

#### MEMORANDUM

Meeting Date: June 23, 2020

Item No. B-2

**To:** Capital Improvements Advisory Committee

From: Alonzo Liñán, Director of Public Works

Subject: STATUS REPORT FOR IMPACT FEE PROGRAMS

October 1, 2018 thru September 30, 2019

The current impact fees amounts are based on an impact fee study by Freese and Nichols, Inc. dated March 2015 (and adopted by Council June 2, 2015). The study identifies a list of capital projects for which impact fees can be used between 2014 and 2024. The study assumed an annual growth rate of 2%. The study's capital project list is not the annually adopted capital project improvement budget, nor does it set project scope or project budget which is adopted by Council. The study identifies the maximum impact fee amount that can be collected per project. The actual amount impact fee collected in each category is shown in the table below.

As it relates to the use of impact fees, the city transfers impact fee funds quarterly into capital projects which is reflected in the following tables. In doing so, a funding commitment of impact fees to a project is equivalent to an approved expenditure, regardless of the year-to-date spending on the project. The fiscal year expenditures impacted by the policy are indicated with an asterisk (\*). The expected expenditures of impact fees reflect the transfer amounts, rather than year-to-date expenditures of the project which is addressed in separate tables in the report. As it relates to capital budgets in the summary schedule of adopted project revenues and expenditures tables below, capital projects use project life budgeting; meaning funds are available until the project is closed out. Both the transfer of impact fees and project life budgeting are based upon financial policies and budget amendments adopted by Council during FY 2015-16. The financial policies have been re-adopted for FY 2018-19.

Table 1-1 - Assessment Rate by Service Unit (S.U.s) As Adopted by Council on June 2, 2015								
Assessment Collected Rates / S.U.s Collection Rate  Rates / S.U.  Collected Rates / S.U.s divided by Assessment Rate								
Water	\$	2,918.00	\$ 979.10	1				
Wastewater	\$	1,835.00	\$ 918.00	50.0%				
Roadway:			Res / Non-Res / Ret	Res / Non-Res / Ret				
North \$ 3,082.00 34.2% / 20.3% / 3								
South	\$	1,720.00	\$860.00/626.18/263.09	50% / 36.4% / 15.3%				

Table 1-2 - Service Units (S.U.s) Collected and Collection for June 2, 2015 through September 30, 2019										
Impact Fee Projected S.U.'s/ 52 Collected SUs % S.U.s Collected Amount Collected										
Water	1,785	976.2	54.7%	\$	1,143,069					
Wastewater	2,231	867.8	38.9%	\$	927,086					
Roadway:										
North	North 2,573 1,413.8 54.9% \$ 1,019,053									
South	3,491	3,124.6	89.5%	\$	1,702,817					

### WATER SYSTEM IMPACT FEE AND CAPITAL PROJECTS SUMMARY

The following table provides water impact fee collection for the two six-month periods of each fiscal year along with a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

	Table 2-1 - Water Impact Fee Collections by Fiscal Year 6 Month & 12 Month Activity								
Fiscal Year	Impact Fees Collected Oct. thru Mar.	Impact Fees Collected Apr. thru Sept.	Impact Fees Collected Oct. thru Sept.	Fund Balance					
FY 2013-14	313,090	173,842	486,932	4,341,719					
FY 2014-15	145,926	101,198	247,124	4,160,740					
FY 2015-16	132,338	154,502	286,840	2,540,445					
FY 2016-17	188,281	101,533	289,814	(269,226)					
FY 2017-18	61,781	114,917	176,699	32,950					
FY 2018-19	111,226	191,512	302,738	459,031					
6-Year Total	\$ 952,642	\$ 837,504	\$ 1,790,146						
6-Year Average	\$ 158,774	\$ 139,584	\$ 298,358						

The following table provides water impact fee expenditures for the two six-month periods of each fiscal year along a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

Tab	Table 2-2 - Water Impact Fee Expensed by Fiscal Year 6 Month & 12 Month Activity							
Fiscal Year	Impact Fees Expensed Oct. thru Mar.	Impact Fees Expensed Apr. thru Sept.	Impact Fees Expensed Oct. thru Sept.					
FY 2013-14	108,339	144,712	253,051					
FY 2014-15	23,997	404,105	428,103					
FY 2015-16*	164,116	1,743,019	1,907,135					
FY 2016-17*	1,549,743	1,549,743	3,099,485					
FY 2017-18*	50,000	50,000	100,000					
FY 2018-19*	-	-	-					
6-Year Total	\$ 1,896,195	\$ 3,891,579	\$ 5,787,774					
6-Year Average	\$ 316,032	\$ 648,597	\$ 964,629					

The following table outlines the existing water distribution system projects that supply capacity needed for the 10-year planning period (2014-2024) as derived by the most recent impact fee study. It also outlines the proposed capital improvement projects to be needed within the next ten (10) years with the estimates percent utilization for that planning period.

Table 2-3 - Water Distribution System Improvements 2014-2024

Cost Allocation for Impact Fee Calculations

Percent Utilization Costs Based of										
l						Current	10-Year			
No.	Description of Project	2014	2024*	2014-2024	Capital Cost	Development	(2014-2024)			
	EXISTING									
Α	3.0 MG Pearson Ground Storage Tank	15%	65%	50%	\$1,779,010	\$266,852	\$889,505			
В	Pearson Pump Station Improvements	75%	90%	15%	\$1,197,400	\$898,050	\$179,610			
С	Knox Elevated Storage Tank	60%	85%	25%	\$2,059,216	\$1,235,530	\$514,804			
D	Keller-Smithfield Elevated Storage Tank	75%	90%	15%	\$2,074,509	\$1,555,882	\$311,176			
E	16-inch Lower Pressure Plane Water Line	75%	90%	15%	\$3,084,977	\$2,313,733	\$462,747			
F	12-inch Lower Pressure Plane Water Line	55%	85%	30%	\$2,757,117	\$1,516,414	\$827,135			
G	12-inch Upper Pressure Plane Water Line	10%	70%	60%	\$232,000	\$23,200	\$139,200			
Н	12-inch Rufe Snow Water Line	50%	85%	35%	\$204,000	\$102,000	\$71,400			
- 1	12-inch Upper Pressure Plane Water Line	25%	55%	30%	\$200,000	\$50,000	\$60,000			
J	Water Impact Fee Study	0%	100%	100%	\$42,000	\$0	\$42,000			
Existin	ng Project Sub-total				\$13,630,229	\$7,961,660	\$3,497,577			
		PROPOS	ED							
1	12-inch Water Lines in Upper Pressure Plane	25%	60%	35%	\$320,600	\$80,150	\$112,210			
2a	Alta Vista Pump Station Expansion to 18 MGD	15%	40%	25%	\$5,521,200	\$828,180	\$1,380,300			
2b	Fort Worth Water Delivery Capital Cost Recovery	0%	40%	40%	\$1,216,440	\$0	\$486,576			
3	30-inch Alta Vista Pump Station Water Line	0%	40%	40%	\$5,472,000	\$0	\$2,188,800			
4	12-inch Water Lines in Upper Pressure Plane	0%	60%	60%	\$884,600	\$0	\$530,760			
5	12-inch Johnson Road Water Line	20%	70%	50%	\$743,900	\$148,780	\$371,950			
6	16-inch Mt. Gilead and Bancroft Road and 12-inch Keller-Smithfield Road Water Line	55%	95%	40%	\$1,933,200	\$1,063,260	\$773,280			
7	16-inch Florence Road Water Line	10%	65%	55%	\$1,229,600	\$122,960	\$676,280			
8	8-inch Lower Pressure Plane Water Line	0%	5%	5%	\$219,000	\$0	\$10,950			
9	Pearson Pump Station Upper Pressure Plane Expansion	0%	20%	20%	\$905,700	\$0	\$181,140			
10	12-inch Florence Road Water Line	15%	50%	35%	\$1,100,900	\$165,135	\$385,315			
11	12-inch Bear Creak Parkway Water Line	10%	55%	45%	\$707,000	\$70,700	\$318,150			
12	12-inch and 16-inch South Upper Pressure Plane Water Lines	45%	60%	15%	\$632,100	\$284,445	\$94,815			
Propo	sed Project Sub-total	•	•		\$20,886,240	\$2,763,610	\$7,510,526			
Total	Capital Improvements Cost				\$34,516,469	\$10,725,270	\$11,008,103			
	* Utilization in 2014 on Proposed Projects indicates a portion of the pr	oiect that wil	be used to a	dress deficienc	<del></del>	ing system, and ther				

<sup>\*</sup> Utilization in 2014 on Proposed Projects indicates a portion of the project that will be used to address deficiencies within the existing system, and therefore are not eligible for impact fee cost recovery for future growth.

Projects A through J are existing Water projects. The \$3,497,577 of the total \$13,630,229 cost for these projects is attributed to growth in the 10-year planning period or about 25.7%.

Proposed Water projects 1 through 12 anticipated for construction during 2014-2024 and the existing Water projects together cost an estimated total of \$34,516,429. A total of \$11,008,103 is attributed to growth in the 10-year planning period. Therefore, about 31.9% of the total cost of these improvements is for the capacity to serve expected development during the planning period.

Prior, current, and proposed use of impact fees for active and recently closed capital projects are listed in the table below. The numbers in parenthesizes next to the project name provides a reference to the capital project listing in the study.

Table 2-4	I – Use of W	later impact Fe	es By Pro	ject and Fiscal Ye	
Project/Fiscal Year	Use o	of Impact Fees	Tot	al Budget	% Budget = Impa fees
	Pro	ject Closed Du	ring FY 20:	18	
N/A					
		Currently Active	e Projects		
	a Vista Pum	p Station Impr	ovements		
FY 16		778,505		778,505	100.0%
FY 17		-		1,630,000	0.0%
Total	\$	778,505	\$	2,408,505	32.3%
	۸ ا+ - ۱ /:	ata Tuanansiasia	N/ain /2	/ [DD]	
FV 4.C	Alta VI	sta Transmissio	n iviain (3	,	400.00/
FY 16		1,042,715		1,042,715	100.0%
FY 17	•	2,949,485	•	4,579,485	64.4%
Total	\$	3,992,200	\$	5,622,200	71.0%
12-	Inch Water	Lines In Upper	Pressure	Plane (4) [DR]	
FY 17		200,000		200,000	100.0%
FY 18		<u> </u>		150,000	0.0%
Total	\$	200,000	\$	350,000	57.1%
	Highwa	ay 377 12" Wat	er Lines (4		
FY 18		100,000		100,000	100.0%
FY 19		-		800,000	0.0%
Total	\$	100,000	\$	900,000	11.1%
		On-Hold Pro	niects		
N/A		OH HOIG FI	ojecto -		
N/A					
		Upcoming Pr	ojects*		
otal All Water Projects	\$	5,070,705	\$	9,280,705	54.6%

<sup>\* -</sup> Upcoming Projects have been placed on the City's five-year Capital Improvements Plan. The projects have not been approved and no funds have been appropriated by City Council.

The table below provides a summary of City Council adopted capital projects which use impact fee funds. Included is a brief discussion of the variance between the Council adopted project budget and the capital project listing on the study. The numbers in parenthesizes next to the project name provides a reference to the capital project listing on the study.

Table 2-5 - Summary Schedule of Adopted Water Capital Project Revenues and Expenditures

Line-Item Description	Project Budg		Activity thru September 30, 2019		\$	Remaining	% Transferred / Expenses
	Alta	Vista Pump S	Station	Improvements (2a	& 2b) [ւ	JC]	
Impact Fees Debt Issuance		778,505 6,491,495		778,505 6,757,200		- (265,705)	100.0% 104.1%
Total Revenues	\$	7,270,000	\$	7,535,705	\$	(265,705)	103.7%
% of Project = Impact Fees		10.7%		10.3%			
Engineering/Design Construction		778,505 -		1,218,427		(439,922)	156.5% 0.0%
Building Improvements Right of Way Legal		6,491,495 - -		6,296,771 - -		194,724 - -	97.0% 0.0% 0.0%
Total Expenditures	Ş	7,270,000	\$	7,515,199		(245,199)	103.4%

Impact Fee CIP Cost Allocation \$

6,737,640

Reason for Variance:

Council has fully funded this project.

Alta Vista Transmission Main Improvements (3) [DR]								
Impact Fees		3,992,200	3,992,200	-	100.0%			
Debt Issuance		3,737,800	3,737,800	-	100.0%			
Total Revenues	\$	7,730,000 \$	7,730,000 \$	-	100.0%			
% of Project = Impact Fees		51.6%	51.6%					
Engineering/Design		1,042,715	1,095,158	(52,443)	105.0%			
Construction		6,537,285	6,051,557	485,728	92.6%			
Right of Way		150,000	128,766	21,234	85.8%			
Legal		-	-	-	0.0%			
Total Expenditures	\$	7,730,000 \$	7,275,481	454,519	94.1%			

Impact Fee CIP Cost Allocation \$

5,472,000

**Reason for Variance:** 

The difference is the amount of budget/funding that has been transferred to date versus the amount of cost assumed to develop the Impact Fee rates.

Line-Item Description	Project Budget		Activity thru September 30, 2019		\$1	Remaining	% Transferred / Expenses
	<b>12</b> -l	nch Water Lii	nes in l	Jpper Pressure Plan	e (4) [D	R]	
Impact Fees Water-Wastewater Fund		200,000 150,000		200,000 150,000		- -	100.0% 100.0%
Total Revenues	\$	350,000	\$	350,000	\$	-	100.0%
% of Project = Impact Fees		57.1%		57.1%			
Engineering/Design Special/Other Services		50,000		36,067 20,020		13,933 (20,020)	72.1% 0.0%
Construction Right of Way		300,000		96 3,250		299,904 (3,250)	0.0% 0.0%
Legal Total Expenditures	\$	350,000	\$	59,434		290,566	0.0% <b>17.0%</b>

Impact Fee CIP Cost Allocation \$

**Reason for Variance:** 

Council has only adopted project costs of \$350,000 to date related to initial phases of the project.

Highway 377 12" Water Lines (4) [NS]								
Impact Fees		100,000		100,000		-	100.0%	
Debt Issuance		900,000		-		900,000	0.0%	
Total Revenues	\$	1,000,000	\$	100,000	\$	900,000	10.0%	
% of Project = Impact Fees		10.0%		100.0%				
Engineering/Design		-		91,382		(91,382)	0.0%	
Construction		1,000,000		-		1,000,000	0.0%	
Right of Way		-		-		-	0.0%	
Legal		-		-		-	0.0%	
Total Expenditures	\$	1,000,000	\$	91,382		908,618	9.1%	

Impact Fee CIP Cost Allocation \$

884,600

884,600

**Reason for Variance:** 

Council has only adopted project costs of \$100,000 to date related to initial phases of the project.

Water Impact Fee Project Usage Summary									
Total Impact Fees \$ 5,070,705 \$ 5,070,705 - 100.0% Total Other Funding Sources \$ 11,279,295 \$ 10,645,000 634,295 94.4%									
Total Revenues	\$	16,350,000	\$	15,715,705 \$	634,295	96.1%			
% of Project = Impact Fees		31.0%		32.3%					

# WASTEWATER SYSTEM IMPACT FEE AND CAPITAL PROJECTS SUMMARY

The following table provides Wastewater impact fee collection for the two six-month periods of each fiscal year along with a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

	Table 3-1 - Wastewater Impact Fee Collections by Fiscal Year 6 Month & 12 Month Activity									
Fiscal Year	Impact Fees   Impact Fees Collected   Impact Fees									
FY 2013-14	332,155	166,761	498,916	3,508,598						
FY 2014-15	143,098	91,329	234,427	3,207,975						
FY 2015-16	116,556	115,484	232,040	4,481,776						
FY 2016-17	129,897	85,885	215,782	2,970,713						
FY 2017-18	81,519	104,652	186,171	3,214,589						
FY 2018-19	92,167	130,999	223,166	3,503,237						
6-Year Total	\$ 895,392	\$ 695,109	\$ 1,590,501							
6-Year Average	\$ 149,232	\$ 115,852	\$ 265,084							

The following table provides Wastewater impact fee expenditures for the two six-month periods of each fiscal year along a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

Table	Table 3-2 - Wastewater Impact Fee Expensed by Fiscal Year 6 Month & 12 Month Activity									
Fiscal Year	scal Year  Impact Fees Expensed Oct. thru Mar.  Impact Fees Expensed Apr. thru Sept.									
FY 2013-14	389,129	145,922	535,050							
FY 2014-15	84,435	(1,126,197)	(1,041,761)							
FY 2015-16*	9,200	1,717,645	1,726,845							
FY 2016-17*	337,500	1,017,565	1,355,065							
FY 2017-18*	-	-	-							
FY 2018-19*	-	-	-							
6-Year Total	\$ 820,264	\$ 1,754,935	\$ 2,575,200							
6-Year Average	\$ 136,711	\$ 292,489	\$ 429,200							

The following table outlines the existing wastewater collection system projects that supply the capacity needed for the 10-year planning period (2014-2024) as derived by the most recent impact fee study. It also outlines the proposed capital improvement projects to be needed within the next ten (10) years with the estimated percent utilization for that planning period.

Table 3-3 - Wastewater Collection System Improvements 2014-2024

Cost Allocation for Impact Fee Calculations

		I	Percent Utiliz	ation	Costs Based on 2014 Dollars					
						Current				
No.	Description of Project	2014	2024*	2014-2024	Capital Cost	Development	10-Year (2014-2024)			
EXISTING										
Α	Marshall Branch West Lift Station and Interceptor	35%	80%	45%	\$1,855,759	\$649,516	\$835,092			
В	Marshall Branch East Lift Station and Interceptor	40%	85%	45%	\$1,611,295	\$644,518	\$725,083			
С	Big Bear East Branch Interceptor	5%	55%	50%	\$1,582,758	\$79,138	\$791,379			
	Katy Road Lift Station and Sanitary Sewer	200/	909/	F00/	Ć1 0E0 440	ĆE 07.03E	¢070 735			
D	Improvements	30%	80%	50%	\$1,959,449	\$587,835	\$979,725			
E	Wastewater Impact Fee Study	0%	100%	100%	\$42,000	\$0	\$42,000			
xistii	ng Project Sub-total				\$7,051,261	\$1,961,006	\$3,373,278			
			PROPO	OSED						
1	8-inch and 12-inch Big Bear East Wastewater	0%	65%	65%	¢702.000	\$0	£457.340			
1	Interceptor	076	65%	65%	\$703,600	\$0	\$457,340			
2	North Big Bear East Septic Elimination Lines	0%	30%	30%	\$636,800	\$0	\$191,040			
3	Southwest Marshall Branch Septic Elimination Lines	0%	40%	40%	\$1,979,200	\$0	\$791,680			
4	West Big Bear East Septic Elimination Lines	0%	30%	30%	\$1,204,000	\$0	\$361,200			
5	Big Bear East Wastewater Improvements	0%	40%	40%	\$1,280,700	\$0	\$512,280			
6	12-inch to 18-inch Big Bear Wastewater Interceptor	0%	50%	50%	\$1,377,300	\$0	\$688,650			
7	North Branch of Big Bear Wastewater Interceptor	0%	25%	25%	\$744,800	\$0	\$186,200			
8	Big Bear West Collector Replacement	30%	45%	15%	\$427,400	\$128,220	\$64,110			
9	8-inch and 10-inch Wastewater Lines in Western Big	30%	60%	30%	\$200,400	¢116 E20	\$116,520			
9	Bear Southwest	30%	60%	30%	\$388,400	\$116,520	\$116,320			
10	Cade Branch Interceptor	0%	55%	55%	\$288,000	\$0	\$158,400			
11	Big Bear East Assorted Septic Eliminations	0%	35%	35%	\$1,506,200	\$0	\$527,170			
12	Big Bear West Interceptor Replacement	85%	90%	5%	\$465,800	\$395,930	\$23,290			
13	Big Bear Southwest Interceptor Replacement	85%	95%	10%	\$441,400	\$375,190	\$44,140			
14	Big Bear South 1 Interceptor Replacement	85%	90%	5%	\$305,000	\$259,250	\$15,250			
15	Little Bear East Interceptor Replacement	90%	95%	5%	\$360,600	\$324,540	\$18,030			
16	Big Bear South 2 Interceptor Replacement	90%	100%	10%	\$233,300	\$209,970	\$23,330			
17	8-inch Northern Marshall Branch East Wastewater Line	0%	20%	20%	\$385,600	\$0	\$77,120			
18	Big Bear East Central Septic Elimination Lines	0%	45%	45%	\$611,200	\$0	\$275,040			
19	Northern Big Bear East Septic Elimination Lines	0%	40%	40%	\$1,200,600	\$0	\$480,240			
20	Melody Hills Estates Septic Elimination Lines	0%	45%	45%	\$945,900	\$0	\$425,655			
Propo	sed Project Sub-total		•		\$15,485,800	\$1,809,620	\$5,436,685			
Total	Capital Improvements Cost				\$22,537,061	\$3,770,626	\$8,809,963			

<sup>\*</sup> Utilization in 2014 on Proposed Projects indicates a portion of the project that will be used to address deficiencies within the existing system, and therefore are not eligible for impact fee cost recovery for future growth.

Wastewater projects A through E are existing. The \$3,373,279 of the total \$7,051,261 cost for these projects is attributed to the 10-year planning period or about 47.8%.

Proposed Wastewater projects 1 through 20 anticipated for construction during 2014-2024 and the existing wastewater projects together cost an estimated total of \$22,537,061. A total of \$8,809,964 is attributed to the 10-year planning period. Therefore, about 39.1% of the total cost of these improvements is for the capacity to serve expected development during the planning period.

Prior, current, and proposed use of impact fees for active and recently closed capital projects are listed in the table below. The numbers in parenthesizes next to the project name provides a reference to the capital project listing on the study.

Table 3-4 – I	Table 3-4 – Use of Wastewater Impact Fees By Project and Fiscal Year										
Project/Fiscal Year	Use o	f Impact Fees		Total Budget	% Budget = Impact fees						
	Pro	ject Closed Dur	ing F	Y 2018							
Old Town Keller Construction* [CC]		185,000		204,775	90.3%						
	(	Currently Active	Proj	ects							
Big B	ear East Co	llectors (1,2,4)	[CC]	(Manor Way area)							
FY 16		731,675		3,027,000	24.2%						
Total	\$	731,675	\$	3,027,000	24.2%						
Marsh	all Branch E	Collectors (3) [	CC]	(Summer Lane area)							
FY 15		78,780		2,550,780	3.1%						
FY 16		745,220		745,220	100.0%						
Total	\$	824,000	\$	3,296,000	25.0%						
Dia Da	C t l . l		. /c\ l	[CC] (C [-+-+]							
	ear Central I	nterceptor Ph I	I (6)		10.10/						
FY 16	ć	49,750	<u>,                                      </u>	259,805	19.1%						
Total	\$	49,750	<b>&gt;</b>	259,805	19.1%						
	FM 1709 Sa	nitary Sewer Re	plac	ement (6) [DR]							
FY 15		-	•	50,000	0.0%						
FY 17		600,000		600,000	100.0%						
Total	\$	600,000	\$	650,000	92.3%						
	Dia Door Fo	On-Hold Pro									
FY 17	DIR DEGI EG	st Collector Line 75,000	= EXU	75,000 75,000	100.0%						
Total	\$	75,000 <b>75,000</b>	Ś	75,000 <b>75,000</b>	100.0%						
Total	<del>,</del>	75,000	<del>7</del>	75,000	100.070						
		Upcoming Pro	ojects	٥^							
N/A											
Total All Projects	\$	2,465,425	\$	7,512,580	32.8%						

<sup>\* -</sup> Big Bear West Collector Replacement Project (8) is part of the Old Town Keller West project which has a budget of \$4,250,000.

<sup>^ -</sup> Upcoming Projects have been placed on the City's five-year Capital Improvements Plan. The projects have not been approved and no funds have been appropriated by City Council.

The table below provides a summary of City Council adopted capital projects which use impact fee funds. Included is a brief discussion of the variance between the Council adopted project budget and the capital project listing on the study. The numbers in parenthesis next to the project name provides a reference to the capital project listing on the study.

Table 3-5 - Summary Schedule of Adopted Wastewater Capital Project Revenues and Expenditures

Line-Item Description	Pro	oject Budget	Activity thru September 30. 2019		\$ Remaining	% Transferred / Expenses	
		Big Bear	East Co	ollectors (1,2,4) [CC	*		
Impact Fees		731,675		731,675		-	100.0%
TWDB Bonds		2,295,325		2,295,325		-	100.0%
Other Revenue		-		86,500		(86,500)	0.0%
Total Revenues	\$	3,027,000	\$	3,113,500	\$	(86,500)	102.9%
% of Project = Impact Fees		24.2%		23.5%			
Engineering/Design		531,672		531,672		(0)	100.0%
Construction		2,383,452		2,803,097		(419,645)	117.6%
Right of Way		72,225		72,225		(0)	100.0%
Legal		39,651		39,651		0	100.0%
Total Expenditures	\$	3,027,000	\$	3,446,646		(419,646)	113.9%

Impact Fee CIP Cost Allocation \$
Reason for Variance: Th

2,544,400

The cost estimate in the study assumed a 20% contingency added to the base construction costs to cover all elements necessary for the scope of the project; items like pavement repair, service lines, restoration, landscaping and traffic control. For this project, those elements represented an approximate 55% addition to base construction costs.

Line-Item Description	Project Budget		Activity thru September 30, 2019		\$ Remainii	ng	% Transferred / Expenses			
Marshall Branch East Collector Line Improvements (3) [CC]*										
Impact Fees		824,000		824,000		-	100.0%			
TWDB Bonds		2,472,000		2,472,000		-	100.0%			
Total Revenues	\$	3,296,000	\$	3,296,000	\$	-	100.0%			
% of Project = Impact Fees		25.0%		25.0%						
Engineering/Design		306,468		309,503		(3,035)	101.0%			
Mains and Services		-		-		-	0.0%			
Construction		2,182,899		2,938,970	(75	56,071)	134.6%			
Legal		32,597		32,597	•	(0)	100.0%			
Total Expenditures	\$	2,521,964	\$	3,281,070	(75	59,106)	130.1%			

Impact Fee CIP Cost Allocation \$

1,979,200

**Reason for Variance:** 

The cost estimate in the study assumed a 20% contingency added to the base construction costs to cover all elements necessary for the scope of the project; items like pavement repair, service lines, restoration, landscaping and traffic control. For this project, those elements represented

	Big Bear Central Interceptor Ph II (6) [DR]									
Impact Fees		49,750		49,750		-	100.0%			
Other Funding Sources		210,055		210,055		-	100.0%			
Total Revenues	\$	259,805	\$	259,805	\$	-	100.0%			
% of Project = Impact Fees		19.1%		19.1%						
Engineering/Design		49,750		30,261		19,489	60.8%			
Mains and Services		210,055		277,292		(67,237)	132.0%			
Right of Way		-		-		-	0.0%			
Legal		-		-		-	0.0%			
Total Expenditures	\$	259,805	\$	307,553		(47,748)	118.4%			

Impact Fee CIP Cost Allocation \$

1,377,300

**Reason for Variance:** 

Council has only adopted project costs of \$259,805 to date related to initial phases of the project.

		Old Town	Keller (8) [CC]		
Impact Fees		-	-	-	0.0%
General Fund		-	-	-	0.0%
Drainage Fund		-	-	-	0.0%
Street Maintenance Fund		-	-	-	0.0%
Total Revenues	\$	- \$	- \$	-	0.0%
% of Project = Impact Fees	#DIV/0!		#DIV/0!		
Engineering/Design		-	144,969	(144,969)	0.0%
Street Improvements		-	3,794,792	(3,794,792)	0.0%
Mains and Services		-	272,814	(272,814)	0.0%
Drainage Improvements		-	215,758	(215,758)	0.0%
Total Expenditures	\$	- \$	4,428,333	(4,428,333)	0.0%

Project status code descriptions:

Not Started - NS Under Design/

Engineering/ROW - DR

	Old Town Keller (8) - Wastewater Portion Only [CC]								
Impact Fees		-	185,000		(185,000)	0.0%			
Other Funding Sources		204,775	19,775		185,000	9.7%			
Total Revenues	\$	204,775 \$	204,775	\$	-	100.0%			
% of Project = Impact Fees		0.0%	90.3%						
Engineering/Design		-	-		-	0.0%			
Mains and Services		204,775	204,775		-	100.0%			
Right of Way		-	-		-	0.0%			
Legal		-	-		-	0.0%			
Total Expenditures		204,775	204,775		-	100.0%			

Impact Fee CIP Cost Allocatic \$

427,400

**Reason for Variance:** 

The cost estimate in the study assumed a 20% contingency added to the base construction costs to cover all elements necessary for the scope of the project; items like pavement repair, service lines, restoration, landscaping and traffic control. For this project, those elements represented an approximate 60% addition to base construction costs.

	FM 1709 SS Replacement (6) [DR]									
Impact Fees Water-Wastewater Fund		600,000 50,000		600,000		- 50,000	100.0% 0.0%			
Total Revenues	\$	650,000	\$	600,000	\$	50,000	92.3%			
% of Project = Impact Fees		92.3%		0.0%						
Engineering/Design		50,000		-		50,000	0.0%	ļ		
Construction		600,000		-		600,000	0.0%			
Right of Way		-		-		-	0.0%			
Legal		-		-		-	0.0%			
Total Expenditures	\$	650,000	\$	-		650,000	0.0%			

Impact Fee CIP Cost Allocatic \$

1,377,300

Reason for Variance:

Council has only adopted project costs of \$650,000 to date related to initial phases of the project.

	Big Bear East Collector Line Extension (5) [NS] (On Hold)									
Impact Fees		75,000		75,00	0	-	100.0%			
Total Revenues	\$	75,000	\$	75,00	0 \$	-	100.0%			
% of Project = Impact Fees	1	100.0%		0.0%						
Engineering/Design		75,000			_	75,000	0.0%			
Construction		-			-	-	0.0%			
Right of Way		-			-	-	0.0%			
Legal		-			-	-	0.0%			
Total Expenditures	\$	75,000	\$		-	75,000	0.0%			

Impact Fee CIP Cost Allocatic \$

1,280,700

**Reason for Variance:** 

Council has only adopted project costs of \$75,000 to date related to design phase of the project.

Project status code descriptions:

Not Started - NS

Under Design/ Engineering/ROW - DR Under Construction - UC Construction Complete - CC Closed Out - CO Future Project - FP

Wastewater Impact Fee Project Usage Summary^									
Total Impact Fees		2,280,425	2,465,425		(185,000)	108.1%			
Total Other Funding Sources		5,232,155	5,083,655		148,500	97.2%			
Total Revenues	\$	7,512,580 \$	7,549,080	\$	(36,500)	100.5%			
% of Project = Impact Fees		30.4%	32.7%						

<sup>\* -</sup> The three TWDB projects are currently still split between funds as they were near completion at the time of the FY 2015-16 financial polices. Once all the projects are officially closed out, an amendment may be approved by Council to move the projects into one fund and to make any necessary budget adjustments.

<sup>^ -</sup> Reflects only wastewater

# **ROADWAY SYSTEM IMPACT FEE AND CAPITAL PROJECTS SUMMARY**

The following table provides impact fee collection for the two six-month periods of each fiscal year along with a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

Table 4-1	Table 4-1A - North Roadway Impact Fee Collections by Fiscal Year 6 Month & 12 Month Activity									
Fiscal Year	Collected Oct. thru Apr. thru Se		Impact Fees Collected Apr. thru Sept.	Impact Fees Collected Oct. thru Sept.						
FY 2013-14		186,259	227,330	413,589						
FY 2014-15		164,204	113,265	277,469						
FY 2015-16		181,278	126,872	308,150						
FY 2016-17		87,516	133,410	220,927						
FY 2017-18		103,070	94,013	197,083						
FY 2018-19		149,606	68,981	218,587						
6-Year Total	\$	871,933	\$ 763,872	\$ 1,635,805						
6-Year Average	\$	145,322	\$ 127,312	\$ 272,634						

Table 4-1	Table 4-1B - South Roadway Impact Fee Collections by Fiscal Year 6 Month & 12 Month Activity										
Fiscal Year	Impact Fees Collected Oct. thru Mar.	Impact Fees Collected Apr. thru Sept.	Impact Fees Collected Oct. thru Sept.								
FY 2013-14	218,173	206,325	424,498								
FY 2014-15	175,447	74,905	250,352								
FY 2015-16	176,455	451,299	627,754								
FY 2016-17	112,976	108,051	221,027								
FY 2017-18	122,577	134,384	256,961								
FY 2018-19	184,245	216,416	400,661								
6-Year Total	\$ 989,873	1,191,380	\$ 2,181,253								
6-Year Average	\$ 164,979	\$ 198,563	\$ 363,542								

		way Impact Fee Collection	ns by Fiscal Year								
	6 Month & 12 Month Activity										
Fiscal Year	Impact Fees Collected Oct. thru Mar.	Impact Fees Collected Apr. thru Sept.	Impact Fees Collected Oct. thru Sept.	Fund Balance							
FY 2013-14	404,432	433,655	838,087	4,034,472							
FY 2014-15	339,651	188,170	527,821	4,866,615							
FY 2015-16	357,733	578,171	935,904	5,389,944							
FY 2016-17	200,492	241,462	441,953	6,346,999							
FY 2017-18	225,646	228,397	454,044	6,953,958							
FY 2018-19	333,851	285,398	619,249	6,591,968							
6-Year Total	\$ 1,861,805	\$ 1,955,252	\$ 3,817,058								
6-Year Average	\$ 310,301	\$ 333,971	\$ 636,176								

The following table provides impact fee expenditures for the two six-month periods of each fiscal year along with a total of twelve month activity for the current and prior five fiscal years. In addition, the six year total and average is provided.

Table 4-2	Table 4-2A - North Roadway Impact Fee Expensed by Fiscal Year 6 Month & 12 Month Activity										
Fiscal Year		mpact Fees nsed Oct. thru Mar.	Impact Fees Expensed Apr. thru Sept.	Impact Fees Expensed Oct. thru Sept.							
FY 2013-14		-	14,846	14,846							
FY 2014-15		2,862	8,738	11,599							
FY 2015-16*		-	-	-							
FY 2016-17*		-	-	-							
FY 2017-18*		231,250	231,250	462,500							
FY 2018-19*		500,000	500,000	1,000,000							
6-Year Total	\$	734,112	\$ 754,833	\$ 1,488,945							
6-Year Average	\$	122,352	\$ 125,806	\$ 248,158							

Table 4-2	Table 4-2B - South Roadway Impact Fee Expensed by Fiscal Year 6 Month & 12 Month Activity									
Fiscal Year	Expense	act Fees ed Oct. thru Mar.	Impact Fees Expensed Apr. thru Sept.	Impact Fees Expensed Oct. thru Sept.						
FY 2013-14		-	14,846	14,846						
FY 2014-15		2,862	8,738	11,599						
FY 2015-16*		-	1	-						
FY 2016-17*		-	1	-						
FY 2017-18*		-	-	-						
FY 2018-19*		62,500	62,500	125,000						
6-Year Total	\$	65,362	\$ 86,083	\$ 151,445						
6-Year Average	\$	10,894	\$ 14,347	\$ 25,241						

The following table outlines the existing roadway system projects that supply the capacity needed for the 10-year planning period (2014-2024) as derived by the most recent impact fee study. These are noted as "recoup" under the project status column. It also outlines the proposed capital improvement projects that are needed in the next ten (10) years to address the new growth demand. The table separates the calculations into the North Area (seen on Table 4-2 as Service Area A) and the South Area (seen on Table 4-2 as Service Area B).

Table 4-3 - 2014 Keller Roadway Impact Fee Study Update
Roadway Impact Fee Capital Improvements Plan

Serv	QР	Reference	,			Project	Length	No. of	Type	Pct in		Study Update	Serv Area
Area	Origin	CIP No.	Roadway	Fram	То	Status	(mi)	Lanes	Rdwy	Serv. Area	Project Cost*	Cost	Total Cost
Α	2004	1	Johnson Road	US 377	Hallelujah	Recoup	1.58	2	UCS	50%	\$2,029,504	\$1,072	\$2,030,57
A	2004	2	Johnson Road	Hallelujah	Keller Smithfield	New	0.38	4	UC4	100%	\$1,976,500	\$1,135	\$1,977,63
A	2004	3	Mt. Gliead	US 377	Roanoke	New	1.49	4	UC4	100%	\$9,461,944	\$4,449	\$9,466,39
A	2009	4a	Bourfand Road	Johnson	Mt. Gilead	New	1.01	4	UC4	100%	\$6,142,560	\$3,029	\$6,145,58
A	2009	4b	Bourland Road	Mt. Gilead	Marshall Ridge	Recoup	0.19	2	UCS	100%	\$415,413	\$259	\$415,67
A	2004	5	Keller Smithfield	Johnson	FM 1709	Recoup	0.51	4	UC4	100%	\$268,500	\$1,523	\$270,02
A	2004	6	Rufe Snow Drive	FM 1709	Johnson	New	0.49	4	DA	50%	\$1,211,997	\$1,039	\$1,213,03
<u>A</u>	2004	7	Pearson Lane	Florence	City Limits	New	1.78	4	UC4	100%	\$11,363,607	\$5,315	\$11,368,92
Sub-total S.	AA						7.44				\$32,870,024	\$17,820	\$32,887,84
В	2004	8	Bourfand Road	FM 1709	Johnson	Recoup	0.55	4	DA	100%	\$1,845,210	\$2,333	\$1,847,54
В	2004	9	North Tarrant Parkway	US 377	Whitley	Recoup	0.22	6	PDA	100%	\$1,030,959	\$1,568	\$1,032,52
В	2004	10	North Tarrant Parkway	Whitley	City Limits	Recoup	1.49	6	PDA	100%	\$7,319,481	\$10,617	\$7,330,00
В	2004	11	Bear Creek Parkway	Keller Smithfield	Davis	Recoup	2.14	4	DA	100%	\$2,736,917	\$9,076	\$2,745,96
В	2004	12	Bear Creek Parkway	Keller Smithfield	Rule Snow	Recoup	0.62	4	DA	100%	\$2,738,269	\$2,642	\$2,740,9
В	2004	13	Rufe Snow Drive	FM 1709	Bear Creek	Recoup	0.21	6	PDA	100%	\$449,812	\$1,482	\$451,2
В	2004	6	Rufe Snow Drive	Johnson	FM 1709	New	0.49	4	DA	50%	\$1,211,997	\$1,039	\$1,213,0
В	2004	14	Rufe Snow Drive	Bear Creek	Rapp	Recoup	1.35	4	PDA	100%	\$7,936,400	\$6,413	\$7,942,8
В	2004	15	Keller Smithfield Road	FM 1709	Wayside	Recoup	0.12	4	DA	100%	\$522,495	\$509	\$523,00
В	2004	16	Keller Smithfield Road	Wayside	Bear Run	Recoup	0.44	4	DA	100%	\$4,236,688	\$1,849	\$4,238,5
В	2004	17	Keller Smithfield Road	Bear Run	Shady Grove	New	1.32	4	DA	100%	\$8,226,070	\$5,596	\$8,231,6
В	2004	18	Keller Smithfield Road	Shady Grove	North Tarrant Parkway	Recoup	0.51	2	UA	100%	\$368,622	\$960	\$369,5
В	2004	19	Keller Smithfield Road	Shady Grove	North Tarrant Parkway	New	0.51	2	UA	100%	\$1,924,910	\$960	\$1,925,8
В	2004	20	Rapp Road	US 377	Rule Snow	New	1.43	4	DA	100%	\$10,298,114	\$6,065	\$10,304,1
В	2004	1	Johnson Road	US 377	Halleluish	Recoup	1.58	2	ucs	50%	\$2,029,504	\$1,072	\$2,030,5
Sub-total S.	A B						12.99				\$52,875,447	\$52,180	\$52,927 ß
Totals:							20.42				\$85,745,472	\$70,000	\$85,815,4
Notes:													
PDA-			divided arterial facility	Recoup									
DA-			rterial facility	New		la basella sa							
UA- DC-			d arterial facility		* TXDOT Project, City part	cipation							
UC4-		Divided collector facility  Undivided collector facility  A land											
		Undivided collector facility - 4 lane											
UCS-		UndMder	d collector with center turn	n-lane									

North Roadway projects cost an estimated \$32,870,025 of which an amount of \$8,797,705 is attributed to the 10-year planning period. Therefore, about 26.8% of the total cost of these improvements is for the capacity to serve expected development during the planning period. In addition, an impact fee study cost of \$17,820 is included in the 10-year planning period for a total cost of \$8,815,525.

South Roadway projects cost an estimated \$52,875,448 of which an amount of \$13,987,917 is attributed to the 10-year planning period. Therefore, about 26.5% of the total cost of these improvements is for the capacity to serve expected development during the planning period. In addition, an impact fee study cost of \$52,180 is included in the 10-year planning period for a total cost of \$14,040,097.

Prior, current, and proposed use of impact fees for active and recently closed capital projects are listed in the table below. The numbers in parenthesis next to the project name provides a reference to the capital project listing on the study.

Table 4-4A -	- Use of	North Impact F	ees By	y Project and Fiscal Ye	ear	
Project/Fiscal Year	Use	of Impact Fees		Total Budget	% Budget = Impac fees	
	Pr	oject Closed Du	ring F	Y 2018		
N/A						
		Currently Active	e Proje	ects		
Johnson Road/Keller-						
Smithfield Roundabout (2,		462,500		925,000		50.0%
5) [DR]						
Johnson Road		1,000,000		2,000,000		50.0%
Reconstruction [RS to KS] (2)				· · ·		30.070
Total	\$	1,462,500	\$	2,925,000	50.0%	
		On Hold Dr	ai a ata			
N1/A		On-Hold Pro	ojecis			
N/A						
		Upcoming Pr	ojects	*		
Bourland Road/Mt. Gilead		462 E00		925,000		50.0%
Roundabout [RS to KS] (4)		462,500		925,000		30.0%
Mt. Gilead/Roanoke Rd		462,500		925,000		50.0%
Roundabout (3) Bourland Road		+02,300		J23,000		30.070
Reconstruction [MTG to B]		1,000,000		2,000,000		50.0%
(4a)			_			
Total	\$	1,925,000	\$	3,850,000	50.0%	
Total All Projects	\$	3,387,500	\$	6,775,000	50.0%	

Table 4-4B – Use of South Impact Fees By Project and Fiscal Year									
Project/Fiscal Year	Use	of Impact Fees	get	% Budget = Ir fees	npact				
	Pr	oject Closed Dur	ring FY 2018						
N/A									
		Currently Active	e Projects						
Bear Creek / Keller- Smithfield Signal (12, 15, 16)		125,000		250,000		50.0%			
Total	\$	125,000	\$	250,000	50.0%				
		On-Hold Pro	ojects						
N/A									
		Upcoming Pro	ojects*						
N/A									
Total All Projects	\$	125,000	\$	250,000	50.0%				

- 1 Project cost split between both North and South as it impacts both service areas.
- 2 Rufe Snow and Johnson Road intersection is located at the border of the North and South section, therefore costs are split between the two service areas.

The table below provides a summary of City Council adopted capital projects which use impact fee funds. Included is a brief discussion of the variance between the Council adopted project budget and the capital project listing on study. The numbers in parenthesis next to the project name provides a reference to the capital project listing on the study.

Table 4-5 - Summary Schedule of Adopted Roadway Capital Project Revenues and Expenditures

Line-Item Description	em Description     Project Budget     '		ty thru September 30, 2019	' S Remaining		% Transferred / Expenses	
	John	son Road/Kel	ler-Smi	thfield Roundabou	t (2, 5) [DR]		
Impact Fees		462,500		462,500		-	100.0%
General Fund		231,250		231,250		-	100.0%
Street Maintenance Fund		231,250		231,250		-	100.0%
Total Revenues	\$	925,000	\$	925,000	\$	-	100.0%
% of Project = Impact Fees		50.0%		50.0%			
Engineering/Design		325,000		125,187		199,813	38.5%
Construction		600,000		-		600,000	0.0%
Right of Way		-		-		-	0.0%
Legal		-		-		-	0.0%
Total Expenditures	\$	925,000	\$	125,187		799,813	13.5%

Impact Fee CIP Cost Allocatic \$ Reason for Variance:
Project status code descriptions: 2,423,994

Not Started - NS

Under Design/ Engineering/ROW - DR

Under Construction - UC Construction Complete - CC

Closed Out - CO Future Project - FP

<sup>\* -</sup> Upcoming Projects have been placed on the City's five-year Capital Improvements Plan. The projects have not been approved and no funds have been appropriated by City Council.

Line-Item Description	Pro	oject Budget	Activity thru September 30, 2019		\$ Rer	maining	% Transferred / Expenses
		Johnson Roa	d Rec	onstruction [RS to K	S] (2)		
Impact Fees General Fund		1,000,000 1,000,000		1,000,000 1,000,000		-	100.0% 100.0%
Total Revenues	\$	2,000,000	\$	2,000,000	\$	-	100.0%
% of Project = Impact Fees		50.0%		50.0%			
Engineering/Design		-		113,989		(113,989)	0.0%
Construction		2,000,000		-		2,000,000	0.0%
Right of Way		-		-		_	0.0%
Legal		-		-		-	0.0%
Total Expenditures	\$	2,000,000	\$	113,989		1,886,011	5.7%

Impact Fee CIP Cost Allocatic \$ Reason for Variance:

2,423,994

Bear Creek / Keller-Smithfield Signal (12, 15, 16)								
Impact Fees		125,000		125,000	-	100.0%		
General Fund		125,000		125,000	-	100.0%		
Total Revenues	\$	250,000	\$	250,000	\$ -	100.0%		
% of Project = Impact Fees		50.0%		50.0%				
Engineering/Design		_		-	-	0.0%		
Construction		250,000		31,673	218,327	12.7%		
Right of Way		-		-	-	0.0%		
Legal		-		-	-	0.0%		
Total Expenditures	\$	250,000	\$	31,673	218,327	12.7%		

Impact Fee CIP Cost Allocatic \$ Reason for Variance:

2,423,994

#### CONCLUSIONS AND RECOMMENDATIONS

It is staff's opinion that the collection of impact fee service units over the 52-month period from June 2, 2015 thru September 30, 2019 is at an acceptable level and the capital improvements program is proceeding in a reasonable manner. Based on the percentage of collection being well below the 100% assessed level, we feel the chance of over collecting is improbable. The capital improvements program is proceeding in a reasonable manner with considerable capacity needs in each category during the planning period being supplied by projects already completed.