briar Branch Channel & Straws Improvements Project (WBS No. N-T17000-0018-3 located in Houston, Texas, and does hereby release any mechanic's lien or bond right that undersigned has on the above referenced project to the following extent. This release covers a progress payment for labor, services, equipment or material furnished to the Memorial City Redevelopment Authority/TIRZ 17 through September 30, 2019 only, and does not cover any retention if any labor, services, equipment or materials furnished after that date. The undersigned warrants that all undisputed amounts due to its equipment lessors, suppliers, subcontractors, labor, insurance and taxes applicable to this work have been paid in full through the date set forth and hold the Memorial City Redevelopment Authority/TIRZ 17 against any loss arising from the nonpayment thereof. .

(Signature of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on

11/06/2019
Date

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Terri Hardin
Print or Type Name of Notary Public

CITY OF HOUSTON
STANDARD DOCUMENT

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Briar Branch Channel & Straws Improvements

Outline Agreement No.: _____ WBS No.: N-T17000-0018-3

Contractor's Company Name: Reytec Construction Resources

Address: 1901 Hollister St. Houston, Texas 77080

CERTIFICATION

Daniel Bonilla Jr, 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 of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on:

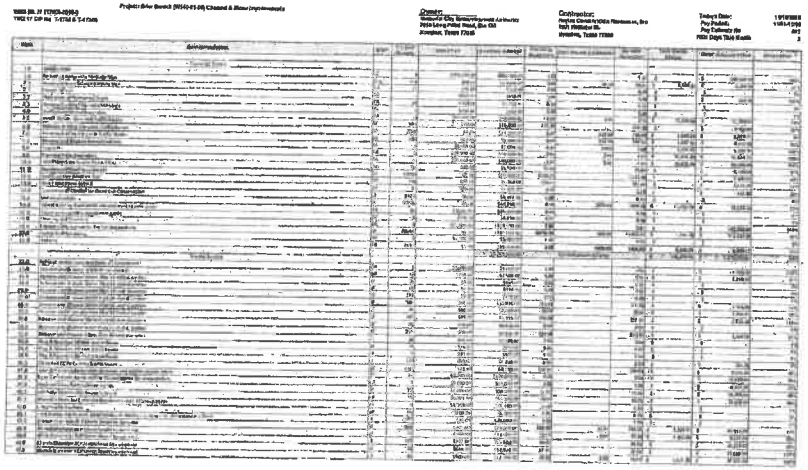
01/20/2019
Date

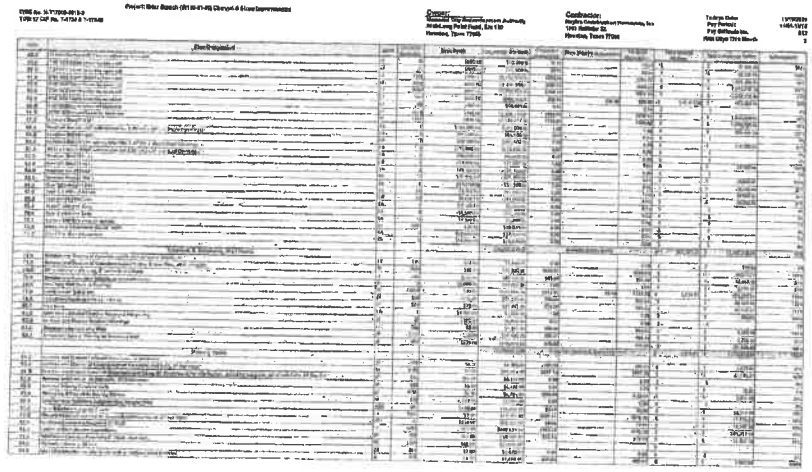
EUNICE MORALES
Notary Public, State of Texas
Comm. Expires 07-27-2022
Notary ID 131860479

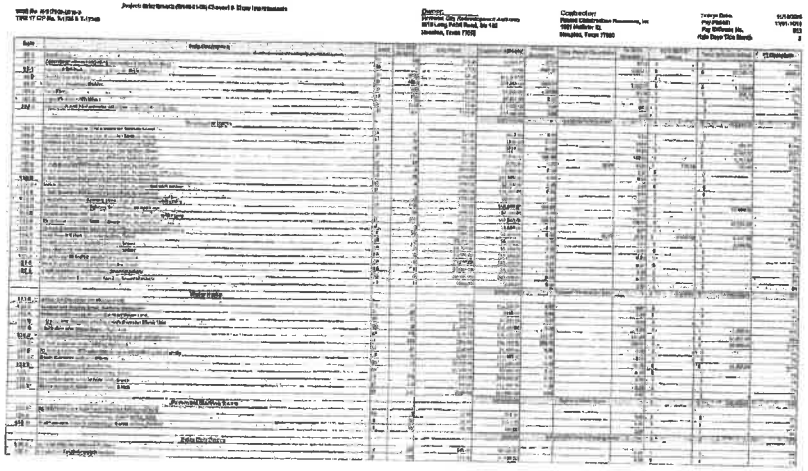
Notary Public in and for the State of Texas

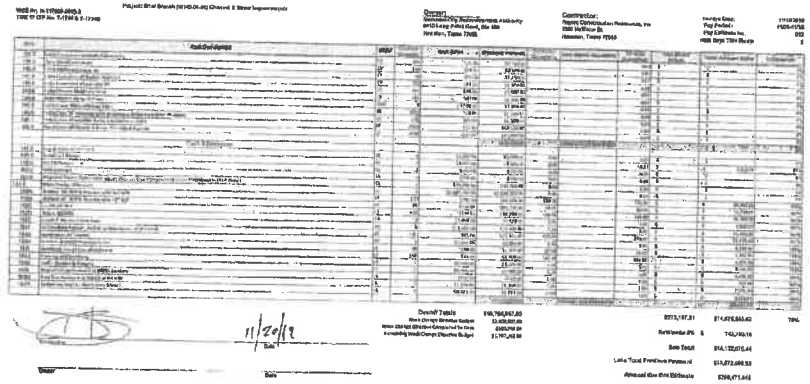
My Commission Expires: 7/27/22
Expiration Date

Eunice Morales
Print or Type Name of Notary Public









Reytec Project No. 2203
Deviated Plan

Project Name:	2203: Briar Branch (W140-01-00)Channel & Straws Improvement
Contract Amount.:	$18,794,957.00
Work Progress:	78% complete
Pay Estimate Number:	12
Pay Period:	11/01/2019 to 11/15/2019

Overall Goal:

Contracted:	18.00%	$	3,383,092.26
Current:	11.43%	$	2,150,046.56
	-6.56%	$	(1,233,043.07)

Inactive check Overall Goal

MBE Goal:

Contracted:	10.00%	$	1,879,495.70
Current:	3.70%		697,247.04
	-6.30%	$	(1,182,248.66)

MWSBE Goal:

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%		($52,538.83)

Moran Construction (MBE)

Contracted:	6.11%	$	1,148,371.87
Current:	0.53%		[illegible]
	-5.58%	$	(-1,048,[illegible].76)

Individual Goal:

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%	$	($52,538.83)

Ecung (MBE)

Contracted:	0.36%	$	67,661.85
Current:	0.08%	$	15,225.00
	-0.28%	$	($52,436.85)

Rosales Trucking (MBE)

Contracted:	2.50%	$	469,873.93
Current:	2.87%		[illegible]
	0.37%	$	70,213.91

Fabco (MBE)

Contracted:	1.00%	$	187,949.57
Current:	0.53%	$	99,585.24
	-0.47%	$	88,364.33

swa

Work Order # 12 CIP T-1732A/B

Date:	November 14, 2019
Invoice No:	179194
For Period:	October
Project No:	RHTS502
Project Manager:	James Vick

To: Memorial City Redevelopment
Authority/Houston TIRZ 17
Attn: Linda Clayton
c/o Hawes Hill and Associates LLP
PO Box 22167
Houston, TX 77227-2167

Project North Gessner DD CD

WORK PERFORMED:
Coordinate Questions with TxDOT and Engineer; Research Design Issues Including Specification and Quantities; Coordination/Management of Design Team. Pre-Construction Coordination; Respond to Contractor Inquires.

Professional Services from October 1, 2019 to October 31, 2019

Professional Personnel

	Hours	Rate	Amount
Principal			
Rentrop, Rhett	.50	210.00	105.00
Vick, James	42.00	245.00	10,290.00
Associate			
Bruner, Clayton	5.50	151.50	833.25
Staff			
Oliver, Robert	20.00	107.03	2,140.60

Total Fee Due This Invoice 13,368.85

Total Due this Invoice $13,368.85

Total Budget:	**$243,620.00**
Prior Billed:	**$219,035.03**
Current:	**$13,368.85**
Billed to Date:	**$232,403.88**
Percent Complete:	**95%**
Remaining Budget:	**$11,216.12**

Code # 1732A 11/18/2019

Remit to:
SWA Group
PO Box 5904
Sausalito, CA 94966
+1.415.332.5100

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

Work Order # 13 CIP T-1738A
Date: November 14, 2019
Invoice No: 179196
For Period: October
Project No: RHTS503
Project Manager: James Vick

To: Memorial City Redevelopment
Authority/Houston TIRZ 17
Attn: Linda Clayton
c/o Hawes Hill and Associates LLP
PO Box 22167
Houston, TX 77227-2167

Project Memorial Drive Drainage and Mobility

WORK PERFOMED:
Design Coordination and Management of 95% Submittal; Conferences with Design Team, Engineer, TxDOT, Management District; Prepare Design Revisions per Engineer; 95% Submittal.

Professional Services from October 1, 2019 to October 31, 2019

Professional Personnel

	Hours	Rate	Amount
Principal			
Vick, James	7.00	245.00	1,715.00
Associate			
Bruner, Clayton	3.00	151.50	454.50
Staff			
Oliver, Robert	83.50	107.03	8,937.01

Total Fee Due This Invoice **11,106.51**

Total Due this invoice **$11,106.51**

Total Budget:	**$286,820.00**
Prior Billed:	**$254,525.41**
Current:	**$11,106.51**
Billed to Date:	**$265,631.92**
Percent Complete:	**93%**
Remaining Budget:	**$21,188.08**

Code # 1738A 11/18/2019

Remit to:
SWA Group
PO Box 5904
Sausalito, CA 94966
+1.415.332.5100

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.

The Goodman Corporation

3200 Travis Street, Ste. 200
Houston, TX 77006

Invoice

Bill To
Ms. Michelle Lofton ETI Bookkeeping Services P.O. Box 73109 Houston, TX 77273

Date	Invoice #
10/31/2019	10-2019-15

Terms	Project
	MCT108

Item	Description	Rate	Prior %	Curr %	Amount
Contract Services	Task 1 - Create Soil Management Plan for TxDOT MEMORIAL DR	14,500.00	90%	10.00%	1,450.00

Total	$1,450.00
Balance Due	$1,450.00

Phone #	Fax #
713-951-7951	713-951-7957

Code # 1738A 11/13/2019

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston, TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin, TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean
From: Jim Webb
Date: November 1, 2019
Re: Memorial Drive Reconstruction Project (BW-8 to Tallowood) Soil and Groundwater Management Plan (MCT108) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – Create Soil Management Plan for TxDOT	**90%**	**100%**

Comments: SGMP finalized and submitted to TxDOT.

The Goodman Corporation

3200 Travis Street, Ste. 200
Houston, TX 77006

Invoice

Bill To
Ms. Michelle Lofton ETI Bookkeeping Services P.O. Box 73109 Houston, TX 77273

Date	Invoice #
10/31/2019	10-2019-7

Terms	Project
	MCT103

Item	Description	Rate	Prior %	Curr %	Amount
Contract Services	Task 1 - North Gessner Project Implementation Assistance	20,000.00	100%	0.00%	0.00
Contract Services	Task 2 - Memorial Drive Project Implementation Assistance Code #1938A	105,000.00	94%	1.00%	1,050.00

Total	$1,050.00
Balance Due	$1,050.00

Phone #	Fax #
713-951-7951	713-951-7957

See above 11/13/2019

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston,TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin,TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean
From: Jim Webb
Date: November 1, 2019
Re: Memorial City Redevelopment Authority Continued Implementation Assistance (MCT103) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – North Gessner Project Implementation Assistance Comment: Task complete.	**100%**	**100%**
2 – Memorial Drive Project Implementation Assistance Comment: Coordinate final environmental approvals with TxDOT.	**94%**	**95%**

The Goodman Corporation

3200 Travis Street, Ste. 200
Houston, TX 77006

Invoice

Bill To

Ms. Michelle Lofton
ETI Bookkeeping Services
P.O. Box 73109
Houston, TX 77273

Date	Invoice #
10/31/2019	10-2019-14

Terms	Project
	MCT102

Item	Description	Rate	Prior %	Curr %	Amount
Contract Services	Task 1 - Purpose and Need	1,500.00	100%	0.00%	0.00
Contract Services	Task 2 - Alternative Analysis	3,500.00	15%	70.00%	2,450.00
Contract Services	Task 3.1 - Socioeconomic Analysis	3,000.00	100%	0.00%	0.00
Contract Services	Task 3.2 - Water Quality Conditions	1,000.00	100%	0.00%	0.00
Contract Services	Task 3.3 - Plant Communities and Wildlife Habitat	4,500.00	100%	0.00%	0.00
Contract Services	Task 3.4 - Waters and Wetlands Identification	1,000.00	95%	0.00%	0.00
Contract Services	Task 3.5 - Air Quality Assessment	1,000.00	70%	15.00%	150.00
Contract Services	Task 3.6 - Floodplain Assessment	1,000.00	100%	0.00%	0.00
Contract Services	Task 3.7 - Cultural Resources Assessment	1,000.00	35%	50.00%	500.00
Contract Services	Task 3.7a - Historical Resource Analysis	0.00	0%		0.00
Contract Services	Task 3.8 - Hazardous Materials	1,350.00	100%	0.00%	0.00
Contract Services	Task 3.9 - Historical Identification	1,500.00	5%	80.00%	1,200.00
Contract Services	Task 3.9a - Indirect Impacts Assessment	2,000.00	100%	0.00%	0.00
Contract Services	Task 3.10 - Cumulative Impacts Assessment	2,000.00	95%	0.00%	0.00
Contract Services	Task 4 - Draft and Final EA	15,000.00	35%	50.00%	7,500.00

Memorial Dr

Total	$11,800.00
Balance Due	$11,800.00

Phone #	Fax #
713-951-7951	713-951-7957

Code # 1738A
11/13/2019

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston, TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin, TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean, Executive Director
From: Stephanie Kirschner
Date: November 1, 2019
Re: Environmental Studies for Categorical Exclusion Memorial Drive (Beltway 8 to Tallowood Road) (MCT102) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – Purpose and Need Comment: Task is complete.	100%	100%
2 – Alternative Analysis Comment: TGC finalized documentation and coordination with TxDOT during this period.	15%	85%
3.1 – Socioeconomic Analysis Comment: Task is complete.	100%	100%
3.2 – Water Quality Conditions Comment: Task is complete.	100%	100%
3.3 – Plant Communities and Wildlife Habitat Comment: Task is complete.	100%	100%
3.4 – Waters and Wetlands Identification Comment: No activity.	95%	95%
3.5 – Air Quality Assessment Comment: TGC finalized documentation and coordination with TxDOT during this period.	70%	85%
3.6 – Floodplains Assessment Comment: Task is complete.	100%	100%
3.7 – Cultural Resource Identification Comment: TGC finalized documentation and coordination with TxDOT during this period.	35%	85%
3.7a – Historical Resource Analysis Comment: TGC finalized documentation and coordination with TxDOT during this period.	0%	85%
3.8 – Hazardous Materials Comment: Task is complete.	100%	100%
3.9 – Historical Resource Identification Comment: TGC finalized documentation and coordination with TxDOT during this period.	5%	85%
3.9A – Indirect Impacts Assessment Comment: Task is complete.	100%	100%
3.10 – Cumulative Impacts Assessment Comment: No activity.	95%	95%
4 – Draft and Final EA Comment: Respond to TxDOT comments, update Opportunity to Comment documentation	35%	85%

MEMORIAL CITY REDEVELOPMENT AUTHORITY TIRZ NO. 17,
TAX REINVESTMENT ZONE NO. 17
HOUSTON, TEXAS

AGENDA MEMORANDUM

TO: Memorial City Redevelopment Authority TIRZ No. 17 Board of Directors

FROM: Executive Director

SUBJECT: Agenda Item Materials

5. Receive and consider the FY 2020 budget.

MEMORIAL CITY REDEVELOPMENT AUTHORITY TIRZ NO. 17
c/o Hawes Hill & Associates LLP
P.O. Box 22167
Houston, TX 77227-2167
713-595-1200 or FAX 281-888-6314

CITY OF HOUSTON
ECONOMIC DEVELOPMENT DIVISION
FISCAL YEAR 2020 BUDGET PROFILE

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

PROFILE

Base Year:		1999
Base Year Taxable Value:	$	509,671,530
Projected Taxable Value (TY2019):	$	3,631,843,714
Current Taxable Value (TY2018):	$	3,784,570,901
Acres:		984.98
Administrator (Contact):		Scott Bean
Contact Number:		(713) 595-1213

NARRATIVE

Zone Purpose:

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 the Town & Country West Drainage and Mobility project.

Completed final design of W-140-01 Channel Improvements project and bid the project. Construction is underway.

Completed design and bid the North Gessner Road reconstruction project from Interstate 10 to Long Point Road.

Continued design work on the reconstruction of Memorial Drive from Beltway 8 to Tallowood, a project that will be 80% grant funded.

Continued preliminary design and acquisition work on a detention basin on the south side of Interstate 10 known as Detention Basin A.

PROJECT PLAN

	Total Plan	Cumulative Expenses (to 6/30/18)	Variance
Capital Projects:			
Roadway and Sidewalk Improvements	$ 53,429,681	$ 37,893,479	$ 15,536,202
Public Utility Improvements	120,856,453	42,110,500	78,745,953
Parks and Recreational Facilities	11,889,119	346,285	11,542,834
	-	-	-
Total Capital Projects	$ 186,175,253	$ 80,350,264	$ 105,824,989
Affordable Housing	-	-	-
School & Education/Cultural Facilities	-	-	-
Financing Costs	25,000,000	33,369,797	(8,369,797)
Administration Costs/ Professional Services	-	-	-
Creation Costs	5,952,851	5,204,162	748,689
Total Project Plan	$ 217,128,104	$ 118,924,223	$ 98,203,881

DEBT

Additional Financial Data	FY2019 Budget	FY2019 Estimate	FY2020 Budget
Debt Service	$ 3,645,751	$ 3,649,846	$ 3,765,751
Principal	$ 3,100,000	$ 2,985,000	$ 3,220,000
Interest	$ 545,751	$ 664,846	$ 545,751
	Balance as of 6/30/18	**Projected Balance as of 6/30/19**	**Projected Balance as of 6/30/20**
Year End Outstanding (Principal)			
Bond Debt	$ 38,260,020	$ 35,275,020	$ 32,055,020
Bank Loan	$ -	$ -	$ -
Line of Credit	$ -	$ -	$ -
Developer Agreement	$ -	$ -	$ -
Other	$ -	$ -	$ -

CITY OF HOUSTON
ECONOMIC DEVELOPMENT DIVISION
FISCAL YEAR 2020 BUDGET DETAIL

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

TIRZ Budget Line Items	FY2019 Budget	FY2019 Estimate	FY2020 Budget
RESOURCES			
RESTRICTED Funds - Capital Projects	$ 24,102,326	$ 27,452,321	$ 7,897,323
RESTRICTED Funds - Affordable Housing	$ -	$ -	$ -
RESTRICTED Funds - Bond Debt Service	$ 4,205,676	$ 3,657,168	$ 4,613,689
Beginning Balance	**$ 28,308,002**	**$ 31,109,489**	**$ 12,511,012**
City tax revenue	$ 18,940,967	$ 15,907,739	$ 15,911,730
County tax revenue	$ -	$ -	$ -
Incremental property tax revenue	**$ 18,940,967**	**$ 15,907,739**	**$ 15,911,730**
	$ -	$ -	$ -
	$ -	$ -	$ -
	$ -	$ -	$ -
	$ -	$ -	$ -
Miscellaneous revenue	**$ -**	**$ -**	**$ -**
COH TIRZ interest	$ -	$ -	$ -
Interest Income	$ 36,969	$ 36,969	$ 36,969
Other Interest Income	**$ 36,969**	**$ 36,969**	**$ 36,969**
	$ -	$ -	$ -
	$ -	$ -	$ -
Grant Proceeds	**$ -**	**$ -**	**$ -**
	$ -	$ -	$ -
Proceeds from Bank Loan	**$ -**	**$ -**	**$ -**
Series 2019	$ 36,000,000	$ -	$ 31,719,917
Series 2020			$ 26,343,105
Contract Revenue Bond Proceeds	**$ 36,000,000**	**$ -**	**$ 58,063,022**
TOTAL AVAILABLE RESOURCES	$ 83,285,938	$ 47,054,197	$ 86,522,733

CITY OF HOUSTON
ECONOMIC DEVELOPMENT DIVISION
FISCAL YEAR 2020 BUDGET DETAIL

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

TIRZ Budget Line Items	FY2019 Budget	FY2019 Estimate	FY2020 Budget
EXPENDITURES			
Accounting	$ 11,500	$ 12,117	$ 12,500
Administration Salaries & Benefits	$ 102,000	$ 99,000	$ 102,000
Auditor	$ 20,500	$ 23,500	$ 23,500
Bond Services/Trustee/Financial Advisor	$ 4,400	$ 7,552	$ 7,500
Insurance	$ 1,000	$ 961	$ 1,000
Office Administration	$ -	$ -	$ -
TIRZ Administration and Overhead	**$ 139,400**	**$ 143,130**	**$ 146,500**
Engineering Consultants	$ 60,000	$ 131,155	$ 60,000
Legal	$ 75,000	$ 25,492	$ 50,000
Construction Audit	$ 5,000	$ -	$ 5,000
Planning Consultants	$ -	$ -	$ -
Program and Project Consultants	**$ 140,000**	**$ 156,647**	**$ 115,000**
Management consulting services	**$ 279,400**	**$ 299,777**	**$ 261,500**
Capital Expenditures (See CIP Schedule)	$ 17,716,666	$ 25,610,478	$ 31,503,941
TIRZ Capital Expenditures	**$ 17,716,666**	**$ 25,610,478**	**$ 31,503,941**
T&C Way Partners, LLC	$ 1,771,000	$ 1,686,455	$ 284,000
MetroNational - Detention & Roadway Construction	$ -	$ -	$ 3,050,000
Town Center Partners, Ltd	$ -	$ -	$ -
Developer / Project Reimbursements	**$ 1,771,000**	**$ 1,686,455**	**$ 3,334,000**
Bond Debt Service (Series 2008)			
Principal	$ 510,000	$ 490,000	$ 510,000
Interest	$ 35,155	$ 57,405	$ 35,155
Bond Debt Service (Series 2011)			
Principal	$ 625,000	$ 600,000	$ 625,000
Interest	$ 227,332	$ 249,872	$ 227,332
Bond Debt Service (Series 2011A)			
Principal	$ 1,965,000	$ 1,895,000	$ 1,965,000
Interest	$ 283,264	$ 357,569	$ 283,264
Bond Series (Series 2016)			
Principal	$ 120,000	$ 115,000	$ 120,000
Interest	$ 428,498	$ 528,136	$ 428,498
Trustee Fee	$ 9,500	$ 9,500	$ 9,500
Cost of Issuance			
Bond Series (Series 2019)			
Principal	$ -	$ -	$ -
Interest	$ 595,789	$ -	$ 421,144
Cost of Issuance	$ -	$ -	$ -
Bond Series (Series ####)			
Principal	$ -	$ -	$ -
Interest	$ -	$ -	$ -
Cost of Issuance	$ -	$ -	$ -
Loan debt service			
Principal	$ -	$ -	$ -
Interest	$ -	$ -	$ -
Line of Credit			
Principal	$ -	$ -	$ -
Interest	$ -	$ -	$ -
Convenience Fee	$ -	$ -	$ -
System debt service	**$ 4,799,538**	**$ 4,302,482**	**$ 4,624,893**
TOTAL PROJECT COSTS	**$ 24,566,604**	**$ 31,899,192**	**$ 39,724,334**

CITY OF HOUSTON
ECONOMIC DEVELOPMENT DIVISION
FISCAL YEAR 2020 BUDGET DETAIL

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

TIRZ Budget Line Items	FY2019 Budget	FY2019 Estimate	FY2020 Budget
Payment/transfer to ISD - educational facilities	$ -	$ -	$ -
Adminstration Fees:			
City	$ 947,048	$ 795,387	$ 795,587
County	$ -	$ -	$ -
Affordable Housing:			
City	$ -	$ -	$ -
County	$ -	$ -	$ -
Municipal Services Charge	$ 2,256,619	$ 2,256,619	$ 2,256,619
Municipal Services - Supplemental	$ -	$ -	$ -
Total Transfers	**$ 3,203,667**	**$ 3,052,006**	**$ 3,052,206**
Total Budget	$ 27,770,271	$ 34,951,198	$ 42,776,540
RESTRICTED Funds - Capital Projects	$ 44,610,222	$ 7,897,323	$ 35,458,220
RESTRICTED Funds - Affordable Housing	$ -	$ -	$ -
RESTRICTED Funds - Bond Debt Service	$ 10,905,445	$ 4,205,676	$ 8,287,973
Ending Fund Balance	**$ 55,515,667**	**$ 12,102,999**	**$ 43,746,193**
Total Budget & Ending Fund Balance	$ 83,285,938	$ 47,054,197	$ 86,522,733

Council District	CIP No.	Project	Fiscal Year Planned Appropriations								
			Through 2018	Projected 2019	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
G	T-1701	Gessner Widening Barryknoll to I-10	$ 11,029,427	-	-	-	-	-	-	-	11,029,427
A	T-1702	Bunker Hill Widening I-10 to Long Point	$ 6,099,259	-	-	-	-	-	-	-	6,099,259
A	T-1709	Improvement to Lumpkin from I-10 to Northbrook	$ 17,505,973	-	-	-	-	-	-	-	17,505,973
G	T-1712	Bunker Hill South of IH 10 Mobility Improvements	$ 1,857	-	-	-	-	-	-	-	1,857
G	T-1714	Frostwood Drive and Kingsride Drainage Improvements	$ 24,023	-	-	400,000	8,400,000	-	-	8,800,000	8,824,023
G	T-1715A	Barryknoll East Drainage Improvements	$ 7,322,178	-	-	-	-	-	-	-	7,322,178
G	T-1715B	Barryknoll West Drainage Improvements	$ 36,374	-	-	-	-	800,000	2,000,000	2,800,000	2,836,374
G	T-1716	Queensbury Drainage Improvements	$ 545,086	-	-	-	-	-	-	-	545,086
G	T-1717	Town and Country West Drainage and Mobility Improvements	$ 3,399,366	2,830,265	-	-	-	-	-	-	6,229,631
G	T-1718	Kimberly near Beltway 8 Drainage Improvements	$ 1,442,725	-	-	-	-	-	-	-	1,442,725
G	T-1719	Kingsride East Bound at Gessner	$ 669,167	-	-	-	-	-	-	-	669,167
G	T-1722	Town and Country Blvd. at Queensbury Signalization	$ 13,065	131	-	-	-	-	-	-	13,196
G	T-1724	Gessner at Barryknoll Intersection Improvements	$ -	-	-	-	-	-	-	-	-
A,G	T-1725	Park and Green Space Improvements	$ 183,993	26,530	125,000	125,000	100,000	100,000	-	450,000	640,523
G	T-1726	West Bough Roadway Improvements	$ 5,873	-	-	-	-	-	-	-	5,873
A	T-1727	N. Gessner Preliminary Engineering	$ 18,669	-	-	-	-	-	-	-	18,669
A	T-1728	Westview and Lumpkin enhanced sidewalk/bus	$ -	-	-	-	-	-	-	-	-
A	T-1731A	Detention Basin and W-140	$ 10,554,355	13,108	-	-	-	-	-	-	10,567,463
A	T-1731B	Memorial Drive Drainage and Mobility	$ -	240	-	-	-	-	-	-	240
A	T-1732A	N. Gessner Drainage and Mobility Improvement, I-10 to Longpoint	$ 511,989	13,460,150	3,636,000	-	-	-	-	3,636,000	17,608,139
A	T-1732B	N. Gessner Drainage Phase 2 - (combined with T - 1732A)	$ 72,654	-	-	-	-	-	-	-	72,654
A	T-1733A	N. Witte Drainage and Mobility Improvement - Phase 1	$ 81,041	-	-	-	-	-	-	-	81,041
A	T-1733B	N. Witte Drainage and Mobility Improvement - Phase 2	$ 73,280	-	-	-	-	-	-	-	73,280
A	T-1734	W140 Channel Improvements with Bridge and Straws	$ 1,274,207	8,131,399	12,932,941	100,000	-	-	-	13,032,941	22,438,547
A	T-1734B	Bunker Hill Bridge and Straws (Combined with T-1734)	$ -	-	-	-	-	-	-	-	-
G	T-1735	Detention Basin A	$ -	209,790	6,000,000	1,000,000	28,000,000	-	-	35,000,000	35,209,790
G	T-1735A	Detention Basin B	$ -	-	-	-	-	-	750,000	750,000	750,000
G	T-1738A	Memorial Drive Drainage and Mobility Improvement Project - Phase 1	$ 335,038	938,865	8,700,000	13,000,000	-	-	-	21,700,000	22,973,903
G	T-1738B	Memorial Drive Drainage and Mobility Improvement Project - Phase 2**	$ -	-	50,000	500,000	500,000	12,400,000	-	13,450,000	13,450,000
A,G	T-1739	Regional Drainage Solution Preparatory Engineering**	$ -	-	-	-	-	-	-	-	-
A,G	T-1740	CIP FORM A	$ -	-	-	-	-	-	-	-	-
A,G	T-1741	FUTURE CIP PROJECT	$ -	-	-	-	-	-	-	-	-
A,G	T-1742	FUTURE CIP PROJECT	$ -	-	-	-	-	-	-	-	-
A,G	T-1799	Concrete Panel Replacement Program	$ -	-	60,000	60,000	60,000	60,000	60,000	300,000	300,000
Totals			$ 61,179,599	$ 25,610,478	$ 31,503,941	$ 15,185,000	$ 37,060,000	$ 13,360,000	2,810,000	99,918,941	$ 186,709,018

* 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.

** NOTE:

Source of Funds	Fiscal Year Planned Appropriations								
	Through 2018	Projected 2019	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
TIRZ Funds	61,179,599	25,607,345	28,103,941	2,185,000	14,660,000	3,660,000	2,810,000	51,418,941	138,205,885
City of Houston	-	-	-	-	-	-	-	-	-
Grants	-	-	3,400,000	13,000,000	22,400,000	9,700,000	-	48,500,000	48,500,000
Other	-	-	-	-	-	-	-	-	-
Project Total	**61,179,599**	**25,607,345**	**31,503,941**	**15,185,000**	**37,060,000**	**13,360,000**	**2,810,000**	**99,918,941**	**186,705,885**

Project:	Frostwood Drive and Kingsride Drainage Improvements	City Council District		Key Map:		WBS.:	T-1714
		Location:	G	Geo. Ref.:			
		Served:	G	Neighborhood:	16		

Description:	Storm sewer improvements on Frostwood Drive and Kingsride between IH-10 and Gessner. Improvements are intended to provide benefit to study area and adjacent neighborhood.
Justification:	Drainage improvement needed to adequately convey storm sewer water to a regional detention basin

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	-	-	-	-	-	-	-	$ -	$ -
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	23,643	-	-	-	400,000	400,000	-	-	$ 800,000	$ 823,643
4	Construction	-	-	-	-	-	8,000,000	-	-	$ 8,000,000	$ 8,000,000
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	380	-	-	-	-	-	-	-	$ -	$ 380
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		380	-	-	-	-	-	-	-	$ -	$ 380
Total Allocations		$ 24,023	$ -	$ -	$ -	$ 400,000	$ 8,400,000	$ -	$ -	$ 8,800,000	$ 8,824,023
Source of Funds											
TIRZ Funds		24,023	-	-	-	400,000	8,400,000	-	-	$ 8,800,000	$ 8,824,023
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-		-	-	-	-	$ -	$ -
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ 24,023	$ -	$ -	$ -	$ 400,000	$ 8,400,000	$ -	$ -	$ 8,800,000	$ 8,824,023

*NOTE:

Project:	**Barryknoll West Drainage Improvements**	**City Council District**		**Key Map:**	
		Location:	G	**Geo. Ref.:**	
		Served:	G	**Neighborhood:**	16

WBS.: T-1715B

Description: Storm sewer improvements on Barryknoll Lane from Gessner to drainage channel W151-00-00. Improvements are intended to provide benefit to study area and adjacent neighborhood.

Justification: Drainage improvement needed to adequately convey storm sewer water to drainage channel W151-00-00.

Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation	Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase										
1 Planning	-	-	-	-	-	-	-	-	$ -	$ -
2 Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3 Design	36,374	-	-	-	-	-	400,000	-	$ 400,000	$ 436,374
4 Construction	-	-	-	-	-	-	400,000	2,000,000	$ 2,400,000	$ 2,400,000
5 Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6 Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7 Other	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:	-	-	-	-	-	-	-	-	$ -	$ -
Total Allocations	$ 36,374	$ -	$ -	$ -	$ -	$ -	$ 800,000	$ 2,000,000	$ 2,800,000	$ 2,836,374
Source of Funds										
TIRZ Funds	36,374	-	-	-	-	-	800,000	2,000,000	$ 2,800,000	$ 2,836,374
City of Houston	-	-	-	-	-	-	-	-	$ -	$ -
Grants	-	-	-	-	-	-	-	-	$ -	$ -
Other	-	-	-	-	-	-	-	-	$ -	$ -
Total Funds	$ 36,374	$ -	$ -	$ -	$ -	$ -	$ 800,000	$ 2,000,000	$ 2,800,000	$ 2,836,374

*NOTE:

Project:	Town and Country West Drainage and Mobility Improvements	City Council District		Key Map:		WBS.:	T-1717
		Location:	G	Geo. Ref.:			
		Served:	G	Neighborhood:	16		

Description:	Upgrade existing drainage system with large boxes. Extend existing 40' roadway west to intersect with Beltway 8 NB frontage road. Build a roundabout to eliminate the offset in N & S Town and Country Blvd. All public utilities will be replaced
Justification:	Drainage improvements to eliminate frequent street flooding/ponding w/ 8+ ac-ft detention. Improve traffic flow by extending road to BW 8 Frontage. Eliminate offset in Town and Country Blvd w/ roundabout. (Drainage - 57% of project cost)

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	175,691	-	-	-	-	-	-	-	$ -	$ 175,691
2	Acquisition	2,100,000	-	-	-	-	-	-	-	$ -	$ 2,100,000
3	Design	1,121,502	-	-	-	-	-	-	-	$ -	$ 1,121,502
4	Construction	-	3,520,000	2,830,265	-	-	-	-	-	$ -	$ 2,830,265
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	2,173	-	-	-	-	-	-	-	$ -	$ 2,173
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		2,173	-	-	-	-	-	-	-	$ -	$ 2,173
Total Allocations		$ 3,399,366	$ 3,520,000	$ 2,830,265	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,229,631
Source of Funds											
TIRZ Funds		3,399,366	3,520,000	2,830,265	-	-	-	-	-	$ -	$ 6,229,631
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	-	-	-	-	$ -	$ -
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ 3,399,366	$ 3,520,000	$ 2,830,265	$ -	$ -	$ -	$ -	$ -	$ -	$ 6,229,631

*NOTE:

Project:	Park and Green Space Improvements	City Council District		Key Map:		WBS.:	T-1725
		Location:	A,G	Geo. Ref.:			
		Served:	A,G	Neighborhood:	10, 16		

Description:	Provide pedestrian friendly environment throughout the TIRZ. This includes pedestrian trails, bikeways, and public green space.
Justification:	Projects include funding for route studies, design, construction, and ROW acquisition.

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	-	-	-	-	-	-	-	$ -	$ -
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	103,835	25,000	26,530	25,000	25,000	-	-	-	$ 50,000	$ 180,365
4	Construction	60,000	100,000	-	100,000	100,000	100,000	100,000	-	$ 400,000	$ 460,000
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	158	-	-	-	-	-	-	-	$ -	$ 158
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		158	-	-	-	-	-	-	-	$ -	$ 158
Total Allocations		$ 163,993	$ 125,000	$ 26,530	$ 125,000	$ 125,000	$ 100,000	$ 100,000	$ -	$ 450,000	$ 640,523
Source of Funds											
TIRZ Funds		163,993	125,000	26,530	125,000	125,000	100,000	100,000	-	$ 450,000	$ 640,523
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	-	-	-	-	$ -	$ -
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ 163,993	$ 125,000	$ 26,530	$ 125,000	$ 125,000	$ 100,000	$ 100,000	$ -	$ 450,000	$ 640,523

*NOTE:

Project:	**N. Gessner Drainage and Mobility Improvement, I-10 to Longpoint**	**City Council District**		**Key Map:**	450W, 490A	**WBS.:**	**T-1732A**
		Location:	A	**Geo. Ref.:**			
		Served:	A	**Neighborhood:**	10		
Description:	Reconstruct N. Gessner between IH-10 and Westview with new pavement, improved drainage, and access management mobility improvements. Project includes updated traffic signals at Westview.						
Justification:	Documented issues with drainage, mobility, access management, and pavement condition.						

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

	Project Allocation	Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
	Phase										
1	Planning	69,204	-	-	-	-	-	-	-	$ -	$ 69,204
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	433,954	597,100	1,035,107	236,000	-	-	-	-	$ 236,000	$ 1,705,061
4	Construction	-	-	12,425,043	3,400,000	-	-	-	-	$ 3,400,000	$ 15,825,043
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	8,831	-	-	-	-	-	-	-	$ -	$ 8,831
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
	Other Sub-Total:	8,831	-	-	-	-	-	-	-	$ -	$ 8,831
	Total Allocations	$ 511,989	$ 597,100	$ 13,460,150	$ 3,636,000	$ -	$ -	$ -	$ -	$ 3,636,000	$ 17,608,139
	Source of Funds										
	TIRZ Funds	511,989	597,100	13,460,150	236,000	-	-	-	-	$ 236,000	$ 14,208,139
	City of Houston	-	-	-	-	-	-	-	-	$ -	$ -
	Grants	-	-	-	3,400,000		-	-	-	$ 3,400,000	$ 3,400,000
	Other	-	-	-	-	-	-	-	-	$ -	$ -
	Total Funds	$ 511,989	$ 597,100	$ 13,460,150	$ 3,636,000	$ -	$ -	$ -	$ -	$ 3,636,000	$ 17,608,139

*NOTE:

Project:	**W140 Channel Improvements with Bridge and Straws Straws**	**City Council District**		**Key Map:**	
		Location:	A	**Geo. Ref.:**	
		Served:	A	**Neighborhood:**	
Description:	W140-01 Channel from Gessner Drive to the Briar Branch Detention Basin to the east.	**WBS.:**	**T-1734**		
Justification:	Increase capacity of W140-01 Channel to reduce flooding and street ponding in surrounding areas. Will provide approximately 14 acre feet of new detention capacity to the system.				

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	-	-	-	-	-	-	-	$ -	$ -
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	1,260,619	130,000	380,478	1,250,000	-	-	-	-	$ 1,250,000	$ 2,891,097
4	Construction	-	6,185,000	7,750,921	11,682,941	-	-	-	-	$ 11,682,941	$ 19,433,862
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	13,588	-	-	-	100,000	-	-	-	$ 100,000	$ 113,588
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		13,588	-	-	-	100,000	-	-	-	$ 100,000	$ 113,588
Total Allocations		$ 1,274,207	$ 6,315,000	$ 8,131,399	$ 12,932,941	$ 100,000	$ -	$ -	$ -	$ 13,032,941	$ 22,438,547
Source of Funds											
TIRZ Funds		1,274,207	6,315,000	8,131,399	12,932,941	100,000	-	-	-	$ 13,032,941	$ 22,438,547
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	-	-	-	-	$ -	$ -
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ 1,274,207	$ 6,315,000	$ 8,131,399	$ 12,932,941	$ 100,000	$ -	$ -	$ -	$ 13,032,941	$ 22,438,547

*NOTE:

Project:	Detention Basin A	City Council District		Key Map:		WBS.:	T-1735
		Location:	G	Geo. Ref.:			
		Served:	G	Neighborhood:			

Description:	Detention Basin A. Project may involve multiple phases.
Justification:	Storm water storage needed for Regional Drainage Study recommendations specific to 100-year flood event. Mitigate flooding in surrounding residential and commercial areas.

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	1,000,000	209,790	1,000,000	-	-	-	-	$ 1,000,000	$ 1,209,790
2	Acquisition	-	-	-	5,000,000	1,000,000	-	-	-	$ 6,000,000	$ 6,000,000
3	Design	-	-	-	-	-	-	-	-	$ -	$ -
4	Construction	-	-	-	-	-	28,000,000	-	-	$ 28,000,000	$ 28,000,000
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		-	-	-	-	-	-	-	-	$ -	$ -
Total Allocations		$ -	$ 1,000,000	$ 209,790	$ 6,000,000	$ 1,000,000	$ 28,000,000	$ -	$ -	$ 35,000,000	$ 35,209,790
Source of Funds											
TIRZ Funds		-	1,000,000	209,790	6,000,000	1,000,000	5,600,000	-	-	$ 12,600,000	$ 12,809,790
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	-	22,400,000	-	-	$ 22,400,000	$ 22,400,000
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ -	$ 1,000,000	$ 209,790	$ 6,000,000	$ 1,000,000	$ 28,000,000	$ -	$ -	$ 35,000,000	$ 35,209,790

NOTE: CIP T-1735 reflects the Memorial City Redevelopment Authority's commitment to the acquisition, design and construction of detention basins to provide drainage solutions in the region.

Project:	Detention Basin B	City Council District		Key Map:		WBS.:	T-1735A
		Location:	G	Geo. Ref.:			
		Served:	G	Neighborhood:			

Description: Detention Basin B. Project may involve multiple phases.

Justification: Storm water storage needed for Regional Drainage Study recommendations specific to 100-year flood event. Mitigate flooding in surrounding residential and commercial areas.

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	-	-	-	-	-	-	750,000	$ 750,000	$ 750,000
2	Acquisition	-	-	-	-	-	-	-		$ -	$ -
3	Design	-	-	-	-	-	-	-	-	$ -	$ -
4	Construction	-	-	-	-	-	-	-	-	$ -	$ -
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		-	-	-	-	-	-	-	-	$ -	$ -
Total Allocations		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000	$ 750,000	$ 750,000
Source of Funds											
TIRZ Funds		-	-	-	-	-	-	-	750,000	$ 750,000	$ 750,000
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	-	-	-	-	$ -	$ -
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ 750,000	$ 750,000	$ 750,000

NOTE: 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.

Project:	**Memorial Drive Drainage and Mobility Improvement Project - Phase 1**	**City Council District**		**Key Map:**		**WBS.:**	**T-1738A**
		Location:	G	**Geo. Ref.:**			
		Served:	G	**Neighborhood:**			
Description:	The installation of dual 10'x10' concrete boxes to reduce overland flows to neighboring areas. The rdwy will be improved to curb and gutter w/ raised medians to improve mobility and access management. Wider sidewalks added to promote pedestrian friendly environment.						
Justification:	Improve Safety, mobility & drainage. Improve rdwy to meet current standards. Drainage improvements to convey storm water to reduce frequent street flooding. Provide 10+ ac-ft detention. Add sidewalks & shared use path. (Drainage - 60% of project cost)						

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	119,491	-	-	-	-	-	-	-	$ -	$ 119,491
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	210,136	400,000	938,865	400,000	-	-	-	-	$ 400,000	$ 1,549,001
4	Construction	-	-	-	8,300,000	13,000,000	-		-	$ 21,300,000	$ 21,300,000
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	5,411	-	-	-	-	-	-	-	$ -	$ 5,411
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		5,411	-	-	-	-	-	-	-	$ -	$ 5,411
Total Allocations		$ 335,038	$ 400,000	$ 938,865	$ 8,700,000	$ 13,000,000	$ -	$ -	$ -	$ 21,700,000	$ 22,973,903
Source of Funds											
TIRZ Funds		335,038	400,000	938,865	8,700,000	-		-	-	$ 8,700,000	$ 9,973,903
City of Houston		-	-	-	-	-	-	-	-	$ -	$ -
Grants		-	-	-	-	13,000,000	-	-	-	$ 13,000,000	$ 13,000,000
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ 335,038	$ 400,000	$ 938,865	$ 8,700,000	$ 13,000,000	$ -	$ -	$ -	$ 21,700,000	$ 22,973,903

Project:	**Memorial Drive Drainage and Mobility Improvement Project - Phase 2****	**City Council District**		**Key Map:**		**WBS.:**	**T-1738B**
		Location:	G	**Geo. Ref.:**			
		Served:	G	**Neighborhood:**	16		
Description:	Flooding and drainage improvements based on recommendations of the Regional Drainage Study to address flooding on the W153-00 and improve mobility and pedestrian safety on Memorial Drive within the boundaries of the TIRZ.						
Justification:	Project will improve storm water drainage system and reconstruct Memorial Drive (Tallowood to Bunker Hill City Limits).						

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation		Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase											
1	Planning	-	50,000	-	50,000	-	-	-	-	$ 50,000	$ 50,000
2	Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3	Design	-	-	-	-	500,000	500,000	-	-	$ 1,000,000	$ 1,000,000
4	Construction	-	-	-	-	-	-	12,400,000	-	$ 12,400,000	$ 12,400,000
5	Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6	Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7	Other	-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
		-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:		-	-	-	-	-	-	-	-	$ -	$ -
Total Allocations		$ -	$ 50,000	$ -	$ 50,000	$ 500,000	$ 500,000	$ 12,400,000	$ -	$ 13,450,000	$ 13,450,000
Source of Funds											
TIRZ Funds		-	50,000	-	50,000	500,000	500,000	2,700,000	-	$ 3,750,000	$ 3,750,000
City of Houston		-	-	-	-	-		-	-	$ -	$ -
Grants		-	-	-	-	-	-	9,700,000	-	$ 9,700,000	$ 9,700,000
Other		-	-	-	-	-	-	-	-	$ -	$ -
Total Funds		$ -	$ 50,000	$ -	$ 50,000	$ 500,000	$ 500,000	$ 12,400,000	$ -	$ 13,450,000	$ 13,450,000

NOTE:

Project:	Concrete Panel Replacement Program	City Council District		Key Map:		WBS.:	T-1799
		Location:	A,G	Geo. Ref.:			
		Served:	A,G	Neighborhood:			
Description:	Street maintenance program						
Justification:	Mobility improvements to extend life of roads.						

Operating and Maintenance Costs: ($ Thousands)

	2020	2021	2022	2023	2024	Total
Personnel	-	-	-	-	-	$ -
Supplies	-	-	-	-	-	$ -
Svcs. & Chgs.	-	-	-	-	-	$ -
Capital Outlay	-	-	-	-	-	$ -
Total	$ -	$ -	$ -	$ -	$ -	$ -
FTEs						-

Fiscal Year Planned Expenses

Project Allocation	Projected Expenses thru 6/30/18	2019 Budget	2019 Estimate	2020	2021	2022	2023	2024	FY20 - FY24 Total	Cumulative Total (To Date)
Phase										
1 Planning	-	-	-	-	-	-	-	-	$ -	$ -
2 Acquisition	-	-	-	-	-	-	-	-	$ -	$ -
3 Design	-	-	-	-	-	-	-	-	$ -	$ -
4 Construction	-	-	-	-	-	-	-	-	$ -	$ -
5 Equipment	-	-	-	-	-	-	-	-	$ -	$ -
6 Close-Out	-	-	-	-	-	-	-	-	$ -	$ -
7 Other	-	35,000	-	60,000	60,000	60,000	60,000	60,000	$ 300,000	$ 300,000
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
	-	-	-	-	-	-	-	-	$ -	$ -
Other Sub-Total:	-	35,000	-	60,000	60,000	60,000	60,000	60,000	$ 300,000	$ 300,000
Total Allocations	$ -	$ 35,000	$ -	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000	$ 300,000
Source of Funds										
TIRZ Funds	-	35,000	-	60,000	60,000	60,000	60,000	60,000	$ 300,000	$ 300,000
City of Houston	-	-	-	-	-	-	-	-	$ -	$ -
Grants	-	-	-	-	-	-	-	-	$ -	$ -
Other	-	-	-	-	-	-	-	-	$ -	$ -
Total Funds	$ -	$ 35,000	$ -	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 60,000	$ 300,000	$ 300,000

AGENDA MEMORANDUM

TO: Memorial City Redevelopment Authority TIRZ No. 17 Board of Directors

FROM: Executive Director

SUBJECT: Agenda Item Materials

6. CIP Committee:

a. Project update from Gauge Engineering LLC

i. Consider Pay Application No. 11 Briar Branch Channel and Straws Improvements, from Reytec Construction, in the amount of $1,189,375.93

ii. Consider Pay Application No. 12 Briar Branch Channel and Straws Improvements, from Reytec Construction, in the amount of $259,471.52

b. Project update from LAN

c. Project update from the Goodman Corporation

d. Project update from SWA

TIRZ 17
REDEVELOPMENT
AUTHORITY

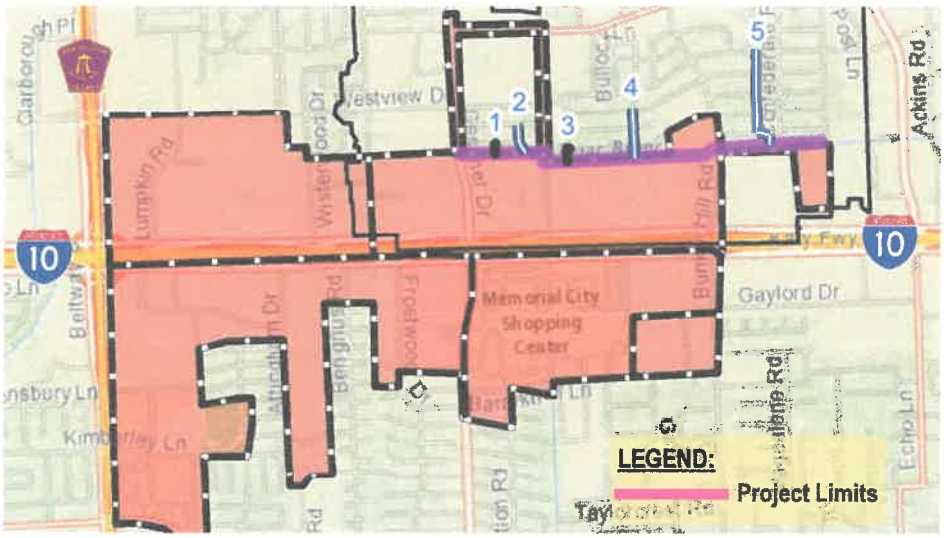
PROGRESS REPORT—NOVEMBER 2019

Briar Branch (W140-01-00) Channel & Straws Improvements

WBS No. N-T17000-0018-3, T-1734 & T-1734B

PROJECT LOCATION

The channel improvement project is approximately 6,200 feet long, from Gessner Road east to Oak Tree Drive, approximately 1,750 feet east of Bunker Hill Road. This project is located in City Council District A.



PROJECT STATUS

- Currently working at Witte Road.
- The water line lowering is expected to be take place in December. This will allow the boxes to proceed across Witte into the junction box.
- Straws 1, and 2 completed –only needs site restoration.
- Straw 4 construction is still ongoing
- Retaining wall completed
- Bunker Hill Road fully open to traffic

CURRENT TRAFFIC CONTROL CONFIGURATION

- Full road closure at Witte Road, necessary detour markings and signs have been installed

PROJECT OBJECTIVE

Improve drainage by increasing conveyance and storage

The Briar Branch (W140-01-00) Channel & Straws Improvements project involves the construction of storm drainage improvements that are designed to lower water levels on Briar Branch, provide flood mitigation storage, and deliver flooding relief and protection to the surrounding community.

PROJECT DESCRIPTION

- The channel improvement project is approximately 6,200 feet long, from Gessner Road east to Oak Tree Drive, approximately 1,750 feet east of Bunker Hill Road. The proposed channel improvements will include constructing box culverts ranging in size from 7-FT x 7-FT to 10-FT x 8-FT RCBs along the length of the system, effectively enclosing the channel.

- The Straw improvements consist of approximately 2,600 linear feet of perpendicular improvements at five (5) separate lateral locations along Briar Branch, from Gessner Road east to Confederate Lane, approximately 1,000 feet east of Bunker Hill Road.

- Included in the channel improvements is the reconstruction of the Bunker Hill Road crossing at Briar Branch from dual 7-FT x 7-FT RCBs to triple 8'x8' RCBs.

Cont. PROGRESS REPORT—NOVEMBER 2019

Briar Branch (W140-01-00) Channel & Straws Improvements

WBS No. N-T17000-0018-3, T-1734 & T-1734B

CONSTRUCTION TIME

- Contract time: 24 Months
- Notice to Proceed date: December 17, 2018

CONTACT INFORMATION

Construction Manager (CM)
Gauge Engineering
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Contractor
Reytec Construction Resources
1901 Hollister St.
Houston, TX 77080

PAYMENT ESTIMATES

Original Contract Amount	$18,794,957.00
Change Order Amount to Date	$225,362.50
Current Contract Amount	$19,020,319.50
Previous Payments	$11,117,256.74
Current Payment (s) Due	$1,189,375.93 & $259,471.52
Contract Completion Date	12/21/2020
Balance Remaining	$4,144,455.88

PROGRESS PHOTOS

Placing sod on Springrock

Finished sod on Springrock.

Preparing for junction box installation at Witte Rd.

Backfill and cleanup along Witte Rd.

TIRZ 17
REDEVELOPMENT
AUTHORITY

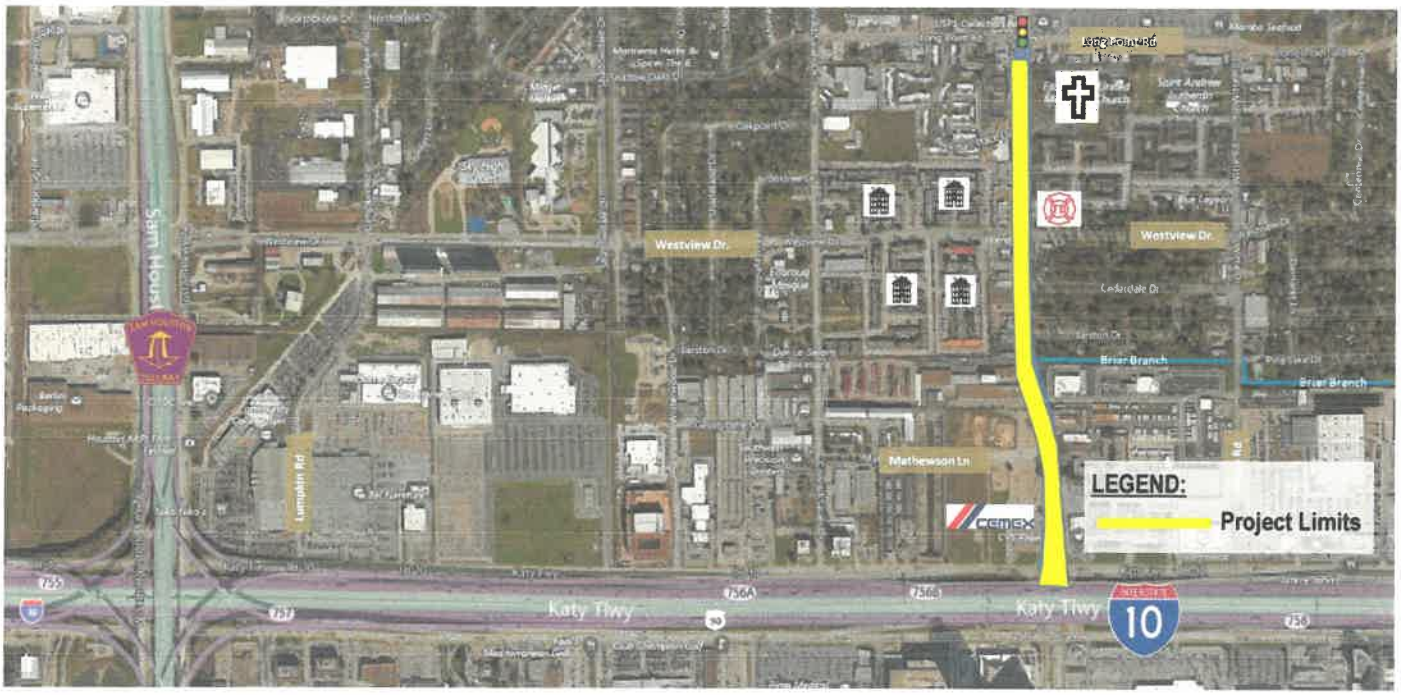
PROGRESS REPORT—NOVEMBER 2019

Gessner Road Improvements

WBS No. N-T17000-0010-3, CSJ: 0912-72-373 (T-1732A & T-1732B)

PROJECT LOCATION

The Gessner Rd improvement project is approximately 3,200 feet long, from North of Interstate 10 to south of Long Point. This project is located in City Council District A within the TIRZ 17 limits.



PROJECT DESCRIPTION:

Gessner Road is a major thoroughfare that carries approximately 42,000 vehicles per day. The Gessner Road Improvement project is one of the critical capital improvement projects to be undertaken by TIRZ 17, and will provide improved drainage, mobility and quality of life.

TIRZ 17 successfully secured federal funding to partially fund the construction of Gessner Road. Construction bids were received in early July. The lowest bidder was SER Construction Partners, LLC. SER has successfully completed multiple other TIRZ 17 projects including Lumpkin Road and the Town & Country Ln. Roundabout; both also included significant detention enhancements.

The project proposes to improve drainage issues, mobility, access management, traffic operations, and safety within the project limits. To accomplish these objectives will require full roadway reconstruction, additional storm sewer box culverts (up to 10-FT x 5-FT) will be added to supplement the existing box culvert, the aging water lines are approaching their useful service life and will be replaced, wider sidewalks with soft and hardscape amenities, adhering to the TIRZ's adopted Standards, will be added along with theater district street lighting and the traffic signal at Westview will be fully replaced.

Gauge ENGINEERING

Cont. PROGRESS REPORT—NOVEMBER 2019

Gessner Road Improvements

WBS No. N-T17000-0010-3, CSJ: 0912-72-373 (T-1732A & T-1732B)

CONSTRUCTION TIME

- Contract time: 20 Months
- Notice to Proceed date: October 28, 2019

CONTACT INFORMATION

Construction Management
TxDOT—Houston District

Engineer of Record (EOR)
Gauge Engineering

Contractor
SER Construction Partners

PROJECT STATUS

- Concrete Median has been removed and temporary asphalt is being installed in preparation for traffic control configuration
- Water line work will commence shortly once all traffic control setup is completed
- Gauge has responded to thirteen (13) Submittals and two (2) Request for Information (RFIs) in preparation for the upcoming work.

CURRENT TRAFFIC CONTROL CONFIGURATION

- Both northbound and southbound inside lanes are closed
- Two northbound and southbound lanes are open

PROGRESS PHOTOS

Removal of concrete medians

Laying asphalt in medians

Asphalt installed in medians

Current traffic control configuration

November 20, 2019

Scott Bean
Memorial City Redevelopment Authority/TIRZ 17
9610 Long Point, Suite 150
Houston, Texas 77055

Reference: Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage Improvements
Gauge Project No.: 1005
WBS No. N-T17000-0018-3 (T-1734 & T-1734B)
Reytec Construction Resources, Inc. Payment No. 11

Dear Mr. Bean:

Reytec Construction Resources, Inc. (Reytec) has submitted estimate No. 11 in the amount of $1,189,375.93 for construction services rendered through October 31, 2019. Based on our review, Reytec has complied with all requirements stated in the estimate and we recommend payment of **$1,189,375.93** to Reytec.

The following billing information is to be used for payment:

Reytec Construction Resources, Inc.
1901 Hollister St.
Houston, TX 77080

If you have any questions or require additional information, please feel free to contact me at (832) 318-8800.

Sincerely,

Muhammad Ali, P.E.
Project Manager

Enclosures: Reytec Pay Est. No. 11

Estimate No.	11
Cut off Date	10/31/19
Estimate Date	11/06/19

Memorial City Redevelopment Authority/TIRZ 17
Estimate and Certificate for Payment Unit Price Work

Gauge ENGINEERING

Project Name : Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage
Contractor Name : Reytec Construction Resources, Inc.
Address : 191 Hollister St., Houston, Texas 77080

WBS No. N-T17000-0018-3 (T-1734 & T-1734B)

Contract Date : 11/31/2018
Start Date : 12/17/2018
Current Contract Completion Date : 12/21/2020
Substantial Completion Date :
Percentage By Time : 43.27% In Place : 76.77%
Date Insurance Exp. : 10/16/2020 Drug Policy Due Date: N/A Current M/SBE : 11.43%

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time	:	714
Approved Extensions	:	0
Total Contract Time	:	735
Days Used to Date	:	318
Days Remaining to Date	:	417
Schedule Update	:	10/24/2019

CONTRACT AMOUNT TO DATE :

1- Original Contract Amount **$18,794,957.00**

2- Approved Change Orders

No.	Date	Ext.Days	Amount
1		21	$225,362.50

Total Approved Extentions 21 Total Change Orders to Date **$225,362.50**

3- Approved Work Change Directives

No.	Date	Ext.Days	Amount

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

TOTAL CONTRACT AMOUNT (excludes WCDs) **$19,020,319.50**

A. EARNINGS TO DATE

			Current Month Billing	$1,251,974.67
1- Work Completed to Date	76.77% Complete			$14,602,735.71
2- Material Stored on Site	$0.00			
3- Material Stored in Place	$0.00			
4- Balance-Materials Accepted Not in Place	$0.00	@ 85%		$0.00
5- Work Change Directives - In Place				$0.00

TOTAL EARNINGS TO DATE $14,602,735.71

B. DEDUCTIONS

1- Retainage	5%	Of	$14,602,735.71	$730,136.79	
2- Retainage Release	0%	Of	$14,602,735.71	$0.00	
3- Total Retainage					$730,136.79
4- Liquidated Damages		0.00	Days @ $5,000.00		$0.00
5- Assessments					$0.00
6- Inspector Overtime Costs					$0.00

TOTAL DEDUCTIONS $730,136.79

C. AMOUNT DUE THIS PERIOD

1- Total Earnings to Date	$14,602,735.71	
2- Total Deductions	$730,136.79	
3- Total Payments Due		$13,872,598.92
4- Less Previous Payments		$12,683,222.99
5- Restoration Adjustment		$0.00

TOTAL AMOUNT DUE CONTRACTOR THIS DATE $1,189,375.93
BALANCE REMAINING $4,417,583.79

Prepared By Karam Qaddo, P.E. 11/15/2019 Date

Reviewed By Muhammad Ali, P.E. 11/20/2019 Date

Approved By: Scott Bean, TIRZ17 Executive 12/03/2019 Date

Reytec Construction Resources, Inc.

1901 Hollister
Houston, Texas 77080
Office 713.957.4003
Fax 713.681.0077

Briar Branch Channel & Straws Improvements Project Pay Application

November 6,2019

Mr. Muhammad Ali
Gauge Engineering
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Re: Memorial City Redevelopment Authority
Briar Branch (W140-01-00) Channel and Straws Improvements Project
WBS No. N-T17000-0018-3

Dear Muhammad,

Please see attached for pay application 011 for October 2019, Briar Branch (W 140-01-00) Channel and Straws Improvements.

Thanks,

Keegan Droxler
Project Manager
Reytec Construction Resources
832-844-8322
kdroxler@reytec.net

APPLICATION AND CERTIFICATE FOR PAYMENT *AIA DOCUMENT G702*

TO (OWNER):
Memorial City Redevelopment Authority

PROJECT:
Briar Branch (W140-01-00) Channel and Straws Improvements

APPLICATION NO: 011

PERIOD TO: 10/1/2019 – 10/31/2019

FROM (CONTRACTOR):
Reytec Construction
1901 Hollister Rd.
Houston, Texas 77080
Ph. 713-957-4003; Fax 713-681-0077

PROJECT NO: WBS No. N-T17000-0018-3
TIRZ 17 CIP No T-1734 & T-1734B

CONTRACTOR'S APPLICATION FOR

CHANGE ORDER SUMMARY			
Change Orders approved in previous months by owner		ADDITIONS	DEDUCTIONS
TOTAL			
Approved this Month			
Number	Date		
TOTALS		$ -	
Net change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current Payment shown herein is now due

INSPECTOR:
By: _____ Date: _____

CONTRACTOR
By: _____ Date: 11/5/19

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1 **ORIGINAL CONTRACT SUM**	$	18,794,957.00
2. **Net change by Change Order**	$	0.00
3. **CONTRACT SUM TO DATE** (Line 1+2)	$	18,794,957.00
4. **TOTAL COMPLETED & STORED TO DATE**	$	14,602,735.71

5 **RETAINAGE:**
a. 5 % of Completed Work $ 730,136.79
b. _____ % of Stored Material _____

Total Retainage (Line 5a + 5b or	$	730,136.79
6. **TOTAL EARNED LESS RETAINAGE** (Line 4 less Line 5 Total)	$	13,872,598.92
7. **LESS PREVIOUS CERTIFICATES FOR PAYMENT** (Line 6 from prior Certificate)	$	12,683,222.99
8. **CURRENT PAYMENT DUE**	$	1,189,375.93
9. **BALANCE TO FINISH, PLUS RETAINAGE** (Line 3 less Line 6)	$	4,922,358.08

State of: Texas County of:
Subscribed and sworn to before me this 6th day of Nov 2019
Notary Public: _____
My Commission expires: 9/28/22

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

ARCHITECT'S CERTIFICATE FOR

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED $ 1,189,375.93
(Attach explanation if amount certified differs from the amount applied for)
ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Memorial City Redevelopment Authority/TIRZ 17

Affidavits of Payment and Unconditional Waivers of Liens

Reytec Construction Resources, Inc has been paid and has received a progress payment in the sum of $1,565,966.25 for services, equipment or material furnished to Memorial City Development Authority/TIRZ 17 for the Briar Branch Channel & Straws Improvements Project (WBS No. N-T17000-0018-3 located in Houston, Texas, and does hereby release any mechanic's lien or bond right that undersigned has on the above referenced project to the following extent. This release covers a progress payment for labor, services, equipment or material furnished to the Memorial City Redevelopment Authority/TIRZ 17 through September 30, 2019 only, and does not cover any retention if any labor, services, equipment or materials furnished after that date. The undersigned warrants that all undisputed amounts due to its equipment lessors, suppliers, subcontractors, labor, insurance and taxes applicable to this work have been paid in full through the date set forth and hold the Memorial City Redevelopment Authority/TIRZ 17 against any loss arising from the nonpayment thereof.

(Signature of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on:

11/06/2019
Date

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Terri Hardin
Print or Type Name of Notary Public

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Briar Branch Channel & Straws Improvements

Outline Agreement No.: _____ WBS No.: N-T17000-0018-3

Contractor's Company Name: Reytec Construction Resources

Address: 1901 Hollister St. Houston. Texas 77080

CERTIFICATION

Daniel Bonilla Jr, 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 of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on: 011/05/2019
Date

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Terri Hardin
Print or Type Name of Notary Public

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9610 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Raytec Construction Resources, Inc
1901 Hollister St.
Houston, Texas 77080

Todays Date: 11/5/2019
Pay Period: 10/01-10/31
Pay Estimate No. 011
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
	General Items										
1.0	Mobilization	LS	1	$600,000.00	$600,000.00	1.00		1.00	$ -	$ 600,000.00	100%
2.0	Portable Changeable Message Sign	Day	176	$90.00	$15,840.00	0.00		0.00	$ -	$ -	0%
3.0	Removable and Salvage Existing Sign	EA	11	$50.00	$550.00	0.00		0.00	$ -	$ -	0%
3.1	Project ID Sign	EA	1	$650.00	$650.00	1.00		1.00	$ -	$ 650.00	100%
3.2	Placement of Permanent Signs	EA	25	$310.00	$7,750.00	0.00		0.00	$ -	$ -	0%
3.3	Remove Existing Pavement Markings	EA	4	$150.00	$600.00	0.00		0.00	$ -	$ -	0%
4.0	Traffic Control and Regulation	EA	4	$17,500.00	$70,000.00	2.00		2.00	$ -	$ 35,000.00	50%
5.0	Install PreCast Concrete Traffic Barrier	LF	500	$32.00	$16,000.00	250.00		250.00	$ -	$ 8,000.00	50%
6.0	Relocate PreCast Concrete Traffic Barrier	LF	3000	$8.00	$24,000.00	0.00		0.00	$ -	$ -	0%
7.0	Remove PreCast Concrete Traffic Barrier	LF	500	$12.00	$6,000.00	0.00		0.00	$ -	$ -	0%
7.1	Remove and Replace Speed Cushions	LS	2	$4,500.00	$9,000.00	0.00		0.00	$ -	$ -	0%
8.0	Flagmen	EA	4	$12,500.00	$50,000.00	2.00		2.00	$ -	$ 25,000.00	50%
9.0	Tree and Plant Protection	EA	4	$20,000.00	$80,000.00	3.00		3.00	$ -	$ 60,000.00	75%
10.0	Inlet Protection Barrier (State I & II)	EA	92	$60.00	$5,520.00	19.00		19.00	$ -	$ 1,140.00	21%
11.0	Reinforced Filter Fabric Barrier	LF	12000	$1.50	$18,000.00	5232.00		5232.00	$ -	$ 7,848.00	44%
12.0	Stabilized Construction Exit	SY	144	$40.00	$5,760.00	123.00		123.00	$ -	$ 4,920.00	85%
13.0	Rock Filter Dams-Type 3	LF	35	$55.00	$1,925.00	8.00		8.00	$ -	$ 440.00	23%
14.0	Groundwater Control for Open-Cut Construction	LF	8727	$1.00	$8,727.00	0.00		0.00	$ -	$ -	0%
15.0	Site Restoration	LF	10715	$6.00	$64,290.00	0.00		0.00	$ -	$ -	0%
16.0	Adjust existing manhole frame and cover to new grade	EA	11	$1,400.00	$15,400.00	0.00		0.00	$ -	$ -	0%
17.0	Adjust existing valve box to new grade	EA	9	$470.00	$4,230.00	0.00		0.00	$ -	$ -	0%
18.0	Clearing and Grubbing	AC	8	$15,000.00	$119,100.00	7.95		7.95	$ -	$ 119,250.00	100%
19.0	Trench Safety System for Trench Excavations	LF	20183	$6.00	$121,098.00	17057.00	1621.00	18878.00	$ 9,726.00	$ 112,068.00	93%
20.0	Hydro Mulch Seeding	AC	4	$1,500.00	$5,985.00	0.00		0.00	$ -	$ -	0%
21.0	Sodding	SY	7890	$5.00	$39,450.00	0.00		0.00	$ -	$ -	0%
					$1,380,825.00		Subtotal General Items		$ 9,726.00	$ 974,316.00	71%
	Storm Items										
22.0	Remove and Dispose Manholes all size/depth	EA	3	$1,000.00	$3,000.00	4.00		4.00	$ -	$ 4,000.00	133%
23.0	Remove and Dispose Inlets all sizes/depth	EA	30	$250.00	$7,500.00	9.00		9.00	$ -	$ 2,250.00	30%
24.0	Remove and Dispose Storm Pipe 12-Inch diameter	LF	35	$3.00	$105.00	0.00		0.00	$ -	$ -	0%
25.0	Remove and Dispose Storm Pipe 15-Inch diameter	LF	82	$4.00	$328.00	0.00		0.00	$ -	$ -	0%
26.0	Remove and Dispose Storm Pipe 18-Inch diameter	LF	133	$6.00	$798.00	0.00		0.00	$ -	$ -	0%
27.0	Remove and Dispose Storm Pipe 24-Inch diameter	LF	301	$36.00	$10,836.00	115.00		115.00	$ -	$ 4,140.00	38%
28.0	Remove and Dispose Storm Pipe 30-Inch diameter	LF	61	$40.00	$2,440.00	30.00		30.00	$ -	$ 1,200.00	49%
29.0	Remove and Dispose Storm Pipe 36-Inch diameter	LF	119	$45.00	$5,355.00	158.00		158.00	$ -	$ 7,110.00	133%
30.0	Remove and Dispose Storm Pipe 48-Inch diameter	LF	71	$70.00	$4,970.00	0.00		0.00	$ -	$ -	0%
31.0	Remove and Dispose Storm Pipe 72-Inch diameter	LF	233	$40.00	$9,320.00	212.00		212.00	$ -	$ 8,480.00	91%
32.0	Remove and Dispose Storm Pipe 84-Inch diameter	LF	36	$60.00	$2,160.00	0.00		0.00	$ -	$ -	0%
33.0	Plug & Abandon 18-Inch Storm Sewer	LF	38	$25.00	$950.00	0.00		0.00	$ -	$ -	0%
34.0	Plug & Abandon 24-Inch Storm Sewer	LF	9	$35.00	$315.00	0.00		0.00	$ -	$ -	0%
35.0	Plug & Abandon 36-Inch Storm Sewer	LF	177	$38.00	$6,726.00	8.00		8.00	$ -	$ 304.00	5%
36.0	Clean and CCTV Existing Storm Sewer	LF	830	$11.00	$9,130.00	230.00		230.00	$ -	$ 2,530.00	28%
37.0	Type C manhole for 42-inch diameter and smaller sewers w/rim	EA	25	$5,200.00	$130,000.00	8.00	1.00	9.00	$ 5,200.00	$ 46,800.00	36%
38.0	Type C manhole for 48-Inch to 72-Inch diameter sewers w/rim	EA	4	$8,000.00	$32,000.00	1.00		1.00	$ -	$ 8,000.00	25%
39.0	Manhole Riser for Box Sewer w/rim	EA	23	$2,200.00	$50,600.00	11.00		11.00	$ -	$ 24,200.00	48%
40.0	Manhole Riser for Box Sewer w/crate	EA	39	$1,400.00	$54,600.00	10.00		10.00	$ -	$ 14,000.00	26%
41.0	Manhole Risers for Concrete Box Sewers with 50.5 inch cover	EA	9	$3,900.00	$35,100.00	0.00		0.00	$ -	$ -	0%
42.0	Extra Depth Manhole	VF	56	$100.00	$5,600.00	0.00		0.00	$ -	$ -	0%
42.1	Yard Drains and all work associated with modifying, restoring and extending them	LF	2000	$14.00	$28,000.00	0.00		0.00	$ -	$ -	0%
43.0	24-Inch Diameter RCP Storm Sewer by open cut	LF	408	$205.00	$83,640.00	266.00		266.00	$ -	$ 54,530.00	65%
44.0	30-Inch Diameter RCP Storm Sewer by open cut	LF	25	$560.00	$14,000.00	12.00		12.00	$ -	$ 6,720.00	48%
45.0	36-Inch Diameter RCP Storm Sewer by open cut	LF	230	$242.00	$55,660.00	96.00		96.00	$ -	$ 23,232.00	42%
46.0	42-Inch Diameter RCP Storm Sewer by open cut	LF	28	$640.00	$17,920.00	37.00		37.00	$ -	$ 23,680.00	132%
47.0	48-Inch Diameter RCP Storm Sewer by open cut	LF	25	$900.00	$22,500.00	37.00		37.00	$ -	$ 33,300.00	148%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9610 Long Point Road, Ste 160
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1901 Hollister St
Houston, Texas 77080

Todays Date: 11/5/2019
Pay Period: 10/01-10/31
Pay Estimate No. 011
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
48.0	72-Inch Diameter RCP Storm Sewer by open cut	LF	15	$680.00	$10,200.00	16.00		16.00	$ -	$ 10,880.00	107%
49.0	7'X6' RCB Storm Sewer by open cut	LF	25	$900.00	$22,500.00	20.00	5.00	25.00	$ 4,500.00	$ 22,500.00	100%
50.0	7'X7' RCB Storm Sewer by open cut	LF	2342	$535.00	$1,252,970.00	2294.00		2294.00	$ -	$ 1,227,290.00	98%
51.0	8'X4' RCB Storm Sewer by open cut	LF	3029	$455.00	$1,378,195.00	3039.00		3039.00	$ -	$ 1,382,745.00	100%
52.0	8'X8' RCB Storm Sewer by open cut	LF	8387	$607.00	$5,090,909.00	6799.00	1486.20	8285.20	$ 902,123.40	$ 5,029,116.40	99%
53.0	9'X4' RCB Storm Sewer by open cut	LF	940	$644.00	$605,360.00	568.00	134.00	702.00	$ 86,296.00	$ 452,088.00	75%
54.0	9'X5' RCB Storm Sewer by open cut	LF	80	$762.00	$60,960.00	0.00		0.00	$ -	$ -	0%
55.0	9'X8' RCB Storm Sewer by open cut	LF	2628	$740.00	$1,944,720.00	2496.00		2496.00	$ -	$ 1,847,040.00	95%
56.0	10'X8' RCB Storm Sewer by open cut	LF	1314	$848.00	$1,114,272.00	1248.00		1248.00	$ -	$ 1,058,304.00	95%
57.0	Junction Box (39'X10')	EA	1	$103,000.00	$103,000.00	1.00		1.00	$ -	$ 103,000.00	100%
58.0	Junction Box (34'x12' w/Restrictor No.3 48"(W) x 54" (H) Three Openings)	EA	1	$81,500.00	$81,500.00	0.00		0.00	$ -	$ -	0%
59.0	Junction Box (34'x10')	EA	3	$68,500.00	$205,500.00	2.00		2.00	$ -	$ 137,000.00	67%
60.0	Junction Box (26'x26' w/Restrictor No. 1 30"(W) x 36"(H) Dual Openings	EA	1	$116,000.00	$116,000.00	0.00		0.00	$ -	$ -	0%
61.0	Junction Box (26'x14' w/Restrictor No.2 25" (W) x 72"(H) Dual Openings)	EA	1	$90,000.00	$90,000.00	0.00		0.00	$ -	$ -	0%
62.0	Junction Box (15'x13')	EA	1	$27,000.00	$27,000.00	1.00		1.00	$ -	$ 27,000.00	100%
63.0	Junction Box (14'x13')	EA	1	$25,700.00	$25,700.00	0.00		0.00	$ -	$ -	0%
64.0	Junction Box (13'x13')	EA	1	$25,800.00	$25,800.00	1.00		1.00	$ -	$ 25,800.00	100%
65.0	Junction Box (12.5'x7')	EA	3	$19,100.00	$57,300.00	2.00		2.00	$ -	$ 38,200.00	67%
66.0	Type S8 Inlet (Pre Cast)	EA	15	$3,400.00	$51,000.00	7.00		7.00	$ -	$ 23,800.00	47%
67.0	Type C-1 Inlet (Pre Cast)	EA	17	$5,400.00	$91,800.00	8.00		8.00	$ -	$ 43,200.00	47%
68.0	Type B Inlet (Pre Cast)	EA	1	$2,500.00	$2,500.00	0.00		0.00	$ -	$ -	0%
69.0	Type C Inlet (Pre Cast)	EA	3	$4,500.00	$13,500.00	0.00		0.00	$ -	$ -	0%
70.0	Type E Inlet (Pre Cast)	EA	1	$3,300.00	$3,300.00	0.00		0.00	$ -	$ -	0%
70.1	Asphalt Mill & Overlay (2-Inches)	SY	1000	$20.00	$20,000.00	0.00		0.00	$ -	$ -	0%
71.0	Safety End Treatement (for 36" RCP)	EA	1	$12,000.00	$12,000.00	0.00		0.00	$ -	$ -	0%
71.1	Sheet Pile Weir Adjustment	LS	1	$18,000.00	$18,000.00	0.00		0.00	$ -	$ -	0%
					$13,017,599.00		Subtotal Storm Items		$ 988,119.40	$ 11,582,435.40	89%
	Channel & Retaining Wall Items										
72.0	Remove and Dispose of Concrete rubble and concrete structures	CY	130	$22.00	$2,860.00	5.03		5.03	$ -	$ 110.66	4%
73.0	Remove and Dispose of Concrete Channel Lining & Low Flow, all thicknesses	SY	1435	$18.00	$25,830.00	1882.21		1882.21	$ -	$ 30,279.76	117%
74.0	Concrete Channel Lining, 8" nominal thickness	SY	684	$135.00	$92,340.00	361.97		361.97	$ -	$ 48,885.95	53%
75.0	Remove and Dispose of existing pedestrian bridge	EA	2	$5,000.00	$10,000.00	1.00		1.00	$ -	$ 5,000.00	50%
76.0	Retaining Wall (Spread Footing)	SF	6634	$79.00	$524,086.00	6391.88	849.33	7241.21	$ 67,097.07	$ 572,055.59	109%
77.0	Combination Rail (C1W)	LF	158	$235.00	$37,130.00	0.00	208.00	208.00	$ 48,880.00	$ 48,880.00	132%
78.0	Pedestrian Handrail (PRD-13, TYPE 8)	LF	517	$73.00	$37,741.00	0.00	574.00	574.00	$ 41,902.00	$ 41,902.00	111%
80.0	Pipe Gate	EA	1	$1,800.00	$1,800.00	0.00	1.00	1.00	$ 1,800.00	$ 1,800.00	100%
81.0	Extended Concrete Curb (for Proposed Wingwalls)	LF	38	$180.00	$6,840.00	0.00		0.00	$ -	$ -	0%
82.0	Remove and Dispose Handrail/Guardrail	LF	465	$9.00	$4,185.00	695.00		695.00	$ -	$ 6,255.00	149%
83.0	Remove Conc. Retaining Wall	SY	1500	$13.00	$19,500.00	288.41		288.41	$ -	$ 3,748.33	19%
83.1	Temporary Special Shoring for Retaining Wall	LF	420	$572.00	$240,240.00	315.00	125.00	440.00	$ 71,500.00	$ 251,680.00	105%
					$1,209,152.00		Subtotal Channel & Retaining Items		$ 221,179.07	$ 1,210,876.21	101%
	Paving Items										
84.0	Remove and Dispose Concrete Driveways, all thickness	SY	1038	$8.00	$8,304.00	484.23		484.23	$ -	$ 3,873.84	47%
85.0	Remove and Dispose of Existing Asphalt Pavement and base, all thickness	SY	7195	$7.00	$50,365.00	5957.14		5957.14	$ -	$ 41,699.98	83%
86.0	Remove and Dispose Concrete Pavements (Including All Thickness w/ or w/o Asphalt, Including Subgrade, w/ or w/o Curb, All Depths)	SY	410	$15.00	$6,150.00	0.00		0.00	$ -	$ -	0%
87.0	Remove and Dispose of Sidewalks, all thicknesses	SY	196	$6.00	$1,176.00	3.33		3.33	$ -	$ 19.98	2%
88.0	Remove Existing Concrete Curb	LF	4190	$1.50	$6,285.00	1630.00		1630.00	$ -	$ 2,445.00	39%
89.0	Reshaping & Regrading Existing Ditches	LF	178	$17.00	$3,026.00	0.00		0.00	$ -	$ -	0%
90.0	Lime for Lime Stabilized Subgrade (Dry Weight) (5%)	TON	146	$170.00	$24,820.00	93.60		93.60	$ -	$ 15,912.00	64%
91.0	Lime Stabilized Subgrade 8-inch	SY	9509	$7.00	$66,563.00	5876.47		5876.47	$ -	$ 39,735.29	60%
92.0	Flexible Base Course/temp driveways Residential up to 12 feet Wide	EA	35	$350.00	$12,250.00	13.00	16.00	29.00	$ 5,600.00	$ 10,150.00	83%
93.0	Reinforced Concrete Pavement 6" Thick	SY	6381	$63.00	$402,603.00	4782.18		4782.18	$ -	$ 301,277.34	75%
93.1	Concrete Maintenance Access Ramp	SY	300	$65.00	$19,500.00	106.66	113.08	219.74	$ 7,350.20	$ 14,283.10	73%
93.2	Reinforced Concrete Pavement 6" Thick - High Early	SY	1154	$65.00	$75,010.00				$ -		
94.0	Horizontal Dowels, 24-Inch	EA	210	$7.00	$1,470.00	0.00		0.00	$ -	$ -	0%
95.0	Street Pavement Expansion Joint, with or without Load Transfer	LF	210	$8.00	$1,680.00	607.50		607.50	$ -	$ 4,860.00	289%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17D00-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9610 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1901 Hollister St.
Houston, Texas 77080

Todays Date: 11/5/2019
Pay Period: 10/01-10/31
Pay Estimate No. 011
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
96.0	Saw Cutting	LF	379	$20.00	$7,460.00	27.00		27.00	$ -	$ 540.00	7%
97.0	Concrete Driveways including Excavation 6-inch thick (Res)	SF	0	$7.00	$0.00	5307.11		5307.11	$ -	$ 37,149.77	#DIV/0!
97.1	Concrete Driveways including 6" thick - High Early (res)	SF	8180	$7.50	$61,350.00				$ -		
98.0	6-inch Concrete Curb	LF	4812	$4.00	$19,248.00	1580.00		1580.00	$ -	$ 6,320.00	33%
99.0	Concrete Pavement Header	LF	367	$8.00	$2,936.00	81.00		81.00	$ -	$ 648.00	22%
100.0	Curb Ramp	SF	281	$16.00	$4,656.00	0.00		0.00	$ -	$ -	0%
101.0	Sidewalk 4-1/2-inch thick	SF	1512	$9.00	$13,608.00	0.00		0.00	$ -	$ -	0%
102.0	Pav Repairs and Replacement with Base material/ Asph Surface	SY	454	$120.00	$54,480.00	0.00		0.00	$ -	$ -	0%
					$642,970.00		Subtotal Paving Items		$ 13,848.39	$ 478,914.39	87%
	Wastewater Items										
103.0	Remove and Dispose 4-inch diameter Sanitary Sewer	LF	36	$17.00	$612.00	0.00		0.00	$ -	$ -	0%
104.0	Remove and Dispose 6-inch diameter Sanitary Sewer	LF	22	$15.00	$330.00	30.00		30.00	$ -	$ 450.00	136%
105.0	Remove and Dispose 8-inch diameter Sanitary Sewer	LF	22	$37.00	$814.00	99.00		99.00	$ -	$ 3,663.00	450%
106.0	Remove and Dispose 10-inch diameter Sanitary Sewer	LF	110	$27.00	$2,970.00	159.00		159.00	$ -	$ 4,293.00	144%
107.0	Remove and Dispose 15-inch diameter Sanitary Sewer	LF	22	$33.00	$726.00	0.00		0.00	$ -	$ -	0%
108.0	4-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	4	$820.00	$3,280.00	0.00		0.00	$ -	$ -	0%
109.0	4-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	48	$450.00	$21,600.00	0.00		0.00	$ -	$ -	0%
110.0	6-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	4	$690.00	$2,760.00	0.00		0.00	$ -	$ -	0%
111.0	6-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	18	$800.00	$14,400.00	0.00		0.00	$ -	$ -	0%
112.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	8	$500.00	$4,000.00	0.00		0.00	$ -	$ -	0%
113.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	144	$350.00	$50,400.00	144.00		144.00	$ -	$ 50,400.00	100%
114.0	10-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	16	$460.00	$7,360.00	0.00		0.00	$ -	$ -	0%
115.0	10-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	204	$210.00	$42,840.00	159.00		159.00	$ -	$ 33,390.00	78%
116.0	15-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	4	$800.00	$3,600.00	0.00		0.00	$ -	$ -	0%
117.0	15-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	28	$300.00	$8,400.00	0.00		0.00	$ -	$ -	0%
118.0	Point Repair 4-inch diameter Sanitary Sewer	EA	2	$3,200.00	$6,400.00	1.00		1.00	$ -	$ 3,200.00	50%
119.0	Point Repair 6-inch diameter Sanitary Sewer	FA	2	$3,300.00	$6,600.00	0.00		0.00	$ -	$ -	0%
120.0	Point Repair 8-inch diameter Sanitary Sewer	EA	4	$3,400.00	$13,600.00	0.00		0.00	$ -	$ -	0%
121.0	Point Repair 10-inch diameter Sanitary Sewer	EA	8	$3,600.00	$28,800.00	0.00		0.00	$ -	$ -	0%
122.0	Point Repair 15-inch diameter Sanitary Sewer	EA	2	$3,800.00	$7,600.00	0.00		0.00	$ -	$ -	0%
122.1	4-foot diameter precast sanitary sewer manhole	FA	4	$4,500.00	$18,000.00	0.00		0.00	$ -	$ -	0%
122.2	Construct 4-foot Extra Depth Sanitary Sewer Manhole	VF	3	$200.00	$600.00	0.00		0.00	$ -	$ -	0%
					$345,992.00		Subtotal Wastewater Items		$ -	$ 88,388.00	39%
	Water Items										
123.0	Adjust existing meter box to new grade	FA	20	$800.00	$16,000.00	0.00		0.00	$ -	$ -	0%
124.0	Remove and Dispose 8-inch diameter Water Line	LF	52	$18.00	$936.00	0.00		0.00	$ -	$ -	0%
125.0	Remove and Dispose 20-inch diameter Water Line	LF	51	$40.00	$2,040.00	0.00		0.00	$ -	$ -	0%
126.0	Cut, plug and abandon existing 8-inch diameter Water Line	EA	16	$1,200.00	$19,200.00	6.00		6.00	$ -	$ 7,200.00	38%
127.0	8-inch diameter Water Line by Open-cut	LF	258	$140.00	$36,120.00	123.00		123.00	$ -	$ 17,220.00	48%
128.0	8-inch diameter DIP water line by open-cut with restrained joints	LF	223	$250.00	$55,750.00	388.00		388.00	$ -	$ 99,500.00	178%
129.0	20-inch diameter Water Line by Open-cut	LF	10	$160.00	$1,600.00	0.00		0.00	$ -	$ -	0%
130.0	20-inch diameter DIP water line by open-cut with restrained joints	LF	40	$360.00	$14,400.00	0.00		0.00	$ -	$ -	0%
131.0	8-inch diameter wet connection	EA	16	$1,400.00	$22,400.00	16.00		16.00	$ -	$ 22,400.00	100%
132.0	20-inch diameter wet connection	EA	2	$3,500.00	$7,000.00	0.00		0.00	$ -	$ -	0%
132.1	Repair damaged water service lines, 4-inch	LF	150	$80.00	$12,000.00	0.00		0.00	$ -	$ -	0%
132.2	Repair damaged water service lines, 6-inch	LF	150	$90.00	$13,500.00	0.00		0.00	$ -	$ -	0%
132.3	Repair damaged water service lines, 8-inch	LF	150	$100.00	$15,000.00	0.00		0.00	$ -	$ -	0%
					$215,946.00		Subtotal Water Items		$ -	$ 146,320.00	68%
	Pavement Marking Items										
133.0	Raised Pav Marker Type I with Two face Reflective (W/Y)	EA	3	$7.00	$21.00			0.00	$ -	$ -	0%
134.0	Thermoplastic Pavement Markings, 4-inch White, Solid	LF	92	$6.00	$552.00			0.00	$ -	$ -	0%
135.0	Thermoplastic Pavement Markings, 4-inch Yellow, Dashed	LF	10	$6.00	$60.00			0.00	$ -	$ -	0%
					$633.00		Subtotal Pavement Marking Items		$ -	$ -	0%
	Extra Unit Prices										
136.0	Remove misc concrete and masonry	CY	100	$45.00	$4,500.00			0.00	$ -	$ -	0%
137.0	6-inch Over Excavate trench bottom	LF	100	$15.00	$1,500.00			0.00	$ -	$ -	0%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9610 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1801 Hollister St.
Houston, Texas 77080

Todays Date: 11/5/2019
Pay Period: 10/01-10/31
Pay Estimate No. 011
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
138.0	Extra Excavation around obstructions	CY	100	$25.00	$2,500.00			0.00	$ -	$ -	0%
139.0	Extra Hand Excavation	CY	100	$35.00	$3,500.00			0.00	$ -	$ -	0%
140.0	Extra Machine Excavation	CY	50	$25.00	$1,250.00			0.00	$ -	$ -	0%
141.0	Extra Placement of Backfill Material	CY	100	$25.00	$2,500.00			0.00	$ -	$ -	0%
142.0	Extra Placement of granular fill	CY	100	$30.00	$3,000.00			0.00	$ -	$ -	0%
143.0	Extra Cement Stabilized Sand	CY	100	$40.00	$4,000.00			0.00	$ -	$ -	0%
144.0	Extra Water Fittings in Place	TON	1	$3,500.00	$3,500.00			0.00	$ -	$ -	0%
145.0	Extra Grade 60 Reinforcing Steel	LB	1000	$2.00	$2,000.00			0.00	$ -	$ -	0%
146.0	Extra Class "A" concrete with or without forms (complete-in-place)	CY	100	$65.00	$6,500.00			0.00	$ -	$ -	0%
146.1	Installation of wooden fence, Complete in place	LF	2500	$25.00	$62,500.00			0.00	$ -	$ -	0%
146.2	Installation of chain link fence, Complete in place	LF	1500	$30.00	$45,000.00			0.00	$ -	$ -	0%
					$143,250.00		Subtotal Extra Unit Prices		$ -	$ -	0%
	Cash Allowances										
147.0	City of Houston Permits	LS	1	$3,000.00	$3,000.00	0.00		0.00	$ -	$ -	0%
148.0	Street Cut Permit	LS	1	$3,000.00	$3,000.00	0.67		0.67	$ -	$ 2,023.70	67%
149.0	HCFCD Permit	LS	1	$750.00	$750.00	0.00		0.00	$ -	$ -	0%
150.0	TPDES Permit	LS	1	$750.00	$750.00	0.00		0.00	$ -	$ -	0%
151.0	Proposed Power Pole and/or street light pole removal/relocation/reolacement with re-circuit	LS	1	$30,000.00	$30,000.00	0.00		0.00	$ -	$ -	0%
152.0	Work Change Directives	LS	1	$2,000,000.00	$2,000,000.00	0.00		0.00	$ -	$ -	0%
152A	Remove 36" RCP & Replace with 5x2 RCB	LF	170	$380.00	$64,600.00	170.00		170.00	$ -	$ 64,600.00	100%
152B	Remove 36" RCP & Replace with 36" RCP	LF	60	$229.00	$13,740.00	60.00		60.00	$ -	$ 13,740.00	100%
152C	Install 24" RCP	LF	420	$134.00	$56,280.00	420.00		420.00	$ -	$ 56,280.00	100%
152D	Adjust BB inlet	EA	2	$2,460.00	$4,920.00	2.00		2.00	$ -	$ 4,920.00	100%
152E	Install 8' Diameter Manhole	EA	1	$13,400.00	$13,400.00	1.00		1.00	$ -	$ 13,400.00	100%
152F	Mill/Surface Asphalt, Including Base Material at Trench	SY	515	$45.00	$23,175.00	515.00		515.00	$ -	$ 23,175.00	100%
152G	Manhole at 24" Leadds	EA	1	$3,260.00	$3,260.00	1.00		1.00	$ -	$ 3,260.00	100%
152H	Remove & Install Wooden Fence	LF	40	$30.00	$1,200.00	40.00		40.00	$ -	$ 1,200.00	100%
152I	Remove & Install Chainlink Fence	LF	140	$35.00	$4,900.00	140.00		140.00	$ -	$ 4,900.00	100%
152J	Clearing and Grubbing	LS	1	$2,500.00	$2,500.00	1.00		1.00	$ -	$ 2,500.00	100%
152K	Traffic Control & Flagging	LS	1	$4,500.00	$4,500.00	1.00		1.00	$ -	$ 4,500.00	100%
152L	Magnolia Tree Removal at 10015 Larston	LS	1	$750.00	$750.00	1.00		1.00	$ -	$ 750.00	100%
152M	Pine Tree Removal at 10023 Larston St	LS	1	$1,300.00	$1,300.00	1.00		1.00	$ -	$ 1,300.00	100%
152N	Temporary Asphalt Along Long Branch	LS	1	$8,223.00	$8,223.00	1.00		1.00	$ -	$ 8,223.00	100%
					$2,207,500.00		Subtotal Cash Allowances		$ -	$ 204,275.70	10%

Overall Totals	$18,794,957.00
Work Change Directive Budget	$2,000,000.00
Work Change Directive Completed To Date	$202,748.00
Remaining Work Change Directive Budget	$1,797,252.00

	$1,251,974.67	$14,602,736.71
Retainage 5%	$	730,136.79
Sub Total		$13,872,598.92
Less Total Previous Payment		$12,683,222.99
Amount due this Estimate		$1,189,375.937

78%

Contractor — Date 11/6/19

Owner — Date

Reytec Project No. 2203

Deviated Plan

Project Name:	**2203: Briar Branch (W140-01-00)Channel & Straws Improvement**
Contract Amount.:	**$18,794,957.00**
Work Progress:	**78% complete**
Pay Estimate Number:	**11**
Pay Period:	**10/01/2019 to 10/31/2019**

Overall Goal:

Contracted:	18.00%	$	3,383,092.26
Current:	11.43%	$	2,150,046.56
	-6.56%	$	(1,233,045.07)

double check Overall Goal

MWSBE Goal:

MBE Goal:

Contracted:	10.00%	$	1,879,495.70
Current:	3.70%		697.247.04
	-6.30%	$	(1,182,248.66)

WBE Goal:

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%		($52,538.83)

Individual Goal:

Moran Construction (MBE)

Contracted:	6.11%	$	1,148,371.87
Current:	0.53%		112,562.87
	-5.58%	$	(-1,048,693.76)

Access Data (WBE)

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%	$	(52,538.83)

Ecung (MBE)

Contracted:	0.36%	$	67,661.85
Current:	0.08%	$	15,225.00
	-0.28%	$	(52,436.85)

Rosales Trucking (MBE)

Contracted:	2.50%	$	469,873.93
Current:	2.87%	$	540,087.84
	0.37%	**$**	**70,213.91**

Fabco (MBE)

Contracted:	1.00%	$	187,949.57
Current:	0.53%	$	99,585.24
	-0.47%	$	88,364.33

November 21, 2019

Scott Bean
Memorial City Redevelopment Authority/TIRZ 17
9610 Long Point, Suite 150
Houston, Texas 77055

Reference: Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage Improvements
Gauge Project No.: 1005
WBS No. N-T17000-0018-3 (T-1734 & T-1734B)
Reytec Construction Resources, Inc. Payment No. 12

Dear Mr. Bean:

Reytec Construction Resources, Inc. (Reytec) has submitted estimate No. 12 in the amount of $259,471.52 for construction services rendered through November 15, 2019. Based on our review, Reytec has complied with all requirements stated in the estimate and we recommend payment of **$259,471.52** to Reytec.

The following billing information is to be used for payment:

Reytec Construction Resources, Inc.
1901 Hollister St.
Houston, TX 77080

If you have any questions or require additional information, please feel free to contact me at (832) 318-8800.

Sincerely,

Muhammad Ali, P.E.
Project Manager

Enclosures: Reytec Pay Est. No. 12

Estimate No.	12
Cut off Date	11/15/19
Estimate Date	11/20/19

Memorial City Redevelopment Authority/TIRZ 17
Estimate and Certificate for Payment Unit Price Work

Gauge ENGINEERING

Project Name : Briar Branch (W140-01-00) Channel and Straws Improvements Reconstruction and Drainage
Contractor Name : Reytec Construction Resources, Inc.
Address : 191 Hollister St., Houston, Texas 77080

WBS No. N-T17000-0018-3 (T-1734 & T-1734B)

Contract Date : 11/31/2018
Start Date : 12/17/2018
Current Contract Completion Date : 12/21/2020
Substantial Completion Date :
Percentage By Time : 45.31% In Place : 78.21%
Date Insurance Exp. : 10/16/2020 Drug Policy Due Date: N/A Current M/SBE : 11.43%

CONTRACT TIME IN CALENDAR DAYS

Original Contract Time	714
Approved Extensions	0
Total Contract Time	735
Days Used to Date	333
Days Remaining to Date	402
Schedule Update	10/24/2019

CONTRACT AMOUNT TO DATE :

1- Original Contract Amount — $18,794,957.00

2- Approved Change Orders

No.	Date	Ext.Days	Amount
1		21	$225,362.50

Total Approved Extentions 21 — Total Change Orders to Date $225,362.50

3- Approved Work Change Directives

No.	Date	Ext.Days	Amount

Total Pending Work Change Directives to Date $0.00

TOTAL CONTRACT AMOUNT (excludes WCDs) $19,020,319.50

A. EARNINGS TO DATE

			Current Month Billing
1- Work Completed to Date	78.21% Complete		$273,127.91
			$14,875,863.62
2- Material Stored on Site	$0.00		
3- Material Stored in Place	$0.00		
4- Balance-Materials Accepted Not in Place	$0.00	@ 85%	$0.00
5- Work Change Directives - In Place			$0.00

TOTAL EARNINGS TO DATE $14,875,863.62

B. DEDUCTIONS

1- Retainage	5%	Of	$14,875,863.62	$743,793.18	
2- Retainage Release	0%	Of	$14,875,863.62	$0.00	
3- Total Retainage					$743,793.18
4- Liquidated Damages			0.00 Days @	$5,000.00	$0.00
5- Assessments					$0.00
6- Inspector Overtime Costs					$0.00

TOTAL DEDUCTIONS $743,793.18

C. AMOUNT DUE THIS PERIOD

1- Total Earnings to Date	$14,875,863.62
2- Total Deductions	$743,793.18
3- Total Payments Due	$14,132,070.44
4- Less Previous Payments	$13,872,598.92
5- Restoration Adjustment	$0.00

TOTAL AMOUNT DUE CONTRACTOR THIS DATE	$259,471.52
BALANCE REMAINING	$4,144,455.88

Prepared By — Karam Qaddo, P.E. — 11/20/2019 Date

Reviewed By — Muhammad Ali, P.E. — 11/21/2019 Date

Approved By: — Scott Bean, TIRZ17 Executive — 12/03/2019 Date

Reytec Construction Resources, Inc.

1901 Hollister
Houston, Texas 77080
Office 713.957.4003
Fax 713.681.0077

Briar Branch Channel & Straws Improvements Project Pay Application

November 20,2019

Mr. Muhammad Ali
Gauge Engineering
3200 Wilcrest Drive, Suite 220
Houston, TX 77042

Re: Memorial City Redevelopment Authority
Briar Branch (W140-01-00) Channel and Straws Improvements Project
WBS No. N-T17000-0018-3

Dear Muhammad,

Please see attached for pay application 012 for November 1st thru 15th 2019, Briar Branch (W 140-01-00) Channel and Straws Improvements.

Thanks,

Keegan Droxler
Project Manager
Reytec Construction Resources
832-844-8322
kdroxler@reytec.net

APPLICATION AND CERTIFICATE FOR PAYMENT

AIA DOCUMENT G702

TO (OWNER):
Memorial City Redevelopment Authority

PROJECT:
Briar Branch (W140-01-00) Channel and Straws Improvements

APPLICATION NO: 012

PERIOD TO: 11/1/2019
11/15/2019

FROM (CONTRACTOR):
Reytec Construction
1901 Hollister Rd.
Houston, Texas 77080
Ph. 713-957-4003; Fax 713-681-0077

PROJECT NO: WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

CONTRACTOR'S APPLICATION FOR

CHANGE ORDER SUMMARY		ADDITIONS	DEDUCTIONS
Change Orders approved in previous months by owner			
TOTAL			
Approved this Month			
Number	Date		
TOTALS		$ -	
Net change by Change Orders			

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current Payment shown herein is now due.

INSPECTOR:
By: _____ Date: _____

CONTRACTOR:
By: _____ Date: 11/20/19

Application is made for Payment, as shown below, in connection with the Contract.
Continuation Sheet, AIA Document G703, is attached.

1. ORIGINAL CONTRACT SUM		$ 18,794,957.00
2. Net change by Change Order		$ 0.00
3. CONTRACT SUM TO DATE (Line 1+2)		$ 18,794,957.00
4. TOTAL COMPLETED & STORED TO DATE		$ 14,875,863.62
5. RETAINAGE:		
a. 5 %	of Completed Work $ 743,793.18	
b. _____ %	of Stored Material _____	
Total Retainage (Line 5a + 5b or		$ 743,793.18
6. TOTAL EARNED LESS RETAINAGE (Line 4 less Line 5 Total)		$ 14,132,070.44
7. LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)		$ 13,872,598.92
8. CURRENT PAYMENT DUE		$ 259,471.52
9. BALANCE TO FINISH, PLUS RETAINAGE (Line 3 less Line 6)		$ 4,662,886.56

State of: Texas County of: Harris
Subscribed and sworn to before me this 21st day of November 2019
Notary Public: Eunice Morales
My Commission expires: 7/27/22

EUNICE MORALES
Notary Public, State of Texas
Comm. Expires 07-27-2022
Notary ID 131660479

ARCHITECT'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED.

AMOUNT CERTIFIED $ 259,471.52
(Attach explanation if amount certified differs from the amount applied for)
ARCHITECT:

By: _____ Date: _____

This Certificate is not negotiable. The AMOUNT CERTIFIED is payable only to the Contractor named herein. Issuance, payment and acceptance of payment are without prejudice to any rights of the Owner or Contractor under this Contract.

Memorial City Redevelopment Authority/TIRZ 17

Affidavits of Payment and Unconditional Waivers of Liens

Reytec Construction Resources, Inc has been paid and has received a progress payment in the sum of $1,565,966.25 for services, equipment or material furnished to Memorial City Development Authority/TIRZ 17 for the Briar Branch Channel & Straws Improvements Project (WBS No. N-T17000-0018-3 located in Houston, Texas, and does hereby release any mechanic's lien or bond right that undersigned has on the above referenced project to the following extent. This release covers a progress payment for labor, services, equipment or material furnished to the Memorial City Redevelopment Authority/TIRZ 17 through September 30, 2019 only, and does not cover any retention if any labor, services, equipment or materials furnished after that date. The undersigned warrants that all undisputed amounts due to its equipment lessors, suppliers, subcontractors, labor, insurance and taxes applicable to this work have been paid in full through the date set forth and hold the Memorial City Redevelopment Authority/TIRZ 17 against any loss arising from the nonpayment thereof. .

(Signature of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on:

11/06/2019
Date

TERRI HARDIN
Notary ID #5206369
My Commission Expires
September 28, 2022

Notary Public in and for the State of Texas

My Commission Expires: 9/28/22
Expiration Date

Terri Hardin
Print or Type Name of Notary Public

Document 00642

MONTHLY SUBCONTRACTOR PAYMENT REPORTING FORM

Legal Project Name: Briar Branch Channel & Straws Improvements

Outline Agreement No.: _____ WBS No.: N-T17000-0018-3

Contractor's Company Name: Reytec Construction Resources

Address: 1901 Hollister St. Houston, Texas 77080

CERTIFICATION

Daniel Bonilla Jr, 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 of Contractor's Representative)

Daniel Bonilla Jr
(Print or Type Name of Contractor's Representative)

SWORN TO AND SUBSCRIBED before me on: 011/20/2019
Date

EUNICE MORALES
Notary Public, State of Texas
Comm. Expires 07-27-2022
Notary ID 131660479

Notary Public in and for the State of Texas

My Commission Expires: 7/27/22
Expiration Date

Eunice Morales
Print or Type Name of Notary Public

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9618 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1901 Hollister St.
Houston, Texas 77080

Todays Date: 11/15/2019
Pay Period: 11/01-11/15
Pay Estimate No. 012
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
	General Items										
1.0	Mobilization	LS	1	$600,000.00	$600,000.00	1.00		1.00	$ -	$ 600,000.00	100%
2.0	Portable Changeable Message Sign	Day	176	$90.00	$15,840.00	0.00	60.00	60.00	$ 5,400.00	$ 5,400.00	34%
3.0	Removable and Salvage Existing Sign	EA	11	$50.00	$550.00	0.00		0.00	$ -	$ -	0%
3.1	Project ID Sign	EA	1	$650.00	$650.00	1.00		1.00	$ -	$ 650.00	100%
3.2	Placement of Permanent Signs	EA	25	$310.00	$7,750.00	0.00		0.00	$ -	$ -	0%
3.3	Remove Existing Pavement Markings	EA	4	$150.00	$600.00	0.00		0.00	$ -	$ -	0%
4.0	Traffic Control and Regulation	EA	4	$17,500.00	$70,000.00	2.00	1.00	3.00	$ 17,500.00	$ 52,500.00	75%
5.0	Install PreCast Concrete Traffic Barrier	LF	500	$32.00	$16,000.00	250.00		250.00	$ -	$ 8,000.00	50%
6.0	Relocate PreCast Concrete Traffic Barrier	LF	1000	$8.00	$24,000.00	0.00	250.00	250.00	$ 2,000.00	$ 2,000.00	8%
7.0	Remove PreCast Concrete Traffic Barrier	LF	500	$12.00	$6,000.00	0.00	250.00	250.00	$ 3,000.00	$ 3,000.00	50%
7.1	Remove and Replace Speed Cushions	LS	2	$4,500.00	$9,000.00	0.00	2.000	2.00	$ 9,000.00	$ 9,000.00	100%
8.0	Flagmen	EA	4	$12,500.00	$50,000.00	2.00	2.00	4.00	$ 25,000.00	$ 50,000.00	100%
9.0	Tree and Plant Protection	EA	4	$20,000.00	$80,000.00	3.00	1.00	4.00	$ 20,000.00	$ 80,000.00	100%
10.0	Inlet Protection Barrier (Type I & II)	EA	92	$40.00	$3,520.00	18.00		18.00	$ -	$ 1,140.00	31%
11.0	Reinforced Filter Fabric Barrier	LF	12000	$1.50	$18,000.00	5232.00		5232.00	$ -	$ 7,848.00	44%
12.0	Stabilized Construction Exit	SY	144	$40.00	$5,760.00	123.00		123.00	$ -	$ 4,920.00	85%
13.0	Rock Filter Dams Type 3	EF	35	$55.00	$1,925.00	8.00		8.00	$ -	$ 440.00	23%
14.0	Groundwater Control for Open-Cut Construction	LF	8727	$1.00	$8,727.00	0.00		0.00	$ -	$ -	0%
15.0	Site Restoration	SF	10717	$6.00	$64,290.00	0.00	2500.00	2500.00	$ 15,000.00	$ 15,000.00	23%
16.0	Adjust existing manhole frame and covers to new grade	EA	11	$1,400.00	$15,400.00	0.00		0.00	$ -	$ -	0%
17.0	Adjust existing valve box to new grade	EA	9	$470.00	$4,230.00	0.00		0.00	$ -	$ -	0%
18.0	Clearing and Grubbing	AC	8	$15,000.00	$119,100.00	7.85		7.85	$ -	$ 119,250.00	100%
19.0	Trench Safety System for Trench Excavations	LF	20183	$6.00	$121,098.00	18678.00	265.00	18943.00	$ 1,590.00	$ 113,658.00	94%
20.0	Hydro Mulch Seeding	AC	4	$1,500.00	$5,985.00	0.00		0.00	$ -	$ -	0%
21.0	Sodding	SY	2890	$5.00	$19,450.00	0.00	1600.00	1600.00	$ 8,000.00	$ 8,000.00	28%
					$1,289,875.00		Subtotal General Items		$ 106,490.00	$ 1,080,509.00	84%
	Storm Items										
22.0	Remove and Dispose Manholes of Size/Depth	EA	3	$1,000.00	$3,000.00	4.00		4.00	$ -	$ 4,000.00	133%
23.0	Remove and Dispose Inlets of Size/Depth	EA	10	$750.00	$7,500.00	9.00		9.00	$ -	$ 2,250.00	30%
24.0	Remove and Dispose Storm Pipe 12-inch diameter	LF	35	$3.00	$105.00	0.00		0.00	$ -	$ -	0%
25.0	Remove and Dispose Storm Pipe 15-inch diameter	LF	87	$4.00	$328.00	0.00		0.00	$ -	$ -	0%
26.0	Remove and Dispose Storm Pipe 18-inch diameter	LF	233	$6.00	$798.00	0.00		0.00	$ -	$ -	0%
27.0	Remove and Dispose Storm Pipe 24-inch diameter	LF	301	$16.00	$10,836.00	115.00		115.00	$ -	$ 4,140.00	38%
28.0	Remove and Dispose Storm Pipe 30-inch diameter	LF	63	$40.00	$2,440.00	30.00		30.00	$ -	$ 1,200.00	49%
29.0	Remove and Dispose Storm Pipe 36-inch diameter	LF	339	$45.00	$5,355.00	158.00		158.00	$ -	$ 7,110.00	133%
30.0	Remove and Dispose Storm Pipe 48-inch diameter	LF	73	$70.00	$4,970.00	0.00		0.00	$ -	$ -	0%
31.0	Remove and Dispose Storm Pipe 72-inch diameter	LF	233	$40.00	$9,320.00	212.00		212.00	$ -	$ 8,480.00	91%
32.0	Remove and Dispose Storm Pipe 84-inch diameter	LF	36	$60.00	$2,160.00	0.00		0.00	$ -	$ -	0%
33.0	Plug & Abandon 18-inch Storm Sewer	LF	38	$25.00	$950.00	0.00		0.00	$ -	$ -	0%
34.0	Plug & Abandon 24-inch Storm Sewer	LF	9	$35.00	$315.00	0.00		0.00	$ -	$ -	0%
35.0	Plug & Abandon 36-inch Storm Sewer	LF	173	$38.00	$6,574.00	8.00		8.00	$ -	$ 304.00	5%
36.0	Clean and CCTV Existing Storm Sewer	LF	870	$11.00	$9,570.00	230.00		230.00	$ -	$ 2,530.00	26%
37.0	Type S manhole for 42-inch diameter and smaller sewers w/frm	EA	25	$5,200.00	$130,000.00	9.00		9.00	$ -	$ 46,800.00	36%
38.0	Type S manhole for 48-inch to 72-inch diameter sewers w/frm	EA	4	$8,000.00	$32,000.00	1.00		1.00	$ -	$ 8,000.00	25%
39.0	Manhole Risey for Box Sewer w/frm	EA	25	$2,200.00	$55,000.00	11.00		11.00	$ -	$ 24,200.00	48%
40.0	Manhole Riser for Box Sewer w/grate	EA	10	$1,400.00	$14,000.00	10.00		10.00	$ -	$ 14,000.00	26%
41.0	Manhole Risers for Concrete Box Sewers with 30.5 inch cover	EA	3	$3,900.00	$35,100.00	0.00		0.00	$ -	$ -	0%
42.0	Tahoe Death Manhole	VF	55	$100.00	$5,500.00	0.00		0.00	$ -	$ -	0%
42.1	Yard Drains and all work associated with modifying, restoring, and extending them	LF	2000	$14.00	$28,000.00	0.00		0.00	$ -	$ -	0%
43.0	24-inch Diameter RCP Storm Sewer by open cut	LF	408	$205.00	$83,640.00	266.00	37.00	303.00	$ 7,585.00	$ 62,115.00	74%
44.0	30-inch Diameter RCP Storm Sewer by open cut	LF	25	$580.00	$14,000.00	12.00	5.00	17.00	$ 2,900.00	$ 9,860.00	68%
45.0	36-inch Diameter RCP Storm Sewer by open cut	LF	280	$242.00	$55,660.00	98.00		98.00	$ -	$ 23,732.00	42%
46.0	42-inch Diameter RCP Storm Sewer by open cut	LF	28	$640.00	$17,920.00	37.00		37.00	$ -	$ 23,680.00	132%
47.0	48-inch Diameter RCP Storm Sewer by open cut	LF	25	$900.00	$22,500.00	37.00	5.00	42.00	$ 4,500.00	$ 37,800.00	168%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9619 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1981 Hollister St.
Houston, Texas 77080

Todays Date: 11/15/2019
Pay Period: 11/01-11/15
Pay Estimate No. 012
Rain Days This Month 2

Item	Item Description	UOM	Est. Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month $ Value	Total Amount Billed	% Complete
48.0	72 Inch Diameter RCP Storm Sewer by open cut	LF	15	$640.00	$10,200.00	16.00		16.00	$	$ 10,880.00	107%
49.0	7'X6' RCB Storm Sewer by open cut	LF	25	$900.00	$22,500.00	25.00		25.00	$	$ 22,500.00	100%
50.0	7'X7' RCB Storm Sewer by open cut	LF	7342	$535.00	$3,752,970.00	2284.00		2284.00	$	$ 1,227,290.00	98%
51.0	8'X6' RCB Storm Sewer by open cut	LF	3039	$455.00	$1,378,185.00	3039.00		3039.00	$	$ 1,382,745.00	100%
52.0	8'X8' RCB Storm Sewer by open cut	LF	8182	$607.00	$5,090,909.00	8285.20		8285.20	$	$ 8,029,116.45	99%
53.0	9'X6' RCB Storm Sewer by open cut	LF	941	$648.00	$609,168.00	707.00	213.00	920.00	$ 140,152.00	$ 592,560.00	98%
54.0	9'X8' RCB Storm Sewer by open cut	LF	80	$762.00	$60,960.00	0.00		0.00	$	$	0%
55.0	9'X8' RCB Storm Sewer by open cut	LF	2628	$740.00	$1,944,720.00	2495.00		2495.00	$	$ 1,847,040.00	95%
56.0	10'X8' RCB Storm Sewer by open cut	LF	1314	$848.00	$1,114,272.00	1248.00		1248.00	$	$ 1,058,304.00	95%
57.0	Junction Box (9'X10')	EA	1	$103,000.00	$103,000.00	1.00		1.00	$	$ 103,000.00	100%
58.0	Junction Box (44'x12' w/Restrictor No.3 48"(W) x 54"(H) Twins Openings)	EA	1	$81,500.00	$81,500.00	0.00		0.00	$	$	0%
59.0	Junction Box (34'x10')	EA	3	$68,500.00	$205,500.00	2.00		2.00	$	$ 137,000.00	67%
60.0	Junction Box (26'x26' w/Restrictor No. 1 20" (W) x 36"(H) Dual Openings	EA	1	$116,000.00	$116,000.00	0.00		0.00	$	$	0%
61.0	Junction Box (26'x14' w/Restrictor No.2 25" (W) x 72"(H) Dual Openings)	EA	1	$90,000.00	$90,000.00	0.00		0.00	$	$	0%
62.0	Junction Box (15'x15')	EA	1	$27,000.00	$27,000.00	1.00		1.00	$	$ 27,000.00	100%
63.0	Junction Box (14'x14')	EA	1	$25,700.00	$25,700.00	0.00		0.00	$	$	0%
64.0	Junction Box (13'x13')	EA	1	$25,800.00	$25,800.00	1.00		1.00	$	$ 25,800.00	100%
65.0	Junction Box (12.5'x7')	EA	3	$19,100.00	$57,300.00	2.00		2.00	$	$ 38,200.00	67%
66.0	Type BB Inlet (Pre Cast)	EA	15	$3,400.00	$51,000.00	7.00		7.00	$	$ 23,800.00	47%
67.0	Type C-1 Inlet (Pre Cast)	EA	17	$3,400.00	$57,800.00	8.00		8.00	$	$ 43,700.00	47%
68.0	Type B Inlet (Pre Cast)	EA	1	$2,500.00	$2,500.00	0.00		0.00	$	$	0%
69.0	Type C Inlet (Pre Cast)	EA	3	$4,500.00	$13,500.00	0.00		0.00	$	$	0%
70.0	Type C Inlet (Pre Cast)	EA	1	$3,300.00	$3,300.00	0.00		0.00	$	$	0%
70.1	Asphalt Mill & Overlay (2 inches)	SY	1000	$20.00	$20,000.00	0.00		0.00	$	$	0%
71.0	Safety End Treatment (for 36" RCP)	EA	1	$12,000.00	$12,000.00	0.00		0.00	$	$	0%
71.1	Sheet Pile Wier Adjustment	LS	1	$18,000.00	$18,000.00	0.00		0.00	$	$	0%
					$13,017,535.00		Subtotal Storm Items		$ 140,152.00	$ 11,647,716.45	91%
	Channel & Retaining Wall Items										
72.0	Remove and Dispose of Concrete rubble and concrete structures	CY	190	$27.00	$5,130.00	5.03		5.03	$	$ 135.81	4%
73.0	Remove and Dispose of Concrete Channel lining & low flow, all thicknesses	SY	1435	$18.00	$25,830.00	1692.21		1692.21	$	$ 30,279.78	117%
74.0	Concrete Channel Lining, 8" nominal thickness	SY	684	$135.00	$92,340.00	361.97		361.97	$	$ 48,861.95	53%
75.0	Remove and Dispose of existing pedestrian bridge	EA	2	$5,000.00	$10,000.00	1.00		1.00	$	$ 5,000.00	50%
76.0	Retaining Wall (Spread Footing)	SF	6624	$79.00	$523,296.00	7244.21	28.38	7288.50	$ 2,334.91	$ 574,390.50	110%
77.0	Combination Rail (T 1W)	LF	158	$235.00	$37,130.00	208.68		208.68	$	$ 49,048.80	132%
78.0	Pedestrian Handrail (PRD-13, TYPE B)	LF	512	$73.00	$37,741.00	574.00		574.00	$	$ 41,902.00	111%
80.0	Pick Gate	EA	1	$1,800.00	$1,800.00	1.00		1.00	$	$ 1,800.00	100%
81.0	Extended Concrete Curb (for Proposed Wingwalls)	LF	32	$180.00	$5,760.00	0.00		0.00	$	$	0%
82.0	Remove and Dispose Handrail/Guardrail	LF	465	$9.00	$4,185.00	695.00		695.00	$	$ 6,255.00	149%
83.0	Remove Conc. Retaining Wall	SY	1000	$13.00	$19,500.00	266.41		266.41	$	$ 3,749.32	19%
83.1	Temporary Special Shoring for Retaining Wall	LS	420	$372.00	$156,240.00	440.00		440.00	$	$ 251,680.00	105%
					$1,007,557.00		Subtotal Channel & Retaining Items		$ 2,334.91	$ 1,012,812.27	101%
	Paving Items										
84.0	Remove and Dispose Concrete Driveway, all thickness	SY	1000	$8.00	$8,000.00	484.23		484.23	$	$ 3,873.84	47%
85.0	Remove and Dispose of Existing Asphalt Pavement and base, all thickness	SY	2956	$7.00	$20,692.00	5957.14		5957.14	$	$ 41,699.98	63%
86.0	Remove and Dispose Concrete Pavements (including All 3 inch lifts w/ or w/o Asphalt, including Subgrade, w/ or w/o Curb, All thickness)	SY	410	$35.00	$14,350.00	0.00		0.00	$	$	0%
87.0	Remove and Dispose of Sidewalk, all thicknesses	SY	196	$6.00	$1,176.00	3.33		3.33	$	$ 19.98	2%
88.0	Remove Existing Concrete Curb	LF	4190	$1.50	$6,285.00	1630.00		1630.00	$	$ 2,445.00	39%
89.0	Reshaping & Regrading Existing Ditches	LF	170	$87.00	$14,790.00	0.00		0.00	$	$	0%
90.0	Lime for Lime Stabilized Subgrade (Dry Weight) (56)	TON	146	$130.00	$24,820.00	93.60		93.60	$	$ 15,912.00	64%
91.0	Lime Stabilized Subgrade 8-inch	SY	9509	$7.00	$66,563.00	$676.47		5676.47	$	$ 39,735.29	60%
92.0	Flexible Base Course/Hot mix driveways Residential up to 12 feet Wide	EA	51	$250.00	$12,250.00	29.00		29.00	$	$ 10,150.00	83%
93.0	Reinforced Concrete Pavement 6" Thick	SY	6291	$63.00	$402,631.00	4782.16		4782.16	$	$ 301,277.34	75%
93.1	Concrete Maintenance Access Ramp	SY	300	$65.00	$19,500.00	219.74		219.74	$	$ 14,283.10	73%
93.2	Reinforced Concrete Pavement 6" Thick, High Early	SY	1354	$65.00	$75,010.00				$		
94.0	Horizontal Dowels, 24 inch	EA	210	$7.00	$1,470.00	0.00		0.00	$	$	0%
95.0	Street Pavement Expansion Joint, with or without Load Transfer	LF	210	$8.00	$1,680.00	607.50		607.50	$	$ 4,860.00	289%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9610 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1801 Hollister St.
Houston, Texas 77080

Todays Date: 11/18/2019
Pay Period: 11/01-11/15
Pay Estimate No. 012
Rain Days This Month 2

Item	Item Description	UOM	Est.Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
96.0	Saw Cutting	LS	173	$10.00	$2,465.00	27.00		27.00	$ -	$ 540.00	7%
97.0	Concrete Driveways including Excavation 6 inch thick (Res)	SY	0	$2.00	$0.00	5307.11		5307.11	$ -	$ 37,149.77	#DIV/0!
97.1	Concrete Driveways including 6" inch - Highway Use	SF	8180	$7.50	$61,350.00				$ -		
98.0	6-inch Concrete Curb	LF	4812	$4.00	$19,248.00	1580.00		1580.00	$ -	$ 6,320.00	33%
99.0	Concrete Pavement Header	LF	367	$8.00	$2,936.00	81.00		81.00	$ -	$ 648.00	22%
100.0	Curb Ramp	SF	291	$16.00	$4,656.00	0.00		0.00	$ -	$ -	0%
101.0	Sidewalk 4-1/2-inch thick	SF	1512	$5.00	$7,560.00	0.00		0.00	$ -	$ -	0%
102.0	Re-Repairs and Replacement with Base material/ Asph Surface	SY	454	$120.00	$54,480.00	0.00		0.00	$ -	$ -	0%
					$642,970.00		Subtotal Paving Items		$ -	$ 478,314.30	67%
	Wastewater Items										
103.0	Remove and Dispose 6-inch diameter Sanitary Sewer	LF	36	$17.00	$612.00	0.00		0.00	$ -	$ -	0%
104.0	Remove and Dispose 8-inch diameter Sanitary Sewer	LF	33	$15.00	$330.00	30.00		30.00	$ -	$ 450.00	136%
105.0	Remove and Dispose 8-inch diameter Sanitary Sewer	LF	99	$37.00	$814.00	99.00		99.00	$ -	$ 3,663.00	450%
106.0	Remove and Dispose 10-inch diameter Sanitary Sewer	LF	110	$27.00	$2,970.00	159.00		159.00	$ -	$ 4,293.00	145%
107.0	Remove and Dispose 15-inch diameter Sanitary Sewer	LF	22	$33.00	$726.00	0.00	22.00	22.00	$ 726.00	$ 726.00	100%
108.0	8-inch diameter PVC Sanitary Sewer Pipe, by open cut	LF	4	$820.00	$3,280.00	0.00		0.00	$ -	$ -	0%
109.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	48	$410.00	$21,600.00	0.00		0.00	$ -	$ -	0%
110.0	8 inch diameter PVC Sanitary Sewer Pipe, by open cut	LF	4	$660.00	$2,760.00	0.00		0.00	$ -	$ -	0%
111.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	18	$800.00	$14,400.00	0.00		0.00	$ -	$ -	0%
112.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	8	$500.00	$4,000.00	0.00		0.00	$ -	$ -	0%
113.0	8-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	144	$350.00	$50,400.00	144.00		144.00	$ -	$ 50,400.00	100%
114.0	10 inch diameter PVC Sanitary Sewer Pipe, by open cut	LF	16	$460.00	$7,360.00	0.00		0.00	$ -	$ -	0%
115.0	10 inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	204	$210.00	$42,840.00	159.00		159.00	$ -	$ 33,390.00	78%
116.0	15-inch diameter PVC Sanitary Sewer Pipe, by open-cut	LF	4	$900.00	$3,600.00	0.00		0.00	$ -	$ -	0%
117.0	15-inch diameter PVC Sanitary Sewer Pipe, by open-cut with casing	LF	28	$300.00	$8,400.00	0.00	28.00	28.00	$ 8,400.00	$ 8,400.00	100%
118.0	Point Repair 4-inch diameter Sanitary Sewer	EA	1	$3,200.00	$6,400.00	1.00		1.00	$ -	$ 2,200.00	50%
119.0	Point Repair 6-inch diameter Sanitary Sewer	EA	2	$3,300.00	$6,600.00	0.00		0.00	$ -	$ -	0%
120.0	Point Repair 8-inch diameter Sanitary Sewer	EA	4	$3,400.00	$13,600.00	0.00		0.00	$ -	$ -	0%
121.0	Point Repair 10-inch diameter Sanitary Sewer	EA	8	$3,600.00	$28,800.00	0.00		0.00	$ -	$ -	0%
122.0	Point Repair 15-inch diameter Sanitary Sewer	EA	7	$1,800.00	$7,400.00	0.00		0.00	$ -	$ -	0%
122.1	4 foot diameter precast sanitary sewer manhole	EA	4	$6,500.00	$18,000.00	0.00		0.00	$ -	$ -	0%
122.2	Convert 4 foot Extra Depth Sanitary Sewer Manhole	VF	2	$200.00	$400.00	0.00		0.00	$ -	$ -	0%
					$245,892.00		Subtotal Wastewater Items		$ 8,126.00	$ 104,633.00	43%
	Water Items										
123.0	Adjust existing owner box to new grade	EA	20	$800.00	$16,000.00	0.00		0.00	$ -	$ -	0%
124.0	Remove and Dispose 8-inch diameter Water Line	LF	22	$18.00	$396.00	0.00		0.00	$ -	$ -	0%
125.0	Remove and Dispose 20-inch diameter Water Line	LF	51	$40.00	$2,040.00	0.00		0.00	$ -	$ -	0%
126.0	Cut, plug and abandon existing 8-inch diameter Water Line	EA	16	$1,200.00	$19,200.00	6.00		6.00	$ -	$ 7,200.00	38%
127.0	8-inch diameter Water Line by Open cut	LF	258	$148.00	$38,184.00	123.00		123.00	$ -	$ 17,250.00	45%
128.0	8 inch diameter DIP water line by open cut with restrained joints	LF	223	$250.00	$55,750.00	398.00		398.00	$ -	$ 99,500.00	178%
129.0	20 inch diameter Water Line by Open cut	LF	31	$160.00	$1,600.00	0.00		0.00	$ -	$ -	0%
130.0	20 inch diameter DIP water line by open cut with restrained joints	LF	40	$360.00	$14,400.00	0.00		0.00	$ -	$ -	0%
131.0	8 inch diameter wet connection	EA	16	$1,400.00	$22,400.00	16.00		16.00	$ -	$ 22,400.00	100%
132.0	20 inch diameter wet connection	EA	2	$3,500.00	$7,000.00	0.00		0.00	$ -	$ -	0%
132.1	Repair damaged water service lines, 4-inch	LF	150	$80.00	$12,000.00	0.00		0.00	$ -	$ -	0%
132.2	Repair damaged water service lines, 6-inch	LF	150	$90.00	$13,500.00	0.00		0.00	$ -	$ -	0%
132.3	Repair damaged water service lines, 8-inch	LF	150	$100.00	$15,000.00	0.00		0.00	$ -	$ -	0%
					$218,946.00		Subtotal Water Items		$ -	$ 146,350.00	68%
	Pavement Marking Items										
133.0	Raised Pav Marker Type I with Two Ince Reflective (W/R)	EA	1	$2.00	$21.00			0.00	$ -	$ -	0%
134.0	Thermoplastic Pavement Markings, 4 inch White, Solid	LF	92	$6.00	$552.00			0.00	$ -	$ -	0%
135.0	Thermoplastic Pavement Markings, 4 inch Yellow, Dashed	LF	10	$6.00	$60.00			0.00	$ -	$ -	0%
					$633.00		Subtotal Pavement Marking Items		$ -	$ -	0%
	Extra Unit Prices										
136.0	Remove reinforced concrete and masonry	CY	100	$45.00	$4,500.00			0.00	$ -	$ -	0%
137.0	6 inch Over Excavate trench bottom	LF	100	$15.00	$1,500.00			0.00	$ -	$ -	0%

Project: Briar Branch (W140-01-00) Channel & Straw Improvements

WBS No. N-T17000-0018-3
TIRZ 17 CIP No. T-1734 & T-1734B

Owner:
Memorial City Redevelopment Authority
9618 Long Point Road, Ste 150
Houston, Texas 77055

Contractor:
Reytec Construction Resources, Inc
1901 Hollister St.
Houston, Texas 77080

Todays Date: 11/15/2019
Pay Period: 11/01-11/15
Pay Estimate No. 012
Rain Days This Month 2

Item	Item Description	UOM	Est Unit Quantity	Unit Price	Contract Amount	Previous Quantities	This Month Quantities	To Date Quantities	This Month Billing	Total Amount Billed	% Complete
138.0	Extra Excavation around obstructions	CY	100	$25.00	$2,500.00			0.00	$ -	$ -	0%
139.0	Extra Hand Excavation	CY	100	$35.00	$3,500.00			0.00	$ -	$ -	0%
140.0	Extra Machine Excavation	CY	50	$35.00	$1,750.00			0.00	$ -	$ -	0%
141.0	Extra Placement of Backfill Material	CY	100	$25.00	$2,500.00			0.00	$ -	$ -	0%
142.0	Extra Placement of granular fill	CY	100	$30.00	$3,000.00			0.00	$ -	$ -	0%
143.0	Extra Cement Stabilized Sand	CY	100	$40.00	$4,000.00			0.00	$ -	$ -	0%
144.0	Extra Water Filling in Plug	MGN	1	$3,500.00	$3,500.00			0.00	$ -	$ -	0%
145.0	Extra Grade 60 Reinforcing Steel	LB	1000	$2.00	$2,000.00			0.00	$ -	$ -	0%
146.0	Extra Class "A" concrete with or without forms (complete-in-place)	CY	100	$65.00	$6,500.00			0.00	$ -	$ -	0%
146.1	Installation of wooden fence, Contractor supplied	LF	7500	$25.00	$62,500.00			0.00	$ -	$ -	0%
146.2	Installation of chain link fence, Contractor supplied	LF	1500	$30.00	$45,000.00			0.00	$ -	$ -	0%
					$142,250.00		Subtotal Extra Unit Prices		$ -	$ -	0%
	Cash Allowances										
147.0	City of Houston Permits	LS	1	$3,000.00	$3,000.00	0.69		0.69	$ -	$ -	0%
148.0	Street Cut Permit	LS	1	$3,000.00	$3,000.00	0.87		0.87	$ -	$ 2,623.70	87%
149.0	HCFCD Permit	LS	1	$250.00	$250.00	0.00		0.00	$ -	$ -	0%
150.0	TPDES Permit	LS	1	$250.00	$250.00	0.00		0.00	$ -	$ -	0%
151.0	Relocate Power Pole and/or street light pole removal/removal and replacement with new circuit	LS	1	$30,000.00	$30,000.00	0.00		0.00	$ -	$ -	0%
152.0	Work Change Directives	LS	1	$2,000,000.00	$2,000,000.00	0.00		0.00	$ -	$ -	0%
152A	Remove 36" RCP & Replace with 5x3 RCB	LF	170	$380.00	$64,600.00	170.00		170.00	$ -	$ 64,600.00	100%
152B	Remove 36" RCP & Replace with 36" RCP	LF	60	$229.00	$13,740.00	60.00		60.00	$ -	$ 13,740.00	100%
152C	Install 24" RCP	LF	420	$134.00	$56,280.00	420.00		420.00	$ -	$ 56,280.00	100%
152D	Adjust SS Inlet	EA	2	$2,460.00	$4,920.00	2.00		2.00	$ -	$ 4,920.00	100%
152E	Install 5' Diameter Manhole	EA	1	$13,400.00	$13,400.00	1.00		1.00	$ -	$ 13,400.00	100%
152F	Mill/Surface Asphalt, Including Base Material at Trench	SY	515	$45.00	$23,175.00	515.00		515.00	$ -	$ 23,175.00	100%
152G	Manhole at 24" Leads	EA	1	$3,260.00	$3,260.00	1.00		1.00	$ -	$ 3,260.00	100%
152H	Remove & Install Wooden Fence	LF	40	$30.00	$1,200.00	40.00		40.00	$ -	$ 1,200.00	100%
152I	Remove & Install Chainlink Fence	LF	140	$35.00	$4,900.00	140.00		140.00	$ -	$ 4,900.00	100%
152J	Clearing and Grubbing	LS	1	$2,500.00	$2,500.00	1.00		1.00	$ -	$ 2,500.00	100%
152K	Traffic Control & Flagging	LS	1	$4,500.00	$4,500.00	1.00		1.00	$ -	$ 4,500.00	100%
152L	Miscellaneous Tree Removal at 10015 Landon	LS	1	$750.00	$750.00	1.00		1.00	$ -	$ 750.00	100%
152M	Pine Tree Removal at 10023 Larson St	LS	1	$1,300.00	$1,300.00	1.00		1.00	$ -	$ 1,300.00	100%
152N	Temporary Asphalt Along Briar Branch	LS	1	$8,223.00	$8,223.00	1.00		1.00	$ -	$ 8,223.00	100%
					$3,037,500.00		Subtotal Cash Allowances		$ -	$ 204,771.70	10%

Overall Totals	$18,794,957.00
Work Change Directive Budget	$2,000,000.00
Work Change Directive Completed To Date	$202,748.00
Remaining Work Change Directive Budget	$1,797,252.00

	$273,127.91	$14,875,863.62
Retainage 5%	$	743,793.18
Sub Total		$14,132,070.44
Less Total Previous Payment		$13,872,598.92
Amount due this Estimate		$259,471.515

Contractor

11/20/19
Date

Owner

Date

Reytec Project No. 2203

Deviated Plan

Project Name:	**2203: Briar Branch (W140-01-00)Channel & Straws Improvement**
Contract Amount.:	**$18,794,957.00**
Work Progress:	**78% complete**
Pay Estimate Number:	**12**
Pay Period:	**11/01/2019 to 11/15/2019**

Overall Goal:

Contracted:	18.00%	$	3,383,092.26
Current:	11.43%	$	2,150,046.56
	-6.56%	$	(1,233,045.07)

double check Overall Goal

MWSBE Goal:

MBE Goal:

Contracted:	10.00%	$	1,879,495.70
Current:	3.70%		697.247.04
	-6.30%	$	(1,182,248.66)

WBE Goal:

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%		($52,538.83)

Individual Goal:

Moran Construction (MBE)

Contracted:	6.11%	$	1,148,371.87
Current:	0.53%		112,562.87
	-5.58%	$	(-1,048,693.76)

Access Data (WBE)

Contracted:	8.00%	$	1,503,596.56
Current:	7.73%	$	1,452,799.52
	-0.27%	$	(52,538.83)

Ecung (MBE)

Contracted:	0.36%	$	67,661.85
Current:	0.08%	$	15,225.00
	-0.28%	$	(52,436.85)

Rosales Trucking (MBE)

Contracted:	2.50%	$	469,873.93
Current:	2.87%	$	540.087.84
	0.37%	$	70,213.91

Fabco (MBE)

Contracted:	1.00%	$	187,949.57
Current:	0.53%	$	99,585.24
	-0.47%	$	88,364.33

TIRZ 17 **November 2019**

Memorial Drive Reconstruction and Access Management

One-Page Monthly Consultant Report

Ongoing Activities:

Item	Description
1	Preparing 100% Plans
2	Proceeding with Parcel Acquisition
3	Continuing Private Utility Coordination
4	Continued coordination with agencies and consultants

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston, TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin, TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean, Executive Director
From: Stephanie Kirschner
Date: November 1, 2019
Re: Environmental Studies for Categorical Exclusion Memorial Drive (Beltway 8 to Tallowood Road) (MCT102) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – Purpose and Need	**100%**	**100%**
Comment: Task is complete.		
2 – Alternative Analysis	**15%**	**85%**
Comment: TGC finalized documentation and coordination with TxDOT during this period.		
3.1 – Socioeconomic Analysis	**100%**	**100%**
Comment: Task is complete.		
3.2 – Water Quality Conditions	**100%**	**100%**
Comment: Task is complete.		
3.3 – Plant Communities and Wildlife Habitat	**100%**	**100%**
Comment: Task is complete.		
3.4 – Waters and Wetlands Identification	**95%**	**95%**
Comment: No activity.		
3.5 – Air Quality Assessment	**70%**	**85%**
Comment: TGC finalized documentation and coordination with TxDOT during this period.		
3.6 – Floodplains Assessment	**100%**	**100%**
Comment: Task is complete.		
3.7 – Cultural Resource Identification	**35%**	**85%**
Comment: TGC finalized documentation and coordination with TxDOT during this period.		

3.7a – Historical Resource Analysis	**0%**	**85%**

Comment: TGC finalized documentation and coordination with TxDOT during this period.

3.8 – Hazardous Materials	**100%**	**100%**

Comment: Task is complete.

3.9 – Historical Resource Identification	**5%**	**85%**

Comment: TGC finalized documentation and coordination with TxDOT during this period.

3.9A – Indirect Impacts Assessment	**100%**	**100%**

Comment: Task is complete.

3.10 – Cumulative Impacts Assessment	**95%**	**95%**

Comment: No activity.

4 – Draft and Final EA	**35%**	**85%**

Comment:
Respond to TxDOT comments, update Opportunity to Comment documentation

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston, TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin, TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean
From: Jim Webb
Date: November 1, 2019
Re: Memorial City Redevelopment Authority Continued Implementation Assistance (MCT103) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – North Gessner Project Implementation Assistance	**100%**	**100%**
Comment: Task complete.		
2 – Memorial Drive Project Implementation Assistance	**94%**	**95%**
Comment: Coordinate final environmental approvals with TxDOT.		

THE GOODMAN CORPORATION

HOUSTON:
3200 Travis Street
Suite 200
Houston, TX 77006
(713) 951-7951

AUSTIN:
911 W. Anderson Lane
Suite 200
Austin, TX 78757
(512) 236-8002

THEGOODMANCORP.COM

PROGRESS REPORT

To: Scott Bean
From: Jim Webb
Date: November 1, 2019
Re: Memorial Drive Reconstruction Project (BW-8 to Tallowood) Soil and Groundwater Management Plan (MCT108) – **October 2019**

Task	Previous % Complete	Current % Complete
1 – Create Soil Management Plan for TxDOT	**90%**	**100%**

Comments: SGMP finalized and submitted to TxDOT.

SWA Houston

1245 W 18th Street
Houston, Texas
77008
+1.713.868.1676
www.swagroup.com

PROJECT STATUS REPORT BY SWA

SCOPE: LANDSCAPE ARCHITECTURE FOR MEMORIAL CITY REDEVELOPMENT AUTHORITY

PROJECTS: TIRZ #17 CIP

DATE: 3 December 2019

CURRENT PROJECTS STATUS

1. N. GESSNER DRAINAGE AND MOBILITY IMPRVTS – PH 1 (T-1732A) (SWA WO#12)
    - SWA is coordinating post-bid award and construction start-up with Gauge Engineering, TXDOT, METRO, CenterPoint as well as with the partnering management districts (Memorial Management and Spring Branch Management Districts) and key property owners and other agencies.
2. MEMORIAL DRIVE DRAINAGE AND MOBILITY IMPROVEMENTS - (T1731B)(SWA WO#13)
    - SWA has submitted 95% design documentation for the streetscape package in conjunction with TXDOT and LAN, as well as the Memorial Management District and local property owners. Reviews and revisions are on-going in preparation for 100% submittal scheduled for 6 December 2019.
3. ON-CALL (SWA WO#15)
    - SWA is working with area stakeholders (TIRZ 17, City of Houston, TXDOT, Memorial Management District, H-GAC) on the Beltway 8 Pathway connecting Buffalo Bayou and Memorial Drive. Phase One of the project by TXDOT is complete and work on amenity design and installation on-going. (also see SWA WO#17 below). (Project paused at Client's request).
4. TOWN & COUNTRY WEST DRAINAGE AND MOBILITY IMPRVTS (T-1717) (SWA WO#16)
    - Project is complete.
5. ON-CALL BELTWAY 8 TXDOT ENHANCE SIDEWALK (SWA WO#17)
    - SWA has prepared design documents to construct the landscape amenities to complement the sidewalk installation by TXDOT and is coordinating these with TxDOT. (Project paused at Client's request).
6. W140 MAINTENANCE ACCESS LAYOUT (SWA WO#18)

- SWA is preparing design documents for access improvements associated with the W140 in coordination with Gauge Engineering. (Project paused at Client's request).

END OF REPORT