



City of Franklin, Tennessee

FY 2020 Operating Budget

Engineering & Traffic Operations Center

Paul P. Holzen, Director

Budget Summary

Engineering							
	2017 Actual	2018 Actual	2019		2020 Budget	2019 v. 2020	
			Budget	Estimated		\$	%
Personnel	1,124,690	1,270,688	1,415,846	1,366,754	1,447,278	31,432	2.2%
Operations	-132,726	-155,002	-132,552	-88,122	-30,186	102,366	-77.2%
Capital	0	0	0	0	0	0	0.0%
Total	991,964	1,115,686	1,283,294	1,278,632	1,417,092	133,798	10.4%

Traffic Operations Center (TOC)							
	2017 Actual	2018 Actual	2019		2020 Budget	2019 v. 2020	
			Budget	Estimated		\$	%
Personnel	284,756	340,472	401,685	435,663	392,132	-9,553	-2.4%
Operations	492,853	395,675	547,632	489,628	535,378	-12,254	-2.2%
Capital	31,951	432,053	2,711,000	194,135	2,400,000	-311,000	-11.5%
Total	809,560	1,168,200	3,660,317	1,119,426	3,327,510	-332,807	-9.1%

Department Summary

This budget contains operations for two separate functions: Engineering & Traffic Operations Center.

ENGINEERING

The Engineering Department plans for the future infrastructure needs of the City of Franklin and consists of three divisions - Engineering, Traffic Operations and Stormwater.

The Engineering Division manages both City-funded and private infrastructure projects. The Engineering Division works with other City departments, TDOT, various utility providers, elected officials, and the public to ensure that our infrastructure is designed and installed properly and that it meets all local, state and federal standards and guidelines.

The Traffic Operations Division manages the transportation network within the City of Franklin. They currently oversee our Congestion Management Program, Traffic Count Program, Traffic Calming Program, and assist with both public and private infrastructure projects.

The Stormwater Division helps the City maintain compliance with mandates set by the federal (EPA) and state (TDEC) governments to minimize stormwater runoff pollution. Under the Clean Water Act of 1972, the Environmental Protection Agency (EPA) requires municipalities like Franklin to manage stormwater. The City has received a Phase II Municipal Separate Storm Sewer System (MS4) Permit from the Tennessee Department of Environment and Conservation (TDEC) to allow Franklin to discharge stormwater into nearby rivers and streams.



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Department Summary (continued)

TRAFFIC OPERATIONS CENTER (TOC)

A goal of the Traffic Operations Division is to perform timing optimizations for signal systems. Currently there are five major systems in the City - Cool Springs Area (McEwen, Mallory Lane, Carothers Parkway and Cool Springs Blvd), SR 96 E (Murfreesboro Rd./Royal Oaks), Downtown (Main St, Fifth Ave, SR96 West), Hillsboro Road and Columbia Ave. Traffic counts and turning movement counts are obtained at all signalized intersections within a three year window. These counts are then used to perform signal system timing optimizations.

The Traffic Operations Center (TOC) provides traffic management services to the City of Franklin. The center currently manages 114 traffic signals and 22 Closed Circuit Television (CCTV) cameras. In past years the TOC has worked towards providing better traffic flow throughout the City through the Congestion Management Program. That program requires data collection at each of those intersections every three years and optimizing the signal timing in each of the City's main corridors.

The TOC will be addressing new challenges as we move into the future. First will be the Comprehensive Transportation Network Plan which will study the transportation network with attention to the roadway network, bike and pedestrian facilities and transit. This study will replace the traditional Major Thoroughfare Plan Update and will provide a more complete planning document for use by the City in applying for Federal Highway Administration or Federal Transit Administration funding. The second challenge is to deploy an Adaptive Traffic Signal Control System in the Cool Springs Area. This action will provide the benefits of constant signal optimization.

Congestion Management Program:

Traffic Counts or Data Collection have been and continue to be the most basic building blocks of any traffic management system. With the rapid growth and development of the City of Franklin in the recent past, traffic volumes have also grown and developed. This program was designed to perform "turning movement counts" for each peak hour at each of our signalized intersections every three years.

Currently there are five major systems in the City:

- 1) Cool Springs Area (McEwen, Mallory Lane, Carothers Parkway and Cool Springs Blvd)
- 2) SR 96 E (Murfreesboro Rd./Royal Oaks)
- 3) Downtown Franklin (Main St, Fifth Ave, SR96 West)
- 4) Hillsboro Road
- 5) Columbia Ave.

The data collected is used to develop traffic signal timing plans that will best move traffic with highest degree of safety and minimal delay. By utilizing traffic modeling software, we develop intersection timing plans that best manage those rush hour flows. A 2005 Institute of Transportation Engineers White Paper on Benefits of Retiming Traffic Signals states, "An operating agency with a budget to retime traffic signals every three years, especially in developing areas and/or areas with sustained growth, will maintain a high quality of traffic operations."



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Department Summary (continued)

STORMWATER (Budget contained within Stormwater Fund)

The City of Franklin is granted authorization to discharge stormwater through its stormwater infrastructure and into receiving water bodies through a NPDES permit issued by the EPA and administered through TDEC. A condition of this permit coverage is that six minimum control measures are met by the end of the permit cycle. The City is required annually to submit an “annual report”, which is essentially a report to document the progress the City is making towards meeting its current permit requirements. Current minimum control measures are:

- 1) Public Education and Outreach
- 2) Public Involvement and Participation
- 3) Illicit Discharge Detection and Elimination
- 4) Construction Site Stormwater Runoff Control
- 5) Permanent Stormwater Management in Development and Redevelopment
- 6) Pollution Prevention for Municipal Operations

In addition to the above minimum control measures the City is required to do annual ambient monitoring which includes:

- 1) Macroinvertebrate Sampling
- 2) E.Coli Sampling

Performance Measures

How a community utilizes its resources must be governed in accordance with its citizens wishes and its plans for the future. Therefore, the City of Franklin has established **FranklinForward : A Vision for 2033**. This Strategic Plan has specific and demonstrable objectives for each department which, when achieved individually, will cohesively move Franklin forward to meet the challenges and demands of the future. Each budget has a series of performance measures and benchmarks attached to it which demonstrate the workload, effectiveness and outcome of taxpayer support for the annual operations of the City of Franklin and its pursuit of the goals of the Strategic Plan. Together, these measures demonstrate a proper and diligent use of taxpayer dollars in the pursuit of a greater community.



FranklinForward : A Vision for 2033 | Objectives for Developing a Strategic Plan

Theme: Quality Life Experiences



Meeting transportation needs: Franklin will have a diverse transportation network that promotes, provides, and supports safe and efficient mobility choices for all, including driving, public transit, walking, and biking.



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Performance Measures (con't)



FranklinForward : A Vision for 2033 | Objectives for Developing a Strategic Plan

Theme: Quality Life Experiences

Goal: Implement our Congestion Management Program by coordinating traffic signals to insure optimum travel speed, reduce delay, reduce energy and fuel consumption and minimize stops. The City currently has five coordinated signal systems that include: Cool Springs Area (McEwen, Mallory Lane, Carothers Parkway and Cool Springs Blvd), SR 96 E (Murfreesboro Rd./Royal Oaks), Downtown Franklin (Main St, Fifth Ave, SR96 West), Hillsboro Road, Columbia Ave.

Baseline: Implement new traffic counts and signal timing plans on one coordinate system per year. A 2005 Institute of Transportation Engineers White Paper on Benefits of Retiming Traffic Signals states, "An operating agency with a budget to retime traffic signals every 3 years, especially in developing areas and/or areas with sustained growth, will maintain a high quality of traffic operations."

Workload (Output) Measures

	Last Signal Timing Update
1) Cool Springs Area	2017
2) SR 96 E	2015
3) Downtown Franklin	2017
4) Hillsboro Road	2018
5) Columbia Ave	2017

Theme: A Safe, Clean and Livable City



Franklin will be a model for environmental quality and a sustainable City

Goal: Meet or exceed the minimum compliance of our NPDES MS4 permit to protect our national resources.

Baseline: Complete four public education and outreach events per year.

Baseline: Complete four public involvement and participation events per

Baseline: Complete illicit discharge detection and elimination on 20% of our watershed yearly.

Baseline: Inspect 100% of our active construction sites monthly for EPSC compliance.

Baseline: Inspect 20% of the City's permanent stormwater management facilities.

Baseline: Complete annual ambient monitoring to include Macroinvertebrate Sampling, E.Coli Sampling and complete 20% watershed Visual Stream Assessments.

Workload (Output) Measures

	2016	2017	2018	2019*	2020*
Number of public education and outreach events completed.	2	9	43	TBD	TBD
Number of public involvement and participation events completed.	2	2	6	TBD	TBD
Percentage of Watershed completed for illicit discharge detection and elimination.	0%	10%	20%	TBD	TBD
Percentage of active construction sites	100%	100%	100%	100%	100%



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Performance Measures (con't)

Percentage of permanent stormwater management facilities inspected.	0%	0%	0%	TBD	TBD
Annual Ambient monitoring (Achieved or Not Achieved)					
Macroinvertebrate Sampling	Achieved	Achieved	Achieved	Achieved	Achieved
E.Coli Sampling	Achieved	Achieved	Achieved	Achieved	Achieved
Visual Stream Assessment	Not Achieved	Not Achieved	Achieved	Achieved	Achieved

Outcome (Effectiveness) Measures

	2016	2017	2018	2019*	2020*
 Reduce percent of citizens reporting improvement in transportation/ reduction of traffic and lane improvements as the most important needs for Franklin. <i>(Baseline: Community Survey by ASI for Franklin Tomorrow)</i>	41%	41%	41%	TBD	TBD
Target	35%	35%	35%	TBD	TBD
Meets Target?	No	No	No	TBD	TBD
To reduce energy costs, road congestion and improve air quality by better use of alternative transportation services					
Increase inventory of transit hubs, park-and-ride sites, and alternative services in Franklin.					
 Baseline: Inventory of current transit hubs, number of park-and-ride parking slots, and description of alternative transportation services available in Franklin. (TMA)	74	TBD	TBD	TBD	TBD
Target	72	75	75	75	75
Meets Target?	Yes	TBD	TBD	TBD	TBD

Franklin Citizens Survey

(Fall 2016)

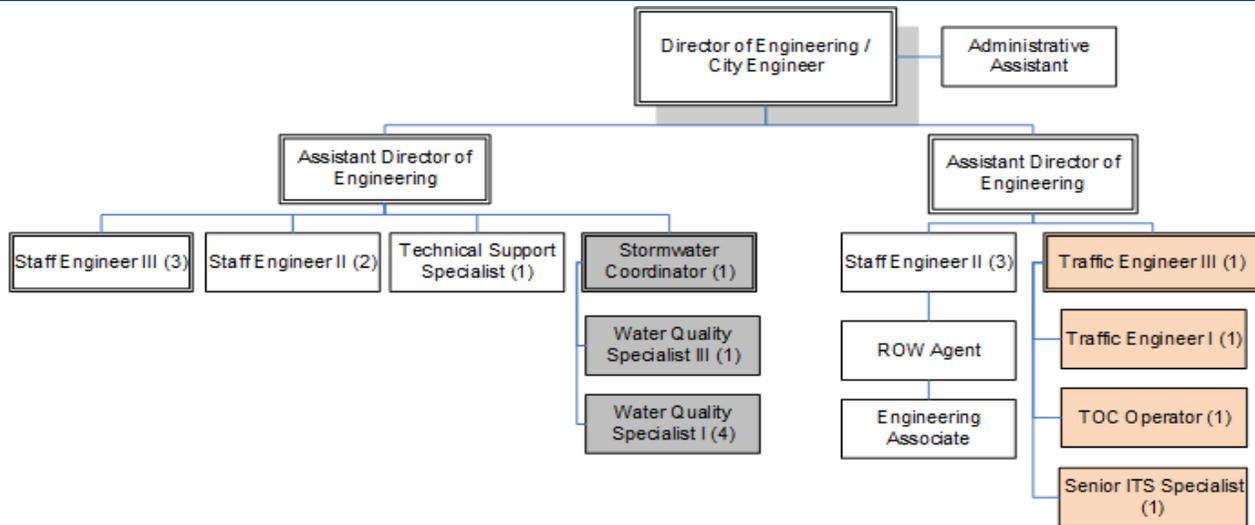
		Excellent	Good	Fair	Poor
<input checked="" type="checkbox"/>	% rating traffic flow on major streets as it relates to Franklin as a whole	1%	25%	45%	29%
<input checked="" type="checkbox"/>	% rating ease of public parking as it relates to Franklin as a whole	11%	42%	33%	14%
<input checked="" type="checkbox"/>	% rating ease of travel by car in Franklin as it relates to Franklin as a whole	7%	41%	39%	13%
<input checked="" type="checkbox"/>	% rating ease of travel by public transportation in Franklin as it relates to Franklin as a whole	5%	18%	29%	47%
<input checked="" type="checkbox"/>	% rating ease of travel of bicycle in Franklin as it relates to Franklin as a whole	6%	29%	34%	30%
<input checked="" type="checkbox"/>	% rating ease of walking in Franklin as it relates to Franklin as a whole	17%	41%	30%	12%
<input checked="" type="checkbox"/>	% rating the quality of Traffic signal timing	12%	38%	34%	15%



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Organizational Chart



1) Funding Allocation:

Gray: Stormwater Coordinator, Wtr Qty Specialist I and II are funded out of the Stormwater Budget
Peach: The Traffic Eng III, Traffic Eng I and TOC Operator are included in TOC Budget.
White: Positions funded through the Engineering budget are shaded in white.

2) For detailed counts and authorized positions, please see below

Staffing by Position

Position	Pay Grade	FY 2016		FY 2017		FY 2018		FY 2019		FY 2020	
		F-T	P-T								
Engineering											
Director of Engineering	Grade M	1	0	1	0	1	0	1	0	1	0
Asst. Dir. Of Engineering	Grade K	2	0	2	0	2	0	2	0	2	0
Staff Engineer III	Grade J	2	0	2	0	2	0	3	0	3	0
Staff Engineer II	Grade I	3	0	4	0	4	0	4	0	4	0
Right of Way Agent	Grade H	1	0	1	0	1	0	1	0	1	0
Technical Support Specialist II	Grade F	1	0	1	0	1	0	1	0	1	0
Technical Support Specialist	Grade E	1	0	1	0	0	0	0	0	0	0
Engineering Associate	Grade E	1	0	1	0	1	0	1	0	1	0
Administrative Assistant	Grade D	1	0	1	0	1	0	1	0	1	0
Total - Engineering		13	0	14	0	13	0	14	0	14	0

Position	Pay Grade	FY 2016		FY 2017		FY 2018		FY 2019		FY 2020	
		F-T	P-T								
Traffic Operations Center											
Traffic Engineer III	Grade J	1	0	1	0	1	0	1	0	1	0
Traffic Engineer II	Grade H	1	0	1	0	1	0	1	0	0	0
Traffic Engineer I	Grade G	0	0	0	0	0	0	0	0	1	0
ITS Specialist Senior	Grade G	0	0	0	0	1	0	1	0	1	0
TOC Operator	Grade E	1	0	1	0	1	0	1	0	1	0
Total - TOC		3	0	3	0	4	0	4	0	4	0



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Budget - Engineering

	Actual 2017	Actual 2018	Budget 2019	Estd 2019	Budget 2020	Difference	
						\$	%
Personnel							
Salaries & Wages	836,178	923,225	1,051,967	1,022,949	1,063,127	11,160	1.1%
Employee Benefits	288,512	347,463	363,879	343,805	384,151	20,272	5.6%
Total Personnel	1,124,690	1,270,688	1,415,846	1,366,754	1,447,278	31,432	2.2%
						-	
Operations							
Transportation Services	849	667	805	1,400	1,400	595	73.9%
Operating Services	5,169	1,790	2,650	3,025	3,025	375	14.2%
Notices, Subscriptions, etc.	1,432	1,468	4,775	7,775	7,775	3,000	62.8%
Utilities	4,600	4,475	4,180	3,820	4,805	625	15.0%
Contractual Services	57,285	38,270	92,500	107,500	95,000	2,500	2.7%
Repair & Maintenance Services	1,493	1,027	2,155	2,155	2,213	58	2.7%
Employee programs	453	93	1,000	1,050	1,050	50	5.0%
Professional Development/Travel	5,819	16,117	15,750	15,750	15,750	-	0.0%
Office Supplies	5,801	3,639	6,700	6,800	6,980	280	4.2%
Operating Supplies	966	1,241	4,600	3,950	4,073	(527)	-11.5%
Fuel & Mileage	617	885	2,100	2,100	2,205	105	5.0%
Machinery & Equipment (<\$25,000)	12,216	20,232	14,500	35,000	31,000	16,500	113.8%
Repair & Maintenance Supplies	-	907	-	300	-	-	0.0%
Property & Liability Costs	9,734	8,186	8,523	8,643	9,070	547	6.4%
Permits	9,264	6,447	-	5,200	4,860	4,860	100.0%
Financial Fees	-	-	-	200	200	200	100.0%
Other Business Expenses	122	107	-	-	-	-	0.0%
Debt Service and Lease Payments	5,413	5,413	-	-	-	-	0.0%
Interfund Reimbursement	(253,959)	(265,966)	(292,790)	(292,790)	(219,593)	73,198	-25.0%
Total Operations	(132,726)	(155,002)	(132,552)	(88,122)	(30,186)	102,366	-77.2%
						-	
Capital	-	-	-	-	-	-	
Total Engineering	991,964	1,115,686	1,283,294	1,278,632	1,417,091	133,797	10.4%

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
	Personnel								
= 81110	REGULAR PAY	835,333	923,101	1,088,139	629,401	1,022,777	1,101,437	1,156,508	1,214,334
81120	OVERTIME PAY	845	124	240	106	172	240	240	240
81150	TEMPORARY WORK BY NON-CITY EMPLOYEES								
81199	VACANCY ADJUSTMENT			(36,412)			(38,550)	(40,478)	(42,502)
= XWAGE	TOTAL WAGES	836,178	923,225	1,051,967	629,507	1,022,949	1,063,127	1,116,270	1,172,072
= 81410	FICA (EMPLOYER'S SHARE)	60,787	66,676	78,938	45,746	78,242	83,275	88,473	92,897
= 81420	MEDICAL PREMIUMS	172,471	219,420	227,458	84,918	203,803	226,005	248,606	273,466
= 81425	VISION PREMIUMS				561	1,346	1,192	1,311	1,442
= 81430	GROUP INSURANCE PREMIUMS	13,277	15,019	17,870	7,933	12,891	16,481	17,305	18,170
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(40,798)	(48,420)	(50,542)	(28,650)	(46,556)	(45,146)	(49,661)	(54,627)
! 81450	RETIREMENT CONTRIBUTIONS	66,836	76,861	73,607	55,205	73,607	80,968	89,064	97,971
81455	DEFERRED COMP MATCH	10,675	13,574	13,308	9,158	14,882	15,626	16,407	17,227
81470	WORKERS COMPENSATION PREMIUMS	2,435	1,933	940	3,190	3,190	3,350	3,517	3,693
81475	WORKERS COMPENSATION CLAIMS	429							
81482	CAR ALLOWANCE	2,400	2,400	2,300	1,477	2,400	2,400	2,400	2,400
= XBEN	TOTAL BENEFITS	288,512	347,463	363,879	179,538	343,805	384,151	417,422	452,639
= XPER	TOTAL PERSONNEL	1,124,690	1,270,688	1,415,846	809,045	1,366,754	1,447,278	1,533,692	1,624,711
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	849	613	805	1,390	1,400	1,400	1,470	1,543
82120	FREIGHT FOR INBOUND PURCHASED ITEMS								
82130	VEHICLE LICENSES & TITLES		54						
= XTRC	TOTAL TRANSPORTATION CHARGES	849	667	805	1,390	1,400	1,400	1,470	1,543
+ 82210	PRINTING & COPYING SERVICES, OUTSOURCED	4,178	1,297	2,000	3,508	2,500	2,500	2,625	2,756
1	Business Cards								
2	Envelopes								
! 3	Various	4,178	891	2,000		2,500	2,500	2,625	2,756
4	4CCAD - Reprographics - Scan Plans in the Garage/prints								
*	Amount missing from detail		406		3,508				
82230	ARCHIVING/RECORDS MANAGEMENT SERVICES								
! 82240	TRANSCRIPTION FEES								
82250	TESTING & PHYSICALS	991	493	650		525	525	551	579
= XOPSV	TOTAL OPERATING SERVICES	5,169	1,790	2,650	3,508	3,025	3,025	3,176	3,335
82310	LEGAL NOTICES	500	428	500		500	500	525	551
+ 82350	DUES FOR MEMBERSHIPS	747	991	1,775	953	4,775	4,775	5,014	5,264
01									
02									
03									
04									
05									
06									
07									
! 08	Various	747	991	1,775		4,775	4,775	5,014	5,264
09									
10									
11									
12									

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
*	Amount missing from detail				953				
82355	PROFESSIONAL STANDARDS / ACCREDITATION								
82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)								
82373	RECRUITMENT	88							
!	82390 PUBLICATIONS, NON-TRAINING	97	49	2,500	1,446	2,500	2,500	2,625	2,756
=	XNSP TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	1,432	1,468	4,775	2,399	7,775	7,775	8,164	8,571
82435	SOLID WASTE SERVICE								
82450	TELEPHONE SERVICE	823	893	907	553	907	952	1,000	1,050
82451	800 MHZ ACCESS LINE SERVICE	100	108	109	74	109	115	121	127
+	82455 CELLULAR TELEPHONE SERVICE	2,750	2,754	2,408	1,410	2,804	2,944	3,091	3,246
1	Various	2,750	1,376	2,408		2,804	2,944	3,091	3,246
2									
3									
4									
5									
6									
*	Amount missing from detail		1,378		1,410				
82470	INTERNET & RELATED SERVICES	927	720	756	495		794	833	
=	XUTIL TOTAL UTILITIES	4,600	4,475	4,180	2,532	3,820	4,805	5,045	4,423
!	82510 COMPUTER SERVICES	8,636	12,606	12,500	8,203	12,500	15,000	15,750	16,500
!	82540 ENGINEERING SERVICES	32,699	25,193	60,000	67,832	75,000	60,000	60,000	60,000
!	82560 CONSULTANT SERVICES	15,950		20,000		20,000	20,000	20,000	20,000
01	Various Consultant Services								
02	Misc. Surveying Services								
03	GIS AS-Built Integration								
04	Aerial Innovations (Fly over)								
05	Various	15,950		20,000		20,000	20,000	20,000	20,000
*	Amount missing from detail								
82599	OTHER CONTRACTUAL SERVICES		471						
=	XCTS TOTAL CONTRACTUAL SERVICES	57,285	38,270	92,500	76,035	107,500	95,000	95,750	96,500
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	533	351	1,000	18	1,000	1,000	1,050	1,103
+	82620 EQUIPMENT REPAIR & MAINTENANCE SERVICES	960	676	1,155	271	1,155	1,213	1,274	1,338
1	Various	960	676	1,155	271	1,155	1,213	1,274	1,338
2	NovaCopy								
*	Amount missing from detail								
82640	PAVING & REPAIR SERVICES								
=	XRMSV TOTAL REPAIR & MAINTENANCE SERVICES	1,493	1,027	2,155	289	2,155	2,213	2,324	2,441
82750	EMPLOYEE RECOGNITION/RECEPTIONS	453	38	1,000	147	1,000	1,000	1,050	1,103
+	82780 TRAINING, OUTSIDE								
01									
02									
03									
!	04 Various								
05									
*	Amount missing from detail								
82790	TRAINING, IN-HOUSE		55		28	50	50	53	56
=	XEPG TOTAL EMPLOYEE PROGRAMS	453	93	1,000	175	1,050	1,050	1,103	1,159
+	82810 REGISTRATIONS	3,785	9,443	6,500	4,945	6,500	6,500	6,825	7,166
1	Various	3,785	9,443	6,500	4,945	6,500	6,500	6,825	7,166
3	Continuing Education								
4	INFOR Conference (Amanda)								
*	Amount missing from detail								

	Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
+	82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	431	2,092	2,000	186	2,000	2,000	2,100	2,205
	1	Various	431	2,092	2,000	186	2,000	2,000	2,100	2,205
	3	Continuing Education								
	*	Amount missing from detail								
+	82830	AIR TRAVEL		984	2,000		2,000	2,000	2,100	2,205
	1	Various		984	2,000		2,000	2,000	2,100	2,205
	2	Continuing Education								
	3	INFOR Conference (Amanda)								
	*	Amount missing from detail								
+	82840	LODGING	862	2,357	3,500	1,351	3,500	3,500	3,675	3,859
	1	Various	862	2,357	3,500	1,351	3,500	3,500	3,675	3,859
	2	Continuing Education								
	3	INFOR Conference (Amanda)								
	*	Amount missing from detail								
+	82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	741	1,241	1,500	398	1,500	1,500	1,575	1,654
	1	Various	741	1,241	1,500	398	1,500	1,500	1,575	1,654
	2	Continuing Education								
	3	INFOR Conference (Amanda)								
	*	Amount missing from detail								
+	82890	OTHER TRAVEL EXPENSES			250		250	250	263	276
	1	Various			250		250	250	263	276
	2	Local PDH Meetings								
	*	Amount missing from detail								
=	XPDT	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	5,819	16,117	15,750	6,880	15,750	15,750	16,538	17,365
+	83110	OFFICE SUPPLIES	2,472	1,346	3,500	518	3,600	3,780	3,969	4,167
	1									
	2	Various	2,472	1,346	3,500	518	3,600	3,780	3,969	4,167
	*	Amount missing from detail								
+	83120	OFFICE DÉCOR ITEMS (OTHER THAN FURNITURE)								
	1	Aerial Innovations (Pictures of Projects)								
!	2	Various								
	*	Amount missing from detail								
	83130	EMPLOYEE BENEVOLENCE ITEMS	55		200		200	200	210	221
	83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	3,274	2,293	3,000	1,268	3,000	3,000	3,150	3,308
=	XOFS	TOTAL OFFICE SUPPLIES	5,801	3,639	6,700	1,786	6,800	6,980	7,329	7,696
†	83250	SAFETY SUPPLIES		24	2,150		1,500	1,500	1,575	1,654
	01									
	02									
	03	Various		24	2,150		1,500	1,500	1,575	1,654
	*	Amount missing from detail								
+	83260	UNIFORMS PURCHASED	966	1,137	2,450		2,450	2,573	2,702	2,837
	1									
	2									
!	3	Various	966	1,137	2,450		2,450	2,573	2,702	2,837
	*	Amount missing from detail								
	83265	UNIFORMS, SPECIALIZED								
	83299	OTHER OPERATING SUPPLIES		80						
=	XOPS	TOTAL OPERATING SUPPLIES	966	1,241	4,600		3,950	4,073	4,277	4,491
	83310	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	617	885	2,100	181	2,100	2,205	2,315	2,431
	83320	MILEAGE (INSIDE WILLIAMSON COUNTY)								
=	XFUEL	TOTAL FUEL & MILEAGE	617	885	2,100	181	2,100	2,205	2,315	2,431
+	83510	FURNITURE, FIXTURES (<\$25,000)	200	6,472	2,500		2,500	2,500	2,625	2,756
	01	Desk Chair (7 12/13) (7 13/14)								

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
02	Reception Seating for front office								
!	03	Various	200		2,500	2,500	2,500	2,625	2,756
	4	FY 2018 PER - TOC Conference Room Furniture							
	*	Amount missing from detail		6,472					
+	83520	VEHICLES (<\$25,000)							
	1	Replace 1999 FORD- F-150 (move to lease)							
	2	Replace 2003 FORD Explorer							
	*	Amount missing from detail							
+	83530	MACHINERY & EQUIPMENT (<\$25,000)	1,017	237	5,000	5,000	5,000	5,000	5,000
	5	New Copy Machine (2006) (Max Life 7 Years)(\$16,000 to lease)							
	6	Various	1,017	237	5,000	5,000	5,000	5,000	5,000
	*	Amount missing from detail							
+	83540	COMPUTER HARDWARE (<\$25,000)	3,944	9,648	7,000	5,977	20,000	16,000	10,000
	01								
	02								
	03								
	04	Various	3,944	9,648	7,000	5,977	20,000	16,000	10,000
	*	Amount missing from detail							
+	83550	COMPUTER SOFTWARE (<\$25,000)	7,055	3,875		144	7,500	7,500	7,500
	01								
!	02	Various	7,055	3,875		144	7,500	7,500	7,500
	03								
	04								
	05								
	06	Dragon Software (dictation of meeting minutes)							
	*	Amount missing from detail							
=	XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	12,216	20,232	14,500	6,121	35,000	31,000	25,125
	83610	VEHICLE PARTS & SUPPLIES		77					
	83620	EQUIPMENT PARTS & SUPPLIES		46		189	300		
	83660	BUILDING MAINTENANCE SUPPLIES		784					
=	XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES		907		189	300		
	85110	PROPERTY INSURANCE	955	941	1,193	1,193	1,193	1,037	1,089
	85111	FRAUD INSURANCE		216	901	901	901	238	250
	85112	INLAND MARINE INSURANCE	181	163	171	191	191	180	189
	85113	AUTO PHYSICAL DAMAGE	214	217	219	219	219	239	251
!	85115	LIABILITY INSURANCE	3,164	1,929	970	970	970	2,127	2,233
	85116	E&O LIABILITY INSURANCE		1,832	2,121	2,121	2,121	2,020	2,121
	85117	VEHICLE LIABILITY INSURANCE	4,109	2,128	2,115	2,115	2,115	2,346	2,463
	85118	LAW ENFORCEMENT LIABILITY INSURANCE							
	85119	UMBRELLA LIABILITY	598	710	833	833	833	783	822
	85120	PROPERTY DAMAGE COSTS							
	85125	LIABILITY CLAIMS/DEDUCTIBLES							
	85127	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES	513						
+	85140	SURETY/NOTARY BONDS		50			100	100	105
	1	Various							
	2	Ben, Sarah, Amanda					100	100	105
	3								
	4								
	*	Amount missing from detail		50					
=	XPLC	TOTAL PROPERTY & LIABILITY COSTS	9,734	8,186	8,523	8,543	8,643	9,070	9,523
	85310	PERMITS							
+	85320	STATE FEES	4,214	3,613					5,358

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
01	State Privilege Tax (\$400)								
02	Engineering License (\$140)								
03	PE Exam								
04	Appraisal Trainee Application Fee (Ben)								
! 05	Various	4,214	3,613			4,200	4,860	5,103	5,358
06									
*	Amount missing from detail								
85340	RECORDING & FILING FEES	5,050	2,834		234	1,000			
= XPERM	TOTAL PERMITS	9,264	6,447		234	5,200	4,860	5,103	5,358
85530	E-COMMERCE FEES	122	107		4	200	200	210	221
= XFLF	TOTAL FINANCIAL FEES	122	107		4	200	200	210	221
85990	MISCELLANEOUS								
= XOBE	TOTAL OTHER BUSINESS EXPENSES								
+ 86600	LEASE/LOAN PRINCIPAL	5,384	5,384						
1	2014 - New Copier	5,384	5,384						
2	2015 - Replace 1999 Ford F-150 (\$25,000)								
3	2015 - CADD Software (\$17,100)								
*	Amount missing from detail								
+ 86700	LEASE/LOAN INTEREST	29	29						
1	2014 - New Copier	29	29						
2	2015 - Replace 1999 Ford F-150 (\$25,000)								
3	2015 - CADD Software (\$17,100)								
*	Amount missing from detail								
= XDSV	TOTAL DEBT SERVICE	5,413	5,413						
87510	REIMB OF INTERFUND SERVICES	(253,959)	(265,966)	(292,790)	(292,790)	(292,790)	(219,593)	(223,984)	(228,464)
= XREIMB	TOTAL INTERFUND SERVICES REIMBURSEMENTS	(253,959)	(265,966)	(292,790)	(292,790)	(292,790)	(219,593)	(223,984)	(228,464)
= XOP	TOTAL OPERATIONS	(132,726)	(155,002)	(132,552)	(182,524)	(88,122)	(30,187)	(36,532)	(37,675)
	Capital								
= XTOT	TOTAL EXPENDITURES	991,964	1,115,686	1,283,294	626,521	1,278,632	1,417,091	1,497,160	1,587,036



City of Franklin, Tennessee

FY 2020 Operating Budget

Budget - TOC

	Actual 2017	Actual 2018	Budget 2019	Estd 2019	Budget 2020	Difference	
						\$	%
Personnel							
Salaries & Wages	206,010	249,991	282,308	354,283	281,657	(651)	-0.2%
Employee Benefits	78,746	90,481	119,377	81,380	110,475	(8,902)	-7.5%
Total Personnel	284,756	340,472	401,685	435,663	392,132	(9,553)	-2.4%
Operations							
Transportation Services	197	387	225	225	233	8	3.6%
Operating Services	47	179	250	250	263	13	5.2%
Notices, Subscriptions, etc.	3,990	1,770	6,720	6,720	8,000	1,280	19.0%
Utilities	2,162	7,918	3,323	3,683	3,759	436	13.1%
Contractual Services	385,106	112,253	398,000	345,000	390,000	(8,000)	-2.0%
Repair & Maintenance Services	3,474	24,924	25,850	15,850	10,350	(15,500)	-60.0%
Employee programs	-	38	5,416	6,416	6,420	1,004	18.5%
Professional Development/Travel	4,951	8,423	10,650	10,650	13,500	2,850	26.8%
Office Supplies	493	1,069	1,200	1,450	1,523	323	26.9%
Operating Supplies	499	7,258	2,050	2,300	2,403	353	17.2%
Fuel & Mileage	208	423	500	500	525	25	5.0%
Machinery & Equipment (<\$25,000)	58,125	184,099	61,025	64,275	65,000	3,975	6.5%
Repair & Maintenance Supplies	18,997	3,862	15,000	16,000	15,750	750	5.0%
Property & Liability Costs	13,777	41,973	16,333	15,219	15,980	(353)	-2.2%
Permits	800	1,080	1,040	1,040	1,620	580	55.8%
Other Business Expenses	27	19	50	50	53	3	100.0%
Total Operations	492,853	395,675	547,632	489,628	535,378	(12,254)	-2.2%
Infrastructure	-	416,211	-	12,635	150,000	150,000	0.0%
Machinery & Equipment (>\$25,000)	31,951	15,842	2,711,000	181,500	2,250,000	(461,000)	-17.0%
Capital	31,951	432,053	2,711,000	194,135	2,400,000	(311,000)	-11.5%
Total TOC	809,560	1,168,200	3,660,317	1,119,426	3,327,510	(332,807)	-9.1%

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
	Personnel								
= 81110	REGULAR PAY	204,989	249,310	290,629	217,651	353,683	290,629	305,161	320,419
81120	OVERTIME PAY	1,021	681	1,200	432	600	1,200	1,200	1,200
81199	VACANCY ADJUSTMENT			(9,521)			(10,172)	(10,681)	(11,215)
= XWAGE	TOTAL WAGES	206,010	249,991	282,308	218,083	354,283	281,657	295,680	310,404
= 81410	FICA (EMPLOYER'S SHARE)	15,101	18,077	20,810	15,330	27,057	22,233	23,345	24,512
= 81420	MEDICAL PREMIUMS	45,565	56,631	80,927	23,437	38,085	64,669	71,136	78,249
= 81425	VISION PREMIUMS				159	259	240	264	290
= 81430	GROUP INSURANCE PREMIUMS	3,428	3,614	5,326	1,938	3,149	5,169	5,427	5,699
= 81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(10,150)	(15,557)	(18,003)	(10,166)	(16,520)	(13,610)	(14,971)	(16,468)
! 81450	RETIREMENT CONTRIBUTIONS	18,228	20,962	22,082	16,562	22,082	24,290	26,719	29,391
81455	DEFERRED COMP MATCH	5,985	6,180	8,000	4,055	6,590	7,249	7,611	7,992
81470	WORKERS COMPENSATION PREMIUMS	589	574	235	678	678	235	235	235
81475	WORKERS COMPENSATION CLAIMS								
= XBEN	TOTAL BENEFITS	78,746	90,481	119,378	51,993	81,380	110,475	119,766	129,900
= XPER	TOTAL PERSONNEL	284,756	340,472	401,686	270,076	435,663	392,132	415,446	440,304
	Operations								
82110	MAILING & OUTBOUND SHIPPING SERVICES	143	378	150	16	150	158	166	174
82120	FREIGHT FOR INBOUND PURCHASED ITEMS								
82130	VEHICLE LICENSES & TITLES	54	9	75	75	75	75	79	83
= XTRC	TOTAL TRANSPORTATION CHARGES	197	387	225	91	225	233	245	257
82210	PRINTING & COPYING SERVICES, OUTSOURCED		34	250	250	250	263	276	299
+ 82250	TESTING & PHYSICALS	47	145						
1									
2									
3	Various	47							
*	Amount missing from detail		145						
= XOPSV	TOTAL OPERATING SERVICES	47	179	250	250	250	263	276	299
82310	LEGAL NOTICES	2,849		2,500	2,500	2,500	2,500	2,625	2,756
+ 82350	DUES FOR MEMBERSHIPS	981	680	3,220	3,220	3,220	4,500	4,725	4,961
01	Various	981	680	3,220	3,220	3,220	4,500	4,725	4,961
02									
03									
04									
*	Amount missing from detail								
82370	PROMOTIONS & SPECIAL EVENTS (NOT CITY SPONSORED)	160							
+ 82390	PUBLICATIONS, NON-TRAINING		1,090	1,000	1,000	1,000	1,000	1,050	1,103
1	ITE Trip Generation Manual 9th Edition								
3	Various		1,090	1,000	1,000	1,000	1,000	1,050	1,103
*	Amount missing from detail								
= XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	3,990	1,770	6,720	6,720	6,720	8,000	8,400	8,820
82450	TELEPHONE SERVICE	600	6,089	661	435	661	694	729	765
82451	800 MHZ ACCESS LINE SERVICE	93	102	106	70	106	111	117	123
+ 82455	CELLULAR TELEPHONE SERVICE	542	1,007	1,800	550	2,160	2,160	2,268	2,381
1	Cell Phone for New Traffic Engineer Position	542	1,007	1,800	550	2,160	2,160	2,268	2,381
*	Amount missing from detail								
82470	INTERNET & RELATED SERVICES	927	720	756	495	756	794	834	876
= XUTIL	TOTAL UTILITIES	2,162	7,918	3,323	1,550	3,283	3,730	3,945	4,145

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
+ 82510	COMPUTER SERVICES	21,048	4,647	38,000	18,445	20,000	30,000	31,500	33,000
1	Various	21,048	4,647		18,445	20,000	30,000	31,500	33,000
2	Caliper Corporation (TransCAD Support)			38,000					
*	Amount missing from detail								
! 82540	ENGINEERING SERVICES	338,810	107,606	300,000	28,466	300,000	300,000	300,000	300,000
+ 82560	CONSULTANT SERVICES	25,248		60,000	60,000	25,000	60,000	63,000	66,150
! 01	Various	25,248		60,000	60,000	25,000	60,000	63,000	66,150
02	City of Franklin Traffic Impact Studies (90% Developer and 10% City)								
03	Traffic Data Collection - Annual Program								
04	Traffic Signal Timing Optimization and Testing - Cool Springs								
05	Traffic Signal Timing Optimization and Testing - Downtown								
06	Traffic Signal Timing Optimization and Testing - 96 East								
07	Traffic Signal Timing Optimization and Testing - Columbia Ave								
08	Traffic Signal Timing Optimization and Testing								
09	Traffic Signal Timing Optimization and Testing - Hillsboro Road								
10	Comprehensive Transportation Network Study								
11									
12									
*	Amount missing from detail								
= XCTS	TOTAL CONTRACTUAL SERVICES	385,106	112,253	398,000	106,911	345,000	390,000	394,500	399,150
82610	VEHICLE REPAIR & MAINTENANCE SERVICES	31	300	350	804	350	350	368	386
+ 82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	553		15,500	15,500	15,500	10,000	10,500	11,025
1	NovaCopy								
3	Various	553		15,500	15,500	15,500	10,000	10,500	11,025
4	Emergency Fiber Optic Repair for TOC Fiber								
*	Amount missing from detail								
82640	PAVING & REPAIR SERVICES		19,635						
82641	TRAFFIC SIGNAL REPAIR & MAINTENANCE SERVICES	2,890							
82647	SIDEWALK REPAIR		4,989						
82649	FIBER OPTIC SERVICE			10,000					
= XRMSV	TOTAL REPAIR & MAINTENANCE SERVICES	3,474	24,924	25,850	16,304	15,850	10,350	10,868	11,411
82750	EMPLOYEE RECOGNITION/RECEPTIONS		38	416	147	416	420	441	463
82780	TRAINING, OUTSIDE			5,000	3,000	3,000	3,000	3,150	3,308
82790	TRAINING, IN-HOUSE					3,000	3,000	3,150	3,308
= XEPG	TOTAL EMPLOYEE PROGRAMS		38	5,416	3,147	6,416	6,420	6,741	7,079
+ 82810	REGISTRATIONS	1,605	5,150	3,000	2,631	3,000	3,000	3,150	3,308
1	Various	1,605	5,150	3,000	2,631	3,000	3,000	3,150	3,308
2									
3									
7									
8									
9									
*	Amount missing from detail								
+ 82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)	1,142	543	1,000	607	1,000	1,000	1,050	1,103
1	Various	1,142	543	1,000	607	1,000	1,000	1,050	1,103
3									
4									
*	Amount missing from detail								
+ 82830	AIR TRAVEL		470	1,500	317	1,500	1,500	1,575	1,654
3									
4									
5	Various		470	1,500	317	1,500	1,500	1,575	1,654
*	Amount missing from detail								
+ 82840	LODGING	1,888	1,705	3,500	2,965	3,500	5,000	5,250	5,513

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
01									
02									
03	Various	1,888	1,705	3,500	2,965	3,500	5,000	5,250	5,513
04									
*	Amount missing from detail								
+ 82850	MEALS (OUTSIDE WILLIAMSON COUNTY)	316	555	1,250	1,250	1,250	2,500	2,625	2,756
01									
02									
03	Various	316	555	1,250	1,250	1,250	2,500	2,625	2,756
04									
*	Amount missing from detail								
82890	OTHER TRAVEL EXPENSES			400	8	400	500	525	551
= XPDT	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	4,951	8,423	10,650	7,778	10,650	13,500	14,175	14,885
83110	OFFICE SUPPLIES	147	493	600	83	850	893	938	985
83130	EMPLOYEE BENEVOLENCE ITEMS		107	100	200	100	105	110	116
83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	346	469	500	46	500	525	551	579
= XOFS	TOTAL OFFICE SUPPLIES	493	1,069	1,200	329	1,450	1,523	1,599	1,680
+ 83250	SAFETY SUPPLIES		3,318	500	500	500	525	551	579
1									
2	Various		3,318	500	500	500	525	551	579
*	Amount missing from detail								
83260	UNIFORMS PURCHASED	279	266	550	216	550	578	607	637
83270	CONSUMABLE TOOLS		198		212	250	250	263	276
83299	OTHER OPERATING SUPPLIES	220	3,476	1,000	80	1,000	1,050	1,103	1,158
= XOPS	TOTAL OPERATING SUPPLIES	499	7,258	2,050	1,008	2,300	2,403	2,524	2,650
83310	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	208	423	500	301	500	525	551	579
= XFUEL	TOTAL FUEL & MILEAGE	208	423	500	301	500	525	551	579
+ 83530	MACHINERY & EQUIPMENT (<\$25,000)	40,486	177,204	50,000	50,000	50,000	52,500	55,125	57,881
! 1	Various	40,486	177,204	50,000	50,000	50,000	52,500	55,125	57,881
2									
3									
4	MioVision Camera								
*	Amount missing from detail								
+ 83540	COMPUTER HARDWARE (<\$25,000)	11,682	6,735	1,750	1,250	5,000	2,500	7,500	2,500
! 01	Various	11,682	6,735	1,750	1,250	5,000	2,500	7,500	2,500
02	Cisco Video Matrix - Lease Payment (moved to Lease 86600)								
*	Amount missing from detail								
+ 83550	COMPUTER SOFTWARE (<\$25,000)	5,957	160	9,275	7,501	9,275	10,000	10,500	11,000
1									
2									
3	TransCAD (moved to 82510)								
4									
5									
6	Various	5,957	160	9,275	9,275	9,275	10,000	10,500	11,000
7									
*	Amount missing from detail				(1,774)				
= XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	58,125	184,099	61,025	58,751	64,275	65,000	73,125	71,381
83620	EQUIPMENT PARTS & SUPPLIES		25	10,000	114	10,000	10,500	11,025	11,576
+ 83641	TRAFFIC SIGNAL PARTS & SUPPLIES	18,523			455	500			
01	Various	18,523			455	500			
*	Amount missing from detail								
83649	FIBER OPTIC SUPPLIES	474	3,490	5,000		5,000	5,250	5,513	5,788
83660	BUILDING MAINTENANCE SUPPLIES		347		419	500			

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
83699	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES								
= XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES	18,997	3,862	15,000	988	16,000	15,750	16,538	17,364
85110	PROPERTY INSURANCE	955	941	1,193	1,193	1,193	1,253	1,316	1,382
85111	FRAUD INSURANCE		689	2,604	2,604	2,604	2,734	2,871	3,014
85112	INLAND MARINE INSURANCE	82	75	100	84	84	88	92	97
85113	AUTO PHYSICAL DAMAGE								
85115	LIABILITY INSURANCE	10,715	32,166	2,802	2,802	2,802	2,942	3,089	3,243
85116	E&O LIABILITY INSURANCE		5,840	6,129	6,129	6,129	6,435	6,757	7,095
85117	VEHICLE LIABILITY INSURANCE								
85118	LAW ENFORCEMENT LIABILITY INSURANCE								
85119	UMBRELLA LIABILITY	2,025	2,262	2,407	2,407	2,407	2,527	2,653	2,786
85120	PROPERTY DAMAGE COSTS			1,097					
= XPLC	TOTAL PROPERTY & LIABILITY COSTS	13,777	41,973	16,332	15,219	15,219	15,979	16,778	17,617
85310	PERMITS								
85320	STATE FEES	800	1,080	1,040	50	1,040	1,620	1,701	1,786
85340	RECORDING & FILING FEES								
= XPERM	TOTAL PERMITS	800	1,080	1,040	50	1,040	1,620	1,701	1,786
85530	E-COMMERCE FEES	27	19	50	50	50	53	56	59
= XFLF	TOTAL FINANCIAL FEES	27	19	50	50	50	53	56	59
+ 86600	LEASE/LOAN PRINCIPAL								
1	SunTrust - Cisco Video Surveillance								
*	Amount missing from detail								
+ 86700	LEASE/LOAN INTEREST								
1	SunTrust - Cisco Video Surveillance								
*	Amount missing from detail								
= XDSV	TOTAL DEBT SERVICE								
= XOP	TOTAL OPERATIONS	492,853	395,675	547,631	219,447	489,628	535,378	552,025	559,162
	Capital								
89420	STREETS		67,000						
89460	SIDEWALKS		43,292						
89470	TRAFFIC SIGNALS		305,919		12,635	12,635	150,000	1,500,000	1,000,000
= XINFR	TOTAL INFRASTRUCTURE		416,211		12,635	12,635	150,000	1,500,000	1,000,000
= 89520	VEHICLES (>\$25,000)			35,000	31,495				
+ 89530	MACHINERY & EQUIPMENT (>\$25,000)	31,951	15,842	2,600,000	42,915	100,000	2,250,000	1,000,000	1,000,000
01	Mallory Station Road @ Mallory Lane and South Springs								
02	Carothers @ SR96 Tum Lane Extension								
03	Columbia @ Southeast Pkwy/Shadow Green Dr (\$195,000 from developer)								
04	Cool Springs Adaptive Signal Control (80/20 Match MPO)								
05	Aspen Grove Roundabout								
06	Signal Upgrade Program			100,000					
07	Franklin ITS Extension (80/20 Match)								
! 08	Various	31,951	15,842	2,500,000	26,930	100,000	2,250,000	1,000,000	1,000,000

Account	Label	Actual 2017	Actual 2018	Budget 2019	YTD@1/31/2019	Estd 2019	Budget 2020	Forecast 2021	Forecast 2022
*	Amount missing from detail				15,985				
89531	MACHINERY & EQUIPMENT (>25,000) NON-GRANT								
89532	MACHINERY & EQUIPMENT (>\$25,000) GRANT				54				
89550	COMPUTER SOFTWARE (>\$25,000)			76,000	81,500	81,500			
=	XMEO TOTAL MACHINERY & EQUIPMENT (>\$25,000)	31,951	15,842	2,711,000	155,964	181,500	2,250,000	1,000,000	1,000,000
=	XCAP TOTAL CAPITAL	31,951	432,053	2,711,000	168,599	194,135	2,400,000	2,500,000	2,000,000
=	XTOT TOTAL EXPENDITURES	809,560	1,168,200	3,660,317	658,122	1,119,426	3,327,510	3,467,471	2,999,466