



## City of Franklin, Tennessee

### FY 2019 Operating Budget

#### Engineering & Traffic Operations Center

*Paul P. Holzen, Director*

#### Budget Summary

Engineering							
	2016 Actual	2017 Actual	2018		2019 Budget	2018 v. 2019	
			Budget	Estimated		\$	%
<b>Personnel</b>	898,723	1,124,690	1,245,030	1,270,496	1,281,099	36,068	2.9%
<b>Operations</b>	-96,022	-132,723	-51,024	-80,300	-92,592	-41,568	81.5%
<b>Capital</b>	0	0	0	0	0	0	0.0%
<b>Total</b>	<b>802,701</b>	<b>991,967</b>	<b>1,194,006</b>	<b>1,190,196</b>	<b>1,188,506</b>	<b>-5,500</b>	<b>-0.5%</b>

Traffic Operations Center (TOC)							
	2016 Actual	2017 Actual	2018		2019 Budget	2018 v. 2019	
			Budget	Estimated		\$	%
<b>Personnel</b>	258,175	284,756	360,180	367,843	380,141	19,961	5.5%
<b>Operations</b>	239,931	492,854	545,312	593,800	592,970	47,658	8.7%
<b>Capital</b>	60,361	31,951	2,150,000	463,105	2,576,000	426,000	19.8%
<b>Total</b>	<b>558,468</b>	<b>809,561</b>	<b>3,055,492</b>	<b>1,424,748</b>	<b>3,549,111</b>	<b>493,618</b>	<b>16.2%</b>

#### Departmental 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. The divisions include 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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### FY 2019 Operating Budget

#### Engineering & Traffic Operations Center

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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 3 years, especially in developing areas and/or areas with sustained growth, will maintain a high quality of traffic operations."



## City of Franklin, Tennessee

### FY 2019 Operating Budget

#### Engineering & Traffic Operations Center

Paul P. Holzen, Director

##### 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.**



# City of Franklin, Tennessee

## FY 2019 Operating Budget

### 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 coordinate 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	2016
2) SR 96 E	2015
3) Downtown Franklin	2018
4) Hillsboro Road	2017
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 year.

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 cities 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

		2015	2016	2017	2018*	2019*
	Number of public education and outreach events completed.	5	2	9	TBD	TBD
	Number of public involvement and participation events completed.	3	2	2	TBD	TBD
	Percentage of Watershed completed for illicit discharge detection and elimination.	100%	0%	10%	TBD	TBD



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### Performance Measures (con't)

Percentage of active construction sites	100%	100%	100%	100%	100%
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	Achieved	Not Achieved	Not Achieved	Achieved	Achieved

### Outcome (Effectiveness) Measures

		2015	2016	2017	2018*	2019*
	Reduce percent of citizens reporting improvement in transportation/ reduction of traffic and lane improvements as the most important needs for Franklin. (Baseline: Community Survey by ASI for Franklin Tomorrow)	37%	41%	41%	TBD	TBD
	<b>Target</b>	<b>30%</b>	<b>35%</b>	<b>35%</b>	<b>TBD</b>	<b>TBD</b>
	<b>Meets Target?</b>	<b>No</b>	<b>No</b>	<b>No</b>	<b>TBD</b>	<b>TBD</b>
	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)	72	74	TBD	TBD	TBD
	<b>Target</b>	<b>72</b>	<b>72</b>	<b>75</b>	<b>75</b>	<b>75</b>
	<b>Meets Target?</b>	<b>Yes</b>	<b>Yes</b>	<b>TBD</b>	<b>TBD</b>	<b>TBD</b>

### Franklin Citizens Survey

(Fall 2016)

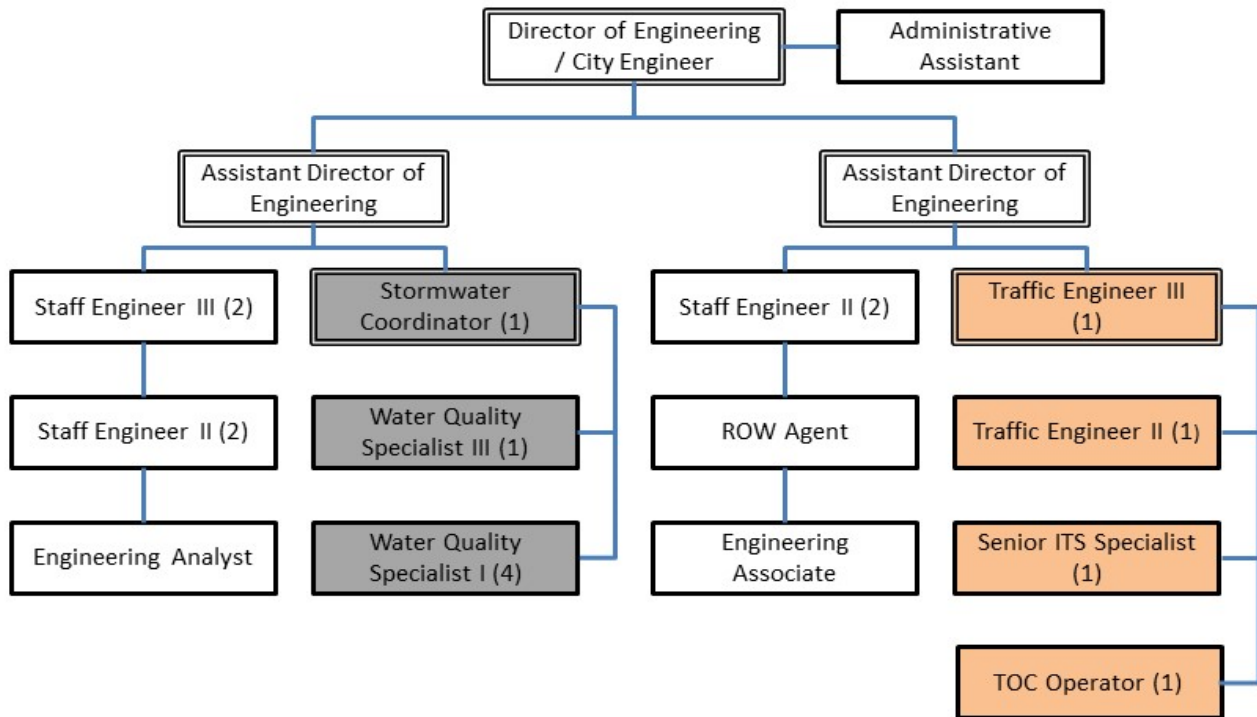
		Excellent	Good	Fair	Poor
<input checked="" type="checkbox"/>	% rating traffic flow on major streets as it relates to Franklin as a whole	1%	25%	45%	29%
<input checked="" type="checkbox"/>	% rating ease of public parking as it relates to Franklin as a whole	11%	42%	33%	14%
<input checked="" type="checkbox"/>	% 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%



## City of Franklin, Tennessee

### FY 2019 Operating Budget

#### Organizational Chart



#### Notes:

##### 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 II 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 following page entitled "Staffing by Position"



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### Staffing by Position

Position	Pay Grade	FY 2015		FY 2016		FY 2017		FY 2018		FY 2019	
		F-T	P-T	F-T	P-T	F-T	P-T	F-T	P-T	F-T	P-T
Engineering											
Director of Engineering	Grade L	1	0	1	0	1	0	1	0	1	0
Asst. Dir. Of Engineering	Grade J	1	0	2	0	2	0	2	0	2	0
Staff Engineer III	Grade I	3	0	2	0	2	0	2	0	2	0
Staff Engineer II	Grade H	3	0	3	0	4	0	4	0	4	0
Right of Way Agent	Grade G	1	0	1	0	1	0	1	0	1	0
Engineering Ananlyst	Grade F	0	0	0	0	0	0	1	0	1	0
Technical Support Specialist	Grade E	1	0	1	0	1	0	0	0	0	0
Engineering Associate	Grade E	1	0	1	0	1	0	1	0	1	0
Admin. Asst	Grade D	1	0	1	0	1	0	1	0	1	0
Total - Engineering		12	0	12	0	13	0	13	0	13	0

Position	Pay Grade	FY 2015		FY 2016		FY 2017		FY 2018		FY 2019	
		F-T	P-T	F-T	P-T	F-T	P-T	F-T	P-T	F-T	P-T
Traffic Operations Center											
Traffic Engineer III	Grade I	1	0	1	0	1	0	1	0	1	0
Traffic Engineer II	Grade F	1	0	1	0	1	0	1	0	1	0
ITS Specialist Senior	Grade F	1	0	0	0	0	0	1	0	1	0
TOC Operator	Grade E	1	0	1	0	1	0	1	0	1	0
Total - TOC		4	0	3	0	3	0	4	0	4	0



# City of Franklin, Tennessee

## FY 2019 Operating Budget

### Budget - Engineering

	Actual 2016	Actual 2017	Budget 2018	Estd 2018	Budget 2019	Difference	
						\$	%
<b>Personnel</b>							
Salaries & Wages	676,112	836,178	901,354	897,923	928,638	27,284	3.0%
Employee Benefits	222,611	288,512	343,676	372,573	352,461	8,785	2.6%
<b>Total Personnel</b>	<b>898,723</b>	<b>1,124,690</b>	<b>1,245,030</b>	<b>1,270,496</b>	<b>1,281,099</b>	<b>36,068</b>	<b>2.9%</b>
						-	
<b>Operations</b>							
Transportation Services	183	849	767	767	805	38	5.0%
Operating Services	4,035	5,169	6,099	2,500	2,500	(3,599)	-59.0%
Notices, Subscriptions, etc.	3,764	1,432	9,963	4,150	4,575	(5,388)	-54.1%
Utilities	3,857	4,600	4,749	3,982	4,180	(569)	-12.0%
Contractual Services	74,165	57,285	108,400	109,711	112,500	4,100	3.8%
Repair & Maintenance Services	1,002	1,493	2,610	2,100	2,155	(455)	-17.4%
Employee programs	681	453	861	861	1,000	139	16.1%
Professional Development/Travel	5,495	5,819	18,000	17,650	20,000	2,000	11.1%
Office Supplies	5,309	5,801	6,770	6,944	6,960	190	2.8%
Operating Supplies	2,068	966	4,778	4,725	4,300	(478)	-10.0%
Fuel & Mileage	924	617	2,100	2,100	2,100	-	0.0%
Machinery & Equipment (<\$25,000)	24,574	12,216	31,828	21,202	14,500	(17,328)	-54.4%
Repair & Maintenance Supplies	50	-	-	-	-	-	0.0%
Property & Liability Costs	5,965	9,734	9,811	8,136	8,543	(1,268)	-12.9%
Permits	6,010	9,264	8,153	731	-	(8,153)	-100.0%
Other Business Expenses	1	122	53	13	-	(53)	-100.0%
Debt Service and Lease Payments	4,104	5,413	-	5,413	-	-	0.0%
Interfund Reimbursement	(238,209)	(253,959)	(265,966)	(271,285)	(276,711)	(10,745)	4.0%
<b>Total Operations</b>	<b>(96,022)</b>	<b>(132,723)</b>	<b>(51,024)</b>	<b>(80,300)</b>	<b>(92,592)</b>	<b>(41,568)</b>	<b>81.5%</b>
						-	
<b>Capital</b>	-	-	-	-	-	-	
						-	
<b>Total Engineering</b>	<b>802,701</b>	<b>991,967</b>	<b>1,194,006</b>	<b>1,190,196</b>	<b>1,188,506</b>	<b>(5,500)</b>	<b>-0.5%</b>

### Notes & Objectives



	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
		<b>Personnel</b>								
=	81110	REGULAR PAY	671,201	835,333	932,441	565,434	930,252	962,070	1,000,553	1,040,575
	81120	OVERTIME PAY	88	845	220	57	230	240	240	240
	81150	TEMPORARY WORK BY NON-CITY EMPLOYEES	4,823							
	81199	VACANCY ADJUSTMENT			(31,307)		(32,559)	(33,672)	(35,019)	(36,420)
=	XWAGE	TOTAL WAGES	676,112	836,178	901,354	565,491	897,923	928,638	965,774	1,004,395
=	81410	FICA (EMPLOYER'S SHARE)	48,823	60,787	68,219	40,781	71,164	73,050	76,542	79,604
=	81420	MEDICAL PREMIUMS	139,469	172,471	216,039	127,995	237,643	210,617	231,679	254,847
=	81430	GROUP INSURANCE PREMIUMS	11,518	13,277	14,450	9,223	15,173	16,760	17,598	18,478
=	81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(33,419)	(40,798)	(47,113)	(30,333)	(51,824)	(57,517)	(63,269)	(69,596)
!	81450	RETIREMENT CONTRIBUTIONS	48,928	66,836	76,861	57,646	84,548	93,002	102,302	112,532
	81455	DEFERRED COMP MATCH	3,925	10,675	12,071	8,301	12,674	13,308	13,973	14,672
	81470	WORKERS COMPENSATION PREMIUMS	967	2,435	850	1,869	895	940	987	1,036
	81475	WORKERS COMPENSATION CLAIMS		429						
	81482	CAR ALLOWANCE	2,400	2,400	2,300	1,477	2,300	2,300	2,300	2,300
=	XBEN	TOTAL BENEFITS	222,611	288,512	343,676	216,959	372,573	352,461	382,112	413,873
=	XPER	TOTAL PERSONNEL	898,723	1,124,690	1,245,030	782,450	1,270,496	1,281,099	1,347,886	1,418,268
		<b>Operations</b>								
	82110	MAILING & OUTBOUND SHIPPING SERVICES	183	849	767	354	767	805	845	887
	82120	FREIGHT FOR INBOUND PURCHASED ITEMS								
	82130	VEHICLE LICENSES & TITLES								
=	XTRC	TOTAL TRANSPORTATION CHARGES	183	849	767	354	767	805	845	887
+	82210	PRINTING & COPYING SERVICES, OUTSOURCED	3,094	4,178	4,210	891	2,000	2,000	2,100	2,205
	1	Business Cards								
	2	Envelopes								
!	3	Various	3,094	4,178	4,210	891	2,000	2,000	2,100	2,205
	4	4CCAD - Reprographics - Scan Plans in the Garage/prints								
	*	Amount missing from detail								
	82230	ARCHIVING/RECORDS MANAGEMENT SERVICES								
!	82240	TRANSCRIPTION FEES			787					
	82250	TESTING & PHYSICALS	941	991	1,102	493	500	500	525	551
=	XOPSV	TOTAL OPERATING SERVICES	4,035	5,169	6,099	1,384	2,500	2,500	2,625	2,756
	82310	LEGAL NOTICES	2,181	500	2,000	76	150	500	525	551
+	82350	DUES FOR MEMBERSHIPS	966	747	2,888	991	1,500	1,575	1,654	1,736
	01									
	02									
	03									
	04									
	05									
	06									
	07									
!	08	Various	966	747	2,888	991	1,500	1,575	1,654	1,736
	09									
	10									
	11									
	12									

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
	*	Amount missing from detail								
	82355	PROFESSIONAL STANDARDS / ACCREDITATION			1,575					
	82360	PUBLIC RELATIONS & EDUCATION (CITY SPONSORED)	97		1,000					
	82373	RECRUITMENT		88						
!	82390	PUBLICATIONS, NON-TRAINING	520	97	2,500		2,500	2,500	2,625	2,756
=	XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	3,764	1,432	9,963	1,067	4,150	4,575	4,804	5,043
	82435	SOLID WASTE SERVICE								
	82450	TELEPHONE SERVICE	809	823	955	493	864	907	952	1,000
	82451	800 MHZ ACCESS LINE SERVICE	98	100	110	61	104	109	115	120
+	82455	CELLULAR TELEPHONE SERVICE	2,279	2,750	2,886	1,376	2,294	2,408	2,529	2,655
	1	Various	2,279	2,750	2,886	1,376	2,294	2,408	2,529	2,655
	2									
	3									
	4									
	5									
	6									
	*	Amount missing from detail								
	82470	INTERNET & RELATED SERVICES	671	927	798	420	720	756	794	833
=	XUTIL	TOTAL UTILITIES	3,857	4,600	4,749	2,350	3,982	4,180	4,390	4,608
!	82510	COMPUTER SERVICES	5,540	8,636	8,400	9,882	9,711	12,500	13,125	13,781
!	82540	ENGINEERING SERVICES	36,615	32,702	75,000	5,000	75,000	75,000	78,750	82,687
!	82560	CONSULTANT SERVICES	31,760	15,950	25,000		25,000	25,000	26,250	27,563
	01	Various Consultant Services								
	02	Misc. Surveying Services								
	03	GIS AS-Built Integration								
	04	Aerial Innovations (Fly over)								
	05	Various	31,760	15,950	25,000		25,000	25,000	26,250	27,563
	*	Amount missing from detail								
	82599	OTHER CONTRACTUAL SERVICES	250							
=	XCTS	TOTAL CONTRACTUAL SERVICES	74,165	57,288	108,400	14,882	109,711	112,500	118,125	124,031
	82610	VEHICLE REPAIR & MAINTENANCE SERVICES	247	533	1,455	85	1,000	1,000	1,050	1,102
+	82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	755	960	1,155	420	1,100	1,155	1,213	1,273
	1	Various	755	960	1,155	420	1,100	1,155	1,213	1,273
	2	NovaCopy								
	*	Amount missing from detail								
	82640	PAVING & REPAIR SERVICES								
=	XRMSV	TOTAL REPAIR & MAINTENANCE SERVICES	1,002	1,493	2,610	505	2,100	2,155	2,263	2,375
	82750	EMPLOYEE RECOGNITION/RECEPTIONS	654	453	861		861	1,000	1,050	1,103
+	82780	TRAINING, OUTSIDE								
	01									
	02									
	03									
!	04	Various								
	05									
	*	Amount missing from detail								
	82790	TRAINING, IN-HOUSE	27			27				
=	XEPG	TOTAL EMPLOYEE PROGRAMS	681	453	861	27	861	1,000	1,050	1,103
+	82810	REGISTRATIONS	3,732	3,785	5,000	6,330	6,800	7,000	7,350	7,718
	1	Various	3,732	3,785	5,000	6,330	6,800	7,000	7,350	7,718
	3	Continuing Education								
	4	INFOR Conference (Amanda)								



	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
+	83510	FURNITURE, FIXTURES (<\$25,000)	1,252	200	8,347		8,347	2,500	2,625	2,756
	01	Desk Chair (7 12/13) (7 13/14)								
	02	Reception Seating for front office								
!	03	Various	1,252	200	347		347	2,500	2,625	2,756
	4	FY 2018 PER - TOC Conference Room Furniture			8,000		8,000			
	*	Amount missing from detail								
+	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)	10,527	1,017	1,155		1,155	5,000	5,250	5,513
	5	New Copy Machine (2006) (Max Life 7 Years)(\$16,000 to lease)								
	6	Various	10,527	1,017	1,155		1,155	5,000	5,250	5,513
	*	Amount missing from detail								
+	83540	COMPUTER HARDWARE (<\$25,000)	8,842	3,944	11,700	9,296	11,700	7,000	7,350	7,718
	01									
	02									
	03									
	04	Various	8,842	3,944	11,700		11,700	7,000	7,350	7,718
	*	Amount missing from detail				9,296				
+	83550	COMPUTER SOFTWARE (<\$25,000)	3,953	7,055	10,626					
	01									
!	02	Various	3,953	7,055	10,626					
	03									
	04									
	05									
	06	Dragon Software (dictation of meeting minutes)								
	*	Amount missing from detail								
=	XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	24,574	12,216	31,828	9,296	21,202	14,500	15,225	15,987
	83620	EQUIPMENT PARTS & SUPPLIES	50							
=	XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES	50							
	85110	PROPERTY INSURANCE	1,129	955	1,003	941	941	988	1,037	1,089
	85111	FRAUD INSURANCE				216	216	227	238	250
	85112	INLAND MARINE INSURANCE		181	190	163	163	171	180	189
	85113	AUTO PHYSICAL DAMAGE	39	214	225	217	217	228	239	251
!	85115	LIABILITY INSURANCE	2,338	3,164	3,322	1,929	1,929	2,025	2,127	2,233
	85116	E&O LIABILITY INSURANCE				1,832	1,832	1,924	2,020	2,121
	85117	VEHICLE LIABILITY INSURANCE	1,539	4,109	4,314	2,128	2,128	2,234	2,346	2,463
	85118	LAW ENFORCEMENT LIABILITY INSURANCE								
	85119	UMBRELLA LIABILITY	554	598	628	710	710	746	783	822
	85120	PROPERTY DAMAGE COSTS								
	85125	LIABILITY CLAIMS/DEDUCTIBLES								
	85127	VEHICLE LIABILITY CLAIMS/DEDUCTIBLES	249	513						
+	85140	SURETY/NOTARY BONDS	117		129					
	1	Various								
	2	Sarah-Ben-Amanda-Shannon	117		129					
	3									
	4									
	*	Amount missing from detail								
=	XPLC	TOTAL PROPERTY & LIABILITY COSTS	5,965	9,734	9,811	8,136	8,136	8,543	8,970	9,418
	85310	PERMITS	1,000		1,050					

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
+	85320	STATE FEES	3,040	4,214	5,103	280	280			
	01	State Privilege Tax(\$400)								
	02	Engineering License (\$140)								
	03	PE Exam								
	04	Appraisal Trainee Application Fee (Ben)								
!	05	Various	3,040	4,214	5,103	280	280			
	06									
	*	Amount missing from detail								
	85340	RECORDING & FILING FEES	1,970	5,050	2,000	451	451			
=	XPERM	TOTAL PERMITS	6,010	9,264	8,153	731	731			
	85530	E-COMMERCE FEES	1	122	53	13	13			
=	XFLF	TOTAL FINANCIAL FEES	1	122	53	13	13			
	85990	MISCELLANEOUS								
+	86600	LEASE/LOAN PRINCIPAL	4,031	5,384		5,384	5,384			
	1	2014 - New Copier	4,031	5,384		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	73	29		29	29			
	1	2014 - New Copier	73	29		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	4,104	5,413		5,413	5,413			
	87510	REIMB OF INTERFUND SERVICES	(238,209)	(253,959)	(265,966)	(265,966)	(271,285)	(276,711)	(282,245)	(287,890)
=	XREIMB	TOTAL INTERFUND SERVICES REIMBURSEMENTS	(238,209)	(253,959)	(265,966)	(265,966)	(271,285)	(276,711)	(282,245)	(287,890)
=	XOP	TOTAL OPERATIONS	(96,022)	(132,723)	(51,024)	(208,041)	(80,300)	(92,593)	(88,920)	(84,904)
		Capital								
=	XTOT	TOTAL EXPENDITURES	802,701	991,967	1,194,006	574,409	1,190,196	1,188,506	1,258,966	1,333,364
=	PTHCT	PART-TIME HEADCOUNT								
=	PRHCT	PART-TIME REGULAR HEADCOUNT								



# City of Franklin, Tennessee

## FY 2019 Operating Budget

### Budget - TOC

	Actual 2016	Actual 2017	Budget 2018	Estd 2018	Budget 2019	Difference	
						\$	%
<b>Personnel</b>							
Salaries & Wages	197,759	206,010	262,974	261,978	265,305	2,331	0.9%
Employee Benefits	60,416	78,746	97,206	105,865	114,836	17,630	18.1%
<b>Total Personnel</b>	<b>258,175</b>	<b>284,756</b>	<b>360,180</b>	<b>367,843</b>	<b>380,141</b>	<b>19,961</b>	<b>5.5%</b>
<b>Operations</b>							
Transportation Services	8	197	347	225	225	(122)	-35.2%
Operating Services	84	47	447	250	250	(197)	-44.1%
Notices, Subscriptions, etc.	2,954	3,990	4,479	5,979	6,720	2,241	50.0%
Utilities	1,535	2,162	2,257	2,801	3,323	1,066	47.2%
Contractual Services	192,772	385,106	473,150	473,150	413,000	(60,150)	-12.7%
Repair & Maintenance Services	742	3,474	895	24,824	25,850	24,955	2788.3%
Employee programs	6	-	397	397	5,416	5,019	1264.2%
Professional Development/Travel	1,350	4,951	8,947	7,000	12,900	3,953	44.2%
Office Supplies	165	493	586	604	1,200	614	104.8%
Operating Supplies	223	499	1,689	289	2,050	361	21.4%
Fuel & Mileage	172	208	735	500	500	(235)	-32.0%
Machinery & Equipment (<\$25,000)	28,704	58,125	30,600	30,600	61,025	30,425	99.4%
Repair & Maintenance Supplies	-	18,997	2,730	1,575	15,000	12,270	449.5%
Property & Liability Costs	9,736	13,777	15,659	43,213	44,421	28,762	183.7%
Permits	1,480	800	2,393	2,393	1,040	(1,353)	-56.5%
Other Business Expenses	-	27	-	-	50	50	100.0%
<b>Total Operations</b>	<b>239,931</b>	<b>492,854</b>	<b>545,312</b>	<b>593,800</b>	<b>592,970</b>	<b>47,658</b>	<b>8.7%</b>
Infrastructure	-	-	-	363,105	-	-	0.0%
Machinery & Equipment (>\$25,000)	60,361	31,951	2,150,000	100,000	2,576,000	426,000	19.8%
<b>Capital</b>	<b>60,361</b>	<b>31,951</b>	<b>2,150,000</b>	<b>463,105</b>	<b>2,576,000</b>	<b>426,000</b>	<b>19.8%</b>
<b>Total TOC</b>	<b>558,467</b>	<b>809,561</b>	<b>3,055,492</b>	<b>1,424,748</b>	<b>3,549,111</b>	<b>493,618</b>	<b>16.2%</b>

### Notes & Objectives

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
		<b>Personnel</b>								
=	81110	REGULAR PAY	196,940	204,989	270,868	143,691	270,236	273,685	284,632	296,017
	81120	OVERTIME PAY	819	1,021	1,200	23	1,200	1,200	1,200	1,200
	81199	VACANCY ADJUSTMENT			(9,094)		(9,458)	(9,579)	(9,962)	(10,361)
=	XWAGE	TOTAL WAGES	197,759	206,010	262,974	143,714	261,978	265,306	275,870	286,856
=	81410	FICA (EMPLOYER'S SHARE)	14,492	15,101	19,878	10,399	20,673	20,937	21,774	22,645
=	81420	MEDICAL PREMIUMS	33,159	45,565	60,121	33,035	66,133	77,630	85,393	93,932
=	81430	GROUP INSURANCE PREMIUMS	2,862	3,428	4,091	2,199	4,296	5,353	5,621	5,902
=	81440	EMPLOYEE INSURANCE CONTRIBUTIONS	(9,403)	(10,150)	(12,741)	(8,906)	(14,015)	(21,028)	(23,131)	(25,444)
!	81450	RETIREMENT CONTRIBUTIONS	13,344	18,228	19,594	15,722	21,553	23,709	26,080	28,688
	81455	DEFERRED COMP MATCH	5,760	5,985	6,048	3,803	7,000	8,000	8,000	8,000
	81470	WORKERS COMPENSATION PREMIUMS	202	589	215	561	225	235	235	235
	81475	WORKERS COMPENSATION CLAIMS								
=	XBEN	TOTAL BENEFITS	60,416	78,746	97,206	56,813	105,865	114,836	123,972	133,958
=	XPER	TOTAL PERSONNEL	258,175	284,756	360,180	200,527	367,843	380,142	399,842	420,814
		<b>Operations</b>								
	82110	MAILING & OUTBOUND SHIPPING SERVICES	8	143	347	53	150	150	158	174
	82120	FREIGHT FOR INBOUND PURCHASED ITEMS								
	82130	VEHICLE LICENSES & TITLES		54			75	75	79	87
=	XTRC	TOTAL TRANSPORTATION CHARGES	8	197	347	53	225	225	237	261
	82210	PRINTING & COPYING SERVICES, OUTSOURCED			116	17	250	250	263	276
+	82250	TESTING & PHYSICALS	84	47	331					
	1									
	2									
	3	Various	84	47	331					
*		Amount missing from detail								
=	XOPSV	TOTAL OPERATING SERVICES	84	47	447	17	250	250	263	276
	82310	LEGAL NOTICES	2,198	2,849	2,912		2,500	2,500	2,625	2,756
+	82350	DUES FOR MEMBERSHIPS	756	981	1,567	330	3,220	3,220	3,381	3,550
	01	Various	756	981	1,567	330	3,220	3,220	3,381	3,550
	02									
	03									
	04									
*		Amount missing from detail								
	82370	PROMOTIONS & SPECIAL EVENTS (NOT CITY SPONSORED)		160						
+	82390	PUBLICATIONS, NON-TRAINING				259	259	1,000	1,050	1,103
	1	ITE Trip Generation Manual 9th Edition								
	3	Various					259	1,000	1,050	1,103
*		Amount missing from detail				259				
=	XNSP	TOTAL NOTICES, SUBSCRIPTIONS, PUBLICITY	2,954	3,990	4,479	589	5,979	6,720	7,056	7,409
	82450	TELEPHONE SERVICE	587	600	635	5,786	630	661	694	729
	82451	800 MHZ ACCESS LINE SERVICE	91	93	101	57	101	106	111	116
+	82455	CELLULAR TELEPHONE SERVICE	186	542	723	409	1,350	1,800	1,890	1,985
	1	Cell Phone for New Traffic Engineer Position	186	542	723	409	1,350	1,800	1,890	1,985
*		Amount missing from detail								
	82470	INTERNET & RELATED SERVICES	671	927	798	420	720	756	794	833

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
=	XUTIL	TOTAL UTILITIES	1,535	2,162	2,257	6,672	2,801	3,323	3,489	3,663
+	82510	COMPUTER SERVICES	28,343	21,048	3,150	1,416	3,150	38,000	39,900	41,895
	1	Various	28,343	21,048	3,150	1,416	3,150			
	2	Caliper Corporation (TransCAD Support)						38,000	39,900	41,895
	*	Amount missing from detail								
!	82540	ENGINEERING SERVICES	158,550	338,810	410,000	80,651	410,000	300,000	315,000	330,750
+	82560	CONSULTANT SERVICES	5,879	25,248	60,000		60,000	75,000	78,750	82,688
!	01	Various	5,879	25,248	60,000		60,000	75,000	78,750	82,688
	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	192,772	385,106	473,150	82,067	473,150	413,000	433,650	455,333
	82610	VEHICLE REPAIR & MAINTENANCE SERVICES	297	31	315	188	200	350	368	386
+	82620	EQUIPMENT REPAIR & MAINTENANCE SERVICES	445	553	580			15,500	16,275	17,088
	1	NovaCopy								
	3	Various	445	553	580			15,500	16,275	17,088
	4	Emergency Fiber Optic Repair for TOC Fiber								
	*	Amount missing from detail								
	82640	PAVING & REPAIR SERVICES				19,635	19,635			
	82641	TRAFFIC SIGNAL REPAIR & MAINTENANCE SERVICES		2,890						
	82647	SIDEWALK REPAIR				4,989	4,989			
	82649	FIBER OPTIC SERVICE						10,000	10,500	11,025
=	XRMSV	TOTAL REPAIR & MAINTENANCE SERVICES	742	3,474	895	24,812	24,824	25,850	27,143	28,499
	82750	EMPLOYEE RECOGNITION/RECEPTIONS	6		397		397	416	438	460
	82780	TRAINING, OUTSIDE						5,000	5,250	5,513
=	XEPG	TOTAL EMPLOYEE PROGRAMS	6		397		397	5,416	5,688	5,973
+	82810	REGISTRATIONS	1,350	1,605	2,500	180	2,000	3,000	3,150	3,308
	1	Various	1,350	1,605	2,500	180	2,000	3,000	3,150	3,308
	2									
	3									
	7									
	8									
	9									
	*	Amount missing from detail								
+	82820	GROUND TRANSPORTATION (OUTSIDE WILLIAMSON COUNTY)		1,142	2,399	467	1,500	1,000	1,050	1,103
	1	Various		1,142	2,399	467	1,500	1,000	1,050	1,103
	3									
	4									
	*	Amount missing from detail								
+	82830	AIR TRAVEL						2,000	2,100	2,205
	3									
	4									
	5	Various						2,000	2,100	2,205
	*	Amount missing from detail								
+	82840	LODGING		1,888	2,296	268	2,000	4,500	4,725	4,961



	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
	01									
	02									
	03	Various		1,888	2,296	268	2,000	4,500	4,725	4,961
	04									
	*	Amount missing from detail								
+	82850	MEALS (OUTSIDE WILLIAMSON COUNTY)		316	1,752	128	1,500	2,000	2,100	2,205
	01									
	02									
	03	Various		316	1,752	128	1,500	2,000	2,100	2,205
	04									
	*	Amount missing from detail								
	82890	OTHER TRAVEL EXPENSES						400	420	441
=	XPDT	TOTAL PROFESSIONAL DEVELOPMENT/TRAVEL	1,350	4,951	8,947	1,043	7,000	12,900	13,545	14,223
	83110	OFFICE SUPPLIES	110	147	231	207	497	600	630	661
	83130	EMPLOYEE BENEVOLENCE ITEMS			105	107	107	100	105	110
	83140	MEALS & FOOD (INSIDE WILLIAMSON COUNTY)	55	346	250	277		500	525	551
=	XOFS	TOTAL OFFICE SUPPLIES	165	493	586	591	604	1,200	1,260	1,322
+	83250	SAFETY SUPPLIES			1,400			500	525	551
	1									
	2	Various			1,400			500	525	551
	*	Amount missing from detail								
	83260	UNIFORMS PURCHASED	223	279	289		289	550	577	606
	83299	OTHER OPERATING SUPPLIES		220		1,067		1,000	1,050	1,103
=	XOPS	TOTAL OPERATING SUPPLIES	223	499	1,689	1,067	289	2,050	2,152	2,260
	83310	GASOLINE & DIESEL FOR FLEET (INSIDE WILLIAMSON COUNTY)	172	208	735	146	500	500	525	551
=	XFUEL	TOTAL FUEL & MILEAGE	172	208	735	146	500	500	525	551
+	83530	MACHINERY & EQUIPMENT (<\$25,000)	26,323	40,486	10,000	14,760	10,000	50,000	52,500	55,125
!	1	Various	26,323	40,486	10,000	14,760	10,000	50,000	52,500	55,125
	2									
	3									
	4	MioVision Camera								
	*	Amount missing from detail								
+	83540	COMPUTER HARDWARE (<\$25,000)	2,000	11,682	7,100	2,420	7,100	1,750	1,838	1,929
!	01	Various	2,000	11,682	7,100		7,100	1,750	1,838	1,929
	02	Cisco Video Matrix - Lease Payment (moved to Lease 86600)								
	*	Amount missing from detail				2,420				
+	83550	COMPUTER SOFTWARE (<\$25,000)	381	5,957	13,500	160	13,500	9,275	9,739	10,226
	1									
	2									
	3	TransCAD (moved to 82510)								
	4									
	5									
	6	Various	381	5,957	13,500	160	13,500	9,275	9,739	10,226
	7									
	*	Amount missing from detail								
=	XMEU	TOTAL MACHINERY & EQUIPMENT (<\$25,000)	28,704	58,125	30,600	17,340	30,600	61,025	64,077	67,280
	83620	EQUIPMENT PARTS & SUPPLIES			1,575		1,575	10,000	10,500	11,025
+	83641	TRAFFIC SIGNAL PARTS & SUPPLIES		18,523	1,155					
	01	Various		18,523	1,155					
	*	Amount missing from detail								
	83649	FIBER OPTIC SUPPLIES		474				5,000	5,250	5,513
	83699	OTHER REPAIR & MAINTENANCE PARTS & SUPPLIES								

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
=	XRMS	TOTAL REPAIR & MAINTENANCE SUPPLIES		18,997	2,730		1,575	15,000	15,750	16,538
	85110	PROPERTY INSURANCE	1,030	955	1,136	941	1,136	1,000	1,050	1,103
	85111	FRAUD INSURANCE				689	689	723	760	798
	85112	INLAND MARINE INSURANCE		82	100	75	75	100	105	110
	85113	AUTO PHYSICAL DAMAGE	1		1					
	85115	LIABILITY INSURANCE	7,048	10,715	11,251	32,166	32,166	33,000	34,650	36,383
	85116	E&O LIABILITY INSURANCE				5,840	5,840	6,000	6,300	6,615
	85117	VEHICLE LIABILITY INSURANCE								
	85118	LAW ENFORCEMENT LIABILITY INSURANCE								
	85119	UMBRELLA LIABILITY	1,657	2,026	2,127	2,262	2,262	2,500	2,625	2,756
	85120	PROPERTY DAMAGE COSTS			1,045		1,045	1,097	1,152	1,209
=	XPLC	TOTAL PROPERTY & LIABILITY COSTS	9,736	13,778	15,660	41,973	43,213	44,420	46,642	48,974
	85310	PERMITS			1,313		1,313			
	85320	STATE FEES	1,480	800	1,080	140	1,080	1,040	1,092	1,147
	85340	RECORDING & FILING FEES								
=	XPERM	TOTAL PERMITS	1,480	800	2,393	140	2,393	1,040	1,092	1,147
	85530	E-COMMERCE FEES		27				50	53	55
=	XFLF	TOTAL FINANCIAL FEES		27				50	53	55
+	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								
=	XOP	TOTAL OPERATIONS	239,931	492,854	545,312	176,510	593,800	592,969	622,622	653,764
		Capital								
	89420	STREETS				48,146	48,146			
	89460	SIDEWALKS				43,292	43,292			
	89470	TRAFFIC SIGNALS				271,667	271,667			
=	XINFR	TOTAL INFRASTRUCTURE				271,667	271,667			
+	89530	MACHINERY & EQUIPMENT (>\$25,000)	60,361	31,951	2,150,000	9,779	100,000	2,500,000	1,250,000	1,250,000
	01	Mallory Station Road @ Mallory Lane and South Springs								
	02	Carothers @ SR96 Turn 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								
	07	Franklin ITS Extension (80/20 Match)								
!	08	Various	60,361	31,951	2,150,000	9,779	100,000	2,500,000	1,250,000	1,250,000
	*	Amount missing from detail								
	89531	MACHINERY & EQUIPMENT (>25,000) NON-GRANT								

	Account	Label	Actual 2016	Actual 2017	Budget 2018	YTD@2/23/2018	Estd 2018	Budget 2019	Forecast 2020	Forecast 2021
	89532	MACHINERY & EQUIPMENT (>\$25,000) GRANT								
	89550	COMPUTER SOFTWARE (>\$25,000)						76,000		
=	XMEO	TOTAL MACHINERY & EQUIPMENT (>\$25,000)	60,361	31,951	2,150,000	9,779	100,000	2,576,000	1,250,000	1,250,000
=	XCAP	TOTAL CAPITAL	60,361	31,951	2,150,000	281,446	371,667	2,576,000	1,250,000	1,250,000
=	XTOT	TOTAL EXPENDITURES	558,467	809,561	3,055,492	658,483	1,333,310	3,549,111	2,272,464	2,324,578