

MINUTES

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

April 17, 2019

The Board of Directors ("Board") of Fort Bend County Levee Improvement District No. 15 ("District") met in regular session, open to the public, on April 17, 2019, at The Muller Law Group, PLLC, 202 Century Square Boulevard, Sugar Land, Texas 77478, outside the boundaries of the District, and the roll was called of the members of the Board:

Darrell Groves	President
Rohit Sankholkar	Secretary
Girish Misra	Vice President
Jeffrey Anderson	Assistant Secretary
Premal Shah	Assistant Vice President

and all of the above were present, thus constituting a quorum.

Also present at the meeting were: Commissioner Ken DeMerchant and Danielle Garrison of Fort Bend County, Precinct 4; Brad Koehl of Yellowstone Landscape; Dean Cooper of Fort Bend County Levee Improvement District No. 19 ("LID 19"); Chris Hill of 180 Messaging, Inc.; Jeff Perry, Jimmy Thompson, and Ross Autrey of Levee Management Services, LLC ("LMS"); Kristy Hebert of Tax Tech, Inc.; Chad Hablinski of Costello, Inc. ("Costello"); Pamela Lightbody of AVANTA Services; Julie Kveton of Riverstone Homeowners Association, Inc. ("HOA"); and Nancy Carter, Kene Chinweze, and Tara Miles of The Muller Law Group, PLLC ("MLG").

PUBLIC COMMENTS

Commissioner DeMerchant introduced himself and offered his office's resources to the District.

CONSENT AGENDA

MINUTES

The Board considered approving the minutes of the March 13, 2019, special meeting and the March 20, 2019, regular meeting.

TAX ASSESSOR/COLLECTOR'S REPORT

Ms. Hebert presented the tax assessor/collector's report, a copy of which is attached. She said that 98.09% of the District's 2018 property taxes have been collected as of March 31, 2019, and that the Fort Bend Central Appraisal District issued its 2019 preliminary taxable value of the District, which is approximately \$2,183,000,000.

FINANCIAL AND BOOKKEEPING MATTERS

Ms. Lightbody presented the bookkeeper's report, including the list of bills for payment, a copy of which is attached.

After review and discussion, Director Anderson moved to approve the i) minutes as presented, ii) tax assessor's report and payment of the bills listed in the report, and iii) bookkeeper's report and payment of the bills listed in the report. Director Shah seconded the motion, which passed unanimously.

LANDSCAPE ARCHITECT'S REPORT

Mr. Schnure presented the landscape architect's report, a copy of which is attached.

Mr. Schnure presented and recommended approval of Pay Estimate No. 5 in the amount of \$54,530.60 to Earthfirst Landscapes for the construction of landscape, sitework, and irrigation to serve Avalon, Section 17, along with Change Order No. 1 in the amount of \$15,804.73. He noted that the change order is related to private facilities and is not reimbursable to the developer.

Mr. Schnure presented and recommended approval of Pay Estimate No. 3 in the amount of \$191,654.55 to Classic Irrigation and Landscape, Inc., for the construction of landscape, sitework, and irrigation to serve Avalon, Section 14.

Mr. Schnure presented TBG's proposal, a copy of which is attached, for park bond application preparation services, noting an estimated cost of \$1,500 for each project that is included in the bond application.

After review and discussion, Director Anderson moved to approve the aforementioned pay estimates, change order, and proposal for bond application services. Director Misra seconded the motion, which carried unanimously.

U.S. ARMY CORPS OF ENGINEERS

There was no discussion on this agenda item.

MOWING AND WETLANDS MAINTENANCE

Mr. Koehl reported that mowing has stayed on schedule, and seeding and fertilization was performed last month.

Mr. Koehl informed the Board that due to a recent high wind event, Yellowstone has increased its efforts to remove damaged trees and debris in Alcorn Bayou. Mr. Schnure also noted damage to trees and park facilities at Avalon Central Park, which is being cleaned up by the HOA and Yellowstone. Ms. Carter stated that the District has property insurance on the park, and Mr. Schnure said he is compiling the estimated cost of repairs. Ms. Carter noted that several residents have raised concerns regarding damaged trees in Steep Bank Creek and Alcorn Bayou, and she responded that trees can only be removed for drainage purposes due to the U.S. Army Corps of Engineers Wetlands Permit.

GENERAL OPERATION MATTERS

Mr. Perry presented the operator's report, a copy of which is attached. He reviewed repairs and maintenance performed since the last regular Board meeting. He said the load bank test has been conducted on the Alcorn Bayou pump station generator, but the final report has not been issued.

Mr. Perry reported on repairs to pumps at Alcorn Bayou, noting repairs are scheduled to be complete in mid-May.

Mr. Perry provided an update on pending claims with the Federal Emergency Management Agency ("FEMA"), stating that they are on-going.

Mr. Hablinski stated that the hog fence installation was complete.

EMERGENCY OPERATIONS PROJECTS

The Board considered a Purchase Agreement with Gator Pump, Inc., for the purchase of five gator pumps at a cost of \$160,705. Mr. Perry stated that no additional paving is necessary for storing the gator pumps, but he presented a proposal to apply road base material and install bollards in the area where the gators will be deployed when used, at a cost not to exceed \$5,500. Director Shah inquired about the type of vinyl hosing being supplied with the gator pumps. Mr. Perry said he has not experienced issues with the hose type. After review and discussion, Director Shah moved to i) approve the Purchase Agreement with Gator Pump, Inc., for the purchase of five gator pumps in the amount of \$160,705, with a deposit of \$80,352.50 due upon execution of the Agreement, ii) approve the proposal in the amount not to exceed \$5,500 to apply road base material and install bollards for utilization of the gator pumps, and iii) adopt a Resolution Expressing Intent to Reimburse, stating the District's intent to pay for the gator pumps out of its operating account, to be reimbursed from future bond proceeds. Director Misra seconded the motion, which passed unanimously.

Mr. Perry reported that the site paving at the Steep Bank Creek pump station for the supplemental pumps shared with LID 19 is almost complete.

Mr. Perry said that Remote Monitoring Systems, LLC, is finishing the pricing related to the Steep Bank Creek pump station and Alcorn Bayou pump station and that he will bring pricing to the next Board meeting.

ENGINEERING MATTERS

Mr. Hablinski presented and reviewed the engineer's report, a copy of which is attached.

Mr. Hablinski requested authorization for Costello to design and advertise for bids for the construction of the Snake Slough storm sewer extension ("Project"). He said that the Project was designed as part of the Snake Slough pump station, but FEMA requires this portion of the pump station project to be complete prior to considering the District's Letter of Map Revision application. He said that the developer, Taylor Morrison, inquired if the District is willing to direct-finance the Project at an estimated Project cost of \$180,000.

Mr. Hablinski stated that he received a request from the owners of 3802 Sundance Hill Lane for District consent to the encroachment of landscape facilities in the District's drainage easement on their property. He said he reviewed the landscaping construction plans and had no objection to the encroachment.

After review and discussion, Director Shah moved to i) authorize Costello to design and advertise for bids for the construction of the Snake Slough storm sewer extension, subject to Taylor

Morrison's financing the Project, and ii) approve the Consent to Encroachment for 3802 Sundance Hill Lane. Director Misra seconded the motion, which passed unanimously.

EMERGENCY ACTION PLAN

Mr. Hablinski reviewed changes made to the District's Emergency Action Plan ("EAP"). The Board concurred to table approval of the EAP until after the Fort Bend County emergency operation exercise on April 26, 2019, and the Board requested Mr. Hablinski add provisions for the deployment of the newly purchased gator pumps to the EAP.

FORT BEND COUNTY EMERGENCY OPERATION EXERCISE

Ms. Carter reviewed logistics of the Fort Bend County emergency operations exercise to be held at 8:30 a.m. on April 26, 2019.

STEEP BANK CREEK PUMP STATION MATTERS

PUMP STATION EXPANSION

Director Sankholkar reported on discussions regarding the proposed Steep Bank Creek pump station expansion during the recent joint Technical Committee meeting. He said LID 19 wants to design the expansion to include three 50,000 gallon per minute pumps, which is beyond the Atlas 14 criteria. He reviewed a chart prepared by MLG, a copy of which is attached, of the cost allocations between the District and LID 19, noting that the Board previously concurred to fund their share of the expansion in accordance with the TP-40 criteria (33.18%), which is the current County regulation, and that if the County adopts Atlas 14, the District will retroactively fund their share of the expansion in accordance with the Atlas 14 criteria (44.24%). Director Anderson stated that the anticipated difference in cost to the District for designing the expansion to Atlas 14 versus TP-40 is an additional \$800,000, noting that the District may want to include that cost in a future bond issue. Ms. Carter stated that the District has enough available funds to pay for engineering costs associated with the expansion, but the Board will need to discuss and determine a financing plan for the remainder of the expansion project over the next few months.

Mr. Hablinski presented Costello's updated proposal based on the recent joint Technical Committee meeting, a copy of which is attached, to design the expansion of the Steep Bank Creek pump station. After review and discussion, Director Anderson moved to approve Costello's design proposal, subject to any additional terms recommended by MLG, and the cost allocation of the expansion project as set forth in the chart, with the District's share being 33.18% under TP-40 and 44.24% under Atlas 14, if adopted. Director Sankholkar seconded the motion, which passed unanimously.

PROPOSED AMENDMENTS TO MAINTENANCE AGREEMENT

Ms. Carter presented a Second Amended and Restated Maintenance Agreement ("Agreement") with LID 19, noting that the Agreement sets forth that i) the Steep Bank Creek pump station will be governed by a joint committee, ii) the Agreement only applies to maintenance and not capital improvements, and iii) the joint committee may approve repairs

up to \$10,000. After review and discussion, Director Anderson moved to approve the Agreement. Director Sankholkar seconded the motion, which passed unanimously.

REGIONAL STEEP BANK CREEK WATERSHED PROJECT

There was no discussion on this agenda item.

MAINTENANCE AGREEMENT FOR RECREATIONAL FACILITIES

Ms. Carter stated that MLG is scheduling a parks committee meeting with HOA.

STORMWATER QUALITY MANAGEMENT

There was no discussion on this agenda item.

COMMUNICATIONS MATTERS

Mr. Hill reported that he is taking a position as the President of the Sugar Land Skeeters and that 180 Communications will continue under the leadership of Beth Wolf, former Chief of Staff of former Fort Bend County Judge Robert Hebert's office.

FORT BEND FLOOD MANAGEMENT ASSOCIATION AND PERIMETER LEVEE MATTERS

Director Anderson reported on the recent perimeter levee meeting.

DEVELOPER'S REPORT

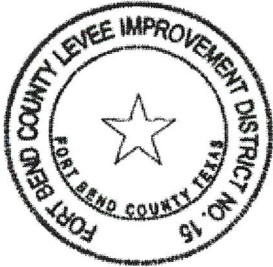
There was no report on development.

COMMITTEE REPORTS AND SCHEDULING OF MEETINGS

Director Shah requested a review of District vendors and requested the following information from each vendor: name, description of services, and payment history for the past three years. He said the Finance Committee desires to establish a vendor evaluation and procurement process. Ms. Carter said MLG will send an email detailing the requested information to all consultants.

The Board concurred no change to its regularly scheduled meeting was needed.

There being no further business to come before the Board, the Board concurred to adjourn the meeting.



[Handwritten Signature]
Secretary, Board of Directors


LIST OF ATTACHMENTS TO MINUTES

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Any documents referenced in these minutes and not attached herein are retained in the District's official records in accordance with the District's Record Management Program and are available upon request.

FORT BEND LEVEE IMPROVEMENT DISTRICT #15
STATE OF TEXAS
COUNTY OF FORT BEND

ESTHER BUENTELLO FLORES, BEING DULY SWORN, SAYS SHE IS THE TAX ASSESSOR COLLECTOR FOR THE ABOVE NAMED DISTRICT AND THAT THE FOREGOING CONTAINS A TRUE AND CORRECT REPORT ACCOUNTING FOR ALL THE TAXES COLLECTED FOR SAID DISTRICT DURING THE MONTH HEREIN STATED.

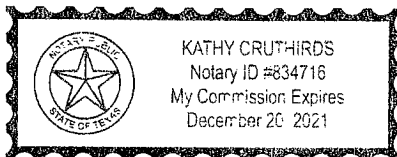


ESTHER BUENTELLO FLORES, RTA

SWORN TO AND SUBSCRIBED BEFORE ME, THIS 1ST, DAY OF APRIL 2019.



KATHY CRUTHIRDS
NOTARY PUBLIC, STATE OF TEXAS
MY COMMISSION EXPIRES 12/20/2021



SUBMITTED TO DISTRICT'S LEGAL COUNSEL _____

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT # 15
MONTHLY TAX REPORT - ENDING: 03/31/2019**

**TAX REPORT
CONDENSED SUMMARY**

BASE TAX COLLECTIONS

Prior Years	642.34
Current Year	174,740.32

Total Tax Collected	175,382.66
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OTHER INCOME

Penalty & Interest	12,713.07
DTAF Penalty	150.30
Overpayments	2,317.49
Returned Check Fee	50.00
Rendition Penalty	0.00
Earned Interest	508.12

Total Other Income	15,738.98
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TOTAL INCOME:	191,121.64
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Transfers to Bond Fund	2,200,000.00
Transfers to Road Bond Funds	484,839.00

Transfers to Operating Fund	480,007.31
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Transfers to Oper Fund-Rollback	0.00
Transfers to Bond Fund-Rollback	0.00
Transfers to Road Bond-Rollback	0.00

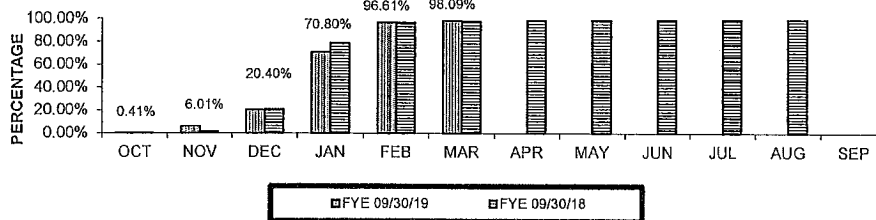
Disbursements Presented:	11 CHECK(S)	13,634.08
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Current - Collection Rate:	98.09%
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Last Year Collection Rate:	97.48%
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Tax Tech, Incorporated - Trusted Since 1986

COLLECTION COMPARISON



ESTHER BUENTELLO FLORES, R.T.A. - E-mail: ebflores@taxtech.net
 Telephone: 281.499.1223 Fax: 281.499.1244 www.taxtech.net
 TAX TECH, INCORPORATED
 12841 CAPRICORN STREET
 STAFFORD, TX 77477

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT # 15 - ENDING: 03/31/2019

PRIOR YEARS TAXES

Receivable at 09/30/18	\$82,476.57	
Reserve for Uncollectibles	0.00	
Adjustments since 09/30/18	(4,255.84)	
Adjustments this month	0.00	
TOTAL PRIOR YEARS RECEIVABLE		\$78,220.73
Collected since 09/30/18	(32,043.24)	
Collected this month	(642.34)	
TOTAL COLLECTED SINCE 09/30/18		(32,685.58)
TOTAL RECEIVABLE - PRIOR YEARS		\$45,535.15

2018 TAXES

Receivable at 09/30/18	11,893,145.32	
Adjustments since 09/30/18	70,414.37	
Adjustments this month		
2018 FBCAD KR#08	(1,956.50)	
TOTAL 2018 RECEIVABLE		11,961,603.19
Collected since 09/30/18	(11,557,987.56)	
Collected this month	(174,740.32)	
TOTAL COLLECTED - 2018		(11,732,727.88)
TOTAL RECEIVABLE - 2018		228,875.31
TOTAL TAXES RECEIVABLE - ALL YEARS		<u>\$274,410.46</u>

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT # 15 - ENDING: 03/31/2019

HISTORICAL INFORMATION

TAXABLE VALUE INFORMATION				TAX RATE INFORMATION					
Tax Year	Original Certified Value	Adjustments to Certified Value	Adjusted Assessed Value	Special Notes	Road Debt Service Tax Rate	Interest & Sinking Tax Rate	Maintenance & Operations Tax Rate	Total Tax Rate	Tax Year
2018	1,918,249,208	11,041,598	1,929,290,806		0.09210	0.40790	0.120	0.620	2018
2017	1,658,686,335	92,497,919	1,751,184,254		0.13500	0.41500	0.140	0.690	2017
2016	1,359,343,954	105,326,276	1,464,670,230		0.08000	0.56000	0.090	0.730	2016
2015	1,028,500,379	73,709,447	1,102,209,826		0.22339	0.45661	0.070	0.750	2015
2014	616,068,791	72,111,936	688,180,727		0.24885	0.32115	0.230	0.800	2014
2013	435,783,326	21,274,087	457,057,413		0.23803	0.41197	0.150	0.800	2013
2012	325,375,912	19,060,393	344,436,305		0.15000	0.50000	0.150	0.800	2012
2011	304,838,434	6,214,237	311,052,671		0.00000	0.65000	0.150	0.800	2011
2010	243,164,582	34,326,922	277,491,504		0.00000	0.69400	0.106	0.800	2010
2009	222,074,900	15,267,350	237,342,250		0.00000	0.60000	0.100	0.700	2009
2008	178,341,096	(22,000)	178,319,096		0.00000	0.60000	0.100	0.700	2008
2007	118,371,430	13,880,240	132,251,670		0.00000	0.43000	0.270	0.700	2007
2006	45,785,110	30,008,756	75,793,866		0.00000	0.00000	0.700	0.700	2006
2005	8,382,790	612,500	8,995,290		0.00000	0.00000	0.700	0.700	2005
2004	1,927,010	0	1,927,010		0.00000	0.00000	0.600	0.600	2004

TAXABLE LEVY INFORMATION					BASE TAX RECEIVABLES				
Tax Year	Total Original Levy	Total Adjustments to Levy	Total Adjusted Levy	Total Base Tax Collected	Balance	Reserve for Uncollectible	Total Base Tax Receivable	Total Percent Collected	Tax Year
2018	11,893,145.32	68,457.87	11,961,603.19	(11,732,727.88)	228,875.31	0.00	228,875.31	98.09%	2018
2017	11,444,935.15	638,235.57	12,083,170.72	(12,066,341.84)	16,828.88	0.00	16,828.88	99.86%	2017
2016	9,923,210.08	768,881.84	10,692,091.92	(10,683,607.13)	8,484.79	0.00	8,484.79	99.92%	2016
2015	7,713,753.34	552,820.93	8,266,574.27	(8,261,156.39)	5,417.88	0.00	5,417.88	99.93%	2015
2014	4,928,550.34	576,895.48	5,505,445.82	(5,500,597.66)	4,848.16	0.00	4,848.16	99.91%	2014
2013	3,486,266.61	170,192.70	3,656,459.31	(3,651,338.99)	5,120.32	0.00	5,120.32	99.86%	2013
2012	2,603,007.31	152,483.15	2,755,490.46	(2,750,655.34)	4,835.12	0.00	4,835.12	99.82%	2012
2011	2,438,707.47	49,713.90	2,488,421.37	(2,488,421.37)	0.00	0.00	0.00	100.00%	2011
2010	1,945,316.66	274,615.38	2,219,932.04	(2,219,932.04)	0.00	0.00	0.00	100.00%	2010
2009	1,554,524.30	108,871.45	1,661,395.75	(1,661,395.75)	0.00	0.00	0.00	100.00%	2009
2008	1,248,387.67	(154.00)	1,248,233.67	(1,248,233.67)	0.00	0.00	0.00	100.00%	2008
2007	828,600.01	97,161.68	925,761.69	(925,761.69)	0.00	0.00	0.00	100.00%	2007
2006	320,495.77	210,061.29	530,557.06	(530,557.06)	0.00	0.00	0.00	100.00%	2006
2005	58,679.53	4,287.50	62,967.03	(62,967.03)	0.00	0.00	0.00	100.00%	2005
2004	11,562.06	0.00	11,562.06	(11,562.06)	0.00	0.00	0.00	100.00%	2004
					274,410.46	0.00	274,410.46	(ALL YEARS)	

MAINTENANCE TAX LEVY					M & O RECEIVABLES					
Tax Year	Total Original M & O Levy	Total Adjustments to M & O Levy	Total M & O Levy	M & O Collected	Balance	Tax Administration Budget	Reserve for M & O Uncollectible	Total M & O Receivable	Total Percent Collected	Tax Year
2018	2,301,899.09	13,249.91	2,315,149.00	(2,270,850.56)	44,298.45	0.00	0.00	44,298.45	98.09%	2018
2017	2,322,160.76	129,497.07	2,451,657.83	(2,448,243.27)	3,414.56	0.00	0.00	3,414.56	99.86%	2017
2016	1,223,409.46	94,793.65	1,318,203.11	(1,317,157.04)	1,046.07	0.00	0.00	1,046.07	99.92%	2016
2015	719,950.31	51,596.62	771,546.93	(771,041.26)	505.67	0.00	0.00	505.67	99.93%	2015
2014	1,416,958.22	165,857.45	1,582,815.67	(1,581,421.83)	1,393.85	0.00	0.00	1,393.85	99.91%	2014
2013	653,674.99	31,911.13	685,586.12	(684,626.06)	960.06	0.00	0.00	960.06	99.86%	2013
2012	488,063.87	28,590.59	516,654.46	(515,747.88)	906.59	0.00	0.00	906.59	99.82%	2012
2011	457,257.65	9,321.36	466,579.01	(466,579.01)	0.00	0.00	0.00	0.00	100.00%	2011
2010	257,754.46	36,386.54	294,141.00	(294,141.00)	0.00	0.00	0.00	0.00	100.00%	2010
2009	222,074.90	15,267.35	237,342.25	(237,342.25)	0.00	0.00	0.00	0.00	100.00%	2009
2008	178,341.10	(22.00)	178,319.10	(178,319.10)	0.00	0.00	0.00	0.00	100.00%	2008
2007	319,602.86	37,476.65	357,079.51	(357,079.51)	0.00	0.00	0.00	0.00	100.00%	2007
2006	320,495.77	210,061.29	530,557.06	(519,557.06)	11,000.00	(11,000.00)	0.00	0.00	100.00%	2006
2005	58,679.53	4,287.50	62,967.03	(62,967.03)	0.00	0.00	0.00	0.00	100.00%	2005
2004	11,562.06	0.00	11,562.06	(11,562.06)	0.00	0.00	0.00	0.00	100.00%	2004
					63,525.23	(11,000.00)	0.00	52,525.23	(ALL YEARS)	

ROAD DEBT SERVICE TAX LEVY

Tax Year	Total Original ROAD D/S LEVY	Total Adjustments to ROAD D/S LEVY	Total ROAD D/S Levy	ROAD D/S Collected	Balance
2018	1,766,707.55	10,169.31	1,776,876.86	(1,742,877.80)	33,999.06
2017	2,239,226.44	124,872.18	2,364,098.62	(2,360,806.01)	3,292.61
2016	1,087,475.08	84,261.02	1,171,736.10	(1,170,806.26)	929.84
2015	2,297,567.14	164,659.56	2,462,226.70	(2,460,612.97)	1,613.73
2014	1,533,087.19	179,450.55	1,712,537.74	(1,711,029.66)	1,508.08
2013	1,037,295.05	50,638.71	1,087,933.76	(1,086,410.27)	1,523.49
2012	488,063.87	28,590.59	516,654.46	(515,747.88)	906.59
					43,773.39

ROAD D/S RECEIVABLES

Reserve for ROAD D/S Uncollectible	Total ROAD D/S Receivable	Total Percent Collected	Tax Year
0.00	33,999.06	98.09%	2018
0.00	3,292.61	99.86%	2017
0.00	929.84	99.92%	2016
0.00	1,613.73	99.93%	2015
0.00	1,508.08	99.91%	2014
0.00	1,523.49	99.86%	2013
0.00	906.59	99.82%	2012
0.00	43,773.39	(ALL YEARS)	

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15
SUMMARY OF CASH TRANSACTIONS
FOR THE PERIOD MARCH 1, 2019 THROUGH APRIL 17, 2019

		(Unaudited)			
		GENERAL FUND =====	CAPITAL PROJECTS FUND =====	DEBT SERVICE FUND - LEVEE =====	DEBT SERVICE FUND - ROAD =====
BALANCE	1-Mar-2019	\$74,520.24	\$0.00	\$0.00	\$0.00
RECEIPTS		486,829.36	0.00	2,200,000.00	484,839.00
DISBURSEMENTS		(203,740.47)	(48,378.99)	(550.00)	0.00
INVESTMENT PROCEEDS		250,000.00	48,402.90	550.00	0.00
INVESTMENT PURCHASES		(528,960.21)	0.00	(2,200,000.00)	(484,839.00)
TRANSFERS		0.00	0.00	0.00	0.00
BALANCE	31-Mar-2019	\$78,648.92	\$23.91	\$0.00	\$0.00
CURRENT MONTHS ACTIVITY:					
RECEIPTS		2,000.00	0.00	0.00	0.00
DISBURSEMENTS		(180,942.73)	(6,591.39)	0.00	0.00
INVESTMENT PROCEEDS		0.00	0.00	0.00	0.00
INVESTMENT PURCHASES		0.00	0.00	0.00	0.00
TRANSFERS		0.00	0.00	0.00	0.00
CURRENT CASH BALANCE		(\$100,293.81)	(\$6,567.48)	\$0.00	\$0.00
CURRENT INVESTMENTS		\$3,937,161.77	\$6,539,649.73	\$14,250,100.08	\$2,983,731.02
CASH BALANCES	17-Apr-2019	\$3,836,867.96	\$6,533,082.25	\$14,250,100.08	\$2,983,731.02
OPERATING RESERVE (1 YR EXPENSES)		\$1,638,868.00			
AVAILABLE GENERAL FUNDS		\$2,197,999.96			
SERIES 2014 ROADS			\$144,642.58		
SERIES 2015 ROADS: ALLOCATED TO CABRERA RD CONSTR PROJECT			\$174,610.84		
SERIES 2017 LEVEE			\$88,902.41		
SERIES 2017 PARK			\$739,306.66		
SERIES 2019 LEVEE			\$5,385,619.76		
DUE FUTURE LEVEE BONDS (ISSUE 15)		\$4,652.00			

AVANTA Services

5635 Northwest Central Drive, Suite 104E, Houston, Texas 77092
(713) 934.9110 (713) 934.9107 Fax (713) 934.9443 pelightbody@avantaserv.com

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15
CASH TRANSACTIONS**

Vendor/Customer	Document Number	Date	Description	Receipts	Disbursements
FOR THE ONE MONTH ENDED MARCH 31, 2019					
GENERAL FUND					
BLACKCASTLE- FEE TO W/D PS BID	R013	03/07/19	BLACKCASTLE- FEE TO W/D PS	2,500.00	-
32 BUILDER PERMIT FEES	R014	03/11/19	32 BUILDER PERMIT FEES	3,200.00	-
ANDERSON, JEFFREY	1486	03/20/19	PAYROLL - 2/20, 2/22, 3/8, 3/13	-	554.10
GROVES, DARRELL W.	1487	03/20/19	PAYROLL - 2/20, 3/13	-	295.61
MISRA, GIRISH C.	1488	03/20/19	PAYROLL - 1/26, 2/11, 2/20, 3/13	-	796.45
SANKHOLKAR, ROHIT	1489	03/20/19	PAYROLL - 2/20, 3/8, 3/13	-	437.04
SHAH, PREMAL	1490	03/20/19	PAYROLL - 2/20, 3/13	-	277.05
180 MESSAGING	1491	03/20/19	MESSAGING - DEC 2018 TO MARCH 2019	-	8,000.00
ASSOCIATION OF WATER BOARD	1492	03/20/19	2019 ANNUAL CONFERENCE- GROVES	-	355.00
BERG-OLIVER ASSOCIATES, INC.	1493	03/20/19	ENVIRO SERVICES THRU 3/1/19	-	991.76
COSTELLO, INC.	1494	03/20/19	SERVICES - JAN & FEB 2019	-	8,165.06
CYPRESS CONCEPTS	1495	03/20/19	STREET CLEANING - FEB 2019	-	3,612.00
FORT BEND CO. LID NO. 19	1496	03/20/19	STORAGE FACILITY- SUPP PUMPS	-	20,405.70
RIVERSTONE HOA	1497	03/20/19	PARK MAINT- 1ST QTR 2019	-	112,278.75
LLOYD GOSSELINK ROCHELLE TOWNS	1498	03/20/19	SERVICES- JAN 2019	-	72.00
LEVEE MANAGEMENT SERVICES LLC	1499	03/20/19	SERVICES - FEB 2019	-	10,703.75
THE MULLER LAW GROUP, PLLC	1500	03/20/19	GENERAL & FEMA CLAIMS THRU 03/01/2019	-	14,427.50
OFF CINCO	1501	03/20/19	WEBSITE - FEB 2019	-	440.00
RAPID RESEARCH INC.	1502	03/20/19	ABSTRACTORS CERTIFICATES	-	135.00
WITT O'BRIEN'S , LLC	1503	03/20/19	FEMA REIMB SERV - FEB 2019	-	914.65
YELLOWSTONE LANDSCAPE	1504	03/20/19	SERVICES - FEB 2019	-	20,870.00
BANK ACCT MAINT FEE	J097	03/15/19	BANK ACCT MAINT FEE	-	9.05
FB19 REIMB - SWMP 4TH QTR 18	R015	03/25/19	FB19 REIMB - SWMP 4TH QTR 18	1,105.40	-
COMPASS INT CK @.15%	J095	03/31/19	COMPASS INT CK @.15%	16.65	-
TRF FROM TAX TO GOF	J103	03/29/19	TRF FROM TAX TO GOF	480,007.31	-
GENERAL FUND TOTALS				\$486,829.36	\$203,740.47
CAPITAL PROJECTS FUND					
COSTELLO, INC.	1505	03/20/19	CPF- SER 19- APP, HAG PS & IC - JAN & FEB	-	13,380.33
MCGRATH & CO PLLC	1506	03/20/19	CPF- SERIES 2019 AUP FINAL	-	1,500.00
THE MULLER LAW GROUP, PLLC	1507	03/20/19	CPF- CONST THRU 03/01/19	-	6,276.25
THIRD COAST SERVICES LLC	1508	03/20/19	CPF-SIGNAL CABRERA DR -EST # 5 & FINAL	-	27,222.41
CAPITAL PROJECTS FUND TOTALS				\$0.00	\$48,378.99
DEBT SERVICE FUND - LEVEE IMPROVEMENTS					
WELLS FARGO BANK	1509	03/20/19	DSF-PAY. AGENT FEE-SER 2012	-	550.00
TRF FROM TAX TO LEVEE BONDS	J100	03/29/19	TRF FROM TAX TO LEVEE BONDS	2,200,000.00	-
DEBT SERVICE FUND - LEVEE TOTALS				\$2,200,000.00	\$550.00
DEBT SERVICE FUND - ROAD IMPROVEMENTS					
TRF FROM TAX TO ROAD BONDS	J101	03/29/19	TRF FROM TAX TO ROAD BONDS	484,839.00	-
DEBT SERVICE FUND - ROAD TOTALS				\$484,839.00	\$0.00

**FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15
CASH TRANSACTIONS**

Vendor/Customer	Document Number	Date	Description	Receipts	Disbursements
FOR THE PERIOD ENDED APRIL 17, 2019					
GENERAL FUND					
CAVALLO ENERGY TEXAS LLC	1511	04/02/19	6019 1/2 NOWLANDS RUN 03/13/19	-	1,518.54
UNITED STATES TREASURY	1510	04/04/19	941 - 1ST QTR 2019 PAYROLL TAX	-	1,300.91
20 BLDR PERMIT FEES	R016	04/08/19	20 BLDR PERMIT FEES	2,000.00	-
ANDERSON, JEFFREY	1513	04/17/19	PAYROLL - 3/18/19, 3/20/19	-	277.05
GROVES, DARRELL W.	1514	04/17/19	PAYROLL - 3/20/19	-	147.80
MISRA, GIRISH C.	1515	04/17/19	PAYROLL - 3/20/19	-	145.48
SANKHOLKAR, ROHIT	1516	04/17/19	PAYROLL - 3/18/19, 3/20/19	-	300.25
SHAH, PREMAL	1517	04/17/19	PAYROLL - 3/20/19	-	138.52
COSTELLO, INC.	1518	04/17/19	GENERAL THRU 3/31/2019	-	3,196.38
CYPRESS CONCEPTS	1519	04/17/19	STREET CLEANING - MAR 2019	-	3,612.00
FORT BEND CO. LID NO. 19	1520	04/17/19	SBC REGIONAL 2-D MODEL THRU FEB 19	-	41,384.10
GREEN SOURCE ENVIRONMENTAL	1521	04/17/19	HOG FENCING - 2ND & FINAL	-	69,232.95
LEVEE MANAGEMENT SERVICES LLC	1522	04/17/19	SERVICES - MAR 2019	-	9,955.00
THE MULLER LAW GROUP, PLLC	1523	04/17/19	GENERAL THRU 04/04/2019	-	13,893.75
OFF CINCO	1524	04/17/19	WEBSITE - MAR 2019	-	415.00
STEWART TITLE COMPANY	1525	04/17/19	7 OWNERSHIP & LIEN REPORTS	-	1,400.00
YELLOWSTONE LANDSCAPE	1526	04/17/19	MOW, FERT, OVERSEED, WETLANDS - MAR 2019	-	34,025.00
CAVALLO ENERGY TEXAS LLC			NEXT MONTH UTILITY INVOICE		
EN-TOUCH SYSTEMS INC			NEXT MONTH DATA LINE INVOICE		
GENERAL FUND TOTALS				\$2,000.00	\$180,942.73
CAPITAL PROJECTS FUND					
COSTELLO, INC.	1527	04/17/19	CPF-SER19-HAGERSON PS ENG-MAR 19	-	2,968.89
THE MULLER LAW GROUP, PLLC	1528	04/17/19	CPF- CONST THRU 04/04/19	-	3,622.50
CAPITAL PROJECTS FUND TOTALS				\$0.00	\$6,591.39
DEBT SERVICE FUND - LEVEE IMPROVEMENTS					
DEBT SERVICE FUND TOTALS				\$0.00	\$0.00
DEBT SERVICE FUND - ROAD IMPROVEMENTS					
DEBT SERVICE FUND TOTALS				\$0.00	\$0.00

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

April 17, 2019

(Unaudited)

SUMMARY OF INVESTMENTS

BANK	ACCT #	RATE	PURCHASE DATE	MATURITY DATE	AMOUNT
GENERAL FUND					
MAX INVESTMENT PERIOD -- 12 MONTHS --					
TEXSTAR	26713-1111-0	2.4112%			\$ 3,588,835.41
COMPASS BANK MMA	6729776570	0.2500%			\$ 348,326.36
TOTAL GENERAL FUND INVESTMENTS					\$3,937,161.77
CAPITAL PROJECTS FUND					
MAX INVESTMENT PERIOD -- 12 MONTHS --					
TEXSTAR - SER 2014 ROADS	26713-1196-0	2.4112%			\$ 144,642.58
TEXSTAR - SER 2015 ROADS	26713-1198-0	2.4112%			\$ 174,586.93
TEXSTAR - SER 2017 LEVEE	26713-1200-0	2.4112%			\$ 92,524.91
TEXSTAR - SER 2017 PARKS	26713-2017-0	2.4112%			\$ 739,306.66
TEXSTAR - SER 2019 LEVEE	26713-1201-0	2.4112%			\$ 5,388,588.65
TOTAL CAPITAL PROJECTS FUND INVESTMENTS					\$6,539,649.73
DEBT SERVICE FUND					
MAX INVESTMENT PERIOD -- 12 MONTHS --					
TEXSTAR - LEVEE IMPROV	26713-1023-0	2.4112%			\$ 10,934,650.67
COMPASS BANK MMA	2530962930	2.3000%			\$ 2,827,140.56
CENTRAL BANK CD - LEVEE	66000083	2.3000%	26-Aug-18	26-Aug-19	\$ 242,452.33
PLAINS STATE BK CD - LEVEE	4127500	2.3800%	27-Aug-18	27-Aug-19	\$ 245,856.52
TOTAL DEBT SERVICE - LEVEE					\$ 14,250,100.08
TEXSTAR - ROAD IMPROV.	26713-1025-0	2.4112%			\$ 2,983,731.02
TOTAL DEBT SERVICE - ROADS					\$ 2,983,731.02
TOTAL DEBT SERVICE FUND INVESTMENTS					\$ 17,233,831.10

PUBLIC FUNDS INVESTMENT ACT TRAINING REQUIREMENT

ACCOUNTANT - PAMELA LOGSDON

COMPLETED - MAY 2017

SCHEDULE OF DEBT SERVICE PAYMENTS

	DUE DATE	-----SEMI-ANNUAL-----		TOTAL	ANNUAL AMOUNT DUE
		PRINCIPAL	INTEREST		
FY 2019 PAID	1-Mar-2019		1,581,047.51	1,581,047.51	
FY 2019	1-Sep-2019	6,635,000.00	1,722,232.41	8,357,232.41	\$ 9,938,279.92
FY 2020	1-Mar-2020		1,636,566.89	1,636,566.89	
FY 2020	1-Sep-2020	6,720,000.00	1,636,566.89	8,356,566.89	\$ 9,993,133.78

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

April 17, 2019

(Unaudited)

BOND SCHEDULE

BOND SERIES	NET EFF RATE	SALE DATE	FUNDING DATE	BONDS SOLD	CURRENT BALANCE DUE
SERIES 2010	5.099642%	06/28/10	07/27/10	\$ 3,975,000	\$ -
SERIES 2012	4.478232%	02/27/12	03/27/12	\$ 7,990,000	\$ 6,700,000
SERIES 2013	3.910418%	02/25/13	03/28/13	\$ 6,000,000	\$ 5,390,000
SERIES 2013 REFUNDING BONDS	4.699884%	07/11/13	08/15/13	\$ 6,505,000	\$ 6,000,000
SERIES 2013A ROAD BONDS	4.811694%	07/30/13	08/27/13	\$ 11,200,000	\$ 9,845,000
SERIES 2014 ROAD BONDS	3.408636%	08/25/14	09/23/14	\$ 7,625,000	\$ 6,765,000
SERIES 2015 ROAD BONDS	3.715374%	06/22/15	07/28/15	\$ 3,975,000	\$ 3,525,000
SERIES 2015A	3.390794%	09/29/15	10/27/15	\$ 20,250,000	\$ 17,250,000
SERIES 2015 REFUNDING BONDS	3.285542%	10/14/15	11/12/15	\$ 5,360,000	\$ 4,870,000
SERIES 2016 REFUND RD BONDS	2.911738%	08/16/16	09/14/16	\$ 4,250,000	\$ 4,015,000
SERIES 2017	3.519298%	01/23/17	02/28/17	\$ 17,770,000	\$ 17,525,000
SERIES 2017 PARK BONDS	1.407424%	07/26/17	07/27/17	\$ 11,750,000	\$ 8,750,000
SERIES 2017 REFUNDING BONDS	3.478967%	07/24/17	08/24/17	\$ 3,715,000	\$ 3,685,000
SERIES 2019	3.374683%	01/16/19	02/24/19	\$ 8,925,000	\$ 8,925,000
				<u>\$ 119,290,000</u>	<u>\$ 103,245,000</u>

DUE TO DEVELOPERS

AMOUNT DUE PER SEPTEMBER 30, 2018 AUDIT REPORT:

COMPLETED PROJECTS	\$ 13,274,770
PROJECTS UNDER CONSTRUCTION	\$ 405,389
	<u>\$ 13,680,159</u>

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15

GENERAL FUND

STATEMENT OF REVENUES AND EXPENDITURES FOR THE ONE AND SIX MONTHS ENDED MARCH 31, 2019

	--Current Period-- Actual	Year-to-Date			Annual Budget
		Actual	Budget	Variance	
REVENUES					
PROPERTY TAX REVENUE	480,007.31	2,281,935.53	2,280,000.00	1,935.53	2,280,000.00
INTEREST ON INVESTMENTS	6,808.13	27,323.63	13,998.00	13,325.63	28,000.00
DEVELOPER PERMIT FEES	3,200.00	8,700.00	4,998.00	3,702.00	10,000.00
MISC REVENUES	2,500.00	2,500.00	0.00	2,500.00	0.00
TOTAL REVENUES	492,515.44	2,320,459.16	2,298,996.00	21,463.16	2,318,000.00
EXPENDITURES					
PROFESSIONAL FEES					
AUDITING FEES	0.00	13,500.00	13,500.00	0.00	13,500.00
LEGAL - GENERAL SERVICES	12,300.00	75,355.00	60,000.00	15,355.00	120,000.00
LEGAL - OTHER	1,593.75	3,160.75	27,498.00	(24,337.25)	55,000.00
ENGINEERING FEES GENERAL	3,062.50	15,660.84	36,000.00	(20,339.16)	72,000.00
ENGINEERING FEES - SPECIAL PROJECT	133.88	6,573.84	7,500.00	(926.16)	15,000.00
CONTRACTED SERVICES					
ACCOUNTANT FEES	0.00	0.00	13,500.00	(13,500.00)	27,000.00
OPERATOR FEES - ROUTINE	7,645.00	59,465.00	47,496.00	11,969.00	95,000.00
OPERATOR FEES - SPECIAL PROJECTS	0.00	14,788.36	7,500.00	7,288.36	15,000.00
REPAIRS, MAINTENANCE & PERMITS					
MAINT & REPAIRS- FACILITIES- ROUTINE	1,710.00	9,136.31	24,996.00	(15,859.69)	50,000.00
MAINT - YELLOWSTONE (MOW, TRIM, ETC)	32,010.00	92,649.40	162,498.00	(69,848.60)	325,000.00
WETLANDS MAINT - YELLOWSTONE	2,015.00	31,535.00	49,998.00	(18,463.00)	100,000.00
SPECIAL PROJECTS - WETLANDS	0.00	0.00	12,498.00	(12,498.00)	25,000.00
MAINTENANCE - ROADS	3,612.00	21,672.00	26,748.00	(5,076.00)	53,500.00
MAINTENANCE - PARKS	112,278.75	224,557.50	224,556.00	1.50	449,115.00
MAINTENANCE - OTHER	0.00	6,400.00	7,500.00	(1,100.00)	15,000.00
MAINT & REPAIRS- SPECIAL PROJECTS	0.00	0.00	0.00	0.00	0.00
CORP. PERMIT COMPLIANCE	0.00	6,716.17	17,496.00	(10,779.83)	35,000.00
STORM WATER COMPLIANCE / PERMIT	0.00	1,105.40	2,186.00	(1,080.60)	4,375.00
EMERGENCY MEASURES PROGRAM	0.00	0.00	0.00	0.00	0.00
DEVELOPER PERMIT FEES	600.00	4,800.00	3,000.00	1,800.00	6,000.00
LEVEE INSPECTION/ RECERTIFICATION	0.00	0.00	996.00	(996.00)	2,000.00
PERMIT FEES	0.00	100.00	0.00	100.00	0.00
UTILITIES - ALCORN BAYOU PUMP ST	1,518.54	12,331.71	3,600.00	8,731.71	7,200.00
TELEPHONE - ALCORN BAYOU PUMP ST	0.00	0.00	498.00	(498.00)	1,000.00
JOINT PUMP STATION EXPENSES	0.00	30,072.72	15,014.00	15,058.72	30,028.00
ADMINISTRATIVE EXPENSES					
DIRECTOR FEES	1,050.00	9,900.00	10,000.00	(100.00)	20,000.00
PRINTING/OFFICE SUPPLIES	0.00	1,336.66	1,800.00	(463.34)	3,600.00
POSTAGE	0.00	0.00	0.00	0.00	0.00
INSURANCE	0.00	29,280.00	27,250.00	2,030.00	27,250.00
LEGAL NOTICES	0.00	300.80	0.00	300.80	0.00
TRAVEL AND EXPENSES	39.44	4,072.15	3,375.00	697.15	7,500.00
PUBLIC COMMUNICATIONS	2,415.00	14,457.00	14,310.00	147.00	28,620.00
MEETING EXPENSES	0.00	1,227.74	1,248.00	(20.26)	2,500.00
PAYROLL TAXES	80.34	757.42	762.00	(4.58)	1,530.00
BANK CHARGES	27.05	176.40	222.00	(45.60)	450.00
DUES	0.00	5,650.00	6,700.00	(1,050.00)	6,700.00
ELECTION EXPENSES	0.00	11,201.50	25,000.00	(13,798.50)	25,000.00
OTHER EXPENSES	0.00	6,877.21	0.00	6,877.21	0.00
TOTAL EXPENDITURES FROM OPERATIONS	182,091.25	714,816.88	855,245.00	(140,428.12)	1,638,868.00

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15
GENERAL FUND
STATEMENT OF REVENUES AND EXPENDITURES
FOR THE ONE AND SIX MONTHS ENDED MARCH 31, 2019

	<u>--Current Period--</u> <u>Actual</u>	<u>Year-to-Date</u>			<u>Annual</u> <u>Budget</u>
		<u>Actual</u>	<u>Budget</u>	<u>Variance</u>	
EXCESS REVENUES (EXP) FROM OPERATIONS	310,424.19	1,605,642.28	1,443,751.00	161,891.28	679,132.00
GOVT AGENCY CONTRIBUTION	0.00	0.00	0.00	0.00	0.00
CAPITAL OUTLAY -	(69,232.95)	(121,575.20)	(150,000.00)	28,424.80	(175,000.00)
CAPITAL OUTLAY - ENGINEERING FEES	0.00	0.00	0.00	0.00	0.00
CAPITAL OUTLAY - LAND	(1,400.00)	(2,898.50)	0.00	(2,898.50)	0.00
FUTURE REIMB - LEVEE BONDS	(41,384.10)	(71,026.23)	(198,000.00)	126,973.77	(396,000.00)
FUTURE REIMB - ROAD BONDS	0.00	0.00	0.00	0.00	0.00
FUTURE REIMB - PARK BONDS	0.00	0.00	0.00	0.00	0.00
FUTURE REIMB - PARK BONDS	0.00	0.00	0.00	0.00	0.00
TFR FROM CAPITAL PROJECTS FUND	(4,652.00)	692,966.85	767,000.00	(74,033.15)	767,000.00
EXCESS REVENUES (EXPENDITURES)	<u>193,755.14</u>	<u>2,103,109.20</u>	<u>1,862,751.00</u>	<u>240,358.20</u>	<u>875,132.00</u>

FORT BEND COUNTY LEVEE IMPROVEMENT DISTRICT NO. 15
UTILITY BILLINGS
March 13, 2019

<u>SERVICE PROVIDER</u>	<u>BILLING START DATE</u>	<u>BILLING END DATE</u>	<u>CONSUMPTION KWH</u>	<u>INVOICE CHARGE</u>
<u>PUMP STATION AT 6811 1/2 THOMPSON FERRY RD, SUGARLAND TX 77449</u>				
CAVALLO ENERGY	10/10/17	11/08/17	5,760	\$2,956.20
CAVALLO ENERGY	11/08/17	12/11/17	7,200	\$3,068.17
CAVALLO ENERGY	12/11/17	01/12/18	7,920	\$3,116.45
CAVALLO ENERGY	01/12/18	02/12/18	6,480	\$3,044.18
CAVALLO ENERGY	02/12/18	03/13/18	5,760	\$3,003.12
CAVALLO ENERGY	03/13/18	04/12/18	5,760	\$3,002.84
CAVALLO ENERGY	04/12/18	05/11/18	5,040	\$2,965.61
CAVALLO ENERGY	05/11/18	06/12/18	6,480	\$3,075.36
CAVALLO ENERGY	06/12/18	07/11/18	5,760	\$3,132.91
CAVALLO ENERGY	07/12/18	08/10/18	5,760	\$537.58
CAVALLO ENERGY	08/10/18	09/11/18	6,480	\$566.66
FISCAL YEAR 2018 TOTALS			<u>68,400</u>	<u>\$28,469.08</u>
CAVALLO ENERGY	09/12/18	10/10/18	5,760	\$593.33
CAVALLO ENERGY	10/10/18	11/08/18	6,480	\$2,275.59
CAVALLO ENERGY	11/08/18	12/11/18	7,200	\$2,816.52
CAVALLO ENERGY	12/11/18	01/14/19	12,960	\$3,367.23
CAVALLO ENERGY	01/14/19	02/12/19	6,480	\$1,760.50
CAVALLO ENERGY	02/12/19	03/13/19	5,760	\$1,518.54
FISCAL YEAR 2019 TOTALS			<u>44,640</u>	<u>\$12,331.71</u>



TBG

Ft. Bend County LID 15

Landscape Architects Status Report

April 17, 2019

Avalon at Riverstone Section 17 – sitework, landscape and irrigation (H16083)

Earthfirst

Pay Application Five

Contract Amount	\$ 533,608.00
Change Order 001	\$15,804.73
Change Orders to Date	\$(0)
Current Contract Amount	\$ 533,608.00
Payment Application One	\$34,183.80
Payment Application Two	\$65,754.00
Payment Application Three	\$38,171.93
Payment Application Four	\$46,639.18
<u>Payment Application Five</u>	<u>\$54,530.60</u>
Payment Approved to Date	\$184,748.91

Avalon at Riverstone Section 14 – sitework, landscape and irrigation (H16083)

Classic Irrigation and Landscape

Pay Application Three

Contract Amount	\$ 720,072.00
Change Orders to Date	\$(0)
Current Contract Amount	\$ 720,072.00
Payment Application One	\$68,490.90
Payment Application Two	\$15,500.15
<u>Payment Application Three</u>	<u>\$191,654.55</u>
Payment Approved to Date	\$84,991.05

LID 15 Parks Bond Submittal 14 – (H19164)

TBG is submittal a proposal for services for consideration

Projects Currently in Design: Hagerson Tract



TBG

April 10, 2019

Fort Bend LID 15
c/o Muller Law Group
202 Century Square Blvd, Sugar Land, TX 77478

Re: Fort Bend LID 15- Bond Submittal Services
TBG Project

TBG Partners is pleased to submit the following proposal for professional services on your project: This Agreement is by and between TBG Partners (TBG) and Fort Bend LID 15 (client).

SCOPE OF SERVICES

TBG Partners will provide professional services, as requested by the client, which may include the following:

- A. Compiling of documentation required by TCEQ for bond reimbursement
- B. Production of cost analysis and cost distribution reports
- C. Production of overall map showing projects within the MUD
- D. Coordination with the MUD attorney and MUD engineer
- E. Preparation of graphics/diagrams/renderings as requested
- F. Attendance at meeting

Schedule – it is anticipated this work will require approximately 8 weeks, with all documentation being provided to the LID attorney and engineer.

COMPENSATION

TBG will provide the above described services on an hourly basis as requested by the client and per the attached rate sheet. For budgeting purposes we have estimated approximately \$1,500 per project an initial allowance of **\$18,000**. Billings will be monthly for work performed during the current billing period.

REIMBURSABLES

The following costs shall be reimbursed at cost plus ten percent and are not included in the fee for professional services. For budgeting purposed we would estimate reimbursables to be approximately \$1,500.



TBG

- A. Cost of copies for drawings, specifications, reports, cost estimates, xerography and photographic reproduction of drawings and other documents furnished or prepared in connection with the work of this contract
- B. Travel associated with the project, including, but not limited to, mileage at current IRS rate, airfare, automobile rental, hotel and meals
- C. Cost of postage and shipping expenses other than first class mail
- D. Long-distance telephone and facsimile charges
- E. Cost of digital scanning
- F. Cost of printing for small and large format plots black and white as well as color plots
- G. Cost of models, special renderings, promotional photography, special process printing, special equipment, special printed reports or publications, maps and documents approved in advance by the Client
- H. Fees for additional consultants retained with the approval of the Client

If the above scope of services and compensation outlined above meet with your approval, please sign below and return one copy of this proposal for our files. We look forward to the opportunity of working with you. Please do not hesitate to call if you have any questions or need additional information.

Sincerely,
TBG Partners

Meade Mitchell, ASLA
Principal

APPROVED:

By _____

Date _____

CONTRACT TERMS AND CONDITIONS

A. Effective Date

This Agreement shall become effective upon the date of execution by the Client.

B. Standard of Care

All services shall be of good quality and shall be performed in a professional manner. The standard of care for all professional and related landscape architect services performed or furnished by the Landscape Architect under this Agreement will be the care and skill ordinarily provided by competent professionals practicing under similar circumstances; and as expeditiously as is prudent considering the ordinary professional skill and care of a competent landscape architect. Landscape Architect will be responsible for all damages sustained by District as a result of a failure to abide by the Standard of Care.

C. Guaranty of Certifications

Unless specifically provided for elsewhere in this Agreement, TBG Partners makes no warranties, representations or guarantees that the Project will actually achieve or receive any certification by the Leadership in Energy and Environmental Design (LEED) Green Building Rating System of the U. S. Green Building Council, or any other similar state, local or national environmental building program. Similarly, unless otherwise provided for in this Agreement, TBG Partners makes no warranties, representations or guarantees regarding the energy use or operating costs or expenses of the Project.

D. Parties to this Agreement

This is a professional services Agreement that TBG is entering into for the exclusive benefit of the Client. There are no intended third-party beneficiaries of the Agreement. TBG agrees not to assign this Agreement or any causes of action that arise under it without the express consent of the District.

E. Ownership of Documents

All documents, including original drawings, estimates, specifications, periodic construction progress notes, and data (collectively, the "Documents") shall be the property of the District, provided that TBG has received full compensation due pursuant to the terms of this Agreement and subject to all of the following terms and conditions. TBG agrees that it shall not reuse any portion of the Documents that is unique to the District's Projects or Projects for any other client, without the express written consent of the District, which consent will not be unreasonably withheld. TBG may retain a set of reproducible record copies of the Documents, in consideration of which it is mutually agreed that the District will use such Documents solely in connection with the Project covered by the Agreement and for no other purposes, except with the express written consent of TBG, which consent will not be unreasonably withheld. Any use of the Documents without the express written consent of TBG shall be at the District's sole risk.

All materials and information that are the property of District and all copies or duplications thereof shall be delivered to District by Landscape Architect, if requested by District, upon completion of Services. Landscape Architect may retain one (1) complete set of reproducible copies of all of its instruments of service.

F. Design Requirements.

Construction plans and specifications shall conform to the design criteria and regulations of all agencies and political subdivisions with jurisdiction over the project at the time of design, including the Texas Commission on Environmental Quality. In the event the plans and specifications do not

conform to any such entity's criteria, the Landscape Architect shall redesign the plans and specifications to conform to such criteria at no cost to the District.

G. Intentionally omitted)

H. Statements and Payment

Fees for professional services and reimbursable expenses will be invoiced to the Client monthly based on hours completed for each task. A task-by-task description of work performed will be submitted with each invoice. TBG reserves the right to suspend services in the event that invoices exceeding a total amount of \$5,000 remain unpaid for more than forty-five (45) days.

I. Termination

The client may terminate this Agreement upon written notice to TBG, in which event client shall compensate TBG for all work performed by TBG prior to termination. TBG may terminate this Agreement upon ten (10) days' written notice to owner after the occurrence of any of the following:

1. The client's failure to pay TBG's invoices within forty-five (45) days;
2. Suspension of the Project for more than sixty (60) days;
3. The client's material default of any terms of this Agreement; or
4. The client's failure to execute this Agreement.

Upon delivery of such termination notice by the District to the Landscape Architect, unless the notice states otherwise, the Landscape Architect shall immediately discontinue all services and deliver to the District copies of all completed or partially completed designs, drawings, specifications, reports, or any other document under Ownership of Documents prepared by Landscape Architect pursuant to this Agreement within fourteen (14) days of the effective date of termination, at no additional cost to the District.

J. Risk Allocation

TBG will be responsible only for its own work and not for defects in the work designed or built by others, except to the extent TBG fails to observe the Standard of Care included above.

K. Dispute Resolution

As a condition precedent to either the Client or TBG's filing of any claim in litigation, the President of TBG and the Client shall meet within thirty (30) days of a request by either party to attempt to resolve the dispute. TBG will not be required to participate in any mediation or arbitration proceeding with any parties other than the Client without TBG's consent. Venue for any dispute arising out of the services provided by TBG under this Agreement shall be in the District Court of Travis County, Texas.

L. Indemnification.

GENERAL. TO THE FULLEST EXTENT PERMITTED BY LAW, LANDSCAPE ARCHITECT SHALL INDEMNIFY AND HOLD HARMLESS DISTRICT, ITS EMPLOYEES, AGENTS, AND REPRESENTATIVES (HEREINAFTER REFERRED TO INDIVIDUALLY AS AN "INDEMNITEE" AND COLLECTIVELY AS THE "INDEMNITEES") FROM AND AGAINST ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES, INCLUDING BUT NOT LIMITED TO REASONABLE ATTORNEYS' FEES AND COSTS INCURRED BY INDEMNITEES WHICH ARE:

1. DUE TO THE VIOLATION OF ANY ORDINANCE, REGULATION, STATUTE, OR OTHER LEGAL REQUIREMENT IN THE PERFORMANCE OF THIS AGREEMENT, BY LANDSCAPE ARCHITECT, ITS AGENT, ANY CONSULTANT UNDER CONTRACT, OR ANY OTHER ENTITY OVER WHICH THE LANDSCAPE ARCHITECT EXERCISES CONTROL;

2. CAUSED BY OR RESULTING FROM ANY NEGLIGENT OR INTENTIONAL ACT OR OMISSION IN VIOLATION OF LANDSCAPE ARCHITECT'S STANDARD OF CARE, BY THE LANDSCAPE ARCHITECT, ITS AGENT, ANY CONSULTANT UNDER CONTRACT, OR ANY OTHER ENTITY OVER WHICH THE LANDSCAPE ARCHITECT EXERCISES CONTROL;
3. CAUSED BY OR RESULTING FROM ANY CLAIM ASSERTING INFRINGEMENT OR ALLEGED INFRINGEMENT OF A PATENT, TRADEMARK, COPYRIGHT OR OTHER INTELLECTUAL PROPERTY RIGHT IN CONNECTION WITH THE INFORMATION FURNISHED BY OR THROUGH LANDSCAPE ARCHITECT, ITS AGENT, ANY CONSULTANT UNDER CONTRACT, OR ANY OTHER ENTITY OVER WHICH THE LANDSCAPE ARCHITECT EXERCISES CONTROL;
4. DUE TO THE FAILURE OF LANDSCAPE ARCHITECT, ITS AGENT, ANY CONSULTANT UNDER CONTRACT, OR ANY OTHER ENTITY OVER WHICH THE LANDSCAPE ARCHITECT EXERCISES CONTROL TO PAY THEIR CONSULTANTS OR SUBCONSULTANTS AMOUNTS DUE FOR SERVICES PROVIDED IN CONNECTION WITH THE PROJECT; OR
5. OTHERWISE ARISING OUT OF OR RESULTING FROM THE PERFORMANCE OF THE SERVICES UNDER THIS AGREEMENT, INCLUDING SUCH CLAIMS, DAMAGES, LOSSES OR EXPENSES ATTRIBUTABLE TO BODILY INJURY, SICKNESS, DISEASE OR DEATH, OR TO INJURY TO OR DESTRUCTION OF TANGIBLE PROPERTY, INCLUDING LOSS OF USE RESULTING THEREFROM, **BUT ONLY TO THE EXTENT** SUCH CLAIMS, DAMAGES, LOSSES, COSTS AND EXPENSES ARE CAUSED BY OR RESULT FROM ANY NEGLIGENT OR INTENTIONAL ACTS OR OMISSIONS OF THE LANDSCAPE ARCHITECT, ITS AGENT, ANY CONSULTANT UNDER CONTRACT, OR ANY OTHER ENTITY OVER WHICH THE LANDSCAPE ARCHITECT EXERCISES CONTROL.

M. Revised Project Budget

If the project budget defined by the scope of services is increased or decreased by more than ten percent (10%) after the design/development phase of the work, the time and effort required to redesign the project within the new budget will be considered additional services to this Agreement.

N. Insurance Requirements.

The Landscape Architect shall obtain and maintain, and shall require its subcontractors to obtain and maintain throughout the term of the Agreement, insurance of the types and in the minimum amounts set forth below.

The Landscape Architect shall furnish certificates of insurance to the Owner evidencing compliance with the insurance requirements hereof. Certificates shall indicate name of the Landscape Architect, name of the insurance company, policy number, term of coverage, and limits of coverage. The Landscape Architect shall cause its insurance companies to provide the Owner with at least thirty (30) days' prior written notice of any reduction in the limit of liability by endorsement of the policy, cancellation or non-renewal of the insurance coverage required under this Agreement. The Landscape Architect shall obtain such insurance from such companies having a Bests rating of B+/VII or better, licensed or approved to transact business in the State of Texas, and shall obtain such insurance of the following types and minimum limits:

- A. Worker's Compensation insurance in accordance with the laws of the State of Texas, and Employer's Liability coverage with a limit of not less than \$500,000 each employee for Occupational Disease; \$500,000 policy limit for Occupational Disease; and Employer's Liability of \$500,000 each accident.

- B. Commercial General Liability insurance including coverage for Products/Completed Operations, Blanket Contractual, Contractor's Protective Liability, Broad Form Property Damage, Personal Injury/Advertising Liability, and Bodily Injury and Property Damage with limits of not less than:

\$2,000,000	general aggregate limit
\$1,000,000	each occurrence, combined single limit
\$2,000,000	aggregate Products, combined single limit; and
\$1,000,000	aggregate Personal Injury/Advertising Liability
\$50,000	Fire Legal Liability
\$5,000	Premises Medical

- C. Business Automobile Liability coverage applying to owned, non-owned and hired automobiles with limits not less than \$1,000,000 each occurrence combined single limit for Bodily Injury and Property Damage combined.
- D. Umbrella Excess Liability insurance written as excess of Employer's Liability, with limits not less than \$1,000,000 each occurrence combined single limit.
- E. Professional Liability insurance with limits not less than \$1,000,000 each claim/annual aggregate.

The Owner and the Owner's directors shall be added as additional insureds to all coverages required above, except for those requirements in paragraphs "a" and "e". All policies written on behalf of the Landscape Architect shall contain a waiver of subrogation in favor of the Owner and the Owner's directors, with the exception of insurance required under paragraph "e". In addition, all of the aforesaid policies shall be endorsed to provide that they are primary coverages and not in excess of any other insurance available to the Owner, and without rights of contribution or recovery against the Owner or from any such other insurance available to the Owner. The Landscape Architect, and not the Owner, shall be responsible for paying the premiums and deductibles, if any, that may from time to time be due under all of the insurance policies required by the Landscape Architect.

- O. REIMBURSEMENT OF DISTRICT'S FEES IN DEFENSE OF CLAIMS. To the extent District incurs attorneys' fees in defense of any claim asserted against the District which arises or results from the alleged acts or omissions of the LANDSCAPE ARCHITECT described in Section "N". above, LANDSCAPE ARCHITECT shall reimburse District its reasonable attorneys' fees in proportion to the LANDSCAPE ARCHITECT'S liability found after a final adjudication of liability.
- P. It is agreed with respect to any legal limitations now or hereafter in effect and affecting the validity or enforceability of the indemnification obligations or the additional insured requirements in this Agreement such legal limitations are made a part of the contractual obligations and shall operate to amend the obligations to the minimum extent necessary to bring the provision into conformity with the requirements of such limitations, and as so modified, the obligations shall continue in full force and effect. Should any provision or any part of any provision of this Agreement be held invalid, unenforceable or contrary to public policy, law, statute or ordinance, then the remainder of the provision, paragraph, section, and/or Agreement shall not be affected thereby and shall remain valid and fully enforceable.
- Q. The obligations contained in the insurance or indemnity sections shall survive the expiration, completion, abandonment, and/or termination of the Agreement and final completion of the work and any other services to be provided pursuant to this Agreement to the extent and for the time

periods provided allowed under Texas law.

- R. No provision herein shall be construed to increase the District's liability as provided and limited under the Texas Tort Claims Act, nor shall any such provision be construed as a waiver to any extent of any governmental immunity that the District may have.
- S. Personnel
Landscape Architect agrees that during Landscape Architect's performance of Services hereunder, adequate provision shall be made to staff and retain the services of such competent personnel as may be appropriate or necessary for the performance of the Services. District shall have the right to review the personnel assigned by Landscape Architect, and Landscape Architect shall remove any personnel not acceptable to District. Landscape Architect may remove personnel assigned to a Task Order without District's prior approval, provided the progress of the Services shall not be unreasonably impaired.
- T. Permits and Licenses.
Landscape Architect represents to District that it has and will maintain during the performance of the Services under this Agreement any permits or licenses which, under the regulations of federal, state, or local governmental authority, it may be required to maintain in order to perform the Services.
- U. Certification or Sealing of Instruments of Service by Professional Landscape Architect.
All specifications, drawings, and other Landscape Architecting documents that are prepared by Landscape Architect shall be certified or sealed by a registered professional Landscape Architect. Such certifications or seals shall be valid for the State of Texas.
- V. Severability.
Any provision of this Agreement prohibited by law shall be ineffective to the extent of such prohibition without invalidating the remaining provisions of this Agreement.
- W. Certifications.
By its signature below, Landscape Architect, as a "Company," as defined in Texas Government Code Section 808.001, certifies and agrees that it (i) does not, nor will not so long as the Agreement remains in effect, boycott Israel, as such term is defined in Chapter 808, Texas Government Code, and (ii) is not identified on a list prepared and maintained under Sections 806.051, 807.051, or 2252.153, Texas Government Code.
- X. The relationship between TBG and the District under this Contract and otherwise shall be that of independent contractor. TBG is not by the terms of this Agreement or otherwise, an agent, employee, or representative of the District.



Levee Management Services, LLC

Fort Bend LID 15

Monthly Report

April 17, 2019



Fort Bend County LID No. 15
Engineer's Report
4/17/2019

Action Item List:

8. c. **Hog Fencing**
 - a. **Pay application no. 2 & final – (not received in time to include in bookkeepers report, so it would be paid at the next meeting) \$69,232.95 to Green Source Environmental Solutions, Inc. Recommend payment at the next available meeting.**
 - b. **Change Order/Final Quantity Adjustment – Net add to the contract of \$12,379.50 to adjust final quantities for field measurements. The bulk of the addition is for a large number of wood posts to navigate the fencing around turns.**
 - c. **Item can be removed from future agendas.**
9. a. **Approval of plans and specifications and authorization for competitive bids.**
 - i. **Request authorization to design and bid Snake Slough Storm Sewer Extension**
 - b. **Approval of contracts, LFA or cost sharing agreements.**
 - c. **Approval of Pay applications and change orders:**
 - ii. **Snake Slough (Hagerson Road) Pump Station.**
 1. **No pay application this month.**
 - iii. **Detention Ponds for Hagerson Road Tract**
 1. **No pay application this month.**
 - d. **Deeds, easements and consents to encroachment : None**
 - e. **Hagerson Road Watershed Interconnect**
 - i. **No pay application this month.**
 - f. **Park Bond Application : Basic summary of cost is being prepared. No update.**
 - g. **Miscellaneous Engineering Items**
 - i. **Dow pipeline crossing agreement for the interconnect between Alcorn Bayou and Steep Bank Creek is submitted for approval and signature.**
12. C. **Vehicular Access Improvements:**
 - a. **Exhibit being prepared for pricing. This project was not included for bond funding in the latest bond issue. Discuss financing the project or partial project to determine scope of work.**
13. **Steep Bank Creek Pump Station Matters**
 - d. **Site Paving Improvements around Pump Station**
 - i. **No action required this month.**
 - e. **Pump Station Expansion**
 - i. **Preliminary Cost Estimate and Financing Plan**
 - ii. **Proposal for the expansion is provided with preliminary construction cost estimates for discussion and consideration.**
 - iii. **Cost share agreement.**

Steep Bank Creek Expansion
Estimated Construction Cost vs Bond Application

District	Included in Bond Issue	Anticipated Construction Cost	Atlas 14 Share of Cost	Extended Total	Delta	TP-40 Share of Cost	Extended Total	Delta
FBCLID 15	\$ 1,364,412	\$ 7,195,000	44.24%	\$ 3,183,068	\$ (1,818,656)	33.18%	\$ 2,387,301	\$ (1,022,889)
FBCLID 19	\$ 3,060,758	\$ 7,195,000	55.76%	\$ 4,011,932	\$ (951,174)	66.82%	\$ 4,807,699	\$ (1,746,941)

Pro Rata Share Calculations

TP-40

Adopted Rainfall Data	TP-40
Recommended Capacity	139,000 gpm
Current Total Pump Station Capacity	80,000 gpm
Recommended Expansion	59,000 gpm PLUS spare

Minimum Pumps to meet Recommended Expansion

Firm Capacity	Spare Pump	Total
2 x 30,000 gpm = 60,000 gpm	1 x 30,000 gpm = 30,000 gpm	90,000 gpm

Proposed Pumps to meet Discretionary Expansion

Firm Capacity	Spare Pump	Total
2 x 50,000 gpm = 100,000 gpm	1 x 50,000 gpm = 50,000 gpm	150,000 gpm

	Capacity	% of Total Project Costs	LID Shares	LID Allocation of Project Costs
Recommended Expansion	90,000 gpm	60% (90,000/150,000)	LID 15 = 55.3% LID 19 = 44.7%	LID 15 = 33.18% LID 19 = 26.82%
Discretionary Expansion	60,000 gpm	40% (60,000/150,000)	LID 19 = 100%	LID 19 = 40.00%
Total	150,000 gpm			

	Total Project Share	Estimated Share of Total Project Cost (est \$7.2 mm)
LID 15	33.18%	\$2,388,960
LID 19	66.82%	\$4,811,040

Pro Rata Share Calculations

Atlas 14

Adopted Rainfall Data	Atlas 14
Recommended Capacity	157,000 gpm
Current Total Pump Station Capacity	80,000 gpm
Recommended Expansion	77,000 gpm PLUS spare

Minimum Pumps to meet Recommended Expansion

Firm Capacity	Spare Pump	Total
2 x 40,000 gpm = 80,000 gpm	1 x 40,000 gpm = 40,000 gpm	120,000 gpm

Proposed Pumps to meet Discretionary Expansion

Firm Capacity	Spare Pump	Total
2 x 50,000 gpm = 100,000 gpm	1 x 50,000 gpm = 50,000 gpm	150,000 gpm

	Capacity	% of Total Project Costs	LID Shares	LID Allocation of Project Costs
Recommended Expansion	120,000 gpm	80% (120,000/150,000)	LID 15 = 55.3% LID 19 = 44.7%	LID 15 = 44.24% LID 19 = 35.76%
Discretionary Expansion	30,000 gpm	20% (30,000/150,000)	LID 19 = 100%	LID 19 = 20.00%
Total	150,000 gpm			

	Total Project Share	Estimated Share of Total Project Cost (est \$7.2 mm)
LID 15	44.24%	\$3,185,280
LID 19	55.76	\$4,014,720

Difference from TP-40 = \$796,230



April 16, 2019

Fort Bend County LID No. 15 &
Fort Bend County LID No. 19
Board of Directors
c/o The Muller Law Group PLLC
202 Century Square Boulevard
Sugar Land, TX 77478

Re: Proposal for Engineering Services for
Design Services to Expand Steep Bank Creek Pump Station
C.I. Job No. 2005153-100

Dear Boards of Directors:

We are pleased to present this proposal for professional services associated with the expansion of pumping capacity at the Steep Bank Creek storm water pump station. The basis of the proposal is to expand the pump station by 3x 50,000 GPM pumps and cost sharing the project based on either the TP-40 or Atlas 14 rainfall data utilizing the 10-year event for pumping. The project will also include providing the associated backup power generation for the new pumps. The basis for sharing the costs is included as an attachment to this proposal.

We propose to complete this work in accordance with our existing Fort Bend County LID No. 15 District contract. For a project this size, the differences between the two District contracts results in a lower overall fee by utilizing the FBCLID 15 contract.

The attached exhibit is intended to provide a basic layout for the proposed site. Also attached is a preliminary construction cost estimate for the expansion based on the most recent pump station bid (Snake Slough). There is an additional opportunity to tie this expansion to a program by which the Districts' generators are used to provide power to the grid under certain conditions. The Grid Tied Generator Program results in a lower initial capital cost and eliminates the fuel and O&M responsibility of the generators from the District. This option needs further exploration, but preliminary construction costs using the program result in a construction cost savings of about \$1.0M. There is likely going to require a higher level of coordination between the program provider and the electrical engineer for the program to be successful. Therefore, we would request a modification to the proposal should the Grid Tied system become the selected expansion.

The three proposed options are summarized below.

Proposed Expansion	SBC Pump Station Expansion with Standalone Generator System (TP-40 : 10 Yr)	SBC Pump Station Expansion with Standalone Generator System (Atlas 14 : 10 Yr)
Expansion Size	3x 50,000 GPM	3x 50,000 GPM
Estimated Construction Costs	\$6,600,000	\$6,600,000
Design Fee (this item does not include geotechnical or environmental services)	\$338,580 (5.13% CC)	\$338,580 (5.13% CC)
Survey and Construction Phase Services (this item does not include Construction Materials Testing)	\$198,000 (3% CC)	\$198,000 (3% CC)
Misc. Expenses – County/City review fees, Bid Ad, Reproduction, Deliveries	Time and Materials Budget	Time and Materials Budget
Total Engineering Design Services	\$536,580	\$536,580
Estimated Total Project Cost	\$7,195,000	\$7,195,000
Estimated FBCLID 15 Share	\$2,387,301 (33.18%)	\$3,183,068 (44.24%)
Estimated FBCLID 19 Share	\$4,807,699 (66.82%)	\$4,011,932 (55.76%)
Estimated Cost Per Gallon	\$47.97	\$47.97
FBCLID 15 Share (Engineering Only)	\$178,037	\$237,383
FBCLID 19 Share (Engineering Only)	\$358,543	\$299,197

We propose to complete the preparation of the construction plans in six (6) months at which time agency reviews will occur. Following agency reviews and addressing comments, we will prepare standard District contracts and publicly advertise the project for bid.

We appreciate the opportunity to present this proposal to you. We will consider the appropriate signature in the designated space below as approval of the budget and authorization to proceed. Should you have any questions, please feel free to call.

Sincerely,

**Fort Bend County LID No. 15 &
Fort Bend County LID No. 19
District Engineer
Costello, Inc.**



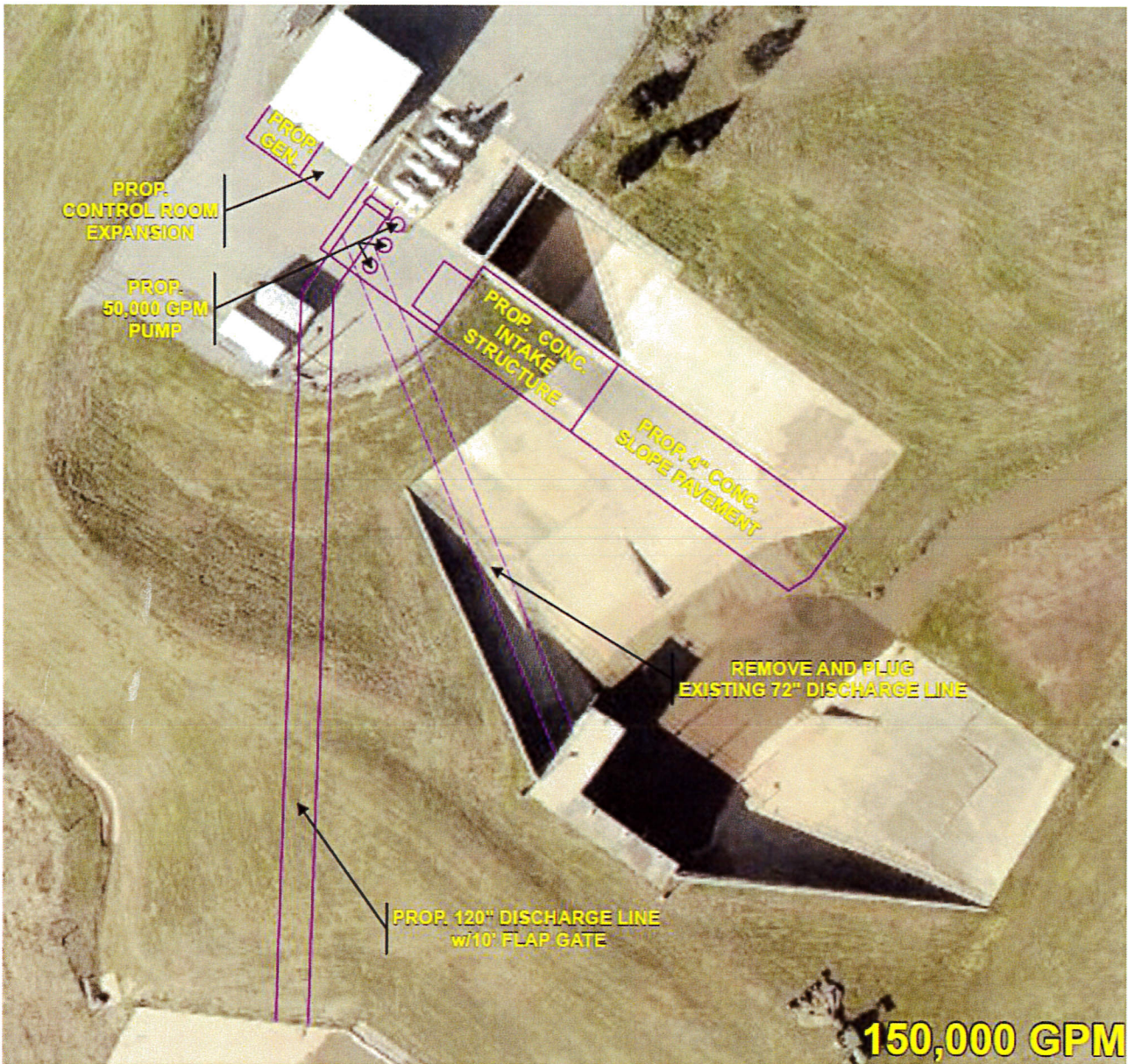
Chad E. Hablinski, P.E.
Sr. Project Manager

Accepted By: _____
Fort Bend County LID No. 15 – President
Darrell Groves

Date: _____

Accepted By: _____
Fort Bend County LID No. 19 – President
Kalapi Sheth

Date: _____



Pro Rata Share Calculations
TP-40 (Pumping 10-year Frequency Event)

Adopted Rainfall Data	TP-40
Recommended Capacity	139,000 gpm
Current Total Pump Station Capacity	80,000 gpm
Recommended Expansion	59,000 gpm PLUS spare

Minimum Pumps to meet Recommended Expansion

Firm Capacity	Spare Pump	Total
2 x 30,000 gpm = 60,000 gpm	1 x 30,000 gpm = 30,000 gpm	90,000 gpm

Proposed Pumps to meet Discretionary Expansion

Firm Capacity	Spare Pump	Total
2 x 50,000 gpm = 100,000 gpm	1 x 50,000 gpm = 50,000 gpm	150,000 gpm

	Capacity	Percent of Total Project Costs	LID Shares	Total LID Shares of Project Costs
Recommended Expansion	90,000 gpm	60% (90,000/150,000)	LID 15 = 55.3% LID 19 = 44.7%	LID 15 = 33.18% LID 19 = 26.82%
Discretionary Expansion	60,000 gpm	40% (60,000/150,000)	LID 19 = 100%	LID 19 = 40.00%
Total	150,000 gpm			

Total Project Shares Under TP-40

LID 15 = 33.18%

LID 19 = 66.82%

Pro Rata Share Calculations
Atlas 14 (Pumping 10-year Frequency Event)

Adopted Rainfall Data	Atlas 14
Recommended Capacity	157,000 gpm
Current Total Pump Station Capacity	80,000 gpm
Recommended Expansion	77,000 gpm PLUS spare

Minimum Pumps to meet Recommended Expansion

Firm Capacity	Spare Pump	Total
2 x 40,000 gpm = 80,000 gpm	1 x 40,000 gpm = 40,000 gpm	120,000 gpm

Proposed Pumps to meet Discretionary Expansion

Firm Capacity	Spare Pump	Total
2 x 50,000 gpm = 100,000 gpm	1 x 50,000 gpm = 50,000 gpm	150,000 gpm

	Capacity	Percent of Total Project Costs	LID Shares	Total LID Shares of Project Costs
Recommended Expansion	120,000 gpm	80% (120,000/150,000)	LID 15 = 55.3% LID 19 = 44.7%	LID 15 = 44.24% LID 19 = 35.76%
Discretionary Expansion	30,000 gpm	20% (30,000/150,000)	LID 19 = 100%	LID 19 = 20.00%
Total	150,000 gpm			

Total Project Shares Under Atlas 14

LID 15 = 44.24%

LID 19 = 55.76%

Preliminary Construction Cost Estimate For:
 Steep Bank Creek Pump Station Expansion (Standalone Natural Gas Generator)
 Located Within Fort Bend County Levee Improvement District No. 19
 Three (3) x 50,000 GPM Pumps

Item No.	Description of Item	Quantity	Unit	Unit Price	Extended Total
PUMP STATION ITEMS					
1	1.6MW Generator (Natural Gas)	1	EA	\$1,300,000.00	\$1,300,000.00
2	Natural Gas Piping	1	LS	\$10,000.00	\$10,000.00
3	50,000 GPM Stormwater Pump	3	EA	\$400,000.00	\$1,200,000.00
4	4" Concrete Sloped Paving	200	SY	\$100.00	\$20,000.00
5	Remove 4" Concrete Sloped Paving	210	SY	\$15.00	\$3,150.00
6	Electrical System Installation	1	LS	\$800,000.00	\$800,000.00
7	Electrical Service	1	LS	\$25,000.00	\$25,000.00
8	Electrical Service Upgrade	1	LS	\$25,000.00	\$25,000.00
9	Telephone Service (utilize existing service)	0	LS	\$1,000.00	\$0.00
10	Pump Controller Programming Allowance	1	LS	\$35,000.00	\$35,000.00
11	Multilin Programming Allowance	1	LS	\$15,000.00	\$15,000.00
12	48" Welded Steel Header Pipe	20	LF	\$1,000.00	\$20,000.00
13	Intake Structure and Trash Rack	1	LS	\$180,000.00	\$180,000.00
14	Precast Concrete Motor Control Building	1	LS	\$250,000.00	\$250,000.00
15	Pump Station Structure	1	LS	\$1,000,000.00	\$1,000,000.00
16	120" Welded Steel Discharge Line	300	LF	\$2,000.00	\$600,000.00
17	Remove and Dispose of 72" Discharge Line	185	LF	\$150.00	\$27,750.00
18	120" Flap Gate and Headwall Modifications	1	EA	\$120,000.00	\$120,000.00
19	48" Check Valve	3	EA	\$80,000.00	\$240,000.00
				Subtotal:	\$5,870,900.00
PAVING ITEMS					
20	Sawcut and Remove Existing Asphalt	2500	SF	\$6.00	\$15,000.00
21	Asphalt Pavement	1250	SF	\$20.00	\$25,000.00
22	Pipe Bollards	5	EA	\$750.00	\$3,750.00
				Subtotal:	\$43,750.00
MISCELLANEOUS ITEMS					
23	Remove Existing Fencing	1	LS	\$500.00	\$500.00
24	Relocate Light Pole and Electric Service to Lights and Actuator	1	LS	\$5,000.00	\$5,000.00
25	Construction Staking	1	LS	\$2,500.00	\$2,500.00
26	Chain Link Fencing	100	LF	\$50.00	\$5,000.00
27	Turf Establishment	1	LS	\$3,000.00	\$3,000.00
				Subtotal:	\$16,000.00
SWPPP ITEMS					
28	Reinforced Silt Fence	100	LF	\$2.00	\$200.00
29	NOI Submittal	1	LS	\$500.00	\$500.00
				Subtotal:	\$700.00
SUPPLEMENTAL ITEMS					
30	Dewatering	1	LS	\$20,000.00	\$20,000.00
31	COMC Infrastructure Fee	1	LS	\$49,000.00	\$49,000.00
				Subtotal:	\$69,000.00
				Construction Total	\$6,000,350.00
				Contingency (10%)	\$600,035.00
				Total	\$6,600,385.00
				Engineering (8%)	\$528,030.80
				Construction Materials Testing (1%)	\$66,003.85
				Project Total	\$7,194,419.65

FBCLID 19 Share	44.60%	\$3,208,711.16
Amount in BIR No. 4		\$3,062,792.00
Difference		(\$145,919.16)
FBCLID 15 Share	55.40%	\$3,985,708.49
Amount in BIR No. 14		\$1,364,412.00
Difference		(\$2,621,296.49)