



Fiscal Year 2022
Revenue, General & Contingency Funds
Operating Budgets

Approved at
September 21, 2021 Board Meeting

Table of Contents

FY22 Budget Summary	1 – 2
Full Time Employees & Per Capita Budget Summary	3

Revenue Fund

Budget Summary.....	5
Water Supply Demands.....	6
System Rate Calculation.....	7
System Rate Model.....	8 - 9
Water Usage Projections.....	10
Revenues.....	11 - 15
Expenditures.....	16 - 29
Budget Summary with Variances.....	30
Budget Variance Explanations.....	31

General Fund

Budget Summary.....	33
Revenues.....	34 – 36
Expenditures.....	37 – 47
Budget Summary with Variances.....	48
Budget Variance Explanations.....	49

Special Projects/Contingency Fund

Special Projects/Contingency Budget Summary.....	51
Special Projects/Contingency Revenues.....	52 – 54
Special Projects/Contingency Expenditures.....	55
Recreation Budget Summary.....	56
Recreation Events & Programming.....	57 - 58
Recreation Infrastructure Enhancements.....	59 - 61
Recreation Infrastructure.....	62 - 63
Recreation Support Services	64
Contingency Fund Debt Service	65
Panther Island/Central City Project.....	66 - 75
Budget Summary with Variances.....	76
Budget Variance Explanations.....	77

Summarized FY22 Revenue Budgets

Revenues	Revenue Fund FY22 Budget	General Fund FY22 Budget	Special Projects/ Contingency Fund FY22 Budget	Total Revenues
Sale of Water	\$ 146,199,243	\$ -	\$ -	\$ 146,199,243
Taxes	\$ -	\$ 22,000,000	\$ -	\$ 22,000,000
TIF Revenues	\$ -	\$ -	\$ 6,680,455	\$ 6,680,455
Oil and Gas Revenues	\$ -	\$ -	\$ 6,000,000	\$ 6,000,000
Excess Reserve Funds	\$ 3,323,130	\$ -	\$ -	\$ 3,323,130
Dallas Water Utility	\$ 2,189,902	\$ -	\$ -	\$ 2,189,902
Contributions	\$ 1,205,668	\$ -	\$ -	\$ 1,205,668
Interest Income	\$ 910,000	\$ 150,000	\$ 100,000	\$ 1,160,000
Other Water Sales	\$ 500,000	\$ -	\$ -	\$ 500,000
Other Income	\$ 542,045	\$ -	\$ 832,246	\$ 1,374,291
Total Revenues	\$ 154,869,988	\$ 22,150,000	\$ 13,612,701	\$ 190,632,689

Summarized FY22 Expenditure Budgets

Expenditures	Revenue Fund FY22 Budget	General Fund FY22 Budget	Special Projects/ Contingency Fund FY22 Budget	Total Expenditures
Debt Service	\$ 79,901,067	\$ -	\$ 6,680,455	\$ 86,581,522
Pumping Power	\$ 18,000,000	\$ -	\$ -	\$ 18,000,000
<u>Maintenance</u>				\$ -
Pipeline & Pump Station	\$ 3,782,800	\$ -	\$ -	\$ 3,782,800
Facilities & Grounds Maintenance	\$ 1,918,733	\$ 776,880	\$ -	\$ 2,695,613
Equipment & Fleet	\$ 786,341	\$ 505,681	\$ -	\$ 1,292,022
Maintenance Support	\$ 624,688	\$ 459,713	\$ -	\$ 1,084,401
Benbrook Reservoir O&M	\$ 515,000	\$ -	\$ -	\$ 515,000
Stream Gauging Stations	\$ 180,000	\$ 212,000	\$ -	\$ 392,000
Total Maintenance	\$ 7,807,562	\$ 1,954,274	\$ -	\$ 9,761,836
<u>Watershed Protection, Environmental Stewardship and Public Outreach</u>				
Water Efficiency Program	\$ 2,879,502	\$ -	\$ -	\$ 2,879,502
Watershed Protection	\$ 453,453	\$ -	\$ -	\$ 453,453
Environmental	\$ 396,860	\$ 61,100	\$ -	\$ 457,960
Pollution Campaign	\$ 160,000	\$ 40,000	\$ -	\$ 200,000
Reservoir Cleanups	\$ 47,000	\$ -	\$ -	\$ 47,000
Stormwater Program	\$ -	\$ 75,000	\$ -	\$ 75,000
Public Outreach	\$ -	\$ 96,351	\$ -	\$ 96,351
Total Watershed Protection & Environmental Stewardship	\$ 3,936,815	\$ 272,451	\$ -	\$ 4,209,266
System Improvements	\$ 4,275,560	\$ 905,000	\$ -	\$ 5,180,560
Capital	\$ 1,062,718	\$ 900,000	\$ 787,500	\$ 2,750,218
Net Recreation Expenses	\$ -	\$ -	\$ 2,341,260	\$ 2,341,260
Panther Island/Central City	\$ -	\$ -	\$ 225,000	\$ 225,000
<u>Support Services</u>				
Employee Related	\$ 30,232,594	\$ 11,368,176	\$ -	\$ 41,600,770
Consulting Fees	\$ 2,798,255	\$ 816,405	\$ 100,000	\$ 3,714,660
Legal Fees	\$ 634,200	\$ 784,500	\$ -	\$ 1,418,700
Misc. Professional Fees	\$ 321,945	\$ 474,315	\$ -	\$ 796,260
Admin Support Services	\$ 3,179,571	\$ 2,562,692	\$ -	\$ 5,742,263
IT	\$ 2,719,701	\$ 831,167	\$ -	\$ 3,550,868
Total Support Services	\$ 39,886,266	\$ 16,837,255	\$ 100,000	\$ 56,823,521
Total Expenditures	\$ 154,869,988	\$ 20,868,980	\$ 10,134,215	\$ 185,873,183

Full Time Equivalents Budgeted by Fund

	FY21	FY22
Revenue	256	250
General	92	91
Special Project/Contingency	9	10
Dallas Bond	36	49
Total	393	400

Budgeted Expenditures Per Capita

	Revenue	General	Special Projects/ Contingency
Revenues Per Capita	73.44	48.77	29.97
Expenditures Per Capita	73.44	45.95	22.31

Population data is from 2020. General and Special Project/Contingency funds population is the TRWD taxing/voting district. Revenue Fund population is the service area which purchases water from TRWD.

Revenue Fund

Water Supply



Spillway at Richland Chambers

TRWD Revenue Fund FY22 Budget Summary

TRWD Water Supply Mission

Deliver a reliable, resilient supply of water to the public at the lowest cost and highest quality possible.

Water Supply Overview

TRWD provides water to more than two million people in an 11-county service area, making it one of the largest water suppliers in the state. The District provides raw water to more than 55 wholesale customers in North Central Texas, the largest of which include the cities of Fort Worth, Arlington and Mansfield as well as the Trinity River Authority.

FY22 Revenue Fund Budget

Revenues	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget
Sale of Water	\$ 122,563,865	\$ 144,805,284	\$ 146,199,243
Contributions	\$ 914,407	\$ 1,205,668	\$ 1,205,668
Interest Income	\$ 4,968,308	\$ 2,650,000	\$ 910,000
Other Income	\$ 5,897,524	\$ 3,692,562	\$ 6,555,077
Total Revenues	\$ 134,344,104	\$ 152,353,514	\$ 154,869,988

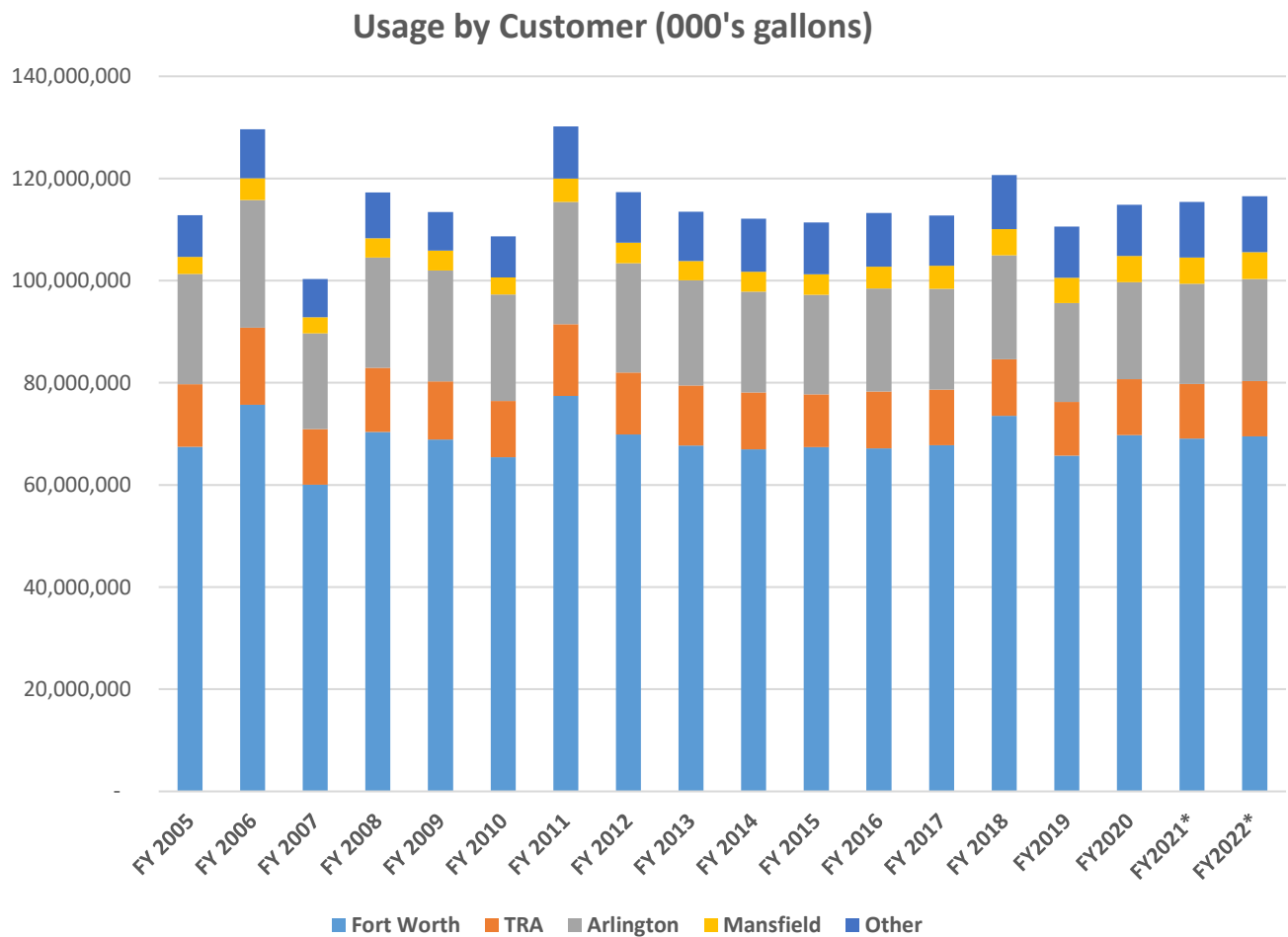
Expenditures	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget
Operating	\$ 52,035,078	\$ 73,349,051	\$ 73,906,203
Capital	\$ 688,731	\$ 993,517	\$ 1,062,718
Debt Service	\$ 79,784,005	\$ 78,010,949	\$ 79,901,067
Total Expenditures	\$ 132,507,814	\$ 152,353,517	\$ 154,869,988

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget
System Rate	\$ 1.05881	\$ 1.25448	\$ 1.25503

Water Supply Demands

Demand for water supply is based on many factors including population growth, water conservation, weather patterns, and changing population lifestyles. All these factors play into the current water supply and future demand requirements. The District manages both the current demand needs and prepares for the future demand requirements while working to keep the water rate stable for its customers.

The graph below shows water usage for the past 16 years and budgeted usage for FY21 & FY22. The District is currently preparing for future demands by expanding transmission system infrastructure and developing new sources of supply.



*Budgeted Usage

System Rate Calculation

The Sale of Water revenues are estimated using the budgeted raw water rate multiplied by the budgeted water sales for FY22. This budgeted rate, expressed in dollars per 1000 gallons, is calculated by taking the budgeted expenditures for FY22, subtracting other income sources and dividing that number by the estimated usage in gallons. Each fiscal year, the four primary customers provide their estimated usage for the year. The remaining customers' estimated usage is determined using historical data of actual reported usage.

Net System Revenue Requirements	FY21 Approved Budget	FY22 Approved Budget	% Change
Total Expenditures	\$ 152,353,517	\$ 154,869,988	1.7%
Less: Other Revenues Not Through Sale of Water	\$ (7,548,230)	\$ (8,670,745)	14.9%
Net System Revenue Requirement	\$ 144,805,287	\$ 146,199,243	1.0%

Gallage (000's)	FY21 Budgeted Water Sales	FY22 Budgeted Water Sales	% Change
Fort Worth	69,088,000	69,513,944	0.6%
Arlington	19,623,931	20,003,136	1.9%
Trinity River Authority	10,661,844	10,815,437	1.4%
Mansfield	5,152,362	5,254,197	2.0%
Other	10,904,250	10,904,250	0.0%
Total Gallage (000's)	115,430,387	116,490,964	0.9%

Calculated System Rate	FY21 Budgeted Rate	FY22 Budgeted Rate	% Change
District Rate	\$1.25448	\$1.25503	0.04%

System Rate Model

To accurately project water rates, the District utilizes a rate model. The customers' estimates for raw water usage are combined with the District's estimated expenses to calculate an estimated rate. A sample of the District's rate model for the years 2021 - 2030 is shown below.

	Approved 2021	Approved 2022	PROJECTED 2023	PROJECTED 2024	PROJECTED 2025
SYSTEM OPERATIONS					
Operations and Maintenance	55,349,048	55,899,229	59,812,175	63,999,027	68,478,959
Pumping Power	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000
Capital Expenditures	993,517	1,062,718	1,500,000	1,000,000	1,100,000
TOTAL EXPENSES	74,342,565	74,961,947	79,312,175	82,999,027	87,578,959
OUTSTANDING BOND DEBT SERVICE					
Outstanding Principal & Interest	76,153,899	72,681,691	70,432,094	69,835,043	68,269,290
Outstanding Extendible Commercial Paper Bonds	0	6,505,510	0	0	0
Bond Paying Agent Fees	7,050	6,350	7,050	7,050	7,050
TOTAL OUTSTANDING BOND DEBT SERVICE	76,160,949	79,193,551	70,439,144	69,842,093	68,276,340
PROPOSED BOND DEBT SERVICE					
Extendible Commercial Paper Bonds	800,000		7,000,000	4,000,000	2,000,000
2021 Issue - \$0 mil	1,050,000				
2022 Issue - \$50 mil		714,490	2,513,580	2,512,360	1,366,540
2023 Issue - \$50 mil			1,000,635	2,943,030	2,587,725
2024 Issue - \$60 mil				1,389,150	3,804,675
2025 Issue - \$180 mil					4,829,375
2026 Issue - \$125 mil					
2027 Issue - \$80 mil					
2028 Issue - \$50 mil					
TOTAL PROPOSED BOND DEBT SERVICE	1,850,000	714,490	10,514,215	10,844,540	14,588,315
TOTAL EXPENDITURES	152,353,514	154,869,988	160,265,534	163,685,660	170,443,614
OTHER REVENUE (not through the sale of water)					
Water Sales not under system rate	500,000	500,000	505,000	510,050	515,151
Dallas Water Utilities Reimbursement of O&M	2,422,529	2,189,902	2,343,195	2,507,219	2,682,724
Interest Earned	2,650,000	910,000	2,800,000	3,000,000	3,200,000
Other Revenues	1,975,701	5,070,843	1,798,421	1,816,406	1,834,570
TOTAL OTHER REVENUE (not through the sale of water)	7,548,230	8,670,745	7,446,617	7,833,674	8,232,444
NET SYSTEM REQUIREMENTS	144,805,284	146,199,243	152,818,917	155,851,986	162,211,170
SYSTEM WATER RATES	2021	2022	2023	2024	2025
PROJECTED WATER USE (1000 GAL.) - 5 yr. customer demands projections					
Fort Worth	69,088,000	69,513,944	74,214,569	75,637,262	77,059,955
Arlington	19,623,931	20,003,136	20,420,043	20,679,254	20,938,465
Trinity River Authority	10,661,844	10,815,437	10,858,260	10,907,278	10,956,295
Mansfield	5,152,362	5,254,197	5,447,125	5,619,707	5,792,289
Other	10,904,250	10,904,250	11,122,335	11,344,782	11,571,677
TOTAL	115,430,387	116,490,964	122,062,332	124,188,283	126,318,681
PROJECTED SYSTEM WATER RATE (\$/1000 GAL.)					
District Rate	1.25448	1.25503	1.25197	1.25497	1.28414
PROJECTED SYSTEM REVENUE: (\$)					
Fort Worth	86,669,617	87,241,840	92,914,742	94,922,139	98,955,953
Arlington	24,617,858	25,104,465	25,565,372	25,951,746	26,887,970
Trinity River Authority	13,375,086	13,573,660	13,594,264	13,688,255	14,069,443
Mansfield	6,463,543	6,594,156	6,819,661	7,052,537	7,438,124
Other	13,679,180	13,685,122	13,924,879	14,237,307	14,859,681
TOTAL SYSTEM REVENUE	144,805,284	146,199,243	152,818,917	155,851,986	162,211,170

(Continued on next page)

System Rate Model

	PROJECTED 2026	PROJECTED 2027	PROJECTED 2028	PROJECTED 2029	PROJECTED 2030
SYSTEM OPERATIONS					
Operations and Maintenance	73,272,486	78,401,560	83,889,670	89,761,946	96,045,283
Pumping Power	18,000,000	18,000,000	18,000,000	18,000,000	18,000,000
Capital Expenditures	500,000	550,000	605,000	665,500	732,050
TOTAL EXPENSES	91,772,486	96,951,560	102,494,670	108,427,446	114,777,333
OUTSTANDING BOND DEBT SERVICE					
Outstanding Principal & Interest	68,251,912	68,301,146	68,193,205	68,138,922	65,091,564
Outstanding Extendible Commercial Paper Bonds	0	0	0	0	0
Bond Paying Agent Fees	7,050	7,050	7,050	7,050	7,050
TOTAL OUTSTANDING BOND DEBT SERVICE	68,258,962	68,308,196	68,200,255	68,145,972	65,098,614
PROPOSED BOND DEBT SERVICE					
Extendible Commercial Paper Bonds					
2021 Issue - \$0 mil					
2022 Issue - \$50 mil	1,366,540	1,366,540	1,366,540	1,366,540	2,510,300
2023 Issue - \$50 mil	1,940,660	1,940,660	1,940,660	1,940,660	2,946,185
2024 Issue - \$60 mil	2,731,050	2,731,050	2,731,050	2,731,050	3,806,300
2025 Issue - \$180 mil	9,658,750	9,658,750	9,658,750	9,658,750	12,427,750
2026 Issue - \$125 mil	3,363,000	6,726,000	6,726,000	8,632,125	8,636,750
2027 Issue - \$80 mil		2,151,750	4,303,500	5,527,125	5,522,875
2028 Issue - \$50 mil			1,343,500	3,457,250	3,456,750
TOTAL PROPOSED BOND DEBT SERVICE	19,060,000	24,574,750	28,070,000	33,313,500	39,306,910
TOTAL EXPENDITURES	179,091,448	189,834,506	198,764,925	209,886,918	219,182,857
OTHER REVENUE (not through the sale of water)					
Water Sales not under system rate	520,302	525,505	530,760	536,068	541,428
Dallas Water Utilities Reimbursement of O&M	2,870,515	3,071,451	3,286,452	3,516,504	3,762,659
Interest Earned	3,200,000	3,200,000	3,200,000	3,200,000	3,200,000
Other Revenues	1,852,915	1,871,445	1,890,159	1,909,061	1,928,151
TOTAL OTHER REVENUE (not through the sale of water)	8,443,732	8,668,400	8,907,371	9,161,632	9,432,239
NET SYSTEM REQUIREMENTS	170,647,716	181,166,106	189,857,553	200,725,286	209,750,618
SYSTEM WATER RATES	2026	2027	2028	2029	2030
PROJECTED WATER USE (1000 GAL.) - 5 yr. customer demands projections					
Fort Worth	78,482,649	79,905,342	81,328,036	82,750,729	84,173,422
Arlington	21,197,676	21,456,887	21,716,098	21,975,309	22,234,520
Trinity River Authority	11,005,313	11,054,330	11,103,348	11,152,366	11,201,383
Mansfield	5,964,871	6,137,453	6,310,035	6,482,617	6,655,199
Other	11,803,111	12,039,173	12,279,957	12,525,556	12,776,067
TOTAL	128,453,620	130,593,185	132,737,474	134,886,577	137,040,591
PROJECTED SYSTEM WATER RATE (\$/1000 GAL.)					
District Rate	1.32848	1.38726	1.43032	1.48810	1.53057
PROJECTED SYSTEM REVENUE: (\$)					
Fort Worth	104,262,416	110,849,120	116,325,417	123,141,710	128,833,561
Arlington	28,160,631	29,766,183	31,061,049	32,701,550	34,031,554
Trinity River Authority	14,620,308	15,335,179	15,881,382	16,595,883	17,144,534
Mansfield	7,924,196	8,514,215	9,025,393	9,646,810	10,186,267
Other	15,680,165	16,701,408	17,564,313	18,639,332	19,554,702
TOTAL SYSTEM REVENUE	170,647,716	181,166,106	189,857,553	200,725,286	209,750,618

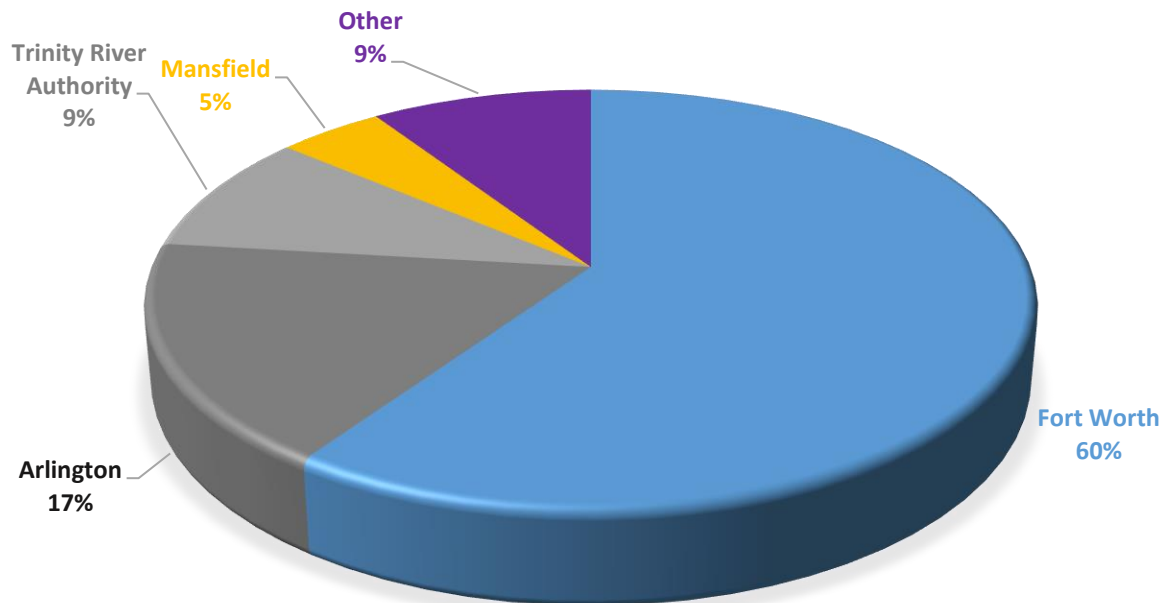
(Concluded)

Water Usage Projections

Each fiscal year, the primary customers provide their estimated usage for the year. The remaining customers' estimated usage is determined using historical data of actual reported usage. The customers' projected usage for FY22 increased 1.1M gallons from FY21. The District's four primary customers account for 91% of budgeted water sales for FY22.

Gallage (000'S)	FY21 Budgeted Water Sales	FY22 Budgeted Water Sales	Variance	% Change
Fort Worth	69,088,000	69,513,944	425,944	0.6%
Arlington	19,623,931	20,003,136	379,205	1.9%
Trinity River Authority	10,661,844	10,815,437	153,593	1.4%
Mansfield	5,152,362	5,254,197	101,835	2.0%
Other	10,904,250	10,904,250	-	0.0%
Total Gallage (000's)	115,430,387	116,490,964	1,060,577	0.92%

FY22 Budgeted Water Usage by Customer

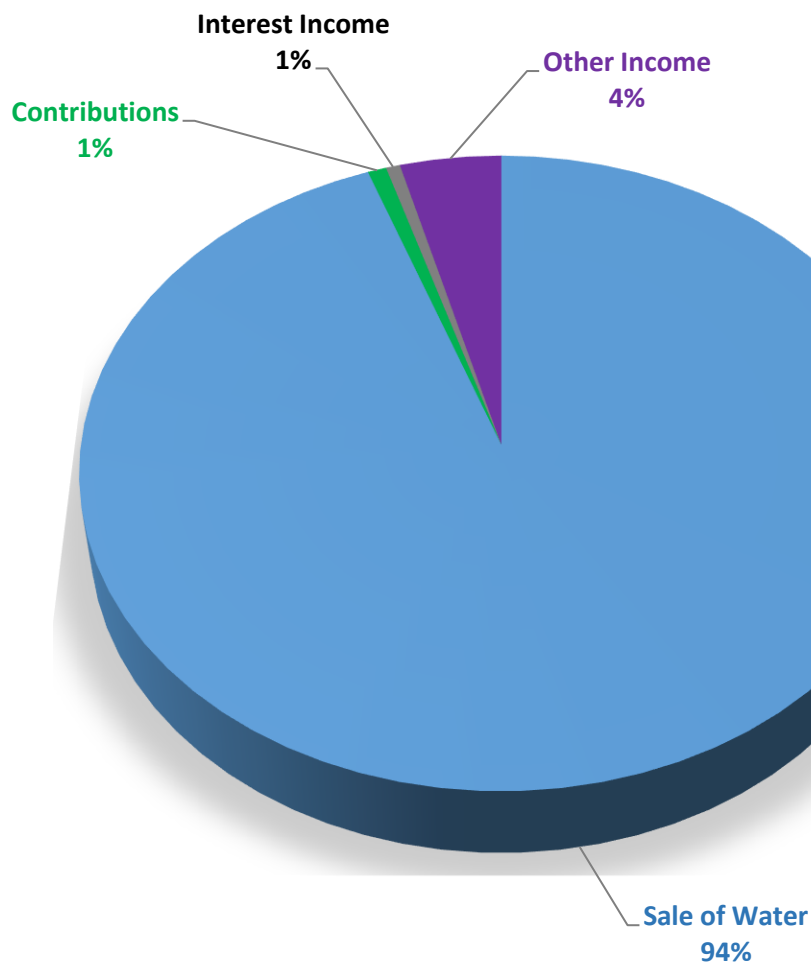


Sources of Revenue

The Sale of Water provides the primary source and largest single component of income to the Revenue Fund. Interest Earnings on investments, program contributions and other income sources provide the remaining 6% of the budgeted revenues for FY22. These individual components will be discussed in more detail on the following pages.

Sources	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Sale of Water	\$ 122,563,865	\$ 144,805,284	\$ 146,199,243	\$ 1,393,959	1.0%
Contributions	\$ 914,407	\$ 1,205,668	\$ 1,205,668	\$ -	0.0%
Interest Income	\$ 4,968,308	\$ 2,650,000	\$ 910,000	\$ (1,740,000)	-65.7%
Other Income	\$ 5,897,524	\$ 3,692,562	\$ 6,555,077	\$ 2,862,515	77.5%
Total	\$ 134,344,104	\$ 152,353,514	\$ 154,869,988	\$ 2,516,474	1.7%

FY22 Budgeted Revenues

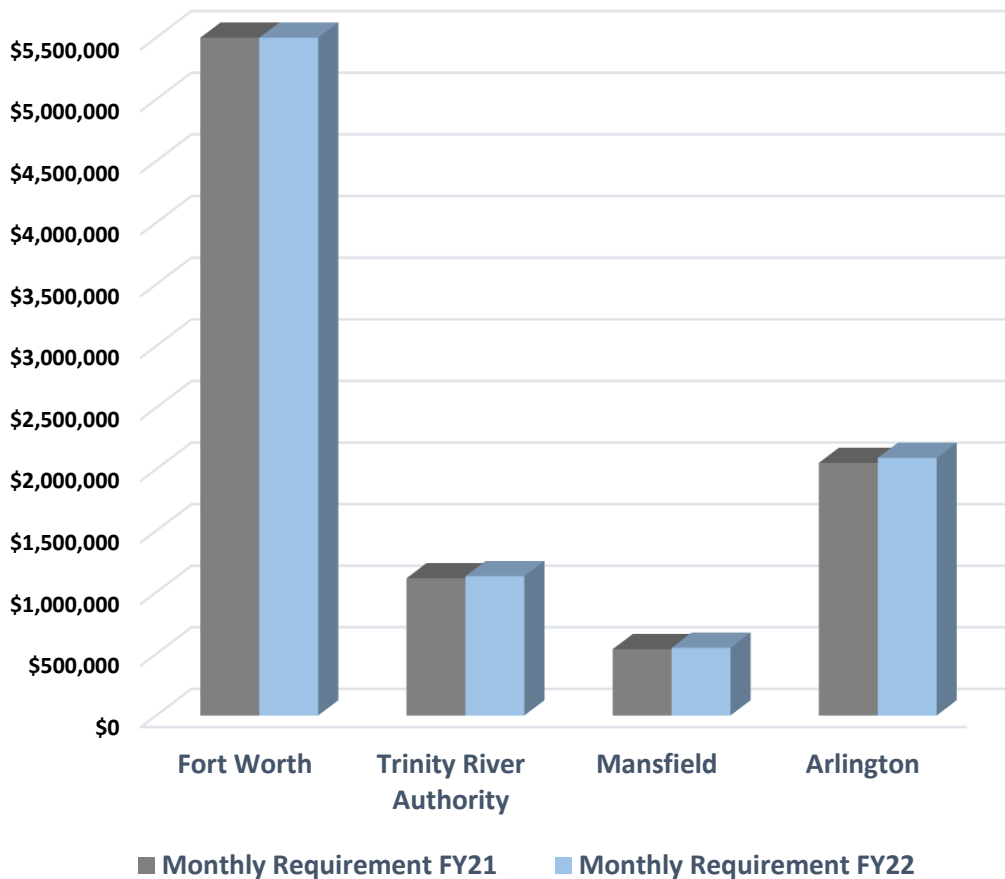


Sale of Water

Customer Monthly Payments

	Fort Worth	Trinity River Authority	Mansfield	Arlington
FY 2022 Estimated Usage (000's)	69,513,944	10,815,437	5,254,197	20,003,136
FY 2022 Rate per 1,000 Gallons	\$1.25503	\$1.25503	\$1.25503	\$1.25503
FY22 Budgeted Revenue Requirement	\$87,241,840	\$13,573,659	\$6,594,156	\$25,104,465
FY21 Budgeted Revenue Requirement	\$86,669,617	\$13,375,086	\$6,463,543	\$24,617,858
Monthly Requirement FY22	\$7,270,153	\$1,131,138	\$549,513	\$2,092,039
Monthly Requirement FY21	\$7,222,468	\$1,114,590	\$538,629	\$2,051,488

Budgeted Customer Monthly Payments



Contributions

Contribution revenues help off-set the District's expenses for the Water Efficiency Campaign. In FY22 these revenues will account for \$1.2M in income for the Revenue Fund. A closer look at these program's expense budgets will be shown in the expenditures section on page 23.

In FY22, both the City of Dallas and North Texas Municipal Water District (NTMWD) have agreed to contribute \$583,334 each to the public outreach and education campaign, also known as "Water is Awesome." Additionally, Upper Trinity Water District, the City of Dallas and NTMWD each help support the Regional Water Symposiums. The City of Dallas has also agreed to contribute \$20K to the Weekly Watering program in FY22.

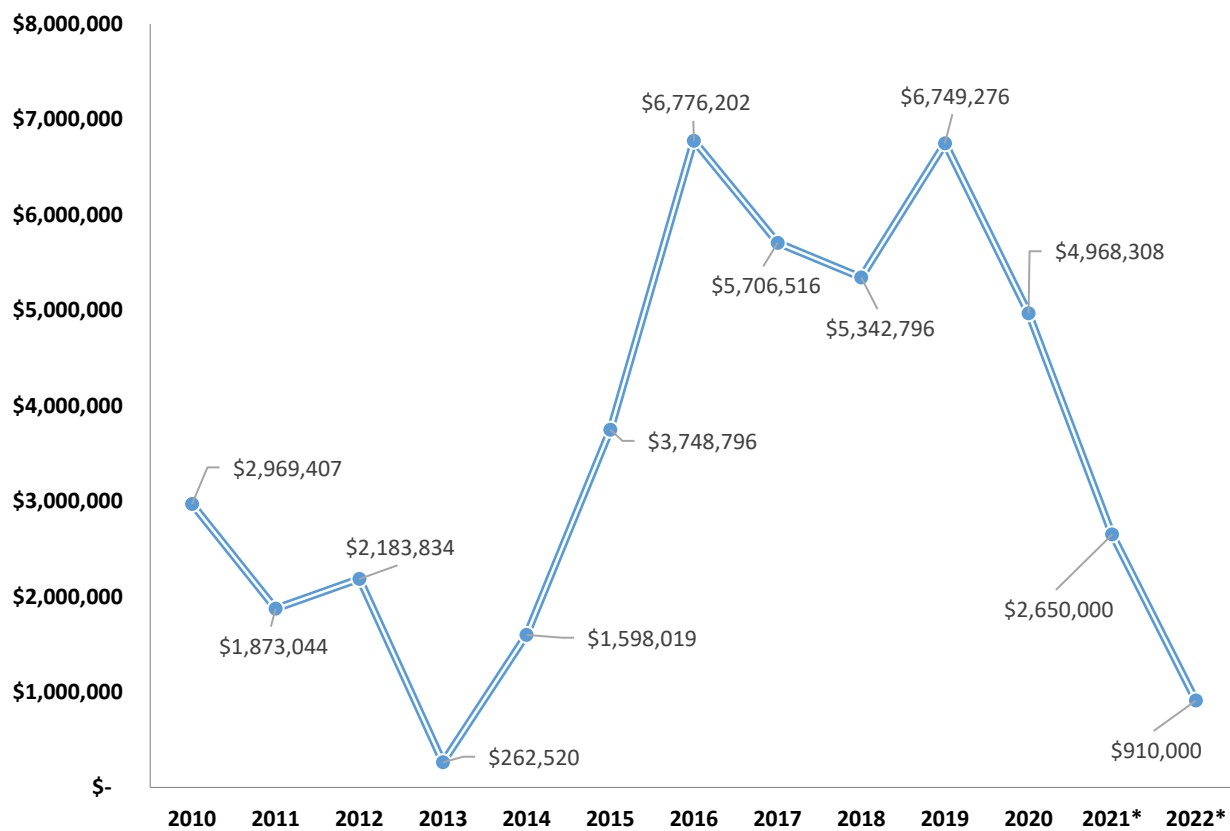
	FY22 Approved Budget
Water Efficiency Program Revenues	
Public Outreach & Education - City of Dallas	\$ 583,334
Public Outreach & Education - NTMWD	\$ 583,334
Weekly Watering Program - City of Dallas	\$ 20,000
Regional Symposiums - City of Dallas	\$ 5,000
Regional Symposiums - NTMWD	\$ 5,000
Regional Symposiums - UTWD	\$ 5,000
Regional Symposiums Registration Fees	\$ 4,000
Total Water Efficiency Program Revenues	\$ 1,205,668



Interest Income

The Revenue Fund budgeted interest income includes interest income generated from the operating Revenue Fund as well as the Bond Reserve Fund and the unspent bond proceeds. The majority of the income comes from the Reserve Fund which holds a balance equal to the largest annual debt service payment per bond covenant requirements and is able to invest in longer term investments. In addition to the Reserve Fund, in the past the District issued long-term debt for multi-year projects which allowed available proceeds to be invested and increased Interest Income in those years. As the District changes to issuing Extendible Commercial Paper Bonds, those excess proceeds will not be available as the District will only issue for short term cash flow needs and then roll those issuances to long-term bonds after they are spent. The offset is that Interest Expense will also be lower than it would have been as the District did not have to pay interest on proceeds that weren't needed at the beginning of a project. Therefore, starting in FY19, the District has decreased the budgeted Interest Income to account for that change in debt issuance practices.

The graph below illustrates the actual interest earned on investments for the past 11 years and budgeted interest income for FY21 and FY22.



*Budgeted Interest Income

Other Income

The largest increase in Other Income in the FY22 budget is due to excess reserves of \$3.3M that will be available due to the decrease in debt service requirements. Debt service requirements decreased with bond refundings in the prior years as well as annual principle reductions.

Sources	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance
Excess Reserve Funds	\$ 3,062,674	\$ -	\$ 3,323,130	\$ 3,323,130
Dallas Water Utilities	\$ 1,318,949	\$ 2,422,529	\$ 2,189,902	\$ (232,627)
Other Income	\$ 873,175	\$ 770,033	\$ 542,045	\$ (227,988)
Other Water Sales - not based on rate	\$ 642,726	\$ 500,000	\$ 500,000	\$ -
Total	\$ 5,897,524	\$ 3,692,562	\$ 6,555,077	\$ 2,862,515



The Hydroelectric Turbine, pictured above, is located at Arlington Outlet and produces electricity which the District sells back to the grid.

FY22 Operating Expenditures

Strategic Objectives

Tarrant Regional Water District has five water supply strategic objectives, and operating costs are budgeted with these goals in mind.

Objective 1: Water supply and delivery diversification, resilience, and operational flexibility through studies, modifications to current system, and an environmental sustainability plan.

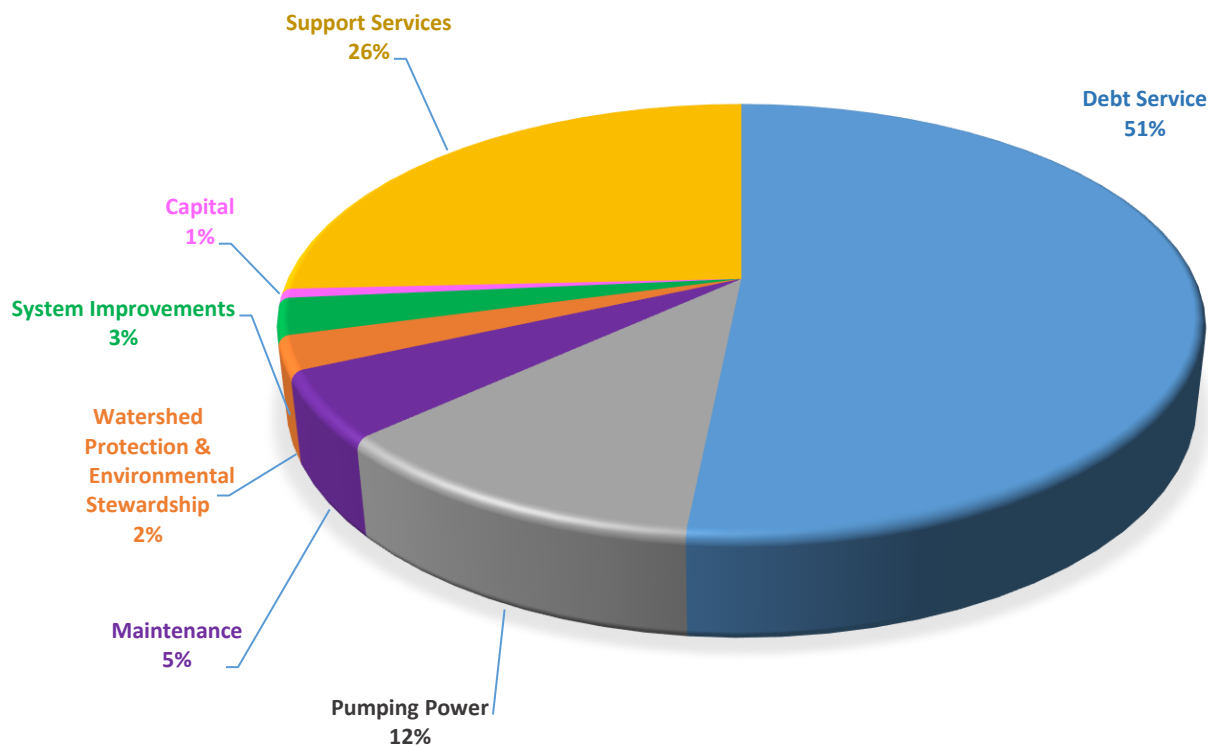
Objective 2: Responsible management of TRWD assets by enhancing financial forecasting to capture large capital improvements, rehabilitation, and renewal costs through long range budgeting.

Objective 3: Further TRWD as an employer of choice and weave social responsibility and diversity into our culture and business practices.

Objective 4: Foster TRWD relationships with our partners, customers, and diverse business community, and the public.

Objective 5: Emergency preparedness and management by developing, updating, and testing response plans for mission areas across the organization.

FY22 APPROVED BUDGET

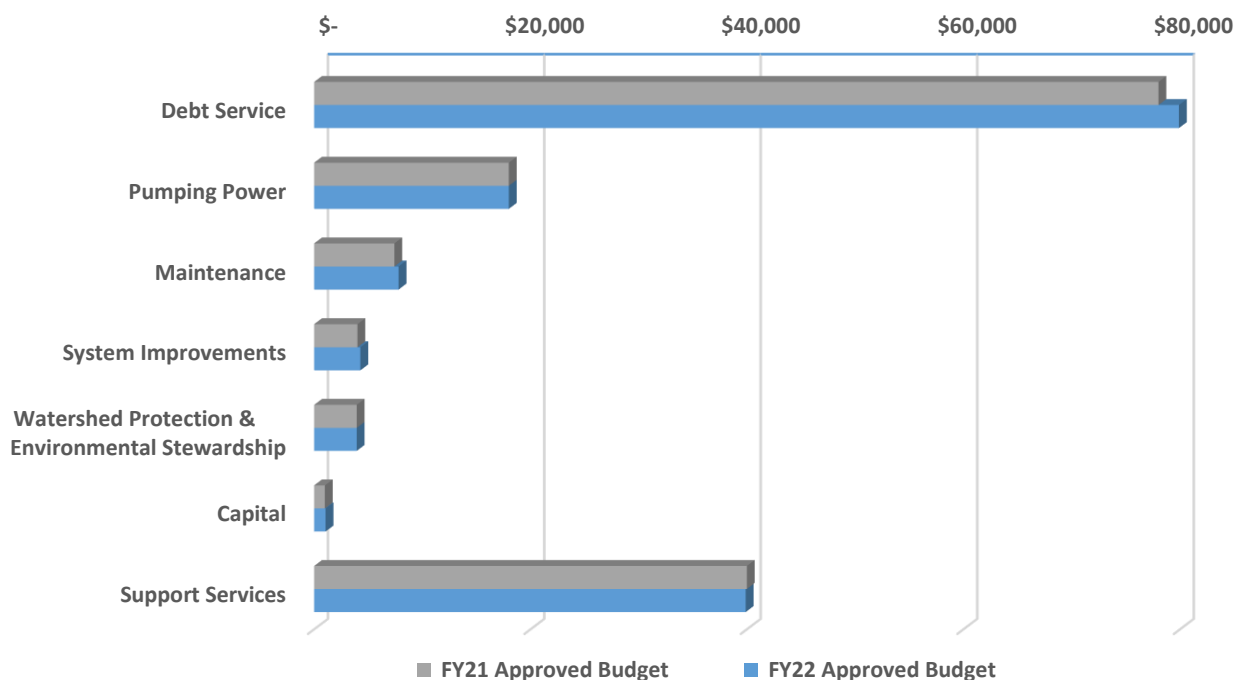


Revenue Fund Expenditure Budget Overview

The FY22 Water Supply Operating Budget is presented in budget categories. The Revenue Fund capital, system improvements and maintenance budgets are directly related to the District's commitment to delivering a reliable, resilient supply of water to the public at the lowest cost and highest quality possible. Through incorporation of the Water Efficiency program, the Pollution Campaign, and the Watershed Protection programs, the District continues to show its commitment to Watershed Protection and Environmental Stewardship. The Water Supply operations are supported through administrative and professional services, information technology and a staff committed to the Water Supply mission. The table below shows the FY20 actual costs in each area, along with the FY21 approved budget and the FY22 approved budget.

Budget Categories	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Debt Service	\$ 79,784,005	\$ 78,010,949	\$ 79,901,067	\$ 1,890,118	2.4%
Pumping Power	\$ 8,362,731	\$ 18,000,000	\$ 18,000,000	\$ -	0.0%
Maintenance	\$ 6,482,767	\$ 7,417,766	\$ 7,807,562	\$ 389,796	5.3%
System Improvements	\$ 1,408,872	\$ 4,002,945	\$ 4,275,560	\$ 272,615	6.8%
Watershed Protection & Environmental Stewardship	\$ 2,996,928	\$ 3,935,002	\$ 3,936,815	\$ 1,813	0.0%
Capital	\$ 688,731	\$ 993,517	\$ 1,062,718	\$ 69,201	7.0%
Support Services	\$ 32,783,780	\$ 39,993,338	\$ 39,886,266	\$ (107,072)	-0.3%
Total	\$ 132,507,814	\$ 152,353,517	\$ 154,869,988	\$ 2,516,471	1.7%

Budget Comparison FY21 to FY22 (thousands)



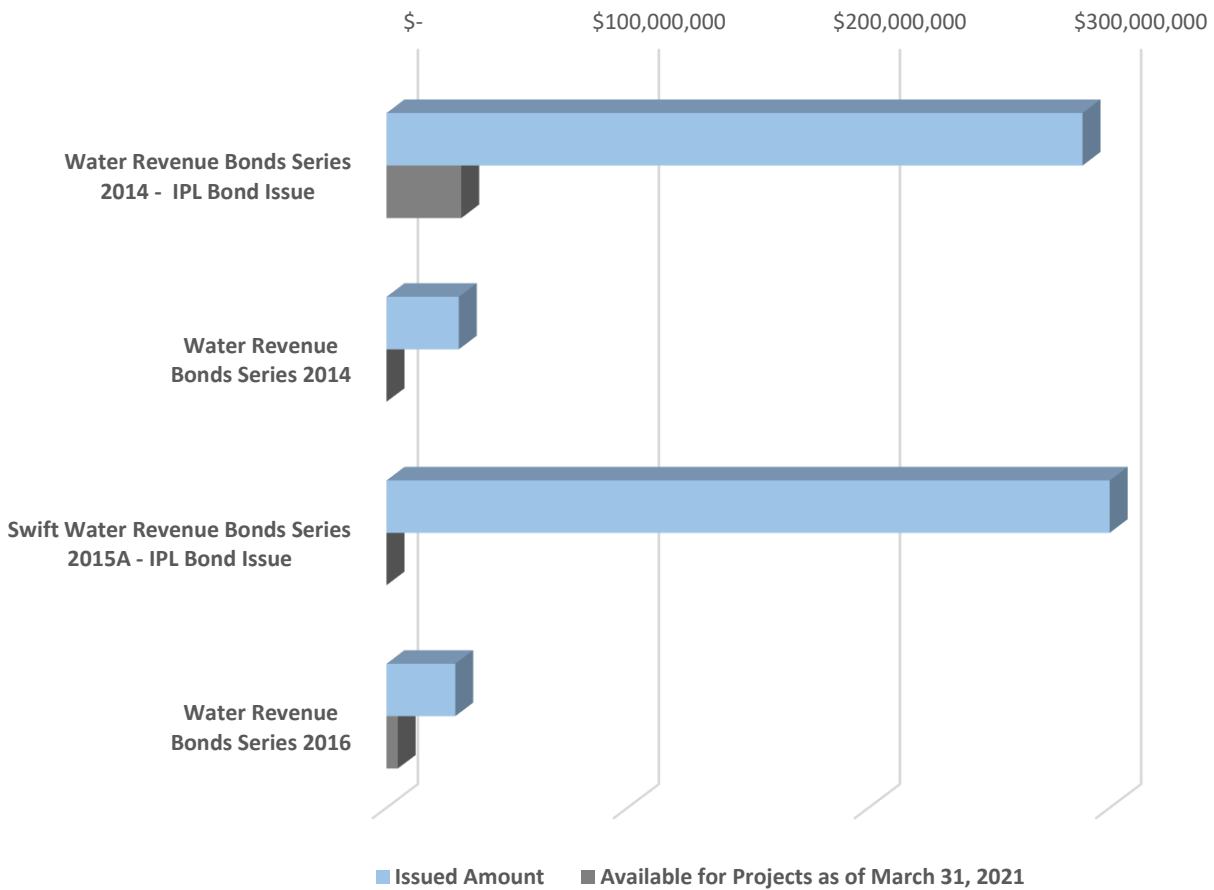
Debt

The District is sensitive to the escalating costs related to water supply and the impact to our customers. We continue to explore financing options that reduce the cost of capital investments and we prioritize our expenditures through our asset management and capital improvement program.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	%Change
Bonds Payable	\$ 37,084,535	\$ 35,945,000	\$ 40,560,000	\$ 4,615,000	12.8%
Interest Expense	\$ 42,672,770	\$ 42,038,899	\$ 39,314,717	\$ (2,724,182)	-6.5%
Bond Issuance Expense	\$ 20,000	\$ 20,000	\$ 20,000	\$ -	0.0%
Paying Agent Fees	\$ 6,700	\$ 7,050	\$ 6,350	\$ (700)	-9.9%
Total Debt Service	\$ 79,784,005	\$ 78,010,949	\$ 79,901,067	\$ 1,890,118	2.4%

The graph below illustrates how much debt the District has issued since 2014 and the amount of available funds we have as of March 31, 2021.

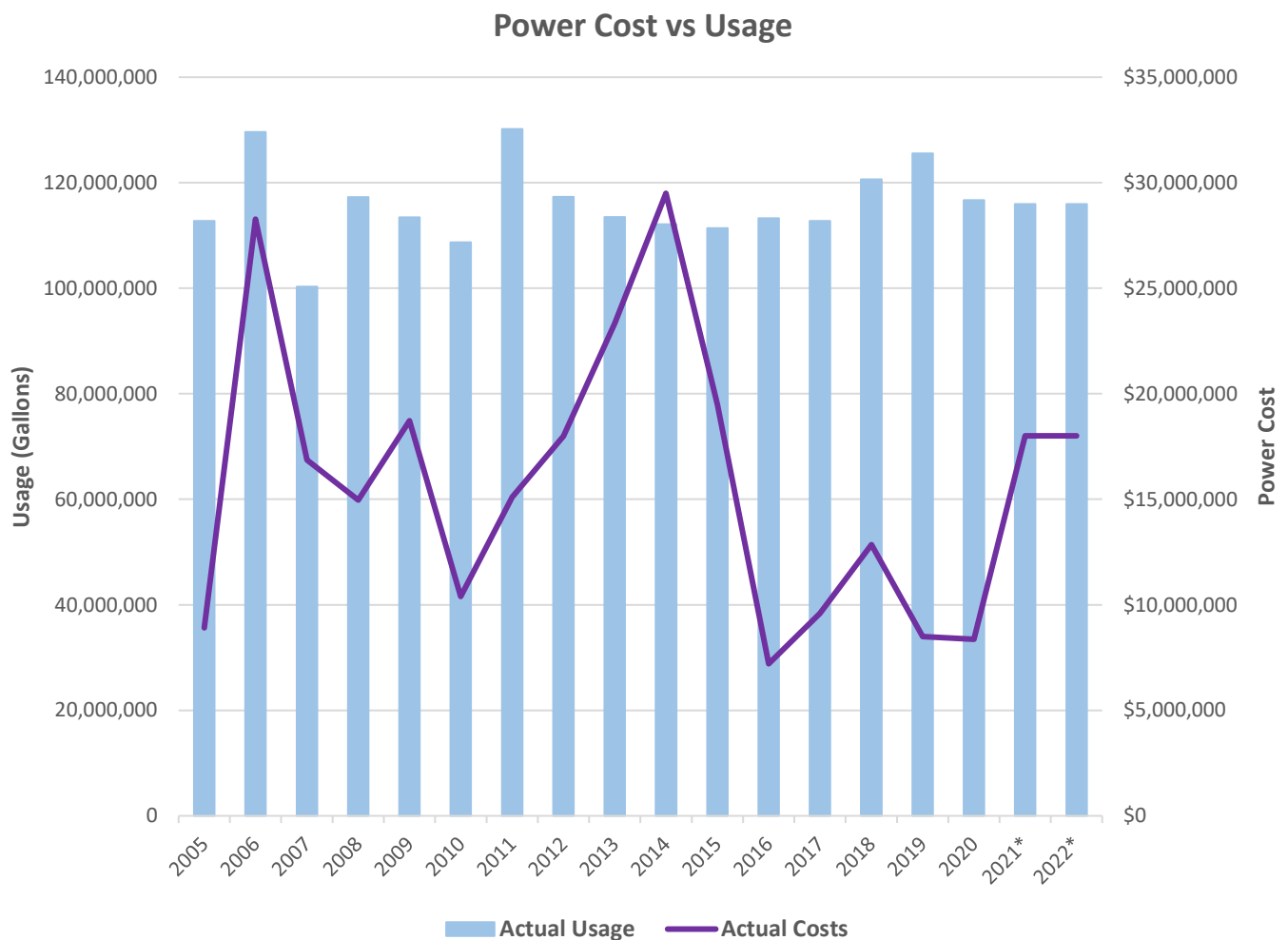
Bonds Issued vs Available as of March 31, 2021



Pumping Power Budget

Pumping power is broken out as a budget category in an effort to further explain the factors that influence pumping power costs. The amount of rainfall leading into the fiscal year and power unit costs have the greatest impact on actual costs. The graph below illustrates how changes in usage do not always have a direct correlation to pumping power costs. In FY16 the Customer Advisory Committee agreed that because the uncertainties of predicting pumping costs 18 months in advance are so great, the annual pumping power budget would be set at \$23M annually. In FY19 the budget was reduced to \$20M annually due to significantly low power cost years as well as additional model information. In FY21 the budget was reduced again to \$18M, as the impact of the Integrated Pipeline on pumping power is expected to decrease costs, and that decrease is being carried over to the FY22 budget.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance
Pumping Power	\$ 8,362,731	\$ 18,000,000	\$ 18,000,000	\$ -



*Budgeted Usage and Pumping Power Costs for FY21 and FY22

Maintenance Budget

The Water Supply Maintenance budget contains the costs to maintain the water supply system. The largest increase for FY22 is the addition of facilities maintenance budgets for IPL locations as the IPL comes online.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Pipeline & Pump Station	\$ 3,706,816	\$ 3,647,000	\$ 3,782,800	\$ 135,800	3.7%
Facilities & Grounds Maintenance	\$ 1,101,284	\$ 1,605,895	\$ 1,918,733	\$ 312,838	19.5%
Equipment & Fleet	\$ 617,026	\$ 808,054	\$ 786,341	\$ (21,713)	-2.7%
Maintenance Support	\$ 480,986	\$ 626,817	\$ 624,688	\$ (2,129)	-0.3%
Benbrook Reservoir O&M	\$ 314,765	\$ 515,000	\$ 515,000	\$ -	0.0%
Stream Gauging Stations	\$ 261,890	\$ 215,000	\$ 180,000	\$ (35,000)	-16.3%
Total	\$ 6,482,767	\$ 7,417,766	\$ 7,807,562	\$ 389,796	5.3%



TRWD has a pipe replacement program that utilizes sophisticated technology to identify areas on each pipe segment with the highest potential of failure. Sections of pipe are replaced by the District's crew while demands are low, saving time and valuable dollars. The FY22 Pipeline and Pump station budget includes a \$770K budget to replace pipe segments.

System Improvement Budget

The Water Supply System Improvement budget consists of projects that enhance, strengthen, or support the current system infrastructure. Listed below are the System Improvement projects budgeted for FY22.

The Water Supply Planning Studies project is an analysis that will evaluate existing and future system capacity and operational needs in the TRWD water delivery system. This master plan will serve as a platform to evaluate and prioritize water delivery system capital projects needed to meet projected demands and to evaluate needs for resiliency and operational flexibility in the system.

Variable frequency drives run the pump motors and are crucial to the pump stations, and their manufacturer is requiring upgrades for continued support of the drives. Additionally, FY22 will be Phase 2 of the upgrades for six Allen Bradley/Rockwell drives.

Project	FY22 Approved Budget
Water Supply Planning Studies	\$ 800,000
Variable Frequency Drive Upgrades	\$ 760,000
Annual Pipeline Replacement Segments	\$ 500,000
Richland Chambers Pipeline and Pump Station Repairs and Upgrades	\$ 452,000
Richland Chambers Road Repairs	\$ 285,000
Bridgeport Communication Project	\$ 240,000
Addition of Wireless Communication at Arlington Outlet	\$ 200,000
PICA Pipeline Inspection	\$ 150,000
Asset Management Project Phase 5	\$ 114,000
CC Pipeline Crossing of Trinity Study with Fluvial Geomorphologist	\$ 100,000
Other Miscellaneous System Improvement Projects	\$ 674,560
Total	\$ 4,275,560



Watershed Protection and Environmental Stewardship Budget

From ensuring the best water quality in our reservoirs through the Reverse Litter campaign and Reservoir Cleanups to our Water Efficiency program, TRWD is committed to protecting our watersheds and being strong environmental stewards. The District's development of wetlands not only provides an additional source for water supply, but also provides a wide array of ancillary benefits, which include optimal habitat for wildlife, as well as educational and research opportunities. Details of the District's largest environmental and watershed protection program are discussed on the next page.

The District collects water samples every quarter from each reservoir. The costs to test these samples are included in the environmental cost budget and are projected to decrease in FY22. This is due to the restructuring of the support for stormwater sampling program, and the completion of a multi-year stormwater/bacteria program, which was a series of special water quality studies in the Trinity River Floodway/Watersheds.

			FY22		
	FY20 Actuals	FY21 Approved Budget	Approved Budget	Variance	% Change
Water Efficiency Program	\$ 1,941,904	\$ 2,863,502	\$ 2,879,502	\$ 16,000	0.6%
Watershed Protection	\$ 236,506	\$ 369,950	\$ 453,453	\$ 83,503	22.6%
Environmental	\$ 334,088	\$ 499,550	\$ 396,860	\$ (102,690)	-20.6%
Pollution Campaign	\$ 468,968	\$ 160,000	\$ 160,000	\$ -	0.0%
Reservoir Cleanups	\$ 15,462	\$ 42,000	\$ 47,000	\$ 5,000	11.9%
Total	\$ 2,996,928	\$ 3,935,002	\$ 3,936,815	\$ 1,813	0.0%



TRWD actively participates in an average of 60 events per year with the TRWD Stream Trailer.

Watershed Protection and Environmental Stewardship Budget (continued)

Water Efficiency Program

The Water Efficiency program has enabled TRWD to defer new supplies and capital costs. Last year the North Texas Municipal Water District (NTMWD) joined the TRWD-Dallas partnership, unifying the awareness campaign messaging and media buys. With this additional support the District has been able to increase our reach to the public through advertising and focus more on school education programs.

FY22 Water Efficiency Program

Program Area	Expenditures	Contributions	TRWD Portion
"Water is Awesome" Campaign	\$ 2,050,002	\$ 1,166,668	\$ 883,334
Campaign Programs (waterwise, weekly watering, etc.)	\$ 410,000	\$ 20,000	\$ 390,000
School Education Program	\$ 313,000	\$ -	\$ 313,000
Video and Promotional Items	\$ 45,000	\$ -	\$ 45,000
Gardening & Landscape Workshops	\$ 31,500	\$ -	\$ 31,500
Regional Symposiums	\$ 24,000	\$ 19,000	\$ 5,000
Program Exhibits	\$ 6,000	\$ -	\$ 6,000
Total	\$ 2,879,502	\$ 1,205,668	\$ 1,673,834



Capital Budget

The District considers purchases of \$10K or greater for a piece of machinery or equipment to be a capital purchase. Purchases of property and construction costs of more than \$20K will also fall in the category of a capital asset. The FY22 budget includes \$175K for a two-way radio expansion project to ensure continuous communication throughout the District's service area, where cell phone service may not be available. The budget also includes \$85K in continued construction costs to upgrade two pump station vibration units. The FY22 capital expenditure budget is detailed below.

Capital Projects	FY22 Approved Budget
Two-Way Radio Expansion	\$ 175,000
Upgrade to 6500 Vibration Units	\$ 85,000
Admin Building Note	\$ 82,218
Land Purchases	\$ 25,000
Total Capital Projects	\$ 367,218
Capital Equipment	
<u>Replacement:</u>	
4 - 1/2 Ton 4WD Ext. Cap Pickup	\$ 150,000
1 - Tractor 4WD 140HP with Cap	\$ 106,500
4 - 1/2 Ton 4WD Crew Cab Pickup	\$ 102,000
1 - 3/4 Ton 4WD Ext Cab & Chassis	\$ 90,000
4 - 1 Ton 4WD Cab & Chassis	\$ 49,000
	\$ 497,500
<u>Additions:</u>	
1 - 120KW Stand-By Generator	\$ 73,000
1 - 150KW Stand-By Generator	\$ 47,000
1 - 125KW Stand-By Generator	\$ 39,000
1 - Heavy Duty Multi-Purpose Welder	\$ 39,000
	\$ 198,000
Total Capital Equipment	\$ 695,500
Total Capital Expenditures	\$ 1,062,718

Vibration units help identify pump inefficiencies and potential damage following failure events. The data collected from the vibration units also help identify necessary preventative maintenance in order to avoid costly failures from occurring.



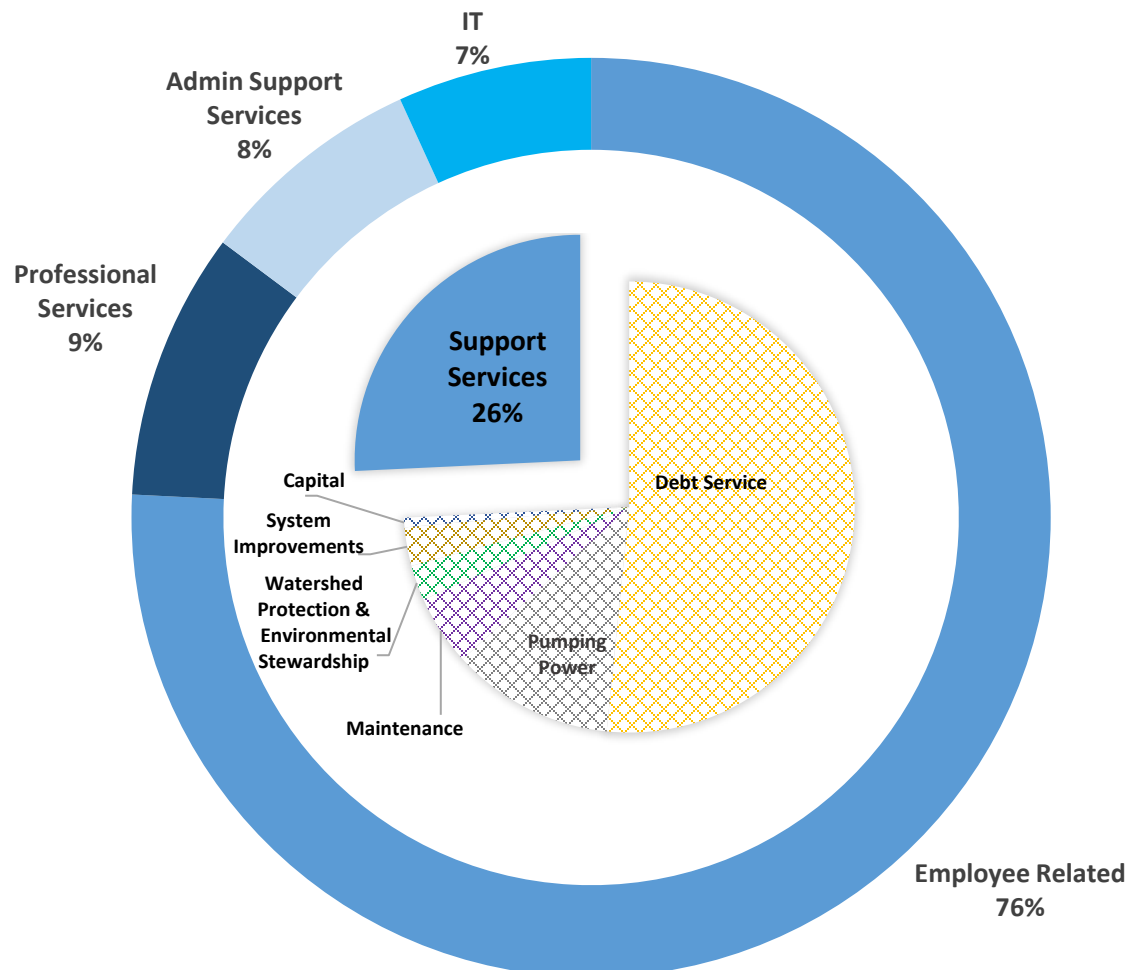
6500 Vibration Unit

Support Services Budget Overview

The support services budget consists of expenditures for services that support the District overall, including personnel and administrative costs. Employee related budgets make up 76% of the overall support services budget for FY22. Additional details of each of these areas will be discussed on the following pages.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Employee Related	\$ 24,458,840	\$ 30,035,516	\$ 30,232,594	\$ 197,078	0.7%
Professional Services	\$ 3,539,346	\$ 3,606,402	\$ 3,754,400	\$ 147,998	4.1%
Admin Support Services	\$ 2,779,029	\$ 3,301,269	\$ 3,179,571	\$ (121,698)	-3.7%
IT	\$ 2,006,565	\$ 3,050,151	\$ 2,719,701	\$ (330,450)	-10.8%
Total Support Services	\$ 32,783,780	\$ 39,993,338	\$ 39,886,266	\$ (107,072)	-0.3%

FY22 Approved Budget



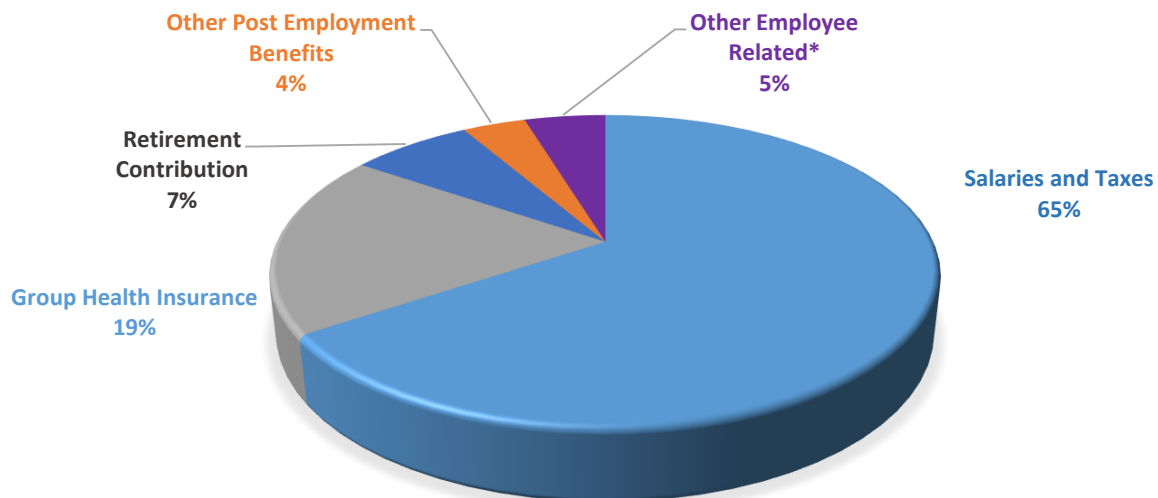
Support Services Employee Related Budget

The total Employee Related budget for FY22 is \$30.2M, representing an increase of 0.7% from the prior year's budget. The drivers for the increase in personnel costs were a 3% salary increase, 1% allowance for market adjustments, and increases to group health partially due to changes in employee insurance tiers and partially due to Affordable Care Act insurance provision requirements. These increases were netted with a change in allocation percentages which causes less expense to be allocated to Revenue fund beginning in FY22. A 10% increase in the Other Post Employment Benefits (OPEB) budget will be seen each year until 75% of the OPEB liability is funded. After the FY21 contribution, the OPEB trust is 57% funded.

		FY21 Approved	FY22 Approved		
	FY20 Actuals	Budget	Budget	Variance	% Change
Salaries and Taxes	\$ 17,241,094	\$ 19,718,306	\$ 19,830,603	\$ 112,298	0.6%
Group Health Insurance	\$ 3,207,879	\$ 5,519,872	\$ 5,737,673	\$ 217,801	3.9%
Retirement Contribution	\$ 1,946,487	\$ 2,170,841	\$ 2,134,158	\$ (36,683)	-1.7%
Other Post Employment	\$ 1,014,621	\$ 1,116,083	\$ 1,110,769	\$ (5,315)	-0.5%
Other Employee Related*	\$ 1,048,759	\$ 1,510,414	\$ 1,419,391	\$ (91,023)	-6.0%
Total	\$ 24,458,840	\$ 30,035,516	\$ 30,232,594	\$ 197,079	0.7%

* Other employee related budgets include business and travel, education, and the employee wellness program.

FY22 Employee Related Budgets



Support Services Professional Services Budget

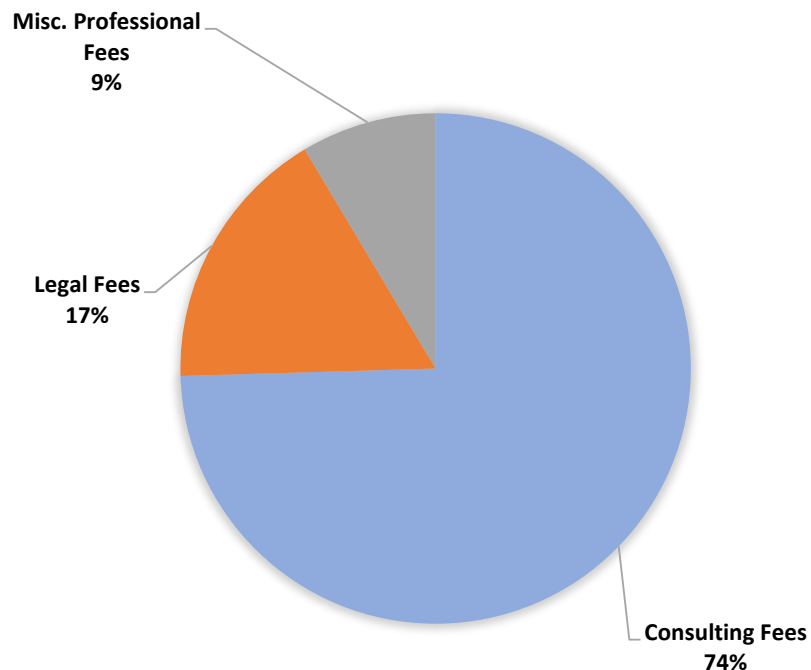
Legal and consulting services make up the majority of the FY22 professional services budget. Additional detail of the FY22 consulting services is shown in the chart below. The miscellaneous professional fees consists of the budgets for the annual audit, arbitrage, and surveying and appraisal fees.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Consulting Fees	\$ 2,955,134	\$ 2,665,585	\$ 2,798,255	\$ 132,670	5.0%
Legal Fees	\$ 399,578	\$ 646,500	\$ 634,200	\$ (12,300)	-1.9%
Misc. Professional Fees	\$ 184,634	\$ 294,317	\$ 321,945	\$ 27,628	9.4%
Total	\$ 3,539,346	\$ 3,606,402	\$ 3,754,400	\$ 147,998	4.1%

FY22 Large Consulting Projects

Cyber Security and Information Technology Consulting	\$ 514,995
Pipeline Infrastructure Testing and Studies	\$ 458,000
Riverware Software Support	\$ 100,000
Diversity and Inclusion Program	\$ 57,000

FY22 Professional Services

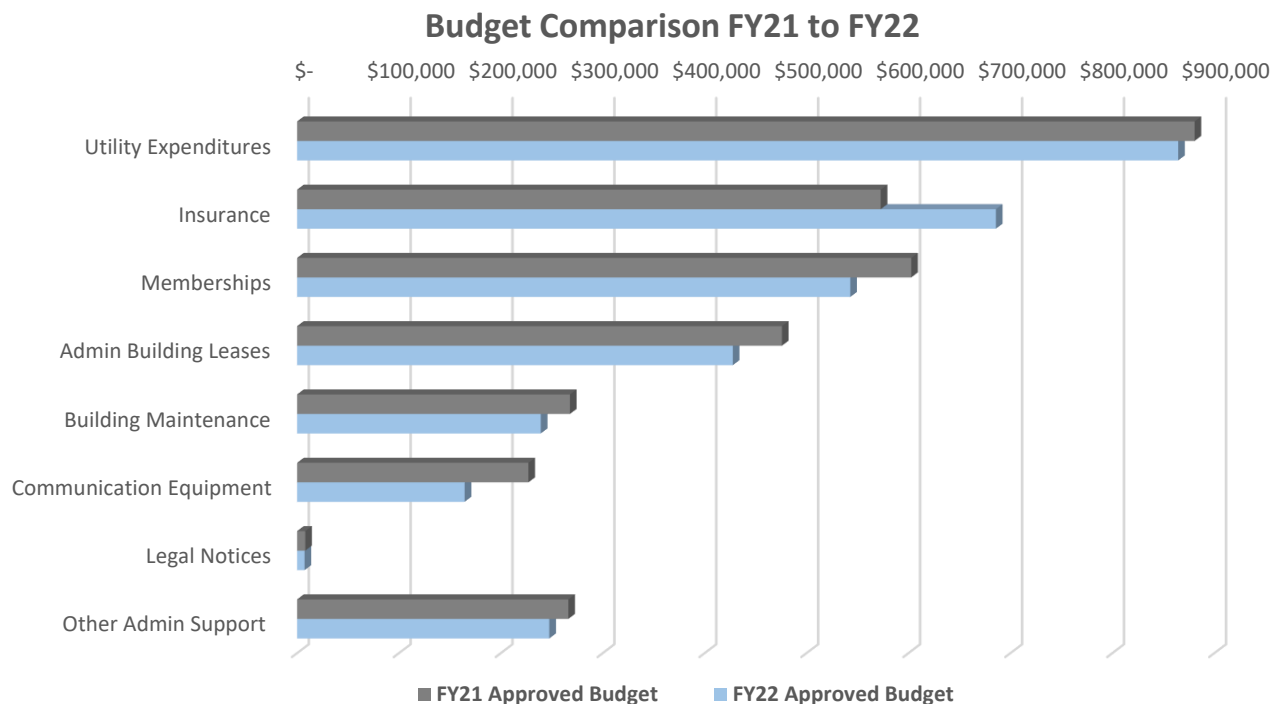


Support Services

Administrative Support Services Budget

The Administrative Support Services budget consists of overhead type expenditures. Utility costs are budgeted to decrease in FY22 due to the restructuring of the District's telephone contracts, and reducing the number of phone lines needed. Membership Dues include annual membership fees to the Water Research Foundation as well as memberships for IT that provide access to training and a platform for research. The decrease in communication equipment is the result of FY21 tower inspections and repairs needed for aging equipment being completed. Additionally, the increase to insurance costs is due to increasing rates after numerous natural disasters. The table and chart below show the budget changes from FY21 to FY22 for all administrative support areas.

				FY22		
	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	
Utility Expenditures	\$ 822,025	\$ 880,679	\$ 864,539	\$ (16,140)	-1.8%	
Insurance	\$ 489,993	\$ 572,765	\$ 685,745	\$ 112,980	19.7%	
Memberships	\$ 529,963	\$ 602,712	\$ 542,943	\$ (59,769)	-9.9%	
Admin Building Leases	\$ 475,890	\$ 475,890	\$ 427,698	\$ (48,192)	-10.1%	
Building Maintenance	\$ 244,115	\$ 267,841	\$ 239,239	\$ (28,602)	-10.7%	
Communication Equipment	\$ 28,963	\$ 227,065	\$ 164,510	\$ (62,555)	-27.5%	
Legal Notices	\$ 4,436	\$ 8,060	\$ 7,340	\$ (720)	-8.9%	
Other Admin Support	\$ 183,644	\$ 266,257	\$ 247,557	\$ (18,700)	-7.0%	
Total	\$ 2,779,029	\$ 3,301,269	\$ 3,179,571	\$ (121,698)	-3.7%	



Support Services
Information Technology Budget

The Information Technology budget is projected to decrease due to the completion of the CISCO-SD WAN hardware purchase in FY21. Also, replacement equipment being purchased as part of the regular lifecycle process is less expensive than it has been in previous years. Additionally, the IS Division is planning to spend extra time throughout the year focusing on stabilizing the support and maintenance tasks for the extensive network that has been built out over the last several years to support the operations of TRWD.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Software	\$ 1,145,353	\$ 1,569,021	\$ 1,538,661	\$ (30,360)	-1.9%
Hardware	\$ 861,212	\$ 1,481,130	\$ 1,181,040	\$ (300,090)	-20.3%
Total	\$ 2,006,565	\$ 3,050,151	\$ 2,719,701	\$ (330,450)	-10.8%

Revenue Fund FY22 Budget

Revenues	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	Notes*
Sale of Water	\$ 144,805,284	\$ 146,199,243	\$ 1,393,959	1.0%	
Contributions	\$ 1,205,668	\$ 1,205,668	\$ -	0.0%	
Interest Income	\$ 2,650,000	\$ 910,000	\$ (1,740,000)	-65.7%	1
Excess Reserve Funds	\$ -	\$ 3,323,130	\$ 3,323,130	100.0%	2
Dallas Water Utility	\$ 2,422,529	\$ 2,189,902	\$ (232,627)	-9.6%	
Other Income	\$ 770,033	\$ 542,045	\$ (227,988)	-29.6%	3
Other Water Sales	\$ 500,000	\$ 500,000	\$ -	0.0%	
Total Revenues	\$ 152,353,514	\$ 154,869,988	\$ 2,516,474	1.7%	

Expenditures	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	Notes*
Debt Service	\$ 78,010,949	\$ 79,901,067	\$ 1,890,118	2.4%	
Pumping Power	\$ 18,000,000	\$ 18,000,000	\$ -	0.0%	
<u>Maintenance</u>					
Pipeline & Pump Station	\$ 3,647,000	\$ 3,782,800	\$ 135,800	3.7%	
Facilities & Grounds Maintenance	\$ 1,605,895	\$ 1,918,733	\$ 312,838	19.5%	4
Equipment & Fleet	\$ 808,054	\$ 786,341	\$ (21,713)	-2.7%	
Maintenance Support	\$ 626,817	\$ 624,688	\$ (2,129)	-0.3%	
Benbrook Reservoir O&M	\$ 515,000	\$ 515,000	\$ -	0.0%	
Stream Gauging Stations	\$ 215,000	\$ 180,000	\$ (35,000)	-16.3%	5
Total Maintenance	\$ 7,417,766	\$ 7,807,562	\$ 389,796	5.3%	
System Improvements	\$ 4,002,945	\$ 4,275,560	\$ 272,615	6.8%	
<u>Watershed Protection and Environmental Stewardship</u>					
Water Efficiency Program	\$ 2,863,502	\$ 2,879,502	\$ 16,000	0.6%	
Watershed Protection	\$ 369,950	\$ 453,453	\$ 83,503	22.6%	6
Environmental	\$ 499,550	\$ 396,860	\$ (102,690)	-20.6%	7
Pollution Campaign	\$ 160,000	\$ 160,000	\$ -	0.0%	
Reservoir Cleanups	\$ 42,000	\$ 47,000	\$ 5,000	11.9%	
Total Watershed Protection & Environmental Stewardship	\$ 3,935,002	\$ 3,936,815	\$ 1,813	0.0%	
Capital	\$ 993,517	\$ 1,062,718	\$ 69,201	7.0%	
<u>Support Services</u>					
Employee Related	\$ 30,035,516	\$ 30,232,594	\$ 197,078	0.7%	
Professional Services	\$ 3,606,402	\$ 3,754,400	\$ 147,998	4.1%	
Admin Support Services	\$ 3,301,269	\$ 3,179,571	\$ (121,698)	-3.7%	
IT	\$ 3,050,151	\$ 2,719,701	\$ (330,450)	-10.8%	
Total Support Services	\$ 39,993,338	\$ 39,886,266	\$ (107,072)	-0.3%	
Total Expenditures	\$ 152,353,516	\$ 154,869,988	\$ 2,516,472	1.7%	

*See explanations for significant variances on next page

Variance Explanations

1 Interest Income

The decrease is due to lower interest rates and less proceeds available to invest as projects are built causing less cash to be on hand for investing.

2 Excess Reserve Funds

The largest increase in Other Income in the FY22 budget is due to excess reserves of \$3.3M that will be available due to the decrease in debt service requirements. Debt service requirements decreased with bond refundings in the prior years as well as annual principle reductions.

3 Other Income

This reflects a decrease in sale of equipment as well as miscellaneous revenue.

4 Facilities & Grounds Maintenance

Increase is due to more facilities coming online as portions of the IPL are completed.

5 Stream Gauging Stations

The decrease is due to removing certain measurements that are no longer needed.

6 Watershed Protection

This increase is due to an additional \$65k of modeling support for stormwater protection on the Mary's Creek project.

7 Environmental

The decrease is due to a \$75k drop in restructuring the support for stormwater sampling program and completion of a multi-year stormwater/bacteria program, which was a series of special water quality studies in the Trinity River Floodway/Watersheds.

General Fund

Flood Protection



Trinity River

Flood Protection FY22 Budget Summary

TRWD Flood Protection Mission

Reduce the risk of flooding in our communities with dependable flood damage reduction infrastructure and operations.

Flood Protection Overview

TRWD was created during the 1920's in part to help protect Fort Worth from devastating floods that wreaked havoc on parts of the city. Since that time, the District has played an active role in protecting people and properties along the Trinity River. The District has and continues to work closely with the U.S. Army Corps of Engineers to maintain a 27-mile levee system built in the 1950's. Additionally, the District maintains both Marine Creek and Cement Creek to provide additional protection to the city during flooding events.

Each year the District works to efficiently and effectively manage the current flood protection infrastructure while at the same time looking ahead to prepare for potential future flood events.

The annual budget includes both short term maintenance as well as long term strategies and structure implementation while working every year to increase practices for cost effective management of the system. The District believes in preparing now for the future in order to protect its citizens in the best possible manner.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget
Flood Protection System Revenues			
Taxes	\$ 21,924,922	\$ 21,000,000	\$ 22,000,000
Interest Income	\$ 389,423	\$ 380,000	\$ 150,000
Total Revenues	\$ 22,314,345	\$ 21,380,000	\$ 22,150,000
Flood Protection System Expenditures			
Operating	\$ 16,373,244	\$ 19,038,351	\$ 19,968,980
Capital	\$ 744,930	\$ 1,378,100	\$ 900,000
Total Expenditures	\$ 17,118,174	\$ 20,416,451	\$ 20,868,980
Budgeted Net Increase to Equity	\$ 5,196,171	\$ 963,549	\$ 1,281,020
Reimbursable Projects			
Reimbursable Project Revenues	\$ 1,207,356	\$ 250,000	\$ -
Reimbursable Project Expenses	\$ 808,642	\$ 250,000	\$ -
Total	\$ 398,714	\$ -	\$ -
Budgeted Net Increase to Equity	\$ 5,594,885	\$ 963,549	\$ 1,281,020

Sources of Revenue

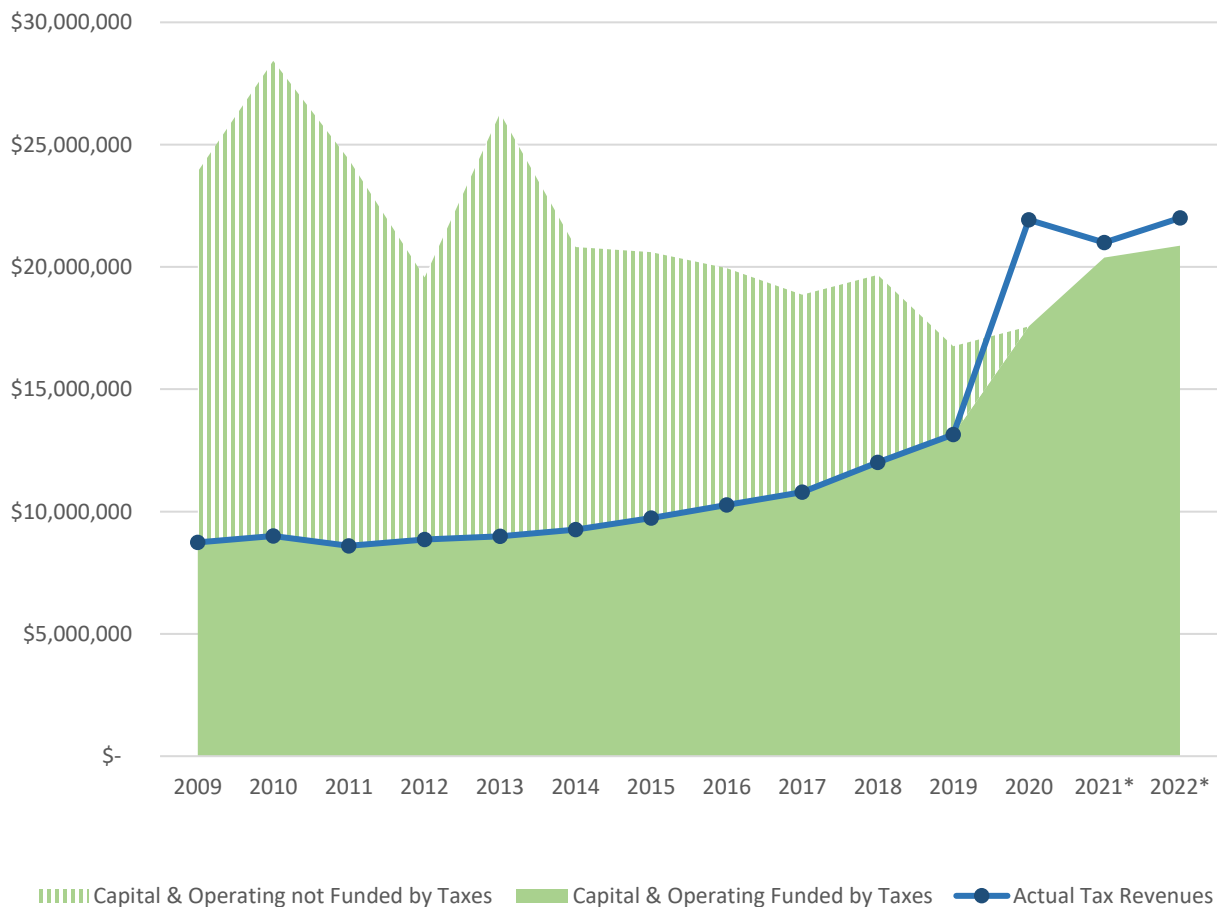
The following table illustrates the sources of General Fund income. These revenue components provide the needed financial resources for the District to continue its Flood Protection mission each year. Each of the revenue sources will be discussed further in the upcoming sections.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Taxes	\$ 21,924,922	\$ 21,000,000	\$ 22,000,000	\$ 1,000,000	4.8%
Interest Income	\$ 389,423	\$ 380,000	\$ 150,000	\$ (230,000)	-60.5%
Total Revenues	\$ 22,314,345	\$ 21,380,000	\$ 22,150,000	\$ 770,000	3.6%

Tax Revenues

As a governmental entity, the District is empowered to levy and collect ad valorem taxes to meet the maintenance and operations expenses of its flood control and administrative functions. The District's ad valorem property tax is currently set at \$0.0287 per \$100 valuation and is projected to generate \$22 million in revenues for the District. This is based on a net taxable value of approximately \$75 billion and represents a projected tax burden of approximately \$61 for an estimated average home valued at \$215 thousand.

The chart below shows the Property Tax Revenues for the past 14 years compared to the Operating and Capital Budget. The difference between the Tax Revenues and the Operating and Capital Budget comes from Interest Income, and Other Miscellaneous Income.



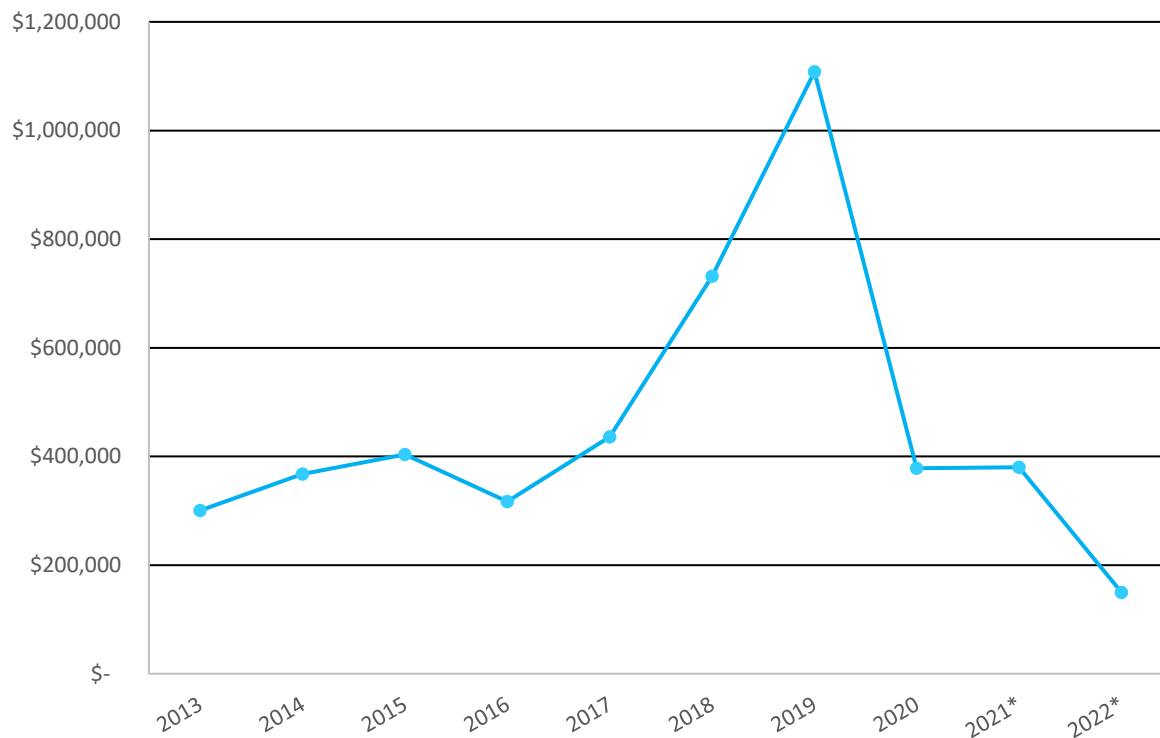
*Budgeted tax revenues

Interest Income

Interest income is generated from the District's General Fund investment portfolio. The portfolio consists of U.S. government and agency fixed income securities as well as investments in Local Government Investment Pools. The investment portfolio has an overall average maturity of one year.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Interest Income	\$ 389,423	\$ 380,000	\$ 150,000	\$ (230,000)	-60.5%

Investment Income History



*Budgeted investment income

FY22 Operating Expenditures

Strategic Objectives

Tarrant Regional Water District has five strategic objectives in 2020-2022 strategic plan. The General Fund operating budget centers around accomplishing these objectives.

Objective 1: Further TRWD's flood control mission through regional partnerships.

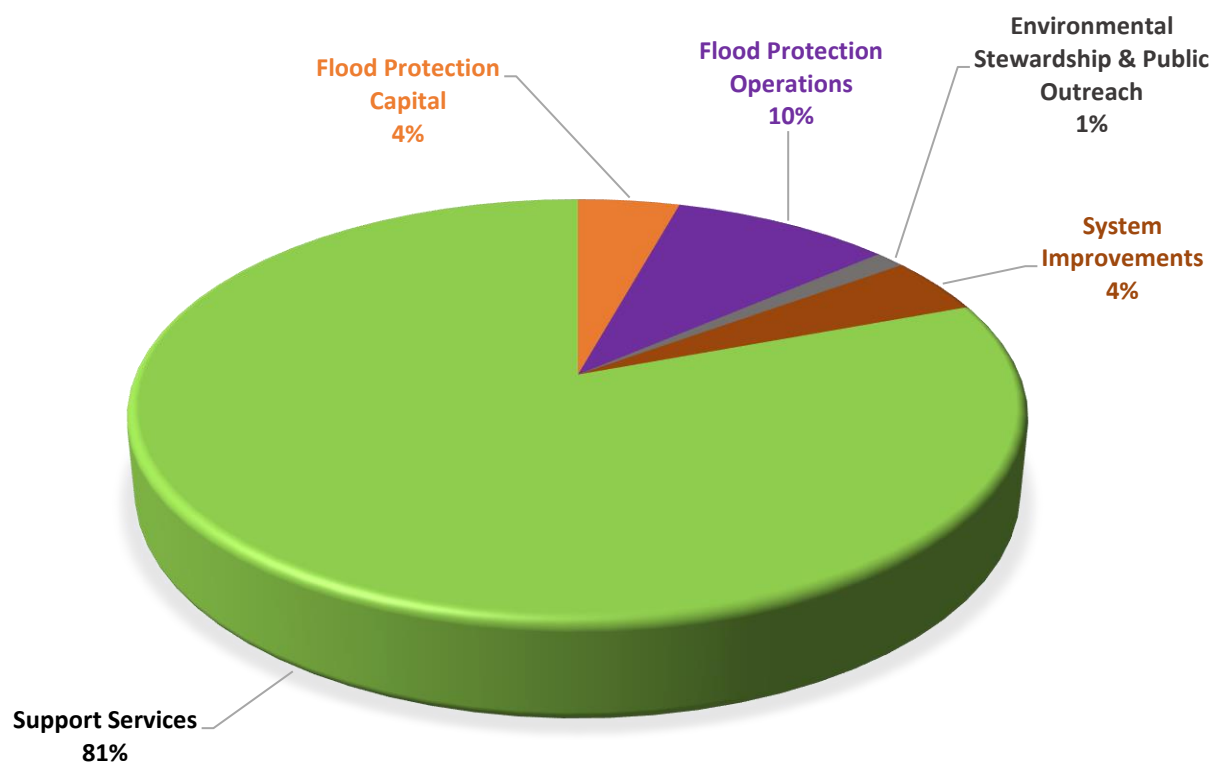
Objective 2: Responsible management of TRWD assets.

Objective 3: Further TRWD as an employer of choice.

Objective 4: Foster TRWD relationships.

Objective 5: Emergency preparedness and management.

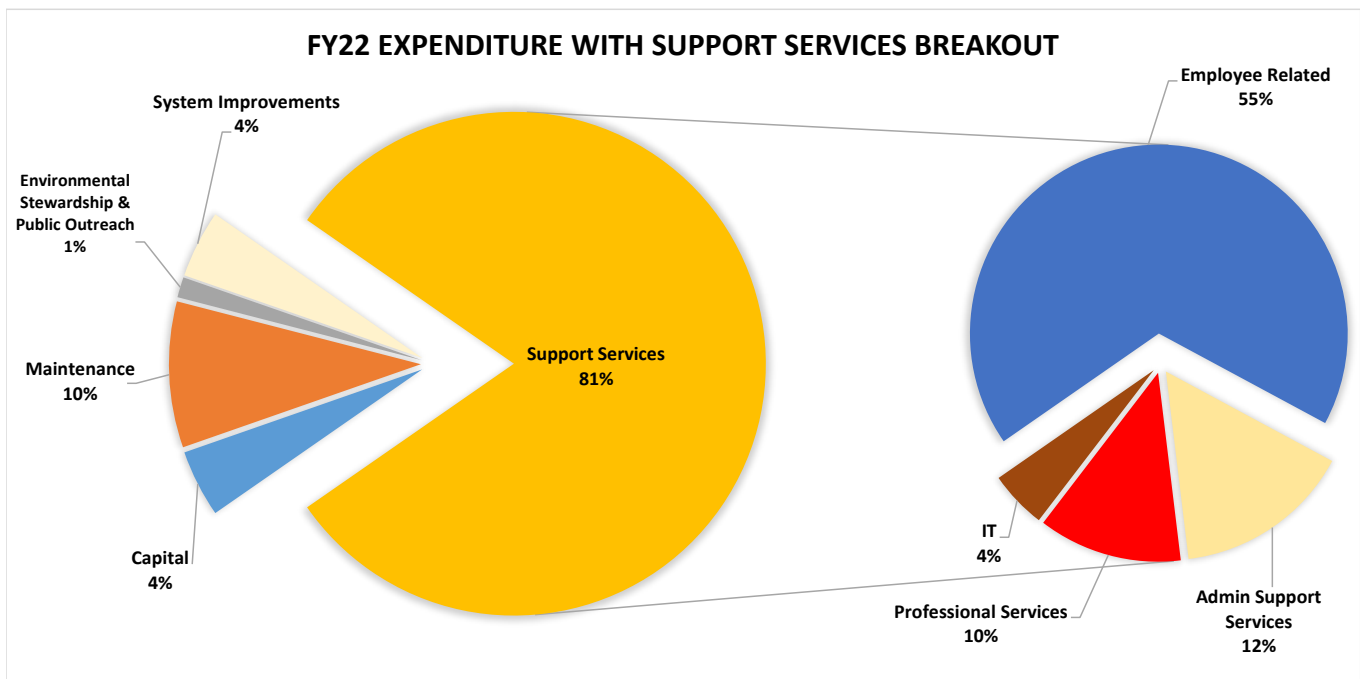
FY22 Approved Budget



Expenditure Budget Overview

The FY22 Flood Protection Operating Budget is presented below in budget categories. Flood protection capital, system improvement projects and maintenance budgets are directly related to costs associated with the District's commitment to reducing the public's risk of flooding. Programs like Stormwater management, environmental stewardship and public outreach have become vital elements of the District's overall operating budget. Support Services are comprised of administrative and professional services, information technology and a staff committed to the Flood Protection mission. Additional details of the budget categories will be provided on the following pages.

Budget Categories	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Maintenance	\$ 1,924,209	\$ 2,235,055	\$ 1,954,274	\$ (280,781)	-12.6%
System Improvements	\$ 257,164	\$ 192,000	\$ 905,000	\$ 713,000	371.4%
Capital	\$ 1,553,572	\$ 1,628,100	\$ 900,000	\$ (728,100)	-44.7%
Environmental Stewardship & Public Outreach	\$ 705,966	\$ 464,388	\$ 272,451	\$ (191,937)	-41.3%
Support Services	\$ 13,485,905	\$ 16,146,908	\$ 16,837,255	\$ 690,347	4.3%
Total	\$ 17,926,816	\$ 20,666,451	\$ 20,868,980	\$ 202,529	1.0%

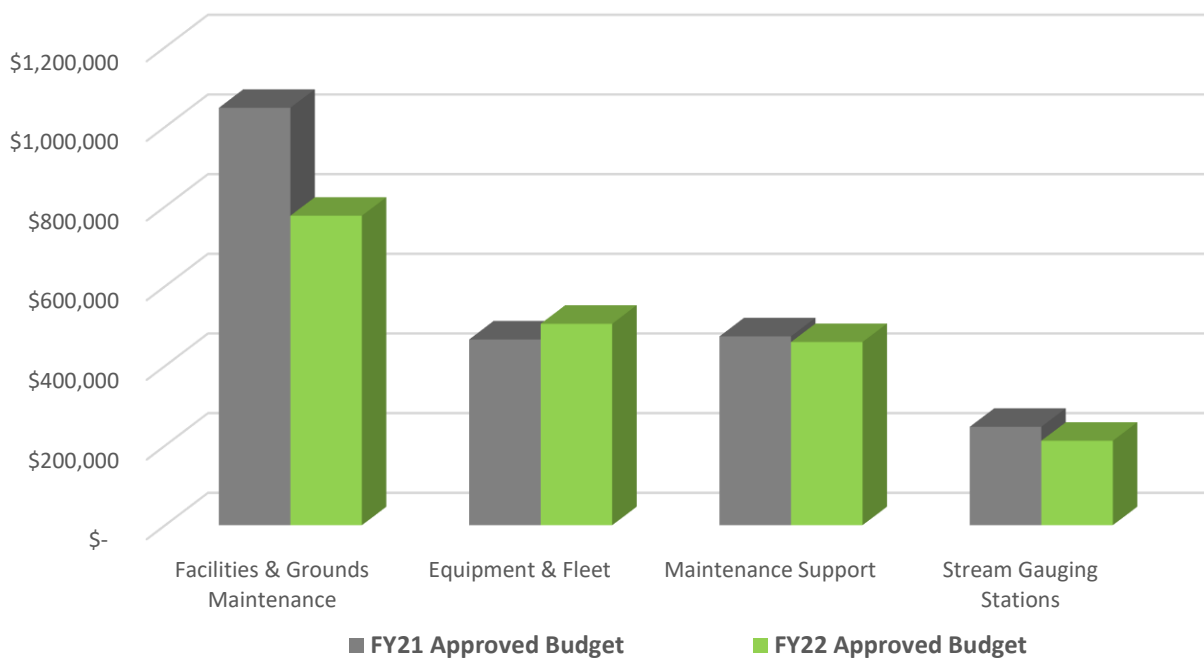


Maintenance Budget

The Flood Protection Operations Budget consists of maintenance budgets that are directly related to the Flood Protection strategic goals. In FY22, the overall maintenance costs are budgeted to decrease by 12.6%. The majority of the decrease is in facilities and grounds maintenance costs due to the FY21 budget including the demolition of the old Lake Patrol office, which is not in the FY22 budget.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Facilities & Grounds Maintenance	\$ 916,036	\$ 1,047,740	\$ 776,880	\$ (270,860)	-25.9%
Equipment & Fleet	\$ 556,946	\$ 466,252	\$ 505,681	\$ 39,429	8.5%
Maintenance Support	\$ 290,895	\$ 474,063	\$ 459,713	\$ (14,350)	-3.0%
Stream Gauging Stations	\$ 160,332	\$ 247,000	\$ 212,000	\$ (35,000)	-14.2%
Total	\$ 1,924,209	\$ 2,235,055	\$ 1,954,274	\$ (280,781)	-12.6%

Budget Comparison FY21 to FY22



System Improvement Budget

A component of the Flood Protection budget is system improvement projects. The following table provides a list of the projects for FY22.

Projects	FY22 Approved Budget
Evaluations of Flood Levels for FW Floodway	\$ 300,000
Upper West Fork silt removal and toe erosion repair	\$ 280,000
Lower Westfork Trail replacement between Riverside Dr and Sycamore Creek	\$ 135,000
Rehabilitate Levees	\$ 100,000
Property Restorations (Bridgeport & Eagle Mountain)	\$ 50,000
Trail Resurfacing	\$ 40,000
Total	\$ 905,000



Trail resurfacing enhances the trails for safety and sustainability. Shown here is a resurfacing project that will replace the weathered asphalt.

Capital Budget

The District considers purchases of \$10K or greater for machinery and equipment to be a capital purchase. Purchases of property and construction costing \$20K or more will also fall in the category of a capital asset. The budgets for all of the approved capital purchases are listed below.

Capital Projects	FY22 Approved Budget
Remove & Replace LED Underground Storage Tank & Fuel System	\$ 100,000
Land Easements along the Floodway	\$ 25,000
Total Capital Projects	\$ 125,000

Capital Equipment	FY22 Approved Budget
<u>Replacements</u>	
1 - Tractor 4WD Utility w/ Cab	\$ 213,000
1 - 22' patrol boat with trailer	\$ 160,000
1 - Heavy duty telehandler replacement	\$ 155,000
1 - Heavy Duty 40' Belly Dump Trailer	\$ 60,000
1 - 1 Ton 4WD Ext Cab & Chassis w/ Utility Bed Replacement	\$ 49,000
1 - 3/4 Ton 2WD Utility Van Replacement	\$ 35,000
1 - Commercial Remote Control Slope Mower Addition	\$ 30,000
	\$ 702,000
<u>Additions</u>	
1 - 120KW Stand-by Generator Trailer Mounted Addition	\$ 73,000
	\$ 73,000

Total Capital Equipment	\$ 775,000
Total Capital Expenditures	\$ 900,000

Environmental Stewardship and Public Outreach Budget

Environmental Stewardship is one of the District's primary strategic goals. As owners and operators of the Fort Worth Floodway, protecting the quality of the water in the Trinity River is a priority. The Stormwater Program identifies and implements strategies to improve Stormwater quality before it enters the river. This budget also consists of routine water testing costs, which are projected to decrease in FY22. Stormwater Program costs are budgeted to decrease due to the completion of a multi-year CE-QUAL-W2 contract, which simulates how physical changes effect water quality in the Trinity River. Environmental costs are decreasing due to the completion of a multi-year stormwater/bacteria program, which was a series of special water quality studies in the Trinity River Floodway/Watersheds.

			FY22			
	FY21 Approved		Approved			
	FY20 Actuals	Budget	Budget		Variance	% Change
Public Outreach	\$ 100,210	\$ 106,288	\$ 96,351	\$ (9,937)		-9.3%
Stormwater Program	\$ 296,975	\$ 220,000	\$ 75,000	\$ (145,000)		-65.9%
Environmental Costs	\$ 191,539	\$ 98,100	\$ 61,100	\$ (37,000)		-37.7%
Pollution Campaign	\$ 117,242	\$ 40,000	\$ 40,000	\$ -		0.0%
Total	\$ 705,966	\$ 464,388	\$ 272,451	\$ (191,937)		-41.3%



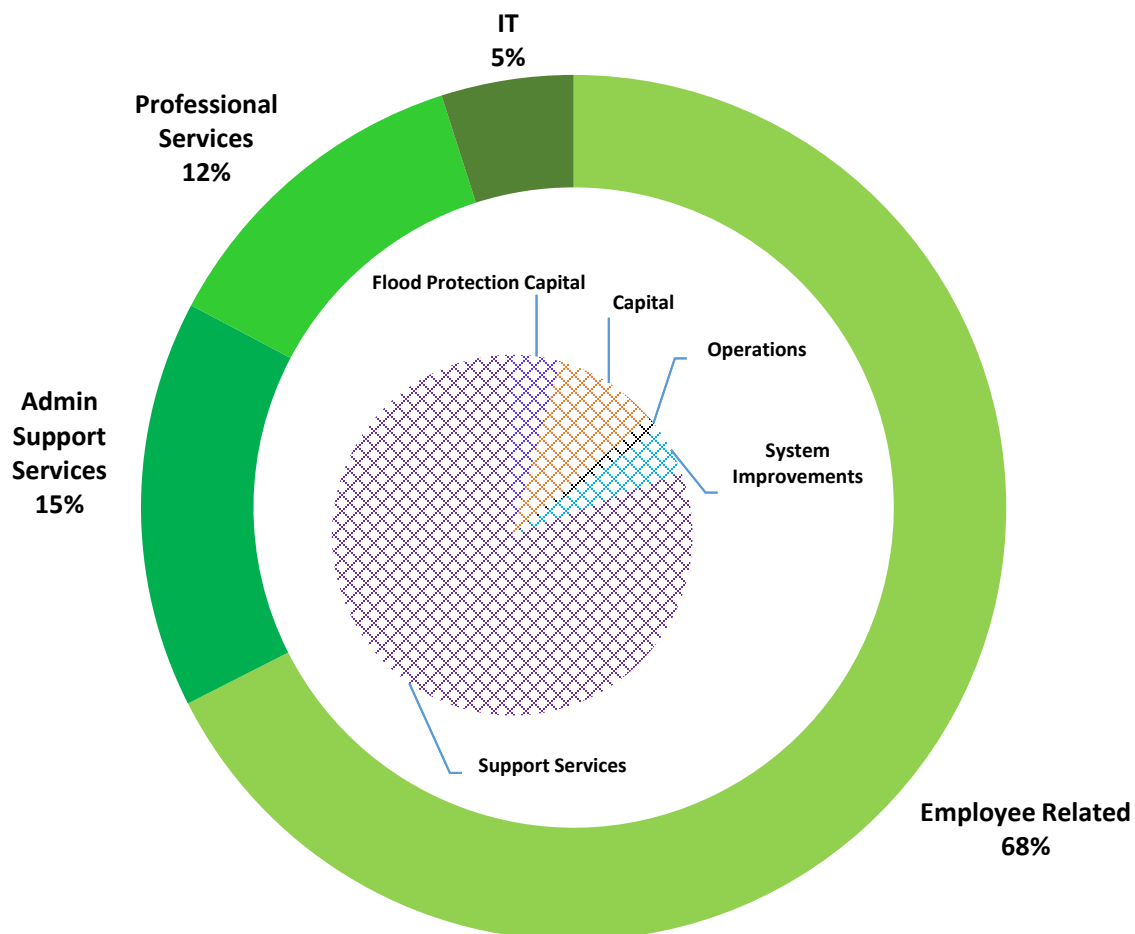
Sampling of the Trinity River is performed monthly from five different locations along the Floodway.

Support Services Budget Overview

The Support Services budget consists of expenditures for services that support the District overall including employee and administrative costs. Employee related budgets make up 68% of the overall support services budget for FY22. As shown in the table below, support budgets are proposed to increase by 4.3% for FY22 as compared to FY21. Additional details of each of these areas will be discussed on the following pages.

			FY22		
	FY20 Actuals	FY21 Approved Budget	Approved Budget	Variance	% Change
Employee Related	\$ 9,447,851	\$ 10,969,132	\$ 11,368,176	\$ 399,044	3.6%
Admin Support Services	\$ 2,298,345	\$ 2,110,091	\$ 2,562,692	\$ 452,601	21.4%
Professional Services	\$ 1,145,466	\$ 2,221,128	\$ 2,075,220	\$ (145,908)	-6.6%
IT	\$ 594,243	\$ 846,557	\$ 831,167	\$ (15,390)	-1.8%
Total	\$ 13,485,905	\$ 16,146,908	\$ 16,837,255	\$ 690,347	4.3%

FY22 Support Services Budget



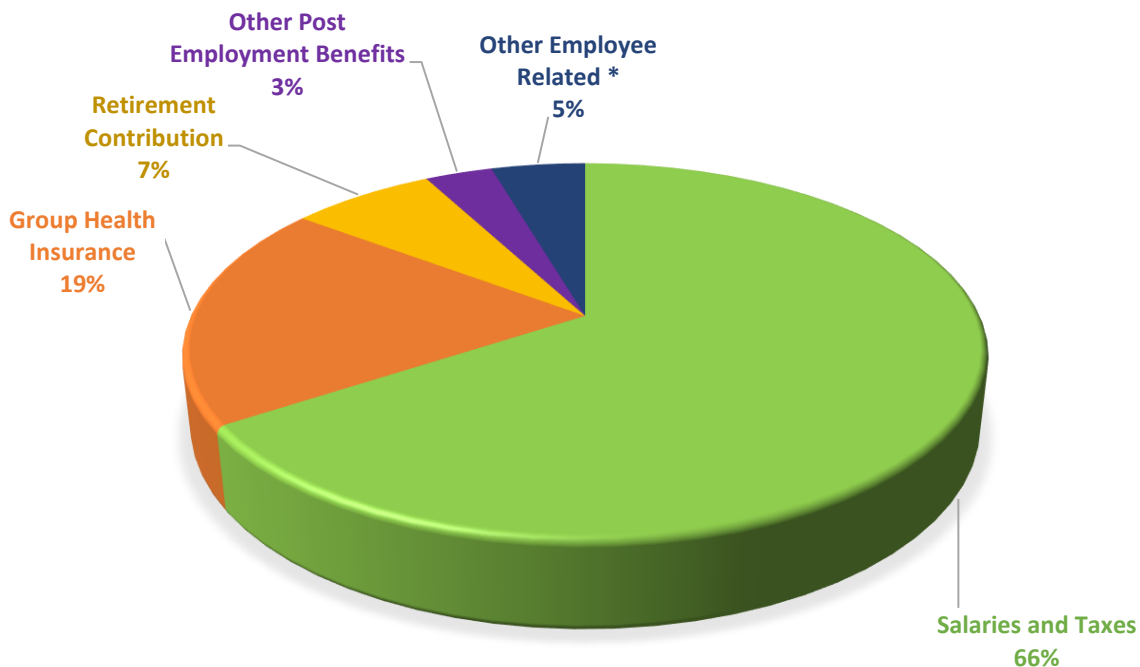
Support Services Employee Related Budget

Total Employee Related expenditures budgeted for FY22 are \$11.4M, representing an increase of 3.6% from prior year's budget. This increase is mainly due to the 3% increase to salaries and related costs for raises, bonuses, and promotions, 1% increase for market adjustments, and increases to group health mainly due to changes in employee insurance tiers. A 10% increase in the Other Post Employment Benefits (OPEB) budget will be seen each year until 75% of the OPEB Trust is funded, and currently the OPEB Trust is 57% funded.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Salaries and Taxes	\$ 6,637,093	\$ 7,231,232	\$ 7,475,130	\$ 243,898	3.4%
Group Health Insurance	\$ 1,407,681	\$ 2,119,995	\$ 2,213,438	\$ 93,443	4.4%
Retirement Contribution	\$ 752,146	\$ 768,805	\$ 793,263	\$ 24,458	3.2%
Other Post Employment Benefits	\$ 305,997	\$ 336,597	\$ 370,256	\$ 33,659	10.0%
Other Employee Related *	\$ 344,934	\$ 512,503	\$ 516,089	\$ 3,586	0.7%
Total	\$ 9,447,851	\$ 10,969,132	\$ 11,368,176	\$ 399,044	3.6%

* Other employee related costs include business and travel, education, and the employee wellness program.

FY22 Employee Related Budget

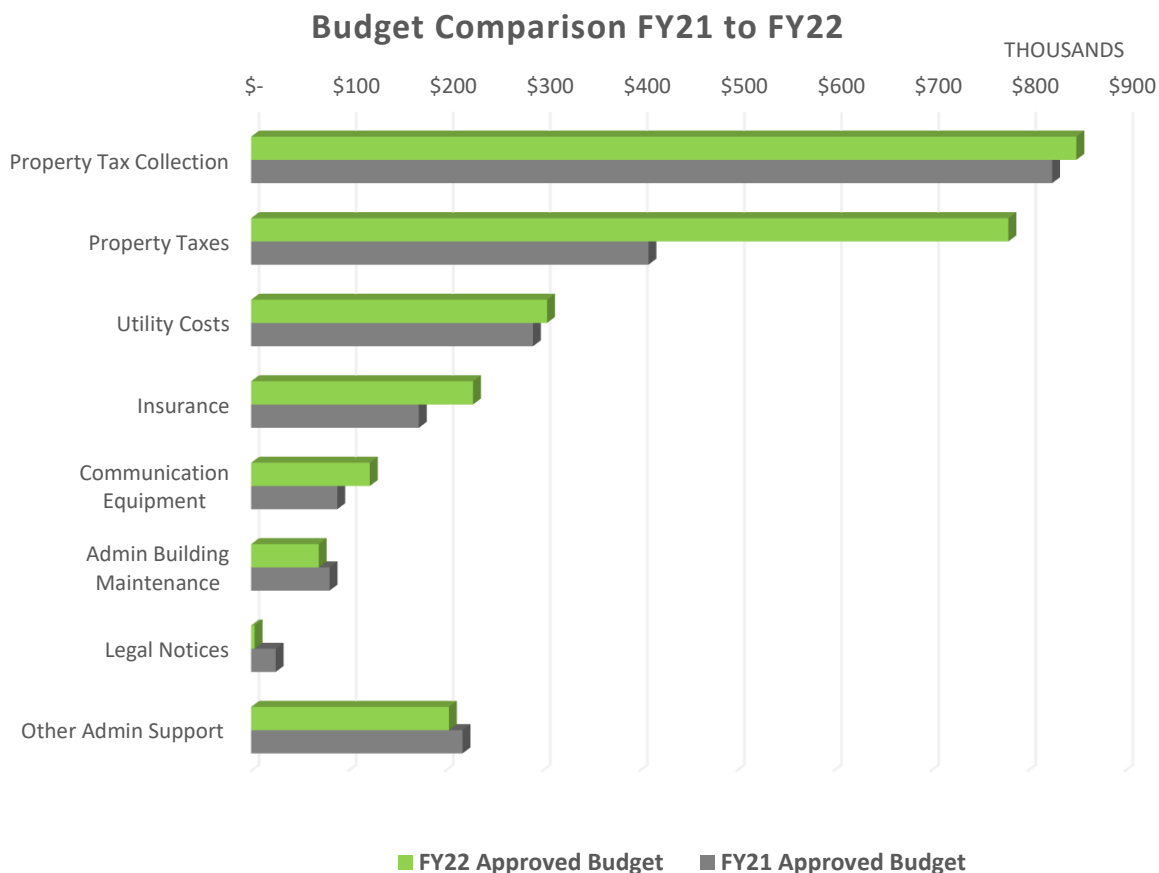


Support Services

Administrative Support Services Budget

The Administrative Support Services budget consists of overhead type expenditures. The largest decrease for the FY22 budget can be seen in legal notices, due to FY22 not being an election year. The District pays property taxes through Tax Increment Financing Districts set up by the City of Fort Worth, and those property tax expenses were previously underbudgeted due to increased property values. The increase in property tax expenses is to bring the budget in line with those increases.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Property Tax Collection	\$ 805,650	\$ 825,000	\$ 850,000	\$ 25,000	3.0%
Property Taxes	\$ 730,930	\$ 409,371	\$ 780,000	\$ 370,629	90.5%
Utility Costs	\$ 296,021	\$ 290,411	\$ 304,898	\$ 14,487	5.0%
Insurance	\$ 147,776	\$ 172,739	\$ 228,582	\$ 55,843	32.3%
Communication Equipment	\$ 37,845	\$ 88,745	\$ 122,270	\$ 33,525	37.8%
Admin Building Maintenance	\$ 79,805	\$ 80,778	\$ 69,660	\$ (11,118)	-13.8%
Legal Notices	\$ 1,907	\$ 25,280	\$ 3,530	\$ (21,750)	-86.0%
Other Admin Support	\$ 198,411	\$ 217,767	\$ 203,752	\$ (14,015)	-6.4%
Total	\$ 2,298,345	\$ 2,110,091	\$ 2,562,692	\$ 452,601	21.4%

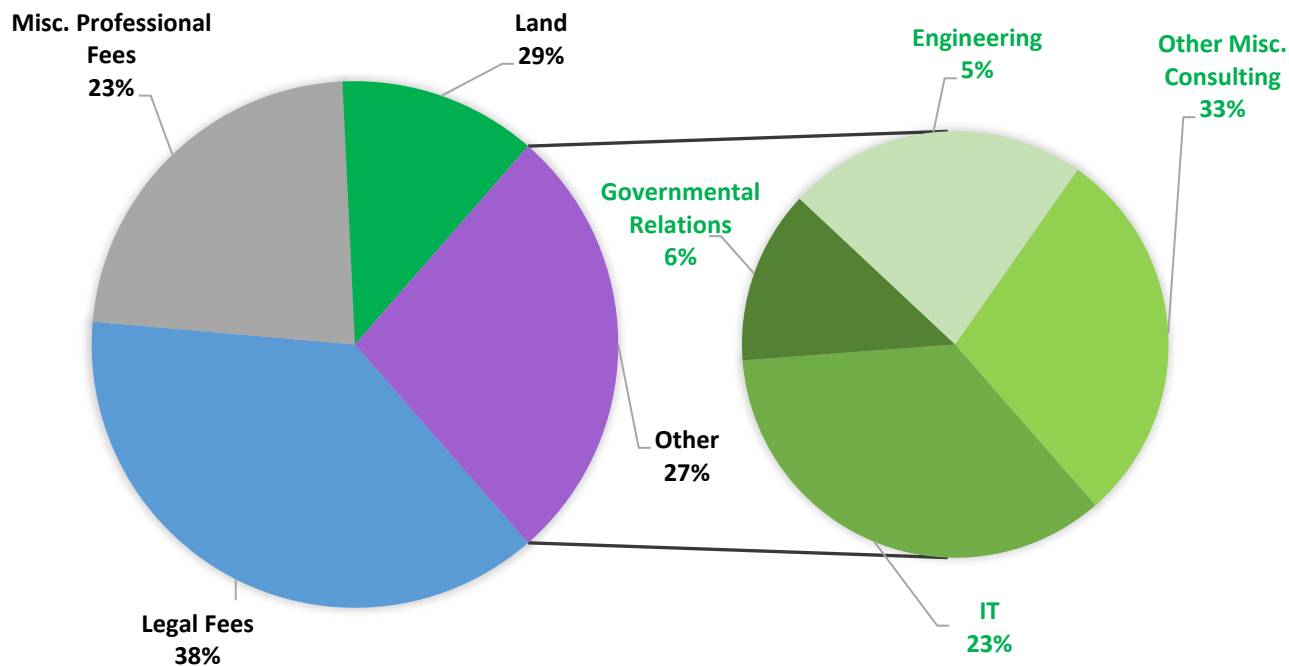


Support Services Professional Services Budget

Legal and consulting services make up the majority of the FY22 Professional Services budget. Additional detail of the FY22 consulting fees is shown in the chart below. The miscellaneous professional fees budget consists of the financial audit, surveying, and other professional fees. Consulting fees include projects such as: cyber security improvements, inspections of various dams and levees, and phase 5 of the asset management project.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Consulting Fees	\$ 412,852	\$ 969,405	\$ 816,405	\$ (153,000)	-15.8%
Legal Fees	\$ 674,456	\$ 784,500	\$ 784,500	\$ -	0.0%
Misc. Professional Fees	\$ 58,158	\$ 467,223	\$ 474,315	\$ 7,092	1.5%
Total	\$ 1,145,466	\$ 2,221,128	\$ 2,075,220	\$ (145,908)	-6.6%

FY22 Professional Services with Consulting Budget Breakout



Support Services
Information Technology Budget

The software budget is increasing to accommodate the increase in use of Microsoft products as more employees are working virtually. The hardware budget is projected to decrease due to the completion of the CISCO-SD WAN hardware purchase in FY21. Also, replacement equipment being purchased as part of the regular lifecycle process is less expensive than it has been in previous years. Additionally, the IS Division is planning to spend extra time throughout the year focusing on stabilizing the support and maintenance tasks for the extensive network that has been built out over the last several years to support the operations of TRWD.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Software	\$ 334,512	\$ 399,867	\$ 437,487	\$ 37,620	9.4%
Hardware	\$ 259,731	\$ 446,690	\$ 393,680	\$ (53,010)	-11.9%
Total	\$ 594,243	\$ 846,557	\$ 831,167	\$ (15,390)	-1.8%



General Fund - Flood Protection FY22 Budget

Revenues	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	
Taxes	\$ 21,000,000	\$ 22,000,000	\$ 1,000,000	4.8%	
Interest Income	\$ 380,000	\$ 150,000	\$ (230,000)	-60.5%	1
Reimbursable Project Revenues	\$ 250,000	\$ -	\$ (250,000)	-100.0%	2
Total Revenues	\$ 21,630,000	\$ 22,150,000	\$ 520,000	2.4%	

Expenditures	FY21 Approved Budget	FY22 Approved Budget	Variance		Notes*
<u>Maintenance</u>					
Facilities & Grounds Maintenance	\$ 1,047,740	\$ 776,880	\$ (270,860)	-25.9%	3
Equipment & Fleet	\$ 466,252	\$ 505,681	\$ 39,429	8.5%	
Maintenance Support	\$ 474,063	\$ 459,713	\$ (14,350)	-3.0%	
Stream Gauging Stations	\$ 247,000	\$ 212,000	\$ (35,000)	-14.2%	4
Total Maintenance	\$ 2,235,055	\$ 1,954,274	\$ (280,781)	-12.6%	
System Improvements	\$ 192,000	\$ 905,000	\$ 713,000	371.4%	5
Capital	\$ 1,628,100	\$ 900,000	\$ (728,100)	-44.7%	6
<u>Environmental Stewardship and Public Outreach</u>					
Public Outreach	\$ 106,288	\$ 96,351	\$ (9,937)	-9.3%	
Stormwater Program	\$ 220,000	\$ 75,000	\$ (145,000)	-65.9%	7
Environmental	\$ 98,100	\$ 61,100	\$ (37,000)	-37.7%	8
Pollution Campaign	\$ 40,000	\$ 40,000	\$ -	0.0%	
Total Environmental Stewardship and Public Outreach	\$ 464,388	\$ 272,451	\$ (191,937)	-41.3%	
<u>Support Services</u>					
Employee Related	\$ 10,969,132	\$ 11,368,176	\$ 399,044	3.6%	
Admin Support Services	\$ 2,110,091	\$ 2,562,692	\$ 452,601	21.4%	9
Professional Services	\$ 2,221,128	\$ 2,075,220	\$ (145,908)	-6.6%	
IT	\$ 846,557	\$ 831,167	\$ (15,390)	-1.8%	
Total Support Services	\$ 16,146,908	\$ 16,837,255	\$ 690,347	4.3%	
Total Expenditures	\$ 20,666,451	\$ 20,868,980	\$ 202,529	1.0%	

Budgeted Net Increase to Equity	\$ 963,549	\$ 1,281,020	\$ 317,471	32.9%	
--	-------------------	---------------------	-------------------	--------------	--

*See explanations for significant variances on next page

Variance Explanations

1 Interest Income

This decrease is due to lower interest rates.

2 Reimbursable Project Revenues

This decrease is due to the completion of a trailhead that was funded by the City of Fort Worth.

3 Facilities & Grounds Maintenance

Decrease due to the FY20 budget for demolition of the old Lake Patrol office not being budgeted for in FY21.

4 Stream Gauging Stations

The decrease is due to removing certain measurements that are no longer needed.

5 System Improvements

The increases in system improvements are due to flood evaluations for Mary's Creek, silt removal on upper west fork, levee rehabilitation, property restoration, and trail improvements.

6 Capital

The decrease in Capital is due to the completion of trailhead construction that was budgeted in

7 Stormwater Program

The Stormwater program decrease is due to the completion of a multi-year CE-QUAL-W2 contract, which simulates how physical changes effect water quality in the Trinity River.

8 Environmental

The Environmental budget consists of routine water testing costs, which are projected to decrease in FY22 due to a restructuring of the support for Stormwater sampling and the completion of multi-year stormwater/bacteria program, which was a series of special water quality studies in the Trinity River Floodway/Watersheds.

9 Admin Support Services

This increase is due to the increase in property taxes paid to TIF's because of increased property values.

Special Projects/Contingency Fund



Airfield Falls Trails

Special Projects/Contingency Fiscal Year 2022 Budget Summary

The Special Projects/Contingency Fund includes revenues from non-operating income, as well as net expenses for the Recreation mission and other capital projects. Additionally, TIF revenues for the Panther Island / Central City Project and related debt service are budgeted here. Details of the budget for non-operating income and expenses will be provided on the following pages.

Revenues Special Projects/Contingency Fund	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Oil and Gas Revenues	\$ 6,000,000	\$ 6,000,000	\$ -	0.0%
Interest Income	\$ 460,000	\$ 100,000	\$ (360,000)	-78.3%
Other Income	\$ 1,041,637	\$ 832,246	\$ (209,391)	-20.1%
Total Revenues	\$ 7,501,637	\$ 6,932,246	\$ (569,391)	-7.6%

Expenditures Special Projects/Contingency Fund	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Capital Expenditures	\$ -	\$ 787,500	\$ 787,500	100.0%
Panther Island/Central City Canal	\$ -	\$ 225,000	\$ 225,000	100.0%
Consulting Services	\$ -	\$ 100,000	\$ 100,000	100.0%
Net Recreation Expenses	\$ 1,229,165	\$ 2,341,260	\$ 1,112,095	90.5%
Total Expenses	\$ 1,229,165	\$ 3,453,760	\$ 2,224,595	181.0%

Debt Service - Panther Island/Central City Project	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
TIF Revenues	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	22.8%
Debt Service Expenditures	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	22.8%
Net Change in Debt Services Equity	\$ -	\$ -	\$ -	100.0%

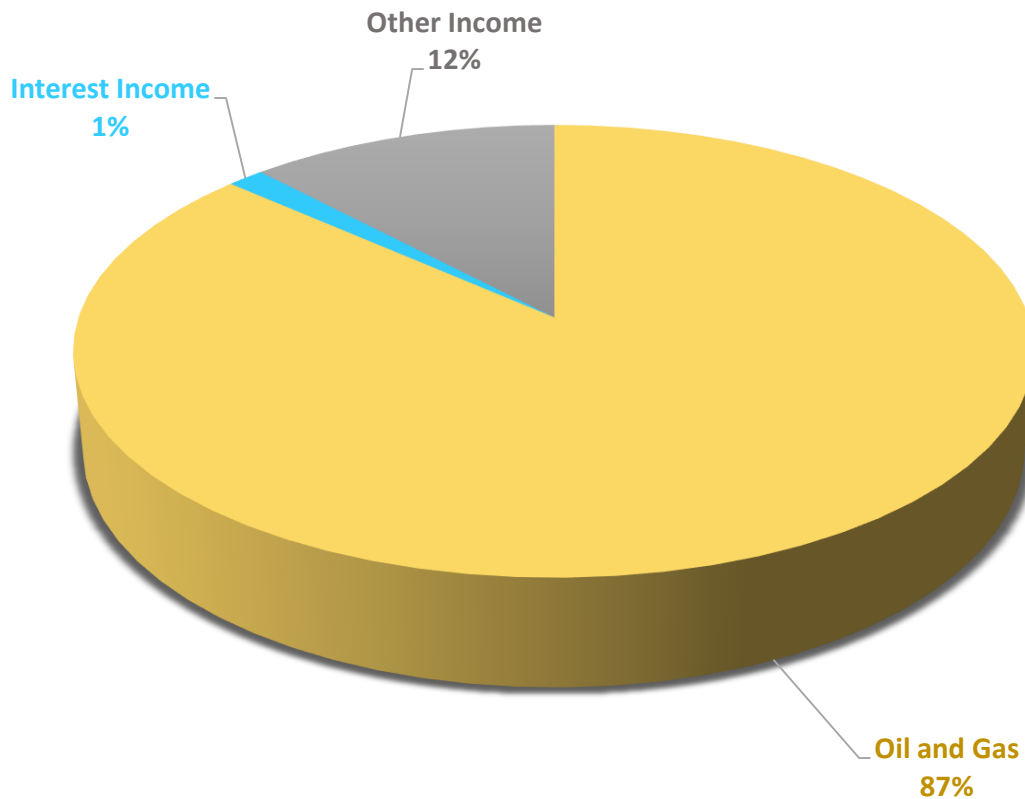
Budgeted Net Increase to Equity	\$ 6,272,472	\$ 3,478,486	\$ (2,793,986)	-44.5%
--	---------------------	---------------------	-----------------------	---------------

Special Projects/Contingency Revenues

Beginning in fiscal year 2020, the District began setting aside future Oil and Gas revenues, interest income, and other revenues in a Special Projects/Contingency Fund.

	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Oil and Gas	\$ 6,289,144	\$ 6,000,000	\$ 6,000,000	\$ -	0.0%
Interest Income	\$ 333,835	\$ 460,000	\$ 100,000	\$ (360,000)	-78.3%
Other Income	\$ 939,968	\$ 1,041,637	\$ 832,246	\$ (209,391)	-20.1%
Total Special Projects/Contingency Fund Revenues	\$ 7,562,947	\$ 7,501,637	\$ 6,932,246	\$ (569,391)	-7.6%

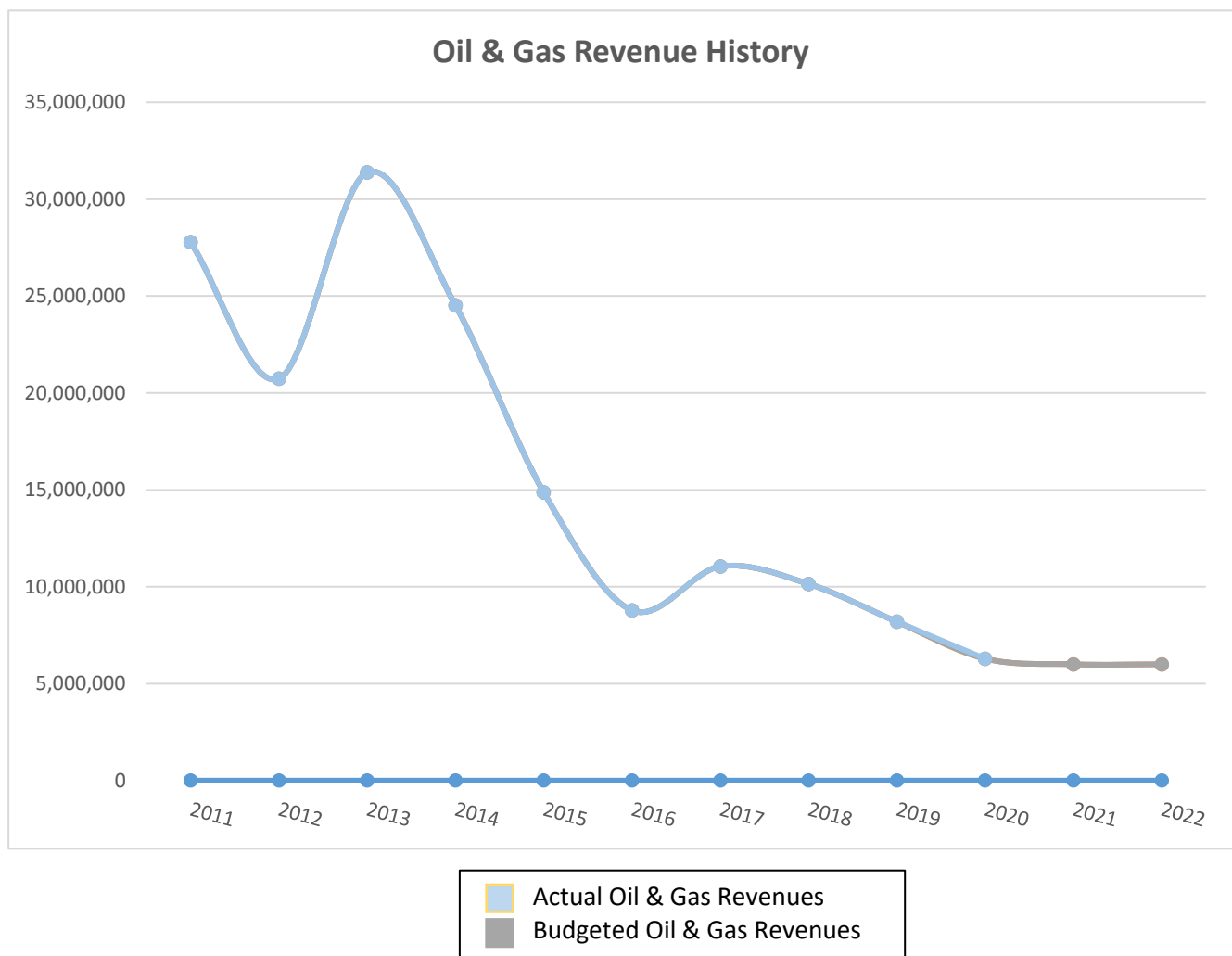
FY22 Approved Budget



Special Projects/Contingency Revenues Oil and Gas Royalties

The majority of revenue from oil and gas royalties is generated from mineral interests located in Wise, Jack and Tarrant Counties under and surrounding Lake Bridgeport and Lake Eagle Mountain. Due to uncertainty of oil and gas production, these revenues will be set aside as a contingency for future needs.

The chart below illustrates the actual revenues received from oil and gas royalties for the past 10 years with the budgeted revenues for FY21 and FY22. Prior to FY20 Oil and Gas revenues were in the General Fund; in FY20 they were moved to the Special Projects/Contingency Fund.



Special Projects/Contingency Revenues***Interest Income***

Interest income is generated from the District's General Fund investment portfolio. The portfolio consists of U.S. government and agency fixed income securities as well as investments in Local Government Investment Pools. The portfolio has an overall average maturity of two years. The decrease in interest income budget from FY21 to FY22 is due to low interest rates.

	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Interest Income	\$ 460,000	\$ 100,000	\$ (360,000)	-78.3%

Other Income

Other Income consists of leases, permits, sales of land and equipment, and other miscellaneous revenues.

Sources	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
Annex East, West and Garage Lease	\$ 602,391	\$ 602,391	\$ -	0.0%
Floodway Leases & Permits	\$ 177,757	\$ 185,355	\$ 7,598	4.3%
Miscellaneous Revenues	\$ 196,589	\$ 32,000	\$ (164,589)	-83.7%
Land, Equipment, & Sand Sales	\$ 64,900	\$ 12,500	\$ (52,400)	-80.7%
Total	\$ 1,041,637	\$ 832,246	\$ (209,391)	-20.1%

Special Projects/Contingency Expenditures

The Special Projects/Contingency fund provides a funding resource to support projects approved by the Board. In FY22, the expenses in the Special Projects/Contingency fund include the second payment of property purchased in FY21 for a future stormwater canal as well as consulting work related to land along the floodway. Expenses related to the design, construction, and engineering related to detention credits for property owners along the Panther Island/Central City Canal are also included in this budget.

	FY22 Approved Budget
Capital Expenditures - Property Purchase	\$ 787,500
Panther Island/Central City Canal Design and Construction	\$ 225,000
Consulting Services	\$ 100,000
Net Recreation Expenses (detail on pages 56-64)	\$ 2,341,260
Total	\$ 3,453,760

Recreation FY22 Budget Summary

Recreation Overview

Much of the infrastructure TRWD has built provides excellent recreational opportunities for the public. For example, maintenance roads double as trails for public use, and the recreation fund then provides additional recreation opportunities through trailheads that allow easier access to the trail system. The Recreation Fund budget provides the needed resources to maintain the recreation side of the infrastructure and produce events that drive communities to the river. Overall, in FY22 the District has a \$5.2M recreation program for a net investment of \$2.3M.

			FY21 Approved	FY22 Approved		
Operating Revenues	FY20 Actuals		Budget	Budget	Variance	% Change
Events & Programming	\$ 306,523	\$	1,017,750	\$ 1,019,400	\$ 1,650	0.2%
Infrastructure Enhancement	\$ -	\$	-	\$ 675,000	\$ 675,000	100.0%
Infrastructure (Ongoing Maintenance)	\$ 1,072,486	\$	1,339,210	\$ 1,132,840	\$ (206,370)	-15.4%
Total Revenues	\$ 1,379,009	\$	2,356,960	\$ 2,827,240	\$ 470,280	20.0%
Operating Expenditures						
Events & Programming	\$ 661,558	\$	1,410,300	\$ 1,540,900	\$ 130,600	9.3%
Infrastructure Enhancement	\$ -	\$	-	\$ 1,465,000	\$ 1,465,000	100.0%
Infrastructure (Ongoing Maintenance)	\$ 787,241	\$	797,275	\$ 694,650	\$ (102,625)	-12.9%
Admin Support	\$ 461,531	\$	1,378,550	\$ 1,467,950	\$ 89,400	6.5%
Total Expenditures	\$ 1,910,330	\$	3,586,125	\$ 5,168,500	\$ 1,582,375	44.1%
Net Recreation Expenses	\$ (531,321)	\$	(1,229,165)	\$ (2,341,260)	\$ (1,112,095)	90.5%

Recreation Event and Programming Budget Summary

Revenues	FY20 Actuals	FY21 Approved	FY22 Approved	Variance	% Change
		Budget	Budget		
Oktoberfest Fort Worth	\$ 70	\$ 330,000	\$ 330,000	\$ -	0.0%
Panther Island Ice Rink	\$ 265,751	\$ 250,000	\$ 250,000	\$ -	0.0%
Fort Worth Fourth	\$ 25,000	\$ 225,000	\$ 235,000	\$ 10,000	4.4%
Rockin' the River	\$ 125	\$ 114,500	\$ 114,500	\$ -	0.0%
Fort Wurst	\$ 1,500	\$ 41,000	\$ 52,500	\$ 11,500	28.0%
Flyfest	\$ 116	\$ 17,000	\$ 14,000	\$ (3,000)	-17.6%
Sunday Funday	\$ 5,121	\$ 12,000	\$ 8,900	\$ (3,100)	-25.8%
PIP - Rentals & Concessions	\$ -	\$ -	\$ 6,000	\$ 6,000	0.0%
Trash Bash	\$ 3,000	\$ 17,500	\$ 2,500	\$ (15,000)	-85.7%
Adopt a Drain	\$ 840	\$ 750	\$ 1,000	\$ 250	33.3%
Adopt a River	\$ 5,000	\$ 10,000	\$ 5,000	\$ (5,000)	-50.0%
Total Revenues	\$ 306,523	\$ 1,017,750	\$ 1,019,400	\$ 1,650	0.2%
Expenditures					
Oktoberfest Fort Worth	\$ 57,037	\$ 297,500	\$ 295,000	\$ (2,500)	-0.8%
Panther Island Ice Rink	\$ 262,476	\$ 227,500	\$ 250,000	\$ 22,500	9.9%
Fort Worth Fourth	\$ 89,011	\$ 370,500	\$ 372,500	\$ 2,000	0.5%
Rockin' the River	\$ 26,352	\$ 174,000	\$ 171,000	\$ (3,000)	-1.7%
Fort Wurst	\$ -	\$ 26,200	\$ 26,200	\$ -	0.0%
Flyfest	\$ 36,972	\$ 55,000	\$ 55,000	\$ -	0.0%
Sunday Funday	\$ 10,447	\$ 8,900	\$ 12,500	\$ 3,600	40.4%
PIP - Rentals & Concessions	\$ -	\$ -	\$ 12,000	\$ 12,000	100.0%
Trash Bash	\$ 32,675	\$ 103,500	\$ 81,000	\$ (22,500)	-21.7%
Adopt a Drain	\$ 543	\$ 3,000	\$ 1,000	\$ (2,000)	-66.7%
Trout Stockings	\$ 25,000	\$ 27,250	\$ 27,250	\$ -	0.0%
Mayfest	\$ (1,739)	\$ 17,500	\$ 18,000	\$ 500	2.9%
Adopt a River	\$ 5,588	\$ 20,000	\$ 20,000	\$ -	0.0%
Marine Creek Health Fair	\$ 2,244	\$ 9,500	\$ 7,000	\$ (2,500)	-26.3%
Miscellaneous Events	\$ 3,555	\$ 5,600	\$ 4,500	\$ (1,100)	-19.6%
Program Support	\$ 111,397	\$ 64,350	\$ 187,950	\$ 123,600	192.1%
Total Expenditures	\$ 661,558	\$ 1,410,300	\$ 1,540,900	\$ 130,600	9.3%
Net Investment	\$ (355,035)	\$ (392,550)	\$ (521,500)	\$ (128,950)	32.8%

Recreation Events & Programming Budget Summary (continued)

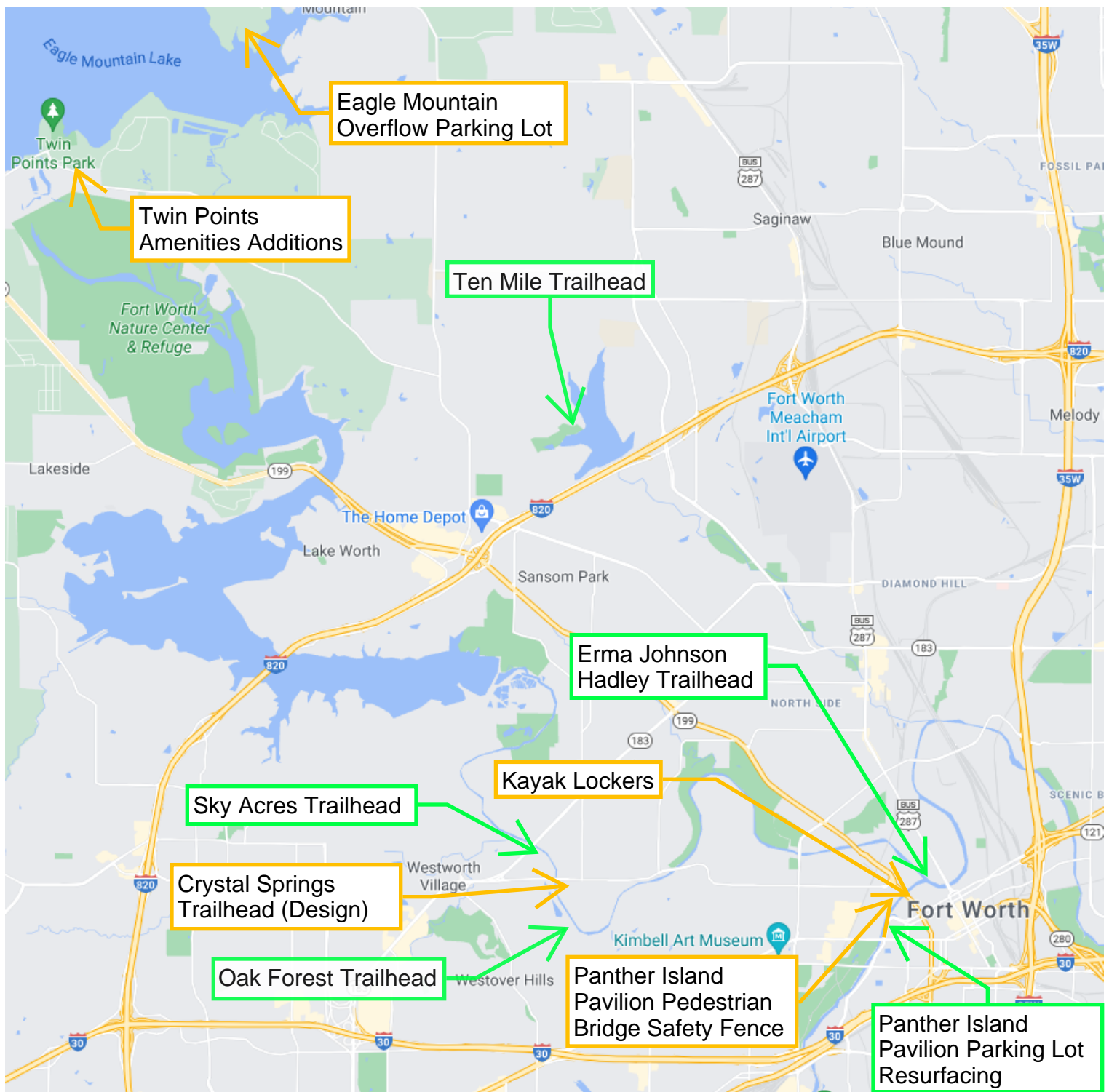
Events & Programming	Revenue FY22 Approved Budget	Expenditures FY22 Approved Budget	Net Investment FY22 Approved Budget
Oktoberfest Fort Worth	\$ 330,000	\$ 295,000	\$ 35,000
Panther Island Ice Rink	\$ 250,000	\$ 250,000	\$ -
Fort Worth Fourth	\$ 235,000	\$ 372,500	\$ (137,500)
Rockin' the River	\$ 114,500	\$ 171,000	\$ (56,500)
Fort Wurst	\$ 52,500	\$ 26,200	\$ 26,300
Flyfest	\$ 14,000	\$ 55,000	\$ (41,000)
Sunday Funday	\$ 8,900	\$ 12,500	\$ (3,600)
PIP - Rentals & Concessions	\$ 6,000	\$ 12,000	\$ (6,000)
Trash Bash	\$ 2,500	\$ 81,000	\$ (78,500)
Adopt a Drain	\$ 1,000	\$ 1,000	\$ -
Adopt a River	\$ 5,000	\$ 20,000	\$ (15,000)
Trout Stockings	\$ -	\$ 27,250	\$ (27,250)
Mayfest	\$ -	\$ 18,000	\$ (18,000)
Marine Creek Health Fair	\$ -	\$ 7,000	\$ (7,000)
Miscellaneous Events	\$ -	\$ 4,500	\$ (4,500)
Program Support	\$ -	\$ 187,950	\$ (187,950)
Total	\$ 1,019,400	\$ 1,540,900	\$ (521,500)

Recreation Infrastructure Enhancements Budget Summary

These are the approved infrastructure enhancement projects. See next page for map and detail of these projects.

Infrastructure Enhancement	Budgeted Contributions FY2022	Budgeted Expenditures FY2022	Infrastructure Enhancement Net Cost
Panther Island Pavilion - Parking Lot Resurfacing	\$ 400,000	\$ 550,000	\$ (150,000)
Oak Forest Trailhead	\$ 250,000	\$ 250,000	\$ -
Beneath the Surface - Art Project Along the Trails	\$ 25,000	\$ 25,000	\$ -
Ten Mile Trailhead	\$ -	\$ 200,000	\$ (200,000)
Sky Acres Trailhead (183/Airfield Falls)	\$ -	\$ 130,000	\$ (130,000)
Erma Johnson Hadley Trailhead	\$ -	\$ 100,000	\$ (100,000)
Panther Island Pavilion Pedestrian Bridge Safety Fence	\$ -	\$ 50,000	\$ (50,000)
Eagle Mountain Overflow Parking Lot	\$ -	\$ 50,000	\$ (50,000)
Public Art & Signs	\$ -	\$ 50,000	\$ (50,000)
Twin Points Amenities Additions	\$ -	\$ 25,000	\$ (25,000)
Crystal Springs Trailhead	\$ -	\$ 25,000	\$ (25,000)
Kayak Lockers at Panther Island - Henderson Bridge	\$ -	\$ 10,000	\$ (10,000)
Total	\$ 675,000	\$ 1,465,000	\$ (790,000)

Map of FY 2022 Proposed Infrastructure Enhancements for Recreation



Large Projects - described on next page

Trail design and improvements to current infrastructure

Public Art & Signs and Beneath The Surface are not denoted on this map as they will be spread out throughout the trail system.

Descriptions of Large FY 2022 Proposed Infrastructure Enhancements for Recreation

Ten Mile Bridge Trailhead - The District is working in conjunction with the City of Fort Worth to build a quiet trailhead for launching kayaks/canoes near their new park. This trailhead will also provide restrooms and water at the halfway point along the 6 mile long Marine Creek Trail loop.

Erma Johnson Hadley - This trailhead will connect Encore Panther Island Apartments and North Main traffic to the Trinity Trails.

Sky Acres Trailhead - This trailhead will accommodate extra parking for access to Airfield Falls.

Oak Forest Trailhead - This trailhead will be fully reimbursed by a private donor.

Panther Island Pavilion parking Lot Resurfacing -The majority of this project will be reimbursed by TCC.

Recreation Infrastructure Budget Summary

	FY21 Approved		FY22 Approved			
Revenues	FY20 Actuals	Budget	Budget		Variance	% Change
Woodshed Restaurant	\$ 136,286	\$ 211,000	\$ 148,000	\$ (63,000)		-29.9%
Coyote Drive-In Theatre	\$ 179,819	\$ 175,000	\$ 175,000	\$ -		0.0%
Twin Points Park	\$ 472,567	\$ 445,000	\$ 475,000	\$ 30,000		6.7%
Eagle Mountain Park	\$ -	\$ -	\$ 6,500	\$ 6,500		100.0%
Panther Island Facilities	\$ 75,985	\$ 136,000	\$ 136,000	\$ -		0.0%
Trinity Trail Permits	\$ -	\$ 10,000	\$ 13,000	\$ 3,000		30.0%
Bridgeport & EM Leases	\$ 207,829	\$ 188,210	\$ 179,340	\$ (8,870)		-4.7%
LaGrave Stadium	\$ -	\$ 174,000	\$ -	\$ (174,000)		-100.0%
Total Revenues	\$ 1,072,486	\$ 1,339,210	\$ 1,132,840	\$ (206,370)		-15.4%
Expenditures						
Woodshed Restaurant	\$ 1,271	\$ 3,600	\$ 3,600	\$ -		0.0%
Coyote Drive-In Theatre	\$ 63,419	\$ 82,100	\$ 65,000	\$ (17,100)		-20.8%
Twin Points Park	\$ 173,153	\$ 172,000	\$ 180,250	\$ 8,250		4.8%
Eagle Mountain Park	\$ 66,423	\$ 65,225	\$ 83,450	\$ 18,225		27.9%
Panther Island Facilities	\$ 73,080	\$ 176,650	\$ 178,050	\$ 1,400		0.0%
Public Art & Signs	\$ 80,586	\$ 50,000	\$ -	\$ (50,000)		-100.0%
Trailhead maintenance	\$ 156,219	\$ 247,700	\$ 184,300	\$ (63,400)		-25.6%
Trailhead construction	\$ 173,090	\$ -	\$ -	\$ -		0.0%
Total Expenditures	\$ 787,241	\$ 797,275	\$ 694,650	\$ (102,625)		-12.9%
Net Revenues	\$ 285,245	\$ 541,935	\$ 438,190	\$ (103,745)		-19.1%



Twin Points Park is located at Eagle Mountain Lake and attracts an average of 60,000 visitors each year.

Recreation Infrastructure Budget Summary (continued)

Infrastructure Expenditures & Related Revenue	Revenue FY22 Approved Budget	Expenditures FY22 Approved Budget	Net Revenue/Cost FY22 Approved Budget
Woodshed Restaurant	\$ 148,000	\$ 3,600	\$ 144,400
Coyote Drive-In Theatre	\$ 175,000	\$ 65,000	\$ 110,000
Twin Points Park	\$ 475,000	\$ 180,250	\$ 294,750
Eagle Mountain Park	\$ 6,500	\$ 83,450	\$ (76,950)
Panther Island Facilities	\$ 136,000	\$ 178,050	\$ (42,050)
Trinity Trail Permits	\$ 13,000	\$ -	\$ 13,000
Bridgeport & EM Leases	\$ 179,340	\$ -	\$ 179,340
Trailhead maintenance	\$ -	\$ 184,300	\$ (184,300)
Total	\$ 1,132,840	\$ 694,650	\$ 438,190

Recreation Support Services Overview

The Administrative Support Services budget consists of costs that support the District overall, including personnel and administrative costs.

Expenditures	FY20 Actuals	FY21 Approved Budget	FY22	Variance	% Change
			Approved Budget		
Personnel Services	\$ 457,298	\$ 1,203,402	\$ 1,360,034	\$ 156,632	13.0%
Administrative Support Services	\$ 4,233	\$ 175,148	\$ 107,916	\$ (67,232)	-38.4%
Total Expenditures	\$ 461,531	\$ 1,378,550	\$ 1,467,950	\$ 89,400	6.5%

Net Investment	\$ (461,531)	\$ (1,378,550)	\$ (1,467,950)	\$ (89,400)	6.5%
-----------------------	---------------------	-----------------------	-----------------------	--------------------	-------------



TRWD manages the 400-acre Eagle Mountain Park that features 6 miles of hiking trails

TIF Revenues and Debt for the Panther Island/Central City Project

In May 2018 a special bond election was held and approved by the voters to issue \$250M in bonds to finance the remaining outstanding local share of the Panther Island/Central City Project. This \$250M will be repaid by The City of Fort Worth Tax Increment Reimbursement Zone Number Nine (TIF9) in accordance with the project costs funding agreement, hence, we have both the TIF revenue and debt service expense shown in the Special Projects/Contingency fund. The table below illustrates how the TIF Revenues collected will directly offset the budgeted debt expenditures for FY22. See Pages 66 - 75 for details of what work is planned for 2022.

Debt Service	FY20 Actuals	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change
TIF Revenues	\$ 6,581,130	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	-22.8%
Debt Service Expenditures	\$ 4,654,718	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	22.8%
Change in Debt Services Equity	\$ 1,926,412	\$ -	\$ -	\$ -	0.0%

As of FY20 no debt has been issued. The expenses shown above are project costs that were paid using the TIF Revenues as there were not enough project costs to require debt issuances.

Special Projects/Contingency Fund - Panther Island/Central City Project

Below is a summary of the planned expenses for the Panther Island/Central City project for FY 2022. All of the TRWD - Panther Island/Central City Project costs will be paid by bonds or current TIF revenues.

TRWD - Panther Island/Central City Project Budget 2022

USACE - Central City Flood Control Project	Approved 2021 Budget	Projected Year End 2021	Approved 2022 Budget
Land Acquisition	\$2,495,261	\$2,144,759	\$4,743,862
Flood Control Cash Match	\$0	\$0	\$0
Relocation	\$358,366	\$50,000	\$2,897,973
Demolition	\$3,989,423	\$635,445	\$1,202,119
Environmental	\$1,073,842	\$1,388,322	\$466,625
Program Management	\$2,175,417	\$2,075,471	\$2,098,645
Total USACE Project	\$10,092,309	\$6,293,997	\$11,409,224
Local Projects			
Marine Creek/Stockyards Connection	\$0	\$0	\$0
Bypass Local Share	\$2,948,713	\$0	\$2,948,713
Total Local Projects	\$2,948,713	\$0	\$2,948,713
Total Panther Island/Central City Project Budget 2022	\$13,041,022	\$6,293,997	\$14,357,937

Special Projects/Contingency Fund - Panther Island/Central City Project

Plan B - Shovel Ready Plan - North and South Channel Design and Construction readiness

	2022	2023	2024	2025	2026	2027	Total
USACE - Central City Flood Control Project							
Land Acquisition	\$4,743,862	\$0	\$0	\$0	\$0	\$0	\$4,743,862
Flood Control Cash Match	\$0	\$6,043,288	\$8,690,000	\$4,520,000	\$0	\$0	\$19,253,288
Relocation	\$2,897,973	\$116,291	\$0	\$0	\$0	\$0	\$3,014,264
Demolition	\$1,202,119	\$1,832,910	\$0	\$2,457,492	\$125,085	\$0	\$5,617,606
Environmental	\$466,625	\$139,145	\$351,956	\$17,269	\$0	\$0	\$974,995
Program Coordination	\$2,098,645	\$1,945,180	\$1,937,368	\$1,078,120	\$667,810	\$0	\$7,727,123
Subtotal USACE - Central City Flood Control Project	\$11,409,224	\$10,076,814	\$10,979,324	\$8,072,881	\$792,895	\$0	\$41,331,138
Local Projects							
Bypass Local Share	\$2,948,713	\$0	\$7,388,633	\$7,260,743	\$1,191,612	\$0	\$18,789,701
Subtotal Local Projects	\$2,948,713	\$0	\$7,388,633	\$7,260,743	\$1,191,612	\$0	\$18,789,701
Contingency							
Local	\$0	\$242,464	\$5,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$35,242,464
Total Plan B - TRWD	\$14,357,937	\$10,319,278	\$23,367,957	\$25,333,624	\$11,984,507	\$10,000,000	\$95,363,303

Plan A Minimum Federal Eligibility Plan - North Channel Design and Construction and South Design only readiness

2022	
USACE - Central City Flood Control Project	
Land Acquisition	\$2,495,261
Flood Control Cash Match	\$0
Relocation	\$536,366
Demolition	\$1,034,688
Environmental	\$465,211
Program Coordination	\$2,098,645
Total Plan A - TRWD	\$6,630,171

Plan C - Unconstrained Fully Funded

	2022	2023	2024	2025	2026	2027	2028	2029	2030	Total
USACE - Central City Flood Control Project										
Land Acquisition	\$4,743,862	\$521,964	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,265,826
Flood Control Cash Match	\$0	\$6,043,288	\$8,690,000	\$4,520,000	\$0	\$0	\$0	\$0	\$0	\$19,253,288
Relocation	\$3,467,104	\$116,291	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$3,583,395
Demolition	\$1,770,967	\$3,039,812	\$568,026	\$2,457,492	\$125,085	\$0	\$0	\$0	\$0	\$7,961,382
Environmental	\$466,625	\$811,733	\$688,254	\$353,567	\$336,298	\$0	\$0	\$0	\$0	\$2,656,477
Program Coordination	\$2,098,645	\$1,945,180	\$1,937,368	\$1,078,120	\$667,810	\$0	\$0	\$0	\$0	\$7,727,123
Subtotal USACE - Central City Flood Control Project	\$12,547,203	\$12,478,268	\$11,883,648	\$8,409,179	\$1,129,193	\$0	\$0	\$0	\$0	\$46,447,491
Local Projects										
Marine Creek Lock	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,015,474	\$8,229,902	\$10,245,376
Bypass Local Share	\$2,948,713	\$0	\$7,388,633	\$7,260,743	\$1,191,612	\$0	\$0	\$0	\$0	\$18,789,701
Subtotal Local Projects	\$2,948,713	\$0	\$7,388,633	\$7,260,743	\$1,191,612	\$0	\$0	\$2,015,474	\$8,229,902	\$29,035,077
Contingency										
Local	\$0	\$242,464	\$5,000,000	\$10,000,000	\$10,000,000	\$10,000,000	\$0	\$0	\$0	\$35,242,464
Total Plan C - TRWD	\$15,495,916	\$12,720,732	\$24,272,281	\$25,669,922	\$12,320,805	\$10,000,000	\$0	\$2,015,474	\$8,229,902	\$110,725,032

Special Projects/Contingency Fund - Panther Island/Central City Project

Below is an outline of the City of Fort Worth's anticipated participation based on Plans A, B and C. Additionally we have noted the USACE's ask for fiscal year 2022.

City of Fort Worth Participation by Plan

Plan A-Minimum Federal Eligibility Plan

City of Fort Worth	\$23,330,331
--------------------	--------------

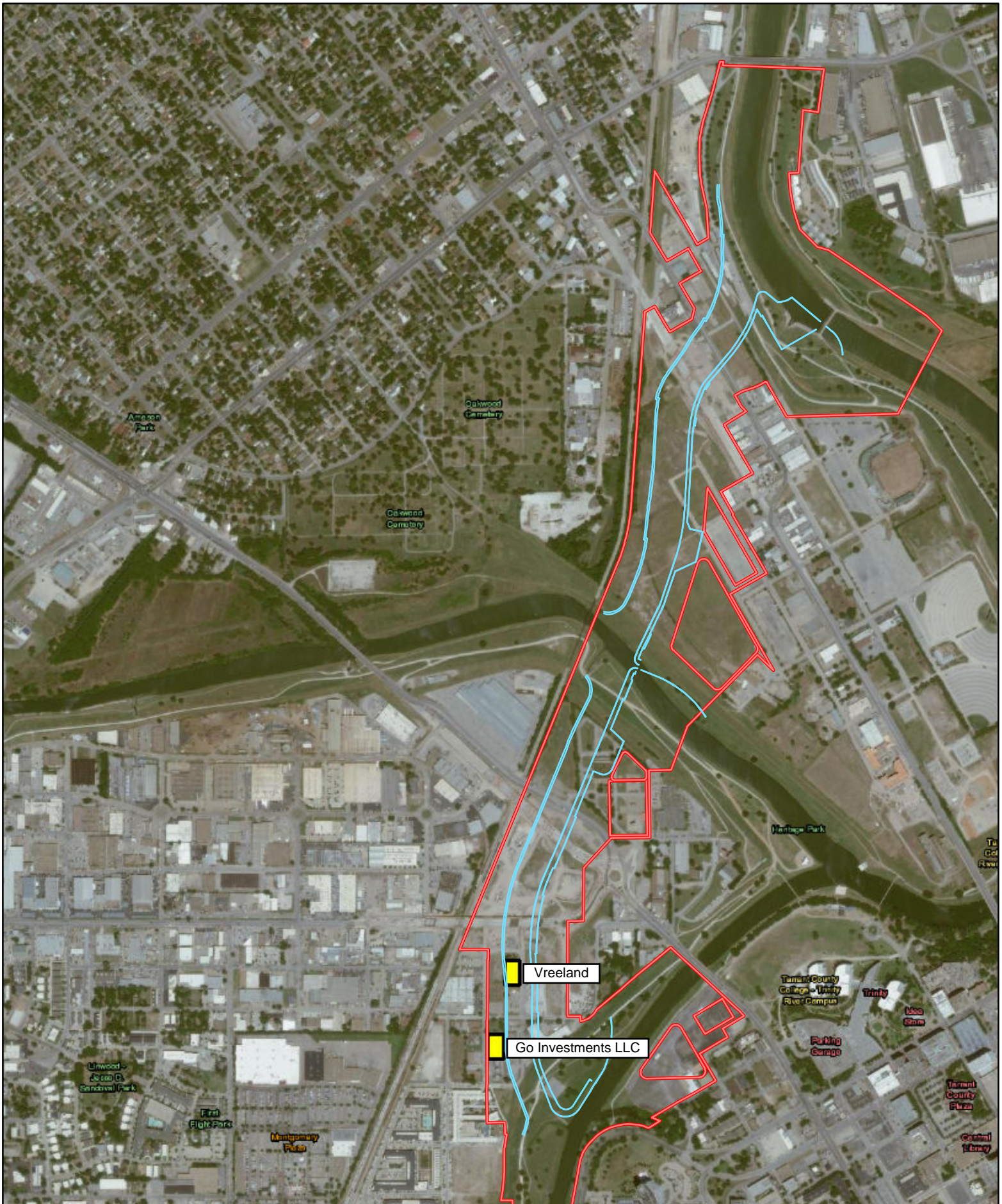
Plan B-Shovel Ready North and South Channel

City of Fort Worth	\$27,194,784
--------------------	--------------

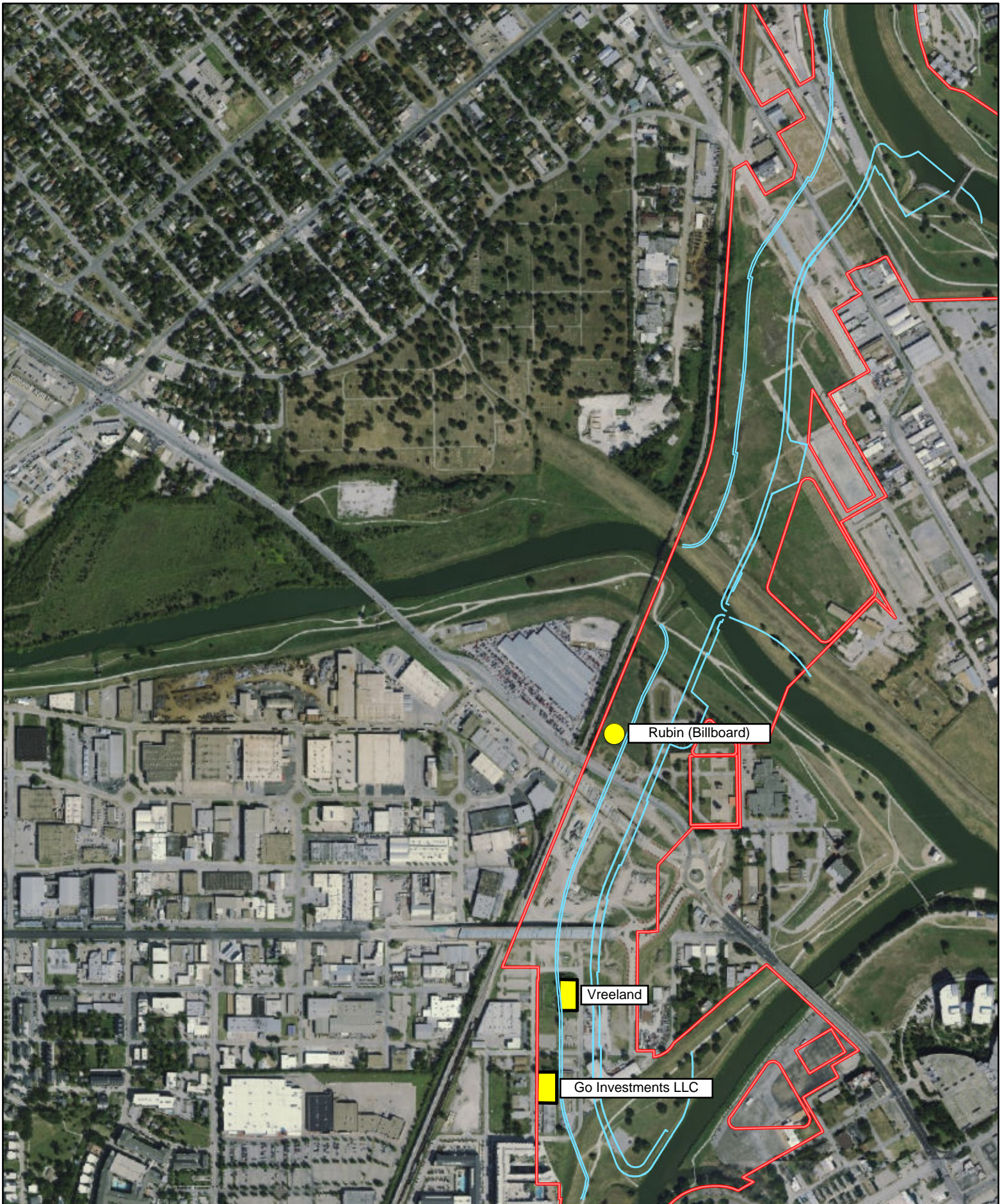
Plan C-Unconstrained, Fully Funded Plan

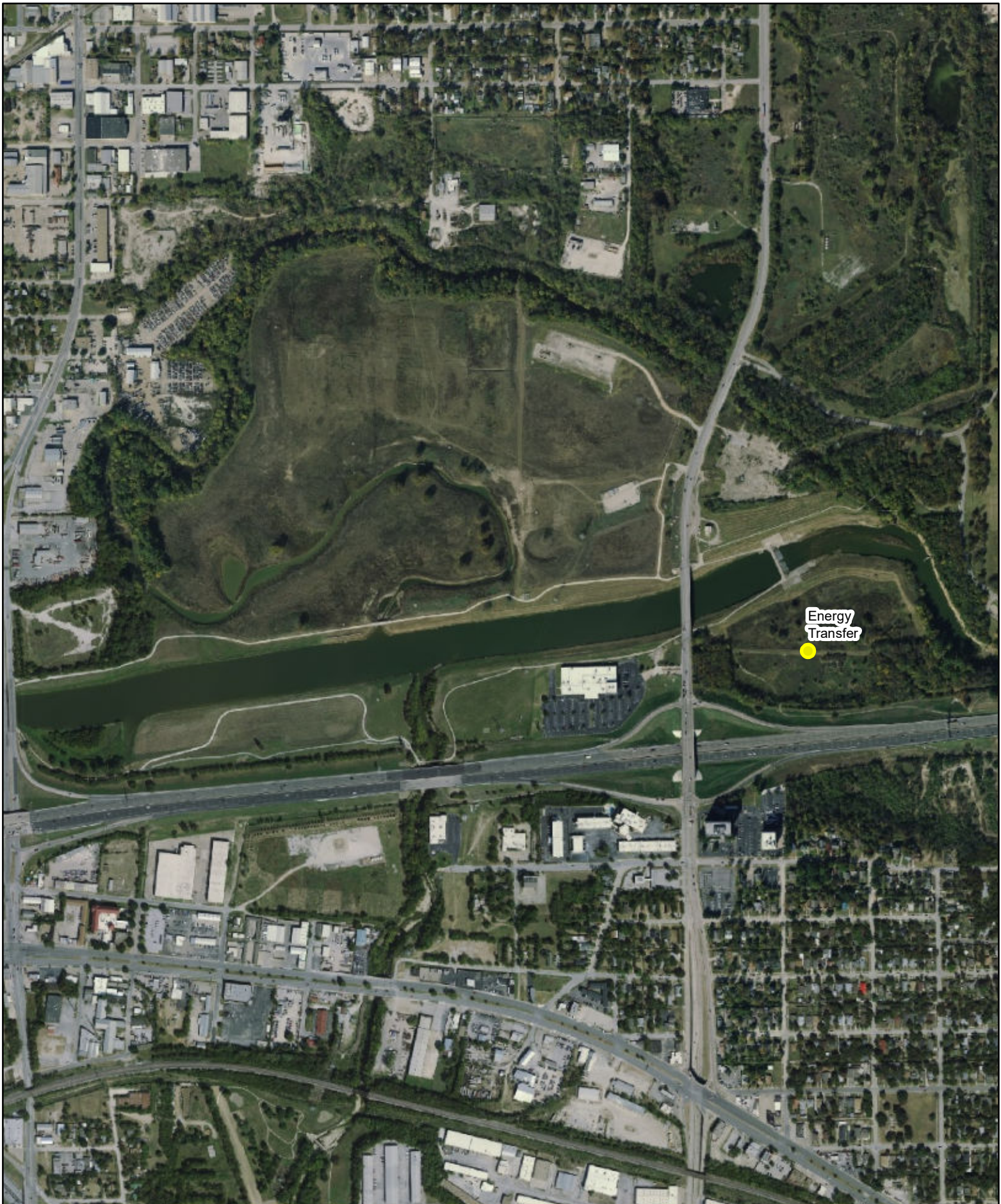
City of Fort Worth	\$30,697,805
--------------------	--------------

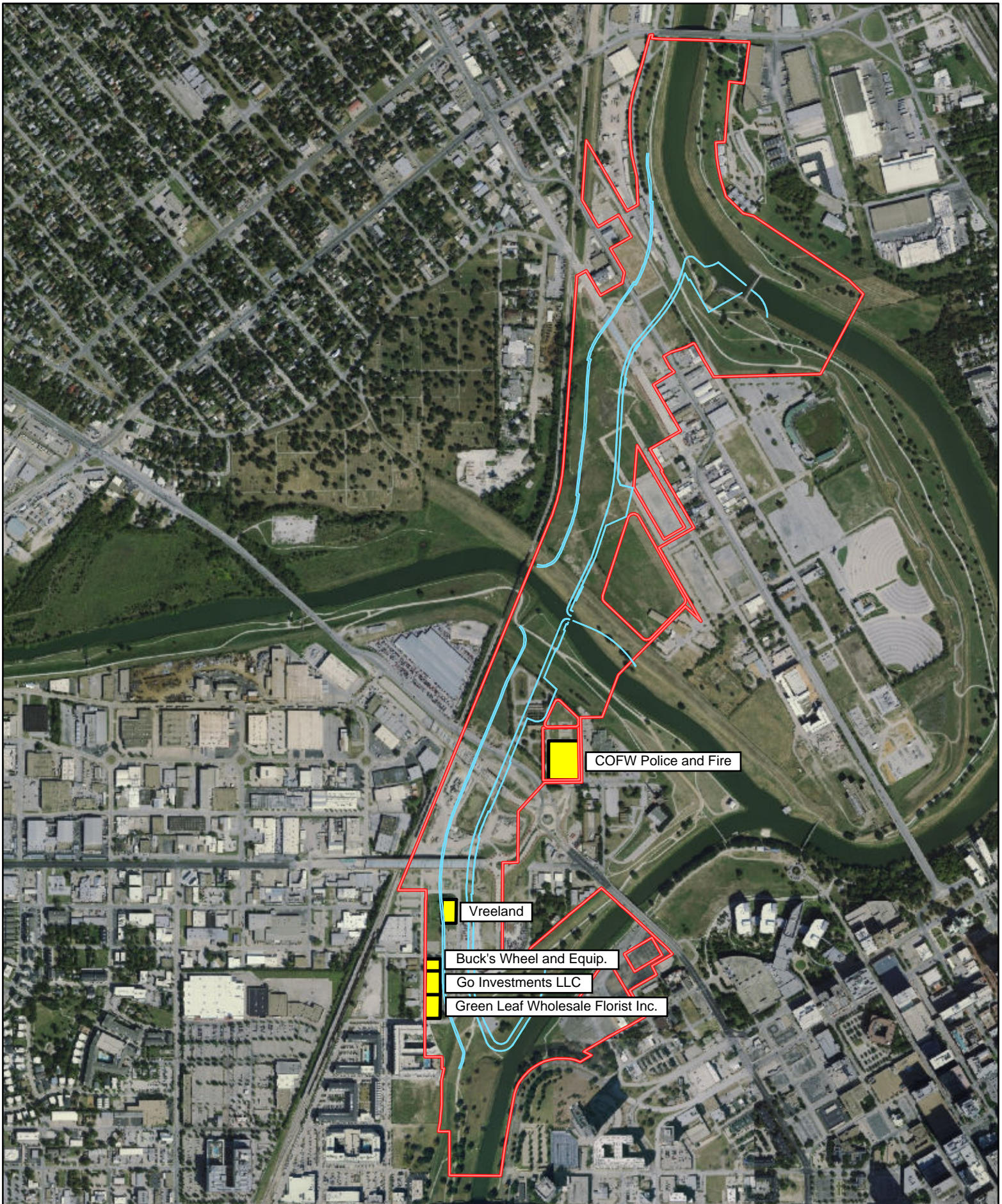
USACE's FY22 Fed Ask for the Central City/Panther Island Project = \$40,900,000

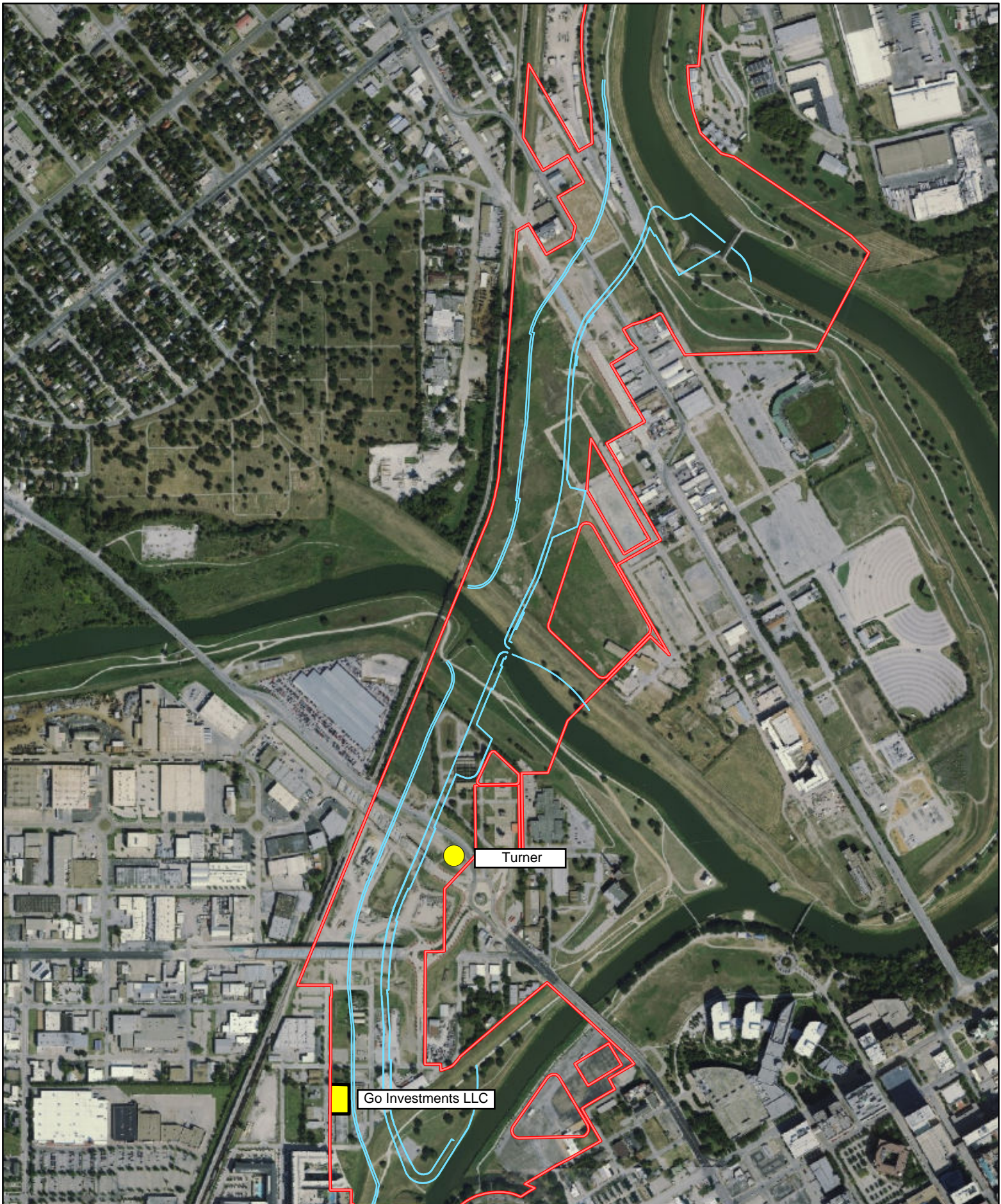












Special Projects/Contingency Fund - FY22 Budget Summary

Revenue	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	
Oil and Gas Revenues	\$ 6,000,000	\$ 6,000,000	\$ -	0.0%	
Interest Income	\$ 460,000	\$ 100,000	\$ (360,000)	-78.3%	1
Other Income	\$ 1,041,637	\$ 832,246	\$ (209,391)	-20.1%	2
Total Revenues	\$ 7,501,637	\$ 6,932,246	\$ (569,391)	-7.6%	

Expenditures	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	
Capital Expenditures	\$ -	\$ 787,500	\$ 787,500	100.0%	3
Consulting Services	\$ -	\$ 100,000	\$ 100,000	100.0%	4
Panther Island/Central City Canal	\$ -	\$ 225,000	\$ 225,000	100.0%	5
Net Recreation Expenses	\$ 1,229,165	\$ 2,341,260	\$ 1,112,095	90.5%	6
Total Expenditures	\$ 1,229,165	\$ 3,453,760	\$ 2,224,595	181.0%	

Debt Service - Panther Island/ Central City Project	FY21 Approved Budget	FY22 Approved Budget	Variance	% Change	
TIF Revenues	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	22.8%	7
Debt Service Expenditures	\$ 5,439,849	\$ 6,680,455	\$ 1,240,606	22.8%	7
Total Debt Service	\$ -	\$ -	\$ -	100.0%	

Budgeted Net Increase to Equity	\$ 6,272,472	\$ 3,478,486	\$ (2,793,986)	-44.5%	
--	---------------------	---------------------	-----------------------	---------------	--

Variance Explanations

1 Interest Income

This decrease is due to lower interest rates.

2 Other Income

Previous budgets included income from lease notes and interest earned on cash held in trust for General Fund purposes that is not available for the Special Projects/Contingency fund.

3 Capital Expenditures

This is the second payment of property purchased for a future stormwater canal.

4 Consulting Services

This budget is for potential consulting work related to land along the floodway.

5 Panther Island/Central City Canal Design and Construction

This budget includes building the canal lift and the design and engineering related to detention credits for property owners along the canal.

6 Net Recreation Expenses

The majority of this increase is due to approximately \$1M of additional trailhead and recreation infrastructure projects in FY22.

7 TIF Revenues/ Debt Service Expenditures

The increase in TIF Revenue is due to expected increases in property values. The Debt Service is budgeted to align with TIF Revenues so as to only use TIF Revenues for Debt Service.