SPECIAL COUNCIL MEETING - BUDGET REVIEW AGENDA

CITY HALL COUNCIL CHAMBERS, 15 LOOCKERMAN PLAZA, DOVER, DELAWARE

PUBLIC COMMENTS ARE WELCOMED ON ANY ITEM AND WILL BE PERMITTED AT APPROPRIATE TIMES. WHEN POSSIBLE, PLEASE NOTIFY THE CITY CLERK (736-7008 OR E-MAIL AT CITYCLERK@DOVER.DE.US) SHOULD YOU WISH TO BE RECOGNIZED.

AGENDA ADDITIONS/DELETIONS

MAY 30, 2017 - 6:00 P.M.

1. **INTRODUCTION AND PRESENTATION OF FISCAL YEAR 2018 RECOMMENDED BUDGET**
2. **HIGHLIGHTS OF OVERALL BUDGET**
3. **ELECTRIC FUND POWER COST ADJUSTMENT (PCA) CREDIT**
4. **SANITATION COST OF SERVICE RECOMMENDATION**
5. **PUBLIC SAFETY FEE RECOMMENDATION**
6. **RETIREMENT BENEFITS**

BREAK.. . . . . (7:15 - 7:30 P.M.)

7. **OPERATING DEPARTMENT AND DIVISION SUMMARIES**
8. **FUND SUMMARIES AND RESERVE ACCOUNTS**
9. **REVIEW OF CAPITAL INVESTMENT PLAN SUMMARIES**
10. **RECESS BY 9:00 P.M.**

MAY 31, 2017 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 30, 2017)

AGENDA ADDITIONS/DELETIONS

1. **CITY POLICIES AND PROCEDURES**
   - **A. FINANCIAL POLICY**
   - **B. BUDGET AMENDMENT PROCEDURE**

BREAK.. . . . . (7:15 - 7:30 P.M.)

2. **QUESTIONS, ANSWERS, OPEN DISCUSSION, AND MARKUP**
3. **RECESS BY 8:00 P.M.**

JUNE 1, 2017 - 6:00 P.M. (CONTINUATION OF RECESSED MEETING OF MAY 31, 2017, IF NECESSARY)

AGENDA ADDITIONS/DELETIONS

1. **QUESTIONS, ANSWERS, OPEN DISCUSSION, AND MARKUP**

   BREAK.. . . . . (7:15 - 7:30 P.M.)

2. **ADJOURNMENT BY 8:00 P.M.**

(ALL OF THE ABOVE TIMES ARE ESTIMATED AND ARE SUBJECT TO CHANGE BASED ON LENGTH OF DISCUSSION)

EXECUTIVE SESSION PURSUANT TO:

29 DEL. C. §10004(B)(2) - PRELIMINARY DISCUSSIONS ON SITE ACQUISITIONS FOR ANY PUBLICLY FUNDED CAPITAL IMPROVEMENTS, OR SALES OR LEASES OF REAL PROPERTY;

29 DEL. C. §10004(B)(4) - STRATEGY SESSIONS, INCLUDING THOSE INVOLVING LEGAL ADVICE OR OPINION FROM AN ATTORNEY-AT-LAW, WITH RESPECT TO COLLECTIVE BARGAINING OR PENDING OR POTENTIAL LITIGATION, BUT ONLY WHEN AN OPEN MEETING WOULD HAVE AN ADVERSE EFFECT ON THE BARGAINING OR LITIGATION POSITION OF THE PUBLIC BODY;

29 DEL. C. §10004(B)(6) - DISCUSSION OF THE CONTENT OF DOCUMENTS, EXCLUDED FROM THE DEFINITION OF "PUBLIC RECORD" IN §10002 OF THIS TITLE WHERE SUCH DISCUSSION MAY DISCLOSE THE CONTENTS OF SUCH DOCUMENTS;

29 DEL. C. §10004(B)(9) - PERSONNEL MATTERS IN WHICH THE NAMES, COMPETENCY AND ABILITIES OF INDIVIDUAL EMPLOYEES ARE DISCUSSED, UNLESS THE EMPLOYEE REQUESTS THAT SUCH A MEETING BE OPEN

/TM

S:\AGENDAS-MINUTES-PACKETS-PRESENTATIONS-ATT&EXH\COUNCIL-AGENDAS\2017\05-30-2017 SPECIAL COUNCIL-BUDGET REVIEW.WPD



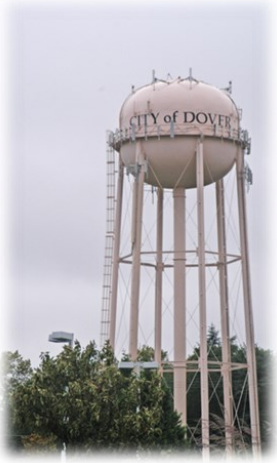
















FY 2017-2018 Draft Annual Operating Budget

With 2018-2022 Capital Investment Plans

City of Dover, Delaware
FY 2017–2018 Draft Budget
With 2018–2022 Capital Investment Plans

Section Page

Introductory Section
City Manager's Letter 3
City of Dover Vision 4
City Organizational Chart 5

Budget Summary
Highlights of Overall Budget 7
Major Rate & Fee Trends 22
Electric Fund PCA Credit 23
Sanitation Cost of Service Recommendation 31
Police Extra Duty Cost of Service Recommendation 36
Public Safety Fee Recommendation 39
Retirement Benefits 41
Budget Review FY 2017-2018 45
General Fund 47
Water/Wastewater Fund 75
Electric Fund 80

Fund Summaries & Reserve Accounts
All Funds Summary 89
General Fund
Cash Receipt Summary 90
Expense Summary 91
Governmental Capital Projects 96
Water/Wastewater 97
Electric 102
Charter Article IV, Sec44 & Financial Policies
Sec. 44 – Annual Budget 108
Financial Policies 109
Budget Administration Guidelines 118

Personnel Information
Personnel Table 122
Personnel Cost Summary 123
Overtime Trends
FY15 through FY18 Comparison 124

Capital Investment Plan
Total City Summary 127
General
Funding Source Summary FY18-FY22 129
Projects by Department FY18-FY22 130
Water/Wastewater(Water/WW)
Funding Source Summary FY18-FY22 154
Projects by Department FY18-FY22 155
Electric
Funding Source Summary FY18-FY22 178
Projects by Department FY18-FY22 179
Vehicle Replacements
General FY18-FY22 223
Water/WW FY18-FY22 227
Electric FY18-FY22 230

Debt Service
Debt Limit
Legal Debt Margin 233
Debt Service Schedules
Projected Debt Service 234
Water/WW Revenue Bonds 235
Electric Revenue Fund 237

General
FY 2018 Annual Operating Budget
Mayor 241
City Council 243
City Manager 245
City Clerk 247
Customer Services 249
Finance 251
Procurement & Inventory 252
Fire 254
Human Resources 256
Information Technology 258
Parks & Recreation 260
Library 262
Police 264

General – Continued

Page

Tax Assessor 267

Planning & Inspections

Planning/CDBG 269
Life Safety 270
Code Enforcement 271
Inspections 272

Public Works

Administration 274
Public Works Engineering 275
Facilities Management 276
Fleet Maintenance 277
Grounds 278
Sanitation 279
Street 280

Public Utilities

Water/Wastewater

Water/WW Engineering 284
Water Management 285
Wastewater Management 286
Water Treatment Plant 287

Electric

Power Plant Operations 290
Power Supply 291
Transmission & Distribution 292
Electric Engineering 293
Administration 294
Meter Reading 295
System Operations 296

Other Funds

Municipal Street Aid 298
Realty Transfer Tax 299
Worker's Compensation 300
Community Transportation 301
Library Grants 302
Police Grants 303
Electric Red Light Program 304
Community Development Block Grant (CDBG) 305
Substance Abuse Prevention Program 306

Introduction



City Manager's Letter

City of Dover Vision

City Organizational Chart

Annual Operating Budget for Fiscal Year July 1, 2017—June 30, 2018

"Community Excellence Through Quality Service"

City of Dover

May 17, 2017

Honorable Mayor & Members of City Council
City of Dover
Dover, DE 19901

RE: Fiscal Year 2017-2018 Proposed Budget Operating Department & Division Summaries

Dear Mayor & Members of City Council:

Enclosed is the proposed Fiscal Year 2017-2018 City of Dover Budget for your consideration. The City staff provided a great deal of assistance in meeting the challenges we faced with the presentment of a balanced and policy compliant budget. The proposed budget reflects our continued commitment to providing cost-effective, efficient, basic municipal services for our citizens, visitors and business community.

The total financial program for FY-2018 is proposed to be $143,079,600 (this includes an operating budget of $130,522,000 and a capital investments budget of $12,557,600). The FY-2018 financial program represents an increase of 3.3% over the original FY-2017 financial program ($138,472,000).

The budget recommendation includes cost of service rate increases for sanitation operations and police extra duty services. Past discussions regarding a public safety fee for tax exempt properties has been addressed with a recommendation for discussion and approval. Finally, a distribution of FY16 excess earnings for the Electric Utility is recommended as a PCA Credit of $.00855. This represents a $6.2 million or 5.5% of revenue for the utility. Sample bills are included by customer class to demonstrate the savings to the customers.

The presentations that follow the Organization Chart in the Introductory Section of the budget document summarizes all the key factors that influenced this budget and the end results. The Budget Workshop will be conducted with emphasis on the materials in these documents. Long-term forecasting has not been included in the document and will be presented during the month of August to the Council Committee of the Whole. The presentation documents for the City of Dover Fiscal Year 2018 Recommended Budget are as follows –

Highlights of Overall Budget
Budget Review – Operating Department & Division Summaries
Capital Investment Plan – Funding Source & Project Summaries

The budget document includes a format change with the addition of two new columns on the Fund Summaries and the Departments/Division pages. The new format relays the amounts requested, City Manager's Recommendation, and a Council Approved column. We look forward to presenting the Fiscal Year 2017-2018 City of Dover Budget on May 30, 2017.

Respectfully,

Donna S. Mitchell

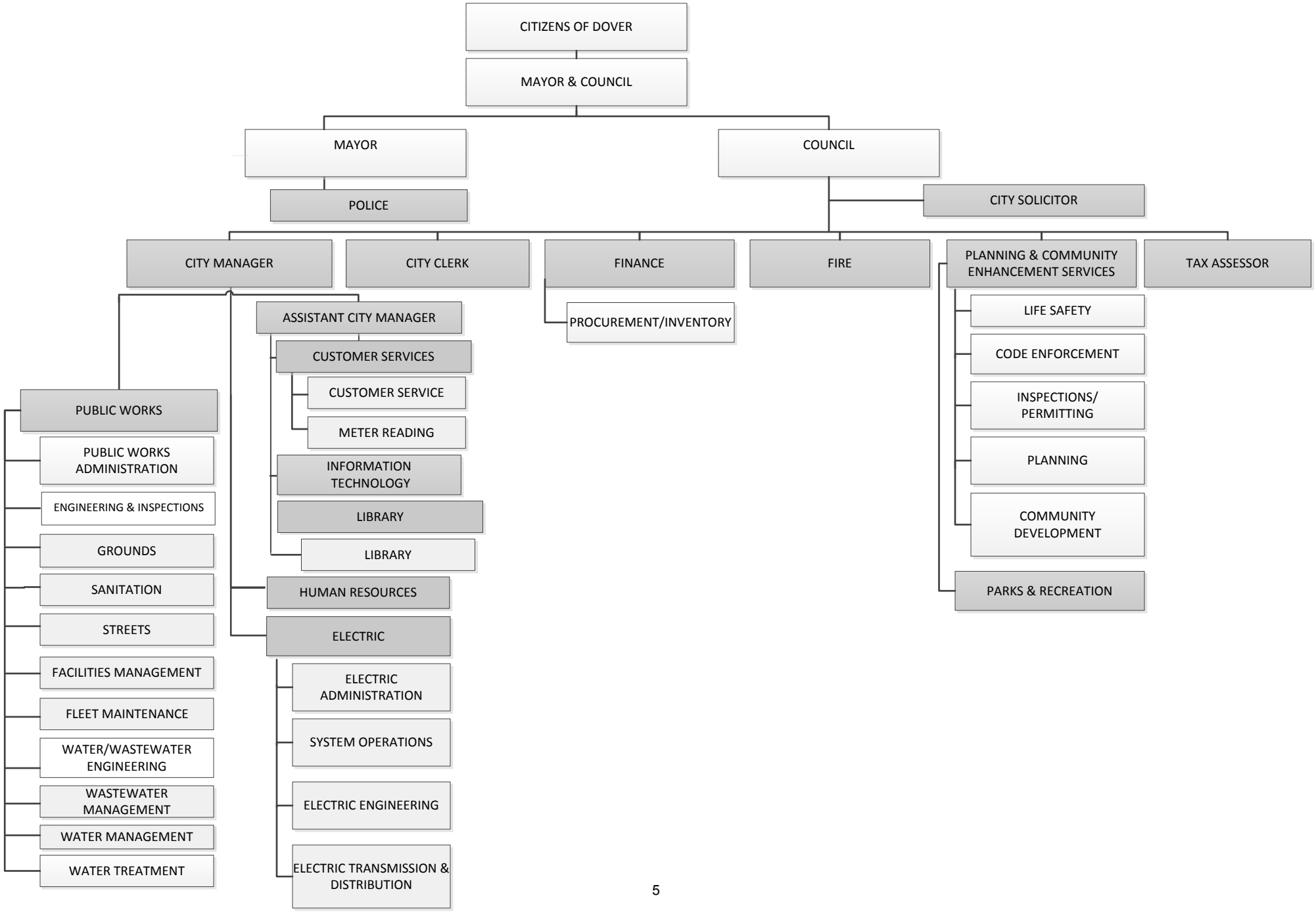
Donna S. Mitchell
Acting City Manager
dmitchell@dover.de.us
(302) 736-7005

VISION

The City of Dover is a place where people want to live! Through the team effort of its elected officials, employees, and citizens, Dover is a clean and safe community, with a future of balanced growth and opportunity where all citizens are heard, enjoy a high quality of life, and diversity is valued.

CITY OF DOVER

FISCAL YEAR 2018 ORGANIZATION CHART



Fund Summaries and Reserve Accounts



All Funds Summary

General Fund

Water/Wastewater Fund

Electric Fund

Charter Article IV Sec44 & Financial Policies

City of Dover Fiscal Year 2018 Recommended Budget

Highlights of Overall Budget

May 2017

General Fund

Public Safety, General & Community Services

Police * Fire * Life Safety * Code Enforcement
Planning * Public Inspections * Library * Recreation
Streets * Sanitation * Tax Assessor

Support Services for all City Operations

Mayor * City Council * City Clerk * City Manager
Finance * Customer Service * Human Resources
Information Technology * Procurement & Inventory
Public Works Administration * Grounds
Facilities Management * Fleet Maintenance

Water/Wastewater Utility

Engineering & Inspection
Water Distribution & Well Maintenance
Wastewater Distribution & Pump Station Maintenance
Water Treatment Plant
Capital Project Management

Electric Utility

Administration
Engineering & Inspection
Transmission & Distribution Maintenance
System Operations
Metering
Capital Project Management

Policy Compliance

- Revenue Policy
  - #7 – The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.
- Expenditure Policy
  - #2 – The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures. The Beginning Budget Balance will not be considered a revenue source.
- Budget Balance Policy – General Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. (8.33% = 1 month, 12% = 45 days)
- Budget Balance Policy – Water & Wastewater Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% of the current year operating revenues for the Water/Wastewater, excluding the carry forward balance. (17% = 2 months)
- Budget Balance Policy – Electric Fund
  - #1 – The City will strive to maintain a minimum Budget Balance, of at least 12% of the current year operating revenues for the Electric Fund, excluding the carry forward balance.

Policy Compliance (continued)

	General Fund	Water Utility	Wastewater Utility	Water/Wastewater Fund	Electric Fund *
Revenues	$42,811,600	$6,573,200	$8,865,800	$15,439,000	$81,874,200
Expenses	(42,793,000)	(6,318,400)	(8,783,700)	(15,102,100)	(80,947,000)
Surplus/(Deficit)	$18,600	$254,800	$82,100	$336,900	$927,200
Ending Budget Balance	$4,615,700	$1,585,700	$1,248,900	$2,834,600	$9,840,700
% of Revenue	10.8%	24.1%	14.1%	18.4%	12.0%
Beginning Budget Balance	$4,597,100	$1,330,900	$1,166,800	$2,497,700	$20,290,200
Less PCA Credit					(6,176,700)
Less Transfer to RSR					(5,200,000)
Adjusted Budget Balance					$8,913,500
Revenue Policy #7	✓	✓	✓	✓	✓
Budget Balance Policy #1	✓	✓	✓	✓	✓
Expenditure Policy #3	✓	✓	✓	✓	✓

* The Electric Fund Revenues do not include the distribution of prior year's earnings $6.2 million from the FY17 Beginning Budget Balance as rebated through a Power Cost Adjustment (PCA) credit; nor does it reflect $5.2 million of FY17 projected savings that are recommended to be transferred to the Rate Stabilization Reserve until such time the Rate Design analysis is completed.

City Revenue – Rates & Fees

- General Fund
  - ✓ Sanitation rate increase recommended from $17 to $21 a 23.5 % increase to cover cost of service
  - ✓ Extra Duty Rate increases to cover cost of service
  - ✓ Development of a Public Safety Fee for mid-year consideration
- Water/Wastewater Fund
  - ✓ No proposed changes
- Electric Fund
  - ✓ Distribution of FY16 Excess Earnings to rate payers will be processed as a Power Cost Adjustment Credit - $.00855 or 5.5%

All Major Operating Funds
Personnel

- Pay increases in accordance with collective bargaining agreements
- Total Headcount
  - Increased 4 full-time positions: 1 Budget Analyst & 3 Customer Service positions.
  - Reduced 10 part-time positions: 5 Police cadets, 1 IT position, 2 Customer Service positions, 4 City Manager positions offset by an increase for 2 Library positions.
- Personnel Cost Increases – $648,400 over the original FY17 budget
  - Salary and wages increased $132,700
  - Employer's benefit cost increased $515,700 as follows
    - FICA $9,900
    - Health Care Premiums ($12,800) (includes Life, Indemnity & Disability premiums)
    - Worker's Compensation $51,900 (Last year of 3 year phase in of higher rates)
    - Pension ($169,800) Other Post Employment Benefits (retirement medical) $636,500
- Aggregates all vacation sell-back and education assistance in Other Employment Expenses
- Retirement payouts are recommended to be absorbed by attrition and new hires on hold until such time the budget will cover the position. Exceptions will be reviewed by the City Manager, Controller/Treasurer and Department Head.
- Cadet program does not have the grant funding to continue the program for all six cadets, funding was secured for one 19 hour position at $13,500. Needed to fund the five positions removed would be $67,500 (plus uniforms, etc.).

Personnel Continued

- Discussion and potential action items
  - Non-Bargaining pay increases
    - Based on the CPI a 2% pay increase is recommended for Non-Bargaining employees; The total wages and benefits equates to approximately $88,400 across all Funds.
  - Vacation Sell-Back
    - The City has had a long standing personnel policy that permits employees to sell back up to 80 vacation hours in the month of November based on years of service.
    - In FY17 the cost of this benefit was $303,800 with load
      - 40 hours or less was $77,400
      - Over 40 hours up to 80 hours was $226,400
    - Discontinuance of this benefit requires inclusion in the collective bargaining negotiations and Council action for non-bargaining employees.
      - Non-bargaining employee cost of this benefit was $56,300 in FY17 across all Funds.

General Fund Revenues

- Revenue increased as compared to the FY17 Original Budget
  - $588,100 or 1.4%

- Major increases/(decreases) affecting revenues
  - Transfer Taxes ($463,400)
    - Reflects a potential rate change from 1.5% to 1.25%
  - Extra Duty Grant Revenue ($198,600)
  - Planning/Inspections Permits & Fees $293,900
    - ($191,000 in Building Permits)
  - Fines & Police Revenue ($84,700)
  - Investment Income $48,000
  - Sanitation Fees $542,100
    - Recommended fee increase
  - Court of Chancery $250,000
  - Property Taxes $130,000 (growth related)
  - Police Pension Grant ($85,000)

General Fund Expenditures

- Expense increase over FY17 Original Budget – $569,500 or 1.3%

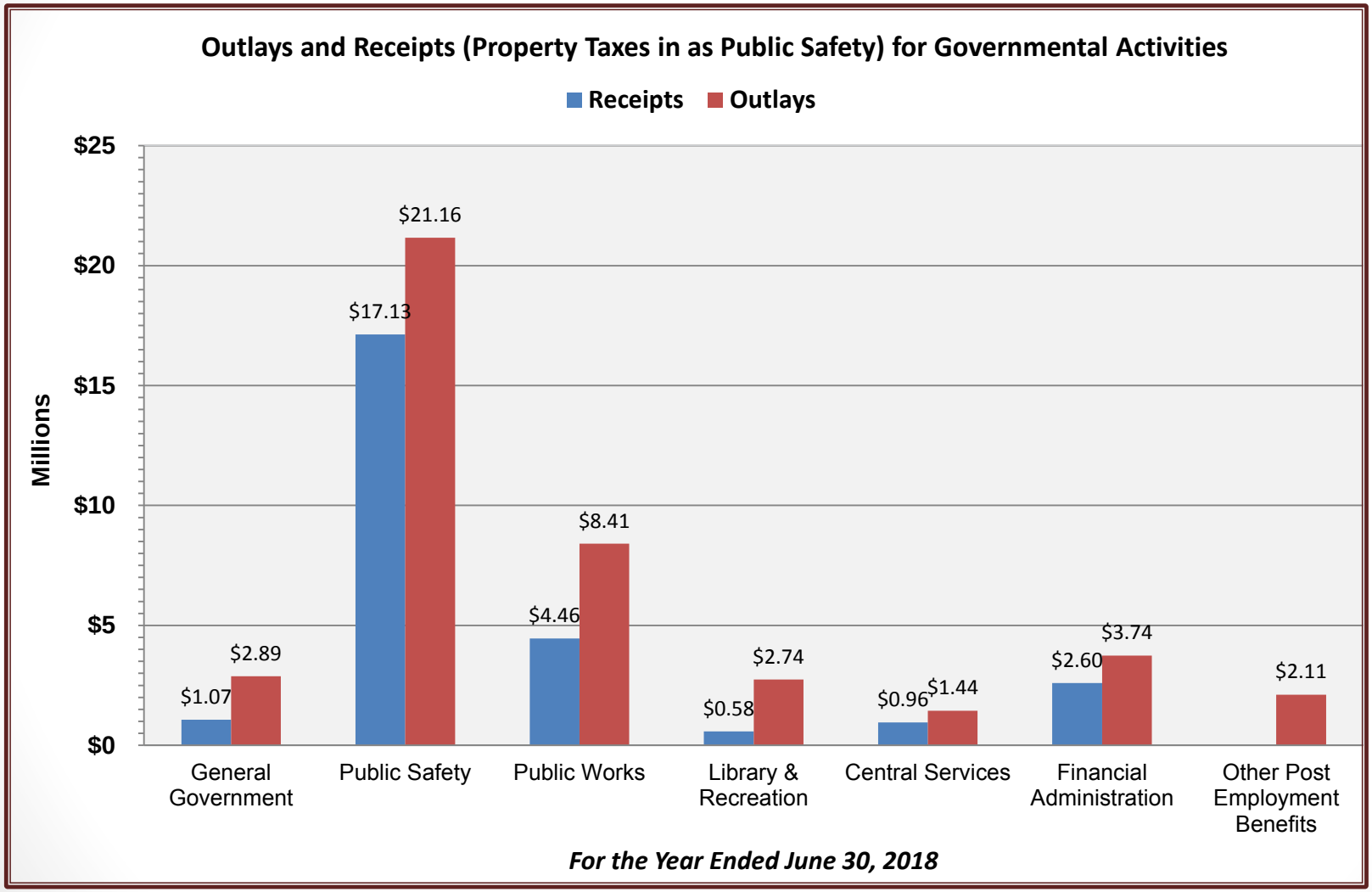
- Major increases/(decreases) affecting expenditures

  (see Division summaries for details)

  - Wages & Benefits $859,500
  - Police Extra Duty ($223,600)
    - Offset by revenue decrease
  - Sanitation contractual services $428,600
  - Insurance $35,000
  - Increased fleet maintenance cost $50,000
  - Other personnel cost & retiree medical $52,600
  - Other operational cost increases and bank fees $43,000
  - Debt Service ($242,200)
  - Appropriation to Police Pension Grant ($85,000)
    - Offset by revenue decrease
  - Appropriation to Police Pension Fund $91,500
  - Transfer to General Pension for COLA $48,400
  - Transfer to the Capital Project Fund ($452,300)
  - Transfer to Uncollectible Expense for demolitions $50,000

Note – list does not reflect adjustments to individual division budgets in order to balance this budget.

FY18 Proposed Budget - General Fund Program Receipts & Expenditures



Property Taxes

PROPERTY ASSESSMENT PROJECTION
2015 BASE YEAR

TAXABLE ASSESSED VALUE AS OF APRIL 7 2017			**$ 3,118,072,200.00**
Annual Appeals (Exemption Requests that have been submitted)	**Estimate Only**	$	(318,200.00)
Annual Appeals Estimate of Appeals	**Estimate Only**	$	(5,000,000.00)
Senior Citizen/Disability Exemption	**Estimate Only**	$	(22,000,000.00)
TOTAL TAXABLE ASSESSED VALUE			$ 3,090,754,000.00

CITY OF DOVER
PROJECTED PROPERTY TAX RECEIPTS
ACCRUAL METHOD OF ACCOUNTING
7/01/17 - 6/30/18

Using a tax of $0.405 per $100 of assessment, the estimated gross 7/01/17 billing will be:	$	12,517,553.70
Penalties	$	70,000.00
Estimated Quarterly Billing	$	28,000.00
PROJECTED PROPERTY TAX RECEIPT SUBTOTAL	**$**	**12,615,600.00**
Pay In Lieu of Taxes		
Luther Towers $27,227; State of Delaware $312,243.52; Milford Housing $7,500		**410,000**
Delaware State Housing Authority $13,000; Dover Housing Authority $50,000		
PROJECTED PROPERTY TAX RECEIPTS FOR FY 2017	**$**	**13,025,600.00**
$0.01 of tax rate equates to:	**$**	**309,075.40**

City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)

	Estimated 2018	Estimated 2017	2016	2015	2014	2013	2012
Debt Limit	$ 154,538	$ 152,627	$ 155,396	$ 158,485	$ 157,995	$ 159,075	$ 158,465
Net (Taxable) Assessed Value on Books	3,090,754	3,052,549	3,107,912	3,169,707	3,159,894	3,181,496	3,169,308
Total net debt applicable to limit	5,877	6,210	6,783	7,337	4,050	4,479	1,550
Legal Debt Margin	$ 148,661	$ 146,417	$ 148,613	$ 151,148	$ 153,945	$ 154,596	$ 156,915
Total Net Debt applicable to limit as a percentage of debt limit	3.80%	4.07%	4.36%	4.63%	2.56%	2.82%	0.98%
Legal Debt Margin Calculation for Fiscal Year 2017							
Net (Taxable) Assessed Value on Books	$ 3,090,754	$ 3,052,549	$ 3,107,912	$ 3,169,707	$ 3,159,894	$ 3,181,496	$ 3,169,308
Debt Limit - 5 Percent of Total Assessed Value	$ 154,538	$ 152,627	$ 155,396	$ 158,485	$ 157,995	$ 159,075	$ 158,465
DEBT (For which the City's full faith and credit has been pledged)							
Gross Bonded Debt	5,877	6,210	6,783	7,337	4,050	4,479	1,550
LEGAL DEBT MARGIN	$ 148,661	$ 146,417	$ 148,613	$ 151,148	$ 153,945	$ 154,596	$ 156,915

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or $7,726,900 based on the 2018 Estimate.

Water/Wastewater Fund

- Revenue decrease over FY17 Original Budget ($28,200) or -.2%
- Expense increase over FY17 Original Budget $934,100 or 6.5%

- Major increases/(decreases) affecting revenues
  - Water Service fees $114,600
  - Wastewater Service Fees ($32,000)
  - Wastewater Treatment Fees ($47,100)
  - Groundwater Inflow Adjustment ($38,300)
  - Water Tank Space Leasing $25,200
  - Impact Fees ($40,000)

- Major increases/(decreases) affecting expenses
  - Wages & Benefits $55,000
  - Water Treatment Plant contractual services $24,000
  - Kent County Treatment fees ($203,500)
  - Internal service allocations $46,000
  - Debt Service – ($89,800) Deferred SRF Loans until projects are ready
  - Transfer to Electric Fund – ($231,200)
  - Transfers to reserves ($170,000)
  - Increased Wastewater transfer to General Fund $25,000
  - Capital Project Appropriations $1,200,000

Electric Fund

- Revenue increase over FY17 Original Budget $647,600 or .8%
- Expense increase over FY17 Original Budget $1,925,500 or 2.4%
  - Exclusive of transfer to the Rate Stabilization Reserve of $5.2 million for FY17 projected savings
- Major increases/(decreases) affecting revenues
  - Customer sales increase $664,800
  - Other revenue decreased ($17,200)
- Major increases/(decreases) affecting expenses
  - Power Supply & Generation ($79,100)
  - Wages & Benefits $17,600
  - Operating expenses decreased ($176,000)
    - Legal expenses and consulting services budgeted at $125,000 were moved to Other Expenses for RFP's and Legal services associated with power supply and generation
  - Retiree health care $220,300 due to retirements
  - Internal service allocations $60,100
  - OPEB Appropriation towards unfunded liability $1.0 million
  - Pension Appropriation towards unfunded liability $1.0 million
  - Transfers to other accounts as follows
    - Transfer to Rate Stabilization Reserve $5.2 million of projected favorability in FY17 Electric Fund budget; to be incorporated into a potential phase in of the Rate Design Analysis to be completed in FY18.

City of Dover
Major Rate & Fee Trends

GENERAL FUND	Actual 2008/09	Actual 2009/10	Actual 2010/11	Actual 2011/12	Actual 2012/13	Actual 2013/14	Actual 2014/15	Actual 2015/16	Budget 2016/17	Budget 2017/18
Rolled Back/(Up) Property Tax Rate @ 100% value			*$0.3108*					*$0.3499*		
Property Tax Rate Approved	$0.3300	$0.3300	*$0.3378*	$0.3378	$0.3378	$0.3378	$0.3378	*$0.4050*	*$0.4050*	*$0.4050*
Property Tax Rate Increase Proposed for revenue requirement								$0.0551		
Property Tax Rate Increase/(Decrease) (excluding 100% rollback/up)			$0.0270					$0.0121		
Trash Fees (in City) - implemented FY2000	$5.85	$5.85	$11.70	$11.70	$17.00	$17.00	$17.00	$17.00	$17.00	$21.00
Trash Fees (outside City)	$29.00	$29.00	$42.75	$42.75	$42.75	$42.75	$42.75	$42.75	$42.75	$54.00
Transfer from Electric Utility	6.6%	6.5%	8.0%	8.0%	$8 million	$8 million	$10 million	$10 million	$10 million	$10 million
% of Electric Fund Revenues					8.3%	9.6%	12.5%	12.2%	12.3%	12.2%
% of General Fund Revenues					22.3%	22.5%	25.7%	23.9%	23.7%	23.4%
Transfer from Water/Wastewater Utility	5.0%	4.5%	0.0%	4.5%	$500,000	$500,000	$500,000	$850,000	$875,000	$900,000
% of Water/Wastewater Fund Revenues					3.7%	3.6%	3.4%	5.7%	5.7%	5.8%
% of General Fund Revenues					1.4%	1.4%	1.3%	2.0%	2.1%	2.1%
WATER/WASTEWATER FUND										
Water per 1,000 gal	$2.45	$2.70	$3.00	$3.00	$3.00	$3.00	$3.00	$3.00	$3.00	$3.00
Water per 1,000 gal (Outside City)	$3.68	$4.05	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50	$4.50
Water Flat Rate Charge (new source)	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$2.50	$2.50	$2.50	$2.50
Wastewater per 1,000 gal. Charge	$2.10	$2.10	$2.65	$2.65	$2.65	$2.65	$2.65	$2.65	$2.65	$2.65
Wastewater per 1,000 gal (Outside City)	$3.15	$3.15	$3.98	$3.98	$3.98	$3.98	$3.98	$3.98	$3.98	$3.98
Wastewater Flat Rate Charge (new source)	$1.25	$1.25	$1.25	$1.25	$1.25	$1.25	$2.50	$2.50	$2.50	$2.50
Kent County Sewer Treatment Fee - Rate set by County	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34	$2.34
Kent County Sewer Adjustment (new source for I & I - City)			$1.05	$1.05	$1.05	$1.05	$1.50	$1.50	$1.50	$1.50
ELECTRIC FUND										
Residential Rate Changes (includes any PCA adj.)	$0.1450	$0.1450	$0.1407	$0.1364	$0.1316	$0.1204	$0.1204	$0.1203	$0.1203	$0.1203
Increase %	8.0%	0.0%	-3.0%	-3.1%	-3.5%	-8.5%	0.0%	-0.1%	0.0%	0.0%
Power Cost Adjustment									($0.00252)	($0.00855)
Electric Fund Customer Charge	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$5.00	$7.50	$8.50	$8.50
Reconnect Fees	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100	$50 - $100
Return Check Fees	$25	$25	$25	$25	$25	$25	$25	$40	$40	$40

City of Dover
Budget Workshop
Fiscal Year 2017-2018

Electric Fund PCA Credit

Electric Fund – PCA Credit

- Recommended distribution of earnings $6,176,700 or approximately 5.5% of revenue, result of lower cost of service than projected for FY16.
- Key factors –
  - Higher customer sales $.6 million
  - Lower cost of power supply $7.4 million
  - Higher generation cost $.6 million
- PCA Credit ($.00855) by customer class
  - Monthly bill samples as follows

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Dover Air Force Base		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ -	$ -	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06350	$ 0.06350	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 10.50	$ 10.50	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	0.00%	0.00%		
Average Monthly Energy	- kWh -	4,371,250	4,371,250		
Average Monthly Billing Demand	- kW -	8,283	8,283		
Average Monthly Load Factor	- % -	73.30%	73.30%		
Customer Charge	- $ -	$ -	$ -	$ -	0.00%
Energy Charges	- $ -	$ 277,574.38	$ 277,574.38	$ -	0.00%
Demand Charges	- $ -	$ 86,971.50	$ 86,971.50	$ -	0.00%
Subtotal - Base Rates		$ 364,545.88	$ 364,545.88	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (11,015.55)	$ (37,374.19)	$ (26,358.64)	239.29%
Green Energy Fund Charges	- $ -	$ 778.08	$ 778.08	$ -	0.00%
Utility Tax	- $ -	$ -	$ -	$ -	0.00%
Total Bill		$ 354,308.41	$ 327,949.77	$ (26,358.64)	-7.44%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
First State Power Mgmt. (NRG)		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 3,680.00	$ 3,680.00	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06370	$ 0.06370	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 10.50	$ 10.50	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	2.00%	2.00%		
Average Monthly Energy	- kWh -	163,117	163,117		
Average Monthly Billing Demand	- kW -	1,475	1,475		
Average Monthly Load Factor	- % -	15.36%	15.36%		
Customer Charge	- $ -	$ 3,680.00	$ 3,680.00	$ -	0.00%
Energy Charges	- $ -	$ 10,390.55	$ 10,390.55	$ -	0.00%
Demand Charges	- $ -	$ 15,487.50	$ 15,487.50	$ -	0.00%
Subtotal - Base Rates		$ 29,558.05	$ 29,558.05	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (411.05)	$ (1,394.65)	$ (983.60)	239.29%
Green Energy Fund Charges	- $ -	$ 29.03	$ 29.03	$ -	0.00%
Utility Tax	- $ -	$ 583.52	$ 563.85	$ (19.67)	-3.37%
Total Bill		$ 29,759.55	$ 28,756.29	$ (1,003.27)	-3.37%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Kraft		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ -	$ -	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06370	$ 0.06370	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 10.50	$ 10.50	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	2.00%	2.00%		
Average Monthly Energy	- kWh -	3,867,108	3,867,108		
Average Monthly Billing Demand	- kW -	6,642	6,642		
Average Monthly Load Factor	- % -	80.86%	80.86%		
Customer Charge	- $ -	$ -	$ -	$ -	0.00%
Energy Charges	- $ -	$ 246,334.78	$ 246,334.78	$ -	0.00%
Demand Charges	- $ -	$ 69,741.00	$ 69,741.00	$ -	0.00%
Subtotal - Base Rates		$ 316,075.78	$ 316,075.78	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (9,745.11)	$ (33,063.77)	$ (23,318.66)	239.29%
Green Energy Fund Charges	- $ -	$ 688.35	$ 688.35	$ -	0.00%
Utility Tax	- $ -	$ 6,140.38	$ 5,674.01	$ (466.37)	-7.60%
Total Bill		$ 313,159.39	$ 289,374.36	$ (23,785.03)	-7.60%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
White Oak Solar		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ -	$ -	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06370	$ 0.06370	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 10.50	$ 10.50	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	0.00%	0.00%		
Average Monthly Energy	- kWh -	18,092	18,092		
Average Monthly Billing Demand	- kW -	408	408		
Average Monthly Load Factor	- % -	6.16%	6.16%		
Customer Charge	- $ -	$ -	$ -	$ -	0.00%
Energy Charges	- $ -	$ 1,152.46	$ 1,152.46	$ -	0.00%
Demand Charges	- $ -	$ 4,284.00	$ 4,284.00	$ -	0.00%
Subtotal - Base Rates		$ 5,436.46	$ 5,436.46	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (45.59)	$ (154.69)	$ (109.09)	239.29%
Green Energy Fund Charges	- $ -	$ 3.22	$ 3.22	$ -	0.00%
Utility Tax	- $ -	$ -	$ -	$ -	0.00%
Total Bill		$ 5,394.09	$ 5,284.99	$ (109.09)	-2.02%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Procter & Gamble		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ -	$ -	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06370	$ 0.06370	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 10.50	$ 10.50	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	2.00%	2.00%		
Average Monthly Energy	- kWh -	1,210,083	1,210,083		
Average Monthly Billing Demand	- kW -	1,950	1,950		
Average Monthly Load Factor	- % -	86.19%	86.19%		
Customer Charge	- $ -	$ -	$ -	$ -	0.00%
Energy Charges	- $ -	$ 77,082.29	$ 77,082.29	$ -	0.00%
Demand Charges	- $ -	$ 20,475.00	$ 20,475.00	$ -	0.00%
Subtotal - Base Rates		$ 97,557.29	$ 97,557.29	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (3,049.41)	$ (10,346.21)	$ (7,296.80)	239.29%
Green Energy Fund Charges	- $ -	$ 215.39	$ 215.39	$ -	0.00%
Utility Tax	- $ -	$ 1,894.47	$ 1,748.53	$ (145.94)	-7.70%
Total Bill		$ 96,617.74	$ 89,175.00	$ (7,442.74)	-7.70%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Small Commercial-1 Phase		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.10040	$ 0.10040	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	4.25%	4.25%		
Average Monthly Energy	- kWh -	836	836		
Customer Charge	- $ -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charges	- $ -	$ 83.93	$ 83.93	$ -	0.00%
Subtotal - Base Rates		$ 91.43	$ 91.43	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (2.11)	$ (7.15)	$ (5.04)	239.29%
Green Energy Fund Charges	- $ -	$ 0.15	$ 0.15	$ -	0.00%
Utility Tax	- $ -	$ 3.80	$ 3.59	$ (0.21)	-5.63%
Total Bill		$ 93.28	$ 88.02	$ (5.26)	-5.63%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Small Commercial-3 Phase		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.10040	$ 0.10040	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	4.25%	4.25%		
Average Monthly Energy	- kWh -	1,313	1,313		
Customer Charge	- $ -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charges	- $ -	$ 131.83	$ 131.83	$ -	0.00%
Subtotal - Base Rates		$ 154.33	$ 154.33	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (3.31)	$ (11.23)	$ (7.92)	239.29%
Green Energy Fund Charges	- $ -	$ 0.23	$ 0.23	$ -	0.00%
Utility Tax	- $ -	$ 6.43	$ 6.09	$ (0.34)	-5.23%
Total Bill		$ 157.68	$ 149.42	$ (8.25)	-5.23%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Medium Commercial-1 Phase		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06770	$ 0.06770	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 13.95	$ 13.95	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	4.25%	4.25%		
Average Monthly Energy	- kWh -	4,852	4,852		
Average Monthly Billing Demand	- kW -	18	18		
Average Monthly Load Factor	- % -	37.44%	37.44%		
Customer Charge	- $ -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charges	- $ -	$ 328.48	$ 328.48	$ -	0.00%
Demand Charges	- $ -	$ 251.10	$ 251.10	$ -	0.00%
Subtotal - Base Rates		$ 587.08	$ 587.08	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (12.23)	$ (41.48)	$ (29.26)	239.29%
Green Energy Fund Charges	- $ -	$ 0.86	$ 0.86	$ -	0.00%
Utility Tax	- $ -	$ 24.47	$ 23.22	$ (1.24)	-5.08%
Total Bill		$ 600.18	$ 569.68	$ (30.50)	-5.08%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Medium Commercial-3 Phase		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06770	$ 0.06770	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 13.95	$ 13.95	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	4.25%	4.25%		
Average Monthly Energy	- kWh -	7,086	7,086		
Average Monthly Billing Demand	- kW -	23	23		
Average Monthly Load Factor	- % -	42.79%	42.79%		
Customer Charge	- $ -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charges	- $ -	$ 479.72	$ 479.72	$ -	0.00%
Demand Charges	- $ -	$ 320.85	$ 320.85	$ -	0.00%
Subtotal - Base Rates		$ 823.07	$ 823.07	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (17.86)	$ (60.59)	$ (42.73)	239.29%
Green Energy Fund Charges	- $ -	$ 1.26	$ 1.26	$ -	0.00%
Utility Tax	- $ -	$ 34.28	$ 32.46	$ (1.82)	-5.30%
Total Bill		$ 840.75	$ 796.21	$ (44.54)	-5.30%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Large Commercial		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06770	$ 0.06770	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 13.90	$ 13.90	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	4.25%	4.25%		
Average Monthly Energy	- kWh -	30,147	30,147		
Average Monthly Billing Demand	- kW -	90	90		
Average Monthly Load Factor	- % -	46.52%	46.52%		
Customer Charge	- $ -	$ 22.50	$ 22.50	$ -	0.00%
Energy Charges	- $ -	$ 2,040.95	$ 2,040.95	$ -	0.00%
Demand Charges	- $ -	$ 1,251.00	$ 1,251.00	$ -	0.00%
Subtotal - Base Rates		$ 3,314.45	$ 3,314.45	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (75.97)	$ (257.76)	$ (181.79)	239.29%
Green Energy Fund Charges	- $ -	$ 5.37	$ 5.37	$ -	0.00%
Utility Tax	- $ -	$ 137.86	$ 130.14	$ (7.73)	-5.60%
Total Bill		$ 3,381.71	$ 3,192.20	$ (189.51)	-5.60%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Primary		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 15.00	$ 15.00	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.06760	$ 0.06760	$ -	0.00%
Demand Charge	- $/kW-mo. -	$ 11.25	$ 11.25	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	2.00%	2.00%		
Average Monthly Energy	- kWh -	368,131	368,131		
Average Monthly Billing Demand	- kW -	918	918		
Average Monthly Load Factor	- % -	55.70%	55.70%		
Customer Charge	- $ -	$ 15.00	$ 15.00	$ -	0.00%
Energy Charges	- $ -	$ 24,885.66	$ 24,885.66	$ -	0.00%
Demand Charges	- $ -	$ 10,327.50	$ 10,327.50	$ -	0.00%
Subtotal - Base Rates		$ 35,228.16	$ 35,228.16	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (927.69)	$ (3,147.52)	$ (2,219.83)	239.29%
Green Energy Fund Charges	- $ -	$ 65.53	$ 65.53	$ -	0.00%
Utility Tax	- $ -	$ 687.32	$ 642.92	$ (44.40)	-6.46%
Total Bill		$ 35,053.31	$ 32,789.09	$ (2,264.23)	-6.46%

	Units	Current Billing	Proposed Billing	Adjustment	Adjustment
Residential		- $ -	- $ -	- $ -	- % -
Customer Charge	- $/mo. -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charge	- $/kWh -	$ 0.12030	$ 0.12030	$ -	0.00%
Purchased Power Adjustment	- $/kWh -	$ (0.00252)	$ (0.00855)	$ (0.00603)	239.29%
Green Energy Fund Charge	- $/kWh -	$ 0.00018	$ 0.00018	$ -	0.00%
Utility Tax Rate	- % -	0.00%	0.00%		
Average Monthly Energy	- kWh -	816	816		
Customer Charge	- $ -	$ 7.50	$ 7.50	$ -	0.00%
Energy Charges	- $ -	$ 98.16	$ 98.16	$ -	0.00%
Subtotal - Base Rates		$ 105.66	$ 105.66	$ -	0.00%
Purchased Power Adjustment	- $ -	$ (2.06)	$ (6.98)	$ (4.92)	239.29%
Green Energy Fund Charges	- $ -	$ 0.15	$ 0.15	$ -	0.00%
Utility Tax	- $ -	$ -	$ -	$ -	0.00%
Total Bill		$ 103.75	$ 98.83	$ (4.92)	-4.74%

City of Dover
Budget Workshop
Fiscal Year 2017-2018

Sanitation Cost of Service Recommendation

CITY OF DOVER

DEPARTMENT OF PUBLIC WORKS

FY 2017 / FY 2018 SANITATION RATE COMPARISON

KENT COUNTY, DELAWARE AND DOVER, DELAWARE COMPARISON

SERVICE DESCRIPTION	KENT COUNTY			CITY OF DOVER (In City)			CITY OF DOVER (Out of City)		
	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE	FY 2017 (monthly)	FY 2018 (monthly)	% INCREASE
Trash weekly Recycling weekly Bulk 4 items weekly	$ 18.58	$ 23.75	27.83%	n/a	n/a	n/a	n/a	n/a	n/a
Trash weekly Recycling weekly Yard Waste Can weekly (in season) Bulk 4 items weekly	**$ 21.25**	**$ 26.04**	**22.54%**	n/a	n/a	n/a	n/a	n/a	n/a
Trash weekly Recycling every other week Yard Waste Can weekly Yard Waste Bulk every other week Household Bulk every other week	n/a	n/a	n/a	**$ 17.00**	**$ 21.00**	**23.53%**	**$ 42.75**	**$ 54.00**	**26.32%**

Private Company Rates

- Waste Management
  - No Yard Waste Pickup
  - Quarterly rates by location; $92.10 - $104.10 or
  - $30.70 - $34.70 monthly

- Independent Disposal Services
  - $35.00 non-refundable delivery charge for trach and recycle cans; Bulk yard waste at an additional charge
  - $23.00 monthly or $69.00 quarterly with one year service contract

- Republic Services
  - No Yard Waste Pickup
  - Quarterly rate $79.00 or $26.33 monthly

City of Dover
Sanitation Department
Scenario for Covering Full Cost

REVENUES	FY 2012 Actual	FY 2016 Actual	FY 2017 Budget	FY 2018 Recommended	FY 2019 Projection
Trash Revenue	$ 1,903,600	$ 2,527,500	$ 2,538,300	$ 3,080,400	$ 3,080,400
Revenue Adjustment	-	-	-	-	-
Total Revenues	1,903,600	2,527,500	2,538,300	3,080,400	3,080,400
EXPENDITURES					
Personnel Costs	603,200	664,900	732,900	771,300	790,600
Materials & Supplies	88,400	27,400	24,700	33,800	34,100
Administrative Expenditures	175,500	121,900	117,400	109,700	110,800
Contractual Services	1,219,100	1,278,900	1,157,800	1,649,100	1,682,100
Overhead Charges (5%)	280,300	276,200	276,200	276,200	280,300
Depreciation Expense	185,300	199,700	225,400	225,400	225,400
Total Expenditures	2,551,800	2,569,000	2,534,400	3,065,500	3,123,300
Gain/(Loss)	(648,200)	(41,500)	3,900	14,900	(42,900)
Budget FTE Headcount	12	10	10	10	10
Capital Outlay	120,600	402,500	261,500	-	-

	Current Rates & Revenues				Required Rates & Revneues		
	Rate	**# of Accts.**	**Monthly**	**Annual**	**Rate**	**Monthly**	**Annual**
In City Rates	$17.00	9,915	$168,600.00	$2,023,200.00	$21.00	$208,200.00	$2,498,400.00
Rates vary depending on size of can	$19.00	285	5,400.00	64,800.00	$24.00	6,800.00	81,600.00
and number of pickups/cans	$34.00	13	400.00	4,800.00	$43.00	600.00	7,200.00
	$57.00	238	13,600.00	163,200.00	$72.00	17,100.00	205,200.00
	$68.00	3	200.00	2,400.00	$85.00	300.00	3,600.00
	$114.00	31	3,500.00	42,000.00	$143.00	4,400.00	52,800.00
Out of City Rates	$42.75	184	7,900.00	94,800.00	$54.00	9,900.00	118,800.00
	$142.50	2	300.00	3,600.00	$179.00	400.00	4,800.00
	$0.00	-	-	-	$0.00	-	-
		10,671	$199,900.00	$2,398,800.00	$621.00	$247,700.00	$2,972,400.00
Bulk Pick Up			$11,625.00	$139,500.00	$9,000.00	$9,000.00	$108,000.00
			$211,525.00	$2,538,300.00	$9,621.00	$256,700.00	$3,080,400.00
Average Revenue per account			$19.82	$237.87	Residential w/ 1 can = $48.00 per year		
Average Revenue needed to cover cost of service			$24.90	$298.78			
% Increase		25.6%					

CITY OF DOVER

DEPARTMENT OF PUBLIC WORKS

FY 2018 SANITATION AND STREETS BUDGET ITEM PROPOSAL

STREET SWEEPING DEBRIS, LEAF MULCH, WOOD CHIPS AND YARD WASTE DISPOSAL

SANITATION - CONTRACTUAL SERVICES - 110-1800-555.30-31

LINE ITEM DETAIL	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 PROPOSAL	2017-2018 PROPOSAL PHASED	COMMENTS
DSWA 11,900 TONS @ $70.00/TON (DOMESTIC WASTE)	$ 833,000	$ 833,000	$ 833,000	$ 833,000	
RECYCLING SERVICES (9,400 CON @ 1.21 PER @ 26 WKS)	$ 295,800	$ 295,800	$ 295,800	$ 295,800	1
YARD WASTE DISPOSAL (RESIDENTIAL COLLECTION)	$ 80,000	$ 80,000	$ 170,000	$ 170,000	2, 3, 10
ALLIED WASTE DOWNTOWN DUMPSTER	$ 11,700	$ 11,700	$ 11,700	$ 11,700	
STREET SWEEPING DEBRIS DISPOSAL (ANNUAL)	$ -	$ -	$ 50,400	$ 50,400	4, 10
STREET SWEEPING DEBRIS DISPOSAL (STOCKPILE)	$ -	$ -	$ 158,200	$ 79,100	5, 10
LEAF MULCH DISPOSAL (ANNUAL)	$ -	$ -	$ 85,000	$ 85,000	6, 10
LEAF MULCH DISPOSAL (STOCKPILE)	$ -	$ -	$ 170,000	$ 85,000	7, 10
WOOD CHIP AND BULK TREE DISPOSAL (ANNUAL)	$ -	$ -	$ 8,500	$ 8,500	8, 10
WOOD CHIP AND BULK TREE DISPOSAL (STOCKPILE)	$ -	$ -	$ 61,200	$ 30,600	9, 10
	$ 1,220,500	$ 1,220,500	$ 1,843,800	$ 1,649,100	

1 - Recycling Services RFP will not be back in time to address any changes in the FY 2018 Budget (proposals due 5-9-17)

2 - Yard Waste Disposal - FY 2018 Requested based upon EZ Mulch using 800 loads @ $100 per load

3 - Yard Waste Disposal - FY 2018 Proposal based upon DSWA using 2,000 tons @ $85.00/ton

4 - Street Sweeping Debris Annual Disposal - FY 2018 Proposal based upon DSWA using 60 tons/month @ $70.00/ton

5 - Street Sweeping Debris Stockpile Disposal - FY 2018 Proposal based upon DSWA using 2,260 tons @ $70.00/ton (Phased = 2 years)

6 - Leaf Mulch Annual Disposal - FY 2018 Proposal based upon DSWA using 1,000 tons (1 pile) @ $85.00/ton

7 - Leaf Mulch Stockpile Disposal - FY 2018 Proposal based upon DSWA using 2,000 tons (2 piles) @ $85.00/ton (Phased = 2 years)

8 - Wood Chip Annual Disposal - not previously budgeted for - FY 2018 Proposal based upon DSWA using 100 tons @ $85.00/ton

9 - Wood Chip Stockpile Disposal - stockpile created over many years by Electric tree contractor and Grounds Division, Electric Department will need to budget for material disposal - FY 2018 Proposal based upon DSWA using 720 tons @ $85.00/ton (Phased = 2 years)

10 - all volumes and weights have been estimated by DPW staff to the best of their ability - values are not exact



City of Dover
Budget Workshop
Fiscal Year 2017-2018

Police Extra Duty Cost of Service Recommendation

Extra Duty Rates

Background

- In August 2016 the City increased the Extra Duty Rates to capture the increased cost of service for the program. Special events are provided a lower rate due to lower overhead with the premise that the non-special event rates and vehicle charges will offset any revenue shortfall. Finance performed an analysis through March 2017 to determine if the revised rates were covering the cost of service. This analysis includes extra duty billings for March, not recorded until April.
- This shortfall does not reflect the cost of dispatchers and other overheads, officers pay only.

	2016/17 Actual to date
POLICE EXTRA DUTY (369-16) (351-17 = FY13)	$ 187,803
POLICE E.D. RELATED GRANTS (362.71 = FY13)	211,385
TOTAL RELATED REVENUES	399,188
POLICE EXTRA DUTY (Division 544)	(407,543)
NET EXTRA DUTY REVENUE/(EXPENSE)	$ (8,355)

Recommended Rates 6/30/17

City of Dover			
Billing Rates for Special Events (Spectator's over 5,000)			
	Officer		Total
	Billing	Overhead	Hourly
	Rate	Rate	Rate
Special Event Rate – Officers	~~$62.00~~ $64.00	~~$3.00~~ $4.00	~~$65.00~~ $68.00
Special Event Rate – Dispatchers S/T	~~$23.00~~ $24.00	~~$3.00~~ $4.00	~~$26.00~~ $28.00
Special Event Rate – Dispatchers O/T	~~$34.00~~ $35.00	~~$3.00~~ $4.00	~~$37.00~~ $39.00

City of Dover			
Officer Extra Duty Billing Rates for Non-Special Events			
	Officer		Total
	Billing	Overhead	Hourly
	Rate	Rate	Rate
Extra Duty Rate	~~$59.00~~ $61.00	~~$8.00~~ $9.00	~~$67.00~~ $70.00
Vehicles Actively Used on Extra Duty Jobs - Hourly Rate			$ 16.25



City of Dover
Budget Workshop
Fiscal Year 2017-2018

Public Safety Fee Recommendation

Public Safety Fee

- Tax exempt properties
- Billed monthly or annually
- Rate to be approved by City Council
- Public Hearings
- Ordinance Development
- Adoption by 01/01/18

- Revenue
  - Based on current tax rolls
  - State, Schools, & Non-Profits
  - Rate @ $.01 = $128,500
    - Non-State $99,800
    - State $28,700
  - Rate @ $.03 = $385,700
    - Non-State $299,500
    - State $86,200



City of Dover
Budget Workshop
Fiscal Year 2017-2018

Retirement Benefits

Recommended COLA – General Employee Plan Retirees

Financial Impact of Ad-Hoc Cost of Living Increase
Date of Most Recent Actuarial Valuation - 7/1/2016
Effective 7/1/2017 for Those Retired as of 7/1/2016

	Increase %	Total Cost	General Fund	W/WW Fund	Electric Fund
Option 1 - Fully Fund in Year of Increase	1.00%	$413,635	$227,176	$35,049	$151,410
(Increase in Liability)	1.50%	$620,452	$340,766	$52,572	$227,114
	2.00%	$827,268	$454,355	$70,095	$302,818
Option 2 - Amortize Liability Increase	1.00%	$43,990	$24,160	$3,728	$16,102
(15 year amortization)	1.50%	$65,986	$36,240	$5,592	$24,154
	2.00%	$87,982	$48,322	$7,455	$32,205

Health Care Premium Trends

		7/1/2017	Increase (decrease) over prior year	7/1/2016	Increase (decrease) over prior year	7/1/2015	Increase (decrease) over prior year	7/1/2014	Increase (decrease) over prior year	7/1/2013
BC/BS First State Basic Plan	First State Employ	$ 732.84	0.000%	$ 732.84	5.305%	$ 695.92	20.067%	$ 579.61	0.374%	$ 577.45
	First State Employ & Spouse	$1,513.32	0.000%	$1,513.32	5.313%	$1,436.98	20.115%	$1,196.34	0.373%	$1,191.89
	First State Employ & Child	$1,112.59	0.000%	$1,112.59	5.310%	$1,056.49	20.099%	$ 879.68	0.373%	$ 876.41
	First State Employ & Family	$1,891.05	0.000%	$1,891.05	5.316%	$1,795.60	20.124%	$1,494.79	0.373%	$1,489.23
Aetna CDH Gold	Aetna Gold Employ	$ 758.37	0.000%	$ 758.37	5.306%	$ 720.16	20.069%	$ 599.79	0.372%	$ 597.57
	Aetna Gold Employ & Spouse	$1,569.55	0.000%	$1,569.55	5.315%	$1,490.34	20.115%	$1,240.76	0.374%	$1,236.14
	Aetna Gold Employ & Child	$1,157.25	0.000%	$1,157.25	5.310%	$1,098.90	20.101%	$ 914.98	0.373%	$ 911.58
	Aetna Gold Employ & Family	$1,993.25	0.000%	$1,993.25	5.316%	$1,892.63	20.125%	$1,575.55	0.375%	$1,569.66
BC/BS CDH Gold	BC/BS Gold Employ	$ 758.37	0.000%	$ 758.37	5.306%	$ 720.16	20.069%	$ 599.79	0.372%	$ 597.57
	BC/BS Gold Employ & Spouse	$1,569.55	0.000%	$1,569.55	5.315%	$1,490.34	20.115%	$1,240.76	0.374%	$1,236.14
	BC/BS Gold Employ & Child	$1,157.25	0.000%	$1,157.25	5.310%	$1,098.90	20.101%	$ 914.98	0.373%	$ 911.58
	BC/BS Gold Employ & Family	$1,993.24	0.000%	$1,993.24	5.316%	$1,892.63	20.125%	$1,575.55	0.375%	$1,569.66
Aetna HMO	Aetna Employ	$ 764.94	0.000%	$ 764.94	5.303%	$ 726.42	20.069%	$ 605.00	0.373%	$ 602.75
	Aetna Employ & Spouse	$1,609.82	0.000%	$1,609.82	5.314%	$1,528.59	20.118%	$1,272.57	0.375%	$1,267.82
	Aetna Employ & Child	$1,168.76	0.000%	$1,168.76	5.310%	$1,109.83	20.101%	$ 924.08	0.375%	$ 920.63
	Aetna Employ & Family	$2,008.02	0.000%	$2,008.02	5.314%	$1,906.69	20.127%	$1,587.23	0.374%	$1,581.31
BC/BS BlueCARE HMO	Blue Care HMO Employ	$ 765.56	0.000%	$ 765.56	5.301%	$ 727.02	20.073%	$ 605.48	0.371%	$ 603.24
	Blue Care HMO Employ & Spouse	$1,614.90	0.000%	$1,614.90	5.314%	$1,533.42	20.117%	$1,276.60	0.374%	$1,271.84
	Blue Care HMO Employ & Child	$1,169.92	0.000%	$1,169.92	5.310%	$1,110.93	20.101%	$ 925.00	0.373%	$ 921.56
	Blue Care HMO Family	$2,014.16	0.000%	$2,014.16	5.315%	$1,912.51	20.126%	$1,592.09	0.375%	$1,586.14
BC/BS Comp PPO	Comp PPO Employ	$ 836.26	0.000%	$ 836.26	5.305%	$ 794.13	20.079%	$ 661.34	0.372%	$ 658.89
	Comp PPO Employ & Spouse	$1,732.42	0.000%	$1,732.42	5.316%	$1,644.97	20.120%	$1,369.44	0.374%	$1,364.34
	Comp PPO Employ & Child	$1,287.34	0.000%	$1,287.34	5.312%	$1,222.41	20.106%	$1,017.78	0.375%	$1,013.98
	Comp PPO Employ & Family	$2,165.08	0.000%	$2,165.08	5.316%	$2,055.80	20.129%	$1,711.32	0.374%	$1,704.94
Medicfill	With Prescription	$ 485.06	7.640%	$ 450.63	7.260%	$ 420.13	9.818%	$ 382.57	6.887%	$ 357.92
	Without Prescription	$ 256.66	0.004%	$ 256.65	7.219%	$ 239.37	9.798%	$ 218.01	6.841%	$ 204.05

Medicare B Trends

Eligible to receive Medicare Part B Reimbursements

- Non-union and AFSCME employees hired prior to 7/28/09
- IBEW employees who retired prior to 7/1/09
- DOE employees who retired prior to 1/31/10
- FOP employees who retired prior to 9/30/06

- Recommendation to cap Medicare B premiums for all eligible recipients at $200 per month.

Medicare Part B Standard Rates

Year	New Enrollee	% Incr	Currently Enrolled	% Incr
2017	$ 134.00	10.0%	$ 109.00	3.9%
2016	$ 121.80	16.1%	$ 104.90	0.0%
2015	$ 104.90		$ 104.90	
2014	$ 104.90		$ 104.90	
2013	$ 104.90		$ 104.90	

BUDGET REVIEW

Fiscal Year 2017-2018

Operating Department & Division Summaries

May 2017 – Budget Review Hearing

What You Need to Know

- Percentage changes are calculated on FY17 Original Budgets
- All Department budgets reflect the following in personnel expenses:
  - Vacation sell-back and education assistance are budgeted in a separate fund expense account in order to reduce the overall amount budgeted for personnel expenses.
  - Overall net benefit cost increased by $515,700 in the proposed budget.
  - Health Insurance premiums remain the same.
  - OPEB rates significantly increased with the inclusion of two years of premium increases of approximately 25% in the latest actuary valuation.
  - Pension cost decreased for the General Fund and Electric Fund, and increased for the Water/Wastewater Fund. This is a result of actuary recommended increases offset by General Pension Plan employee's retirements combined with new hires with the 401a benefit. In essence, retiree cost is going up and active employee cost is going down.
  - Actuarial determined contribution for the OPEB and pension liabilities are included in the pension contribution percentage.
  - Worker's Compensation Rates increased.

GENERAL FUND BUDGET REVIEW

Fiscal Year 2017-2018

Mayor

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	57,300	57,300	57,300	-	0%
Materials & Supplies	300	300	300	-	0%
Administrative Exp	16,400	16,300	16,300	-	-1%
Total Operating Exp	**$ 74,000**	**$ 73,900**	**$ 73,900**	**$ -**	**0%**

Highlights:

Personnel costs remained constant.

Materials and Supplies remained constant.

Administrative Expenses remained about the same with a small decrease in gasoline.

There has been no increase in the Mayor's budget for Economic Development at this time.

City Council

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	91,000	91,000	91,000	-	0%
Materials & Supplies	300	300	1,300	-	333%
Administrative Exp	49,800	52,800	62,800	-	26%
Total Operating Exp	**$ 141,100**	**$ 144,100**	**$ 155,100**	**$ -**	**10%**

Highlights:

Personnel Costs remained constant.

Materials and Supplies increased $1000 for the purchase of 2 iPads.

Administrative Expenditures increased $13,000; $3,000 for discretionary funds for Council Members and $10,000 for a Diversity Study.

City Manager

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	503,300	511,300	558,200	-	11%
Materials & Supplies	8,400	14,500	13,800	-	64%
Administrative Exp	280,700	176,300	175,500	-	-37%
Total Operating Exp	**792,400**	**702,100**	**747,500**	**-**	**-6%**

Highlights:

Personnel Costs have increased $54,900 overall for a Budget Analyst position offset by reduction of 4 part-time temporary positions.

Materials and supplies increased by $5,400 which included an increase in expenses of $7,100 for maintenance and warranty on the new video & production equipment offset by decreases in printing and computer hardware.

Administrative Expenditures budget decreased by $105,200. Legal expenses $9,000, economic development cost $90,400 and contractual services $5,000.

City Clerk

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	372,800	382,400	382,400	-	3%
Materials & Supplies	9,200	15,000	12,200	-	33%
Administrative Exp	30,300	42,000	35,300	-	17%
Total Operating Exp	**412,300**	**439,400**	**429,900**	**-**	**4%**

Highlights:

Personnel Costs increased $9,600 for benefit cost increases.

Materials and supplies expense has a small increase of $3,000 due to increases in computer software (4 Word Perfect upgrades) and office supplies.

Administrative expenditures has a net increase of $5,000 due to an increase of $16,500 for agenda management software offset by a decrease of $9,000 in election related expenses and small decreases in training, office equipment/repairs and subscriptions and dues.

Customer Services

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	1,077,200	1,154,400	1,111,400	-	3%
Materials & Supplies	32,600	35,800	32,300	-	-1%
Administrative Exp	34,000	35,600	22,500	-	-34%
Total Operating Exp	**1,143,800**	**1,225,800**	**1,166,200**	**-**	**2%**

Highlights:

Personnel costs had a net increase of $34,200 due recruitment of 3 full-time and 2 part-time positions.

Materials and supplies has a small decrease of $300 in computer software.

Administrative expenses has a decrease of $11,500 due to a reduction in credit card fees which are now budgeted in bank fees.

Finance

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	811,600	833,200	833,200	-	3%
Materials & Supplies	2,700	5,600	4,200	-	56%
Administrative Exp	196,800	199,300	191,700	-	-3%
Total Operating Exp	**1,011,100**	**1,038,100**	**1,029,100**	**-**	**2%**

Highlights:

Personnel costs increased by $21,600 mainly attributed to benefit cost increases.

Materials and supplies increased $1,500 mainly due to a PC replacement.

Administrative expenses had a net decrease of $5,100 due to reduction in cost for audit offset by increase in cost for ADP fees due to a contract increase and additional headcount.

Procurement & Inventory

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	314,000	330,000	330,000	-	5%
Materials & Supplies	13,900	17,200	16,000	-	15%
Administrative Exp	257,200	257,100	256,500	-	0%
Total Operating Exp	**585,100**	**604,300**	**602,500**	**-**	**3%**

Highlights:

Personnel costs increased $16,000 due to benefit cost increases.

Materials and Supplies had a net increase of $2,100 due to an increase of $2,700 for building repairs and fences offset by small decreases in computer software, office supplies and furniture/fixtures.

Administrative expenditures had a net decrease of $700.

Fire

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	437,700	442,300	442,400	-	1%
Administrative Exp	284,000	367,500	332,500	-	17%
Total Operating Exp	**721,700**	**809,800**	**774,900**	**-**	**7%**
Capital Outlay	145,700	184,100	184,100	-	26%
Total Expenditures	**$ 867,400**	**$ 993,900**	**$ 959,000**	**$ -**	**11%**

Highlights:

Personnel Costs increased $4,700 due to increases in benefits costs.

Administrative Expenditures increased $48,500 due to administrative and maintenance increases.

Capital Expenses totaled $184,100 for the annual loan payment on Ladder 1 and the replacement of Engine 7.

Human Resources

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	345,100	362,700	362,700	362,700	5%
Materials & Supplies	29,400	36,300	29,000	29,000	-1%
Administrative Exp	18,000	102,500	38,600	38,600	114%
Total Operating Exp	**392,500**	**501,500**	**430,300**	**430,300**	**10%**

Highlights:

Personnel Costs have increased overall by $17,600 due to benefit cost increases.

Materials and Supplies had a net decrease of $400.

Administrative Expenditures increased $20,600 due to an increase of $14,400 in advertisement expense and $7,500 for diversity training offset by small decreases in subscriptions and dues and in-house training.

Please, note Advertisement Expense was requested at $76,000 and Diversity Training was requested at $15,000. These requests were in light of City Council discussions for broadening our employment advertisements and concerns expressed on our diversity efforts.

Information Technology

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	441,400	454,700	436,700	-	-1%
Materials & Supplies	98,700	97,500	94,800	-	-4%
Administrative Exp	176,200	175,700	242,700	-	38%
Total Operating Exp	**716,300**	**727,900**	**774,200**	**-**	**8%**
Capital Outlay	-	50,600	36,600	-	0%
Total Expenditures	**$ 716,300**	**$ 778,500**	**$ 810,800**	**$ -**	**13%**

Highlights:

Personnel Costs decreased due to the combination of eliminating the AS400 programmer, Administrative Assistant, and taking the LAN Tech from a part-time position to a full-time position.

Materials and supplies had a net decrease of $3,900 in various accounts.

Administrative Expenditures increased $66,500 mainly in contractual services for a trainer to help with ERP implementation in lieu of hiring a programmer.

Capital Outlay includes $36,600 for a Backup and Recovery System with software $15,000 and Network infrastructure $21,600.

Library

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	1,369,000	1,420,700	1,418,800	-	4%
Materials & Supplies	58,900	75,600	83,800	-	42%
Administrative Exp	207,100	223,600	207,100	-	0%
Total Operating Exp	**1,635,000**	**1,719,900**	**1,709,700**	**-**	**5%**

Highlights:

Personnel Costs increased by $49,800 mainly due to recruitment of 2 part-time positions and a net increase in benefits costs. The projected cost of the passport operations is offset by projected revenue. Currently the recommended budget has this operation as breakeven.

Materials & Supplies increased overall by $24,900 mainly for increases of $18,800 in books and $8,500 for passport supplies offset by decreases in security/safety materials and water/sewer expense.

Administrative expenditures remained constant.

Note – There is the possibility that the Library Grant may be affected by the State's budget. This is another $200K plus accounted for the in the Library Grant Fund and not reflected above.

Parks & Recreation

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	499,500	512,700	512,700	-	3%
Materials & Supplies	57,000	59,000	57,700	-	1%
Administrative Exp	194,400	202,300	192,500	-	-1%
Total Operating Exp	**750,900**	**774,000**	**762,900**	**-**	**2%**
Capital Outlay	165,000	241,000	271,000	-	64%
Total Expenditures	**$ 915,900**	**$ 1,015,000**	**$ 1,033,900**	**$ -**	**13%**

Highlights:

Personnel Costs increased $13,200 mainly due to benefit cost increases.

Materials & Supplies expenditures have increased overall by $700 due to increases in computer hardware and software offset by decreases printing and maintenance supplies.

Administrative Expenditures decreased overall by $1,900 due to a reduction in electricity and gasoline offset by increases in contractual services, training and telephone expense.

Capital Outlay totaled $271,000 for park and playground improvements. Matching Grant $33K.

Note – Park Master Plans that have not had cost estimates developed are not included in the recommended budget and will require a budget amendment if the project can be completed in the fiscal year. The source of funds will be the Parkland Reserve.

Police

	Budget	Requested	Recommended	Approved	Change
Personnel Costs	15,630,200	15,898,000	15,806,900	-	1%
Materials & Supplies	370,600	385,000	340,500	-	-5%
Administrative Exp	874,400	954,100	828,500	-	-4%
Total Operating Exp	**16,875,200**	**17,237,100**	**16,975,900**	**-**	**1%**
Capital Outlay	299,800	2,218,400	379,900	-	20%
Total Expenditures	**17,175,000**	**19,455,500**	**17,355,800**	**-**	**2%**

Highlights:

Personnel Costs increased by $176,700 due to an increase in wages and benefits as follows – Civilian Division $10,600; Law Enforcement $104,100; offset by a decrease Extra Duty $197,800.

Materials and Supplies had a net decrease of $30,100 for reductions in computer hardware and software due to fewer vehicle purchases, CI petty cash disbursements, medical supplies and physicals, books, security/safety materials, animal care, computer software and water/sewer offset by increases in furniture/fixtures, printing, custodial services and City Bldg. Maintenance supplies.

Administrative Expenses had a net decrease of $45,900 due to reductions in contractual services, training, gasoline, postage, electricity and heating oil/gas offset by increases in subscriptions, office equipment repairs/maintenance and radio equipment.

Capital Outlay of $379,900 includes a roof repair $53,100, impound lot $51,000 and purchase of vehicles $275,800.

Tax Assessor

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	217,900	209,000	209,000	-	-4%
Materials & Supplies	2,500	3,500	3,400	-	36%
Administrative Exp	23,600	24,800	24,400	-	3%
Total Operating Exp	**244,000**	**237,300**	**236,800**	**-**	**-3%**
Capital Outlay	-	18,200	-	-	0%
Total Expenditures	**$ 244,000**	**$ 255,500**	**$ 236,800**	**$ -**	**-3%**

Highlights:

Personnel decreased $8,900 due to wage and net benefit cost decreases (Health insurance decrease $12,800 and OPEB & Pension increases $5,700).

Materials and Supplies had a small increase of $900 in computer hardware for a desktop.

Administrative Expenses had an overall increase of $800 in contractual services and subscription and dues.

Note – A vehicle purchased in the City Manager's department in FY16 with limited usage was transferred to the Assessor and the requested vehicle was removed.

Planning/Inspections & Community Development

Planning

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	513,100	532,300	532,300	-	4%
Materials & Supplies	13,300	14,600	12,300	-	-8%
Administrative Exp	20,400	19,800	16,900	-	-17%
Total Operating Exp	**546,800**	**566,700**	**561,500**	**-**	**3%**
Capital Outlay	-	16,000	-	-	0%
Total Expenditures	**$ 546,800**	**$ 566,700**	**$ 561,500**	**$ -**	**3%**

Highlights:

Personnel Costs increased by $19,200 due to wage $400 and benefit increases $18,700.

Materials & Supplies expenditures decreased $1,000 in computer hardware.

Administrative expenditures decreased $3,500 for training and subscription and dues offset by a small increase in telephone expense.

Inspections & Permitting

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	503,600	526,700	526,700	-	5%
Materials & Supplies	2,200	3,700	2,200	-	0%
Administrative Exp	192,100	491,300	192,100	-	0%
Total Operating Exp	**697,900**	**1,021,700**	**721,000**	**-**	**3%**
Capital Outlay	-	16,000	-	-	0%
Total Expenditures	**$ 697,900**	**$ 1,037,700**	**$ 721,000**	**$ -**	**3%**

Highlights:

Personnel Costs increased $23,100 due to wage increases and higher benefit costs.

Materials & Supplies remains constant to FY17.

Administrative Expenses remains constant to FY17.

Note – The Planner originally included a $300,000 increase in demolition expenses to partner with Central Delaware Habitat for Humanity on their Strong Neighborhood Housing Fund.

Code Enforcement

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	396,300	420,300	420,300	-	6%
Materials & Supplies	18,300	21,100	20,600	-	13%
Administrative Exp	6,500	7,500	6,800	-	5%
Total Operating Exp	**421,100**	**448,900**	**447,700**	**-**	**6%**
Capital Outlay	-	23,800	-	-	0%
Total Expenditures	**$ 421,100**	**$472,700**	**$ 447,700**	**$ -**	**6%**

Highlights:

Personnel Costs increased $24,000 due to wage $6,400 and benefit cost increases.

Materials & Supplies increased $2,300 for vest replacements with expiration dates.

Administrative Expenditures had a net increase of $300 due to a $1,400 increase for phone lines for tablets offset by decreases in contractual services and gasoline.

Life Safety

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	231,600	232,800	232,800	-	1%
Materials & Supplies	300	10,800	10,300	-	3333%
Administrative Exp	253,300	257,200	254,800	-	1%
Total Operating Exp	**485,200**	**500,800**	**497,900**	**-**	**3%**
Capital Outlay	29,500	-	-	-	-100%
Total Expenditures	**$ 514,700**	**$ 500,800**	**$ 497,900**	**$ -**	**-3%**

Highlights:

Personnel Costs increased $1,200 due to lower wages attributed to staff changes $10,200 offset by benefit increases.

Materials & Supplies increased $10,000 for security/safety materials for turn out gear and vests with expiration dates, as well as increases in program expenses/supplies and code books.

Administrative Expenses increased $1,500 for telephone/fax, subscriptions and dues and training for new inspector.

Public Works

Public Works Admin

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	661,600	687,700	682,900	-	3%
Materials & Supplies	6,900	11,400	9,400	-	36%
Administrative Exp	11,500	18,800	18,800	-	63%
Total Operating Exp	**680,000**	**717,900**	**711,100**	**-**	**5%**

Highlights:

Personnel Costs increased by $21,300 due to wage and benefit increases, particularly pension and OPEB costs.

Materials & Supplies increased $2,500 in computer hardware and furniture and fixtures offset by a small decrease in computer software.

Administrative Expenditures increased $7,300 mainly due to an increase in contractual services for $7,000 for ARGIS software support that renews every other year.

Facilities Management

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	459,500	483,700	483,700	-	5%
Materials & Supplies	24,400	26,200	22,500	-	-8%
Administrative Exp	123,200	129,700	123,500	-	0%
Total Operating Exp	**607,100**	**639,600**	**629,700**	**-**	**4%**
Capital Outlay	27,700	25,100	25,100	-	-9%
Total Expenditures	**$ 634,800**	**$ 664,700**	**$ 654,800**	**$ -**	**3%**

Highlights:

Personnel Costs increased $24,200 due to wage and benefit cost increases.

Materials and Supplies decreased $1,900 in city building maintenance supplies and water/sewer.

Administrative Expenditures increased $300 due an increase of $6,500 in contractual services for an HVAC contract offset by decreases in electricity and heating oil/gas.

Capital outlay includes $25,100 for purchase of a vehicle.

Fleet Maintenance

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	466,200	494,600	494,600	-	6%
Materials & Supplies	304,100	290,600	337,900	-	11%
Administrative Exp	6,000	6,100	4,200	-	-30%
Total Operating Exp	**776,300**	**791,300**	**836,700**	**-**	**8%**
Capital Outlay	31,000	27,000	-	-	-100%
Total Expenditures	**$ 807,300**	**$ 818,300**	**$ 836,700**	**$ -**	**4%**

Highlights:

Personnel Costs increased $28,400 due to wages and benefit costs.

Materials and Supplies increased $33,800 due to a $50,000 increase in program expenses/supplies offset by decreases in small tools, uniforms, security/safety materials, and computer hardware and software.

Administrative Expenses decreased $1,800 in training/travel, radio repairs and maintenance, contractual services and telephone expense.

Note – Program expenses and supplies is the account all parts and maintenance items are charged to for the City's vehicles and equipment. This account has run over budget for the past several years and the $50,000 adjustment is to bring the budget in line with the historical cost of service, rather than continue budget overages.

Grounds

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	953,400	907,900	905,400	-	-5%
Materials & Supplies	53,200	55,400	45,900	-	-14%
Administrative Exp	194,700	199,200	189,300	-	-3%
Total Operating Exp	**1,201,300**	**1,162,500**	**1,140,600**	**-**	**-5%**
Capital Outlay	58,200	62,500	62,500	-	7%
Total Expenditures	**$ 1,259,500**	**$ 1,225,000**	**$ 1,203,100**	**$ -**	**-4%**

Highlights:

Personnel Costs decreased $48,000 as a result of attrition offset by a net decrease in benefit costs, particularly health insurance and pension costs related to attrition.

Materials & Supplies decreased $7,300 due to reductions in program expenses/supplies, custodial expenses, uniforms and water/sewer expenses.

Administrative Expenditures decreased by $5,400 due to reductions in maintenance equipment repairs, telephone and heating oil/gas offset by small increases in subscriptions and dues and environmental expenses.

Capital expenses includes a new mower and utility tractor.

Sanitation

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	732,900	771,300	771,300	-	5%
Materials & Supplies	24,700	34,400	33,800	-	37%
Administrative Exp	1,275,200	1,337,900	1,758,800	-	38%
Total Operating Exp	**2,032,800**	**2,143,600**	**2,563,900**	**-**	**26%**
Capital Outlay	261,500	435,100	-	-	-100%
Total Expenditures	**$ 2,294,300**	**$2,578,700**	**$ 2,563,900**	**$ -**	**12%**

Highlights:

Personnel Costs increased $38,400 due to wages and benefit increases, mainly pension and OPEB costs.

Materials & Supplies increased $9,100 due to a $10,000 increase in program expenses/supplies for trash cans offset by a small decrease in uniforms.

Administrative Expenses increased $483,600 mainly due to an increase of $491,300 in contractual services along with small increases in telephone and radio repairs and maintenance offset by decreases in gasoline and environmental expenses.

Streets

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	589,000	656,500	656,500	-	11%
Materials & Supplies	247,000	427,700	198,000	-	-20%
Administrative Exp	327,500	322,600	263,900	-	-19%
Total Operating Exp	**1,163,500**	**1,406,800**	**1,118,400**	**-**	**-4%**
Capital Outlay	1,026,000	5,110,500	1,070,000	-	4%
Total Expenditures	**$ 2,189,500**	**$ 6,517,300**	**$ 2,188,400**	**$ -**	**0%**

Highlights:

Personnel costs increased $67,500 due to wages and benefits, mainly pension and OPEB costs.

Materials and supplies have decreased by $49,000 mostly in program expenses.

Administrative expenses decreased $63,600 mainly in contractual services along with decreases in gasoline and consulting fees offset by increases in temp help, telephone and training.

Capital Outlay includes $950,000 for street and alley program, $70,000 for miscellaneous storm sewer repairs, and $50,000 for Dover Library conveyance system improvements.

Public Works - Engineering

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	203,600	222,100	255,500	-	25%
Materials & Supplies	900	1,300	900	-	0%
Administrative Exp	2,500	20,400	20,100	-	704%
Total Operating Exp	**207,000**	**243,800**	**276,500**	**-**	**34%**

Highlights:

Personnel costs increased $51,900 due to having a full year budget for all three positions versus 10 months in the prior year.

Materials and supplies remained constant.

Administrative expenditures increased $17,600 mainly in contractual services for the Silver Lake Dam *annual* inspection and a small increase in training offset by small decreases in telephone and gasoline.

WATER/WASTEWATER FUND BUDGET REVIEW

Fiscal Year 2017-2018

May 2017 – Budget Review Hearing

Water/Wastewater Engineering

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	453,600	443,700	450,100	-	-1%
Materials & Supplies	16,300	16,900	16,600	-	2%
Administrative Exp	46,600	60,600	47,300	-	2%
Total Operating Exp	**516,500**	**521,200**	**514,000**	**-**	**0%**
Capital Outlay	30,400	-	-	-	-100%
Total Expenditures	**$ 546,900**	**$ 521,200**	**$ 514,000**	**$ -**	**-6%**

Highlights:

Personnel costs decreased $3,500 with wage increases $5,400, overtime decrease $500 and net benefit decreases of $8,400.

Materials & Supplies had a minimal increase of $300 with small changes in computer hardware, security/safety materials, small tools and books.

Administrative expenditures had a small increase of $700 with an increase in training of $6,400 offset by decreases in gasoline, contractual services $5,000 and telephone/fax.

Water Management

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	527,400	528,100	528,100	-	0%
Materials & Supplies	71,800	73,400	67,500	-	-6%
Administrative Exp	56,200	52,900	37,800	-	-33%
Total Operating Exp	**655,400**	**654,400**	**633,400**	**-**	**-3%**
Capital Outlay	1,338,800	1,685,700	1,608,400	-	20%
Total Expenditures	**$ 1,994,200**	**$ 2,340,100**	**$ 2,241,800**	**$ -**	**12%**

Highlights:

Personnel costs had a small increase of $700 with an increase in wages offset by a net decrease in benefit costs.

Materials & Supplies decreased by $4,300 due to small decreases in water/sewer system supplies, computer hardware, security/safety materials and uniforms offset by an increase of $2,300 in small tools.

Administrative Expenditures decreased $18,400 for gasoline, consulting fees $2,000, contractual services $15,000, and maintenance equip repairs offset by increases in training and subscriptions.

Capital Expenses totaled $1,608,400 and includes projects for water quality improvements, meter replacement, wellhead redevelopment, miscellaneous emergency water repairs and purchases in maintenance equipment. Miscellaneous project funds were reduced to reflect historical trend.

Wastewater Management

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	654,400	668,400	668,400	-	2%
Materials & Supplies	88,200	90,400	82,200	-	-7%
Administrative Exp	219,800	222,600	212,200	-	-3%
Total Operating Exp	**962,400**	**981,400**	**962,800**	**-**	**0%**
Capital Outlay	2,021,200	2,468,500	1,543,000	-	-24%
Total Expenditures	**$ 2,983,600**	**$ 3,449,900**	**$ 2,505,800**	**$ -**	**-16%**

Highlights:

Personnel costs increased $14,000 due to increase in wages and net benefit cost increases.

Materials & Supplies decreased $6,000 in pumping station and water/sewer supplies, security/safety materials, uniforms, computer hardware and chemicals and additives and small increases for small tools and water/sewer.

Administrative Expenses decreased $22,200 in gasoline, electricity, and radio repairs and maintenance.

Capital Expenses totaled $1,543,000 which includes projects for the meter replacement program, SCADA equipment, inflow/infiltration removal, Lepore Road sewer upgrade and Puncheon Run pumping station improvements. Miscellaneous project funds were reduced to reflect historical trends. Projects not fully engineered and designed were moved out to the next year.

Water Treatment

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	1,040,100	1,083,900	1,083,900	-	4%
Materials & Supplies	159,800	171,400	160,900	-	1%
Administrative Exp	527,500	568,500	534,000	-	1%
Total Operating Exp	**1,727,400**	**1,823,800**	**1,778,800**	**-**	**3%**
Capital Outlay	1,200,000	1,598,100	-	-	-100%
Total Expenditures	**$ 2,927,400**	**$ 3,421,900**	**$ 1,778,800**	**$ -**	**-39%**

Highlights:

Personnel costs increased $43,800 for wages and net benefit cost increase.

Materials & Supplies had a small increase of $1,100 which included $5,000 for siding replacement on well houses and decreases in uniforms, small tools and computer hardware.

Administrative Expenditures increased $6,500 due to UCMR monitoring requirement of $24,000 offset by a decrease of $15,000 in electricity and various other expenses.

Note – The Water Treatment Plant rehabilitation project has been moved to FY19 until such time the forecast model can be updated to reflect the budgetary increase and how the capital cost will be financed and the potential affects on water rates.

ELECTRIC FUND BUDGET REVIEW

Fiscal Year 2017-2018

May 2017 – Budget Review Hearing

Electric Administration

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	479,700	477,600	473,200	-	-1%
Materials & Supplies	149,500	150,600	167,900	-	12%
Administrative Exp	300,500	302,600	153,700	-	-49%
Total Operating Exp	**929,700**	**930,800**	**794,800**	**-**	**-15%**
Capital Outlay	-	1,183,700	8,500	-	0%
Total Expenditures	**$ 929,700**	**$ 2,114,500**	**$ 803,300**	**$ -**	**-14%**

Highlights:

Personnel Costs decreased $2,100 due to reduction in salaries for 2 positions offset by a net increase in benefit costs.

Materials and Supplies increased $18,400 mainly due to an $18,700 increase in city building maintenance on Weydandt Hall.

Administrative expenses decreased by $146,800 due to a decrease in legal expenses of $125,000 (moved to a fund expense $25,000), and consulting fees of $25,000 offset by an increase in contractual services of $4,000.

Capital Outlay increased $8,500 for piping and thermostat wiring for heat pumps in the Administrative Office Building.

Note – The requested budget included the replacement of the HVAC equipment at Weyandt Hall. Once building assessments and pricing are completed this item may be presented at a later date.

Electric T&D

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	2,652,500	2,670,900	2,689,100	-	1%
Materials & Supplies	434,600	453,600	422,600	-	-3%
Administrative Exp	518,600	525,300	487,900	-	-6%
Total Operating Exp	**3,605,700**	**3,649,800**	**3,599,600**	**-**	**0%**
Capital Outlay	1,975,000	2,428,000	1,725,500	-	-13%
Total Expenditures	**$ 5,580,700**	**$ 6,077,800**	**$ 5,325,100**	**$ -**	**-5%**

Highlights:

Personnel costs increased $36,600 due to step increases in accordance with the labor agreement.

Materials & Supplies decreased $12,000 due to $26,200 decrease in electric materials/supplies offset by an increase of $14,000 to compensate for DAFB solar project.

Administrative Expenses decreased $30,700 in contractual services.

Capital Outlay is for New Developments, meter test bench replacement, switchgear replacement, a pickup truck and a knuckleboom replacement.

Electric Engineering

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	941,500	924,900	923,600	-	-2%
Materials & Supplies	61,000	72,000	62,500	-	2%
Administrative Exp	245,400	306,200	237,000	-	-3%
Total Operating Exp	**1,247,900**	**1,303,100**	**1,223,100**	**-**	**-2%**
Capital Outlay	910,700	3,680,700	1,315,000	-	44%
Total Expenditures	**$ 2,158,600**	**$ 4,983,800**	**$ 2,538,100**	**$ -**	**18%**

Highlights:

Personnel Costs decreased $17,900 overall due to the retirement of an employee that was in the employee pension plan offset by wage increases for step increases and net benefit decreases.

Materials & Supplies increased by $1,500 mainly due to an increase in computer hardware of $10,800 which includes 3 Dell Toughbooks offset by a reduction of $9,000 in electric materials/supplies.

Administrative Expenses decreased by $8,400 in training, equip/radio repairs, and gasoline.

Capital Outlay includes advanced metering infrastructure, distribution upgrades, and various other projects totaling $1,315,000.

Meter Reading

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	350,600	419,100	363,000	-	4%
Materials & Supplies	14,900	16,500	14,200	-	-5%
Administrative Exp	13,100	13,900	13,800	-	5%
Total Operating Exp	**378,600**	**449,500**	**391,000**	**-**	**3%**
Capital Outlay	41,800	-	-	-	-100%
Total Expenditures	**$420,400**	**$449,500**	**$ 391,000**	**$ -**	**-7%**

Highlights:

Personnel costs increased by $12,400 for benefit costs.

Materials and Supplies remained about the same with a small decrease in tools.

Administrative Expenses remained about the same with small increases in other equipment repairs/maintenance and radio repairs/maintenance.

Systems Operations

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	651,700	644,700	644,700	-	-1%
Total Expenditures	**$ 651,700**	**$ 644,700**	**$ 644,700**	**$ -**	**-1%**

Highlights:

Personnel Costs decreased due to decreases in benefit costs offset by wage increases.

Power Plant Operations

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
Personnel Costs	3,654,000	3,598,400	3,516,900	-	-2%
Materials & Supplies	244,200	315,500	231,000	-	29%
Administrative Exp	2,317,500	2,572,800	2,398,600	-	11%
Total Operating Exp	**6,215,700**	**6,486,700**	**6,146,500**	**-**	**4%**
Capital Outlay	1,842,800	2,990,000	2,328,000	-	62%
Total Expenditures	**$ 8,058,500**	**$ 9,476,700**	**$ 8,474,500**	**$ -**	**18%**

Highlights:

Personnel Costs decreased for wages and burden due to retirement of units 1 & 2 and the burden cost adjusted downward to be reflective of historical cost .

Materials & Supplies decreased by $69,200 due to decreases in computer hardware, city building maintenance expense and Water/Sewer expense.

Administrative Expenses increased by $81,100 with large variations in many line items, most notable increases of $65,000 for Operator insurance, $42,500 environment expenses offset by a decreases in training $12,500 and fire protection system $12,500.

Capital Outlay increased and includes 8 projects totaling $2,328,000 for McKee Run and Van Sant plants.

Power Supply

	2016-2017 Budget	2017-2018 Requested	2017-2018 Recommended	2017-2018 Approved	% Change
65 Series Supply Mgmt and Incentive Fees	996,000	835,000	960,000	-	-4%
95 Series Purchases, Capacity, and PJM Charges	41,639,900	40,628,300	41,276,200	-	-1%
98 Fuel	302,600	1,614,600	817,400	-	170%
Total Expenditures	**$ 42,938,500**	**$ 43,077,900**	**$ 43,053,600**	**$ -**	**0%**

Highlights:

The budget includes power supply & risk management services, estimated power supply and fuel costs for Fiscal 2018. It is recommended that the associated contractual services and legal expenses for power supply and generation be transferred into this division from the Administrative division.

Final Discussion and Wrap-Up

City of Dover
All Funds Summary
Fiscal 2018 Proposed Recommended Budget

	Fund or Reserve Account	Beginning Balances	Revenues/ Transfers In	Expenses/ Transfers Out	Ending Balances
1	General Fund				
2	Operating Fund	$ 4,597,100	$ 42,811,600	$ (42,793,000)	$ 4,615,700
3	Contingency Account	743,600	10,800	-	754,400
4	Capital Project Fund	412,900	2,071,700	(2,029,200)	455,400
5	Capital Asset Reserve	1,525,700	(399,800)	-	1,125,900
6	Parkland Reserve	376,300	4,900	(205,000)	176,200
7	Total General Fund	7,655,600	44,499,200	(45,027,200)	7,127,600
8	Water/Wastewater Fund				
9	Operating Fund	2,497,700	15,439,000	(15,102,100)	2,834,600
10	Contingency Account	527,800	9,600	-	537,400
11	I & E Fund	3,237,100	3,293,200	(3,151,400)	3,378,900
12	Capital Asset Reserve	1,053,200	15,300	-	1,068,500
13	Impact Fee Reserve	3,159,300	46,300	-	3,205,600
14	Total Water Fund	10,475,100	18,803,400	(18,253,500)	11,025,000
15	Electric Fund				
16	Operating Fund *	14,113,500	81,874,200	(86,147,000)	9,840,700
17	Contingency Account	863,500	13,800	-	877,300
18	Insurance Reserve	775,800	12,400	-	788,200
19	Rate Stabilization Reserve	10,635,500	5,370,200	-	16,005,700
20	I & E Fund	6,600,300	5,479,800	(6,877,000)	5,203,100
21	Depreciation Reserve	13,042,800	208,700	-	13,251,500
22	Future Capacity Reserve	13,197,700	211,200	-	13,408,900
23	Total Electric Fund	59,229,100	93,170,300	(93,024,000)	59,375,400
24	Less:				
25	Interfund Operating Transfers		(10,900,000)	10,900,000	
	Capital and Reserve Transfers		(9,812,100)	9,812,100	
26	Interfund Allocations		5,324,800	(5,324,800)	
28	Subtotal Major Operating Funds	77,359,800	141,085,600	(140,917,400)	77,528,000
29	Workers Compensation	1,487,800	926,800	(739,800)	1,674,800
30	Community Transportation Fund	85,200	500,000	(500,000)	85,200
31	Police Grants	72,400	358,000	(421,500)	8,900
32	Library Grants	-	284,200	(284,200)	-
33	CDBG	2,100	216,700	(216,700)	2,100
34	Total All Funds & Reserves	$ 79,007,300	$ 143,371,300	$ (143,079,600)	$ 79,299,000

Notes: Special Revenue Funds with receipts that pass over to the General Fund are not individually included. These are Municipal Street Aid, Civil Traffic Penalties, and Transfer Taxes.

* The Electric Fund Revenues do not include the distribution of prior year's earnings $6.2 million from the FY17 Beginning Budget Balance as rebated through a Power Cost Adjustment (PCA) credit; nor does it reflect $5.2 million of FY17 projected savings that are recommended to be transferred to the Rate Stabililzation Reserve until such time the Rate Design analysis is completed.

GENERAL FUND
CASH RECEIPT SUMMARY

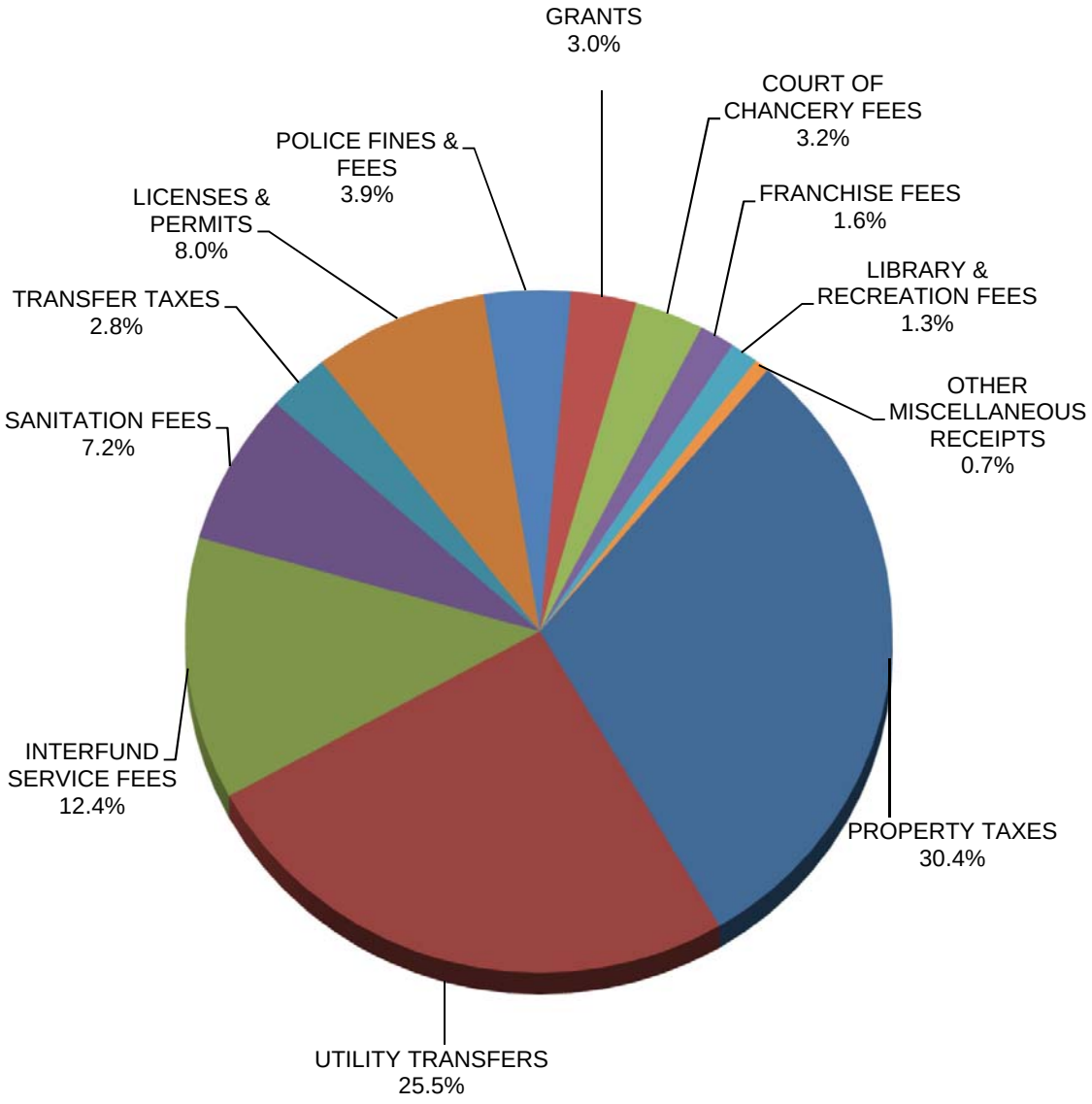
		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	**BEGINNING BALANCE**	**4,820,414**	**4,493,900**	**5,424,800**	**4,597,100**	**4,597,100**	**-**	**103,200**	**2.3%**
2	FINES AND POLICE REVENUE	659,418	763,300	605,900	740,600	678,600	-	(84,700)	**-11.1%**
3	LIBRARY REVENUES	67,078	70,300	98,200	65,000	100,000	-	29,700	**42.2%**
4	KENT COUNTY BOOK REIMBURSEMENT	352,599	312,600	269,900	300,000	300,000	-	(12,600)	**-4.0%**
5	BUSINESS LICENSES	1,475,794	1,467,000	1,460,000	1,467,000	1,467,000	-	-	**0.0%**
6	PERMITS AND OTHER FEES	1,756,849	1,662,100	1,771,700	1,831,000	1,956,000	-	293,900	**17.7%**
7	MISCELLANEOUS CHARGES	60,626	56,800	80,500	57,000	57,000	-	200	**0.4%**
8	POLICE EXTRA DUTY	559,929	525,000	525,000	500,000	500,000	-	(25,000)	**-4.8%**
9	PROPERTY TAXES	12,846,772	12,895,100	12,926,100	13,025,600	13,025,600	-	130,500	**1.0%**
10	RECREATION REVENUE	183,174	150,000	177,700	150,000	150,000	-	-	**0.0%**
11	FRANCHISE FEE	684,540	680,000	686,700	688,100	688,100	-	8,100	**1.2%**
12	SANITATION FEES	2,527,478	2,538,300	2,513,300	2,510,700	3,080,400	-	542,100	**21.4%**
13	RENT REVENUE - GARRISON FARM	93,858	94,500	95,700	96,900	96,900	-	2,400	**2.5%**
14	COURT OF CHANCERY FEES	1,239,300	1,100,000	1,305,600	1,350,000	1,350,000	-	250,000	**22.7%**
15	INVESTMENT INCOME	171,806	90,000	148,400	138,000	138,000	-	48,000	**53.3%**
16	**RECEIPTS SUBTOTAL**	**22,679,221**	**22,405,000**	**22,664,700**	**22,919,900**	**23,587,600**	**-**	**1,182,600**	**5.3%**
17	**INTERFUND SERVICE RECEIPTS**								
18	INTERFUND SERVICE RECEIPTS W/WW	1,426,018	1,653,800	1,673,400	1,706,000	1,699,800	-	46,000	**2.8%**
19	INTERFUND SERVICE RECEIPTS ELECTRIC	3,640,969	3,564,900	3,625,900	3,640,900	3,625,000	-	60,100	**1.7%**
20	**INTERFUND SERVICE RECEIPTS SUBTOTAL**	**5,066,987**	**5,218,700**	**5,299,300**	**5,346,900**	**5,324,800**	**-**	**106,100**	**2.0%**
21	**GRANTS:**								
22	POLICE RELATED/EXTRA DUTY	159,017	258,600	258,600	60,000	60,000	-	(198,600)	**-76.8%**
23	POLICE PENSION GRANT	415,128	500,000	415,200	415,000	415,000	-	(85,000)	**-17.0%**
24	GREEN ENERGY GRANT	98,500	98,500	98,500	98,500	98,500	-	-	**0.0%**
25	MISC GRANT REVENUE	8,933	25,000	3,800	25,000	25,000	-	-	**0.0%**
26	CABLE FRANCHISE GRANT	50,000	-	-	-	-	-	-	**0.0%**
27	HISTORIC DISTRICT GRANT	-	-	-	6,500	6,500	-	6,500	**0.0%**
28	**GRANTS SUBTOTAL**	**731,578**	**882,100**	**776,100**	**258,600**	**605,000**	**-**	**(277,100)**	**-31.4%**
29	**TRANSFERS FROM:**								
30	TRANSFER TAX	2,188,634	1,672,700	1,457,000	1,672,700	1,209,300	-	(463,400)	**-27.7%**
31	MUNICIPAL STREET AID	673,377	673,100	673,100	673,100	673,100	-	-	**0.0%**
32	CIVIL TRAFFIC PENALTIES	468,793	496,900	470,000	511,800	511,800	-	14,900	**3.0%**
33	WATER/WASTEWATER	850,000	875,000	875,000	900,000	900,000	-	25,000	**2.9%**
34	ELECTRIC	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	-	-	**0.0%**
35	OTHER RESERVES	15,911	-	-	-		-	-	**0.0%**
36	**TRANSFERS FROM SUBTOTAL**	**14,196,715**	**13,717,700**	**13,475,100**	**13,757,600**	**13,294,200**	**-**	**(423,500)**	**-3.1%**
37	**TOTAL REVENUES**	**42,674,501**	**42,223,500**	**42,215,200**	**42,283,000**	**42,811,600**	**-**	**588,100**	**1.4%**
38	**TOTAL BEGINNING BALANCE & REVENUE**	**47,494,915**	**46,717,400**	**47,640,000**	**46,880,100**	**47,408,700**	**-**	**691,300**	**1.5%**

GENERAL FUND
EXPENSE SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	**DEPARTMENT EXPENSES:**								
2	CITY CLERK	370,101	412,300	416,200	439,400	429,900	-	17,600	**4.3%**
3	COUNCIL	100,129	141,100	141,100	144,100	155,100	-	14,000	**9.9%**
4	TAX ASSESSOR	237,364	244,000	247,400	237,300	236,800	-	(7,200)	**-3.0%**
5	FIRE	686,947	721,700	721,700	809,800	774,900	-	53,200	**7.4%**
6	GROUNDS MAINTENANCE	1,056,855	1,201,300	1,201,300	1,162,500	1,140,600	-	(60,700)	**-5.1%**
7	LIBRARY	1,430,640	1,635,000	1,666,700	1,719,900	1,709,700	-	74,700	**4.6%**
8	RECREATION	713,462	750,900	757,300	774,000	762,900	-	12,000	**1.6%**
9	LIFE SAFETY	491,402	485,200	488,200	500,800	497,900	-	12,700	**2.6%**
10	CODE ENFORCEMENT	396,097	421,100	425,100	448,900	447,700	-	26,600	**6.3%**
11	PLANNING	516,303	546,800	552,800	566,700	561,500	-	14,700	**2.7%**
12	INSPECTIONS	726,661	697,900	701,000	1,021,700	721,000	-	23,100	**3.3%**
13	ECONOMIC DEVELOPMENT	240,057	-	-	-	-	-	-	**0.0%**
14	POLICE	15,951,661	16,091,600	16,298,300	16,677,000	16,415,900	-	324,300	**2.0%**
15	POLICE EXTRA DUTY	683,859	783,600	804,500	560,100	560,000	-	(223,600)	**-28.5%**
16	STREETS	667,574	1,163,500	1,166,100	1,406,800	1,118,400	-	(45,100)	**-3.9%**
17	SANITATION	2,093,043	2,032,800	2,036,400	2,143,600	2,563,900	-	531,100	**26.1%**
18	CITY MANAGER	917,201	792,400	796,400	702,100	747,500	-	(44,900)	**-5.7%**
19	INFORMATION TECHNOLOGY	603,226	716,300	720,000	727,900	774,200	-	57,900	**8.1%**
20	FINANCE	979,550	1,011,100	1,017,600	1,038,100	1,029,100	-	18,000	**1.8%**
21	PUBLIC WORKS - ADMINISTRATION	552,815	680,000	682,300	717,900	711,100	-	31,100	**4.6%**
22	FACILITIES MANAGEMENT	665,827	607,100	610,500	639,600	629,700	-	22,600	**3.7%**
23	PUBLIC WORKS - ENGINEERING	166,579	207,000	207,000	243,800	276,500	-	69,500	**33.6%**
24	PROCUREMENT & INVENTORY	558,220	585,100	585,100	604,300	602,500	-	17,400	**3.0%**
25	FLEET MAINTENANCE	791,913	776,300	777,600	791,300	836,700	-	60,400	**7.8%**
26	CUSTOMER SERVICE	1,037,886	1,143,800	1,244,300	1,225,800	1,166,200	-	22,400	**2.0%**
27	HUMAN RESOURCES	366,812	392,500	401,400	501,500	430,300	-	37,800	**9.6%**
28	MAYOR	74,861	74,000	74,000	73,900	73,900	-	(100)	**-0.1%**
29	**DEPARTMENT SUBTOTALS**	**33,077,045**	**34,314,400**	**34,740,300**	**35,878,800**	**35,373,900**	**-**	**1,059,500**	**3.1%**
30	**OTHER EXPENDITURES:**								
31	DEBT SERVICE	672,389	685,300	685,300	443,100	443,100	-	(242,200)	**-35.3%**
32	CONTRIBUTION TO DDP	70,000	150,000	150,000	150,000	150,000	-	-	**0.0%**
33	MISCELLANEOUS GRANT RELATED EXP	-	25,000	25,000	25,000	25,000	-	-	**0.0%**
34	INSURANCE	680,148	700,000	700,000	735,000	735,000	-	35,000	**5.0%**
35	RETIREES HEALTH CARE	1,567,700	2,039,700	2,039,700	2,063,000	2,063,000	-	23,300	**1.1%**
36	OTHER EMPLOYMENT EXPENSES	-	400,700	95,800	490,000	430,000	-	29,300	**7.3%**
37	BANK & CREDIT CARD FEES	7,346	15,000	15,000	21,000	21,000	-	6,000	**40.0%**
38	UNCOLLECTIBLES - TRASH AND OTHER	350,000	50,000	50,000	100,000	100,000	-	50,000	**100.0%**
39	STREET LIGHTS	804,246	804,000	804,000	810,000	810,000	-	6,000	**0.7%**
40	NEW PROPERTIES ACQUISITIONS	240,362	-	-	-	-	-	-	**0.0%**
41	**OTHER EXPENSE SUBTOTAL**	**4,392,191**	**4,869,700**	**4,564,800**	**4,837,100**	**4,777,100**	**-**	**(92,600)**	**-1.9%**
42	**TRANSFERS**								
43	TRANSFER TO CAPITAL ASSET RESERVE	229,600	-	253,400	-	-	-	-	**0.0%**
44	TRANSFER TO CAPITAL FUND - PROJECTS	2,625,400	1,859,400	2,304,400	8,255,300	1,407,100	-	(452,300)	**-24.3%**
45	APPROP. TO THE POLICE PENSION FUND	415,128	670,000	670,000	761,500	761,500	-	91,500	**13.7%**
46	APPROP. POLICE PENSION - STATE GRANT	676,500	500,000	500,000	415,000	415,000	-	(85,000)	**-17.0%**
47	APPROP. TO THE GENERAL PENSION FUND	594,300	-	-	-	48,400	-	48,400	**0.0%**
48	TRANSFER TO ELECTRIC I & E FUND	-	-	-	322,300	-	-	-	**0.0%**
49	TRANSFER TO OTHER/CABLE FRANCHISE RESV	50,000	-	-	-	-	-	-	**0.0%**
50	TRANSFER TO INVENTORY WRITE-OFFS	10,000	10,000	10,000	10,000	10,000	-	-	**0.0%**
51	**TRANSFERS SUBTOTAL**	**4,600,928**	**3,039,400**	**3,737,800**	**9,764,100**	**2,642,000**	**-**	**(397,400)**	**-13.1%**
52	**TOTAL EXPENDITURES**	**42,070,164**	**42,223,500**	**43,042,900**	**50,480,000**	**42,793,000**	**-**	**569,500**	**1.3%**
53	**BUDGET BALANCE**	**5,424,751**	**4,493,900**	**4,597,100**	**(3,599,900)**	**4,615,700**	**-**	**121,800**	**2.7%**
54	**TOTAL BUDGET BALANCE & EXPENDITURES**	**47,494,915**	**46,717,400**	**47,640,000**	**46,880,100**	**47,408,700**	**-**	**691,300**	**1.5%**
55	EXCEEDS/(REMAINS)TO MEET REQUIREMENT	2,010,800	1,116,000	1,219,900	(6,982,500)	1,190,800	-		

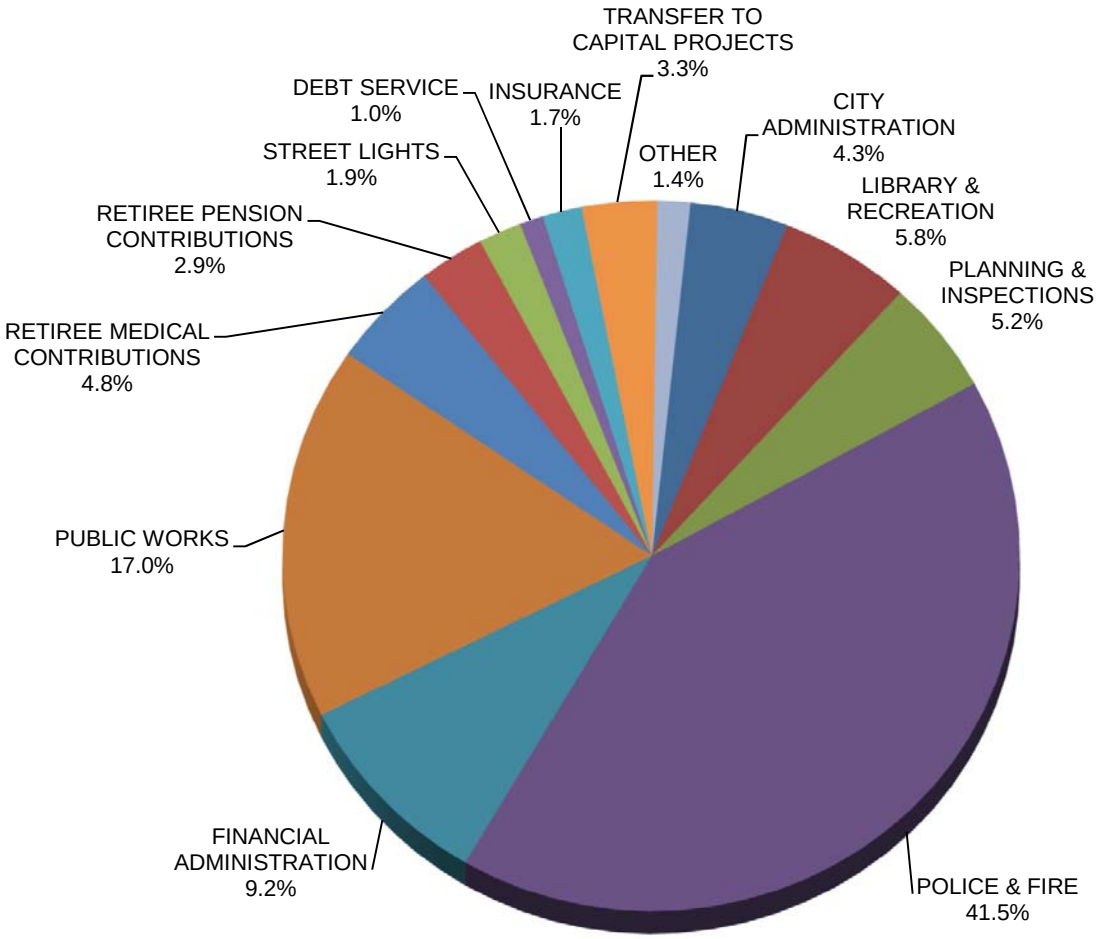
		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
56	**RESERVE BALANCES**								
57	CONTINGENCY	732,833	741,000	743,600	754,400	754,400	-	13,400	$700K

Fiscal Year 2017/2018
General Fund Revenue



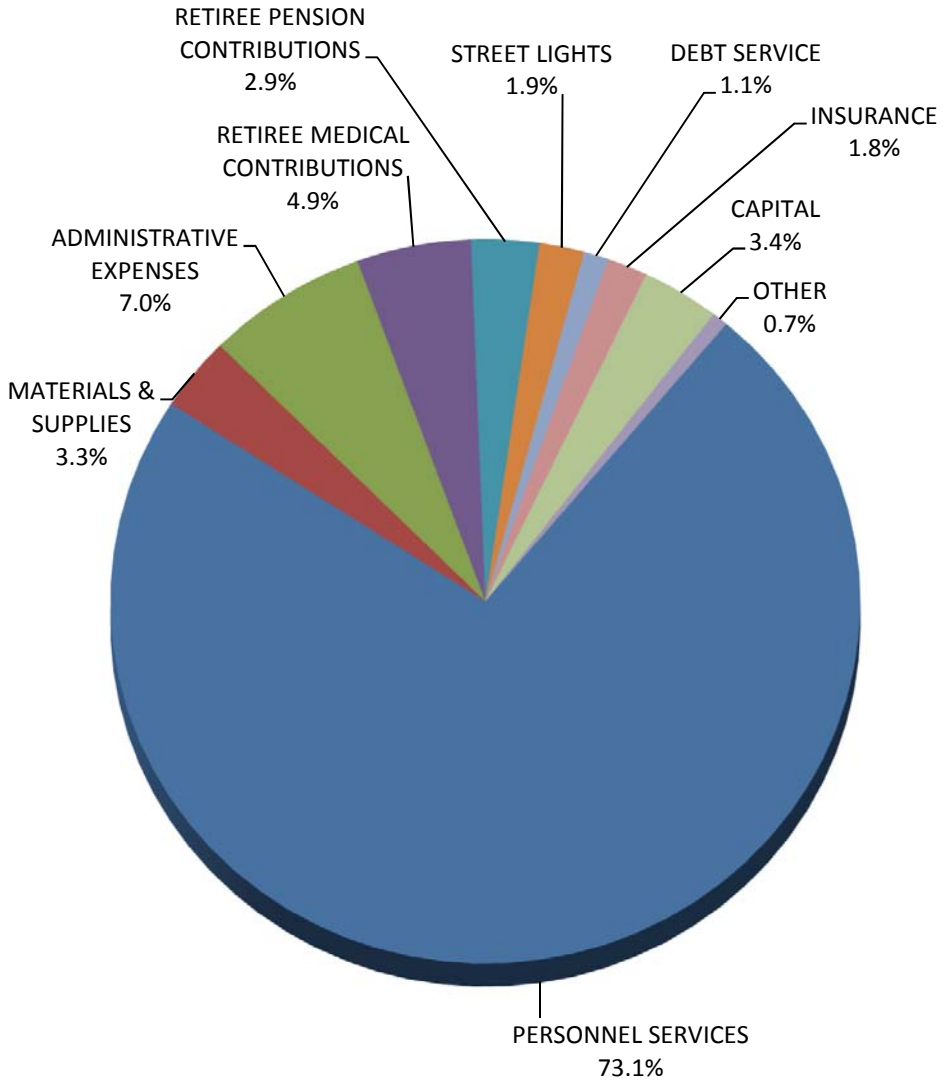
Fiscal Year 2017/2018
General Fund Expenditures

By Major Function

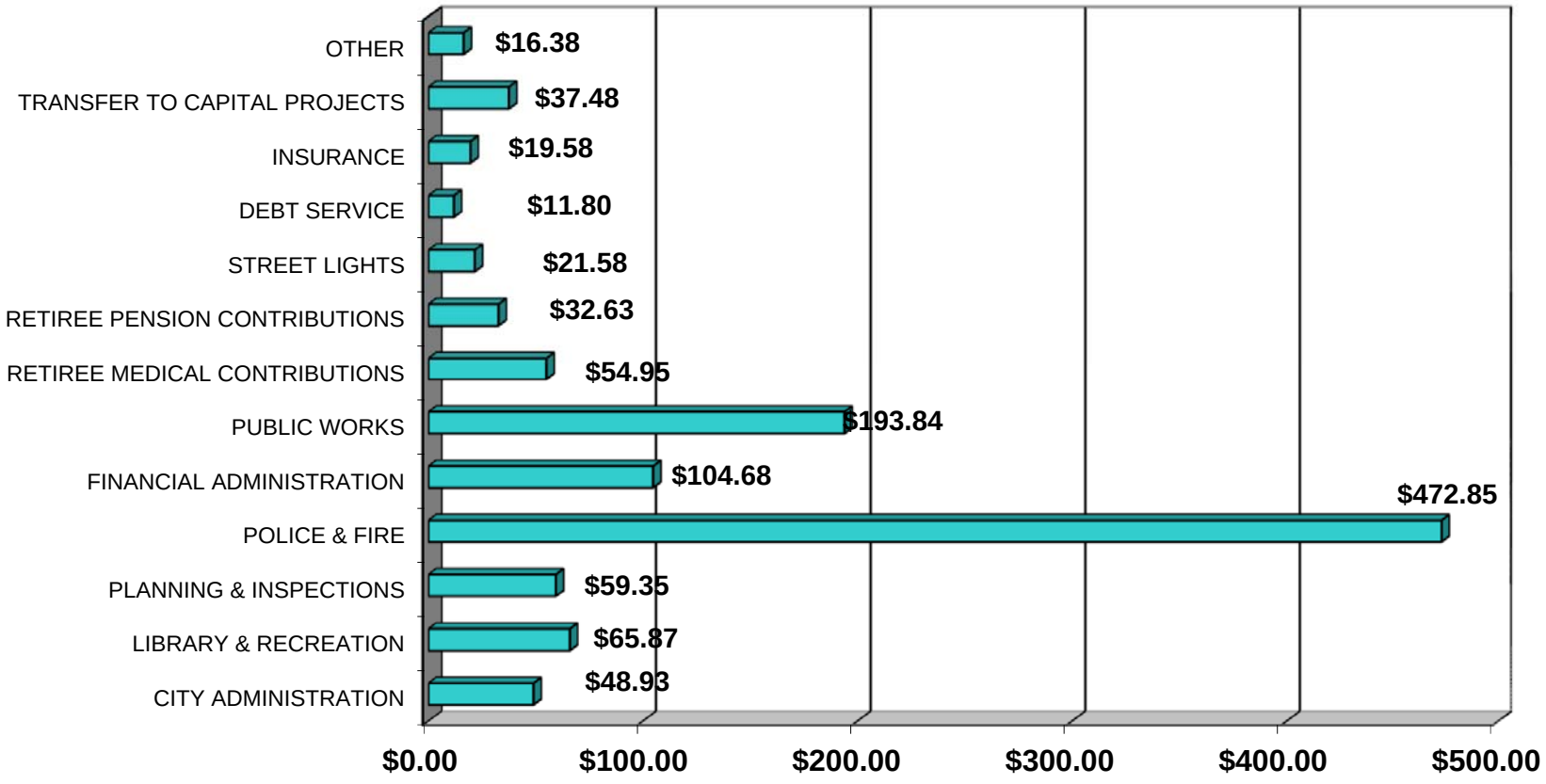


Several General Fund Departments service all City operations. The General Fund bills the utility funds services provided. The receipts are reported as revenue in the General Fund and not netted against the expenditures.

Fiscal Year 2017/2018
General Fund Expenditures
By Expenditure Category



PROJECTED COST PER CAPITA BY FUNCTION
Fiscal Year 2017-2018



Total per capita based on population estimate of 37,540 = $1,139.93

GOVERNMENTAL CAPITAL PROJECTS FUND SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	**BEGINNING BALANCE - PROJECTS**	**2,926,738**	**383,900**	**1,472,100**	**412,900**	**412,900**	**-**	**29,000**	**7.6%**
2	**REVENUES**								
3	STATE GRANTS - Other	63,890	105,000	31,400	158,000	33,000	-	(72,000)	**-68.6%**
4	INCOME FROM SALE OF ASSETS	180,401	-	70,100	-	-	-	-	**0.0%**
5	MISCELLANEOUS RECEIPTS	77,663	-	16,700	-	-	-	-	**0.0%**
6	INTEREST EARNINGS	5,427	5,000	13,600	8,300	8,300	-	3,300	**66.0%**
7	TRANSFER FROM GENERAL FUND	2,625,400	1,859,400	2,304,400	8,255,300	1,407,100	-	(452,300)	**-24.3%**
8	TRANSFER FROM COM TRANSP FUND	-	-	-	-	-	-	-	**0.0%**
9	TRANSFER FROM MUNICIPAL STREET AID - CAP	-	-	-	-	-	-	-	**0.0%**
8	TRANSFER FROM PARKLAND RESERVE	-	80,000	-	50,000	205,000	-	125,000	**156.3%**
9	TRANSFER FROM CAPITAL ASSET RESERVE		-	-	-	418,300	-	418,300	**0.0%**
9	TRANSFER FROM CABLE FRANCHISE RESV	-	-	155,400	-	-	-	-	**0.0%**
10	**SUBTOTAL CAPITAL PROJECT FUNDING SOURCES**	**2,952,781**	**2,049,400**	**2,591,600**	**8,471,600**	**2,071,700**	**-**	**22,300**	**1.1%**
11	**TOTAL FUNDING SOURCES**	**2,952,781**	**2,049,400**	**2,591,600**	**8,471,600**	**2,071,700**	**-**	**22,300**	**1.1%**
12	**TOTAL BEGINNING BALANCE & FUNDING SOURCE**	**5,879,519**	**2,433,300**	**4,063,700**	**8,884,500**	**2,484,600**	**-**	**51,300**	**2.1%**
13	**EXPENDITURES**								
14	CITY CLERK	-	-	155,400	-	-	-	-	**0.0%**
15	TAX ASSESSOR	-	-	-	18,200	-	-	-	**0.0%**
16	FIRE	445,594	145,700	145,700	184,100	184,100	-	38,400	**26.4%**
17	GROUNDS	68,352	58,200	153,800	62,500	62,500	-	4,300	**7.4%**
18	LIBRARY	-	-	15,000	-	-	-	-	**0.0%**
19	RECREATION	70,514	165,000	-	241,000	271,000	-	106,000	**64.2%**
20	LIFE SAFETY	56,411	29,500	29,500	-	-	-	(29,500)	**-100.0%**
21	CODE ENFORCEMENT	-	-	-	23,800	-	-	-	**0.0%**
22	PLANNING	-	-	-	16,000	-	-	-	**0.0%**
23	INSPECTIONS	-	-	-	16,000	-	-	-	**0.0%**
24	POLICE	268,501	299,800	299,800	2,218,400	379,900	-	80,100	**26.7%**
25	STREETS	2,918,713	1,026,000	1,988,600	5,110,500	1,070,000	-	44,000	**4.3%**
26	SANITATION	402,484	261,500	261,500	435,100	-	-	(261,500)	**-100.0%**
27	CITY MANAGER	-	-	502,800	-	-	-	-	**0.0%**
28	INFORMATION TECHNOLOGY	-	-	-	50,600	36,600	-	36,600	**0.0%**
29	FACILITIES MANAGEMENT	-	27,700	27,700	25,100	25,100	-	(2,600)	**-9.4%**
30	FLEET MAINTENANCE	84,234	31,000	31,000	27,000	-	-	(31,000)	**-100.0%**
31	**DEPARTMENT SUBTOTAL**	**4,314,803**	**2,044,400**	**3,610,800**	**8,428,300**	**2,029,200**	**-**	**(15,200)**	**-0.7%**
32	**TRANSFERS & MISCELLANEOUS EXPENSES**								
33	TRANSFER TO PARKLAND RESERVE	-	-	40,000	-	-	-	-	**0.0%**
34	TRANSFER TO CAPITAL ASSET RESERVE	92,700	-	-	-	-	-	-	**0.0%**
35	**TRANSFERS & MISCELLANEOUS SUBTOTAL**	**92,700**	**-**	**40,000**	**-**	**-**	**-**	**-**	**0.0%**
36	**TOTAL EXPENDITURES**	**4,407,503**	**2,044,400**	**3,650,800**	**8,428,300**	**2,029,200**	**-**	**(15,200)**	**-0.7%**
37	BUDGET BALANCE	1,472,016	388,900	412,900	456,200	455,400	-	66,500	**17.1%**
38	**TOTAL BUDGET BALANCE & EXPENDITURES**	**5,879,519**	**2,433,300**	**4,063,700**	**8,884,500**	**2,484,600**	**-**	**51,300**	**2.1%**

		2015/16 ACTUAL	ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
39	**RESERVE BALANCES**								
40	CAPITAL ASSET RESERVE	1,253,780	1,266,300	1,525,700	1,544,200	1,125,900	-	(140,400)	Min $500K
41	PARKLAND/RECREATION	326,364	247,900	376,300	366,200	176,200	-	(71,700)	N/A

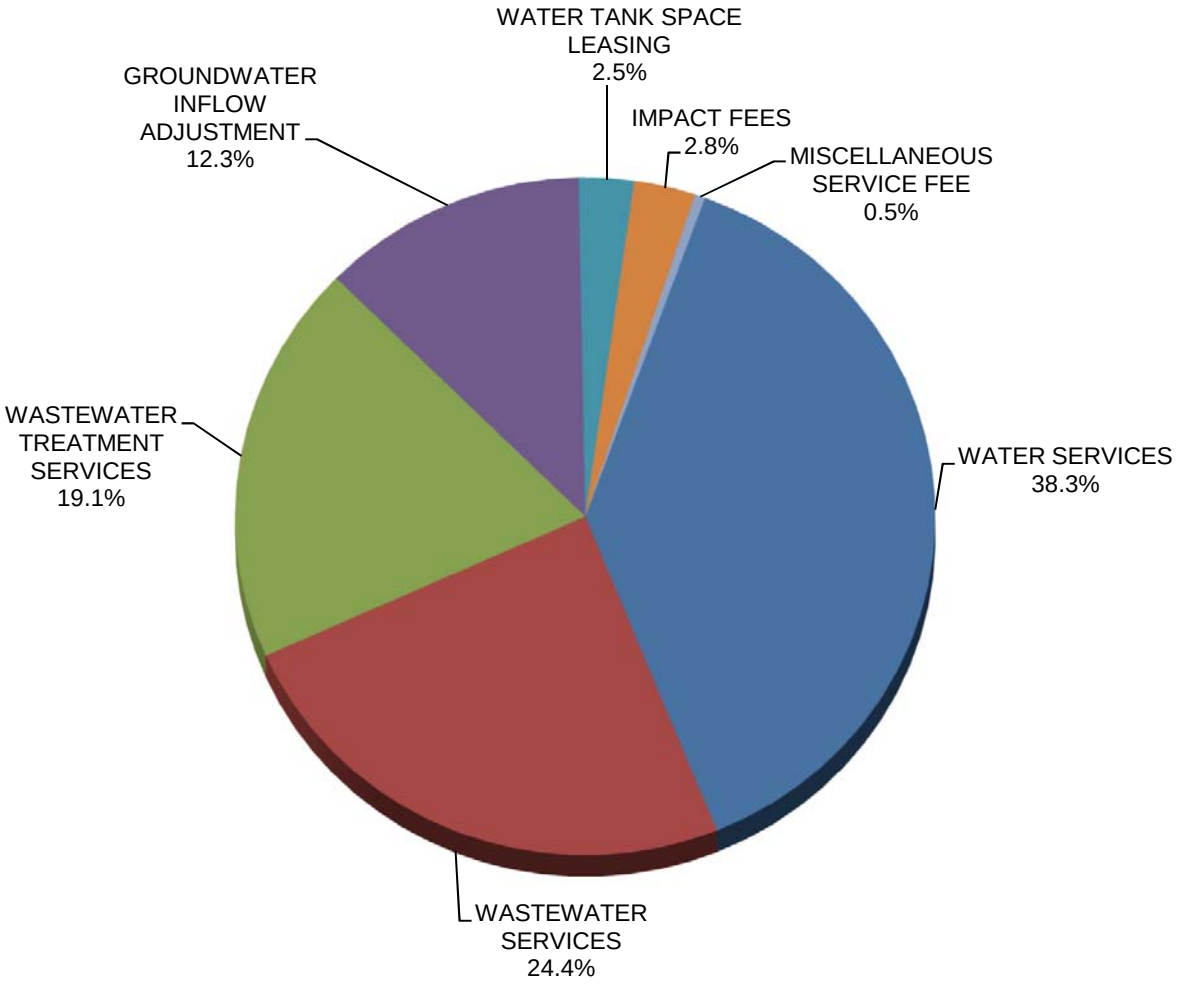
WATER/WASTEWATER FUND SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	BEGINNING BALANCE - WATER	1,072,915	566,500	881,300	1,330,900	1,330,900	-	764,400	**134.9%**
2	BEGINNING BALANCE - WASTEWATER	206,894	663,200	719,200	1,166,800	1,166,800	-	503,600	**75.9%**
3	**TOTAL BEGINNING BALANCES**	**1,279,809**	**1,229,700**	**1,600,500**	**2,497,700**	**2,497,700**	**-**	**1,268,000**	**103.1%**
4	**BASE REVENUE:**								
5	WATER SERVICES	5,457,061	5,800,000	5,716,600	5,914,600	5,914,600	-	114,600	**2.0%**
6	WASTEWATER SERVICES	3,745,497	3,800,000	3,724,000	3,768,000	3,768,000	-	(32,000)	**-0.8%**
7	WASTEWATER TREATMENT SERVICES	2,936,831	3,000,000	2,940,000	2,952,900	2,952,900	-	(47,100)	**-1.6%**
8	GROUNDWATER INFLOW ADJUSTMENT	1,878,057	1,938,000	1,879,900	1,899,700	1,899,700	-	(38,300)	**-2.0%**
9	WATER TANK SPACE LEASING	337,989	366,200	366,200	391,400	391,400	-	25,200	**6.9%**
10	WATER IMPACT FEES	238,030	252,000	584,000	231,000	231,000	-	(21,000)	**-8.3%**
11	WASTEWATER IMPACT FEES	207,516	228,000	519,600	209,000	209,000	-	(19,000)	**-8.3%**
12	INTEREST - WATER	2,171	10,000	5,700	5,700	5,700	-	(4,300)	**-43.0%**
13	INTEREST - WASTEWATER	2,170	10,000	5,700	5,700	5,700	-	(4,300)	**-43.0%**
14	MISCELLANEOUS SERVICE FEE	69,555	63,000	74,400	61,000	61,000	-	(2,000)	**-3.2%**
15	**TOTAL REVENUES**	**14,874,877**	**15,467,200**	**15,816,100**	**15,439,000**	**15,439,000**	**-**	**(28,200)**	**-0.2%**
16	**TOTAL BEGINNING BALANCE & REVENUES**	**16,154,686**	**16,696,900**	**17,416,600**	**17,936,700**	**17,936,700**	**-**	**1,239,800**	**7.4%**
17	**DIRECT EXPENSES:**								
18	ENGINEERING & INSPECTION	499,239	516,500	521,900	521,200	514,000	-	(2,500)	**-0.5%**
19	WATER DEPARTMENT	618,876	655,400	677,400	654,400	633,400	-	(22,000)	**-3.4%**
20	WASTEWATER DEPARTMENT	774,075	962,400	983,500	981,400	962,800	-	400	**0.0%**
21	WATER TREATMENT PLANT	1,647,253	1,727,400	1,736,800	1,823,800	1,778,800	-	51,400	**3.0%**
22	**DIRECT EXPENDITURE SUBTOTAL**	**3,539,443**	**3,861,700**	**3,919,600**	**3,980,800**	**3,889,000**	**-**	**27,300**	**0.7%**
23	**OTHER EXPENSES:**								
24	DEBT SERVICE - WATER	516,941	590,300	590,300	524,600	524,600	-	(65,700)	**-11.1%**
25	DEBT SERVICE - WASTEWATER	608,966	636,900	636,900	612,800	612,800	-	(24,100)	**-3.8%**
26	RETIREES HEALTH CARE	60,200	192,400	192,400	242,200	242,200	-	49,800	**25.9%**
27	OTHER EMPLOYMENT EXPENSES	-	21,200	3,300	37,000	33,700	-	12,500	**59.0%**
28	OPEB UNFUNDED LIABILITY	-	-	101,800	-	-	-	-	**0.0%**
29	KENT COUNTY TREATMENT CHARGE	3,894,341	4,130,000	4,130,000	3,926,500	3,926,500	-	(203,500)	**-4.9%**
30	INTERFUND SERVICE FEES	1,426,018	1,653,800	1,673,400	1,706,000	1,699,800	-	46,000	**2.8%**
31	BANK & CREDIT CARD FEES	23,559	25,000	25,000	26,000	26,000	-	1,000	**4.0%**
32	BOND ISSUANCE COSTS	-	40,000	40,000	40,000	40,000	-	-	**0.0%**
33	**OTHER EXPENSES SUBTOTAL**	**6,530,025**	**7,289,600**	**7,393,100**	**7,115,100**	**7,105,600**	**-**	**(184,000)**	**-2.5%**
34	**TRANSFER TO:**								
35	GENERAL FUND FROM WATER	550,000	500,000	500,000	500,000	500,000	-	-	**0.0%**
36	GENERAL FUND FROM WASTEWATER	300,000	375,000	375,000	400,000	400,000	-	25,000	**6.7%**
37	WATER IMP AND EXT	1,800,000	1,000,000	980,000	3,283,800	1,600,000	-	600,000	**60.0%**
38	WASTEWATER IMP AND EXT	1,500,000	1,000,000	980,000	2,038,500	1,600,000	-	600,000	**60.0%**
39	CONTINGENCY RESERVE WATER	32,000	110,000	131,100	-	-	-	(110,000)	**-100.0%**
40	CONTINGENCY RESERVE WASTEWATER	-	60,000	60,000	-	-	-	(60,000)	**-100.0%**
41	ELECTRIC IMP AND EXT	-	231,200	231,200	263,000	-	-	(231,200)	**-100.0%**
42	GENERAL EMPLOYEES PENSION	248,400	-	-	-	7,500	-	7,500	**0.0%**
43	**TRANSFER TO SUBTOTAL**	**4,484,789**	**3,276,200**	**3,257,300**	**6,485,300**	**4,107,500**	**-**	**831,300**	**25.4%**
44	**TOTAL EXPENSES**	**14,554,257**	**14,427,500**	**14,570,000**	**17,581,200**	**15,102,100**	**-**	**674,600**	**4.7%**
45	**BUDGET BALANCES**								
46	BUDGET BALANCE WATER	881,297	1,103,100	1,330,900	(431,700)	1,585,700	-	482,600	**43.7%**
47	BUDGET BALANCE WASTEWATER	719,132	1,166,300	1,166,800	787,200	1,248,900	-	82,600	**7.1%**
48	**BUDGET BALANCE SUBTOTALS**	**1,600,429**	**2,269,400**	**2,497,700**	**355,500**	**2,834,600**	**-**	**565,200**	**24.9%**
49	**TOTAL BUDGET BALANCES & EXPENSES**	**16,154,686**	**16,696,900**	**17,067,700**	**17,936,700**	**17,936,700**	**-**	**1,239,800**	**7.4%**
50	EXCEEDS/(REMAINS)TO MEET REQMNT	1,600,429	1,032,000	1,232,400	(879,700)	1,599,400	(1,235,200)		

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 BUDGET	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
51	**RESERVE BALANCES**								
52	CONTINGENCY - WATER	117,894	249,000	251,600	255,100	255,100	-	6,100	$250K
53	CONTINGENCY - WATER/WASTEWATER	214,629	253,100	276,200	282,300	282,300	-	29,200	$250K

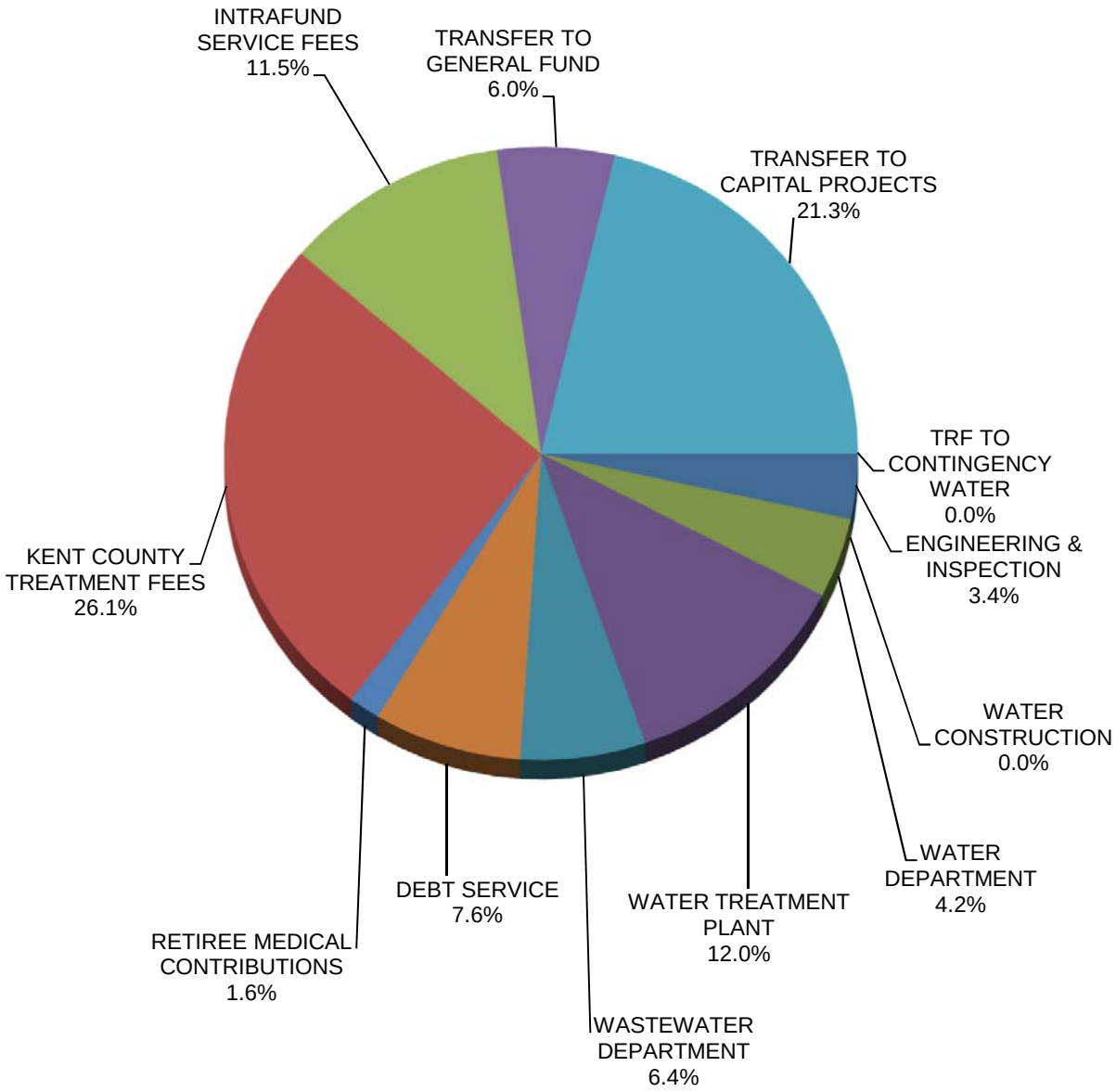
Fiscal Year 2017/2018
Water/Wastewater Fund

Revenue



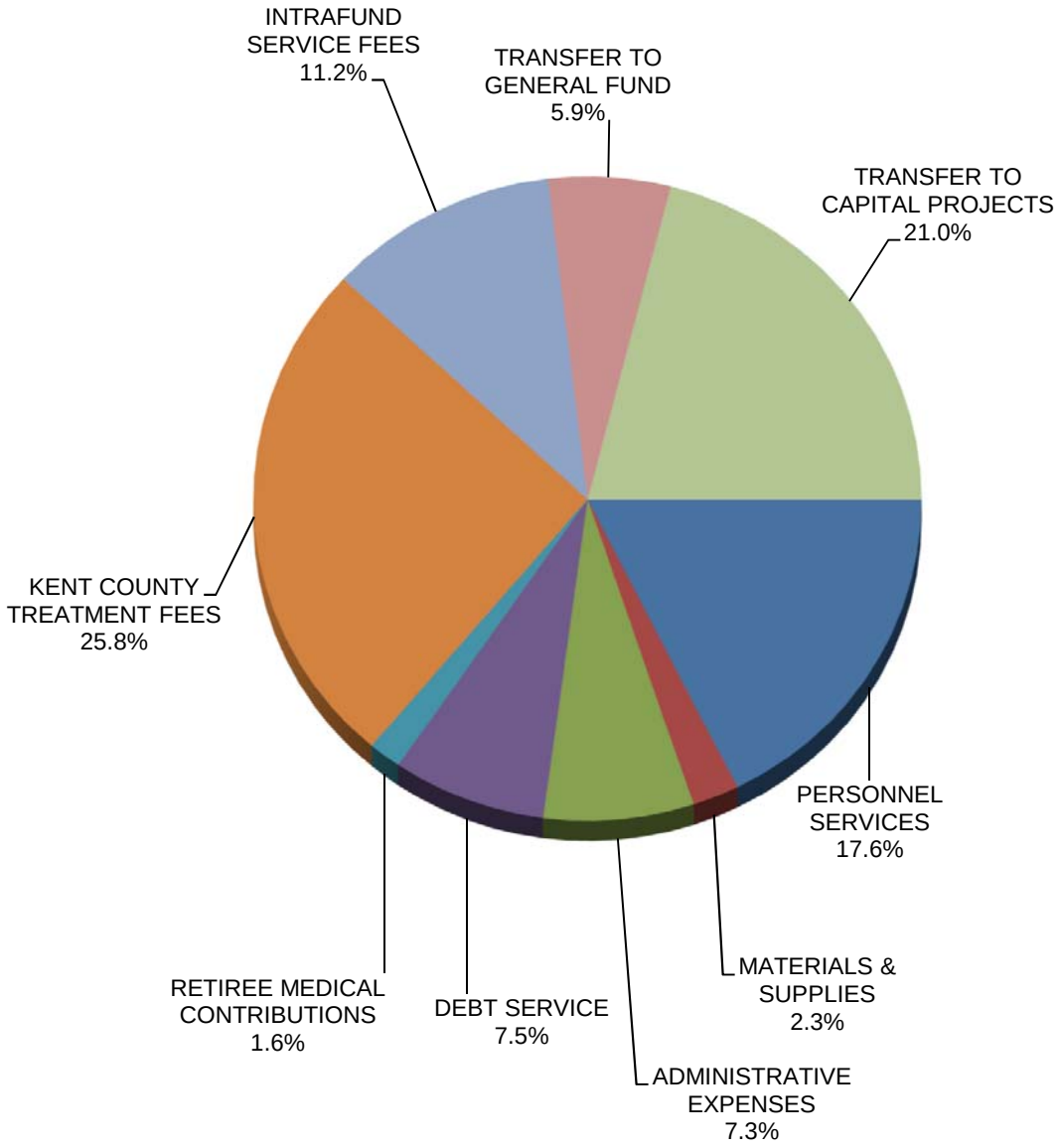
2017/2018 Budget
Water/Wastewater Fund Expenses

By Major Function



2017/2018 Budget
Water/Wastewater Fund Expenses

By Expense Category



WATER/WASTEWATER IMPROVEMENT & EXTENSION FUND SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	BEGINNING BALANCE - WATER	4,990,310	1,179,900	3,584,500	2,042,000	2,042,000	-	862,100	**73.1%**
2	BEGINNING BALANCE - WASTEWATER	4,551,722	952,600	3,129,800	1,195,100	1,195,100	-	242,500	**25.5%**
3	**TOTAL BEGINNING BALANCES**	**9,542,032**	**2,132,500**	**6,714,300**	**3,237,100**	**3,237,100**	**-**	**1,104,600**	**51.8%**
4	**REVENUES**								
5	STATE LOAN FUND - WATER	-	2,400,000	2,400,000	-	-	-	(2,400,000)	**-100.0%**
6	STATE LOAN FUND - WASTEWATER	-	884,000	884,000	250,000	-	-	(884,000)	**-100.0%**
7	TRANS FR OPERATING FUND - WATER	1,800,000	1,000,000	980,000	3,283,800	1,600,000	-	600,000	**60.0%**
8	TRANS FR OPERATING FUND - WW	1,500,000	1,000,000	980,000	2,038,500	1,600,000	-	600,000	**60.0%**
9	TRANSFER FR WATER IMPACT FEE	20,800	190,800	190,800	-	-	-	(190,800)	**-100.0%**
10	TRANSFER FR WASTEWATER IMPACT FEE	-	211,200	211,200	180,000	-	-	(211,200)	**-100.0%**
11	FEDERAL/STATE GRANTS	18,952	-	-	-	-	-	-	**0.0%**
12	PROCEEDS FROM SALE OF ASSETS	16,479	-	-	-	-	-	-	**0.0%**
13	INTEREST INCOME	119,442	20,000	92,000	93,200	93,200	-	73,200	**366.0%**
14	MISCELLANEOUS RECEIPTS	70,247	-	-	-	-	-	-	**0.0%**
15	**TOTAL REVENUES**	**3,545,920**	**5,706,000**	**5,738,000**	**5,845,500**	**3,293,200**	**-**	**(2,412,800)**	**-42.3%**
16	**TOTAL BEGINNING BALANCES & REVENUES**	**13,087,952**	**7,838,500**	**12,452,300**	**9,082,600**	**6,530,300**	**-**	**(1,308,200)**	**-16.7%**
17	**EXPENSES**								
18	W/WW ENGINEERING	-	30,400	30,400	-	-	-	(30,400)	**-100.0%**
19	WATER	1,810,487	1,338,800	3,908,100	1,685,700	1,608,400	-	269,600	**20.1%**
20	WASTEWATER	3,045,887	2,021,200	4,004,700	2,468,500	1,543,000	-	(478,200)	**-23.7%**
21	WATER TREATMENT PLANT	246,052	1,200,000	1,200,000	1,598,100	-	-	(1,200,000)	**-100.0%**
22	TRANSFER TO IMPACT FEE RESV - WW	1,271,343	-	-	-	-	-	-	**0.0%**
23	**TOTAL EXPENSES**	**6,373,769**	**4,590,400**	**9,143,200**	**5,752,300**	**3,151,400**	**-**	**(1,439,000)**	**-31.3%**
24	BUDGET BALANCE - WATER	3,584,464	2,226,700	2,042,000	2,088,600	2,080,200	-	(146,500)	**-6.6%**
25	BUDGET BALANCE - WASTEWATER	3,129,719	1,021,400	1,195,100	1,241,700	1,298,700	-	277,300	**27.1%**
26	**TOTAL ENDING BUDGET BALANCES**	**6,714,183**	**3,248,100**	**3,237,100**	**3,330,300**	**3,378,900**	**-**	130,800	**4.0%**
27	**TOTAL BUDGET BALANCES & EXPENSES**	**13,087,952**	**7,838,500**	**12,380,300**	**9,082,600**	**6,530,300**	**-**	**(1,308,200)**	**-16.7%**

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
28	**RESERVE BALANCES**								
29	CAPITAL ASSET RESERVE-WATER	519,543	518,500	527,200	534,900	534,900	-	16,400	MIN $500K
30	CAPITAL ASSET RESERVE-WASTEWATER	518,354	517,300	526,000	533,600	533,600	-	16,300	MIN $500K
31	IMPACT FEE RESERVE - WATER	434,156	243,200	249,800	254,000	254,000	-	10,800	20% of Rev.
32	IMPACT FEE RESERVE - WASTEWATER	3,075,416	1,391,800	2,909,500	2,951,600	2,951,600	-	1,559,800	20% of Rev.

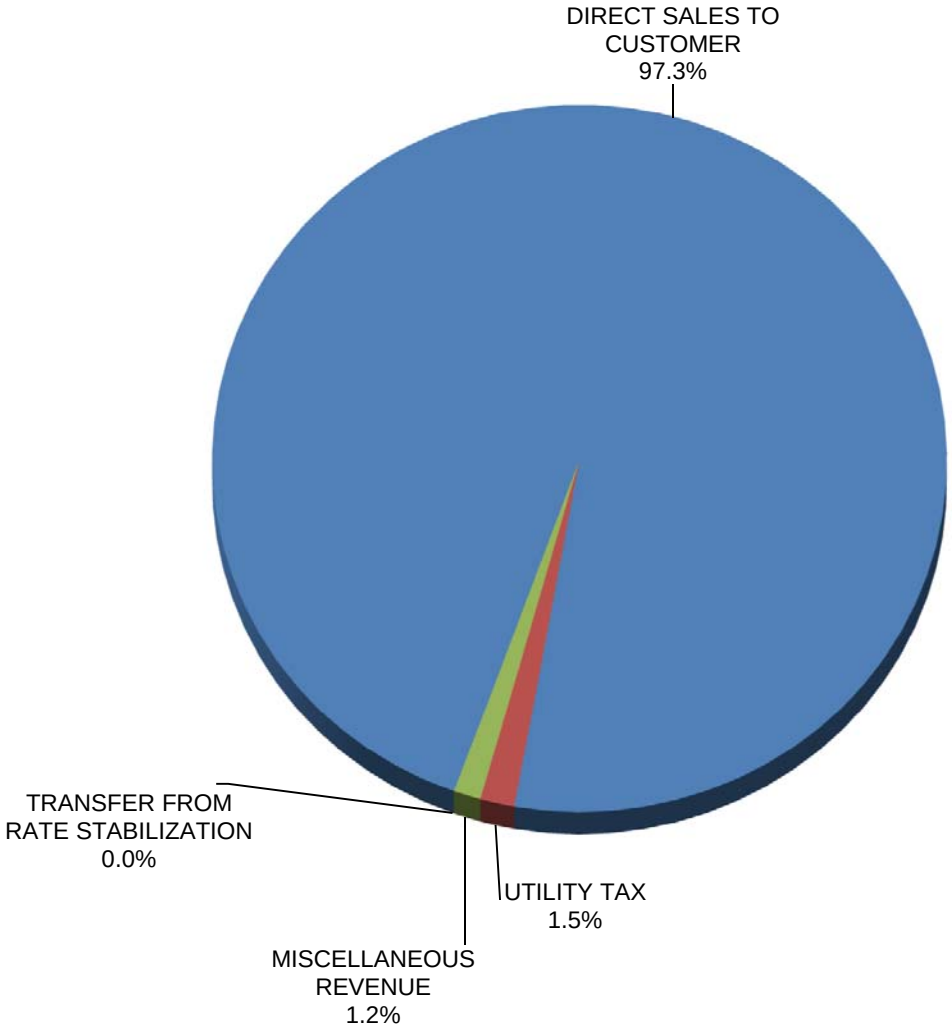
ELECTRIC REVENUE FUND SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	**BEGINNING BALANCE**	**8,337,466**	**13,302,200**	**19,896,400**	**20,290,200**	**20,290,200**	**-**	**6,988,000**	**52.5%**
2	DISTRIBUTION OF EARNINGS - PCA CREDIT	-	(1,798,000)	(1,851,300)	(6,176,700)	(6,176,700)	-	(4,378,700)	**243.5%**
3	**BEGINNING BALANCE - ADJUSTED**	**8,337,466**	**11,504,200**	**18,045,100**	**14,113,500**	**14,113,500**	**-**	**2,609,300**	**22.7%**
4	**BASE REVENUE:**								
5	DIRECT SALES TO CUSTOMER	77,844,937	78,991,200	81,373,900	78,851,100	79,656,000	-	664,800	**0.8%**
6	UTILITY TAX	1,309,701	1,287,900	1,306,200	1,222,700	1,236,200	-	(51,700)	**-4.0%**
7	MISCELLANEOUS REVENUE	842,163	548,600	479,100	596,600	531,200	-	(17,400)	**-3.2%**
8	RENT REVENUE	238,862	223,000	104,500	104,500	104,500	-	(118,500)	**-53.1%**
9	GREEN ENERGY	126,593	128,000	130,000	130,000	130,000	-	2,000	**1.6%**
10	INTEREST EARNINGS	64,340	47,900	205,800	216,300	216,300	-	168,400	**351.6%**
11	TRANSFER FROM RATE STABILIZATION	750,000	-	-	-	-	-	-	**0.0%**
12	**TOTAL REVENUES**	**81,176,596**	**81,226,600**	**83,599,500**	**81,121,200**	**81,874,200**	**-**	**647,600**	**0.8%**
13	**TOTAL BEGINNING BALANCE & REVENUES**	**89,514,062**	**92,730,800**	**101,644,600**	**95,234,700**	**95,987,700**	**-**	**3,256,900**	**3.5%**
14	**EXPENSES:**								
15	POWER SUPPLY	23,610,686	16,557,600	19,489,500	22,807,900	22,807,900	-	6,250,300	**37.7%**
16	SOLAR ENERGY	2,280,044	2,313,900	2,454,200	2,661,300	2,661,300	-	347,400	**15.0%**
17	SOLAR RENEWAL ENERGY CREDITS	344,577	363,400	359,500	371,200	371,200	-	7,800	**2.1%**
18	POWER SUPPLY MANAGEMENT	996,000	996,000	835,000	835,000	835,000	-	(161,000)	**-16.2%**
19	REC'S (Renewable Energy Credits)	586,169	673,400	673,200	578,300	578,300	-	(95,100)	**-14.1%**
20	RGGI	66,080	129,300	41,400	64,000	64,000	-	(65,300)	**-50.5%**
21	PJM CHARGES - ENERGY	2,960,596	12,357,900	6,783,900	6,024,400	6,024,400	-	(6,333,500)	**-51.3%**
22	PJM CHARGES - TRANSMISSION & FEES	5,247,660	7,603,800	6,036,700	6,900,200	6,900,200	-	(703,600)	**-9.3%**
23	CAPACITY CHARGES	10,574,198	10,160,600	10,428,800	10,482,500	10,482,500	-	321,900	**3.2%**
24	**SUB-TOTAL POWER SUPPLY**	**46,666,010**	**51,155,900**	**47,102,200**	**50,724,800**	**50,724,800**	**-**	**(431,100)**	**-0.8%**
25	PLANT OPERATIONS	5,734,855	6,215,700	6,280,700	6,486,700	6,146,500	-	(69,200)	**-1.1%**
26	GENERATIONS FUELS	1,339,688	302,600	1,256,300	1,614,600	817,400	-	514,800	**170.1%**
27	PJM SPOT MARKET ENERGY	(1,002,972)	(804,900)	(1,391,800)	(1,606,000)	(958,100)	-	(153,200)	**19.0%**
28	PJM CREDITS	(617,904)	(360,000)	(584,500)	(535,400)	(535,400)	-	(175,400)	**48.7%**
29	CAPACITY CREDITS	(9,827,426)	(7,355,100)	(7,364,400)	(7,120,100)	(7,120,100)	-	235,000	**-3.2%**
30	**GENERATION SUBTOTAL**	**(4,373,759)**	**(2,001,700)**	**(1,803,700)**	**(1,160,200)**	**(1,649,700)**	**-**	**352,000**	**-17.6%**
31	**POWER SUPPLY & GENERATION SUBTOTAL**	**42,292,251**	**49,154,200**	**45,298,500**	**49,564,600**	**49,075,100**	**-**	**(79,100)**	**-0.2%**
32	**DIRECT EXPENDITURES**								
33	TRANSMISSION/DISTRIBUTION	3,279,685	3,605,700	3,616,800	3,649,800	3,599,600	-	(6,100)	**-0.2%**
34	ELECTRICAL ENGINEERING	1,065,980	1,247,900	1,250,900	1,303,100	1,223,100	-	(24,800)	**-2.0%**
35	ADMINISTRATION	711,397	929,700	933,700	930,800	794,800	-	(134,900)	**-14.5%**
36	METER READING	358,571	378,600	379,600	449,500	391,000	-	12,400	**3.3%**
37	SYSTEMS OPERATIONS	593,428	651,700	662,100	644,700	644,700	-	(7,000)	**-1.1%**
38	**DIRECT EXPENDITURE SUBTOTALS**	**6,009,061**	**6,813,600**	**6,843,100**	**6,977,900**	**6,653,200**	**-**	**(160,400)**	**-2.4%**
39	**OTHER EXPENSES:**								
40	UTILITY TAX	1,309,701	1,287,900	1,306,200	1,222,700	1,236,200	-	(51,700)	**-4.0%**
41	ALLOW FOR UNCOLLECTIBLES	200,000	250,000	250,000	250,000	250,000	-	-	**0.0%**
42	CONTRACTUAL SERVICES - RFP'S	-	-	-	-	100,000	-	100,000	**0.0%**
43	LEGAL EXPENSES	-	-	-	-	25,000		25,000	
44	RETIREES HEALTH CARE	57,700	600,000	600,000	820,300	820,300	-	220,300	**36.7%**
45	OTHER EMPLOYMENT EXPENSES	-	58,900	29,400	49,800	110,700	-	51,800	**87.9%**
46	PENSION UNFUNDED LIABILITY	-	-	-	-	1,000,000	-	1,000,000	**0.0%**
47	OPEB UNFUNDED LIABILITY	-	-	109,300	-	1,000,000	-	1,000,000	**0.0%**
48	GREEN ENERGY PAYMENT TO DEMEC	126,593	128,000	128,000	130,000	130,000	-	2,000	**1.6%**
49	INTERFUND SERVICE FEES	3,640,969	3,564,900	3,625,900	3,640,900	3,625,000	-	60,100	**1.7%**
50	INTEREST ON DEPOSITS	18,283	21,000	21,000	21,000	21,000	-	-	**0.0%**
51	BANK & CREDIT CARD FEES	258,500	275,000	275,000	295,000	295,000	-	20,000	**7.3%**
52	DEBT SERVICE	1,621,463	1,618,000	1,618,000	1,605,500	1,605,500	-	(12,500)	**-0.8%**
53	**OTHER EXPENSES SUBTOTAL**	**7,233,209**	**7,803,700**	**7,962,800**	**8,035,200**	**10,218,700**	**-**	**2,415,000**	**30.9%**
54	**TRANSFER TO:**								
55	IMPROVEMENT & EXTENSION	3,665,375	2,500,000	2,500,000	4,500,000	5,000,000	-	2,500,000	**100.0%**
56	GENERAL FUND	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000	-	-	**0.0%**
57	TRANSFER TO FUTURE CAPACITY RESERVE	-	750,000	2,750,000	-	-	-	(750,000)	**-100.0%**
58	TRANSFER TO DEPRECIATION RESERVE	-	750,000	2,750,000	-	-	-	(750,000)	**-100.0%**
59	TRANSFER INSURANCE RESERVE	10,000	-	-	-	-	-	-	**0.0%**
60	TRANSFER CONTINGENCY RESERVE	13,000	-	-	-	-	-	-	**0.0%**
61	RATE STABILIZATION RESERVE	394,800	1,250,000	3,250,000	6,500,000	5,200,000	-	3,950,000	**316.0%**
62	**TRANSFER TO SUBTOTAL**	**14,083,175**	**15,250,000**	**21,250,000**	**21,000,000**	**20,200,000**	**-**	**4,950,000**	**32.5%**
63	**TOTAL EXPENSES**	**69,617,696**	**79,021,500**	**81,354,400**	**85,577,700**	**86,147,000**	**-**	**7,125,500**	**9.0%**
64	**BUDGET BALANCE - WORKING CAPITAL**	**19,896,366**	**13,709,300**	**20,290,200**	**9,657,000**	**9,840,700**	**-**	**(3,868,600)**	**-28.2%**
65	**TOTAL BUDGET BALANCE & EXPENSES**	**89,514,062**	**92,730,800**	**101,644,600**	**95,234,700**	**95,987,700**	**-**	**3,256,900**	**3.5%**
66	EXCEEDS/(REMAINS)TO MEET REQUIREMENT	10,402,366	4,116,700	10,415,000	69,200	164,100	-		

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
67	**RESERVE BALANCES**								
68	CONTINGENCY RESERVE	849,980	848,300	863,500	877,300	877,300	-	29,000	$750K
69	INSURANCE RESERVE	763,515	762,000	775,800	788,200	788,200	-	26,200	$750K
70	RATE STABILIZATION RESERVE	7,269,177	8,511,900	10,635,500	16,005,700	16,005,700	-	7,493,800	10% - 20%

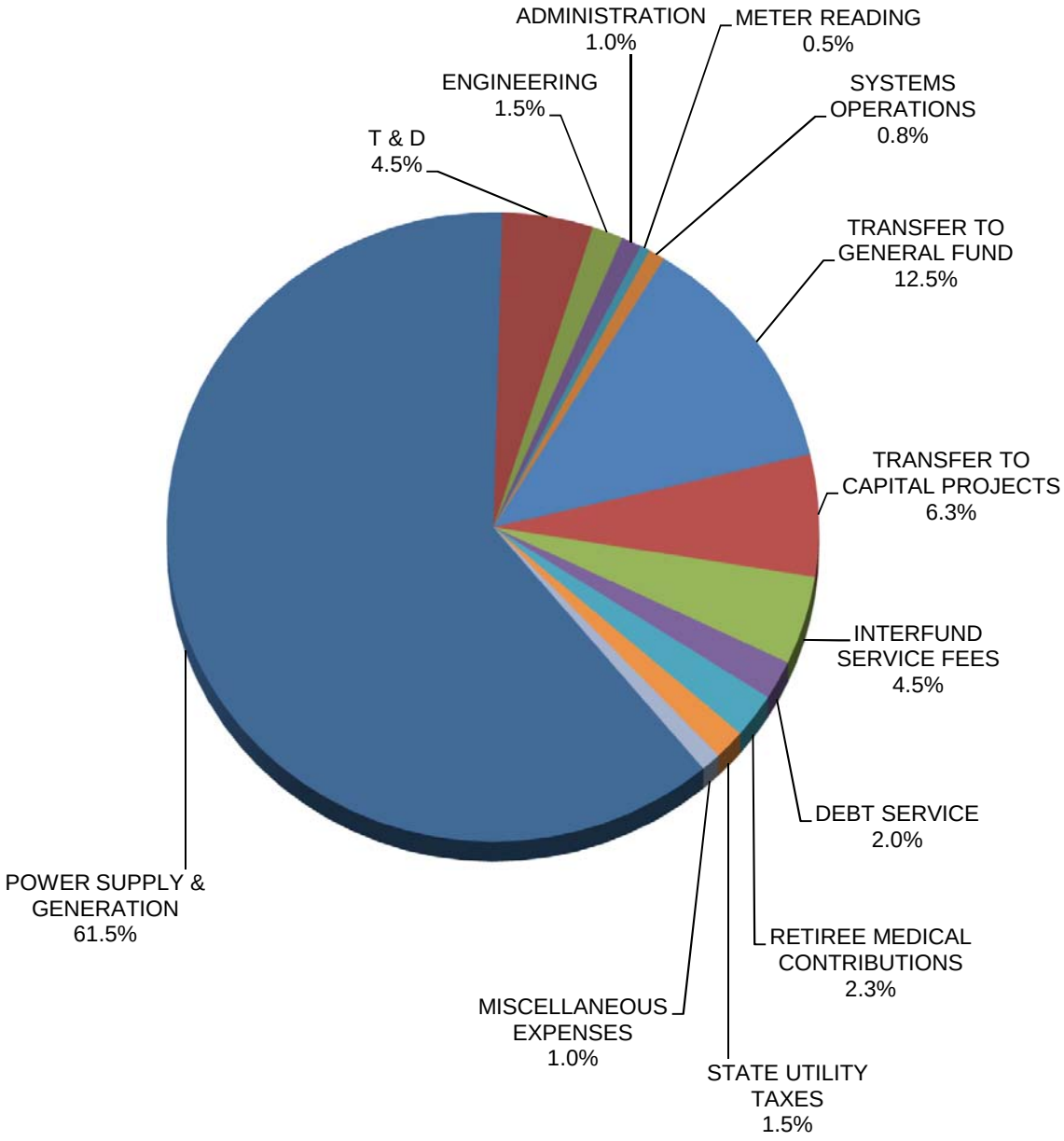
Electric Fund
Fiscal Year 2017/2018

Revenue



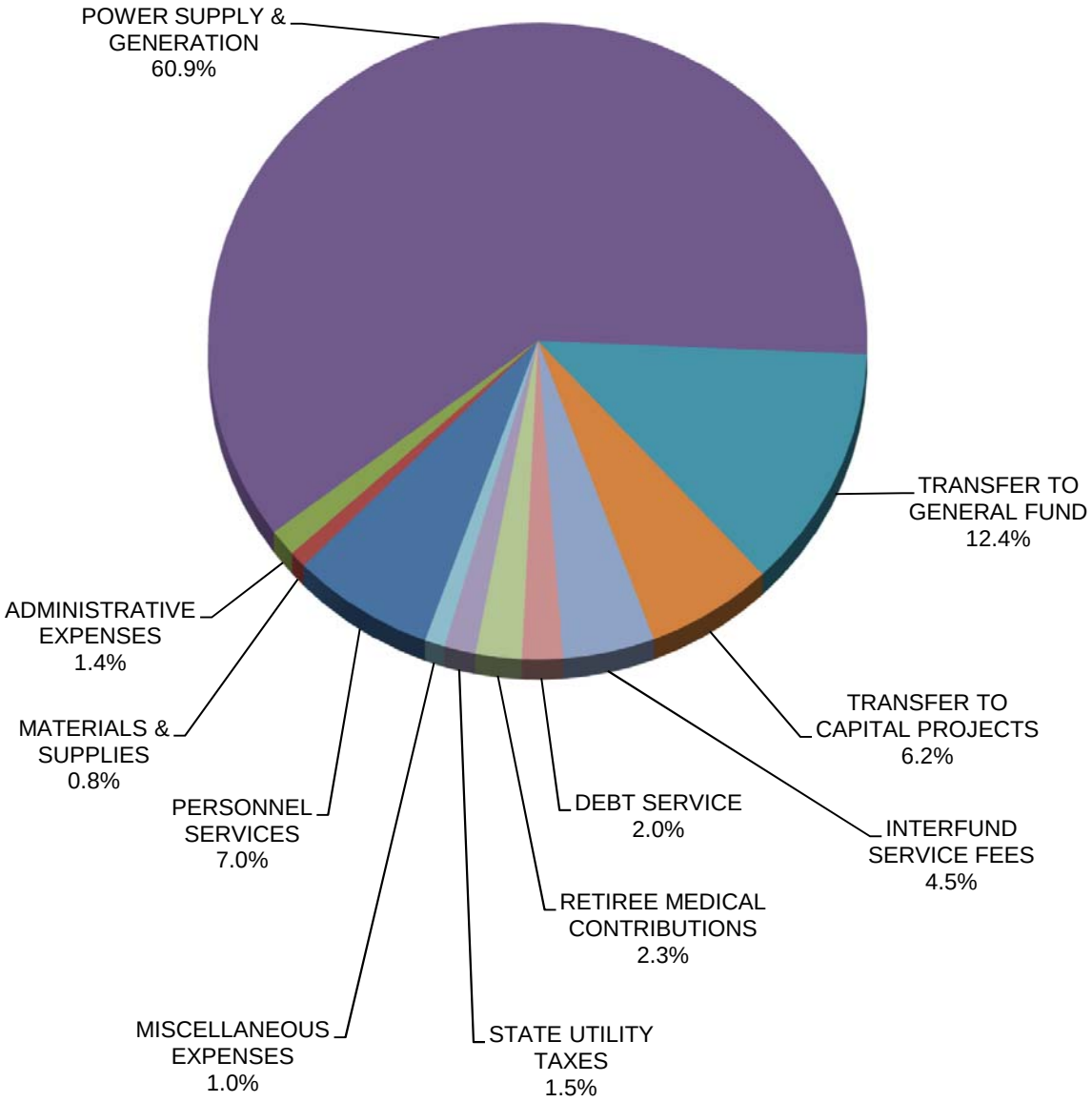
Electric Fund
Fiscal Year 2017/2018

Expense by Function



Electric Fund
Fiscal Year 2017/2018

Expense by Category



ELECTRIC IMPROVEMENT & EXTENSION FUND SUMMARY

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
1	**BEGINNING BALANCE**	**7,095,270**	**5,540,500**	**9,314,400**	**6,600,300**	**6,600,300**	**-**	**1,059,800**	**19.1%**
2	**REVENUES**								
3	TRANSFER FROM ELECTRIC	3,665,375	2,500,000	2,500,000	4,500,000	5,000,000	-	2,500,000	**100.0%**
4	TRANSFER FROM WATER/WASTEWATER	-	231,200	231,200	263,000	-	-	(231,200)	**-100.0%**
5	TRANSFER FROM GENERAL FUND	-	-	-	322,300	-	-	-	**0.0%**
6	BOND ISSUE PROCEEDS	1,942,628	-	-	-	-	-	-	**0.0%**
7	GENERAL SERVICE BILLING	327,453	900,000	900,000	900,000	370,000	-	(530,000)	**-58.9%**
8	DEVELOPMENT GRANTS	-	5,000	5,000	-	-	-	(5,000)	**-100.0%**
9	INCOME FROM SALE OF ASSETS	6,200	-	28,000	-	-	-	-	**0.0%**
10	INTEREST EARNINGS	92,608	40,000	105,300	109,800	109,800	-	69,800	**174.5%**
11	**TOTAL REVENUES**	**6,034,264**	**3,676,200**	**3,769,500**	**6,095,100**	**5,479,800**	**-**	**1,803,600**	**49.1%**
12	**TOTALS**	**13,129,534**	**9,216,700**	**13,083,900**	**12,695,400**	**12,080,100**	**-**	**2,863,400**	**31.1%**
13	**EXPENSES**								
14	ELECTRIC ADMINISTRATION	-	-	23,000	1,183,700	8,500	-	8,500	**0.0%**
15	ELECTRIC GENERATION	964,880	1,842,800	2,389,100	2,990,000	2,328,000	-	485,200	**26.3%**
16	TRANSMISSION AND DISTRIBUTION	1,109,450	1,975,000	2,175,000	2,428,000	1,725,500	-	(249,500)	**-12.6%**
17	ELECTRICAL ENGINEERING	1,740,853	910,700	1,731,700	3,680,700	1,315,000	-	404,300	**44.4%**
18	METER READING	-	41,800	64,800	-	-	-	(41,800)	**-100.0%**
19	ERP SYSTEM	-	1,000,000	100,000	1,360,000	1,500,000	-	500,000	**50.0%**
20	**TOTAL EXPENSES**	**3,815,183**	**5,770,300**	**6,483,600**	**11,642,400**	**6,877,000**	**-**	**1,106,700**	**19.2%**
21	**BUDGET BALANCE**	**9,314,351**	**3,446,400**	**6,600,300**	**1,053,000**	**5,203,100**	**-**	**1,756,700**	**51.0%**
22	**TOTAL BUDGET BALANCE & EXPENSES**	**13,129,534**	**9,216,700**	**13,083,900**	**12,695,400**	**12,080,100**	**-**	**2,863,400**	**31.1%**

		2015/16 ACTUAL	2016/17 ORIGINAL APPROVED	2016/17 PROJECTED	2017/18 REQUESTED	2017/18 RECOMMENDED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	POLICY
23	**RESERVE BALANCES**								
24	DEPRECIATION RESERVE	10,130,667	10,910,200	13,042,800	13,251,500	13,251,500	-	2,341,300	Min $10M
25	FUTURE CAPACITY RESERVE	10,283,292	10,961,700	13,197,700	13,408,900	13,408,900	-	2,447,200	Min $10M

Charter Art. IV, Section 44, & Financial Policies

Sec. 44. - Annual budget.

On or before the second Monday of May of each year, the city manager shall prepare and submit to the council, a budget, presenting a financial plan for conducting the affairs of the city for the ensuing fiscal year. The total of proposed expenditures shall not exceed the total of anticipated income.

The budget shall include the following information:

1. A detailed statement showing the expenses of conducting each department and office of the city for the current year and last preceding fiscal year.

2. A detailed estimate of the expenses of conducting each department and office of the city for the ensuing fiscal year with reasons for the increases and decreases recommended.

3. The amount of the debt of the city together with a schedule of maturities of bond issues.

4. A statement showing the amount required for interest on the city debt and for paying off any bonds maturing during the year and the amount required for the sinking fund.

5. An itemized statement of all anticipated income of the city with a comparative statement of the amounts received by the city from each of the same or similar sources for the last preceding and current fiscal years.

6. An estimate of the amount of money to be received from taxes.

7. Such other information as the city manager may think desirable or as may be required by the council.

The council shall on or before the second Monday in the month of June in each year adopt a budget for the succeeding fiscal year. The council shall, so far as possible, adhere to the budget so adopted in the making of appropriations.

(Amd. of 7-12-2005 (S.B. 126))

CITY OF DOVER
FINANCIAL POLICIES

Amended October 12, 2015

CITY OF DOVER, DELAWARE
FINANCIAL POLICIES

The purpose of these policies is to present a standardized set of principles that the City follows in managing its financial and budgetary affairs. These are general statements of policies, which represent long-standing principles, traditions, and practices that will be used to guide the City in maintaining financial stability. It will be the responsibility of the Finance Department to ensure the financial objectives of these policies are maintained.

Revenue Policy

1. The City will strive to maintain a broad and diversified revenue base that will equitably distribute the burden of supporting City services and will protect the City from short-term fluctuations in any one revenue source.

2. The City will actively support economic and industrial development recruitment and retention efforts to provide for a solid revenue base.

3. The City will maintain timely collection systems and implement necessary enforcement strategies to collect revenues from available sources.

4. The City will establish user fees and charges for services, when feasible, at levels related to the cost of providing the services. The City will review the fees and charges every three to five years to determine modifications needed to keep pace with the cost of providing the services. Property Tax Rates are set annually

5. The City will establish, when feasible, self-supporting enterprise funds and intergovernmental service funds in which a relationship between revenues and expenditures clearly exists.

6. The City will project current revenues on a conservative basis so the actual revenues will consistently meet or exceed budgeted revenues. Revenues greater or less than the original budget will flow through to the audited Ending Budget Balance.

7. The City will maintain a budgetary control system and will prepare reports, which compare actual revenues to budgeted amounts.

8. The City will limit the designation of General Fund revenues for specified purposes to maximize flexibility in budgeting and revenue utilization.

9. The City will review annually and revise, where necessary, its cost allocation formulas, i.e. internal service departments.

10. Upon satisfying all rate covenants the City will provide operating transfers to the General Fund. From the Water/Wastewater Utility no greater than $1,000,000 and from the Electric Utility no greater than $10,000,000.

Expenditure Policy

1. Basic and essential services provided by the City will receive first priority for funding, i.e. Public Safety & Health, Utilities, Streets, & Sanitation.

2. A report of the expenses of the Public Safety categories that have been identified will be presented to City Council two (2) times; once upon delivery of the proposed budget in May and the other upon the adoption of the budget in July. The report will map the revenues that have been identified to support the expenses, how much of a gap there is, and what the trend is for closing the gap over a 20 year period. The revenues will be the direct revenues of those programs and the Property Tax Revenue, excluding BID taxes.

3. The City will adopt a balanced budget, by fund, for all funds maintained by the City, in which total anticipated revenues must equal or exceed the budgeted expenditures for each fund. The Beginning Budget Balance will not be considered a revenue source.

4. The City will maintain a budgetary control system to ensure adherence to the original adopted budget and will prepare reports, which compare actual expenditures to budgeted amounts. Expenditures greater or less than the original adopted budget will flow through the audited Ending Budget Balance.

5. The City will restrict the use of appropriations as follows:
   - Funds appropriated for personnel expenses shall be restricted to use as personnel expenses; Any personnel savings at the end of each fiscal year will be re-appropriated in the next fiscal year to be transferred to the City's unfunded retirement liabilities;
   - Funds appropriated as capital expenses shall be restricted to use as capital expenses;
   - Funds appropriated as operating expenses shall be restricted to use as operating expenses;
   - All requests for additional personnel shall be accompanied with a five-year estimate on the costs of such position(s), including salaries and other employment costs (OEC's);

6. The City will refrain from budgeting revenues derived from infrequent and unanticipated transactions for ongoing expenses. These revenues will be set aside for asset replacement or as otherwise directed by Council.

7. The City will provide access to medical, dental, vision, life, AD & D, and short-term disability insurance for its employees. The cost for these benefits will be a shared responsibility between the City and its employees as outlined in the City Personnel Handbook or collective bargaining agreements

8. The City will provide access to medical and dental insurance for its retirees and their families. The cost for these benefits will be a shared responsibility between the City and its retirees as outlined in the City Personnel Handbook or collective bargaining agreements.

9. The City will provide access to appropriate retirement plans for its employees. The City will make contributions for eligible employees at the actuarial determined percentage defined for each of the respective retirement plans.

10. The City will establish an Other Post-Employment Benefit Fund (OPEB). The City will make contributions for eligible employees and retirees at the actuarial determined rates or percentages to fund future retiree medical benefits.

Debt Policy

1. The City will maintain a debt management policy and full disclosure on financial reports.

2. The City will maintain communications with bond rating agencies and continue to strive for improvements in the City's bond rating.

3. The City will adhere to its debt covenants.

4. The City will review its debt capacity every three (3) years.

5. The City will pay for all capital projects and capital improvements on a pay-as-you-go basis using current revenues if possible. If a project or improvement cannot be financed with current revenues, long-term debt or use of reserves will be recommended.

6. The City will refrain from issuing long-term debt for a period in excess of the expected useful life of the capital project.

7. The City will use special assessment revenue or other self-supporting bonds instead of general obligation bonds, when practical.

8. The City will seek refinancing of outstanding debt if it is determined that the City will benefit by reduced interest expense over the remaining life of the bonds.

Budget Balance/Reserve Policy – General Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 12% of the current year operating revenues for the General Fund, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the taxpayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $700,000. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses,

storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the General Fund budget and contingency balances shall not exceed 17% (~ 2 months) of Budgeted Operating Revenues.

5. The City will create a Capital Asset Replacement account for Governmental Fund asset procurements. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. (Annual Depreciation is approximately $2.5 million per year) The City will appropriate excess (amounts greater than budgeted) revenues to fund this account, or if the balance is less than the $500,000 minimum, $200,000 per annum until such time the minimum balance is replenished.

6. The City will create a General Capital Project Fund to account for all General Government asset procurements and projects. The City will provide operating fund transfers and/or debt proceeds for each fiscal year's Capital Investment Plan. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis.

Budget Balance/Reserve Policy – Water/Wastewater Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 8% and no greater than 17% (two months) of the current year operating revenues for each of the Water & Wastewater Utility Funds, excluding the carry forward balance. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one (1) year, but in any case, no longer than three (3) years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $250,000 for each the Water & Wastewater Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations. Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the combined Water & Wastewater Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.

5. The City will maintain a Capital Asset Replacement account to cover replacement or procurement of assets of the utility. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of $500,000 for each utility for Capital Asset Replacements. The City will

appropriate excess revenues to fund this account, or if the balance is less than the minimum $100,000 per annum for each utility until such time the minimum balance is achieved.

6. The City established by ordinance on December 17, 1996 the Wastewater Impact Fee Reserve to provide for future expansion of the City's wastewater system due to increased demand. The ordinance further provides for debt service payments attributed to wastewater expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of 20% of wastewater revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Wastewater Fund over the succeeding seven years of any project completion.

7. The City established by ordinance on February 1, 2008 the Water Impact Fee Reserve to provide for future expansion of the City's water system due to increased demand. The ordinance further provides for debt service payments attributed to water system expansion projects to be funded by the current year's collection of Impact Fees and the remainder to be deposited into the reserve account. The City shall maintain a minimum of $1.5 million of water revenues in the Impact Fee Reserve account. Amounts used to finance projects shall be replenished by the operating revenues of the Water Fund over the succeeding seven (7) years of any project completion.

8. The Water & Wastewater Improvement & Extension Fund budget balance shall be no less than $200,000 of the current fiscal year's appropriation for water and wastewater projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than $250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.

Budget Balance/Reserve Policy – Electric Revenue Fund

1. The City will strive to maintain a minimum Budget Balance, of at least 12% (45 days) of the current year operating revenues for the Electric Revenue Fund, excluding the carry forward balance and power cost adjustments. The purpose of the budget balance is to meet temporary fluctuations in cash flows and to provide a cushion for loss of revenues until operating changes can be implemented. If the final Budget Balance exceeds the amount as approved in the budget ordinance, such funds shall be used to provide for unfunded retirement liabilities or as otherwise designated by City Council. The City may use monies in the Budget Balance only in times of fiscal and economic hardship.

2. Once achieved, at no time should the City's budget balances fall below their specified percentages. If a shortfall occurs in the budget balance and immediately restoring the balances to the specified percentage would cause an extreme burden on the ratepayers, the budget balance may, with the City Council's approval, be restored to the specified percentage within one year, but in any case, no longer than three years.

3. The City will maintain a minimum reserve, in a contingency account, of at least $750,000 for the Electric Revenue Fund. The City may only use monies in the contingency accounts to cover emergencies of a non-recurring nature that are over and above the normal course of operations.

Examples are uninsured losses, storms or hurricane damages. The Contingency Reserve will not be used to balance the operating budget.

4. The total of the combined Electric Revenue Fund budget and contingency balances shall not exceed 25% (3 months) of Budgeted Operating Revenues.

5. The City has established by bond covenant an account to cover insurance deductibles on the electric transmission and distribution system or the generating plants. The City shall maintain a minimum balance of $750,000 to cover various deductibles.

6. Recognizing price fluctuations in the wholesale power markets the City has established a rate stabilization reserve. The purpose of using such a reserve is to level off the fluctuations in the wholesale power supply market and in turn provide stable rates to our customers. In those instances where the actual cost of power supply and generation are less/more than the budgeted cost of power supply and generation, the City will transfer the difference to/from the Rate Stabilization Reserve. The balance shall be maintained at a minimum of 10% not to exceed 20% of the purchase power cost in any given year. If the reserve balance exceeds the 20% maximum, a credit will be applied to the power cost adjustment.

7. The Electric Improvement & Extension Fund budget balance shall be no less than $200,000 of the current fiscal year's appropriation for electric system projects to allow for project variances and change orders; a 10% contingency shall be included in project budgets greater than $250,000 if the Department Head determines it to be appropriate. All vehicle and equipment purchases under $25,000 will be budgeted on a pay as you go basis. The City Manager shall make the necessary budget amendments in accordance with the City of Dover Purchasing & Budget Amendment Policies.

8. The City has established an account to provide for capital financing of Future Capacity or system expansion. The City shall maintain a balance equivalent to the value of 10% growth in capacity at any given time, or no less than $10,000,000. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven years of any project completion.

9. The City has established an account to provide for replacement or procurement of utility system assets, otherwise known as Depreciation Reserve. Optimally, the amount set aside for future asset replacements should equal the annual depreciation of the current assets. The City will maintain a minimum balance of $10,000,000. The primary purpose of this account is to provide partial or all financing of major capital projects and minimize debt service payments. The account is also intended to cover unforeseen capital replacements due to equipment breakdowns, storms or hurricane damages. Amounts used to finance projects shall be replenished by the operating revenues of the Electric Revenue Fund over the succeeding seven (7) years of any project completion

10. The total of the combined Electric Revenue and Electric Improvement & Extension Fund budget and reserve balances shall be benchmarked at 50% Budgeted Operating Revenues. Operating Fund Budget Balance and Reserves shall be adjusted to appropriate levels through adjustments in the operating budget. Improvement & Extension Fund Budget Balance and Reserves shall be adjusted in accordance with the Capital Improvement Plan.

Investment and Cash Management Policy

1. The City will deposit all receipts on a timely basis in interest bearing accounts.

2. The City will strive to maximize the return on its investment portfolio without jeopardizing principal amounts.

3. The City will limit its investments to the types of securities provided for by Delaware statutes.

4. The City will diversify its investments by maturity date to protect against market fluctuations.

5. The City will purchase securities from qualified institutions based on competitive bids in an effort to obtain the highest available rates.

6. The City will maintain an Investment Policy based on prudent investment practices and will monitor all investment managers' compliance with policy objectives.

Capital Improvement Policy

1. The City will prepare and update, as needed a five-year Capital Improvements Program (CIP) which will provide for the orderly maintenance, replacement, and expansion of capital assets.

2. The CIP will identify long-range capital projects and capital improvements of all types, which will be coordinated with the annual operating budget to maintain full utilization of available revenue sources.

3. When preparing the CIP, the City will seek to identify all viable capital projects and capital improvements required during the subsequent five-year period. These projects and improvements will be prioritized by year and by funding source.

4. Every attempt will be made to match projects and improvements with available funding sources. Future operating costs and savings associated with a project or an improvement will also be given consideration in the establishment of priorities.

5. When appropriate, the City will seek Federal, State, and other funding to assist in financing capital projects and capital improvements.

6. The City will incorporate the reasonable findings and recommendations of other cities' Boards, Commissions, Committees, and Citizen Task Forces, as they relate to capital projects and improvements.

7. The City will seek input from the public by holding public hearings in relation to the establishment of projects and project priorities.

Financial Reporting Policy

1. The City's accounting system will maintain records in accordance with accounting standards and principles outlined by the Governmental Accounting Standards Board (GASB), Financial Accounting Standards Board (FASB), and the State of Delaware.

2. The City will employ an independent accounting firm to perform an annual audit of the City's finances and make the annual audit available to all required and interested parties.

3. The City will produce monthly and quarterly financial statements reporting the current periods' activity for all funds maintained by the City.

4. The City will prepare an annual budget document that provides a basic understanding of the City's planned financial operations for the coming fiscal year. Copies of the proposed and final budget will be made available to all interested parties and opportunities will be provided for citizen input prior to final decisions on the budget.

5. The City will place continued emphasis on review and maintenance of an accounting system which provides strong internal budgetary and accounting controls designed to provide reasonable assurance, but not absolute, assurance regarding:

    (a) the safeguarding of assets against loss from unauthorized use or disposition and,
    (b) the reliability of financial records for preparing financial statements and reports, and the maintaining accountability for assets.

6. The City will seek annual renewal of the Government Finance Officers Association's (GFOA) Certificate of Achievement for Excellence in Financial Reporting.
7.

Adoption:
Approval by City Council: January 28, 2002

Most recent amendments:
1. Amended by City Council on June 11, 2014
2. Amended by City Council on September 8, 2014
3. Amended by City Council on October 12, 2015

CITY OF DOVER
DEPARTMENT OF FINANCE
POLICY MANUAL

TITLE: Budget Administration – Policy for Operating Departments DATE: September 8, 2014

Each Department Head is responsible for managing their overall budgets for account variances created by routine operating expenses. This policy is intended to permit the redistribution of funds in departmental budgets when unexpected events or transactions occur. It establishes the procedure to be followed when the approval of a supplemental appropriation is requested. It restricts the redistribution of personnel and capital outlay accounts. All redistributions are to be rounded to the nearest hundred dollars (no cents).

1. Definitions, as used in this policy:

   "Fund": In governmental accounting, a fund is a fiscal and accounting entity with a self-balancing set of accounts, created and maintained for a particular purpose and having transactions subject to legal or administrative restrictions. A separate budget is provided for each fund.

   "Department": Departments are the major organizational sub-divisions. They have a broad overall purpose. The City of Dover is organized into twelve (12) departments: City Clerk, City Manager, Customer Services, Electric, Information Services, Finance and Procurement & Inventory, Human Resources, Planning & Inspections and Parks & Recreation & Library, Police**,** Public Works, and Tax Assessor.

   "Division": Is the major operational areas of the City. Each Division has been assigned to one of the Departments listed above according to the type of activity it performs. For example, the Electric Engineering Division is part of the Electric Department.

   "Category": Within each division, each expenditure line item is grouped into a category of related expenditures. The budget for each line item is listed by categorical total. Examples of a category include personnel services, materials & supplies, administrative expenditures, capital outlay, project accounts, and depreciation.

2. Department Managers may redistribute monies "within" a group of accounts in a particular category, except salary/benefits, and capital outlay accounts to address unexpected events or transactions. Form COD #98 shall be used to request the transfer of funds. The monies shall not be encumbered until the Controller/Treasurer has returned a copy of Form COD #98 advising the manager that the redistribution has been entered into the budget software.

3. Transfers between categories material/supplies and administrative are permitted.

4. Transfers from salary and benefit accounts are permitted upon the approval of the City Council to cover unanticipated expenses created by vacancies. Budget savings from these line items will transferred to the pension and OPEB funds towards the City's unfunded liability.

5. The redistribution request must be submitted to the Finance Department for verification and confirmation, and then Finance will forward to the City Manager. Confirmation of the change will be made to the originating department by the Finance Department once the change has been approved.

6. No funds authorized in capital outlay may be encumbered unless said purchase was detailed in the "approved" budget.

   Any Capital Improvement Project (CIP) deferrals due to cost over-runs in other CIP items shall be communicated to the Council and the Controller/Treasurer.

   The City Manager may approve transfers of savings from completed CIP items to non-completed CIP items. Any transfers that cause the particular item or project to exceed its original budget 10% or greater will be communicated to Council and the Controller/Treasurer.

   To request an exception in capital outlay or project categories, submit a written memorandum explaining the request and attach a copy of the original budget submission. The memorandum must explain the reason for not purchasing the authorized items. A copy noting the action taken on the request by the City Manager will be returned to the respective department. Council and the Controller/Treasurer will be copied on all exception request approvals.

   All capital outlay change requests must be accompanied by a Capital Improvement Project worksheet in the following instances:
   - Scrap a CIP and create a new CIP
   - Reduce approved CIP and create a new CIP
   - New funded CIP (grant)

   The Controller/Treasurer will adjust project budgets each year to include prior year project balances before finalizing the Carry Forward Budget Balances for multi-year projects or projects not completed due to unforeseen circumstances. This process will be followed only on projects that were approved by City Council in a prior year CIP.

7. The City Manager may approve intra-fund transfers (i.e., within the General Fund) of up to five percent per annum, Form COD #98, with the exception of line items associated with salary and benefits.

8. All personnel positions will receive and be adhered to, the documented increases as approved through the budget process. Any exceptions require Council approval.

9. Budget amendments exceeding that authorized above or that affect budget balances shall be referred to the City Council.

CITY OF DOVER

COST CENTER REQUEST FOR BUDGET AMENDMENT

Department: _____ Fiscal Year: _____

From Account #: _____ Date of Request: _____

To Account #: _____ (Check Only One)

☐ Change Within Budget

☐ Supplemental Appropriation

☐ Departmental Transfers

By: _____

(Signature)

	Element Object	Account Name	Original Budget	Net Previous Changes	Current Revised Budget		Requested Change or Supplement	Adjusted Budget	YTD Expense
FROM									
TO									
	1	2	3	4	5		6	7	8

Request Justification: _____

_____

_____

_____

Instructions: Complete all appropriate items. Figures in columns four and seven must be preceded by a "plus" or a "minus" sign. Round all figures to nearest one hundred dollar. Use the reverse side of this form if additional space is needed to justify request. Form must bear the live signature(s) of cost center manager(s). Before submitting request to Finance Department for consideration, obtain verification from the accounting department that all figures are correct. Submit copy of request to the City Manager. A copy will be returned noting the action taken.

Approval: _____ _____

City Manager Controller/Treasurer

Date of Action: _____

Approved as: Requested ☐ Approved as Modified ☐ Denied ☐

Deferred Until: _____

For Finance Department Use Only **Processed:** _____ **By:** _____

COD FINANCE FORM 98

Personnel Information



Personnel Table

FY 16 Through FY 18 Comparison

Personnel Cost Summary

Overtime Trends

FY 15 Through FY 18 Comparison

City of Dover
Fiscal Year 2018 Budget
Personnel Table

DEPT/DIVISION	2015-2016 BUDGET	2016-2017 BUDGET	2017-2018 BUDGET	CHANGE
CITY CLERK	4.0	4.0	4.0	0.0
CITY MANAGER	4.0	4.0	5.0	1.0
CODE ENFORCEMENT	5.0	5.0	5.0	0.0
CUSTOMER SERVICES	14.0	13.0	16.0	3.0
ECONOMIC DEVELOPMENT	3.0	0.0	0.0	0.0
FACILITIES MANAGEMENT	7.0	5.0	5.0	0.0
FINANCE	8.0	8.0	8.0	0.0
FIRE DEPARTMENT	5.0	5.0	5.0	0.0
FLEET MAINTENANCE	6.0	6.0	6.0	0.0
GROUNDS	13.0	13.0	13.0	0.0
HUMAN RESOURCES	3.0	3.0	3.0	0.0
INFORMATION TECHNOLOGY	4.0	4.0	4.0	0.0
INSPECTIONS	6.0	6.0	6.0	0.0
LIBRARY	13.0	13.0	13.0	0.0
LIFE SAFETY	3.0	3.0	3.0	0.0
MAYOR	1.0	1.0	1.0	0.0
PARKS AND RECREATION	5.0	5.0	5.0	0.0
PLANNING	6.0	6.0	6.0	0.0
POLICE - TOTAL*	134.0	134.0	134.0	0.0
PROCUREMENT AND INVENTORY	3.0	3.0	3.0	0.0
PUBLIC WORKS - ADMINISTRATION	6.0	6.0	6.0	0.0
PUBLIC WORKS - ENGINEERING	3.0	3.0	3.0	0.0
SANITATION	10.0	10.0	10.0	0.0
STREETS	8.0	8.0	8.0	0.0
TAX ASSESSOR	3.0	3.0	3.0	0.0
GENERAL FUND AND CDBG TOTAL	**277.0**	**271.0**	**275.0**	4.0
ELECTRIC ADMINISTRATION	4.0	5.0	5.0	0.0
ELECTRIC SYSTEM OPERATIONS	5.0	5.0	5.0	0.0
ELECTRIC ENGINEERING	10.0	10.0	10.0	0.0
ELECTRIC T & D	24.0	24.0	24.0	0.0
METER READING - CUSTOMER SERVICE	4.0	4.0	4.0	0.0
ELECTRIC FUND TOTAL	**47.0**	**48.0**	**48.0**	0.0
WATER/WASTEWATER ENGINEERING	5.0	5.0	5.0	0.0
WATER MANAGEMENT	6.0	6.0	6.0	0.0
WASTEWATER MANAGEMENT	11.0	11.0	11.0	0.0
WATER TREATMENT PLANT	13.0	13.0	13.0	0.0
WATER/WASTEWATER FUND TOTAL	**35.0**	**35.0**	**35.0**	0.0
TOTAL FULL-TIME PERSONNEL	**359.0**	**354.0**	**358.0**	4.0

*101 Officers; 33 Civilians - 134 Total Employees

DEPT/DIVISION	2015-2016 BUDGET	2016-2017 BUDGET	2017-2018 BUDGET	CHANGE
PART-TIME PERSONNEL				
CITY COUNCIL COMMITTEES	17.0	17.0	17.0	0.0
CITY MANAGER	4.0	4.0	0.0	(4.0)
PLANNING COMMISSION	14.0	14.0	14.0	0.0
FIRE (5 On Call Dispatchers)	3.0	5.0	5.0	0.0
PARKS AND RECREATION	14.0	14.0	14.0	0.0
LIBRARY	19.0	19.0	21.0	2.0
PROCUREMENT AND INVENTORY	1.0	1.0	1.0	0.0
CUSTOMER SERVICES	4.0	4.0	2.0	(2.0)
METER READING - CUSTOMER SERVICE	0.0	0.0	1.0	1.0
FINANCE	1.0	0.0	0.0	0.0
INFORMATION TECHNOLOGY	1.0	1.0	0.0	(1.0)
ELECTRIC ENGINEERING	0.0	1.0	1.0	0.0
SUBSTANCE ABUSE GRANT	10.0	10.0	10.0	0.0
POLICE CADET - GRANT	6.0	6.0	1.0	(5.0)
TOTAL PART-TIME PERSONNEL	**94.0**	**96.0**	**87.0**	(9.0)
TOTAL PERSONNEL	**453.0**	**450.0**	**445.0**	**(5.0)**

City of Dover
Fiscal Year 2018 Budget
Fiscal Year 2018
Total City by Fund

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
1100-511	City Clerk	$ 228,300	$ -	$ -	$ -	$ 228,300	$ 154,100	$ 382,400
1200-512	City Council	-	-	-	84,300	84,300	6,700	91,000
1300-513	Assessor	130,500	-	-	-	130,500	78,500	209,000
1400-514	Fire	214,500	600	35,000	25,000	275,100	167,300	442,400
1500-522	Grounds	484,800	2,200	10,000	-	497,000	408,400	905,400
1500-523	Library	614,400	-	3,700	305,000	923,100	495,700	1,418,800
1500-525	Recreation	235,600	-	1,600	122,800	360,000	152,700	512,700
1600-531	Life Safety	138,900	9,700	8,000	-	156,600	76,200	232,800
1600-532	Code Enforcement	228,400	700	2,500	-	231,600	188,700	420,300
1600-533	Planning	380,700	(36,000)	1,000	15,000	360,700	171,600	532,300
1600-534	Building Inspections	282,600	-	2,000	-	284,600	242,100	526,700
1700-542	Civilian Police	1,478,200	26,100	69,200	-	1,573,500	1,178,200	2,751,700
1700-543	Law Enforcement	7,398,800	209,100	460,000	-	8,067,900	4,427,300	12,495,200
1700-544	Police Extra Duty	492,000	-	-	-	492,000	68,000	560,000
1800-554	Streets	323,500	1,700	7,900	-	333,100	323,400	656,500
1800-555	Sanitation	393,500	1,300	17,500	-	412,300	359,000	771,300
2100-515	City Manager	386,000	-	1,500	-	387,500	170,700	558,200
2200-516	Information Technology	247,300	-	-	-	247,300	189,400	436,700
2300-517	Finance	517,200	-	-	-	517,200	316,000	833,200
2400-551	Public Works Admin	373,500	500	-	-	374,000	308,900	682,900
2500-552	Facilities	241,300	700	6,400	-	248,400	235,300	483,700
2600-553	Public Works Engineering	151,900	400	500	-	152,800	102,700	255,500
2700-571	Procurement & Inventory	168,700	-	1,000	22,500	192,200	137,800	330,000
2800-572	Fleet Maintenance	288,000	3,300	6,700	-	298,000	196,600	494,600
2900-529	Customer Service	638,100	-	-	39,100	677,200	434,200	1,111,400
3100-518	Human Resources	187,100	-	-	-	187,100	175,600	362,700
3200-519	Mayor	45,000	-	-	-	45,000	12,300	57,300
	Total General Fund	**$ 16,268,800**	**$ 220,300**	**$ 634,500**	**$ 613,700**	**$ 17,737,300**	**$ 10,777,400**	**$ 28,514,700**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
2600-553	Engineering	$ 316,300	$ 900	$ 500	$ -	$ 317,700	$ 132,400	$ 450,100
6800-568	Water	287,600	8,200	12,000	-	307,800	220,300	528,100
6900-569	Wastewater	393,500	13,200	25,000	-	431,700	236,700	668,400
7600-576	Water Treatment	602,700	6,000	30,000	-	638,700	445,200	1,083,900
	Total Water/Wastewater Fund	**$ 1,600,100**	**$ 28,300**	**$ 67,500**	**$ -**	**$ 1,695,900**	**$ 1,034,600**	**$ 2,730,500**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
8200-562	T & D	$ 1,593,800	$ 49,200	$ 106,800	$ -	$ 1,749,800	$ 939,300	$ 2,689,100
8300-563	Engineering	616,200	10,800	10,000	10,600	647,600	276,000	923,600
8400-564	Administration	337,500	-	-	-	337,500	135,700	473,200
8500-565	Meter Reading	184,100	8,100	19,100	12,500	223,800	139,200	363,000
8600-526	System Operators	352,000	5,200	72,900	-	430,100	214,600	644,700
	Total Electric Fund	**$ 3,083,600**	**$ 73,300**	**$ 208,800**	**$ 23,100**	**$ 3,388,800**	**$ 1,704,800**	**$ 5,093,600**

Dept/Div Number	Division Title	Base Pay 10-11	Bonus/Allow./SD On Call 10-11	Overtime 10-12	Part Time/Temp 10-13	Total Wages	Total Benefits	Total Personnel
9900-596	CDBG	$ -	$ 36,000	$ -	$ -	$ 36,000	$ -	$ 36,000
9900-542	Police Cadet Program	-	-	-	11,900	11,900	1,600	13,500
1500-581	Substance Abuse Grant	-	-	-	62,700	62,700	5,000	67,700
	Total Grant Funds	**$ -**	**$ 36,000**	**$ -**	**$ 74,600**	**$ 110,600**	**$ 6,600**	**$ 117,200**

	GRAND TOTAL	**$ 20,952,500**	**$ 357,900**	**$ 910,800**	**$ 711,400**	**$ 22,932,600**	**$ 13,523,400**	**$ 36,456,000**

CITY OF DOVER
OVERTIME COMPARISON
FISCAL YEAR 2015 THROUGH 2018

	2015				2016				2017 THROUGH APRIL				2018
DEPARTMENT	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Orig. Budget**	**Actual**	**Variance**	**% To Date**	**Proposed**
TAX ASSESSOR	-	-	-	---	-	-	-	---	-	42	(42)	---	-
FIRE	32,000	43,706	(11,706)	136.6%	43,000	32,036	10,964	74.5%	43,000	28,040	14,960	65.2%	35,000
GROUNDS	11,100	12,002	(902)	108.1%	8,300	12,687	(4,387)	152.9%	12,200	5,566	6,634	45.6%	10,000
PARKS & RECREATION	-	398	(398)	---	1,500	1,710	(210)	114.0%	1,600	1,370	230	85.6%	1,600
LIBRARY	3,900	3,714	186	95.2%	5,600	2,892	2,708	51.6%	3,700	3,762	(62)	101.7%	3,700
LIFE SAFETY	7,600	8,683	(1,083)	114.2%	8,600	8,308	292	96.6%	8,000	2,432	5,568	30.4%	8,000
CODE ENFORCEMENT	2,000	1,891	109	94.5%	5,000	2,063	2,937	41.3%	2,500	1,930	570	77.2%	2,500
PLANNING	-	282	(282)	---	700	856	(156)	122.3%	1,000	2,287	(1,287)	228.7%	1,000
PUBLIC INSPECTIONS	1,800	2,084	(284)	115.8%	1,800	3,722	(1,922)	206.8%	2,000	3,059	(1,059)	153.0%	2,000
POLICE CIVILIAN	50,000	82,711	(32,711)	165.4%	66,400	87,113	(20,713)	131.2%	70,900	63,077	7,823	89.0%	69,200
POLICE LAW ENFORCEMENT	400,000	433,344	(33,344)	108.3%	445,000	426,556	18,444	95.9%	450,600	342,117	108,483	75.9%	460,000
STREET	4,700	7,574	(2,874)	161.1%	4,100	7,457	(3,357)	181.9%	7,900	3,309	4,591	41.9%	7,900
SANITATION	12,100	17,988	(5,888)	148.7%	12,100	17,945	(5,845)	148.3%	17,500	12,328	5,172	70.4%	17,500
CITY MANAGER	2,000	517	1,483	25.9%	2,000	1,192	808	59.6%	2,000	658	1,342	32.9%	1,500
FINANCE	-	37	(37)	---	-	12	(12)	---	-	165	(165)	---	-
PW ADMINISTRATION	-	-	-	---	-	-	-	---	-	209	(209)	---	-
FACILITIES MANAGEMENT	10,500	11,771	(1,271)	112.1%	10,500	8,673	1,827	82.6%	6,400	1,803	4,597	28.2%	6,400
PROCUREMENT & INVENTORY	1,600	756	844	47.2%	1,000	489	511	48.9%	1,000	1,059	(59)	105.9%	1,000
VEHICLE MAINTENANCE	1,000	6,302	(5,302)	630.2%	1,000	6,582	(5,582)	658.2%	6,700	3,983	2,717	59.4%	6,700
CUSTOMER SERVICES	-	-	-	---	200	123	77	61.6%	-	226	(226)	---	-
HUMAN RESOURCES	-	-	-	---	-	159	(159)	---	-	-	-	---	-
WATER ENGINEERING	1,600	943	657	58.9%	800	-	800	0.0%	1,500	1,825	(325)	121.7%	1,000
CONSTRUCTION & MAINT	7,100	6,743	357	95.0%	-	-	-	---	-	-	-	---	-
WATER	9,100	8,632	468	94.9%	13,400	13,151	249	98.1%	12,000	9,395	2,605	78.3%	12,000
WASTE-WATER	27,000	23,559	3,441	87.3%	27,000	14,596	12,404	54.1%	25,000	18,133	6,867	72.5%	25,000
WATER TREATMENT PLANT	34,800	26,750	8,050	76.9%	32,300	45,843	(13,543)	141.9%	30,000	39,079	(9,079)	130.3%	30,000
TRANSMISSION/DISTRIBUTION	115,000	111,864	3,136	97.3%	115,000	112,131	2,869	97.5%	106,800	99,547	7,253	93.2%	106,800
ELECTRIC ENGINEERING	11,000	7,792	3,208	70.8%	11,000	5,337	5,663	48.5%	11,100	3,507	7,593	31.6%	10,000
ELECTRIC ADMINISTRATION	2,000	91	1,909	4.6%	2,000	-	2,000	0.0%	-	-	-	---	-
ELECTRIC METERING	5,000	13,155	(8,155)	263.1%	11,100	15,739	(4,639)	141.8%	19,100	11,377	7,723	59.6%	19,100
ELECTRIC SYSTEMS OPERATIONS	50,000	77,426	(27,426)	154.9%	50,000	70,385	(20,385)	140.8%	72,900	72,812	88	99.9%	72,900
TOTAL	**802,900**	**910,713**	**(107,813)**	**113.4%**	**879,400**	**897,757**	**(18,357)**	**102.1%**	**915,400**	**733,098**	**182,302**	**80.1%**	**910,800**
ELECTRIC PLANT OPERATIONS	198,700	230,378	(31,678)	115.9%	209,200	238,400	(29,200)	114.0%	185,500	203,601	(18,100.77)	109.8%	185,500
POLICE EXTRA DUTY	633,300	478,834	154,466	75.6%	529,200	609,839	(80,639)	115.2%	689,800	382,425	307,374.61	55.4%	560,000

Capital Investment Plans



Revenue Sources & Funds
Total City Summary
General
Water/Wastewater
Electric
Vehicle Replacements

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	418,300					*418,300*
DE Sewer Revolving Loan Fund		250,000				*250,000*
Developer Contribution	620,000	620,000	620,000	620,000	620,000	*3,100,000*
Electric I & E Fund	2,882,200					*2,882,200*
Electric Revenue	3,324,800	6,878,400	3,639,000	3,300,000	2,940,000	*20,082,200*
Future Capacity Reserve Fund			6,000,000			*6,000,000*
General Fund	1,372,900	8,136,800	9,849,600	5,642,900	3,740,700	*28,742,900*
Impact Fee Reserve		555,200	52,800	27,600	460,000	*1,095,600*
Parkland Reserve Fund	205,000	15,000	50,000	15,000	40,000	*325,000*
State Grant	33,000		35,000	33,000	40,000	*141,000*
Water/Wastewater Fund	3,051,400	5,764,500	5,546,200	3,021,500	5,552,000	*22,935,600*
GRAND TOTAL	**11,907,600**	**22,219,900**	**25,792,600**	**12,660,000**	**13,392,700**	***85,972,800***

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

DEPARTMENT SUMMARY

Department	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Code Enforcement		23,800		17,000		*40,800*
Electric Admin	8,500	1,175,200				*1,183,700*
Electric Engineering	1,315,000	3,386,700	8,320,000	2,210,000	2,050,000	*17,281,700*
Electric T & D	1,675,500	1,280,500	1,250,000	1,160,000	1,180,000	*6,546,000*
Facilities Management	25,100		28,800	32,200		*86,100*
Finance	1,500,000	500,000	506,000			*2,506,000*
Fire/Robbins Hose	184,100	298,600	229,700	229,700	229,700	*1,171,800*
Fleet Maintenance		27,000	60,000			*87,000*
Information Technology	36,600	35,600	41,600	81,600	21,600	*217,000*
Parks and Recreation	271,000	15,000	85,000	81,000	80,000	*532,000*
Permtting and Inspections		16,000		34,000		*50,000*
Police	379,900	832,600	3,365,400	417,000	452,700	*5,447,600*
Power Plant	2,328,000	1,656,000	689,000	550,000	330,000	*5,553,000*
Public Works - Grounds	62,500	188,000	153,000	151,000	52,000	*606,500*
Public Works - Sanitation		435,100	427,100	204,900	807,700	*1,874,800*
Public Works - Streets	1,070,000	6,043,100	5,304,200	4,400,500	2,177,000	*18,994,800*
Public Works Admin				42,000		*42,000*
W/WW Engineering		23,000	32,900	28,900	38,000	*122,800*
Wastewater Management	1,493,000	3,462,100	1,563,500	1,443,100	2,676,100	*10,637,800*
Water Management	1,558,400	1,443,500	2,184,100	1,577,100	3,297,900	*10,061,000*
Water Treatment Plant		1,378,100	1,552,300			*2,930,400*
TOTAL	**11,907,600**	**22,219,900**	**25,792,600**	**12,660,000**	**13,392,700**	***85,972,800***

General Fund

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	104,100					*104,100*
General Fund	1,139,600	6,080,800	7,975,400	4,019,600	1,421,600	*20,637,000*
Parkland Reserve Fund	205,000	15,000	50,000	15,000	40,000	*325,000*
State Grant	33,000		35,000	33,000	40,000	*141,000*
GRAND TOTAL	**1,481,700**	**6,095,800**	**8,060,400**	**4,067,600**	**1,501,600**	***21,207,100***

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Information Technology								
Back Up & Recovery System with Software	*IT1800*	1	15,000					*15,000*
Network Infrastrucure	*IT1801*	2	21,600	21,600	21,600	21,600	21,600	*108,000*
Server Lifecycle	*IT1900*	3		14,000	20,000	60,000		*94,000*
Information Technology Total			**36,600**	**35,600**	**41,600**	**81,600**	**21,600**	***217,000***
Parks and Recreation								
Park and Playground Improvement Program	*PR1800*	3	66,000			66,000		*132,000*
Small Park Improvements	*PR1801*	4	15,000	15,000	15,000	15,000		*60,000*
Schutte Park Land Improvements	*PR1802*	1	190,000					*190,000*
Silver Lake Park - Master Plan&Plan Implementation	*PR2000*	1			70,000		80,000	*150,000*
Parks and Recreation Total			**271,000**	**15,000**	**85,000**	**81,000**	**80,000**	***532,000***
Police								
Police Station Roof Repair	*PD1800*	n/a	53,100					*53,100*
Police Station Impound Lot	*PD1801*	n/a	51,000					*51,000*
Server Consolidation	*PD1900*	1		66,000				*66,000*
Evidence Room Asbestos Abatement	*PD1901*	n/a		20,000				*20,000*
Police Station Chiller Replacement	*PD1902*	n/a		250,000				*250,000*
New Evidence Facility	*PD2003*	n/a			3,000,000			*3,000,000*
Police Total			**104,100**	**336,000**	**3,000,000**			***3,440,100***
Public Works - Streets								
Street, Concrete and Alley program	*ST1801*	1	950,000	1,001,200	1,867,800	936,000	1,168,000	*5,923,000*
Miscellaneous Emergency Storm Sewer Repairs	*ST1802*	2	70,000	73,000	76,000	79,000	82,000	*380,000*
Meeting House Branch Improvements	*ST1803*	3		2,740,000	2,740,000	2,740,000		*8,220,000*
Redevelopment of Schutte Park	*ST1804*	4		1,800,000				*1,800,000*
Dover Library Conveyance System Improvements	*ST1805*	4	50,000		200,000			*250,000*
Water Street Flooding Improvements	*ST1906*	6		50,000		100,000		*150,000*
Brine Manufacturing System	*ST1907*	6		45,000				*45,000*
The Greens of Dover/Lamplighter Ln Strmwtr Impr	*ST2005*	6			50,000		150,000	*200,000*
Reed Street Flooding Improvements	*ST2104*	4				50,000		*50,000*
Public Works - Streets Total			**1,070,000**	**5,709,200**	**4,933,800**	**3,905,000**	**1,400,000**	***17,018,000***
GRAND TOTAL			**1,481,700**	**6,095,800**	**8,060,400**	**4,067,600**	**1,501,600**	***21,207,100***

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **IT1800**

Project Name **Back Up & Recovery System with Software**

New Project: Yes

Time-Line: FY18

Account Number: 147-2200-516.40-28

Department Information Technology

Contact IT Director

Type Technology

Useful Life 5 years

Category Information Technology

Priority 1

Status Active

Total Project Cost: **$15,000**

Description

Due to exponential growth in and dependence on data, the City has out grown its backup and recovery capabilities. The equipment in place was purchased in 2013 and was sized to account for growth. Since its purchase, City Department's use of Fortis document imaging has expanded to consume 400% more disk space. Additionally, several departments rely more and more on video/graphic evidence resulting in significant increases due to pictures and video.

To save money on server license fees and hardware replacement, the IT Department has virtualized many of its servers. This has reduced the number of physical servers and licenses required. It has also increased efficiency to deliver necessary services to the end users. We have gone from having 19 physical servers to having seven. Two of those servers are hosts for over 20 virtual servers. Although the virtual servers save on physical space and electricity, it is a lot more to manage and they still need to be backed up.

Justification

Our backup process is very complicated. Due to time constraints, we modified the backups to do a complete backup on the weekends with incremental backups during the week. During the week, we're backing up the changes that have been made since the last full backup. The backup is stored locally on the backup server and duplicated to a tape. The full backups start on Friday evening and do not complete until mid-day on Monday. There's not enough time in the day to get the backup duplicated to tape prior to Monday's backup starting. Additionally, due to the size or the backup jobs, our ability to store multiple versions of the backup locally have been greatly reduced. Whereas a week's worth of data used to be stored locally, we can save only one to two days' worth of data. This does not provide the City with sufficient backup or disaster recovery peace of mind. The backup server does not provide any available scalability to add additional storage space.

I recommend the purchase of a new backup appliance and backup software that can grow with the City's data. I'm recommending a Dell DL1300 appliance with 4TB of storage. The unit is scalable to as much as 18TB. The cost of the unit inclludes five years of licensed software. For the near term, the City has storage capacity to replicate the backup to a different location for disaster recovery. As the technology and prices continue to improve, it may be beneficial to replicate our backup to a cloud provider for improved disaster recovery.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	15,000					15,000
Total	**15,000**					**15,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	15,000					15,000
Total	**15,000**					**15,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **IT1801**

Project Name **Network Infrastrucure**

New Project:

Time-Line:

Account Number: 147-2200-516.40-28

Department Information Technology

Contact IT Director

Type Technology

Useful Life 10 years

Category Information Technology

Priority 2

Status Active

Total Project Cost: **$108,000**

Description

The City's netwok infrastrucure (switches and routers) were installed as part of the telephone upgrade in 2006. It consists of approximately 18 switches, 6 routers. All of this equipment is at or nearing Cisco's End of Support/End of Life requiring a phased replacement plan.

Justification

Vital network switching and routing equipment allow for communication between servers, computers, printers, telephones, etc.. A loss of any one piece of equipment will prevent up to 48 devices to stop communicating. With no support for the current equipment, it could be an extended outage while completing an unplanned purchase. This plan is critical to maintaining the level of communication and support expected by all users. It calls for a 20% replacement schedule across 5 years until all equipment is replaced and supported.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	21,600	21,600	21,600	21,600	21,600	108,000
Total	**21,600**	**21,600**	**21,600**	**21,600**	**21,600**	**108,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	21,600	21,600	21,600	21,600	21,600	108,000
Total	**21,600**	**21,600**	**21,600**	**21,600**	**21,600**	**108,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # IT1900

Project Name Server Lifecycle

New Project:

Time-Line:

Account Number: 147-2200-516.40-28

Department Information Technology

Contact IT Director

Type Technology

Useful Life 3 - 5 Years

Category Information Technology

Priority 3

Status Active

Total Project Cost: **$94,000**

Description

As with the computer lifecycle, the servers are on a lifecycle and require planned replacements. When a server is up for replacement, it is evaluated for continued use beyond the lifecycle timeframe. As long as it's viable and service can be extended, its service life will be extended. This plan includes the replacement of DOVERDC1 and the SQL server in FY18, two HyperV servers in FY19, and the Storage Area Network (SAN) in FY20

Justification

Due to the City's growing need and dependency on data, servers and storage requirements iincrease. The increased demands on equipment and storage makes it necessary to replace aging equipment. Obtaining extended warranties may be used when possible, but it can be more cost effective to replace with newer technology. Servers and associated equipment listed in this plan are to ensure continued 99.999% availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		14,000	20,000	60,000		94,000
Total		**14,000**	**20,000**	**60,000**		**94,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		14,000	20,000	60,000		94,000
Total		**14,000**	**20,000**	**60,000**		**94,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PR1800**

Project Name **Park and Playground Improvement Program**

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY17-FY20

Department Parks and Recreation

Contact Public Works Director

Type Improvement

Useful Life 10-15 years

Category General

Priority 3

Status Active

Total Project Cost: **$132,000**

Description

This project provides for a regular replacement of playground equipment and other park amenities throughout the park system. It could also potentially include installation of playground equipment in parks without equipment. This is important to ensure that equipment is replaced as old equipment deteriorates and becomes less safe. All newly installed equipment will meet the standards of the Consumer Product Safety Commission.

Justification

As equipment ages it deteriorates and can become unsightly and/or unsafe. Replacement of dated equipment is important to ensure that our parks meet the needs of the population and provides a safe play environment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	66,000			66,000		132,000
Total	**66,000**			**66,000**		**132,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	33,000			33,000		66,000
State Grant	33,000			33,000		66,000
Total	**66,000**			**66,000**		**132,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PR1801**

Project Name **Small Park Improvements**

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY17-FY20

Department Parks and Recreation

Contact Parks & Recreation Director

Type Improvement

Useful Life 10-15 years

Category General

Priority 4

Status Active

Total Project Cost: **$60,000**

Description

Under this project, the City would fund small capital improvements in parks citywide. This could include improvements to pavilions, fencing and other structures in the park that require investment over time but exceed the thresholds for non-capital investments.

Justification

There are a number of amenities in the City's park that deteriorate over time and require small capital investments to be safe and attractive. As our park investments age, we need to make sure that we are maintaining the properties, which may require small capital projects.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	15,000	15,000	15,000	15,000		60,000
Total	**15,000**	**15,000**	**15,000**	**15,000**		**60,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund	15,000	15,000	15,000	15,000		60,000
Total	**15,000**	**15,000**	**15,000**	**15,000**		**60,000**

Budget Impact/Other

$5K donated from Councilman Hosfelt toward Bicentennial Village Park for benches and other amenities (Discretionary funds FY2017)

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PR1802**

Project Name **Schutte Park Land Improvements**

Department Parks and Recreation
Contact Public Works Director
Type Improvement
Useful Life 50 years
Category General
Priority 1
Status Active
Total Project Cost: **$190,000**

New Project: No
Account Number: 147-1500-525.40-31
Time-Line: FY18

Description

This project includes a plan to develop multipurpose fields on the lands on the west side of the park and to complete the multipurpose pathway around the park's perimeter. It will also include other amenities that are consistent with the Recreation Needs Assessment. Once plans are complete, the improvements will be constructed in FY 18.

Justification

Currently, the Schutte Park addition is unusable. There is constant demand for field space, and we have 14 acres of unusable space.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	190,000					190,000
Total	**190,000**					**190,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund	190,000					190,000
Total	**190,000**					**190,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PR2000**

Project Name **Silver Lake Park - Master Plan&Plan Implementation**

New Project: No

Account Number: 147-1500-525.40-31

Time-Line: FY18-FY20

Department Parks and Recreation

Contact Parks & Recreation Director

Type Improvement

Useful Life

Category General

Priority 1

Status Active

Total Project Cost: **$150,000**

Description

Hire a consultant to develop a master plan for Silver Lake Park that includes a vegetation management plan and lighting plan, and also addresses the needs identified in the Recreation Needs Assessment, including paths, restrooms, a splash pad, and other general park improvements such as parking lot improvements and delineation and preservation of the African American Cemetery on the property. The Silver Lake Commission and DNREC would be part of the planning process.

Justification

The plan for Silver Lake Park needs to be updated based on current need as identified in the Recreation Needs Assessment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			70,000		80,000	150,000
Total			**70,000**		**80,000**	**150,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Parkland Reserve Fund			35,000		40,000	75,000
State Grant			35,000		40,000	75,000
Total			**70,000**		**80,000**	**150,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD1800**

Project Name **Police Station Roof Repair**

New Project: Yes

Time-Line: FY18

Account Number: 147-1700-541.40-31

Department Police

Contact Police Chief

Type Maintenance

Useful Life

Category General

Priority n/a

Status Active

Total Project Cost: **$53,100**

Description

The Police Department has been experiencing recurring roof leaks over the past several years. Over time, we determined the leaks have to be coming from the flat roof sections of the building. As a result, we have made several attempts to correct the problems. However, with every windy rain storm that occurs additional leaks are discovered. It is troublesome to determine where exactly the least are occurring because the water flows from the roof over the pipes and structure in the attic areas before they drip through to the second-floor office areas. As a result, we consulted with Mike Hamlett, the city facilities maintenance section chief and he suggested that we obtain an estimate from a contractor to provide a foam seal coat over all of the flat areas of the roof.
As a result, I contacted Bel Air Roofing in the Baltimore, Maryland area since they have done a lot of similar work for Dover AFB. The estimate includes 40 mil & 20 year warranty on all three sections of our flat roof. It also includes additional 15% pricing for contingencies.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	53,100					53,100
Total	**53,100**					**53,100**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	53,100					53,100
Total	**53,100**					**53,100**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD1801**

Project Name **Police Station Impound Lot**

New Project:

Account Number:

Time-Line:

Department Police

Contact Police Chief

Type Unassigned

Useful Life 20 years

Category General

Priority n/a

Status Active

Total Project Cost: **$51,000**

Description

Originally 120,000. Transferred 51,000 to PD1800.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	51,000					51,000
Total	**51,000**					**51,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	51,000					51,000
Total	**51,000**					**51,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD1900**

Project Name **Server Consolidation**

New Project: Yes

Time-Line: FY18-FY19

Account Number: 147-1700-541.40-26

Department Police

Contact Capt Stump

Type Technology

Useful Life 5 years

Category Information Technology

Priority 1

Status Active

Total Project Cost: **$66,000**

Description

The Police Department regular server hardware currently consists of 9 physical server computers, with one of them serving as a virtualized host of 3 virtualized servers, totaling 11 windows server environments. This number is dynamic as the need for separate servers changes every few years. The cost of an individual server includes both the physical hardware as well as the operating system installed on such servers, and licenses for clients to connect to each of those operating systems. The idea behind virtualized server environments is to reduce operating costs over time by purchasing one robust physical server which can handle the virtualized load of operating systems normally housed on individual and less robust server hardware. The initial cost of the robust virtual host is a fraction of what would be spent in multiple years of physical server costs. This, combined with a Datacenter Edition of Windows Server allows for unlimited licenses of virtual servers, limited only by the hardware capabilities of that one robust host. There will be exceptions where a physical machine is required by a vendor or is necessary due to workload (such as SQL database host), but most environments can be of a virtual type.

Justification

The City's IT Department is also migrating the rest of the city computer systems to this type of set-up so we would like to follow their example. In addition, this project will simplify the internal server structure by:
1.Reducing the number of physical servers
2.Reducing costs of operating systems purchased over time
3.Reducing costs of multiple physical server purchases
4.Reducing electrical use of physical servers which in turn reduces electrical costs as well as increasing the run-time on our server battery backup unit
5.Reducing the amount of heat generated otherwise by multiple physical servers which in turn requires more cooling of server room
6.Reduces the necessary cabling/wiring necessary to control and network multiple servers
7.Allows us to duplicate the virtual machines to a future, identical machine to facilitate redundancy, reducing or eliminating downtime of server maintenance (FY18)

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		66,000				66,000
Total		**66,000**				**66,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		66,000				66,000
Total		**66,000**				**66,000**

Budget Impact/Other

The purchase price above includes a five year warranty period, which is the expected life cycle for these servers. As a result, we would hope to replace them every five years so there are no expected recurring budget costs for this project. However, it may be possible to extend the life of the systems, but maintenance costs would be incurred for additional years to keep the systems operational. We do not know what the maintenance cost would be for that point in time.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD1901**

Project Name **Evidence Room Asbestos Abatement**

New Project:

Account Number:

Time-Line:

Department Police
Contact Police Chief
Type Improvement
Useful Life 20 years
Category General
Priority n/a
Status Active
Total Project Cost: **$20,000**

Description

This project integrates with FY18-19 project for the new evidence storage facility. However the following information is provided as background for this request.

Within the past few years, the Police Department has been experiencing issues with the air quality in the building. As a result, Compliance Environmental was contracted to perform air quality sampling in the building. Several areas in the building were found to have elevated levels of mold and other particulates in the air samples. Although the levels present in the samples were not toxic, they were high enough that the experts recommended recurring samples be taken to monitor the levels to assure the safety of the people working in the building. The mold particles were found to be much higher in the air handling unit that services the main evidence storage area and the 911 Communications Supervisor's office.

The problems for this unit were found to be caused by the insufficient air flow present in the main evidence storage room. In addition, it was discovered that the ventilation for the evidence room, especially for the interior storage room for drugs/narcotics, was not vented properly to provide negative air flow in these areas. As a result, the odor of the drugs and narcotics stored in this room were being recirculated within the air handler unit, so other areas of the building were being exposed to the noxious odors.

The air quality study also made several recommendations that would help alleviate the odor issues in the building. The first step was to remove and dispose of the carpeting in the main evidence room and replace it with hard flooring to reduce the amount of contamination from the air.

Before the carpeting could be removed, Compliance Environmental tested the flooring under the areas where the carpeting was to be removed. A portion of the main evidence room is located within the boundaries of the original building footprint, so the flooring in that area is much older than the flooring in other parts of the room which are located in the new section of the building. Samples were taken in all parts of the room and the testing revealed the presence of asbestos tile under the carpet. Removal of the carpeting in this area will require specialized equipment and process for removing the asbestos in the room and will also require the removal of all of the evidence property stored in the room, however, the temporary relocation of evidence to another area in the building is not possible because of the storage security requirements prescribed by police accreditation standards.

As a result, the timing for this project is requested to coincide with the timing for the construction of the new evidence facility. The cost estimate for this project was provided by Compliance Environmental.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		20,000				20,000
Total		**20,000**				**20,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		20,000				20,000
Total		**20,000**				**20,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD1902**

Project Name **Police Station Chiller Replacement**

New Project:

Time-Line:

Account Number:

Department Police
Contact Police Chief
Type Equipment
Useful Life
Category General
Priority n/a
Status Active
Total Project Cost: **$250,000**

Description

This project integrates with FY2020 project for the new evidence storage facility. However, the following information is provided as background for this request.
The Police Impound lot is currently located off-site at a location in Schutte park. Although the lot is fenced in, there have been recurring problems with break-ins and damage to the vehicles stored in the lot. The lot was originally located on the police station lot adjacent to the location of the old warehouse, before it was torn down and replaced. When the lot was located on the police station property, there was more visibility of the lot and the vehicles located there so there were no security issues.
The timing for this project should coincide with the construction of the new evidence facility, so it should happen towards the end of the project or immediately after its completion.
As a result, the timing for this project is requested to coincide with the timing for the construction of the new evidence facility. The cost for this facility was calculated using engineering cost estimates used by Dover AFB civil engineers for parking lots; $10/square foot for paved areas plus $100/linear foot for the fencing which includes outrigging on the fencing.

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous		250,000				250,000
Total		**250,000**				**250,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		250,000				250,000
Total		**250,000**				**250,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **PD2003**

Project Name **New Evidence Facility**

New Project: Yes

Account Number: 147-1700-541.40-31

Time-Line:

Department Police
Contact Capt Stump
Type Unassigned
Useful Life 50 years
Category General
Priority n/a
Status Active
Total Project Cost: **$3,000,000**

Description

There is currently insufficient space for managing evidence property within the Police Department. As criminal activities increase throughout the city, additional space is needed to store all the items taken into custody for the increasing workload. In addition, there are several locations throughout the police station and police warehouse that are currently being used for evidence storage. The main evidence storage facility is located on the first floor in the center of the police station and it houses the storage of the smaller current evidence articles and also contains another secured room inside of this area for the storage of illegal drugs.

Within the past few years, the Police Department has been experiencing issues with the air quality in the building. As a result, Compliance Environmental was contracted to perform air quality sampling in the building. Several areas in the building were found to have elevated levels of mold and other particulates in the air samples. Although the levels present in the samples were not toxic, they were high enough that the experts recommended recurring samples be taken to monitor the levels to assure the safety of the people working in the building. The mold particles were found to be much higher in the air handling unit that services the main evidence storage area and the 911 Communications Supervisor's office.

The problems for this unit were found to be caused by the insufficient air flow present in the main evidence storage room. In addition, it was discovered that the ventilation for the evidence room, especially for the interior storage room for drugs/narcotics, was not vented properly to provide negative air flow in these areas. As a result, the odor of the drugs and narcotics stored in this room were being recirculated within the air handler unit, so other areas of the building were being exposed to the noxious odors.

As a result, the cost to make all the modifications needed to the existing space most likely prove to be costlier and cause more complications, so building the new facility would be much easier and more effective.

The cost for this facility was calculated using engineering cost estimates used by Dover AFB civil engineers for vaulted buildings, garage areas and parking lots. A more defined cost and plans for the building would have to be procured from an engineering/design firm which would be provided at a significant cost.

Justification

This project will simplify the evidence storage dilemma:

1.Enhance the health and safety of the police station environment by removing the problematic evidence storage area to a separate location.
2.Provide for increased space for efficient storage without temporary relocation of the evidence storage area.
3.Provide the additional evidence storage space that is needed for future expansion.
4.Free up space in the police station for additional manpower and functions that are needed to accommodate the rise in crime.
5.Consolidate all evidence storage in one area to make management of these items easier and more efficient.
6.Adding the new facility could also make the movement of the vehicle impound lot back to an area on the police property more feasible and efficient since the vehicles in the lot would be observable from the police station, warehouse and new evidence facility.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance			3,000,000			3,000,000
Total			**3,000,000**			**3,000,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund			3,000,000			3,000,000
Total			**3,000,000**			**3,000,000**

Budget Impact/Other

Initial air quality sampling was completed in FY16 ($7,150). Asbestos testing in the main evidence area was completed in early FY17 ($700). The recheck of air quality in two areas was performed in January 2017 ($1,890) and recurring air quality testing was recommended to be performed semi-annually. As a result, $2,000 was budgeted for each testing occurrence starting in FY18 at a cost of $4,000/year.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **ST1801**

Project Name **Street, Concrete and Alley program**

New Project: No

Account Number: 147-1800-554.40-31

Time-Line: FY18-FY22

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 20-25 years

Category General

Priority 1

Status Active

Total Project Cost: **$5,923,000**

Description

This project will rehabilitate approximately three to five percent (3-5%) of the street and alley network each year. The estimated capital maintenance costs are $33.7 million over a 20-year planning horizon in Fiscal Year 2005 dollars. This estimate is based on the needs survey conducted by Public Services in Fiscal Year 2004. Continuous maintenance on these assets will prevent costlier reconstruction in the future. This project combines the former Street Resurfacing Program, the Alley Program and the Barrier Free Access Ramp Program. Locations will be determined by the priority listing and by potential legislator contributions. Additionally, this program replaces and rehabilitates deteriorated sidewalks and curbs throughout the City using in-house labor and private contractors. This is in accordance with the ADA. Delaying or eliminated the project will result in continued complaints and insurance claims from citizens and visitors. In addition, further deterioration of the sidewalk network will occur.

Justification

The program identifies maintenance costs for the 83.01 miles of streets and 15.93 miles of alleys. Replacement of deteriorated curbs, gutters, and sidewalks provides improved use, drainage, and the appearance of the pavement section. The Street and Alley Program schedule is driven by funding and road ratings. Total street mileage is growing as more roads and alleys are dedicated for public maintenance due to growth. Additionally, this program promotes the interconnection of the sidewalk network to conform to ISTEA (Intermodal Surface Transportation Efficiency Act) and rehabilitates sidewalks that have root damage from City street trees. This program also facilitates compliance with the Americans with Disabilities Act as it relates to the pedestrian network as well as improving localized drainage issues.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000
Total	**950,000**	**1,001,200**	**1,867,800**	**936,000**	**1,168,000**	**5,923,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	950,000	1,001,200	1,867,800	936,000	1,168,000	5,923,000
Total	**950,000**	**1,001,200**	**1,867,800**	**936,000**	**1,168,000**	**5,923,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # ST1802

Project Name Miscellaneous Emergency Storm Sewer Repairs

New Project: Yes

Account Number: 147-1800-554.40-31

Time-Line: FY17-FY21

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50-80

Category General

Priority 2

Status Active

Total Project Cost: **$380,000**

Description

This project will repair failing storm sewer infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	70,000	73,000	76,000	79,000	82,000	380,000
Total	**70,000**	**73,000**	**76,000**	**79,000**	**82,000**	**380,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	70,000	73,000	76,000	79,000	82,000	380,000
Total	**70,000**	**73,000**	**76,000**	**79,000**	**82,000**	**380,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1803**
Project Name **Meeting House Branch Improvements**

Type Improvement
Useful Life 90+ years
Category General

New Project: No
Account Number: 147-1800-554.40-31
Priority 3

Time-Line: FY18-FY20
Status Active

Total Project Cost: **$8,220,000**

Description

Due to the environmental concerns, the Meeting House Branch site (also known as PWII) will be redeveloped to improve stormwater quality entering Silver Lake. This project will also decrease the flooding in the area. The site will be converted to a stabilized park with water quality improvements for stormwater.

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Stringent environmental regulations will require improvements on the site. Improved stormwater control will enhance affected area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		2,740,000	2,740,000	2,740,000		8,220,000
Total		**2,740,000**	**2,740,000**	**2,740,000**		**8,220,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		2,740,000	2,740,000	2,740,000		8,220,000
Total		**2,740,000**	**2,740,000**	**2,740,000**		**8,220,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1804**
Project Name **Redevelopment of Schutte Park**

Type Improvement
Useful Life 90+ years
Category General

New Project: No
Account Number: 147-1800-554.40-31
Priority 4

Time-Line: FY18-FY19
Status Active

Total Project Cost: **$1,800,000**

Description

In conjunction with the PW 2 site improvements, operations will be relocated to Schutte Park. The improvements include relocating the greenhouse, grounds office, equipment garage (including small engine repair).

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Relocation of existing city facility to Schutte Park will create a centralized location for divisions and increase operational efficiency.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,800,000				1,800,000
Total		**1,800,000**				**1,800,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		1,800,000				1,800,000
Total		**1,800,000**				**1,800,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **ST1805**

Project Name **Dover Library Conveyance System Improvements**

New Project: Yes

Account Number: 147-1800-554.40-31

Time-Line: FY18-FY19

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 4

Status Active

Total Project Cost: **$250,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that begins in the northeast corner of the Dover Public Library parking lot and travels due east to mirror lake and eventually St. Jones River.

Justification

This will provide improved capacity and conveyance of stormwater from the City owned parking lot. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	50,000					50,000
Construction/Maintenance			200,000			200,000
Total	**50,000**		**200,000**			**250,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund	50,000		200,000			250,000
Total	**50,000**		**200,000**			**250,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST1906**
Project Name **Water Street Flooding Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: Yes
Account Number: 147-1800-554.40-31
Priority 6 --

Time-Line: FY19-FY20
Status Active

Total Project Cost: **$150,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that is in Water Street, near the intersection of Governors Avenue. This area consistently floods with a moderate rain event in the City.

Justification

This will provide improved capacity and conveyance of stormwater from this intersection. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		50,000				50,000
Construction/Maintenance				100,000		100,000
Total		**50,000**		**100,000**		**150,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		50,000		100,000		150,000
Total		**50,000**		**100,000**		**150,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # ST1907

Project Name Brine Manufacturing System

Department Public Works - Streets
Contact Public Works Director
Type Improvement
Useful Life 50 years
Category General
Priority 6 --
Status Active
Total Project Cost: **$45,000**

New Project: Yes
Account Number: 147-1800-554.40-31
Time-Line: FY18

Description

This project, identified by staff, will convert dry rock salt into liquid for pre-wetting or anti-icing roadways prior to inclement weather. The use of brine salt lowers the freezing point of snow and ice. The location of this system will be at Schutte Park.

Justification

This will provide a cost effective way to pre-treat the City of Dover roadways to enhance safety during snow and ice events.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		45,000				45,000
Total		**45,000**				**45,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund		45,000				45,000
Total		**45,000**				**45,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # ST2005

Project Name The Greens of Dover/Lamplighter Ln Strmwtr Impr

New Project: Yes

Account Number: 147-1800-554.40-31

Time-Line: FY20-FY21

Department Public Works - Streets

Contact Public Works Director

Type Improvement

Useful Life 50 years

Category General

Priority 6 --

Status Active

Total Project Cost: **$200,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that is behind Lamplighter Lane, near the Greens of Dover. The existing forty-two inch (42") stormwater pipe has a temporary repair to handle the stormwater.

Justification

This will provide improved capacity and conveyance of stormwater from this area. Failure to improve this system will result in a future failure of the infrastructure and property damage.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			50,000			50,000
Construction/Maintenance					150,000	150,000
Total			**50,000**		**150,000**	**200,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
General Fund			50,000		150,000	200,000
Total			**50,000**		**150,000**	**200,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Public Works - Streets
Contact Public Works Director

Project # **ST2104**
Project Name **Reed Street Flooding Improvements**

Type Improvement
Useful Life 50 years
Category General

New Project: Yes
Account Number: 147-1800-554.40-31
Priority 4

Time-Line: FY21-FY22
Status Active

Total Project Cost: **$150,000**

Description

This project, identified by staff, will upgrade the existing stormwater infrastructure that is within Reed Street, near the intersection of Bradford Street. The current infrastructure is undersized.

Justification

This will provide improved capacity and conveyance of stormwater from this street. Failure to improve this system will result in continued flooding in the area.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design				50,000		50,000	100,000
Total				**50,000**		**50,000**	**Total**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
General Fund				50,000		50,000	100,000
Total				**50,000**		**50,000**	**Total**

Budget Impact/Other

Water/Wastewater Fund

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
DE Sewer Revolving Loan Fund		250,000				*250,000*
Impact Fee Reserve		555,200	52,800	27,600	460,000	*1,095,600*
Water/Wastewater Fund	2,895,100	4,708,800	4,859,000	2,732,600	5,126,000	*20,321,500*
GRAND TOTAL	**2,895,100**	**5,514,000**	**4,911,800**	**2,760,200**	**5,586,000**	***21,667,100***

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Wastewater Management								
Meter Replacement Project	*WW1800*	n/a	216,100	229,000	229,000	229,000	229,000	*1,132,100*
Inflow/Infiltration Removal	*WW1801*	1	1,071,900	651,000	888,900	832,100	861,000	*4,304,900*
Miscellaneous Emergency Sanitary Sewer Repairs	*WW1802*	2	100,000	155,000	160,000	165,000	170,000	*750,000*
SCADA Equipment Technology Upgrade	*WW1803*	3	35,000	36,000	37,000	38,000	39,000	*185,000*
Puncheon Run Pump Station Improvements	*WW1805*	6	70,000	250,000				*320,000*
Delaware Tech Pump Station Replacement	*WW1900*	5		450,000				*450,000*
Tar Ditch Interceptor	*WW1901*	7		250,000				*250,000*
Silver Lake Pump Station Replacement	*WW1902*	5		462,000				*462,000*
Walker Woods Pump Station Replacement	*WW1903*	4		476,000				*476,000*
College Road Pump Station Replacement	*WW2000*	5			65,000		570,000	*635,000*
Turnberry Pump Station Replacement	*WW2001*	5			67,000		580,000	*647,000*
Heatherfield Pump Station Replacement	*WW2100*	5				69,000		*69,000*
Lepore Road Sanitary Sewer Upgrade	*WW2206*	6					33,100	*33,100*
Wastewater Management Total			**1,493,000**	**2,959,000**	**1,446,900**	**1,333,100**	**2,482,100**	***9,714,100***
Water Management								
Meter Replacement Program	*WD1800*	n/a	216,100	222,500	229,200	236,100	243,400	*1,147,300*
Wellhead Redevelopment Program	*WD1801*	1	55,000	90,000	92,500	95,000	97,500	*430,000*
Futrure Well Installation	*WD1901*	5		635,000	635,000			*1,270,000*
Denneys Road 1.0 MG Elevated Water Storage Tank	*WD2005*	5			84,000		1,495,000	*1,579,000*
Water Quality Improvements	*WQ1801*	2	425,000					*425,000*
Water Quality Improvements	*WQ1802*	2	621,000	219,500	863,200	1,002,000	1,171,000	*3,876,700*
Miscellaneous Emergency Water Repairs	*WQ1803*	3	85,000	88,000	91,000	94,000	97,000	*455,000*
Water Management Total			**1,402,100**	**1,255,000**	**1,994,900**	**1,427,100**	**3,103,900**	***9,183,000***
Water Treatment Plant								
Water Treatment Plant Process Improvements	*WD1902*	4		1,300,000	1,470,000			*2,770,000*
Water Treatment Plant Total				**1,300,000**	**1,470,000**			***2,770,000***
GRAND TOTAL			**2,895,100**	**5,514,000**	**4,911,800**	**2,760,200**	**5,586,000**	***21,667,100***

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1800**
Project Name **Meter Replacement Project**

Type Improvement
Useful Life 20 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-25
Priority n/a

Time-Line: FY18-FY22
Status Active

Total Project Cost: **$1,132,100**

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	216,100	229,000	229,000	229,000	229,000	1,132,100
Total	**216,100**	**229,000**	**229,000**	**229,000**	**229,000**	**1,132,100**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	216,100	229,000	229,000	229,000	229,000	1,132,100
Total	**216,100**	**229,000**	**229,000**	**229,000**	**229,000**	**1,132,100**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1801**
Project Name **Inflow/Infiltration Removal**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 1

Time-Line: FY18-FY22
Status Active

Total Project Cost: **$4,304,900**

Description

This project identifies and corrects areas in the sanitary sewer collection system that are deteriorating and allowing groundwater to enter the sanitary sewer system through cracked pipes and/or joints. Video investigations of the lines are performed by in-house crews to determine the condition of subject pipes which may also help with the identification of sump pumps and other illicit connections to the system which will have to be removed by individual property owners. Investigations are occurring systematically through the sewer basins to establish projects for the following year. Sanitary sewer lines are also being inspected in conjunction with water quality improvement project areas to determine main condition. Smoke testing, pipe relining and or replacement are to occur each year. The wet weather which was experienced in both 2003 and 2009/2010/2011, exemplified the fact that the aging and deteriorating sanitary sewer system allows groundwater and rain water to enter the system. This in turn results in higher treatment charges from Kent County. In FY 2011 a new groundwater inflow adjustment charge was established as a result. It is critical to continue making improvements on a regular and planned basis to improve the integrity of the wastewater system. Weather occurs in a cyclical fashion and discrepancies between fees collected and charges received will likely happen again when groundwater and precipitation levels rise. FY 17 projects include continuation of rehabilitating the White Oak Farms Basin #5, North State Street Repair and South State Street Repair. FY 18 projects include: approximately 20,700 linear feet of root control throughout the City, various pipe relining in various areas of the City and continuation of White Oak Farms Basin #5.

Justification

The wet weather experienced in both 2003 and 2009/2010/2011, highlighted the fact that we have an aging wastewater system that requires more attention to the condition of the old pipe network and more monitoring of illicit connections to the system. Inflow and infiltration are problems that all customers pay for since they are costs that are not assigned to an individual customer. Therefore, all customers are affected by expenses related to inflow and infiltration. Delaying or eliminating this project will result in continued higher treatment charges for wastewater flow to Kent County than is necessary. In addition, the reduction in available capacity in the City and county systems due to inflow and infiltration will reduce the capacity available for future growth.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	1,071,900	651,000	888,900	832,100	861,000	4,304,900
Total	**1,071,900**	**651,000**	**888,900**	**832,100**	**861,000**	**4,304,900**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	1,071,900	651,000	888,900	832,100	861,000	4,304,900
Total	**1,071,900**	**651,000**	**888,900**	**832,100**	**861,000**	**4,304,900**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1802**
Project Name **Miscellaneous Emergency Sanitary Sewer Repairs**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 2

Time-Line: FY18-FY22
Status Active

Total Project Cost: **$750,000**

Description

This project will repair failing sanitary sewer infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental contamination.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	100,000	155,000	160,000	165,000	170,000	750,000
Total	**100,000**	**155,000**	**160,000**	**165,000**	**170,000**	**750,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	100,000	155,000	160,000	165,000	170,000	750,000
Total	**100,000**	**155,000**	**160,000**	**165,000**	**170,000**	**750,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **WW1803**

Project Name **SCADA Equipment Technology Upgrade**

Department Wastewater Management

Contact Public Works Director

Type Improvement

Useful Life 10 years

Category Water/Wastewater

New Project: Yes

Account Number: 417-6900-569.40-25

Priority 3

Time-Line: FY18-FY22

Status Active

Total Project Cost: **$185,000**

Description

This project involves the replacement of antiquated and / or obsolete remote terminal units (RTU's) at wastewater pump stations with new up-to-date SCADA equipment. A new module will be installed at each station. This module will be utilized as the reporting equipment that will report real time data that depicts the status of alarms at the City's stations. The new module will utilize cellular service to transit all information through a web based program, which will allow multiple City personnel to access the information remotely. The City will replace six existing RTU's per year until the entire inventory of pump stations have been replaced.

Justification

Replace failing and antiquated equipment with completely new alarm reporting equipment to provide reliable SCADA system reporting to prevent the need for costly non-budgeted emergency repairs. Additionally, the current RTU maintenance contract will be retiring soon, putting the City at risk of securing a costly contract to provide repairs.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	35,000	36,000	37,000	38,000	39,000	185,000
Total	**35,000**	**36,000**	**37,000**	**38,000**	**39,000**	**185,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	35,000	36,000	37,000	38,000	39,000	185,000
Total	**35,000**	**36,000**	**37,000**	**38,000**	**39,000**	**185,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1805**
Project Name **Puncheon Run Pump Station Improvements**

Type Improvement
Useful Life 20 years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 6 --

Time-Line: FY18-FY19
Status Active

Total Project Cost: **$320,000**

Description

This project, identified by staff, will replace a failing grit removal system that is located within the Puncheon Run Pump Statoin. The existing infrastructure is failing and is need of upgrades. Estimates provided by JMT, Consulting Engineer.

Justification

Delaying these upgrades will reduce the efficiently of the pump station mentioned above, additionally, operational costs will continue to increase for the above mentioned pump stations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	70,000					70,000
Construction/Maintenance		250,000				250,000
Total	**70,000**	**250,000**				**320,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	70,000	250,000				320,000
Total	**70,000**	**250,000**				**320,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1900**
Project Name **Delaware Tech Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 5
Time-Line: FY18
Status Active
Total Project Cost: **$450,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1975 in order to handle the increased flows from the area. The station has exceeded its life anticipated expectancy of 20-25 years and is in need of a capacity upgrade due to anticipated increase flow. Estimates provided by JMT, Consulting Engineer

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable, and replacement of equipment is costly. Design in Fiscal 2018; construction in Fiscal 2019

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		450,000				450,000
Total		**450,000**				**450,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		180,000				180,000
Water/Wastewater Fund		270,000				270,000
Total		**450,000**				**450,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **WW1901**

Project Name **Tar Ditch Interceptor**

Department Wastewater Management

Contact Public Utilities Director

Type Improvement

Useful Life 20-25 years

Category Water/Wastewater

Priority 7 --

Status Active

New Project: Yes

Account Number: 417-6900-569.40-31

Time-Line: FY18

Total Project Cost: **$250,000**

Description

This project, identified in the 2009 Wastewater Master Plan, requires approximately 300 linear feet of fifteen (15") gravity sanitary sewer replacement. It has been identified that the subject pipe is flowing with a reverse slope, which can cause a surcharge during peak flow periods. Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

Delaying this project will result in preventing growth, as well as environmental issues with sewage surcharging onto the ground. Additionally, not addressing this issue could result in sewage backups to residences. Construction in Fiscal 2019.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		250,000				250,000
Total		**250,000**				**250,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
DE Sewer Revolving Loan Fund		250,000				250,000
Total		**250,000**				**250,000**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1902**
Project Name **Silver Lake Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: No
Account Number: 417-6900-569.40-31
Priority 5
Time-Line: FY17-FY19
Status Active
Total Project Cost: **$462,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1982 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by JMT, Consulting Engineer.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2019.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		462,000				462,000
Total		**462,000**				**462,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		184,800				184,800
Water/Wastewater Fund		277,200				277,200
Total		**462,000**				**462,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW1903**
Project Name **Walker Woods Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 4

Time-Line: FY20
Status Active

Total Project Cost: **$476,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by JMT, Consulting Engineer.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design in Fiscal 2017; construction in Fiscal 2020.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		476,000				476,000
Total		**476,000**				**476,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve		190,400				190,400
Water/Wastewater Fund		285,600				285,600
Total		**476,000**				**476,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW2000**
Project Name **College Road Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 5
Time-Line: FY20-FY21
Status Active
Total Project Cost: **$635,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1987 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Associates,Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation. Pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2020; construction in Fiscal 2021.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			65,000		570,000	635,000
Total			**65,000**		**570,000**	**635,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve			26,000		228,000	254,000
Water/Wastewater Fund			39,000		342,000	381,000
Total			**65,000**		**570,000**	**635,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW2001**
Project Name **Turnberry Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 5
Time-Line: FY21-FY22
Status Active
Total Project Cost: **$647,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1989 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Associates, Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2021; construction in Fiscal 2022.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design			67,000		580,000	647,000
Total			**67,000**		**580,000**	**647,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve			26,800		232,000	258,800
Water/Wastewater Fund			40,200		348,000	388,200
Total			**67,000**		**580,000**	**647,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW2100**
Project Name **Heatherfield Pump Station Replacement**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 5

Time-Line: FY22
Status Active

Total Project Cost: **$69,000**

Description

This project calls for replacement of the Smith & Loveless package pumping station installed in 1985 in order to handle development in the area, as well as completely rehabilitate the wet well side of the pump station using a poly-triplex system liner. The station has exceeded its life expectancy of 20-25 years and is in need of a capacity upgrade to handle anticipated growth in the basin. Estimates provided by Pennoni Assovciates, Consulting.

Justification

Replace the aged station with a completely new station to prevent the need for costly unbudgeted repairs to maintain operation, thus reducing pump failure resulting in a sewage spill into waterway or backup in a residence. Due to the age of the station, certain parts are no longer obtainable and replacement of equipment is costly. Design and bid in Fiscal 2022; construction in Fiscal 2026.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design				69,000		69,000
Total				**69,000**		**69,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Impact Fee Reserve				27,600		27,600
Water/Wastewater Fund				41,400		41,400
Total				**69,000**		**69,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Wastewater Management
Contact Public Works Director

Project # **WW2206**
Project Name **Lepore Road Sanitary Sewer Upgrade**

Type Improvement
Useful Life 90+ years
Category Water/Wastewater

New Project: Yes
Account Number: 417-6900-569.40-31
Priority 6 --

Time-Line: FY22
Status Active

Total Project Cost: **$33,100**

Description

This project calls for the replacement of approximately 374 linear feet of 8-inch gravity sewer main. Currently, the sewer main operates in a reverse slope condition, which overloads the pipe. The proposed upgrade will provide slope and adequate capacity for current flow to be carried to discharge. Estimates provided by Pennoni Associates, Consulting Engineer.

Justification

This project will allow for proper capacity and slope to handle the current flow. Delaying or eliminating this project could result in overflow of wastewater material. Design in FY 2022; construction will be scheduled for FY 2024.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design					33,100	33,100
Total					**33,100**	**33,100**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund					33,100	33,100
Total					**33,100**	**33,100**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Clean Water State Revolving Fund Loan.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **WD1800**

Project Name **Meter Replacement Program**

Department Water Management
Contact Public Works Director
Type Improvement
Useful Life 20 years
Category Water/Wastewater
Priority n/a
Status Active
Total Project Cost: **$1,147,300**

New Project: Yes
Account Number: 417-6800-568.40-25
Time-Line: FY18-FY22

Description

This project will be an ongoing project to replace our aged water meters in the system. A portion of water meters will be replaced each year. A majority of the water meters have exceeded their life expectancy of 15-20 years. The industry standard is to replace 20% of the meter inventory for five years. The City will benefit from this project by having a more efficient system which will recover maximum revenue to the water utility. Additionally, expenses of maintaining, stocking and operating the out dated meters are greatly reduced.

Justification

This project will provide the City of Dover with accurate readings of our water users, thus creating accurate revenue from the customers. Delaying or eliminating this project would result in the age of the water meters increasing, and consequently the meters will not read the correct volume of water being consumed. Additionally, older water meters typically require more maintenance.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	216,100	222,500	229,200	236,100	243,400	1,147,300
Total	**216,100**	**222,500**	**229,200**	**236,100**	**243,400**	**1,147,300**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	216,100	222,500	229,200	236,100	243,400	1,147,300
Total	**216,100**	**222,500**	**229,200**	**236,100**	**243,400**	**1,147,300**

Budget Impact/Other

Over time, the capabilities of a water meter to read accurate volumes of water deteriorates, typically registering less water than actually being consumed. With installation of new meters, accurate readings will increase the actual revenue from this utility.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1801**
Project Name **Wellhead Redevelopment Program**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater
Priority 1
Status Active

New Project: No
Account Number: 417-6800-568.40-31
Time-Line: FY18-FY22
Total Project Cost: **$430,000**

Description

This project will provide for rehabilitation and repair of each deep wellhead in an effort to maintain operations and/or increase/maintain the yield of each well as it relates to the permitted allocation. FY 2008; total well inspection and testing performed. FY 2009: Motors at Wells #6A and #9 were rebuilt, and wells #13R and #15 were redeveloped. FY 2010: Well #10. FY 2011: Well #4 redevelopment and well piping improvements at various well locations, as well as continued well testing. FY 2012: Well #1 redevelopment. FY2013: complete repair of Well #10. FY2014: complete repair of well #14. FY2015 inspected: 2, 3, 11, 13R, 15, PW2 & PW4B. FY 2016 inspected: 4, 6, 8R, 9, 10, PW6A & PW8A. FY 2017 scheduled to be inspected: 1, 10 & 4B. FY 2018 tentative schedule: 7, PW6A, 14, PW5.

Justification

The well screening and gravel pack requires cleaning over time due to a buildup of mineral deposits and foreign materials such as clay and silt. This maintenance effort is critical to ensure that production can continue to meet demand. It is also necessary to maintain the operational aspects of each well and provide repairs as needed to minimize downtime to maintain system capacity. Delaying or eliminating this project would result in the continued deterioration of the well screen, gravel pack, and well yield over time. It would also result in increased well downtime, emergency repairs, and decreased capacity. These issues can lead to increased flow pattern changes and water quality concerns.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	55,000	90,000	92,500	95,000	97,500	430,000
Total	**55,000**	**90,000**	**92,500**	**95,000**	**97,500**	**430,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	55,000	90,000	92,500	95,000	97,500	430,000
Total	**55,000**	**90,000**	**92,500**	**95,000**	**97,500**	**430,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WD1901**
Project Name **Futrure Well Installation**

Type Improvement
Useful Life 100
Category Water/Wastewater

New Project: Yes
Account Number: 417-6800-568.40-31
Priority 5

Time-Line: FY19-FY20
Status Active

Total Project Cost: **$1,270,000**

Description

The proposed project, identified by staff will drill a new well to increase production capacity for the water distribution system. Estimates provided by AECOM Corp., Consulting Engineer.

Justification

To meet increased water demand and fire suppression requirements. Delaying or eliminating this project would result in the continued reduction in our production capabilities under our permitted allocation, as well as limiting the City's growth. Initial planning was conducted in FY16, design scheduled for FY17 and construction in both FY19 and FY20.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		635,000	635,000			1,270,000
Total		**635,000**	**635,000**			**1,270,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund		635,000	635,000			1,270,000
Total		**635,000**	**635,000**			**1,270,000**

Budget Impact/Other

Electrical costs will increase in the Operations Budget

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **WD2005**

Project Name **Denneys Road 1.0 MG Elevated Water Storage Tank**

New Project: Yes

Account Number: 417-6800-568.40-31

Time-Line: FY20, FY22-FY23

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 100

Category Water/Wastewater

Priority 5

Status Active

Total Project Cost: **$3,074,000**

Description

The proposed project, identified by staff and confirmed by the 2004 Water Master Plan Update, will construct a new 1.0 million gallon elevated storage tank within the distribution system. The City has a pending memorandum of understanding with the property owners of Stonebrook East to construct the tank on their property.

Justification

This project was determined necessary by the 2004 Water Mater Plan update in order to meet future storage volume requirements based upon demands and to aid in reducing low pressure areas and enhance fire suppression capability. The design and land purchase is scheduled for FY20 and construction is scheduled to begin in FY22 and conclude in FY23.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Planning/Design			50,000			50,000	1,495,000
Land Acquisition			34,000			34,000	Total
Construction/Maintenance					1,495,000	1,495,000	
Total			**84,000**		**1,495,000**	**1,579,000**	

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Water/Wastewater Fund			84,000		1,495,000	1,579,000	1,495,000
Total			**84,000**		**1,495,000**	**1,579,000**	Total

Budget Impact/Other

Electrical costs will increase in the Operations Budget

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WQ1801**
Project Name **Water Quality Improvements**

Type Improvement
Useful Life 90+ years
Category Water/Wastewater

New Project: No
Account Number: 417-6800-568.40-31
Priority 2

Time-Line: FY18-FY22
Status Active

Total Project Cost: **$425,000**

Description

This project was first identified by staff and the 2006 Water Master Plan Update, and has since become further refined with the FY 2006 Water Quality Evaluation. Projects to be included under this category primarily consist of replacement or relining of old unlined cast iron water main within the City's water distribution system; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collection has produced a Water Main Rehabilitation Priority List, based on several criteria to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Between FY 2008 and FY 2010, the deep well contact chambers were designed and installed. Between FY 2008 and FY 2011 the water mains that were replaced include, Washington Street, Pennsylvania Avenue, South Street, Pear Street, West Street, Hazel Road, Maryland Avenue, American Avenue, Bayard Avenue, Greenhill Avenue, Bayard Avenue Alley and Loockerman Street. Operational efforts, such as flushing, will continue to occur on a routine basis. FY 2012 improvements include, N. Pennsylvania Ave., American Ave. Ext., Madison St., Rodney Rd., New Street, Ross Street and Bradford Street (near Wesley College). FY 2013 improvements included North Street. As part of the Water Main Rehabilitation Priority List, water lines were identified throughout the City that requires replacement/relining. FY 2017 planned roads include: New Street (Water St. to Loockerman), Bradford Street (Loockerman St. to Division St.) and William Street (Pear St. to State St.). FY 2018 scheduled roads are the following:

-WQ1801 - Bradford Street (Loockerman Street to Division Street) - $425,000
-WQ1802 - William Street (Pear Street to State Street) - $621,000

Justification

Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2006 Water Master Plan Update, and the FY 2006 Water Quality Evaluation. Delaying or eliminating this project will prolong customer dissatisfaction and further erode confidence in the City's water supply. In addition, main rehabilitation and replacement, ensuring pipes do not significantly exceed the expected life cycle, is critical to provide a reliable supply of water for our customers and for fire suppression. Water leaks and breaks on older lines can have a significant impact on our ability to serve over time. Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous	425,000					425,000
Total	**425,000**					**425,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	425,000					425,000
Total	**425,000**					**425,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **WQ1802**

Project Name **Water Quality Improvements**

New Project: No

Account Number: 417-6800-568.40-31

Time-Line: FY18-FY22

Department Water Management

Contact Public Works Director

Type Improvement

Useful Life 90+ years

Category Water/Wastewater

Priority 2

Status Active

Total Project Cost: **$3,876,700**

Description

This project was first identified by staff and the 2006 Water Master Plan Update, and has since become further refined with the FY 2006 Water Quality Evaluation. Projects to be included under this category primarily consist of replacement or relining of old unlined cast iron water main within the City's water distribution system; system upgrades to improve system control; and utilization of a consultant to provide additional design and evaluation services, as needed. Recent research and data collection has produced a Water Main Rehabilitation Priority List, based on several criteria to identify water mains that are in need of replacement or relining. Pipes will be upgraded according to the severity of the pipe condition, as well as coordination with the City of Dover's Public Services Street Rehabilitation Program. Between FY 2008 and FY 2010, the deep well contact chambers were designed and installed. Between FY 2008 and FY 2011 the water mains that were replaced include, Washington Street, Pennsylvania Avenue, South Street, Pear Street, West Street, Hazel Road, Maryland Avenue, American Avenue, Bayard Avenue, Greenhill Avenue, Bayard Avenue Alley and Loockerman Street. Operational efforts, such as flushing, will continue to occur on a routine basis. FY 2012 improvements include, N. Pennsylvania Ave., American Ave. Ext., Madison St., Rodney Rd., New Street, Ross Street and Bradford Street (near Wesley College). FY 2013 improvements included North Street. As part of the Water Main Rehabilitation Priority List, water lines were identified throughout the City that requires replacement/relining. FY 2017 planned roads include: New Street (Water St. to Loockerman), Bradford Street (Loockerman St. to Division St.) and William Street (Pear St. to State St.). FY 2018 scheduled road is North State Street and portions of West Street West Alley (Walker Road to William Street).

-WQ1801 - Bradford Street (Loockerman Street to Division Street) - $425,000
-WQ1802 - William Street (Pear Street to State Street) - $621,000

Justification

Water quality complaints have eroded consumer confidence in the City's water supply as the water is perceived to be aesthetically unpleasant. In order to reduce complaints and potentially alleviate this problem, it is necessary to implement the improvements identified by staff, the 2006 Water Master Plan Update, and the FY 2006 Water Quality Evaluation. Delaying or eliminating this project will prolong customer dissatisfaction and further erode confidence in the City's water supply. In addition, main rehabilitation and replacement, ensuring pipes do not significantly exceed the expected life cycle, is critical to provide a reliable supply of water for our customers and for fire suppression. Water leaks and breaks on older lines can have a significant impact on our ability to serve over time. Addressing the brown water and associated water quality concerns of the City's water system will not only require capital improvements to the system but also operational changes. Some operation changes will result in no net effect on the operating budget, while others will need to be addressed in the development of future operating budgets. Such items include tools and supplies necessary to improve system sampling and monitoring as well as tools and supplies necessary to improve system-wide flushing operations.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Miscellaneous	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700
Total	**621,000**	**219,500**	**863,200**	**1,002,000**	**1,171,000**	**3,876,700**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	621,000	219,500	863,200	1,002,000	1,171,000	3,876,700
Total	**621,000**	**219,500**	**863,200**	**1,002,000**	**1,171,000**	**3,876,700**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Water Management
Contact Public Works Director

Project # **WQ1803**
Project Name **Miscellaneous Emergency Water Repairs**

Type Improvement
Useful Life 50-80
Category Water/Wastewater

New Project: Yes
Account Number: 417-6800-568.40-31
Priority 3

Time-Line: FY18-FY22
Status Active

Total Project Cost: **$455,000**

Description

This project will repair failing water infrastructure. The work will focus on emergency repair situations on City owned infrastructure. No specific locations for this work have been identified.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	85,000	88,000	91,000	94,000	97,000	455,000
Total	**85,000**	**88,000**	**91,000**	**94,000**	**97,000**	**455,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	85,000	88,000	91,000	94,000	97,000	455,000
Total	**85,000**	**88,000**	**91,000**	**94,000**	**97,000**	**455,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Water Treatment Plant
Contact Public Utilities Director

Project # **WD1902**
Project Name **Water Treatment Plant Process Improvements**

Type Improvement
Useful Life 20-25 years
Category Water/Wastewater

New Project: Yes
Account Number: 417-7600-576.40-31
Priority 4

Time-Line: FY18
Status Active

Total Project Cost: **$2,770,000**

Description

This project, identified in the 2006 Water Master Plan Update, proposes process improvements to the existing Water Treatment Plant. Due to limitations with the Ozone Contactors, the capacity at the Water Treatment Plant is not producing 5.0 million gallons per day, as originally designed. A consultant was secured to determine the best means and improvements necessary to rehabilitate the infrastructure. The design of the improvements will change the treatment system and have an output of 3.0 million gallons per day; construction to begin in Fiscal Year 2018 and scheduled to complete in Fiscal Year 2019.

Estimates provided by AECOM, Corp., Consulting Engineer.

Justification

This project is necessary to address failing or deteriorated infrastructure in the City. If these repairs are not conducted, significant impacts to property, life and environment could arise. Delaying these repairs could result in road failure, sink holes and environmental impacts.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,300,000	1,470,000			2,770,000
Total		**1,300,000**	**1,470,000**			**2,770,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund		1,300,000	1,470,000			2,770,000
Total		**1,300,000**	**1,470,000**			**2,770,000**

Budget Impact/Other

The construction phase of this project has a potential to be funded by a Drinking Water State Revolving Fund Loan.

Electric Fund

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Developer Contribution	620,000	620,000	620,000	620,000	620,000	*3,100,000*
Electric I & E Fund	2,882,200					*2,882,200*
Electric Revenue	2,989,300	6,384,900	3,214,000	2,990,000	2,610,000	*18,188,200*
Future Capacity Reserve Fund			6,000,000			*6,000,000*
General Fund		237,000	239,800			*476,800*
Water/Wastewater Fund		263,000	266,200			*529,200*
GRAND TOTAL	**6,491,500**	**7,504,900**	**10,340,000**	**3,610,000**	**3,230,000**	***31,176,400***

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Admin								
Refrig Piping & Thermostat Wire for Heat Pumps	*EE1818*	1	8,500					*8,500*
Reed Street HVAC Major Overhaul	*EE1819*	1		1,175,200				*1,175,200*
Electric Admin Total			**8,500**	**1,175,200**				***1,183,700***
Electric Engineering								
Townpoint Development ~ Distribution Feeders	*EE1513*	1	350,000	350,000	350,000	350,000		*1,400,000*
Garrision Oak / Sun Park Substation	*EE1801*	5	50,000		6,000,000			*6,050,000*
Ann Avenue Underground Upgrade	*EE1802*	2	133,000					*133,000*
Beechwood Avenue Underground Upgrade	*EE1803*	3	83,000					*83,000*
Advanced Metering Infrastructure (AMI)	*EE1804*	1	150,000	1,300,000	1,300,000	1,300,000	1,300,000	*5,350,000*
Manor Drive Upgrades	*EE1805*	3	51,000					*51,000*
Hirsch Industries Upgrades	*EE1806*	3	59,000					*59,000*
McKee Run Plant Alternate Power	*EE1807*	1	100,000					*100,000*
North Street Substation Sewer Repair	*EE1808*	2	50,000					*50,000*
Fiber Mapping	*EE1809*	2	69,000					*69,000*
Fault Indicators	*EE1810*	2	10,000	10,000	10,000			*30,000*
Transmission Line Maintenance Program	*EE1814*	2	50,000	50,000	50,000	50,000		*200,000*
Lighting Project and Rehabilitation	*EE1815*	1	100,000	50,000	50,000	50,000		*250,000*
Distribution Capacitors and Controls	*EE1816*	2	35,000	35,000	35,000	35,000		*140,000*
Ampacity Standardization	*EE1817*	2	25,000	25,000	25,000	25,000		*100,000*
System Operations Voice Recorder	*EE1900*	1		18,000				*18,000*
Farmview Underground Upgrade	*EE1901*	2		113,000				*113,000*
The Greens Underground Upgrade	*EE1902*	3		92,000				*92,000*
Derby Estates Upgrade	*EE1903*	1		130,000				*130,000*
69 kV Cable Replacement North Street	*EE1904*	1		480,700				*480,700*
Substation Relay Upgrade	*EE1905*	2		150,000	75,000			*225,000*
College Road Consolidation	*EE1906*	6		120,000				*120,000*
System Automation	*EE1907*	4		150,000	150,000	150,000	150,000	*600,000*
Distribution Upgrades	*EE1908*	1		250,000	250,000	250,000	600,000	*1,350,000*
Electric Engineering Total			**1,315,000**	**3,323,700**	**8,295,000**	**2,210,000**	**2,050,000**	***17,193,700***
Electric T & D								
Meter Test Bench Replacement	*EE 1811*	1	40,000					*40,000*
ABB Switchgear Replacement	*EE1812*	1	450,000					*450,000*
New Developments	*EE1813*	1	850,000	850,000	850,000	850,000	850,000	*4,250,000*
Electric T & D Total			**1,340,000**	**850,000**	**850,000**	**850,000**	**850,000**	***4,740,000***
Finance								
Enterprise Resource Planning (ERP) Solution	*FN1701*	1	1,500,000	500,000	506,000			*2,506,000*
Finance Total			**1,500,000**	**500,000**	**506,000**			***2,506,000***
Power Plant								

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Van Sant Unit 11 Major Overhaul	*EG1701*	1	1,548,000	150,000				*1,698,000*
McKee Run Unit #3 Boiler Systems	*EG1702*	1	100,000	299,000	80,000	235,000	175,000	*889,000*
McKee Run Unit 3 Auxiliary System Components	*EG1707*	2	100,000	277,000	213,000	55,000	65,000	*710,000*
McKee Run Building Equipment Replacement	*EG1800*	8	20,000	27,000	66,000	45,000	50,000	*208,000*
Plant Systems Safety & Compliance Improvements	*EG1801*	6	70,000	140,000				*210,000*
McKee Run & VanSant - Preservation of Structures	*EG1802*	9	55,000	100,000	125,000	125,000		*405,000*
VanSant Fire Suppression System Upgrade	*EG1803*	3	235,000					*235,000*
Unit #3 Fast Start Upgrade (Accelerated Startup)	*EG1804*	7	200,000					*200,000*
Unit #3 Large Equipment Inventory	*EG1900*	1		170,000	110,000			*280,000*
Van Sant Unit 11 Component Replacements	*EG1901*	1		55,000	70,000	90,000	40,000	*255,000*
McKee Run Unit 3 Turbine Repairs Intercept Valves	*EG1902*	2		438,000	25,000			*463,000*
Power Plant Total			**2,328,000**	**1,656,000**	**689,000**	**550,000**	**330,000**	***5,553,000***
GRAND TOTAL			**6,491,500**	**7,504,900**	**10,340,000**	**3,610,000**	**3,230,000**	***31,176,400***

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1818**

Project Name **Refrig Piping & Thermostat Wire for Heat Pumps**

Department Electric Admin
Contact Electric Director
Type Maintenance
Useful Life Unknown
Category Electric
Priority 1
Status Active
Total Project Cost: **$8,500**

New Project: Yes
Account Number: 487-8400-564.40-31
Time-Line: FY18

Description

Replace refrigerant piping and thermostat wire for heat pumps at Electric Administration, 860 Buttner Place.

Justification

Ongoing failures resulting in multiple "BandAid" repairs resulting in significant bills impacting the operating budget.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	8,500					8,500
Total	**8,500**					**8,500**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	8,500					8,500
Total	**8,500**					**8,500**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Admin
Contact

Project # **EE1819**
Project Name **Reed Street HVAC Major Overhaul**

Type Improvement
Useful Life Unknown
Category Electric

New Project: Yes
Account Number: 487-8400-564.40-31
Priority 1

Time-Line: FY18
Status Active

Total Project Cost: **$1,175,200**

Description

The failing HVAC system at Reed Street will need a major overhaul. We are waiting on firm estimates as of 2.15.2017

Justification

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		1,175,200				1,175,200
Total		**1,175,200**				**1,175,200**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		1,175,200				1,175,200
Total		**1,175,200**				**1,175,200**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1513**
Project Name **Townpoint Development ~ Distribution Feeders**

Type Improvement
Useful Life 20-25 years
Category Electric
Priority 1
Status Active

New Project: Yes
Account Number: 487-8300-563.90-25
Time-Line: Multi-year

Total Project Cost: **$2,350,000**

Description

FY17 - This project will continue to remove troublesome overhead distribution wiring and replace with underground installations. Current plan is broken into 4 phases dependent on rate structure of boring, electrician services and landscaping fees and was initially approved for a four year completion. Due to changes in prices, this request will be for a funding out to 2021 at the same $350,000 per year allocated. Current activity has completed 75% of the first of five phases planned across the next five years (FY17-21). Phases will be completed as funding dictates during the associated FY accounting for contractor costs and associated expenses.

FY16 - This project involves the systemic replacement of overhead lines with underground lines. Whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

Justification

FY17 - The conversion from overhead to underground will improve reliability and stability of electric service to the residents of the subdivision.

FY16 - The number of storm and tree-related outages has been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
950,000	Construction/Maintenance	350,000	350,000	350,000	350,000		1,400,000
Total	**Total**	**350,000**	**350,000**	**350,000**	**350,000**		**1,400,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
950,000	Electric Revenue	350,000	350,000	350,000	350,000		1,400,000
Total	**Total**	**350,000**	**350,000**	**350,000**	**350,000**		**1,400,000**

Budget Impact/Other

FY17 - Previously approved for $1,350,000 over 4 years starting FY2015 ($250,000/$350,000/$350,000/$350,000) with approximately $600,000 spent on initial installation and phased in progress through the development. This request would extend initial request from 4 years to 7 years for an additional $1,050,000 in funding from FY 2019-2021.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1801**

Project Name **Garrision Oak / Sun Park Substation**

New Project: Yes

Account Number: 487-8300-563.70-60

Time-Line: FY18-FY20

Department Electric Engineering

Contact Electric Director

Type Equipment

Useful Life 30 Years

Category Electric

Priority 5

Status Active

Total Project Cost: **$6,050,000**

Description

FY18 - Requested funding for initial planning and engineering for design and construction of a new electric substation located at Garrison Oak Park. Amount includes $50,000 for engineering service and associated costs with design and estimation of layout and capabilities of new substation.

Justification

FY18 - As occupancy of Garrison Oak Technology Park increases, the amount of power drawn will exceed the capabilities of the current City of Dover Transmission and Distribution system. We currently have 2 megawatts of reserve power for contingency situations for Calpine and we estimate approximately 500 to 2000 kilowatts of demand per lot. This additional load will not be attainable without a new substation to dedicate to the park and allow distribution to a limited amount of customers outside the park in residential areas.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design	50,000					50,000
Construction/Maintenance			6,000,000			6,000,000
Total	**50,000**		**6,000,000**			**6,050,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	50,000					50,000
Future Capacity Reserve Fund			6,000,000			6,000,000
Total	**50,000**		**6,000,000**			**6,050,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1802**
Project Name **Ann Avenue Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 2

Time-Line: FY18
Status Active

Total Project Cost: **$133,000**

Description

Replace the original underground primary cabling in the Ann Avenue Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

FY17 Increase from $126,000 to $133,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	133,000					133,000
Total	**133,000**					**133,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	133,000					133,000
Total	**133,000**					**133,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1803**

Project Name **Beechwood Avenue Underground Upgrade**

New Project: Yes

Account Number: 487-8300-563.40-31

Time-Line: FY18

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 3

Status Active

Total Project Cost: **$83,000**

Description

Replace the original underground primary cabling in the Beechwood Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

FY17 Increase from $80,000 to $83,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	83,000					83,000
Total	**83,000**					**83,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	83,000					83,000
Total	**83,000**					**83,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1804**

Project Name **Advanced Metering Infrastructure (AMI)**

New Project: Yes

Account Number: 487-8300-563.60.46

Time-Line: FY18-FY23

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$6,650,000**

Description

Design and installation of an advanced metering infrastructure encompassing both electric and water meters throughout the city.

Justification

This system will give the city the ability to read and totalize billing for primary billed customers. It would also eliminate on-site reconnects and disconnects which would reduce wear and tear on vehicles and reduce overtime by allowing these actions to be accomplished using a computer terminal. This system also allows quicker identification of outages, manage peak loads, give better ability to regulate voltages in the system, predictive outage management vs. reactive and load control and rate adjustment data. This system could also save revenues due to better theft protection and when fully implemented drastically reduce the reading time of the 109 total routes driven by the meter readers. Existing meter readers would be utilized in more of a maintenance function to respond to any outages or failures in the system when fully implemented. Project will continue through 2023.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Construction/Maintenance	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	1,300,000
Total	**150,000**	**1,300,000**	**1,300,000**	**1,300,000**	**1,300,000**	**5,350,000**	**Total**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total	Future
Electric Revenue	150,000	1,300,000	1,300,000	1,300,000	1,300,000	5,350,000	1,300,000
Total	**150,000**	**1,300,000**	**1,300,000**	**1,300,000**	**1,300,000**	**5,350,000**	**Total**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1805**

Project Name **Manor Drive Upgrades**

Department Electric Engineering
Contact Electric Director
Type Improvement
Useful Life 20-30 years
Category Electric
Priority 3
Status Active
Total Project Cost: **$51,000**

New Project: Yes
Account Number: 487-8300-563.90-25
Time-Line: FY18

Description

Replacement of antiquated underground power cables, damaged transformer pads and live front transformers on Manor Drive.

Justification

Infrastructure was installed in the 1970s and is reaching the end of its serviceable life expectancy. Additionally, live front transformers are installed in the area and aside from the age of the equipment, these transformers pose a safety hazard to maintenance personnel.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	51,000					51,000
Total	**51,000**					**51,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	51,000					51,000
Total	**51,000**					**51,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1806**

Project Name **Hirsch Industries Upgrades**

New Project: Yes

Account Number: 487-8300-563.90-25

Time-Line: FY18

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20 years

Category Electric

Priority 3

Status Active

Total Project Cost: **$59,000**

Description

Replacement of antiquated underground power cables and switchgear supplying power to Hirsch Industries.

Justification

Presently installed equipment has reached the end of its life expectancy. Additionally, there has been a recent issue with the old metering cabinet installed on the property that leads us to believe replacement is the best course of action. This will be done in conjunction with direct buried cable, switchgear and concrete work to restore areas we will need to excavate.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	59,000					59,000
Total	**59,000**					**59,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	59,000					59,000
Total	**59,000**					**59,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1807**
Project Name **McKee Run Plant Alternate Power**

Type Maintenance
Useful Life 20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.90-25
Priority 1

Time-Line: FY18
Status Active

Total Project Cost: **$100,000**

Description

Re-design of the McKee Run plant 22 kV bus work to provide an alternate power source for unit 3.

Justification

Current configuration of the substation yard adjacent to the McKee Run plant does not facilitate an alternate source of power to the plant. Should a failure occur, as it did August 2nd 2016, the plant will lose house power and power to the substation. This condition does not allow any control of the protection circuitry and prevents the plant from supplying power to the generator. During mandated run days, this would result in an unplanned outage and could result in penalties from PJM for failure to provide contracted power.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	100,000					100,000
Total	**100,000**					**100,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	100,000					100,000
Total	**100,000**					**100,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1808**

Project Name **North Street Substation Sewer Repair**

New Project: Yes

Time-Line: FY18

Account Number: 487-8300-563.90-25

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$50,000**

Description

Repair of the North Street Substation sewer lateral providing sewer service to the North Street and General Scott substation yard.

Justification

The sewer lateral under the North Street Substation building has collapsed and is in need of repair. Given the current condition of the lateral, fluid collects in the collapsed line and does not allow the complete evacuation of sewer gasses. This not only causes a bad odor in the substation but the collection of methane gas could cause a hazard with the operation of electrical equipment in the building.

Estimates were requested by the list of contractors provided by Public Works and they ranged from $25,000 to $50,000. Amount of $50,000 requested would be a high end estimate and a bidding process would be accomplished to select the lowest bidder.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	50,000					50,000
Total	**50,000**					**50,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	50,000					50,000
Total	**50,000**					**50,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1809**

Project Name **Fiber Mapping**

New Project: Yes

Time-Line: FY18

Account Number: 487-8300-563.60-64

Department Electric Engineering

Contact Electric Director

Type Technology

Useful Life Ongoing Updates

Category Electric

Priority 2

Status Active

Total Project Cost: **$69,000**

Description

Utilize current fiber contractor to perform a 100% inventory and mapping of the city's fiber system.

Justification

During recent projects involving fiber and the growth of dark fiber leases to outside sources, certain areas of the City's fiber network are becoming congested. There has not been an accurate oversight and evaluation of the fiber system in many years and there have been many discrepancies discovered in our drawings. Due to increasing regulatory requirements from compliance and governing agencies, the ability to use and forecast additions to the fiber infrastructure are critical. This project will allow us to determine our limitations and capabilities and to develop expansion plans in the future.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	69,000					69,000
Total	**69,000**					**69,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	69,000					69,000
Total	**69,000**					**69,000**

Budget Impact/Other

Expense type. Not an asset.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1810**

Project Name **Fault Indicators**

New Project: Yes

Time-Line: FY16-FY20

Account Number: 487-8300-563.90-25

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$40,000**

Description

Replacing fault indicators for overhead and underground primaries.

Justification

Aids in restoring power during an outage and finding the causes of said outages.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
10,000	Construction/Maintenance	10,000	10,000	10,000			30,000
Total	**Total**	**10,000**	**10,000**	**10,000**			**30,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
10,000	Electric Revenue	10,000	10,000	10,000			30,000
Total	**Total**	**10,000**	**10,000**	**10,000**			**30,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EE1814

Project Name Transmission Line Maintenance Program

New Project: No

Account Number: 487-8300-563.70-35

Time-Line: On Going Maint.

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 20-25 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$275,000**

Description

FY17 Note – While there has been no major maintenance required this FY due to higher priority projects, this funding can be critical to restoration of power due to storm loss or catastrophic component failure. Certain areas have 795 ASCR cable in overhead applications and have one wire per phase. Unit of issue for the wire is by the spool and each spool is 3,470 feet so to replace 3 phases of 795 cable across 3,470 feet would cost approximately $18,600 not including associated hardware.

FY16 - Replace aging porcelain insulators and related components on the transmission system with new polymer insulators and components.

Justification

IInsulators have a defined equipment life due to sun and weather conditions breaking down the porcelain and base bonding cement. Insulators installed in 1960's and 1970's are due for replacement because of this deterioration. We have experienced several transmission outages due to insulator failure. Replacing the insulators should extend the life an additional 30 years.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Outages may occur if insulators are not replaced and fail due to deterioration.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
75,000	Construction/Maintenance	50,000	50,000	50,000	50,000		200,000
Total	**Total**	**50,000**	**50,000**	**50,000**	**50,000**		**200,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
75,000	Electric Revenue	50,000	50,000	50,000	50,000		200,000
Total	**Total**	**50,000**	**50,000**	**50,000**	**50,000**		**200,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EE1815

Project Name Lighting Project and Rehabilitation

New Project: No

Account Number: 487-8300-563.50-76

Time-Line: Continuous

Department Electric Engineering

Contact Electric Director

Type Maintenance

Useful Life 10-12 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$300,000**

Description

FY17 - Continual replacement of existing lighting and upgrade of lighting to more energy efficient LED lights. There were 25 lights on RT 13 that were converted to LED. Coordinating with Dover Police Department to install LEDs in several alleys to provide better lighting for residents and emergency responders.

FY16 -This fund was developed to replace and repair existing street lights or install new lights upon customer request.

COMMENTS: This fund will remain active as long as there are improvements to be made. Private area lighting requests are a source of revenue for the City. Areas completed are White Oak Apartments, Westfield, Fairview, Cranberry Run, Millcreek, Independence Village and Governors Avenue (South 100 Block), Deerfield, Central Middle School, Fox Hall, Hidden Oaks, a portion of North Governors Ave, The Meadows, Turnberry, Baltray,
Bicentennial, The Overlook and Woodcrest. Areas to be completed this budget year include Old Mill Acres and Eagles Nest.

Justification

FY17 -radual conversion of existing lights to LED lights will provide a longer useful life and reduce replacement costs as well as monthly electric consumption for the City.

FY16 - The Electric Division receives numerous requests for lighting improvements. These requests are due to the lights aging, and as they age they put out less light and become unreliable. There are many developments that are in need of street light improvements. This fund would also provide funding for new private security light requests.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Constant complaints of poor street lighting and multiple failures due to antiquated lights.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Construction/Maintenance	100,000	50,000	50,000	50,000		250,000
Total	**Total**	**100,000**	**50,000**	**50,000**	**50,000**		**250,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Electric Revenue	100,000	50,000	50,000	50,000		250,000
Total	**Total**	**100,000**	**50,000**	**50,000**	**50,000**		**250,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1816**

Project Name **Distribution Capacitors and Controls**

New Project: No

Account Number: 487-8300-563.60-82

Time-Line: Continuous

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$190,000**

Description

Install distribution capacitors throughout the system to correct poor power factor on distribution circuits. Install capacitor controllers capable of two-way communication to provide real-time monitoring and remote control operation. These controllers will be capable of switching the capacitors on and off to comply with system requirements. This project will also replace outdated substation equipment, capable of advanced metering such as power factor and harmonics to further analyze system performance remotely. Lastly, distribution line recorders will be purchased and installed to provide power factor recordings to fine tune this operation.

COMMENTS: The required substation equipment installation will be completed in two phases. FY2016 will upgrade the required communication equipment installed 20 years ago. FY2017 will install equipment capable of extracting system data, for enhanced performance analyzing. The completion of these two phases will ultimately reduce engineering time and costs because of remote access to all substations. In addition to this advanced metering, event report extraction and analysis, relay settings review and installation, and advancements to our 24 hour system operation center will be also be realized. FY2016 -FY2020 will be the addition of capacitor banks and controllers into the distribution system.

Justification

Additional capacitance is required in order to meet system power factor requirements at the Delmarva Power and Light interchange point. This was substantiated through a load-flow study conducted by Shaw in early 2004 and distribution study by Wilson & Wilson in 2006. The current capacitor controls are not providing the granularity required to turn them off and on as required to meet both the power quality requirements of our customers and DP&L requirements. Additional controls are required to fine tune the systems operation.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Without the additional capacitor banks and more importantly controls, the City may experience a low/high voltage problem at the customer level and/or the possibility of having to pay power factor penalties to Delmarva Power and Light.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Construction/Maintenance	35,000	35,000	35,000	35,000		140,000
Total	**Total**	**35,000**	**35,000**	**35,000**	**35,000**		**140,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
50,000	Electric Revenue	35,000	35,000	35,000	35,000		140,000
Total	**Total**	**35,000**	**35,000**	**35,000**	**35,000**		**140,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EE1817

Project Name Ampacity Standardization

New Project: Yes

Account Number: 487-8300-563.40-31

Time-Line: FY17-FY21

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 15-20 years

Category Electric

Priority 2

Status Active

Total Project Cost: **$125,000**

Description

Standardize the primary overhead and underground distribution wiring to allow consistent ampacity throughout the City's feeders.

Justification

This project will replace segments of overhead and underground wiring to allow for a consistent ampacity rating throughout the City. Currently there are several sections of primary distribution wiring that lower the overall ampacity of the circuit which can hinder growth, cause equipment failure and cause outages due to increased demand. This project will be worked in conjunction with other projects to increase reliability and stability of the City's infrastructure.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
25,000	Construction/Maintenance	25,000	25,000	25,000	25,000		100,000
Total	**Total**	**25,000**	**25,000**	**25,000**	**25,000**		**100,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
25,000	Electric Revenue	25,000	25,000	25,000	25,000		100,000
Total	**Total**	**25,000**	**25,000**	**25,000**	**25,000**		**100,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1900**

Project Name **System Operations Voice Recorder**

Department Electric Engineering

Contact Electric Director

Type Equipment

Useful Life 5-10 years

Category Electric

New Project: Yes

Account Number: 487-8300-563.40-25

Priority 1

Time-Line: FY19

Status Active

Total Project Cost: **$18,000**

Description

Replace aging System Operations voice recorder

Justification

The voice recorder is used to tape all System Operations phone calls and radio traffic. These recordings contain switching schedule and outage radio traffic which may be required for litigation purposes.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings		18,000				18,000
Total		**18,000**				**18,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		18,000				18,000
Total		**18,000**				**18,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1901**
Project Name **Farmview Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 2

Time-Line: FY19
Status Active

Total Project Cost: **$113,000**

Description

Replace the original underground primary cabling in the Farmview Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

FY17 Increase from $110,000 to $113,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		113,000				113,000
Total		**113,000**				**113,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		113,000				113,000
Total		**113,000**				**113,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1902**
Project Name **The Greens Underground Upgrade**

Type Improvement
Useful Life 15-20 years
Category Electric

New Project: Yes
Account Number: 487-8300-563.40-31
Priority 3

Time-Line: FY19
Status Active

Total Project Cost: **$92,000**

Description

Replace the original underground primary cabling in the Greens Development and convert from direct bury to bored installation.

Justification

This project will replace the original direct buried primary cable and replace it with new cable installed by boring. The underground wiring and equipment has been in place for over 15 years and is direct buried. Utilizing boring the new cable will be placed in conduit and better protected from the elements and unintentional damage. The original cable also has an external neutral wrapped around the cable while the new cable has the neutral internal to the cable offering a more stable and dependable system to the customer.

FY17 Increase from $90,000 to $92,000 requested due to price increases for materials

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		92,000				92,000
Total		**92,000**				**92,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		92,000				92,000
Total		**92,000**				**92,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1903**

Project Name **Derby Estates Upgrade**

New Project: Yes

Time-Line: FY19

Account Number: 487-8300-563.40-31

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: **$130,000**

Description

Replace aging infrastructure that has been installed for 25 + years.

Justification

Current equipmetn and cable have been installed for over 25 years and have reached the end of their life expectancy. This will replace all pedestals, transformers and cables while also removing the old direct bury cable and replacing with conduit to provide increased protection and reliability of the equipment.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		130,000				130,000
Total		**130,000**				**130,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		130,000				130,000
Total		**130,000**				**130,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1904**

Project Name **69 kV Cable Replacement North Street**

New Project: No

Account Number: 487-8300-563.50-83

Time-Line: FY15-FY18

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 30+ years

Category Electric

Priority 1

Status Active

Total Project Cost: **$615,700**

Description

Replace the aging 69 KV underground cables from North Street switching yard to Kraft's and Proctor & Gamble's (customer owned) substations.

TIME-LINE/CURRENT STATUS: Engineering is scheduled for FY15/FY16 with completion in FY18.

COMMENTS: Proactively replacing cables that have reached their anticipated life.

Justification

Proctor & Gamble and Kraft are two (2) of the City of Dover's 69 KV customers and it is our obligation to provide them with adequate and reliable service. The cables were installed in 1973 and have had two repairs. The first repair was in 1986 and the second repair was in 1992.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Customer outages due to failing conductor. Additionally, the limited capacity of a single circuit could restrict the possible generation of NRG and the production of Proctor & Gamble and Kraft Foods. This project will take some time as the old cable is buried in concrete which will require rerouting.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
135,000	Construction/Maintenance		480,700				480,700
Total	**Total**		**480,700**				**480,700**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
135,000	Electric Revenue		480,700				480,700
Total	**Total**		**480,700**				**480,700**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric Engineering
Contact Electric Director

Project # **EE1905**
Project Name **Substation Relay Upgrade**

Type Improvement
Useful Life 25 - 30 years
Category Electric
Priority 2
Status Active

New Project: Yes
Account Number: 487-8300-563.40-31
Time-Line: FY17 - FY19

Total Project Cost: **$350,000**

Description

Replacement of selected relay components to standardize the entire COD system by converting to an all Schweitzer relaying and protection configuration. Replace out dated substation Relaying (protection) equipment and upgrade RTAC (Real-Time Automation Controller)

Justification

This upgrade will greatly improve the monitoring capabilities of the city's distribution system and add the capability of monitoring power factor at all substations. This upgrade will also help in analyzing the fault and determining the causes of outages and anomalies. It will also improve the system reliability with the upgrade to the RTAC by providing more dependable and real time monitoring of the COD power grid through the SCADA system.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
125,000	Planning/Design		50,000				50,000
Total	Construction/Maintenance		100,000	75,000			175,000
	Total		**150,000**	**75,000**			**225,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
125,000	Electric Revenue		150,000	75,000			225,000
Total	**Total**		**150,000**	**75,000**			**225,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1906**

Project Name **College Road Consolidation**

New Project: Yes

Time-Line: FY18

Account Number: 487-8300-563.40-31

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 25 - 30 years

Category Electric

Priority 6 --

Status Active

Total Project Cost: **$120,000**

Description

The high-side of the substation will be upgraded to include transmission line protection breakers.

Justification

This project will consolidate the College Road substation into one existing building instead of the current configuration taking up two buildings. The metal clad switchgear has eight distribution circuits breakers and all the distribution protection relays. All the 69kv transmission line protection relays are in the old College Road building, which is about 25 years old. We would like to move the 69kv transmission line protection relays in to the metal clad switchgear with all the other relays so we will have all the protection relays in one location. By keeping all the relays in one location, this will help us reduce the restoration time during an outage as well as cut down the maintenance cost by eliminating the extra building. Subsequent removal of the unused building will also allow for further expansion of the substation as required.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		60,000				60,000
Construction/Maintenance		60,000				60,000
Total		**120,000**				**120,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		120,000				120,000
Total		**120,000**				**120,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1907**

Project Name **System Automation**

New Project: Yes

Time-Line: FY18-FY21

Account Number: 487-8300-563.70-28

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 5-10 years

Category Electric

Priority 4

Status Active

Total Project Cost: **$600,000**

Description

Design, develop, and install a self-healing or "smart" distribution system.

Justification

This project will include an engineering study to be performed using a system model to develop a scheme that will allow the distribution system to be self-healing in the event of a fault. Following the study, automation equipment will be purchased to detect problems on the system, isolate the affected area, and reenergize lines not affected. This will improve the reliability of the city's local electric grid, minimize customer outages, and increase customer satisfaction.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Planning/Design		150,000	150,000	150,000	150,000	600,000
Total		**150,000**	**150,000**	**150,000**	**150,000**	**600,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		150,000	150,000	150,000	150,000	600,000
Total		**150,000**	**150,000**	**150,000**	**150,000**	**600,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1908**

Project Name **Distribution Upgrades**

New Project: No

Account Number: 487-8300-563.90-25

Time-Line: On Going Maint.

Department Electric Engineering

Contact Electric Director

Type Improvement

Useful Life 20-25 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$1,350,000**

Description

This project involves the systemic replacement of overhead lines with underground lines whenever services are being moved, wire is damaged, trees cause a high number of outages, or development is in progress, and when it is beneficial to the Utility to convert to underground. This can involve a single line section or an entire residential neighborhood. Annual outage records are reviewed and selected areas are scheduled for upgrade to underground service. Additionally, this program funds the replacement of existing underground conductors and equipment that have reached their useful life and have started failing and require replacement.

This account is used to upgrade any trouble areas during the year.

Justification

The number of storm and tree-related outages have been greatly reduced under this program and further improvements can be made to insure the most reliable electric service possible. Reliability has become one of most important factors to electric customers, second only to safety. The utility has responded by attempting to provide the most reliable system possible. Underground cable replacements are necessary as the useful, reliable, life of the original underground cable was 20-30 years. By proactively replacing this cable we will minimize outages and improve system reliability. In addition to cable replacement, overhead lines are replaced with underground to minimize outages caused by tree growth or animal contact. Lastly, overhead lines that have reached the end of their useful life are replaced with underground instead of rebuilding the overhead.

CONSEQUENCES OF DELAYING OR ELIMINATING THIS PROJECT: Continued outages lead to increased complaints from our customers and will lead to customer dissatisfaction. There will be increased costs for repairs made under outage conditions as well as loss of electric revenue.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		250,000	250,000	250,000	600,000	1,350,000
Total		**250,000**	**250,000**	**250,000**	**600,000**	**1,350,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		250,000	250,000	250,000	600,000	1,350,000
Total		**250,000**	**250,000**	**250,000**	**600,000**	**1,350,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Electric T & D
Contact Electric Director

Project # **EE 1811**
Project Name **Meter Test Bench Replacement**

Type Equipment
Useful Life 10 years
Category Electric

New Project: Yes
Account Number: 487-8200-562.40-25
Priority 1

Time-Line: FY18
Status Active

Total Project Cost: **$40,000**

Description

Automated singel / three phase meter test system bench.

Justification

Current test bench is failing and the equipment is no longer supported for repairs.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	40,000					40,000
Total	**40,000**					**40,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	40,000					40,000
Total	**40,000**					**40,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EE1812**

Project Name **ABB Switchgear Replacement**

New Project: Yes

Account Number: 487-8200-562.60-34

Time-Line: FY18

Department Electric T & D

Contact Electric Director

Type Improvement

Useful Life 20 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$450,000**

Description

Replacement of habitually failing switchgear (ABB, manufactured 2009 & 2012) in service throughout the city plus associated elbows and other items found defective.

Justification

There are currently 21 switchgears in service that will require replacement under this CIP, 13 PME-9 and 8 PME-11. The city has replaced approximately 6 of these switchgears over the last year after they experienced catastrophic failure. Some of those replaced were done so proactively prior to failure. We have determined the most likely cause of the failure is due to accumulation of moisture in this particular manufacturer and date of manufacture. This company no longer offers this product on the market and we have no more in our warehouse. We have not experienced a similar failure rate with other manufacturers in service around the city.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Equip/Vehicle/Furnishings	450,000					450,000
Total	**450,000**					**450,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	450,000					450,000
Total	**450,000**					**450,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EE1813

Project Name New Developments

Department Electric T & D

Contact Public Works Director

Type Improvement

Useful Life 30+ years

Category Electric

New Project: No

Account Number: 4878200-562.Several

Priority 1

Time-Line: Continuous

Status Active

Total Project Cost: **$4,250,000**

Description

This project purchases materials and equipment that are used to provide electric service to new housing developments, businesses, and industrial developments. Additionally, a portion of this expense is offset by the extension payments whereby new developers pay a $1,600 per residential lot connection fee, or business and industrial developers pay the total material expense for line extensions.

This is an ongoing project and affects three separate accounts:
487-8200-562.60-31
487-8200-562.60-34
487-8200-562.60-46

COMMENTS: Not all new development projects are known during budget preparation, as some will arise during the year.

Justification

During the course of each budget year, new developers request line extensions for new electric projects. Some are new projects, while other projects may have received plan approval previously but were not completed for any number of reasons.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	850,000	850,000	850,000	850,000	850,000	4,250,000
Total	**850,000**	**850,000**	**850,000**	**850,000**	**850,000**	**4,250,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Developer Contribution	620,000	620,000	620,000	620,000	620,000	3,100,000
Electric Revenue	230,000	230,000	230,000	230,000	230,000	1,150,000
Total	**850,000**	**850,000**	**850,000**	**850,000**	**850,000**	**4,250,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # FN1701

Project Name Enterprise Resource Planning (ERP) Solution

New Project: Yes

Account Number: 480-9900-582.90-23

Time-Line: FY17-FY21

Department Finance

Contact Controller/Treasurer

Type Technology

Useful Life 10 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$2,606,000**

Description

This project involves consulting services and purchase of Enterprise Resource Planning (ERP) Solution to support the business processes of the City of Dover.

Justification

The City's current ERP software is Sungard Public Sector's Select/Naviline version 8.0.2.0. It is an IBM System powered environment (iSeries). This system is a legacy system that came out of the Y2K era, when previous systems were not programmed for the year 2000. The Sungard Public Sector system was purchased in April 1997.

The technology for ERP systems have evolved from mainframe based systems (AS400) to Personal Computer (PC) based systems either hosted by the software provider through the internet or hosted by the customer on file servers. The industry trend is to drive access to customers with web and app based delivery models.

Project Strategy & Objectives:
- The City requires an integrated environment where any user can access the data they need.
- The City will emphasize a self-service environment with technology enabling and not hindering the users to easily access data with the proper controls at the point of data entry.
- The City desires to utilize rational data base technology plus easy report and query writing tools to accomplish this.
- The City realizes that this goal will not be accomplished through new technology alone but also requires extensive process changes and organizational support.
- Management requires better access to data, information and reporting that is currently unavailable or significantly restricted.
- As a result of current limitations to functionallity and access to data, City personnel have developed work-around processes that are impacting City business.
- Third-party software integrations with the current system are extremely difficult, limited or unvailable.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
100,000	ERP System	1,500,000	500,000	506,000			2,506,000
Total	**Total**	**1,500,000**	**500,000**	**506,000**			**2,506,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
100,000	Electric I & E Fund	1,500,000					1,500,000
Total	General Fund		237,000	239,800			476,800
	Water/Wastewater Fund		263,000	266,200			529,200
	Total	**1,500,000**	**500,000**	**506,000**			**2,506,000**

Budget Impact/Other

Annual Operating impact is being evaluated to determine the net difference with the current ERP/ancillary systems and support versus the recommended solution. The current estimate for the new fully integrated ERP solution is approximately $300,000 annuallly. Current cost is being evaluated as above.

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EG1701

Project Name Van Sant Unit 11 Major Overhaul

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: FY17 - FY19

Department Power Plant

Contact Power Plant Manager

Type Improvement

Useful Life 20 years

Category Electric

Priority 1

Status Active

Total Project Cost: **$2,098,000**

Description

This project will perform a major overhaul on the turbine generator based on Original Equipment Manufacturer (OEM) recommended repair frequency which is based on factored starts of the Unit from first commissioning and from last inspection / repair interval. This project will be implemented in 2017 with long lead material purchases and spare parts (fuel nozzles) refurbishment in 2017 and the open, inspection and repair of the combustion turbine during the 2018 budget year.

Justification

This project is required to fund the purchase of all parts needed to perform a major overhaul on the unit based on estimated factored starts since unit was first commissioned and since last the Hot Gas Path inspection. This project will span the course of two years. In Year 1, the majority of the long lead parts will be purchased and spare parts (fuel nozzles) refurbishment. Services will be identified in year 2 and the actual installation will be performed in Year 2. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges. In addition, gradual degradation of the unit's output could occur which would have a negative effect on the capacity rating of the unit and reliability of the unit.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
400,000	Construction/Maintenance	1,548,000	150,000				1,698,000
Total	**Total**	**1,548,000**	**150,000**				**1,698,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
400,000	Electric I & E Fund	602,200					602,200
Total	Electric Revenue	945,800	150,000				1,095,800
	Total	**1,548,000**	**150,000**				**1,698,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EG1702

Project Name McKee Run Unit #3 Boiler Systems

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: **$1,393,800**

Description

This Project was developed to perform inspections and repairs to the Unit 3 boiler on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. In general, most work activities are those requiring planned outages and therefore will be scheduled to coincide with planned outages. The work identified includes the following:
Replacement of water wall tubes as needed. Replace burner throat refractory.
OEM inspection to include super heater and re-heater sections. HEP and FAC program to inspect and repair critical piping / hangers. (2019-2020)
Replacement of super heater and re-heater boiler clips. Air preheater inspection and repairs. De-aerator heater and storage tank inspection.
Feed water heater shell inspections including relief valve testing.
Replace CEMS sample line every 5 years – regulatory requirement.
Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical system equipment represents components that, if they fail, will result in loss of generation and or capacity. Routine evaluation of the condition of critical components will allow for proper prioritization of maintenance activities and resources. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and or capacity. More importantly, component failure could also result in safety risk to personnel.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
504,800	Construction/Maintenance	100,000	299,000	80,000	235,000	175,000	889,000
Total	**Total**	**100,000**	**299,000**	**80,000**	**235,000**	**175,000**	**889,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
504,800	Electric I & E Fund	100,000					100,000
Total	Electric Revenue		299,000	80,000	235,000	175,000	789,000
	Total	**100,000**	**299,000**	**80,000**	**235,000**	**175,000**	**889,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EG1707

Project Name McKee Run Unit 3 Auxiliary System Components

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 2

Status Active

Total Project Cost: **$838,000**

Description

This project will perform inspections and repairs of Unit 3 auxiliary system components focusing on critical components. Components identified that will be addressed in 2018 include the #3 and 4 service water pumps, heat exchanger and piping safety valves.

#3 and #4 service water pump inspections and refurbishment / replacement.
Air compressor inspections and repairs.
Unit #3 boiler feed pump inspections.
Unit #3 circulating water pumps rebuild – pump end.
#1 and #2 hot water boiler inspections – refractory and tube inspection.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Critical auxiliary systems components are those components that, if they were to fail, their failure could result in unit load reduction or outage with consequential loss of capacity and / or generation although they would not individually affect the long range financial viability of the unit. Addressing these assets in a systematic fashion will result in minimizing forced outages and eliminating major maintenance expenses associated with component failure. Performing work as scheduled will also levelize maintenance expenditures. Delaying this project could result in the failure of critical unit equipment and subsequent loss of generation and/ or capacity.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
128,000	Construction/Maintenance	100,000	277,000	213,000	55,000	65,000	710,000
Total	**Total**	**100,000**	**277,000**	**213,000**	**55,000**	**65,000**	**710,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
128,000	Electric I & E Fund	100,000					100,000
Total	Electric Revenue		277,000	213,000	55,000	65,000	610,000
	Total	**100,000**	**277,000**	**213,000**	**55,000**	**65,000**	**710,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1800**

Project Name **McKee Run Building Equipment Replacement**

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 8 --

Status Active

Total Project Cost: **$267,000**

Description

This project includes the replacement of certain building support systems that are expected to reach the end of their useful life. The specific building systems to be addressed in 2016 include:
Supervisor's Office roof top Air Conditioners
Contractor rebuild for the 2A Air Compressor
Administrative Building heating and cooling systems.
Roof repairs.
DI Room modifications.
Replace hot water heaters as needed.
Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of equipment that has reached the end of its design life. Continued increases in the costs to maintain this equipment will result if the listed equipment is not kept up to date or replaced in a timely manner. In addition, critical temperature control is necessary to keep plant instrumentation located in the control room at acceptable operating conditions. Replacement of the control room air conditioners is scheduled for 2017. Waiting for the air conditioning to fail and allowing the temperatures in the control room to exceed control conditions could contribute to reduced control equipment life and reduced unit reliability.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
59,000	Construction/Maintenance	20,000	27,000	66,000	45,000	50,000	208,000
Total	**Total**	**20,000**	**27,000**	**66,000**	**45,000**	**50,000**	**208,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
59,000	Electric I & E Fund	20,000					20,000
Total	Electric Revenue		27,000	66,000	45,000	50,000	188,000
	Total	**20,000**	**27,000**	**66,000**	**45,000**	**50,000**	**208,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # EG1801

Project Name Plant Systems Safety & Compliance Improvements

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 6 --

Status Active

Total Project Cost: **$322,000**

Description

This project will install video cameras to replace outdated cameras and upgrade installed security cameras at McKee Run. The project will also install cameras at VanSant Generating Station where there are no current cameras installed. Additionally, the project will include replacement of outdated radios and replace deteriorating boundary fencing at the McKee Run and VanSant Generating Stations. The installation of this equipment will aid in improving plant security at both sites and improve personnel safety at both sites.

Justification

This project is required to improve overall surveillance coverage and security at both McKee Run and VanSant generating plant sites. Currently, VanSant Generating Station does not have any video surveillance and the installed cameras at McKee Run are old and antiquated. Boundary line fencing is original and deteriorated.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
112,000	Construction/Maintenance	70,000	140,000				210,000
Total	**Total**	**70,000**	**140,000**				**210,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
112,000	Electric I & E Fund	70,000					70,000
Total	Electric Revenue		140,000				140,000
	Total	**70,000**	**140,000**				**210,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Department Power Plant
Contact Power Plant Manager

Project # EG1802
Project Name McKee Run & VanSant - Preservation of Structures

Type Maintenance
Useful Life Unknown
Category Electric

New Project: No
Account Number: 487-8101-591.40-31
Priority 9 --

Time-Line: Multi-year
Status Active

Total Project Cost: **$536,000**

Description

This project involves the preservation of plant structures in order to prevent deterioration of building structural steel and equipment subject to corrosion due to the past operations and environment. Refurbishment costs include be the sandblasting and painting of identified structures and equipment, along with the removal or demolition of equipment that has been retired in place. This work is an ongoing effort spanning multiple years. Work identified includes the following:
2018 – Unit #3 boiler support beams, sandblast, prime and paint.
2018 – Unit #3 condenser inlet piping inspection and refurbishment or repairs based on inspection findings.
Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

Structural steel painting is needed in various areas throughout the plant proper as well as various outbuildings on the plant property to maintain the physical building structures and equipment in an acceptable condition and prevent further deterioration. This project represents a minimum preservation and maintenance of structures consistent with the expected life of the stations. Consequences of delaying or eliminating this project will result in the accelerated deterioration of plant structures and larger future costs associated with structural repairs.

Prior	Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
131,000	Construction/Maintenance	55,000	100,000	125,000	125,000		405,000
Total	**Total**	**55,000**	**100,000**	**125,000**	**125,000**		**405,000**

Prior	Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
131,000	Electric I & E Fund	55,000					55,000
Total	Electric Revenue		100,000	125,000	125,000		350,000
	Total	**55,000**	**100,000**	**125,000**	**125,000**		**405,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1803**

Project Name **VanSant Fire Suppression System Upgrade**

New Project: Yes

Account Number: 487-8101-591.40-31

Time-Line: FY17

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 3

Status Active

Total Project Cost: **$235,000**

Description

This project is to replace the installed CARDOX® fire suppression system for the Van Sant combustion turbine generator. The current system has been installed since original commercial operation began in 1991.This system has been inadvertently activated three times since installation and there have been many improvements including more reliable fire suppression systems. The system selected is a water misting system and is the one of the newer preferred suppression systems using a water mist/injection as the extinguishing agent instead of CO2.

Justification

This critical system can directly impact the Unit operation. Its failure to operate would result in a loss of generation and capacity due to the damage incurred from a fire. Upgrading this system will result in reduced system maintenance costs, and eliminating major maintenance expenses associated with the system or component failure.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	235,000					235,000
Total	**235,000**					**235,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric I & E Fund	235,000					235,000
Total	**235,000**					**235,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1804**

Project Name **Unit #3 Fast Start Upgrade (Accelerated Startup)**

New Project: Yes

Account Number: 487-8101-591-40-31

Time-Line: FY18

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life

Category Electric

Priority 7 --

Status Active

Total Project Cost: **$200,000**

Description

An alternative engineered method for starting up the unit 3 steam turbine generator in a reduced start time will reduce start up time and costs. The benefits are reduced start up time, increased revenue through faster online times, potential increased unit dispatch, reduced startup costs, increased equipment life, reduced maintenance (both O&M and Capital) and reduced environmental impact.

Justification

Major objective is to increase the number of starts on the unit while minimizing start-up costs, reduce the time to dispatch the unit, reduce boiler degradation due to differential temperature induced stress on thick walled system and equipment components.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance	200,000					200,000
Total	**200,000**					**200,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric I & E Fund	200,000					200,000
Total	**200,000**					**200,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1900**

Project Name **Unit #3 Large Equipment Inventory**

Department Power Plant
Contact Power Plant Manager
Type Maintenance
Useful Life 10 years
Category Electric
Priority 1
Status Active
Total Project Cost: **$280,000**

New Project: Yes
Account Number: 487-8101-591.40-31
Time-Line: FY18-FY19

Description

This capital improvement project item is to purchase those few spare motors for inventory that would allow for having a spare motor "on the shelf" which can be replaced in as little as a day and significantly reduce the loss of capacity or availability due to that failed motor. The motors would be stored in the McKee Run Generating Station warehouse and be readily accessible if needed any day or night of the week for the staff to replace. This would allow for a very short return to full capacity and availability of Unit #3 boiler.
Induced Draft Fan Motor approximate costs - $75,000
Forced Draft Fan Motor approximate costs - $35,000
Circulating Water Pump Motor approximate costs – $125,000
Unit #3 Generator Field Breaker approximate costs - $45,000

Justification

The City inventory does not have major equipment spare parts (motors) that if the motor for these particular pieces of equipment failed the loss of capacity payments from the potential de-rate or loss of a unit motor would amount to a loss of capacity revenue in as little as two weeks due to that loss of availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		170,000	110,000			280,000
Total		**170,000**	**110,000**			**280,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		170,000	110,000			280,000
Total		**170,000**	**110,000**			**280,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1901**

Project Name **Van Sant Unit 11 Component Replacements**

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: Multi-year

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 1

Status Active

Total Project Cost: **$255,000**

Description

This fund was developed to perform inspections and repairs to the VanSant Unit 11 auxiliary equipment on a predetermined frequency based on unit operating hours, required regulatory inspection intervals, and known equipment condition. Work to be performed would include the following equipment:

Refurbish exhaust frame blower "B" and motor refurbishment
Injection water pump and motor refurbishment, "A" exhaust frame blower and motor refurbishment
Replace leaking DI system carbon filter vessel.
Water injection pumps inspections and rebuilds.
B Cooling Water pump and motor.
Fogging system inspections and repairs.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation.

Justification

This project is required to fund the replacement of capital items that are expected to reach their useful life and will need to be replaced or refurbished to maintain plant system and unit reliability. Extended equipment and /or unit outage time will result from lack of funding this project. This will have a direct effect on the cost of energy during the extended outage time as well as increase future energy capacity charges.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		55,000	70,000	90,000	40,000	255,000
Total		**55,000**	**70,000**	**90,000**	**40,000**	**255,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		55,000	70,000	90,000	40,000	255,000
Total		**55,000**	**70,000**	**90,000**	**40,000**	**255,000**

Budget Impact/Other

FY 2018 Capital Investment Plan

FY 18 *thru* **FY 22**

City of Dover, Delaware

Project # **EG1902**

Project Name **McKee Run Unit 3 Turbine Repairs Intercept Valves**

New Project: No

Account Number: 487-8101-591.40-31

Time-Line: FY19-FY20

Department Power Plant

Contact Power Plant Manager

Type Maintenance

Useful Life Unknown

Category Electric

Priority 2

Status Active

Total Project Cost: **$463,000**

Description

This project will inspect the Unit 3 turbine control and stop valves and auxiliary equipment. This inspection is scheduled on a predetermined frequency based on Unit operating hours, required regulatory intervals, original equipment manufacturer and insurance company recommendations. In 2018 all turbine control, stop, and intercept valves will be fully disassembled, inspected and repaired if needed.

Note: Project costs in years beyond 2018 are shown for expense planning purposes and represent future projects related to this equipment that are anticipated based on expected operation and insurance company recommendations.

Justification

The valve inspections included in the scope are all related to the normal and emergency turbine generator control and shutdown systems. Industry standard inspection guidelines are followed in order to minimize the risk of mechanical failure which could result in extended forced outage of the unit, or the potential indefinite loss of unit availability.

Expenditures	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Construction/Maintenance		438,000	25,000			463,000
Total		**438,000**	**25,000**			**463,000**

Funding Sources	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue		438,000	25,000			463,000
Total		**438,000**	**25,000**			**463,000**

Budget Impact/Other

Vehicle & Equipment Replacement

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Capital Asset Reserve	314,200					*314,200*
General Fund	233,300	1,819,000	1,634,400	1,623,300	2,319,100	*7,629,100*
GRAND TOTAL	**547,500**	**1,819,000**	**1,634,400**	**1,623,300**	**2,319,100**	***7,943,300***

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Code Enforcement								
1998 Ford Crown Victoria	*19Veh# 11*	n/a		23,800				*23,800*
2007 Dodge Pick Up	*21Veh# 17*	n/a				17,000		*17,000*
Code Enforcement Total				**23,800**		**17,000**		***40,800***
Facilities Management								
2003 Dodge Van (438)	*18Veh# 438*	n/a	25,100					*25,100*
2004 Ford Van #439	*20Veh# 439*	3			28,800			*28,800*
2005 Ford F150 #433	*21Veh#433*	n/a				32,200		*32,200*
Facilities Management Total			**25,100**		**28,800**	**32,200**		***86,100***
Fire/Robbins Hose								
Engine 7 - 1997 Pierce Dash Pumper	*FR1800*	1	38,400	76,800	76,800	76,800	76,800	*345,600*
Ladder 1 - 2011 Pierce Quantum PUC	*FR1801*	1	145,700	145,700	0	0	0	*291,400*
Engine 3 - 2003 Pierce Lance Pumper	*FR1900*	1		76,100	76,100	76,100	76,100	*304,400*
Engine 6 - 2003 Pierce Lance Pumper	*FR2000*	1			76,800	76,800	76,800	*230,400*
Fire/Robbins Hose Total			**184,100**	**298,600**	**229,700**	**229,700**	**229,700**	***1,171,800***
Fleet Maintenance								
2001 Dodge Ram 1500 #131	*19Veh #131*	n/a		27,000				*27,000*
2003 Chevrolet 1500 HD Flat Bed #119	*20Veh# 119*	n/a			60,000			*60,000*
Fleet Maintenance Total				**27,000**	**60,000**			***87,000***
Permtting and Inspections								
2005 Ford F150	*19Veh# 13*	n/a		16,000				*16,000*
2001 Dodge Pick Up	*21Veh# 19*	n/a				17,000		*17,000*
2001 Dodge Pick Up	*21Veh# 22*	n/a				17,000		*17,000*
Permtting and Inspections Total				**16,000**		**34,000**		***50,000***
Police								
2010 Ford Crown Victoria PPV (203)	*18Veh# 203*	n/a	28,900					*28,900*
2002 Ford Taurus (206)	*18Veh# 206*	n/a	24,500					*24,500*
2012 Chevy Tahoe PPV (223)	*18Veh# 223*	n/a	28,900					*28,900*
2008 Ford Crown Victoria PPV (238)	*18Veh# 238*	n/a	28,900					*28,900*
2011 Ford Crown Victoria PPV (252)	*18Veh# 252*	n/a	28,900					*28,900*
2007 Ford Fusion Admin (261)	*18Veh# 261*	n/a	24,500					*24,500*
2012 Dodge Charger PPV (272)	*18Veh# 272*	n/a	28,900					*28,900*
2006 Ford Crown Victoria PPV (274)	*18Veh# 274*	n/a	24,500					*24,500*
2012 Dodge Charger PPV (276)	*18Veh# 276*	n/a	28,900					*28,900*
2005 Ford F150 Pick Up PPV (276)	*18Veh# 279*	n/a	28,900					*28,900*
2013 Ford Fusion (200)	*19Veh# 200*	n/a		24,500				*24,500*
2012 Dodge Charger PPV (205)	*19Veh# 205*	n/a		31,900				*31,900*

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
2011 Ford Crown Victoria PPV (208)	*19Veh# 208*	n/a		31,900				*31,900*
2010 Dodge Charger PPV (209)	*19Veh# 209*	n/a		24,500				*24,500*
2000 Ford Taurus Admin (210)	*19Veh# 210*	n/a		24,500				*24,500*
2006 Dodge Charger (214)	*19Veh# 214*	n/a		24,500				*24,500*
2007 Ford Crown Victoria PPV (227)	*19Veh# 227*	n/a		31,900				*31,900*
2010 Ford Fusion Admin (231)	*19Veh# 231*	n/a		24,500				*24,500*
2000 Ford Crown Victoria PPV (234)	*19Veh# 234*	n/a		31,900				*31,900*
2010 Ford Fusion Admin (237)	*19Veh# 237*	n/a		24,500				*24,500*
2013 Dodge Charger PPV (250)	*19Veh# 250*	n/a		31,900				*31,900*
2008 Harley FLHTP (257)	*19Veh# 257*	n/a		23,300				*23,300*
2007 Ford Fusion Admin (260)	*19Veh# 260*	n/a		24,500				*24,500*
2009 HD Motorcycle FHP (266)	*19Veh# 266*	n/a		23,300				*23,300*
2011 Harley FLHTP (267)	*19Veh# 267*	n/a		23,300				*23,300*
2010 Ford Crown Victoria PPV (273)	*19Veh# 273*	n/a		31,900				*31,900*
2007 Ford Crown Victoria (280)	*19Veh# 280*	n/a		31,900				*31,900*
2010 Ford Crown Victoria PPV (285)	*19Veh# 285*	n/a		31,900				*31,900*
2011 Chev Silverado (215)	*20Veh# 215*	n/a			20,900			*20,900*
2011 Ford Fusion Admin (218)	*20Veh# 218*	n/a			24,500			*24,500*
2008 Ford Fusion Admin (221)	*20Veh# 221*	n/a			24,500			*24,500*
2011 Chevy Tahoe PPV (222)	*20Veh# 222*	n/a			31,900			*31,900*
2012 Ford Fusion Admin (225)	*20Veh# 225*	n/a			24,500			*24,500*
2011 Chevy Tahoe PPV (226)	*20Veh# 226*	n/a			31,900			*31,900*
2008 Ford Fusion Admin (230)	*20Veh# 230*	n/a			24,500			*24,500*
2012 Ford Fusion Admin (233)	*20Veh# 233*	n/a			24,500			*24,500*
2011 Ford Fusion Admin (240)	*20Veh# 240*	n/a			24,500			*24,500*
2014 Dodge Charger PPV (241)	*20Veh# 241*	n/a			31,900			*31,900*
2011 Ford Crown Victoria PPV (255)	*20Veh# 255*	n/a			31,900			*31,900*
2011 Ford Fusion Admin (286)	*20Veh# 286*	n/a			24,500			*24,500*
2012 Ford Fusion Admin (287)	*20Veh# 287*	n/a			24,500			*24,500*
2002 Dodge Ram 1500 (296)	*20Veh# 296*	n/a			20,900			*20,900*
2014 Dodge Charger (201)	*21Veh# 201*	n/a				24,500		*24,500*
2014 Dodge Charger PPV (219)	*21Veh# 219*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (220)	*21Veh# 220*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (232)	*21Veh# 232*	n/a				31,900		*31,900*
2010 Ford Fusion Admin (235)	*21Veh# 235*	n/a				24,500		*24,500*
2014 Dodge Charger PPV (242)	*21Veh# 242*	n/a				31,900		*31,900*
2014 Dodge Charger Admin (243)	*21Veh# 243*	n/a				24,500		*24,500*
2014 Dodge Charger Admin (249)	*21Veh# 249*	n/a				24,500		*24,500*
2014 Dodge Charger PPV (258)	*21Veh# 258*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (262)	*21Veh# 262*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (263)	*21Veh# 263*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (264)	*21Veh# 264*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (265)	*21Veh# 265*	n/a				31,900		*31,900*
2014 Dodge Charger PPV (282)	*21Veh# 282*	n/a				31,900		*31,900*
2013 Dodge Charger Admin (204)	*22Veh# 204*	n/a					24,500	*24,500*
2014 Harley FLHTP (211)	*22Veh# 211*	n/a					23,300	*23,300*
2013 Dodge Charger PPV (216)	*22Veh# 216*	n/a					31,900	*31,900*
2015 Chevy Tahoe PPV (229)	*22Veh# 229*	n/a					31,900	*31,900*
2013 Dodge Charger PPV (236)	*22Veh# 236*	n/a					31,900	*31,900*
2015 Harley FLHTP (268)	*22Veh# 268*	n/a					23,300	*23,300*
2013 Dodge Charger PPV (269)	*22Veh# 269*	n/a					31,900	*31,900*
2014 Dodge Charger (278)	*22Veh# 278*	n/a					24,500	*24,500*
2014 Dodge Charger PPV (283)	*22Veh# 283*	n/a					31,900	*31,900*
2014 Dodge Charger PPV (284)	*22Veh# 284*	n/a					31,900	*31,900*
2014 Dodge Charger PPV (290)	*22Veh# 290*	n/a					31,900	*31,900*
2015 Chevy Tahoe PPV (293)	*22Veh# 293*	n/a					31,900	*31,900*
2005 Ford E250 (295)	*22Veh# 295*	n/a					70,000	*70,000*

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
2013 Dodge Charger (297)	*22Veh# 297*	n/a					31,900	*31,900*
Police Total			**275,800**	**496,600**	**365,400**	**417,000**	**452,700**	***2,007,500***
Public Works - Grounds								
2003 Ex-Mark 52" Zero Turn Mower (568)	*18Veh# 568*	3	8,800					*8,800*
2004 Kubota Tractor w/Front Loader/Backhoe #572	*18Veh# 572*	3	53,700					*53,700*
1995 International Bucket Truck #589	*19Veh#589*	2		188,000				*188,000*
2001 Dodge Ram 2500 Truck #580	*20 VEH#580*	n/a			33,000			*33,000*
2006 Kubota Mower #581	*20Veh #581*	n/a			60,000			*60,000*
2009 Toro Mower #561	*20Veh#561*	n/a			60,000			*60,000*
1994 Vermeer Chipper #588	*21Veh #588*	n/a				89,000		*89,000*
2012 Toro Mower #562	*21Veh#562*	n/a				62,000		*62,000*
2010 Torob Zero Turn Mower w/bager	*22Veh#563*	n/a					12,000	*12,000*
1987 Case Tractor w/mower	*22Veh#571*	n/a					40,000	*40,000*
Public Works - Grounds Total			**62,500**	**188,000**	**153,000**	**151,000**	**52,000**	***606,500***
Public Works - Sanitation								
2008 Intn't Rear Loader (445)	*19Veh# 445*	4		169,300				*169,300*
2010 Peterbilt Automated Trash Truck #455	*19Veh# 455*	3		265,800				*265,800*
2009 International Bulk Trash Truck #446	*20Veh# 446*	3			155,100			*155,100*
2003 Peterbilt Automated Trash Truck #444	*20Veh#444*	n/a			272,000			*272,000*
2008 Ford F150 #440	*21Veh#440*	n/a				32,200		*32,200*
2008 International Rear Loader #452	*21Veh#453*	n/a				172,700		*172,700*
2012 Kenworth Bulk Trash Truck #447	*22Veh#447*	n/a					178,400	*178,400*
2011 Peterbilt Automated Trash Truck #450	*22Veh#450*	n/a					332,000	*332,000*
2008 International Rear Loader Trash Truck #452	*22Veh#452*	n/a					295,000	*295,000*
2002 Hurst Trailer #453	*22Veh#453*	n/a					2,300	*2,300*
Public Works - Sanitation Total				**435,100**	**427,100**	**204,900**	**807,700**	***1,874,800***
Public Works - Streets								
2001 Case Front-End Loader #316	*19Veh #316*	2		163,700				*163,700*
1992 International Dump Truck (326)	*19Veh# 326*	1		142,200				*142,200*
2003 Chevrolet Silverado 1500 #330	*19Veh#330*	n/a		28,000				*28,000*
2001 Case Front-End Loader #312	*20Veh #312*	2			136,200			*136,200*
2001 Int'l Dump Truck (322)	*20Veh# 322*	2			137,600			*137,600*
2002 Airman Air Compressor (382)	*20Veh# 382*	2			26,600			*26,600*
2002 Old Dominion Leaf Vac #361	*20Veh#361*	n/a			70,000			*70,000*
2001 Int'l Dump Truck (324)	*21Veh# 324*	2				140,400		*140,400*
2001 Case Front-End Loader	*21Veh#312*	n/a				175,100		*175,100*
2006 International Sweeper #356	*21Veh#356*	n/a				180,000		*180,000*
1969 Caterpillar Grader #301	*22Veh#301*	n/a					477,000	*477,000*
2006 Sterling Vac Track #350	*22Veh#350*	n/a					300,000	*300,000*
Public Works - Streets Total				**333,900**	**370,400**	**495,500**	**777,000**	***1,976,800***
Public Works Admin								
2008 Toyota Camry Hybrid #6	*21Veh# 6*	n/a				42,000		*42,000*
Public Works Admin Total						**42,000**		***42,000***
GRAND TOTAL			**547,500**	**1,819,000**	**1,634,400**	**1,623,300**	**2,319,100**	***7,943,300***

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water/Wastewater Fund	156,300	792,700	421,000	288,900	426,000	*2,084,900*
GRAND TOTAL	**156,300**	**792,700**	**421,000**	**288,900**	**426,000**	***2,084,900***

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
W/WW Engineering								
2008 Dodge Avenger (427)	*19Veh# 427*	n/a		23,000				*23,000*
2008 Ford F150 Pick-Up (420)	*20Veh# 420*	1			32,900			*32,900*
2008 Dodge Avenger SE #5	*21Veh#5*	n/a				28,900		*28,900*
2013 Ford F 150 Pick up Ext Cab 4WD #418	*22Veh#418*	n/a					38,000	*38,000*
W/WW Engineering Total				**23,000**	**32,900**	**28,900**	**38,000**	***122,800***
Wastewater Management								
2008 Case 590 Backhoe #672 (Split)	*19Veh #672*	n/a		59,400				*59,400*
2008 International Dump Truck 14' #681 (Split)	*19Veh #681*	n/a		78,000				*78,000*
2009 Chevrolet CUES Camera Truck #684	*19Veh #684*	5		300,000				*300,000*
2008 Ford 1-Ton Utility Truck with crane #665	*19Veh#665*	n/a		51,500				*51,500*
2008 Ford 1/2 Ton Utility Truck #698 (split)	*19Veh#698*	n/a		14,200				*14,200*
2006 Sidekick Easement Machine (690)	*20Veh# 690*	n/a			38,200			*38,200*
2005 Case Backhoe #682 (split)	*20Veh#682*	n/a			61,900			*61,900*
2012 Chevrolet Silverado 1500 WT #695(split)	*20Veh#695*	n/a			16,500			*16,500*
2013 Ford 1-Ton Utilty Truck with Crane #655	*21Veh#655*	n/a				55,000		*55,000*
2013 Ford 1-Ton Utility Truck with crane	*21Veh#664*	n/a				55,000		*55,000*
2013 Ford F150 Pickup Ext Cab (split)	*22Veh#661*	n/a					19,000	*19,000*
2013 Vacoon Jet Truck #692 (split)	*22Veh#692*	n/a					175,000	*175,000*
Wastewater Management Total				**503,100**	**116,600**	**110,000**	**194,000**	***923,700***
Water Management								
1995 Caterpillar Loader #402	*18Veh#402*	n/a	156,300					*156,300*
2008 Case 590 Backhoe #672 (Split)	*19Veh #672-1*	n/a		59,400				*59,400*
2008 International Dump Truck 14' #681 (Split)	*19Veh #681-1*	n/a		78,000				*78,000*
2009 Wacker RT820 Vibratory Trench Roller #401	*19Veh#401*	n/a		36,900				*36,900*
2008 Ford 1/2 Ton Utility Truck #698 (split)	*19Veh#698-2*	n/a		14,200				*14,200*
2005 Case Backhoe #682 (Split)	*20Veh# 682*	n/a			61,900			*61,900*
2012 Ford F250 Super Duty XL #403	*20Veh#403*	n/a			40,000			*40,000*
2008 Ingersoll Air Compressor #407	*20Veh#407*	n/a			30,800			*30,800*
2012 Ford F250 Super Duty XL #426	*20Veh#426*	n/a			40,000			*40,000*
2012 Chevrolet Silverado 1500 WT #695 (split)	*20Veh#695-2*	n/a			16,500			*16,500*
1995 Caterpillar Excavator #400	*21Veh#400*	n/a				125,000		*125,000*
1997 Kruger Trailer #415	*21Veh#415*	n/a				25,000		*25,000*
2013 Ford F150 Pickup Ext. Cab #661n (split)	*22Veh#661-2*	n/a					19,000	*19,000*
2013 Vaccon Jet Truck #692 (split)	*22Veh#692-2*	n/a					175,000	*175,000*
Water Management Total			**156,300**	**188,500**	**189,200**	**150,000**	**194,000**	***878,000***
Water Treatment Plant								
2007 Kohler Generator Trailer Mounted (604)	*19Veh# 604*	n/a		50,000				*50,000*
2008 GMC Cargo Van (662)	*19Veh# 662*	n/a		28,100				*28,100*
2010 Ford 1-Ton Utility Truck w/ Gate 3620	*20Veh# 620*	n/a			56,300			*56,300*
2011 Ford Ranger #621	*20Veh#621*	n/a			26,000			*26,000*

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Water Treatment Plant Total				78,100	82,300			*160,400*
GRAND TOTAL			156,300	792,700	421,000	288,900	426,000	*2,084,900*

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru **FY 22**

FUNDING SOURCE SUMMARY

Source	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Revenue	335,500	493,500	425,000	310,000	330,000	*1,894,000*
GRAND TOTAL	**335,500**	**493,500**	**425,000**	**310,000**	**330,000**	***1,894,000***

City of Dover, Delaware

FY 2018 Capital Investment Plan

FY 18 thru FY 22

PROJECTS BY DEPARTMENT

Department	Project #	Priority	FY 18	FY 19	FY 20	FY 21	FY 22	Total
Electric Engineering								
2008 Dodge Avenger (7)	*Veh# 007*	n/a			25,000			*25,000*
2007 Dodge Pickup (9)	*Veh# 009*	n/a		33,000				*33,000*
2008 Ford Escape	*Veh#701*	n/a		30,000				*30,000*
Electric Engineering Total				**63,000**	**25,000**			***88,000***
Electric T & D								
2006 Terex Backhoe (#722)	*Veh #722*	n/a					130,000	*130,000*
1995 Case Backhoe (733)	*Veh #733*	1		105,000				*105,000*
2004 International Altec Aerial Device	*Veh #751*	1			150,000			*150,000*
2002 Chevrolet Dump Truck	*Veh #753*	1				150,000		*150,000*
2006 International Bucket Truck	*Veh #759*	1				160,000		*160,000*
2007 Dodge Pick Up	*Veh #771*	1	33,000					*33,000*
2008 International Dueco Line Truck	*Veh #772*	1			250,000			*250,000*
2001 Freightliner Knuckleboom	*Veh #776*	1	251,400					*251,400*
2008 Ford Dump F350 (796)	*Veh #796*	1	51,100					*51,100*
2001 Freightliner (750)	*Veh# 750*	1		300,000				*300,000*
2005 Ford Pick Up Truck	*Veh# 770*	1		25,500				*25,500*
Digger Derrick	*Veh#718*	n/a					200,000	*200,000*
Electric T & D Total			**335,500**	**430,500**	**400,000**	**310,000**	**330,000**	***1,806,000***
GRAND TOTAL			**335,500**	**493,500**	**425,000**	**310,000**	**330,000**	***1,894,000***

Debt Service



Debt Limit

Debt Service Schedules

City of Dover, Delaware
Computation of Legal Debt Margin
General Obligation Bonds
(amounts expressed in thousands)

	Estimated 2018	Estimated 2017	2016	2015	2014	2013	2012
Debt Limit	$ 154,538	$ 152,627	$ 155,396	$ 158,485	$ 157,995	$ 159,075	$ 158,465
Net (Taxable) Assessed Value on Books	3,090,754	3,052,549	3,107,912	3,169,707	3,159,894	3,181,496	3,169,308
Total net debt applicable to limit	5,877	6,210	6,783	7,337	4,050	4,479	1,550
Legal Debt Margin	$ 148,661	$ 146,417	$ 148,613	$ 151,148	$ 153,945	$ 154,596	$ 156,915
Total Net Debt applicable to limit as a percentage of debt limit	3.80%	4.07%	4.36%	4.63%	2.56%	2.82%	0.98%

Legal Debt Margin Calculation for Fiscal Year 2017

Net (Taxable) Assessed Value on Books	$ 3,090,754	$ 3,052,549	$ 3,107,912	$ 3,169,707	$ 3,159,894	$ 3,181,496	$ 3,169,308
Debt Limit - 5 Percent of Total Assessed Value	$ 154,538	$ 152,627	$ 155,396	$ 158,485	$ 157,995	$ 159,075	$ 158,465
DEBT (For which the City's full faith and credit has been pledged)							
Gross Bonded Debt	5,877	6,210	6,783	7,337	4,050	4,479	1,550
LEGAL DEBT MARGIN	$ 148,661	$ 146,417	$ 148,613	$ 151,148	$ 153,945	$ 154,596	$ 156,915

IMPORTANT NOTE: The Total Net Debt applicable to the debt limit includes the remaining Series 2014 A Bonds (PNC) and the 2012 Bonds (PNC)

Source: City of Dover Financial Reports, City of Dover Charter, Section 50(b), and Tax Assessor's Office

New Bonds without referendum cannot exceed 1/4 of 1% of taxable assessed value and shall not cause the total aggregate principal outstanding at any one time to exceed 1% of total taxable assessment for a general tax at the time of issue or $7,726,900 based on the 2018 Estimate.

City of Dover
General Fund
Projected Debt Service

Fiscal Year Ending	2012 Tax- Exempt Loan (1)	$3,660,000 2014 Series A Bonds	Total Debt Service	Green Energy Debt Service Contribution	Net Debt Service
6/30/2018 (2)	$ 224,700	$ 204,000	$ 428,700	$ (98,500)	$ 330,200
6/30/2019	224,700	204,000	428,700	(98,500)	330,200
6/30/2020	224,700	204,000	428,700	(98,500)	330,200
6/30/2021	224,700	204,000	428,700	(98,500)	330,200
6/30/2022	224,700	204,000	428,700	(98,500)	330,200
6/30/2023	224,700	204,000	428,700	(98,500)	330,200
6/30/2024	224,700	204,000	428,700	(98,500)	330,200
6/30/2025	224,700	204,000	428,700	(98,500)	330,200
6/30/2026	224,700	204,000	428,700	(98,500)	330,200
6/30/2027	224,700	204,000	428,700	(98,500)	330,200
6/30/2028	224,700	204,000	428,700	(98,500)	330,200
6/30/2029	224,700	204,000	428,700	(98,500)	330,200
6/30/2030	224,700	204,000	428,700	(98,500)	330,200
6/30/2031	224,700	204,000	428,700	(98,500)	330,200
6/30/2032	224,700	204,000	428,700	(98,500)	330,200
6/30/2033	205,800	204,000	409,800	(98,500)	311,300
6/30/2034	-	204,000	204,000	-	204,000
6/30/2035	-	204,000	204,000	-	204,000
Totals	$ 3,576,300	$ 3,672,000	$ 7,248,300	$ (1,576,000)	$ 5,672,300
	Library & Streets	Garrison Farm & Equipment		Library	

(1) Annual Debt Service for the 2012 Loan does not reflect any reduction for the sale of the current Library

(2) Does not inlcude new debt service for the Meeting House Branch storm water or Schutte Park redevelopment projects in the FY18 Capital Plan; The City Manager is working on obtaining other funding sources for partial financing.

City of Dover
Water/Wastewater Revenue Bonds
Current Debt Service - Table 1

Fiscal Year Ending	Series 2000 Wastewater	Series 2009 Wastewater	Series 2010 Water	Series 2011 Wastewater	Series 2013 Revenue Bonds - Water	Series 2013 Revenue Bonds - Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Total Debt Service
6/30/2018	$ 53,000	$ 347,100	$ 161,300	$ 58,200	$ 355,800	$ 151,800	$ 517,100	$ 610,100	$ 1,127,200
6/30/2019	53,000	347,100	161,300	58,200	359,100	153,100	520,400	611,400	1,131,800
6/30/2020	53,000	347,100	161,300	58,200	355,100	151,400	516,400	609,700	1,126,100
6/30/2021	-	347,100	161,300	58,200	357,900	152,600	519,200	557,900	1,077,100
6/30/2022	-	347,100	161,300	58,200	356,900	152,200	518,200	557,500	1,075,700
6/30/2023	-	347,100	161,300	58,200	355,700	151,700	517,000	557,000	1,074,000
6/30/2024	-	347,100	161,300	58,200	357,700	152,600	519,000	557,900	1,076,900
6/30/2025	-	347,100	161,300	58,200	214,400	91,500	375,700	496,800	872,500
6/30/2026	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2027	-	347,100	161,300	58,200	211,800	90,300	373,100	495,600	868,700
6/30/2028	-	347,100	161,300	58,200	213,300	91,000	374,600	496,300	870,900
6/30/2029	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2030	-	347,100	161,300	58,200	214,000	91,300	375,300	496,600	871,900
6/30/2031	-	347,100	80,700	58,200	214,400	91,500	295,100	496,800	791,900
6/30/2032	-	173,600	-	29,100	213,200	90,900	213,200	293,600	506,800
6/30/2033	-	-	-	-	212,300	90,600	212,300	90,600	302,900
6/30/2034	-	-	-	-	211,100	90,000	211,100	90,000	301,100
Total	$ 159,000	$ 5,033,000	$ 2,177,600	$ 843,900	$ 4,630,000	$ 1,974,800	$ 6,807,600	$ 8,010,700	$ 14,818,300

City of Dover
Water/Wastewater Revenue Bonds
Projected Debt Service - Table 2

New State of Delaware Revolving Fund Loans

Fiscal Year Ending	Series 2017 Water	Series 2017 Wastewater	Series 2018 Wastewater	Series 2019 Wastewater	Total Water Debt Service	Total Wastewater Debt Service	Tables 1 & 2 Total Debt Service
6/30/2018	146,200	53,900	12,100	-	146,200	66,000	$ 1,339,400
6/30/2019	146,200	53,900	24,200	12,500	146,200	90,600	$ 1,368,600
6/30/2020	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,375,300
6/30/2021	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,326,300
6/30/2022	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,324,900
6/30/2023	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,323,200
6/30/2024	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,326,100
6/30/2025	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,121,700
6/30/2026	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,120,100
6/30/2027	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,117,900
6/30/2028	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,120,100
6/30/2029	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,121,100
6/30/2030	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,121,100
6/30/2031	146,200	53,900	24,200	24,900	146,200	103,000	$ 1,041,100
6/30/2032	146,200	53,900	24,200	24,900	146,200	103,000	$ 756,000
6/30/2033	146,200	53,900	24,200	24,900	146,200	103,000	$ 552,100
6/30/2034	146,200	53,900	24,200	24,900	146,200	103,000	$ 550,300
6/30/2035	146,200	53,900	24,200	24,900	146,200	103,000	$ 249,200
6/30/2036	146,200	53,900	24,200	24,900	146,200	103,000	$ 249,200
6/30/2037	73,100	26,900	24,200	24,900	73,100	76,000	$ 149,100
6/30/2038	-	-	12,100	24,900	-	37,000	$ 37,000
6/30/2039	-	-	-	12,400	-	12,400	$ 12,400
Total	$ 2,850,900	$ 1,051,000	$ 484,000	$ 498,000	$ 2,850,900	$ 2,033,000	$ 19,702,200

City of Dover
Electric Revenue Fund
Projected Debt Service

	Electric Revenue Fund		
Fiscal Year	**2008 Revenue Bonds**		**Total Debt**
6/30/2018	730,000	883,954	1,613,954
6/30/2019	765,000	847,454	1,612,454
6/30/2020	800,000	815,706	1,615,706
6/30/2021	840,000	781,706	1,621,706
6/30/2022	880,000	746,006	1,626,006
6/30/2023	925,000	707,506	1,632,506
6/30/2024	970,000	665,881	1,635,881
6/30/2025	1,015,000	622,231	1,637,231
6/30/2026	1,065,000	576,555	1,641,555
6/30/2027	1,120,000	527,300	1,647,300
6/30/2028	1,175,000	475,500	1,650,500
6/30/2029	1,230,000	416,750	1,646,750
6/30/2030	1,290,000	355,250	1,645,250
6/30/2031	1,355,000	290,750	1,645,750
6/30/2032	1,420,000	223,000	1,643,000
6/30/2033	1,485,000	152,000	1,637,000
6/30/2034	1,555,000	77,750	1,632,750
Total	$ 18,620,000	$ 9,165,299	$ 27,785,299

General Fund

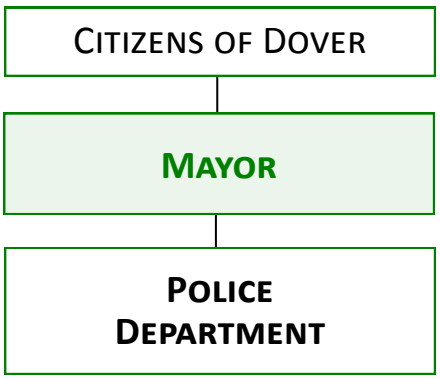
General



Mayor
City Council
City Manager
City Clerk
Customer Services
Finance, Procurement & Inventory
Fire
Human Resources
Information Technology
Parks, Recreation & Library
Police
Tax Assessor
Planning & Inspections
Public Works

Mayor

Fiscal Year 2018 Organizational Chart



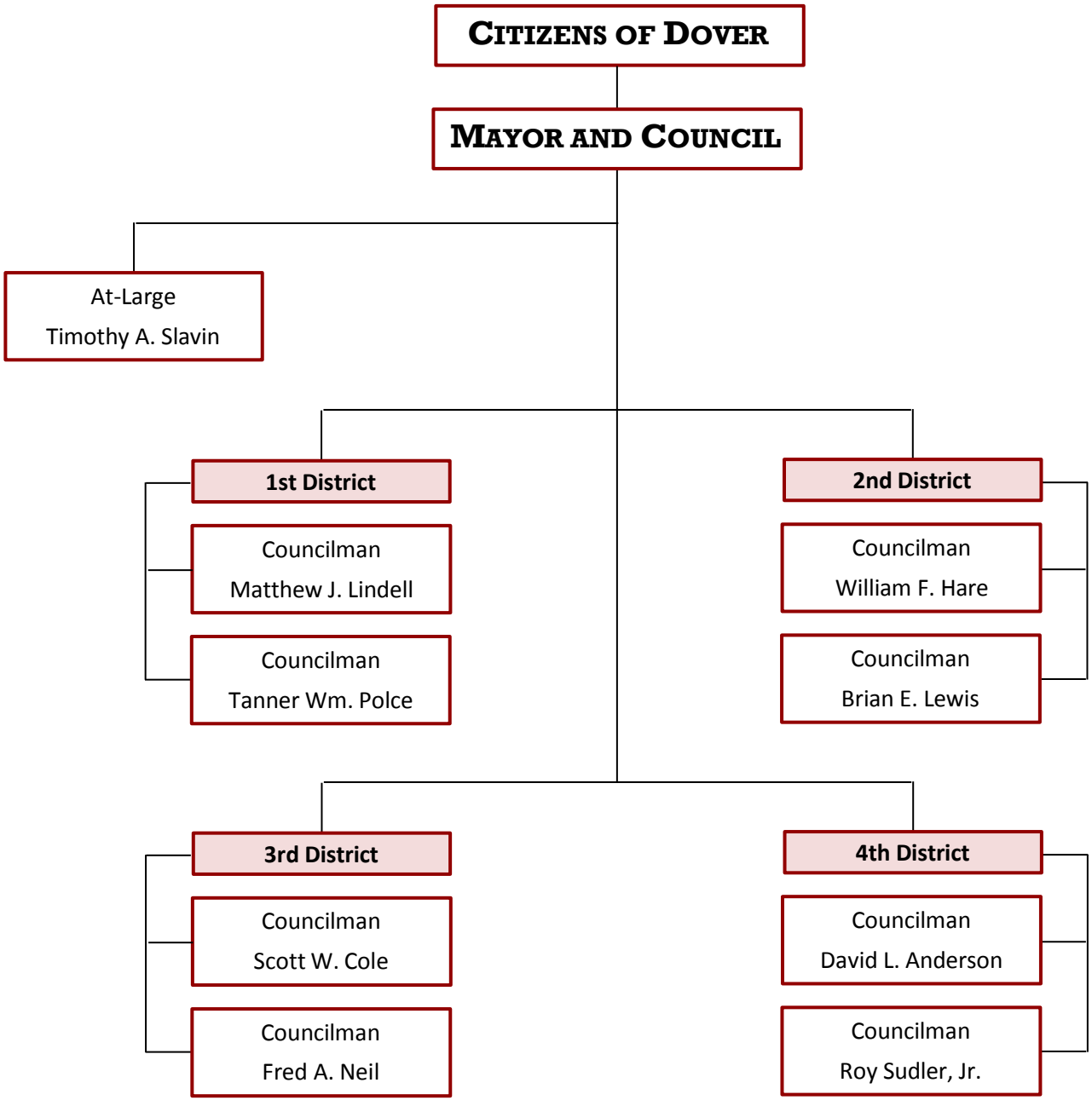
*Economic Development was dissolved in FY17

MAYOR
110-3200-519

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 45,346	$ 45,000	$ 45,000	$ 45,000	$ 45,000	$ -	0%
10-14	FICA TAXES	3,255	3,400	3,400	3,400	3,400	-	0%
10-15	HEALTH INSURANCE	7,992	8,500	8,500	8,500	8,500	-	0%
10-16	L I D INSURANCE	334	300	300	300	300	-	0%
10-17	WORKERS COMPENSATION	147	100	100	100	100	-	0%
	PERSONNEL COSTS	**57,074**	**57,300**	**57,300**	**57,300**	**57,300**	**-**	**0%**
20-22	OFFICE SUPPLIES	82	100	100	100	100	-	0%
20-23	PRINTING AND DUPLICATING	56	200	200	200	200	-	0%
	MATERIALS & SUPPLIES	**138**	**300**	**300**	**300**	**300**	**-**	**0%**
30-21	TELEPHONE/FAX	392	500	500	500	500	-	0%
30-25	ADVERTISEMENT	1,439	1,500	1,500	1,500	1,500	-	0%
30-27	SUBSCRIPTIONS AND DUES	175	3,500	3,500	3,500	3,500	-	0%
30-35	COMMUNITY RELATIONS EXP	10,226	5,500	5,500	5,500	5,500	-	0%
30-37	OTHER EXPENSES	5,416	5,000	5,000	5,000	5,000	-	0%
30-62	GASOLINE	-	300	300	200	200	-	-33%
30-63	AUTO REPAIRS/MAINTENANCE	-	100	100	100	100	-	0%
	ADMINISTRATIVE EXPENDITURES	**17,648**	**16,400**	**16,400**	**16,300**	**16,300**	**-**	**-1%**
	OPERATING EXPENDITURES	**74,861**	**74,000**	**74,000**	**73,900**	**73,900**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 74,861**	**$ 74,000**	**$ 74,000**	**$ 73,900**	**$ 73,900**	**$ -**	**0%**
	REVENUES							
	GENERAL FUND	$ 74,861	$ 74,000	$ 74,000	$ 73,900	$ 73,900	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	1.0	1.0	1.0	1.0	1.0		

City Council

Fiscal Year 2018 Organizational Chart



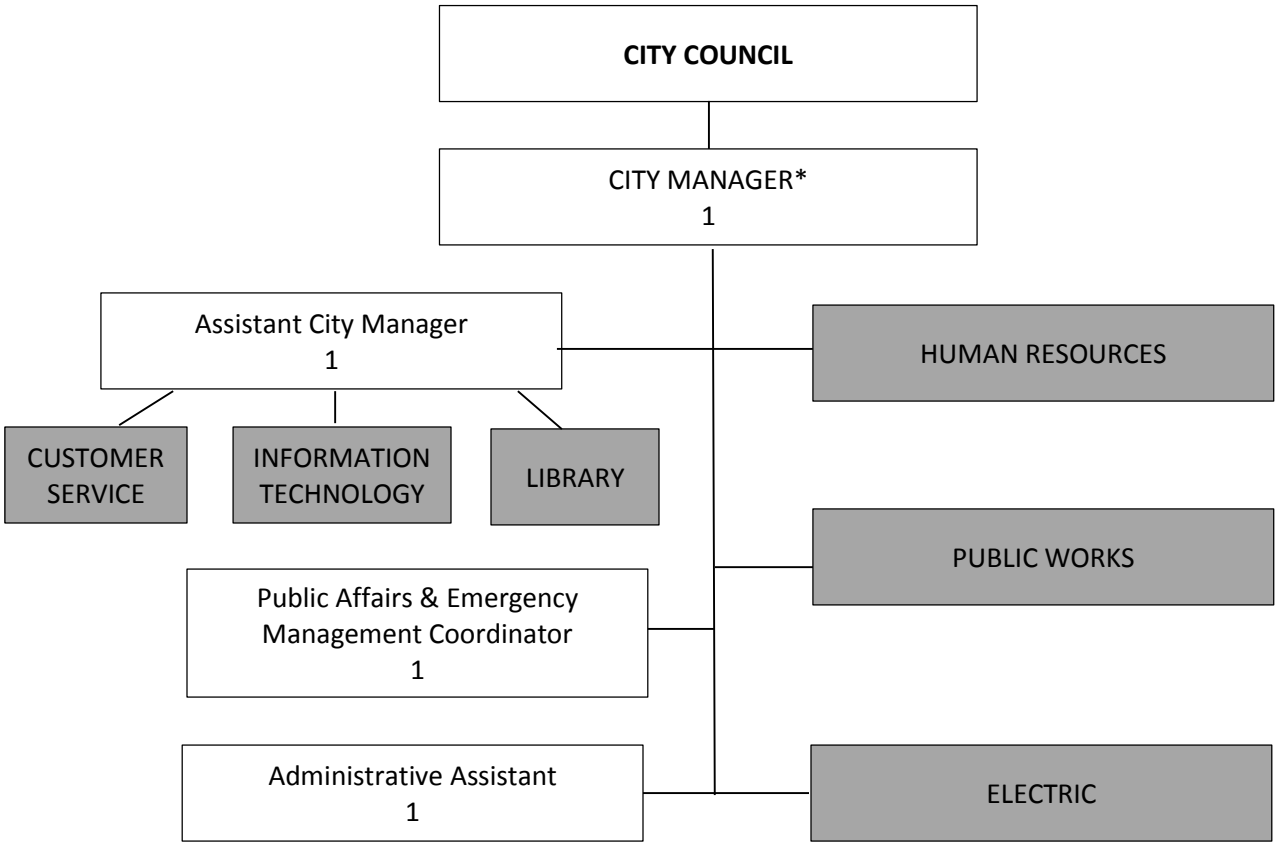
updated: 5/19/2017

CITY COUNCIL
110-1200-512

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-13	TEMPORARY HELP	$ 76,756	$ 84,300	$ 84,300	$ 84,300	$ 84,300	$ -	0%
10-14	FICA TAXES	5,872	6,400	6,400	6,400	6,400	-	0%
10-17	WORKERS COMPENSATION	248	300	300	300	300	-	0%
	PERSONNEL COSTS	**82,875**	**91,000**	**91,000**	**91,000**	**91,000**	**-**	**0%**
20-22	OFFICE SUPPLIES	33	-	-	-	-	-	0%
20-23	PRINTING AND DUPLICATING	95	300	300	300	300	-	0%
20-38	COMPUTER HARDWARE	-	-	-	-	1,000	-	0%
	MATERIALS & SUPPLIES	**128**	**300**	**300**	**300**	**1,300**	**-**	**333%**
30-21	TELEPHONE/FAX	183	200	200	200	200	-	0%
30-27	SUBSCRIPTIONS AND DUES	11,293	11,500	11,500	11,500	11,500	-	0%
30-29	CONSULTING SERVICES	-	-	-	-	10,000	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	813	9,600	9,600	9,600	9,600	-	0%
30-35	COMMUNITY RELATIONS EXP	3,973	3,500	3,500	3,500	3,500	-	0%
30-37	DISCRETIONARY FUNDS	-	22,000	22,000	25,000	25,000	-	14%
30-92	HRC-OFFICE SUPPLIES	865	3,000	3,000	3,000	3,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**17,126**	**49,800**	**49,800**	**52,800**	**62,800**	**-**	**26%**
	OPERATING EXPENDITURES	**100,129**	**141,100**	**141,100**	**144,100**	**155,100**	**-**	**10%**
	TOTAL EXPENDITURES	**$ 100,129**	**$ 141,100**	**$ 141,100**	**$ 144,100**	**$ 155,100**	**$ -**	**10%**
	REVENUES							
	GENERAL FUND	$ 100,129	$ 141,100	$ 141,100	$ 144,100	$ 155,100	$ -	
	PERSONNEL							
	PP/COUNCIL	9.0	9.0	9.0	9.0	9.0		
	PP/TEMP COMMITTEES	8.0	8.0	8.0	8.0	8.0		

City Manager

Fiscal Year 2018 Organization Chart



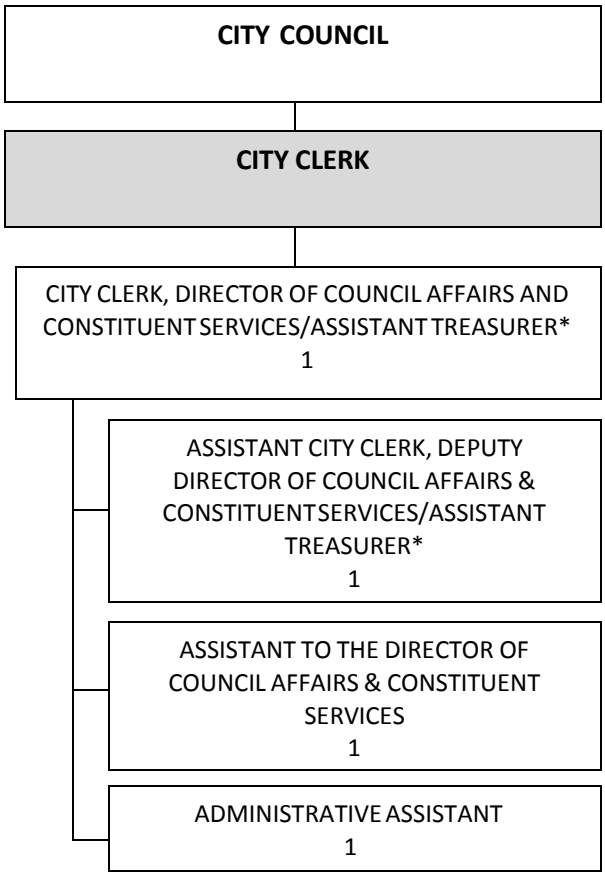
*Appointed by Council

CITY MANAGER
110-2100-515

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 353,732	$ 351,500	$ 355,200	$ 351,500	$ 386,000	$ -	10%
10-12	OVERTIME	1,192	2,000	2,000	2,000	1,500	-	-25%
10-13	TEMPORARY	10,806	11,500	11,500	11,500	-	-	-100%
10-14	FICA TAXES	26,117	27,900	28,200	27,000	29,600	-	6%
10-15	HEALTH INSURANCE	47,538	52,500	52,500	48,200	61,400	-	17%
10-16	L I D INSURANCE	1,917	2,000	2,000	2,000	2,300	-	15%
10-17	WORKERS COMPENSATION	1,185	1,700	1,700	1,100	1,300	-	-24%
10-19	PENSION	20,361	20,700	20,700	20,700	23,200	-	12%
10-20	OPEB	40,154	33,500	33,500	47,300	52,900	-	58%
	PERSONNEL COSTS	**503,003**	**503,300**	**507,300**	**511,300**	**558,200**	**-**	**11%**
20-22	OFFICE SUPPLIES	666	700	700	700	700	-	0%
20-23	PRINTING AND DUPLICATING	2,834	3,300	3,300	3,300	2,900	-	-12%
20-26	PROGRAM EXPENSES/SUPPLIES	1,800	1,800	1,800	8,900	8,900	-	394%
20-37	COMPUTER SOFTWARE	-	-	300	300	-	-	0%
20-38	COMPUTER HARDWARE	-	2,600	2,600	1,300	1,300	-	-50%
	MATERIALS & SUPPLIES	**5,300**	**8,400**	**8,700**	**14,500**	**13,800**	**-**	**64%**
30-21	TELEPHONE/FAX	644	800	800	800	800	-	0%
30-27	SUBSCRIPTIONS AND DUES	4,182	4,500	4,500	4,500	3,800	-	-16%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,229	2,200	2,200	2,200	2,200	-	0%
30-31	CONTRACTUAL SERVICES	94,895	5,000	5,000	-	-	-	-100%
30-32	LEGAL EXPENSES	304,361	159,000	153,700	150,000	150,000	-	-6%
30-35	COMMUNITY RELATIONS EXP	1,559	200	5,200	200	200	-	0%
30-37	OTHER EXPENSES	-	90,400	89,400	-	-	-	-100%
30-62	GASOLINE	28	100	100	100	-	-	-100%
30-91	ECONOMIC DEVELOPMENT	-	18,500	18,500	18,500	18,500	-	0%
	ADMINISTRATIVE EXPENDITURES	**408,898**	**280,700**	**279,400**	**176,300**	**175,500**	**-**	**-37%**
	OPERATING EXPENDITURES	**917,201**	**792,400**	**795,400**	**702,100**	**747,500**	**-**	**-6%**
40-22	AUTOMOBILES - PURCHASE	-	-	17,800	-	-	-	0%
40-31	CONSTRUCTION - PURCHASE	-	-	434,600	-	-	-	
	CAPITAL OUTLAY	**-**	**-**	**452,400**	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 917,201**	**$ 792,400**	**$ 1,247,800**	**$ 702,100**	**$ 747,500**	**$ -**	**-6%**
	REVENUES							
	GENERAL FUND	$ 917,201	$ 792,400	$ 795,400	$ 702,100	$ 747,500	$ -	
	GOV. CAPITAL PROJECT FUND	-	-	452,400	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	4.0	5.0		
	BUDGETED PART-TIME POSITIONS	4.0	4.0	4.0	4.0	-		

City Clerk

Fiscal Year 2018 Organizational Chart



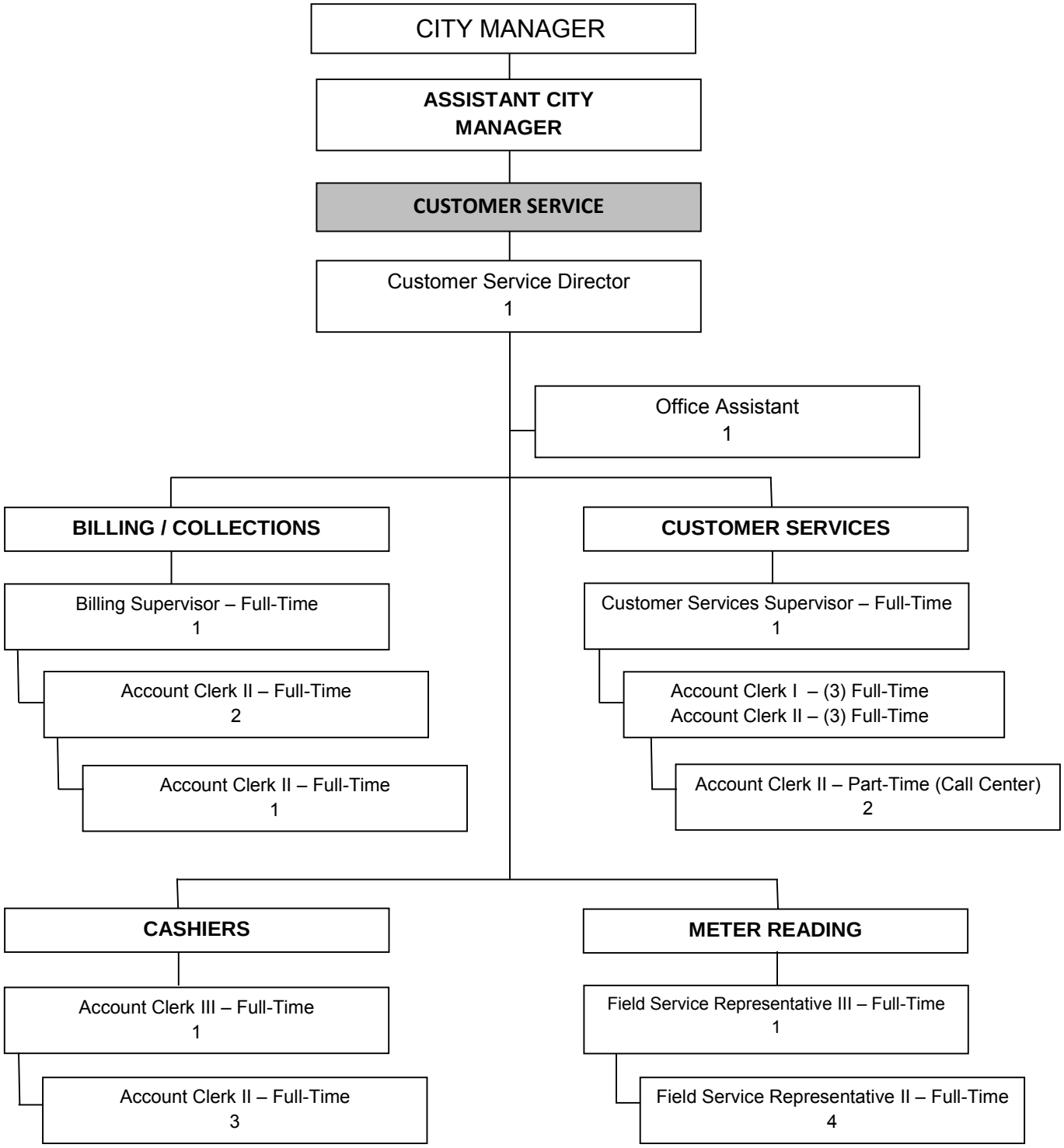
*Appointed by Council

CITY CLERK
110-1100-511

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 222,136	$ 228,300	$ 231,900	$ 228,300	$ 228,300	$ -	0%
10-14	FICA TAXES	16,525	17,500	17,800	17,500	17,500	-	0%
10-15	HEALTH INSURANCE	35,977	42,800	42,800	41,600	41,600	-	-3%
10-16	L I D INSURANCE	1,475	1,600	1,600	1,600	1,600	-	0%
10-17	WORKERS COMPENSATION	720	700	700	700	700	-	0%
10-19	PENSION	43,869	59,800	59,800	61,400	61,400	-	3%
10-20	OPEB	25,585	22,100	22,100	31,300	31,300	-	42%
	PERSONNEL COSTS	**346,287**	**372,800**	**376,700**	**382,400**	**382,400**	**-**	**3%**
20-22	OFFICE SUPPLIES	1,081	1,400	1,400	2,200	2,200	-	57%
20-23	PRINTING AND DUPLICATING	2,031	2,700	2,700	2,700	2,700	-	0%
20-37	COMPUTER SOFTWARE	507	500	500	1,100	2,700	-	440%
20-38	COMPUTER HARDWARE	-	4,600	4,600	9,000	4,600	-	0%
	MATERIALS & SUPPLIES	**3,619**	**9,200**	**9,200**	**15,000**	**12,200**	**-**	**33%**
30-21	TELEPHONE/FAX	490	500	500	500	500	-	0%
30-25	ADVERTISEMENT	996	1,000	1,000	1,000	1,000	-	0%
30-27	SUBSCRIPTIONS AND DUES	735	700	700	500	500	-	-29%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,569	2,900	2,900	8,000	1,300	-	-55%
30-31	CONTRACTUAL SERVICES	11,638	15,000	15,000	31,500	31,500	-	110%
30-34	ELECTION RELATED EXPENSES	194	9,200	9,200	200	200	-	-98%
30-61	OFF EQUIP/REPAIRS & MAINT	2,572	1,000	1,000	300	300	-	-70%
	ADMINISTRATIVE EXPENDITURES	**20,195**	**30,300**	**30,300**	**42,000**	**35,300**	**-**	**17%**
	OPERATING EXPENDITURES	**370,101**	**412,300**	**416,200**	**439,400**	**429,900**	**-**	**4%**
40-25	OTHER EQUIP - PURCHASE	**-**	-	155,400	-	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**155,400**	**-**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 370,101**	**$ 412,300**	**$ 416,200**	**$ 439,400**	**$ 429,900**	**$ -**	**4%**
	REVENUES							
	GENERAL FUND	$ 370,101	$ 412,300	$ 416,200	$ 439,400	$ 429,900	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	4.0	4.0		

Customer Service

Fiscal Year 2018 Organization Chart

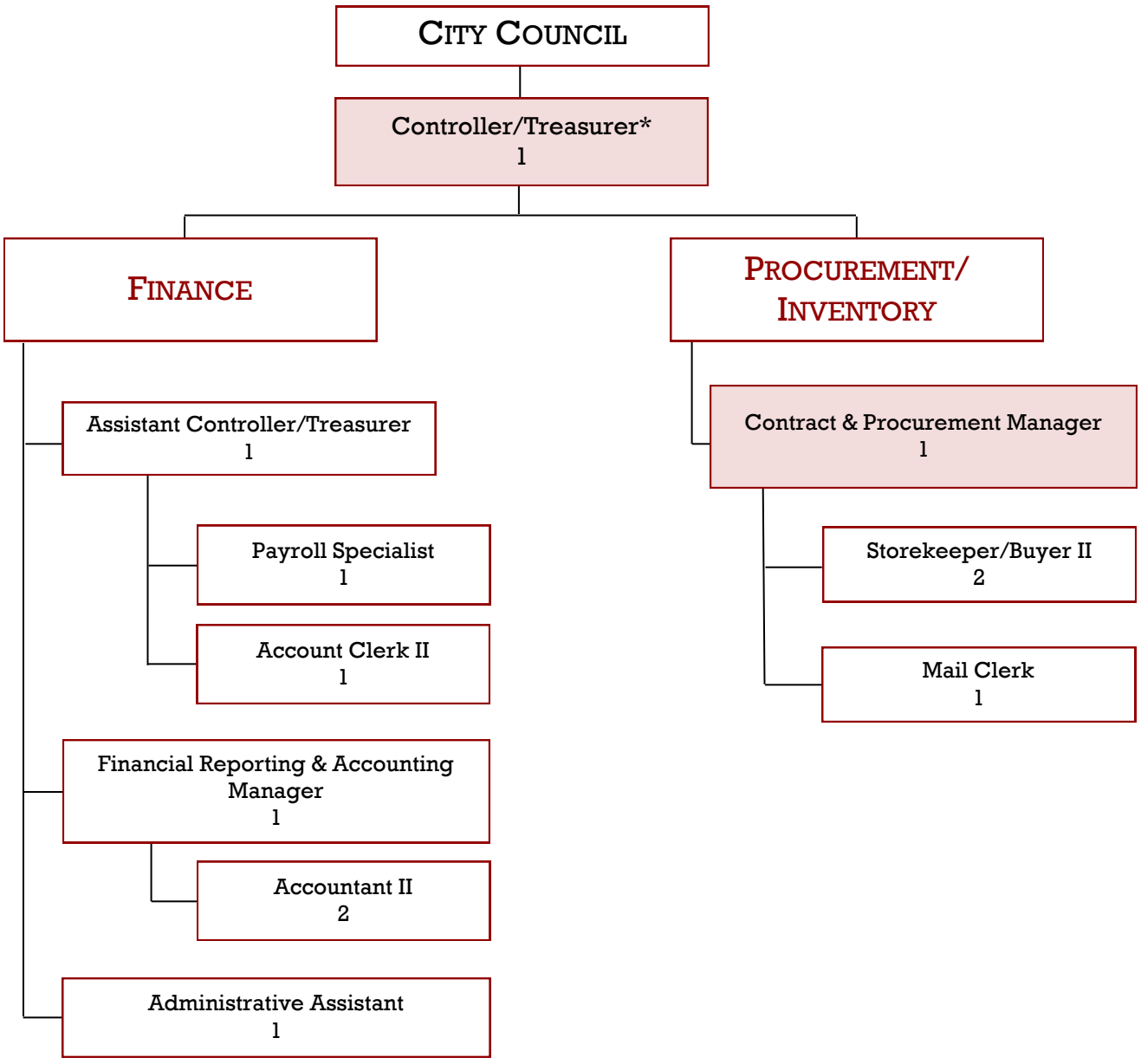


CUSTOMER SERVICES
110-2900-529

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 548,364	$ 556,100	$ 618,100	$ 658,600	$ 638,100	$ -	15%
10-12	OVERTIME	123	-	-	-	-	-	0%
10-13	TEMPORARY HELP	46,658	82,700	82,700	39,100	39,100	-	-53%
10-14	FICA TAXES	43,820	48,800	57,500	53,300	51,800	-	6%
10-15	HEALTH INSURANCE	123,999	133,700	157,200	184,900	168,100	-	26%
10-16	L I D INSURANCE	3,038	3,200	3,200	3,800	3,700	-	16%
10-17	WORKERS COMPENSATION	1,928	2,100	2,500	2,300	2,200	-	5%
10-19	PENSION	139,540	196,700	202,600	122,200	121,000	-	-38%
10-20	OPEB	63,116	53,900	53,900	90,200	87,400	-	62%
	PERSONNEL COSTS	**970,586**	**1,077,200**	**1,177,700**	**1,154,400**	**1,111,400**	**-**	**3%**
20-21	FURNITURE/FIXTURES	378	400	400	400	400	-	0%
20-22	OFFICE SUPPLIES	12,897	13,600	13,600	13,700	13,600	-	0%
20-23	PRINTING AND DUPLICATING	14,914	15,000	15,000	15,000	15,000	-	0%
20-37	COMPUTER SOFTWARE	10	300	300	500	-	-	-100%
20-38	COMPUTER HARDWARE	11,417	3,300	3,300	6,200	3,300	-	0%
	MATERIALS & SUPPLIES	**39,615**	**32,600**	**32,600**	**35,800**	**32,300**	**-**	**-1%**
30-21	TELEPHONE/FAX	4,506	5,100	5,100	5,200	5,100	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,000	1,000	1,000	2,500	1,000	-	0%
30-31	CONTRACTUAL SERVICES	12,321	12,500	12,500	12,500	1,000	-	-92%
30-61	OFF EPUIP/REPAIRS & MAINT	9,858	15,400	15,400	15,400	15,400	-	0%
	ADMINISTRATIVE EXPENDITURES	**27,685**	**34,000**	**34,000**	**35,600**	**22,500**	**-**	**-34%**
	OPERATING EXPENDITURES	**1,037,886**	**1,143,800**	**1,244,300**	**1,225,800**	**1,166,200**	**-**	**2%**
	TOTAL EXPENDITURES	**$ 1,037,886**	**$ 1,143,800**	**$ 1,244,300**	**$ 1,225,800**	**$ 1,166,200**	**$ -**	**2%**
	REVENUES							
	GENERAL FUND	$ 1,037,886	$ 1,143,800	$ 1,244,300	$ 1,225,800	$ 1,166,200	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	14.0	13.0	18.0	17.0	16.0		
	BUDGETED PART-TIME POSITIONS	4.0	4.0	2.0	2.0	2.0		

Finance

Fiscal Year 2018 Organizational Chart



* Appointed by Council

FINANCE
110-2300-517

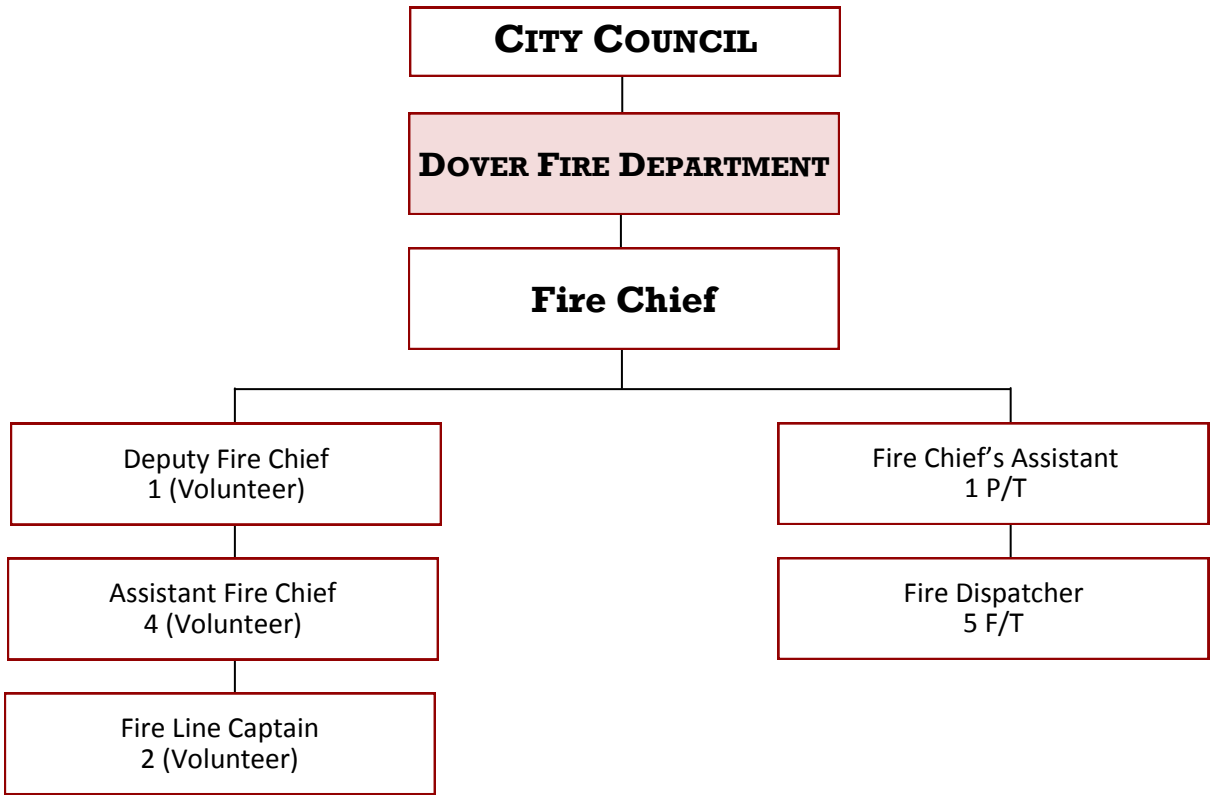
ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 518,474	$ 515,800	$ 520,700	$ 517,200	$ 517,200	$ -	0%
10-12	OVERTIME	12	-	-	-	-	-	0%
10-14	FICA TAXES	37,031	39,400	39,800	39,500	39,500	-	0%
10-15	HEALTH INSURANCE	95,736	104,000	104,000	99,900	99,900	-	-4%
10-16	L I D INSURANCE	2,734	2,900	2,900	3,000	3,000	-	3%
10-17	WORKERS COMPENSATION	1,680	1,700	1,700	1,700	1,700	-	0%
10-18	EDUCATIONAL ASSISTANCE	4,640	-	1,200	-	-	-	0%
10-19	PENSION	74,700	97,800	97,800	101,000	101,000	-	3%
10-20	OPEB	59,825	50,000	50,000	70,900	70,900	-	42%
	PERSONNEL COSTS	**794,832**	**811,600**	**818,100**	**833,200**	**833,200**	**-**	**3%**
20-22	OFFICE SUPPLIES	690	800	800	800	700	-	-13%
20-23	PRINTING AND DUPLICATING	2,598	1,900	1,900	2,200	2,200	-	16%
20-38	COMPUTER HARDWARE	-	-	-	2,600	1,300	-	0%
	MATERIALS & SUPPLIES	**3,288**	**2,700**	**2,700**	**5,600**	**4,200**	**-**	**56%**
30-21	TELEPHONE/FAX	1,380	1,400	1,400	1,900	1,900	-	36%
30-25	ADVERTISEMENT	171	200	200	300	200	-	0%
30-27	SUBSCRIPTIONS AND DUES	1,463	1,200	1,200	1,200	1,200	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,556	2,200	2,200	5,000	2,500	-	14%
30-31	CONTRACTUAL SERVICES	173,659	188,100	188,100	187,200	182,200	-	-3%
30-61	OFF EQUIP/REPAIRS & MAINT	2,200	3,700	3,700	3,700	3,700	-	0%
	ADMINISTRATIVE EXPENDITURES	**181,429**	**196,800**	**196,800**	**199,300**	**191,700**	**-**	**-3%**
	OPERATING EXPENDITURES	**979,550**	**1,011,100**	**1,017,600**	**1,038,100**	**1,029,100**	**-**	**2%**
	TOTAL EXPENDITURES	**$ 979,550**	**$ 1,011,100**	**$ 1,017,600**	**$ 1,038,100**	**$ 1,029,100**	**$ -**	**2%**
	REVENUES							
	GENERAL FUND	$ 979,550	$ 1,011,100	$ 1,017,600	$ 1,038,100	$ 1,029,100	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	8.0	8.0	8.0	8.0	8.0		
	BUDGETED PART-TIME POSITIONS	1.0	-	-	-	-		

PROCUREMENT & INVENTORY
110-2700-571

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 162,890	$ 165,800	$ 165,800	$ 168,700	$ 168,700	$ -	2%
10-12	OVERTIME	489	1,000	1,000	1,000	1,000	-	0%
10-13	TEMPORARY HELP	10,658	21,400	21,400	22,500	22,500	-	5%
10-14	FICA TAXES	13,091	14,400	14,400	14,700	14,700	-	2%
10-15	HEALTH INSURANCE	14,680	15,700	15,700	15,700	15,700	-	0%
10-16	L I D INSURANCE	899	1,000	1,000	1,000	1,000	-	0%
10-17	WORKERS COMPENSATION	3,313	6,100	6,100	6,900	6,900	-	13%
10-18	EDUCATIONAL ASSISTANCE	5,739	-	-	-	-	-	0%
10-19	PENSION	51,986	72,500	72,500	76,400	76,400	-	5%
10-20	OPEB	19,044	16,100	16,100	23,100	23,100	-	43%
	PERSONNEL COSTS	**282,788**	**314,000**	**314,000**	**330,000**	**330,000**	**-**	**5%**
20-21	FURNITURE/FIXTURES	-	300	300	300	-	-	-100%
20-22	OFFICE SUPPLIES	214	400	400	300	300	-	-25%
20-23	PRINTING AND DUPLICATING	3,511	3,600	3,600	3,600	3,600	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	992	1,000	1,000	1,000	1,000	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	634	900	900	900	900	-	0%
20-31	BOOKS	-	-	-	300	-	-	0%
20-32	SECURITY/SAFETY MATERIALS	-	500	500	500	500	-	0%
20-37	COMPUTER SOFTWARE	50	200	200	200	-	-	-100%
20-38	COMPUTER HARDWARE	516	1,800	1,800	2,200	1,800	-	0%
20-46	CITY BLDG MAINT SUPPLIES	12,714	2,200	2,200	4,900	4,900	-	123%
20-58	WATER/SEWER	2,271	3,000	3,000	3,000	3,000	-	0%
	MATERIALS & SUPPLIES	**20,902**	**13,900**	**13,900**	**17,200**	**16,000**	**-**	**15%**
30-21	TELEPHONE/FAX	1,395	1,400	1,400	1,400	1,400	-	0%
30-22	POSTAGE	148,931	150,000	150,000	150,000	150,000	-	0%
30-23	ELECTRICITY	62,439	65,000	65,000	65,000	64,000	-	-2%
30-24	HEATING OIL/GAS	28	100	100	100	100	-	0%
30-25	ADVERTISEMENT	2,909	2,500	2,500	2,500	2,500	-	0%
30-27	SUBSCRIPTIONS AND DUES	515	600	600	700	700	-	17%
30-28	TRAINING/CONF/FOOD/TRAVEL	250	2,700	2,700	1,600	1,000	-	-63%
30-31	CONTRACTUAL SERVICES	18,566	24,500	24,500	25,300	26,300	-	7%
30-43	ENVIRONMENTAL EXPENSES	2,580	3,500	3,500	3,500	3,500	-	0%
30-61	OFF EPUIP/REPAIRS & MAINT	4,534	5,000	5,000	5,000	5,000	-	0%
30-62	GASOLINE	1,208	1,500	1,500	1,500	1,500	-	0%
30-66	OTHER EPUIP REPAIRS/MAINT	519	200	200	300	300	-	50%
30-67	RADIO REPAIRS/MAINTENANCE	83	200	200	200	200	-	0%
	ADMINISTRATIVE EXPENDITURES	**243,958**	**257,200**	**257,200**	**257,100**	**256,500**	**-**	**0%**
	OPERATING EXPENDITURES	**547,648**	**585,100**	**585,100**	**604,300**	**602,500**	**-**	**3%**
	TOTAL EXPENDITURES	**$ 547,648**	**$ 585,100**	**$ 585,100**	**$ 604,300**	**$ 602,500**	**$ -**	**3%**
	REVENUES							
	GENERAL FUND	$ 547,648	$ 585,100	$ 585,100	$ 604,300	$ 602,500	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0		
	BUDGETED PART-TIME POSITIONS	1.0	1.0	1.0	1.0	1.0		

Dover Fire Department

Fiscal Year 2018 Organizational Chart



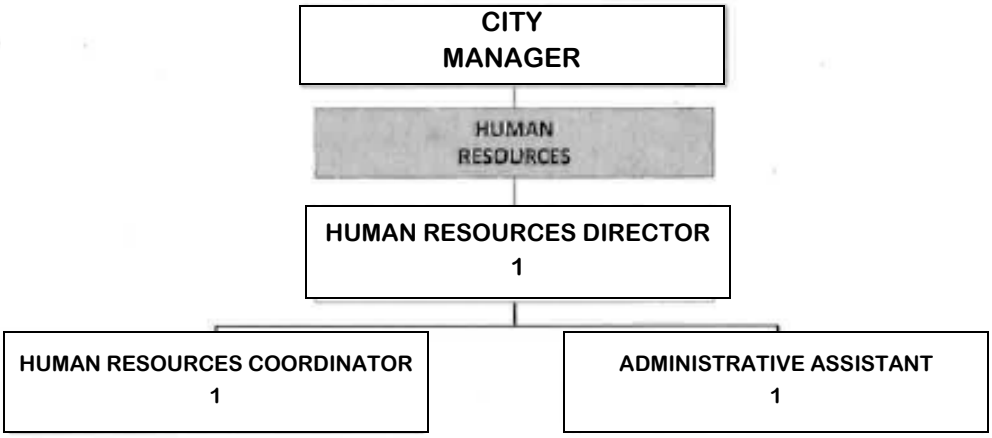
FIRE DEPARTMENT
110-1400-514

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 160,598	$ 208,100	$ 186,300	$ 215,100	$ 215,100	$ -	3%
10-12	OVERTIME	32,036	43,000	43,000	35,000	35,000	-	-19%
10-13	TEMPORARY HELP	47,557	37,100	42,900	25,000	25,000	-	-33%
10-14	FICA TAXES	18,138	22,000	22,000	20,900	21,000	-	-5%
10-15	HEALTH INSURANCE	34,947	39,000	39,000	45,800	45,800	-	17%
10-16	L I D INSURANCE	913	1,100	1,100	1,100	1,100	-	0%
10-17	WORKERS COMPENSATION	773	900	900	900	900	-	0%
10-19	PENSION	39,512	66,400	66,400	69,100	69,100	-	4%
10-20	OPEB	20,505	20,100	20,100	29,400	29,400	-	46%
	PERSONNEL COSTS	**354,979**	**437,700**	**421,700**	**442,300**	**442,400**	**-**	**1%**
30-28	TRAINING/CONF/FOOD/TRAVEL	-	1,000	1,000	1,000	1,000	-	0%
30-31	CONTRACTUAL SERVICES	332,500	283,000	299,000	366,500	331,500	-	17%
	ADMINISTRATIVE EXPENDITURES	**332,500**	**284,000**	**300,000**	**367,500**	**332,500**	**-**	**17%**
	OPERATING EXPENDITURES	**687,479**	**721,700**	**721,700**	**809,800**	**774,900**	**-**	**7%**
40-25	OTHER EQUIP - PURCHASE	445,594	145,700	145,700	184,100	184,100	-	26%
40-31	CONSTRUCTION - PURCHASE	-	-	-	-	-	-	0%
	CAPITAL OUTLAY	**445,594**	**145,700**	**145,700**	**184,100**	**184,100**	**-**	**26%**
	TOTAL EXPENDITURES	**$ 1,133,074**	**$ 867,400**	**$ 867,400**	**$ 993,900**	**$ 959,000**	**$ -**	**11%**
	REVENUES							
	GENERAL FUND	$ 687,479	$ 721,700	$ 721,700	$ 809,800	$ 774,900	$ -	
	GOV. CAPITAL PROJECT FUND	445,594	145,700	145,700	184,100	184,100	-	

PERSONNEL						
BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0	
BUDGETED PART-TIME POSITIONS	3.0	5.0	5.0	5.0	5.0	

Human Resources

Fiscal Year 2018 Organizational Chart

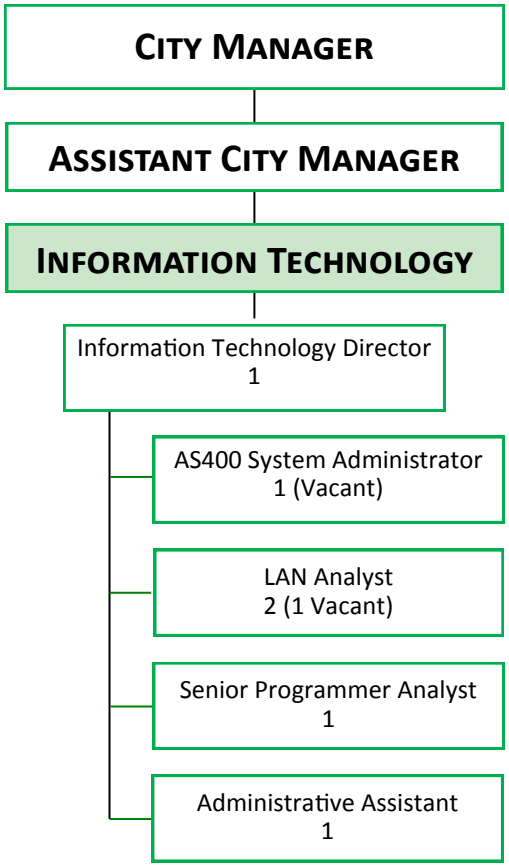


HUMAN RESOURCES
110-3100-518

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 190,880	$ 187,100	$ 194,300	$ 187,100	$ 187,100	$ -	0%
10-12	OVERTIME	159	-	-	-	-	-	0%
10-14	FICA TAXES	13,923	14,300	14,800	14,300	14,300	-	0%
10-15	HEALTH INSURANCE	33,650	39,600	39,600	47,400	47,400	-	20%
10-16	L I D INSURANCE	1,229	1,300	1,300	1,300	1,300	-	0%
10-17	WORKERS COMPENSATION	619	600	600	600	600	-	0%
10-18	EDUCATIONAL ASSISTANCE	2,414	-	1,200	-	-	-	0%
10-19	PENSION	59,911	84,100	84,100	86,400	86,400	-	3%
10-20	OPEB	21,977	18,100	18,100	25,600	25,600	-	41%
	PERSONNEL COSTS	**324,762**	**345,100**	**354,000**	**362,700**	**362,700**	**-**	**5%**
20-21	FURNITURE/FIXTURES	-	-	1,000	1,000	-	-	100%
20-22	OFFICE SUPPLIES	716	800	800	800	800	-	0%
20-23	PRINTING AND DUPLICATING	3,198	3,000	3,000	3,000	3,000	-	0%
20-26	PROGRAM EXPENSES/SUPPLIES	298	400	400	400	400	-	0%
20-28	MEDICAL SUP & PHYSICALS	14,318	14,000	14,000	16,000	14,000	-	0%
20-31	BOOKS	571	500	500	-	-	-	-100%
20-32	SECURITY/SAFETY MATERIALS	248	300	300	300	300	-	0%
20-37	COMPUTER SOFTWARE	-	400	400	-	-	-	-100%
20-38	COMPUTER HARDWARE	2,715	-	-	2,800	1,500	-	0%
20-48	PERSONNEL RELATED SUP	9,558	10,000	10,000	12,000	9,000	-	-10%
	MATERIALS & SUPPLIES	**31,621**	**29,400**	**30,400**	**36,300**	**29,000**	**-**	**-1%**
30-21	TELEPHONE/FAX	457	500	500	500	500	-	0%
30-25	ADVERTISEMENT	2,640	5,600	5,600	76,000	20,000	-	257%
30-27	SUBSCRIPTIONS AND DUES	719	900	900	800	600	-	-33%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,959	2,500	2,500	4,500	2,500	-	0%
30-29	CONSULTING FEES	-	-	-	15,000	7,500	-	0%
30-31	CONTRACTUAL SERVICES	-	1,000	1,000	1,000	1,000	-	0%
30-39	IN-HOUSE TRAINING	680	1,500	1,500	700	500	-	-67%
30-41	UNEMPLOYMENT COMP EXPENSE	2,975	6,000	6,000	4,000	6,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**10,429**	**18,000**	**18,000**	**102,500**	**38,600**	**-**	**114%**
	OPERATING EXPENDITURES	**366,812**	**392,500**	**402,400**	**501,500**	**430,300**	**-**	**10%**
	TOTAL EXPENDITURES	**$ 366,812**	**$ 392,500**	**$ 402,400**	**$ 501,500**	**$ 430,300**	**$ -**	**10%**
	REVENUES							
	GENERAL FUND	$ 366,812	$ 392,500	$ 402,400	$ 501,500	$ 430,300	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0		

Information Technology

Fiscal Year 2018 Organization Chart

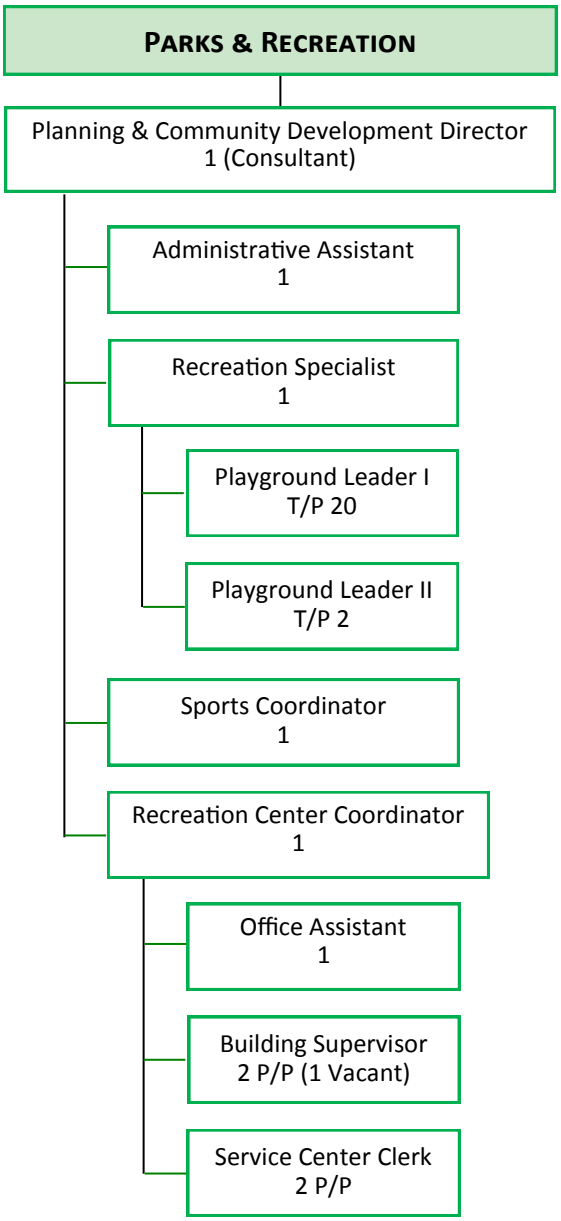


INFORMATION TECHNOLOGY
110-2200-516

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 210,688	$ 250,200	$ 253,600	$ 250,200	$ 247,300	$ -	-1%
10-13	TEMPORARY	-	13,800	13,800	13,800	-	-	-100%
10-14	FICA TAXES	15,765	20,200	20,500	20,200	18,900	-	-6%
10-15	HEALTH INSURANCE	19,641	33,500	33,500	34,300	35,000	-	4%
10-16	L I D INSURANCE	1,026	1,300	1,300	1,300	1,300	-	0%
10-17	WORKERS COMPENSATION	683	900	900	900	800	-	-11%
10-18	EDUCATIONAL ASSISTANCE	5,259	-	-	-	-	-	0%
10-19	PENSION	68,018	97,200	97,200	99,700	99,500	-	2%
10-20	OPEB	23,735	24,300	24,300	34,300	33,900	-	40%
	PERSONNEL COSTS	**344,815**	**441,400**	**445,100**	**454,700**	**436,700**	**-**	**-1%**
20-22	OFFICE SUPPLIES	517	1,100	1,100	1,000	600	-	-45%
20-34	DATA PROCESSING SUPPLIES	597	1,000	1,000	900	600	-	-40%
20-37	COMPUTER SOFTWARE	80,826	83,000	85,000	86,000	86,000	-	4%
20-38	COMPUTER HARDWARE	5,936	13,600	13,600	9,600	7,600	-	-44%
	MATERIALS & SUPPLIES	**87,875**	**98,700**	**100,700**	**97,500**	**94,800**	**-**	**-4%**
30-21	TELEPHONE/FAX	1,899	2,300	2,300	2,500	2,000	-	-13%
30-27	SUBSCRIPTIONS AND DUES	195	200	200	700	700	-	250%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,342	1,500	1,500	1,500	1,500	-	0%
30-31	CONTRACTUAL SERVICES	34,099	34,800	34,800	31,100	101,100	-	191%
30-39	IN-HOUSE TRAINING	6,200	6,400	6,400	6,400	6,400	-	0%
30-61	OFF EPUIP/REPAIRS & MAINT	126,732	130,900	128,900	133,400	130,900	-	0%
30-62	GASOLINE	68	100	100	100	100	-	0%
	ADMINISTRATIVE EXPENDITURES	**170,535**	**176,200**	**174,200**	**175,700**	**242,700**	**-**	**38%**
	OPERATING EXPENSES	**603,226**	**716,300**	**720,000**	**727,900**	**774,200**	**-**	**8%**
40-28	COMPUTER HARDWARE/CAPITAL	-	-	-	50,600	36,600	-	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**50,600**	**36,600**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 603,226**	**$ 716,300**	**$ 720,000**	**$ 778,500**	**$ 810,800**	**$ -**	**13%**
	REVENUES							
	GENERAL FUND	$ 603,226	$ 716,300	$ 720,000	$ 727,900	$ 774,200	$ -	
	GOV. CAPITAL PROJECT FUND	-	-	-	50,600	36,600	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	4.0	4.0		
	BUDGETED PART-TIME POSITIONS	1.0	1.0	1.0	1.0	-		

PARKS & RECREATION

Fiscal Year 2018 Organization Chart

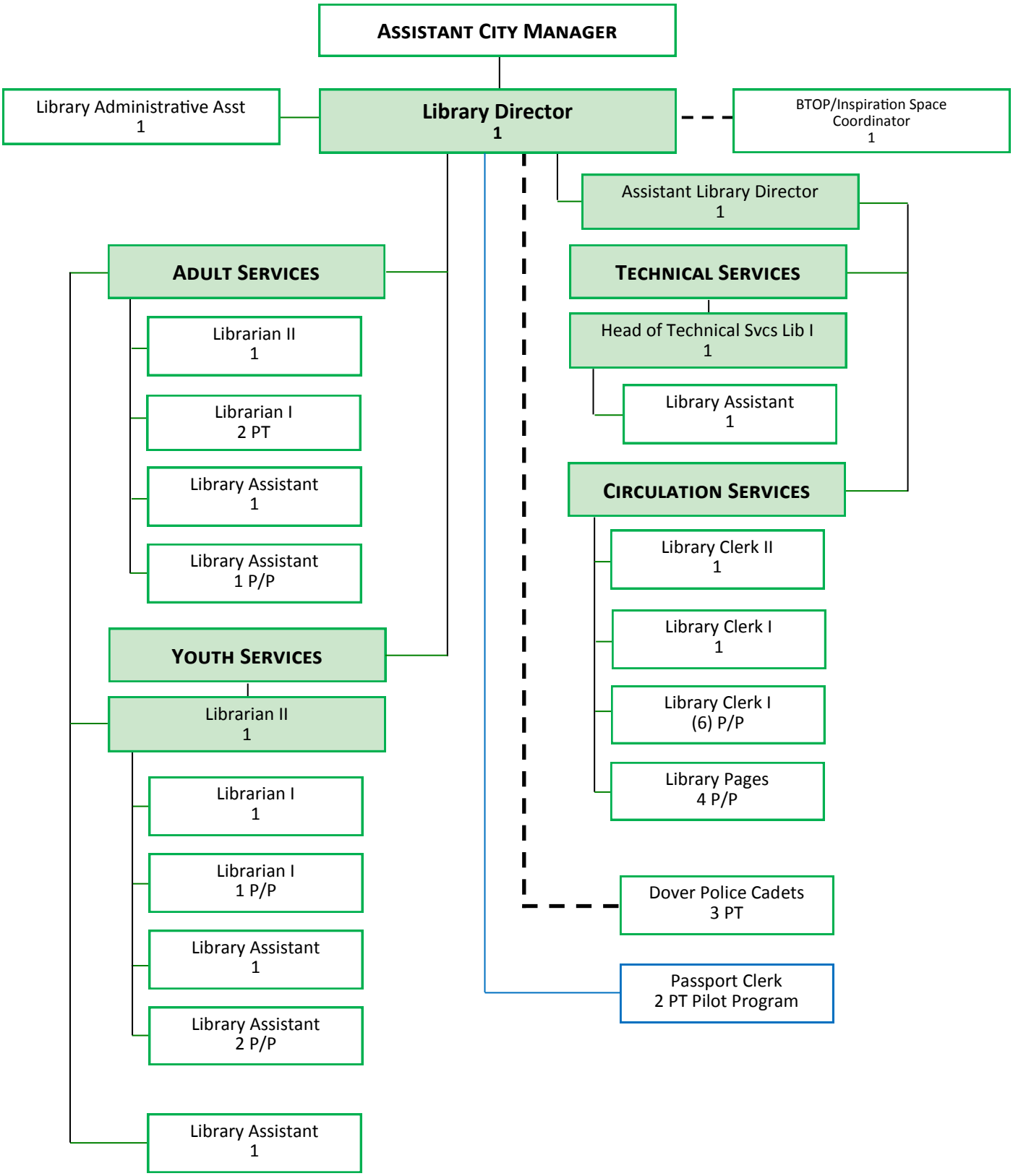


RECREATION
110-1500-525

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE	2017-2018 Subs Abuse BUDGET
10-11	SALARIES	$ 234,936	$ 234,400	$ 240,300	$ 235,600	$ 235,600	$ -	1%	$ -
10-12	OVERTIME	1,710	1,600	1,600	1,600	1,600	-	0%	-
10-13	TEMPORARY HELP	81,555	122,100	122,100	122,800	122,800	-	1%	62,700
10-14	FICA TAXES	23,561	27,400	27,900	27,500	27,500	-	0%	4,800
10-15	HEALTH INSURANCE	47,867	51,400	51,400	51,400	51,400	-	0%	-
10-16	L I D INSURANCE	1,479	1,200	1,200	1,200	1,200	-	0%	-
10-17	WORKERS COMPENSATION	1,027	1,100	1,100	1,200	1,200	-	9%	200
10-19	PENSION	29,554	37,600	37,600	39,100	39,100	-	4%	-
10-20	OPEB	27,061	22,700	22,700	32,300	32,300	-	42%	-
	PERSONNEL COSTS	**448,749**	**499,500**	**505,900**	**512,700**	**512,700**	**-**	**3%**	**67,700**
20-22	OFFICE SUPPLIES	1,998	2,000	2,000	2,000	2,000	-	0%	-
20-23	PRINTING AND DUPLICATING	3,798	3,000	3,000	3,000	2,500	-	-17%	-
20-26	PROGRAM EXPENSES/SUPPLIES	61,724	43,000	43,000	43,000	43,000	-	0%	35,000
20-32	SECURITY/SAFETY MATERIALS	-	500	500	500	500	-	0%	-
20-37	COMPUTER SOFTWARE	2,700	2,700	2,700	3,200	2,900	-	7%	-
20-38	COMPUTER HARDWARE	3,461	-	-	1,500	1,500	-	0%	-
20-46	CITY BLDG MAINT SUPPLIES	4,142	5,000	5,000	5,000	4,500	-	-10%	-
20-58	WATER/SEWER	776	800	800	800	800	-	0%	-
	MATERIALS & SUPPLIES	**78,600**	**57,000**	**57,000**	**59,000**	**57,700**	**-**	**1%**	**35,000**
30-21	TELEPHONE/FAX	2,264	2,100	2,100	2,300	2,300	-	10%	-
30-23	ELECTRICITY	55,538	62,000	62,000	62,000	57,000	-	-8%	-
30-24	HEATING OIL/GAS	3,433	6,000	6,000	6,000	6,000	-	0%	-
30-27	SUBSCRIPTIONS AND DUES	2,368	2,100	2,100	2,100	2,100	-	0%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	195	500	500	1,700	1,200	-	140%	-
30-31	CONTRACTUAL SERVICES	121,182	119,500	119,500	126,300	122,000	-	2%	-
30-61	OFF EQUIP/REPAIRS & MAINT	161	1,000	1,000	1,000	1,000	-	0%	-
30-62	GASOLINE	971	1,200	1,200	900	900	-	-25%	-
	ADMINISTRATIVE EXPENDITURES	**186,113**	**194,400**	**194,400**	**202,300**	**192,500**	**-**	**-1%**	**-**
	OPERATING EXPENDITURES	**713,462**	**750,900**	**757,300**	**774,000**	**762,900**	**-**	**2%**	**102,700**
40-25	OTHER EQUIP - PURCHASE	7,850	-	-	-	-	-	0%	-
40-31	CONSTRUCTION - PURCHASE	62,664	165,000	-	241,000	271,000	-	64%	-
	CAPITAL OUTLAY	**70,514**	**165,000**	**-**	**241,000**	**271,000**	**-**	**64%**	**-**
	TOTAL EXPENDITURES	**$ 783,976**	**$ 915,900**	**$ 757,300**	**$ 1,015,000**	**$ 1,033,900**	**$ -**	**13%**	**$ 102,700**
	REVENUES								
	GENERAL FUND	$ 713,462	$ 750,900	$ 757,300	$ 774,000	$ 762,900	$ -		$ -
	GOV. CAPITAL PROJECT FUND	70,514	165,000	-	241,000	271,000	-		-
	GRANT FUNDS	-	-	-	-	-	-		102,700
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0			-
	PP/TEMP	14.0	14.0	14.0	14.0	14.0			10.0

Dover Public Library

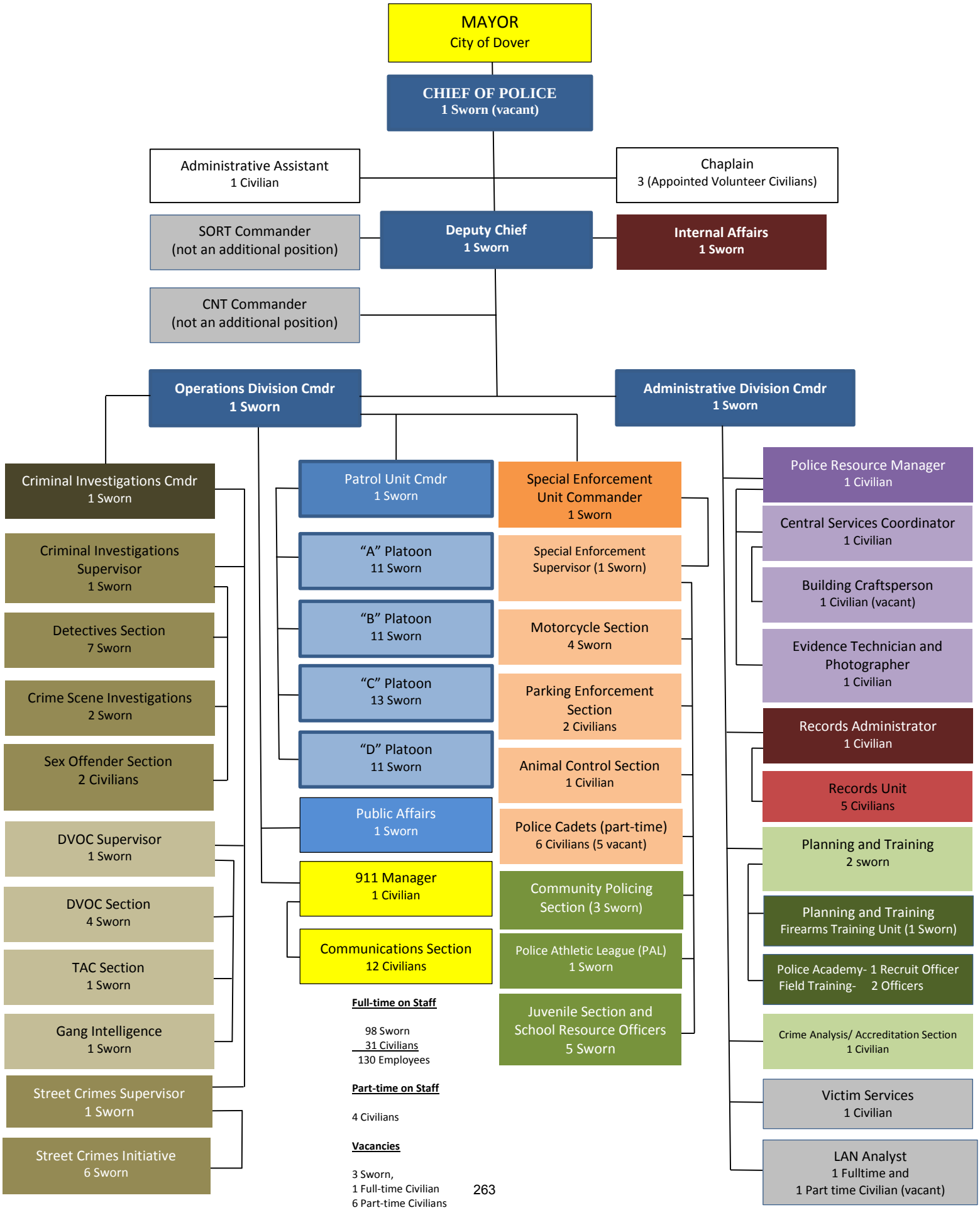
Fiscal Year 2018 Organization Chart



LIBRARY
110-1500-523

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE	2017-2018 GRANTS BUDGET
10-11	SALARIES	$ 562,167	$ 616,300	$ 633,700	$ 615,800	$ 614,400	$ -	0%	$ -
10-12	OVERTIME	2,892	3,700	3,700	3,700	3,700	-	0%	-
10-13	TEMPORARY HELP	224,690	271,200	271,200	305,000	305,000	-	12%	-
10-14	FICA TAXES	57,156	68,100	70,000	70,700	70,500	-	4%	-
10-15	HEALTH INSURANCE	156,510	182,700	182,700	167,800	167,800	-	-8%	-
10-16	L I D INSURANCE	3,028	2,500	2,500	2,600	2,600	-	4%	-
10-17	WORKERS COMPENSATION	6,604	9,200	9,600	10,400	10,400	-	13%	-
10-19	PENSION	109,604	155,500	155,500	160,300	160,200	-	3%	-
10-20	OPEB	65,390	59,800	59,800	84,400	84,200	-	41%	-
	PERSONNEL COSTS	**1,188,041**	**1,369,000**	**1,388,700**	**1,420,700**	**1,418,800**	**-**	**4%**	-
20-21	FURNITURE/FIXTURES	-	-	9,000	-	-	-	0%	1,500
20-22	OFFICE SUPPLIES	1,500	1,500	2,500	1,500	1,500	-	0%	30,000
20-26	PROGRAM EXPENSES/SUPPLIES	600	-	-	-	8,500	-	0%	23,500
20-31	BOOKS	53,999	35,200	35,200	54,000	54,000	-	53%	126,400
20-32	SECURITY/SAFETY MATERIALS	2,589	3,300	3,300	1,000	1,000	-	-70%	-
20-37	COMPUTER SOFTWARE	499	500	500	500	400	-	-20%	2,100
20-38	COMPUTER HARDWARE	1,100	1,000	1,000	1,200	1,100	-	10%	1,000
20-46	CITY BLDG MAINT SUPPLIES	10,571	15,000	15,000	15,000	15,000	-	0%	-
20-47	AUDIO VISUAL SUPPLIES	-	-	-	-	-	-	0%	74,700
20-58	WATER/SEWER	2,274	2,400	2,400	2,400	2,300	-	-4%	-
	MATERIALS & SUPPLIES	**73,133**	**58,900**	**68,900**	**75,600**	**83,800**	**-**	**42%**	**272,200**
30-21	TELEPHONE/FAX	4,106	4,000	4,000	4,000	4,000	-	0%	-
30-22	POSTAGE	-	-	-	-	-	-	0%	100
30-23	ELECTRICITY	93,077	93,000	93,000	93,000	89,000	-	-4%	-
30-24	HEATING OIL/GAS	6,998	6,000	6,000	6,000	7,000	-	17%	-
30-27	SUBSCRIPTIONS AND DUES	11,000	11,000	11,000	11,000	11,000	-	0%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	500	-	-	-	-	-	0%	2,500
30-31	CONTRACTUAL SERVICES	49,986	89,300	89,300	90,800	89,300	-	0%	-
30-61	OFF EQUIP/REPAIRS & MAINT	3,800	3,800	3,800	18,800	6,800	-	79%	4,900
30-69	OFFICE EQUIPMENT/LEASE	-	-	2,000	-	-	-	0%	2,000
	ADMINISTRATIVE EXPENDITURES	**169,467**	**207,100**	**209,100**	**223,600**	**207,100**	**-**	**0%**	**9,500**
	OPERATING EXPENDITURES	**1,430,640**	**1,635,000**	**1,666,700**	**1,719,900**	**1,709,700**	**-**	**5%**	**281,700**
40-31	CONSTRUCTION - PURCHASE	-	-	15,000	-	-	-	0%	-
	CAPITAL OUTLAY	**-**	**-**	**15,000**	**-**	**-**	**-**	**0%**	**-**
20-26	FEDERAL PROG EXP/SUPPLIES	-	-	-	-	-	-	**0%**	**2,500**
	TOTAL EXPENDITURES	**$ 1,430,640**	**$ 1,635,000**	**$ 1,681,700**	**$ 1,719,900**	**$ 1,709,700**	**$ -**	**5%**	**$ 284,200**
	REVENUES								
	GENERAL FUND	$ 1,430,640	$ 1,635,000	$ 1,666,700	$ 1,719,900	$ 1,709,700	$ -		$ -
	GOV. CAPITAL PROJECT FUND	-	-	15,000	-	-	-		-
	GRANT FUNDS	-	-	-	-	-	-		284,200
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0			
	BUDGETED PART-TIME POSITIONS	19.0	19.0	21.0	21.0	21.0			

FY 2018 ANNUAL OPERATING Budget - DOVER, DELAWARE
DOVER POLICE DEPARTMENT ORGANIZATIONAL CHART
March 2017



Full-time on Staff

98 Sworn
31 Civilians
130 Employees

Part-time on Staff

4 Civilians

Vacancies

3 Sworn,
1 Full-time Civilian
6 Part-time Civilians

POLICE - CIVILIAN
110-1700-542

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 1,439,499	$ 1,493,700	$ 1,509,000	$ 1,504,300	$ 1,504,300	$ -	1%
10-12	OVERTIME	87,113	70,900	60,400	69,200	69,200	-	-2%
10-14	FICA TAXES	109,924	119,600	120,800	120,300	120,300	-	1%
10-15	HEALTH INSURANCE	301,442	325,900	325,900	374,600	374,600	-	15%
10-16	L I D INSURANCE	7,122	7,200	7,200	7,300	7,300	-	1%
10-17	WORKERS COMPENSATION	11,537	7,200	7,300	7,600	7,600	-	6%
10-18	EDUCATIONAL ASSISTANCE	1,839	-	5,000	-	-	-	0%
10-19	PENSION	337,525	426,800	426,800	465,900	465,900	-	9%
10-20	OPEB	166,415	142,400	142,400	202,500	202,500	-	42%
	PERSONNEL COSTS	**2,462,415**	**2,593,700**	**2,604,800**	**2,751,700**	**2,751,700**	**-**	**6%**

POLICE - LAW ENFORCEMENT
110-1700-543

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	7,685,685	7,503,800	7,651,000	7,647,900	7,607,900	-	0%
10-12	OVERTIME	426,556	450,600	440,200	460,000	460,000	-	0%
10-14	FICA TAXES	593,904	608,300	619,600	617,000	617,000	-	0%
10-15	HEALTH INSURANCE	1,315,472	1,480,100	1,480,100	1,476,600	1,450,600	-	0%
10-16	L I D INSURANCE	26,762	28,400	28,400	28,400	28,400	-	0%
10-17	WORKERS COMPENSATION	401,507	473,000	481,800	497,800	497,800	-	0%
10-18	EDUCATIONAL ASSISTANCE	11,055	-	5,600	-	-	-	0%
10-19	PENSION	987,066	1,004,100	1,004,100	844,900	819,900	-	0%
10-20	OPEB	822,987	704,600	704,600	1,013,600	1,013,600	-	0%
	PERSONNEL COSTS	**12,270,993**	**12,252,900**	**12,415,400**	**12,586,200**	**12,495,200**	**-**	**2%**

POLICE - EXTRA DUTY
110-1700-544

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	609,839	689,800	710,700	492,100	492,000	-	-29%
10-14	FICA TAXES	47,521	52,800	52,800	37,600	37,600	-	-29%
10-17	WORKERS COMPENSATION	26,500	41,000	41,000	30,400	30,400	-	-26%
	PERSONNEL COSTS	**683,859**	**783,600**	**804,500**	**560,100**	**560,000**	**-**	**-29%**
	TOTAL PERSONNEL COSTS	**$ 15,417,267**	**$ 15,630,200**	**$ 15,824,700**	**$ 15,898,000**	**$ 15,806,900**	**$ -**	**1%**

POLICE - CADET PROGRAM IN POLICE GRANT FUND
710-1700-545

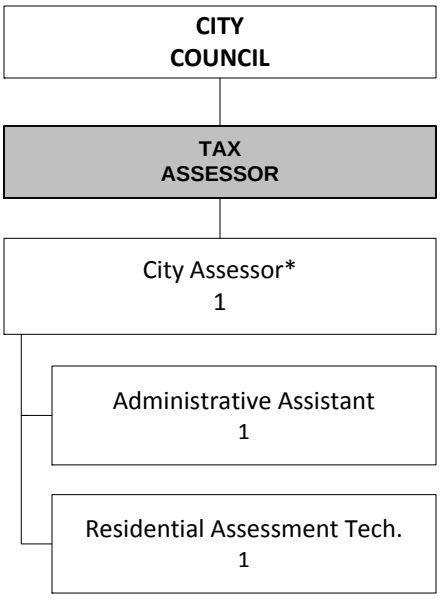
ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-13	TEMPORARY HELP	67,850	71,400	71,400	71,400	11,900	-	-83%
10-14	FICA TAXES	5,191	5,500	5,500	5,500	900	-	-84%
10-17	WORKERS COMPENSATION	3,383	4,200	4,200	4,400	700	-	-83%
	PERSONNEL COSTS	**76,423**	**81,100**	**81,100**	**81,300**	**13,500**	**-**	**-83%**
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	134.0	134.0	134.0	134.0	134.0		
	BUDGETED PART-TIME POSITIONS -	6.0	6.0	6.0	6.0	1.0		

POLICE - ADMINISTRATION
110-1700-541

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE	2017-2018 GRANTS BUDGET
20-14	CI PETTY CASH DISBURSEMTS	$ 41,367	$ 8,000	$ 8,000	$ 1,000	$ 1,000	$ -	-88%	$ -
20-21	FURNITURE/FIXTURES	-	-	-	4,000	4,000	-	0%	-
20-22	OFFICE SUPPLIES	6,083	7,000	7,000	7,000	7,000	-	0%	-
20-23	PRINTING AND DUPLICATING	19,135	14,000	14,000	17,000	17,000	-	21%	-
20-24	PHOTOGRAPHIC	1,371	1,500	1,000	3,500	1,500	-	0%	-
20-25	CUSTODIAL	4,247	4,500	5,600	8,000	7,000	-	56%	-
20-26	PROGRAM EXPENSES/SUPPLIES	89,981	67,000	67,000	79,500	67,000	-	0%	312,000
20-28	MEDICAL SUP & PHYSICALS	35,540	32,000	32,000	32,000	30,000	-	-6%	-
20-29	UNIFORMS/UNIFORM ALLOW	107,117	82,000	82,000	89,100	82,000	-	0%	-
20-31	BOOKS	-	3,000	2,700	500	-	-	-100%	-
20-32	SECURITY/SAFETY MATERIALS	1,105	1,500	1,500	1,500	1,200	-	-20%	-
20-36	ANIMAL CARE EXPENSES	13,216	17,000	17,000	17,000	3,000	-	-82%	-
20-37	COMPUTER SOFTWARE	11,231	16,700	16,700	15,200	13,500	-	-19%	-
20-38	COMPUTER HARDWARE	96,834	82,300	82,300	65,500	62,500	-	-24%	-
20-46	CITY BLDG MAINT SUPPLIES	52,277	31,400	36,400	41,500	41,500	-	32%	-
20-58	WATER/SEWER	2,125	2,700	2,700	2,700	2,300	-	-15%	-
	MATERIALS & SUPPLIES	**481,630**	**370,600**	**375,900**	**385,000**	**340,500**	**-**	**-8%**	**312,000**
30-21	TELEPHONE/FAX	50,387	52,900	52,900	54,600	52,900	-	0%	20,000
30-22	POSTAGE	80	100	100	1,100	-	-	-100%	-
30-23	ELECTRICITY	82,598	85,000	85,000	85,000	79,000	-	-7%	-
30-24	HEATING OIL/GAS	6,985	12,800	10,800	12,800	10,800	-	-16%	-
30-25	ADVERTISEMENT	480	1,000	700	1,000	1,000	-	0%	-
30-26	INSURANCE	41,888	30,000	30,000	30,000	30,000	-	0%	-
30-27	SUBSCRIPTIONS AND DUES	6,727	5,000	5,000	5,300	5,300	-	6%	-
30-28	TRAINING/CONF/FOOD/TRAVEL	49,769	71,000	71,000	92,000	50,000	-	-30%	15,000
30-29	CONSULTING FEES/AUDIT FEES	11,716	10,400	10,400	10,400	10,400	-	0%	1,000
30-31	CONTRACTUAL SERVICES	85,112	192,600	192,600	172,400	172,400	-	-10%	-
30-61	OFF EPUIP/REPAIRS & MAINT	33,512	38,200	38,200	56,200	50,400	-	32%	-
30-62	GASOLINE	126,792	135,000	132,000	135,000	117,700	-	-13%	-
30-63	AUTO REPAIRS/MAINTENANCE	211,487	217,400	217,400	261,500	217,600	-	0%	-
30-67	RADIO REPAIRS/MAINTENANCE	20,561	22,500	22,500	25,500	22,500	-	0%	-
30-68	RADIO EPUIPMENT/LEASE	8,528	500	500	11,300	8,500	-	1600%	-
	ADMINISTRATIVE EXPENDITURES	**736,622**	**874,400**	**869,100**	**954,100**	**828,500**	**-**	**-5%**	**36,000**
	OPERATING EXPENDITURES	**16,635,520**	**16,875,200**	**17,069,700**	**17,237,100**	**16,975,900**	**-**	**1%**	**348,000**
40-21	OFFICE EPUIPMENT PURCHASE	-	-	-	10,000	-	-	0%	-
40-22	AUTOMOBILES - PURCHASE	248,601	287,300	287,300	392,400	275,800	-	-4%	-
40-25	OTHER EPUIP - PURCHASE	-	12,500	-	66,000	-	-	-100%	-
40-31	CONSTRUCTION - PURCHASE	19,900	-	12,500	1,750,000	104,100	-	0%	-
50-01	TRANSFER TO GENERAL FUND		-	-	-		-	0%	60,000
	CAPITAL OUTLAY	**268,501**	**299,800**	**299,800**	**2,218,400**	**379,900**	**-**	**27%**	**60,000**
	TOTAL EXPENDITURES	**$ 16,904,021**	**$ 17,175,000**	**$ 17,369,500**	**$ 19,455,500**	**$ 17,355,800**	**$ -**	**1%**	**$ 408,000**
	REVENUES								
	GENERAL FUND	$16,635,520	$16,875,200	$ 17,069,700	$ 17,237,100	$ 16,975,900	$ -		
	GOV. CAPITAL PROJECT FUND	268,501	299,800	299,800	2,218,400	379,900	-		
	PERSONNEL								
	BUDGETED FULL-TIME POSITIONS	134.0	134.0	134.0	134.0	134.0			-
	BUDGETED PART-TIME POSITIONS -	6.0	6.0	6.0	6.0	1.0			6.0

Tax Assessor

Fiscal Year 2018 Organization Chart



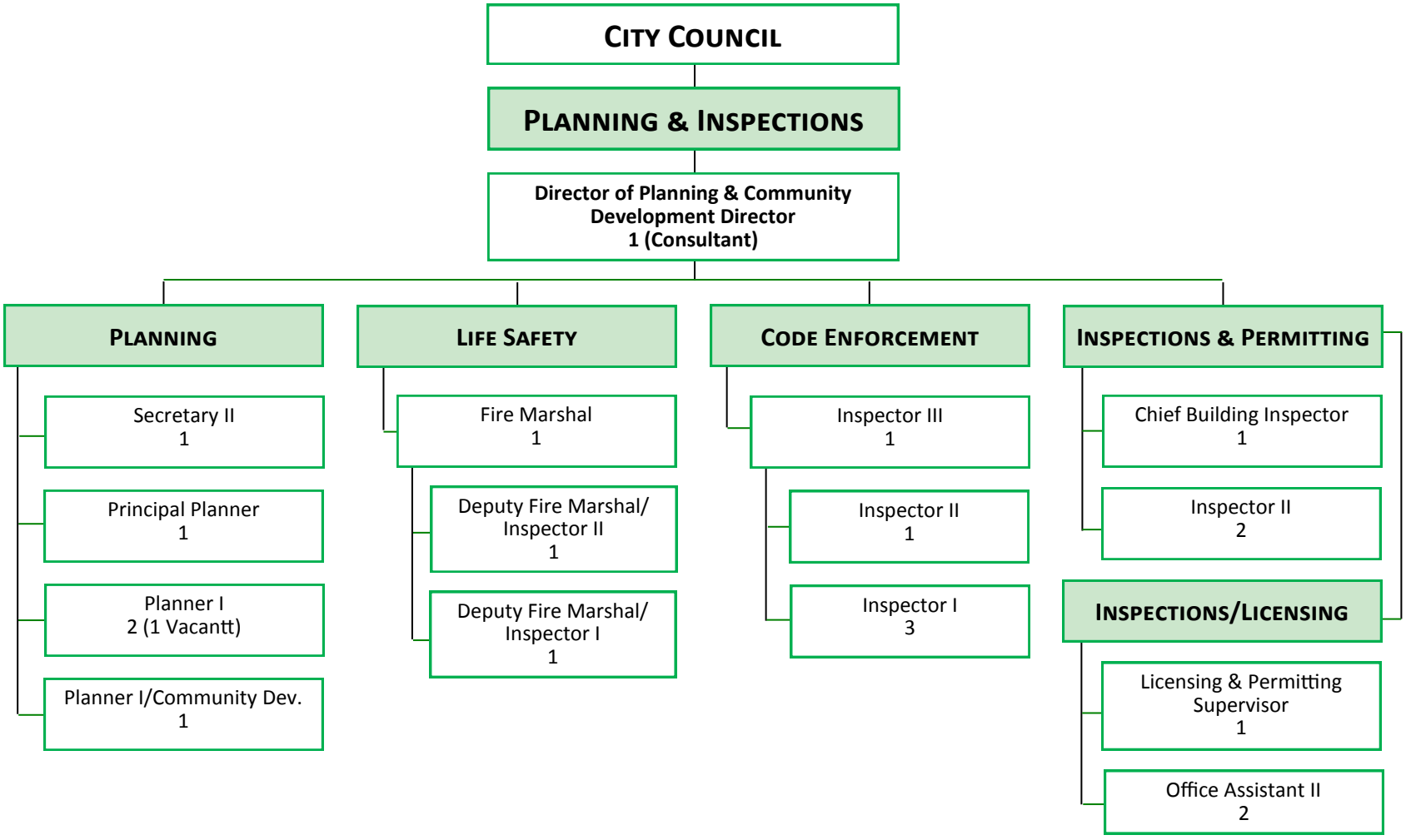
* Appointed by Council

TAX ASSESSOR
110-1300-513

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 131,468	$ 132,200	$ 135,400	$ 130,500	$ 130,500	$ -	-1%
10-14	FICA TAXES	9,340	10,100	10,300	10,000	10,000	-	-1%
10-15	HEALTH INSURANCE	31,736	34,100	34,100	21,300	21,300	-	-38%
10-16	L I D INSURANCE	804	800	800	800	800	-	0%
10-17	WORKERS COMPENSATION	574	700	700	700	700	-	0%
10-18	EDUCATIONAL ASSISTANCE	3,231	-	-	-	-	-	0%
10-19	PENSION	20,541	27,200	27,200	27,800	27,800	-	2%
10-20	OPEB	15,336	12,800	12,800	17,900	17,900	-	40%
	PERSONNEL COSTS	**213,029**	**217,900**	**221,300**	**209,000**	**209,000**	**-**	**-4%**
20-22	OFFICE SUPPLIES	2,678	2,300	2,600	2,300	2,300	-	0%
20-23	PRINTING AND DUPLICATING	81	200	200	200	200	-	0%
20-37	COMPUTER SOFTWARE	50	-	-	100	-	-	0%
20-38	COMPUTER HARDWARE		-	-	900	900	-	0%
	MATERIALS & SUPPLIES	**2,808**	**2,500**	**2,800**	**3,500**	**3,400**	**-**	**36%**
30-21	TELEPHONE/FAX	1,147	1,300	1,300	1,300	1,300	-	0%
30-25	ADVERTISEMENT	763	1,000	1,000	1,000	1,000	-	0%
30-27	SUBSCRIPTIONS AND DUES	1,097	800	800	900	900	-	13%
30-28	TRAINING/CONF/FOOD/TRAVEL	4,780	7,500	7,500	7,500	7,500	-	0%
30-31	CONTRACTUAL SERVICES	13,265	12,400	12,200	13,100	13,100	-	6%
30-62	GASOLINE	476	600	500	1,000	600	-	0%
	ADMINISTRATIVE EXPENDITURES	**21,527**	**23,600**	**23,300**	**24,800**	**24,400**	**-**	**3%**
	OPERATING EXPENDITURES	**237,364**	**244,000**	**247,400**	**237,300**	**236,800**	**-**	**-3%**
40-22	AUTOMOBILE/PURCHASE	**-**	-	-	18,200	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**18,200**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 237,364**	**$ 244,000**	**$ 247,400**	**$ 255,500**	**$ 236,800**	**$ -**	**-3%**
	REVENUES							
	GENERAL FUND	$ 237,364	$ 244,000	$ 247,400	$ 237,300	$ 236,800	$ -	
	GOV. CAPITAL PROJECT FUND	-	-	-	18,200	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0		

Planning & Inspections

Fiscal Year 2018 Organization Chart



PLANNING
110-1600-533

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 362,343	$ 380,300	$ 385,900	$ 380,700	$ 380,700	$ -	0%
10-12	OVERTIME	856	1,000	1,000	1,000	1,000	-	0%
10-13	TEMPORARY HELP	13,765	15,000	15,000	15,000	15,000	-	0%
10-14	FICA TAXES	27,600	30,300	30,700	30,300	30,300	-	0%
10-15	HEALTH INSURANCE	52,386	60,200	60,200	64,100	64,100	-	6%
10-16	L I D INSURANCE	1,903	2,200	2,200	2,200	2,200	-	0%
10-17	WORKERS COMPENSATION	2,057	1,200	1,200	1,300	1,300	-	8%
10-19	PENSION	20,632	22,000	22,000	21,500	21,500	-	-2%
10-20	OPEB	41,745	36,900	36,900	52,200	52,200	-	41%
10-21	COSTS ALLOCATED TO CDBG	(39,938)	(36,000)	(36,000)	(36,000)	(36,000)	-	0%
	PERSONNEL COSTS	**483,348**	**513,100**	**519,100**	**532,300**	**532,300**	**-**	**4%**
20-22	OFFICE SUPPLIES	4,662	4,000	4,000	4,500	4,000	-	0%
20-23	PRINTING AND DUPLICATING	8,128	6,000	6,000	6,000	6,000	-	0%
20-31	BOOKS	737	700	700	900	700	-	0%
20-37	COMPUTER SOFTWARE	1,480	-	-	200	-	-	0%
20-38	COMPUTER HARDWARE	-	2,600	2,600	3,000	1,600	-	-38%
	MATERIALS & SUPPLIES	**15,007**	**13,300**	**13,300**	**14,600**	**12,300**	**-**	**-8%**
30-21	TELEPHONE/FAX	1,455	1,300	1,300	2,100	1,700	-	31%
30-25	ADVERTISEMENT	2,063	2,000	2,000	2,000	2,000	-	0%
30-27	SUBSCRIPTIONS AND DUES	4,030	2,900	2,900	1,900	1,900	-	-34%
30-28	TRAINING/CONF/FOOD/TRAVEL	4,254	4,200	4,200	3,800	1,300	-	-69%
30-31	CONTRACTUAL SERVICES	6,147	10,000	10,000	10,000	10,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**17,949**	**20,400**	**20,400**	**19,800**	**16,900**	**-**	**-17%**
	OPERATING EXPENDITURES	**516,303**	**546,800**	**552,800**	**566,700**	**561,500**	**-**	**3%**
40-23	TRUCKS-PURCHASE	-	-	-	16,000	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**16,000**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 516,303**	**$ 546,800**	**$ 552,800**	**$ 582,700**	**$ 561,500**	**$ -**	**3%**
	REVENUES							
	GENERAL FUND	$ 476,366	$ 510,800	$ 516,800	$ 530,700	$ 525,500	$ -	
	CDBG GRANT	39,938	36,000	36,000	36,000	36,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0		
	PP/TEMP/COMMITTEES	14.0	14.0	14.0	14.0	14.0		

LIFE SAFETY
110-1600-531

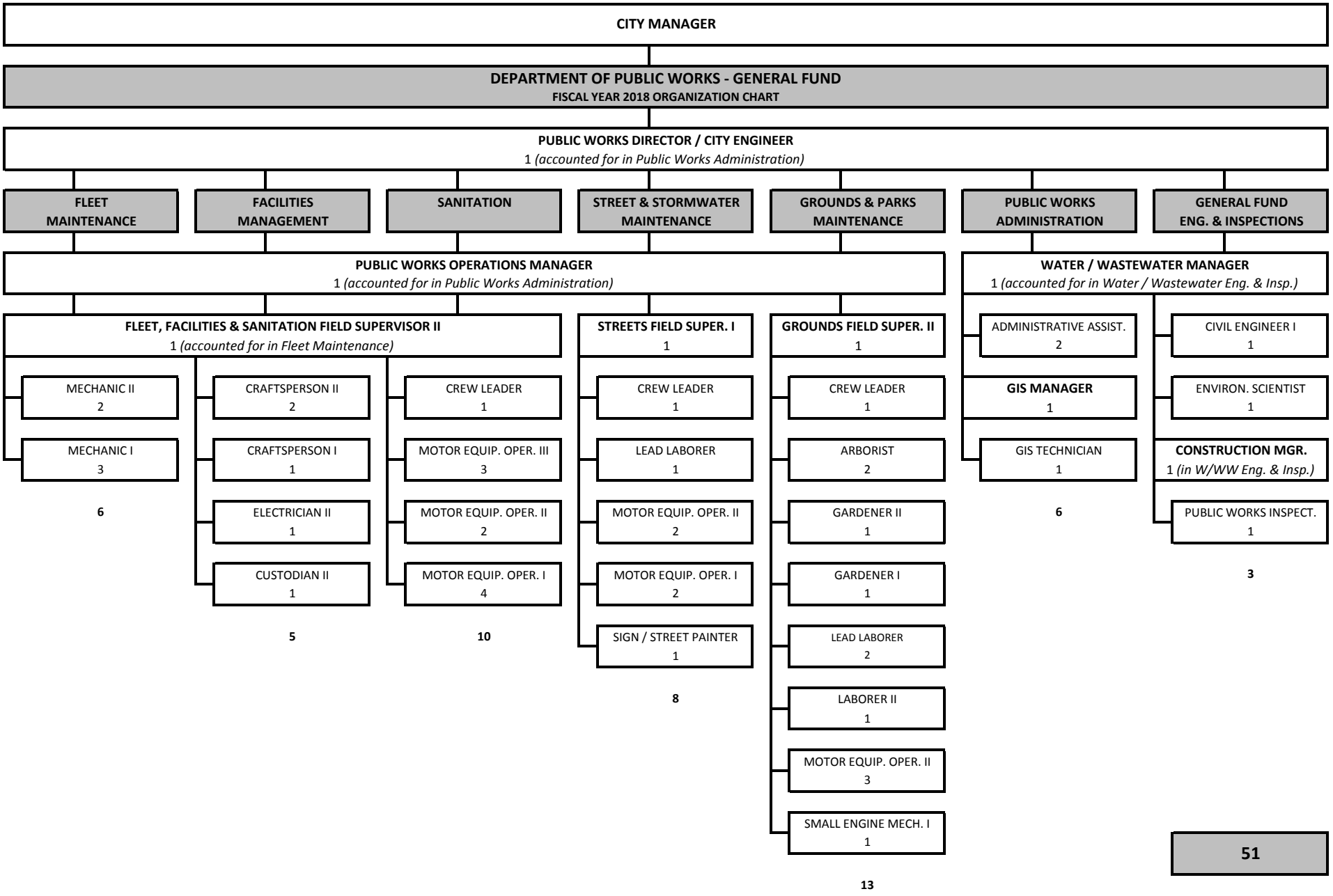
ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 144,478	$ 158,800	$ 160,000	$ 148,600	$ 148,600	$ -	-6%
10-12	OVERTIME	8,308	8,000	8,000	8,000	8,000	-	0%
10-14	FICA TAXES	11,274	12,800	12,900	12,000	12,000	-	-6%
10-15	HEALTH INSURANCE	22,610	25,700	25,700	31,700	31,700	-	23%
10-16	L I D INSURANCE	766	800	800	1,000	1,000	-	25%
10-17	WORKERS COMPENSATION	734	1,000	1,000	1,100	1,100	-	10%
10-19	PENSION	8,779	9,900	9,900	11,400	11,400	-	15%
10-20	OPEB	15,465	14,600	14,600	19,000	19,000	-	30%
	PERSONNEL COSTS	**212,415**	**231,600**	**232,900**	**232,800**	**232,800**	**-**	**1%**
20-26	PROGRAM EXPENSES/SUPPLIES	1,425	-	-	1,500	1,500	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	92	300	300	300	300	-	0%
20-31	BOOKS	-	-	-	-	600	-	0%
20-32	SECURITY/SAFETY MATERIALS	36	-	-	9,000	7,900	-	0%
20-37	COMPUTER SOFTWARE	770	-	-	-	-	-	0%
20-38	COMPUTER HARDWARE	2,489	-	-	-	-	-	0%
	MATERIALS & SUPPLIES	**4,811**	**300**	**300**	**10,800**	**10,300**	**-**	**3333%**
30-21	TELEPHONE/FAX	1,895	1,900	1,900	1,900	2,100	-	11%
30-27	SUBSCRIPTIONS AND DUES	1,421	1,300	1,300	3,700	1,900	-	46%
30-28	TRAINING/CONF/FOOD/TRAVEL	3,718	1,500	1,500	3,000	2,200	-	47%
30-31	CONTRACTUAL SERVICES	263,791	245,000	245,000	245,000	245,000	-	0%
30-62	GASOLINE	2,745	3,000	3,000	3,000	3,000	-	0%
30-63	AUTO REPAIRS/MAINTENANCE		-	1,700	-	-	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	606	600	600	600	600	-	0%
	ADMINISTRATIVE EXPENDITURES	**274,176**	**253,300**	**255,000**	**257,200**	**254,800**	**-**	**1%**
	OPERATING EXPENDITURES	**491,402**	**485,200**	**488,200**	**500,800**	**497,900**	**-**	**3%**
40-22	AUTOMOBILE/PURCHASE	56,411	29,500	29,500	-	-	-	-100%
	CAPITAL OUTLAY	**56,411**	**29,500**	**29,500**	**-**	**-**	**-**	**-100%**
	TOTAL EXPENDITURES	**$ 547,813**	**$ 514,700**	**$ 517,700**	**$ 500,800**	**$ 497,900**	**$ -**	**-3%**
	REVENUES							
	GENERAL FUND	$ 491,402	$ 485,200	$ 488,200	$ 500,800	$ 497,900	$ -	
	GOV. CAPITAL PROJECT FUND	56,411	29,500	29,500	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0		

CODE ENFORCEMENT
110-1600-532

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 211,054	$ 222,700	$ 223,800	$ 229,100	$ 229,100	$ -	3%
10-12	OVERTIME	2,063	2,500	2,500	2,500	2,500	-	0%
10-13	TEMPORARY HELP	6,685	-	-	-	-	-	0%
10-14	FICA TAXES	16,012	17,200	17,300	17,700	17,700	-	3%
10-15	HEALTH INSURANCE	51,446	55,700	55,700	59,600	59,600	-	7%
10-16	L I D INSURANCE	1,160	1,200	1,200	1,300	1,300	-	8%
10-17	WORKERS COMPENSATION	1,038	1,300	1,300	1,600	1,600	-	23%
10-18	EDUCATIONAL ASSISTANCE	5,472	-	4,500	-	-	-	0%
10-19	PENSION	56,972	74,100	74,100	77,200	77,200	-	4%
10-20	OPEB	24,272	21,600	21,600	31,300	31,300	-	45%
	PERSONNEL COSTS	**376,176**	**396,300**	**402,000**	**420,300**	**420,300**	**-**	**6%**
20-26	PROGRAM EXPENSES/SUPPLIES	13,345	18,000	16,300	18,000	18,000	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	272	300	300	300	300	-	0%
20-32	SECURITY/SAFETY MATERIALS	29	-	-	2,300	2,300	-	0%
20-38	COMPUTER HARDWARE	-	-	-	500	-	-	0%
	MATERIALS & SUPPLIES	**13,645**	**18,300**	**16,600**	**21,100**	**20,600**	**-**	**13%**
30-21	TELEPHONE/FAX	1,807	700	700	2,200	2,100	-	200%
30-27	SUBSCRIPTIONS AND DUES	15	200	200	200	200	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	785	1,000	1,000	1,000	1,000	-	0%
30-31	CONTRACTUAL SERVICES	1,541	1,600	1,600	1,600	1,000	-	-38%
30-62	GASOLINE	2,128	3,000	3,000	2,500	2,500	-	-17%
	ADMINISTRATIVE EXPENDITURES	**6,276**	**6,500**	**6,500**	**7,500**	**6,800**	**-**	**5%**
	OPERATING EXPENDITURES	**396,097**	**421,100**	**425,100**	**448,900**	**447,700**	**-**	**6%**
40-22	AUTOMOBILES- PURCHASE	-	-	-	23,800	-	-	0%
	CAPITAL OUTLAY	**-**	**-**	**-**	**23,800**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 396,097**	**$ 421,100**	**$ 425,100**	**$ 472,700**	**$ 447,700**	**$ -**	**6%**
	REVENUES							
	GENERAL FUND	$ 396,097	$ 421,100	$ 425,100	$ 448,900	$ 447,700	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0		

INSPECTIONS
110-1600-534

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 266,005	$ 277,500	$ 280,400	$ 282,600	$ 282,600	$ -	2%
10-12	OVERTIME	3,722	2,000	2,000	2,000	2,000	-	0%
10-14	FICA TAXES	19,578	21,400	21,600	21,800	21,800	-	2%
10-15	HEALTH INSURANCE	59,655	69,900	69,900	71,000	71,000	-	2%
10-16	L I D INSURANCE	1,238	1,200	1,200	1,400	1,400	-	17%
10-17	WORKERS COMPENSATION	1,155	1,400	1,400	1,600	1,600	-	14%
10-19	PENSION	72,615	103,300	103,300	107,600	107,600	-	4%
10-20	OPEB	30,760	26,900	26,900	38,700	38,700	-	44%
	PERSONNEL COSTS	**454,728**	**503,600**	**506,700**	**526,700**	**526,700**	**-**	**5%**
20-26	PROGRAM EXPENSES/SUPPLIES	10	-	-	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	224	200	200	200	200	-	0%
20-31	BOOKS	338	2,000	2,000	2,600	1,100	-	-45%
20-38	COMPUTER HARDWARE	3,487	-	-	900	900	-	0%
	MATERIALS & SUPPLIES	**4,059**	**2,200**	**2,200**	**3,700**	**2,200**	**-**	**0%**
30-21	TELEPHONE/FAX	2,899	3,000	3,000	2,700	3,000	-	0%
30-27	SUBSCRIPTIONS AND DUES	575	600	600	600	600	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,034	1,000	1,000	1,000	1,000	-	0%
30-31	CONTRACTUAL SERVICES	6,249	6,000	6,000	6,000	6,000	-	0%
30-33	DEMOLITION EXPENSES	250,683	175,000	175,000	475,000	175,000	-	0%
30-61	OFF EPUIP/REPAIRS & MAINT	2,885	3,000	3,000	3,000	2,900	-	-3%
30-62	GASOLINE	3,550	3,500	3,500	3,000	3,600	-	3%
	ADMINISTRATIVE EXPENDITURES	**267,874**	**192,100**	**192,100**	**491,300**	**192,100**	**-**	**0%**
	OPERATING EXPENSES	**726,661**	**697,900**	**701,000**	**1,021,700**	**721,000**	**-**	**3%**
40-22	AUTOMOBILES- PURCHASE		-	-	16,000	-	-	0%
	CAPITAL OUTLAY		**-**	**-**	**16,000**	**-**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 726,661**	**$ 697,900**	**$ 701,000**	**$ 1,037,700**	**$ 721,000**	**$ -**	**3%**
	REVENUES							
	GENERAL FUND	$ 726,661	$ 697,900	$ 701,000	$ 1,021,700	$ 721,000	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0		


CITY MANAGER
DEPARTMENT OF PUBLIC WORKS - GENERAL FUND
FISCAL YEAR 2018 ORGANIZATION CHART
PUBLIC WORKS DIRECTOR / CITY ENGINEER
1 (accounted for in Public Works Administration)
FLEET MAINTENANCE
FACILITIES MANAGEMENT
SANITATION
STREET & STORMWATER MAINTENANCE
GROUNDS & PARKS MAINTENANCE
PUBLIC WORKS ADMINISTRATION
GENERAL FUND ENG. & INSPECTIONS
PUBLIC WORKS OPERATIONS MANAGER
1 (accounted for in Public Works Administration)
WATER / WASTEWATER MANAGER
1 (accounted for in Water / Wastewater Eng. & Insp.)
FLEET, FACILITIES & SANITATION FIELD SUPERVISOR II
1 (accounted for in Fleet Maintenance)
STREETS FIELD SUPER. I
1
GROUNDS FIELD SUPER. II
1
MECHANIC II
2
MECHANIC I
3
6
CRAFTSPERSON II
2
CRAFTSPERSON I
1
ELECTRICIAN II
1
CUSTODIAN II
1
5
CREW LEADER
1
MOTOR EQUIP. OPER. III
3
MOTOR EQUIP. OPER. II
2
MOTOR EQUIP. OPER. I
4
10
CREW LEADER
1
LEAD LABORER
1
MOTOR EQUIP. OPER. II
2
MOTOR EQUIP. OPER. I
2
SIGN / STREET PAINTER
1
8
CREW LEADER
1
ARBORIST
2
GARDENER II
1
GARDENER I
1
LEAD LABORER
2
LABORER II
1
MOTOR EQUIP. OPER. II
3
SMALL ENGINE MECH. I
1
13
ADMINISTRATIVE ASSIST.
2
GIS MANAGER
1
GIS TECHNICIAN
1
6
CIVIL ENGINEER I
1
ENVIRON. SCIENTIST
1
CONSTRUCTION MGR.
1 (in W/WW Eng. & Insp.)
PUBLIC WORKS INSPECT.
1
3
51

PUBLIC WORKS - ADMINISTRATION
110-2400-551

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2015-2016 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 307,353	$ 371,000	$ 373,100	$ 376,700	$ 374,000	$ -	1%
10-14	FICA TAXES	22,509	28,400	28,600	28,800	28,600	-	1%
10-15	HEALTH INSURANCE	55,635	74,500	74,500	74,500	74,500	-	0%
10-16	L I D INSURANCE	1,701	2,000	2,000	2,100	2,100	-	5%
10-17	WORKERS COMPENSATION	1,137	1,200	1,200	1,200	1,200	-	0%
10-19	PENSION	103,990	148,600	148,600	152,900	151,300	-	2%
10-20	OPEB	35,776	35,900	35,900	51,500	51,200	-	43%
	PERSONNEL COSTS	**528,100**	**661,600**	**663,900**	**687,700**	**682,900**	**-**	**3%**
20-21	FURNITURE/FIXTURES	-	-	-	200	200	-	0%
20-22	OFFICE SUPPLIES	3,526	3,500	3,500	3,500	3,500	-	0%
20-23	PRINTING AND DUPLICATING	3,001	3,000	3,000	3,000	3,000	-	0%
20-37	COMPUTER SOFTWARE	150	400	400	400	-	-	-100%
20-38	COMPUTER HARDWARE	4,293	-	-	4,300	2,700	-	0%
	MATERIALS & SUPPLIES	**10,970**	**6,900**	**6,900**	**11,400**	**9,400**	**-**	**36%**
30-21	TELEPHONE/FAX	2,116	1,900	1,900	2,000	2,000	-	5%
30-27	SUBSCRIPTIONS AND DUES	840	4,400	4,400	4,600	4,600	-	5%
30-28	TRAINING/CONF/FOOD/TRAVEL	4,266	4,000	4,000	3,500	3,500	-	-13%
30-31	CONTRACTUAL SERVICES	5,080	-	-	7,000	7,000	-	0%
30-62	GASOLINE	778	500	500	1,000	1,000	-	100%
30-67	RADIO REPAIRS/MAINTENANCE	664	700	700	700	700	-	0%
	ADMINISTRATIVE EXPENDITURES	**13,744**	**11,500**	**11,500**	**18,800**	**18,800**	**-**	**63%**
	OPERATING EXPENDITURES	**552,815**	**680,000**	**682,300**	**717,900**	**711,100**	**-**	**5%**
	TOTAL EXPENDITURES	**$ 552,815**	**$ 680,000**	**$ 682,300**	**$ 717,900**	**$ 711,100**	**$ -**	**5%**
	REVENUES							
	GENERAL FUND	$ 552,815	$ 680,000	$ 682,300	$ 717,900	$ 711,100	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0		

PUBLIC WORKS ENGINEERING
110/147-2600-553

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 114,807	$132,800	$ 132,800	$126,400	$152,300	$ -	15%
10-12	OVERTIME	-	500	500	500	500	-	0%
10-14	FICA TAXES	8,336	10,200	10,200	9,700	11,700	-	15%
10-15	HEALTH INSURANCE	18,191	38,900	38,900	59,400	59,400	-	53%
10-16	L I D INSURANCE	497	900	900	900	1,200	-	33%
10-17	WORKERS COMPENSATION	1,056	400	400	400	500	-	25%
10-19	PENSION	5,843	7,100	7,100	7,500	9,100	-	28%
10-20	OPEB	13,139	12,800	12,800	17,300	20,800	-	63%
	PERSONNEL COSTS	**161,870**	**203,600**	**203,600**	**222,100**	**255,500**	**-**	**25%**
20-29	UNIFORMS/UNIFORM ALLOW	182	200	200	200	200	-	0%
20-32	SECURITY/SAFETY MATERIALS	168	200	200	200	100	-	-50%
20-33	SMALL TOOLS	100	100	100	500	400	-	300%
20-37	COMPUTER SOFTWARE	162	400	400	400	200	-	-50%
20-38	COMPUTER HARDWARE	1,209	-	-	-	-	-	0%
	MATERIALS & SUPPLIES	**1,821**	**900**	**900**	**1,300**	**900**	**-**	**0%**
30-21	TELEPHONE/FAX	286	500	500	500	300	-	-40%
30-28	TRAINING/CONF/FOOD/TRAVEL	888	500	500	1,600	1,600	-	220%
30-31	CONTRACTUAL SERVICES	717	-	-	16,800	16,800	-	0%
30-62	GASOLINE	995	1,500	1,500	1,500	1,400	-	-7%
	ADMINISTRATIVE EXPENDITURES	**2,887**	**2,500**	**2,500**	**20,400**	**20,100**	**-**	**704%**
	OPERATING EXPENDITURES	**166,578**	**207,000**	**207,000**	**243,800**	**276,500**	**-**	**34%**
	TOTAL EXPENDITURES	**$ 166,578**	**$ 207,000**	**$ 207,000**	**$ 243,800**	**$ 276,500**	**$ -**	**34%**
	REVENUES							
	GENERAL FUND	$ 166,578	$ 207,000	$ 207,000	$ 243,800	$ 276,500	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	3.0	3.0	3.0	3.0	3.0		

FACILITIES MANAGEMENT
110-2500-552

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 252,887	$ 235,600	$ 238,600	$ 242,000	$ 242,000	$ -	3%
10-12	OVERTIME	8,673	6,400	6,400	6,400	6,400	-	0%
10-14	FICA TAXES	19,168	18,500	18,700	19,000	19,000	-	3%
10-15	HEALTH INSURANCE	50,833	47,500	47,500	47,500	47,500	-	0%
10-16	L I D INSURANCE	1,195	1,100	1,100	1,100	1,100	-	0%
10-17	WORKERS COMPENSATION	10,610	12,200	12,400	13,700	13,700	-	12%
10-19	PENSION	80,655	115,400	115,400	120,900	120,900	-	5%
10-20	OPEB	28,103	22,800	22,800	33,100	33,100	-	45%
	PERSONNEL COSTS	**452,124**	**459,500**	**462,900**	**483,700**	**483,700**	**-**	**5%**
20-25	CUSTODIAL	8,497	8,500	8,500	10,000	8,500	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	1,102	2,300	2,300	2,300	2,300	-	0%
20-32	SECURITY/SAFETY MATERIALS	189	200	200	200	200	-	0%
20-33	SMALL TOOLS	2,606	1,500	1,500	1,500	1,500	-	0%
20-38	COMPUTER HARDWARE	326	-	-	-	-	-	0%
20-46	CITY BLDG MAINT SUPPLIES	5,498	8,000	8,000	8,300	6,300	-	-21%
20-58	WATER/SEWER	1,347	1,700	1,700	1,700	1,500	-	-12%
20-61	ELEC MATERIALS/SUPPLIES	2,551	2,200	2,200	2,200	2,200	-	0%
	MATERIALS & SUPPLIES	**22,117**	**24,400**	**24,400**	**26,200**	**22,500**	**-**	**-8%**
30-21	TELEPHONE/FAX	1,241	1,200	1,200	1,200	1,200	-	0%
30-23	ELECTRICITY	62,242	65,000	65,000	65,000	60,000	-	-8%
30-24	HEATING OIL/GAS	5,087	6,400	6,400	6,400	5,200	-	-19%
30-27	SUBSCRIPTIONS & DUES	100	100	100	100	100	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	200	100	100	100	100	-	0%
30-31	CONTRACTUAL SERVICES	119,476	47,000	47,000	53,500	53,500	-	14%
30-62	GASOLINE	2,908	3,000	3,000	3,000	3,000	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	332	400	400	400	400	-	0%
	ADMINISTRATIVE EXPENDITURES	**191,586**	**123,200**	**123,200**	**129,700**	**123,500**	**-**	**0%**
	OPERATING EXPENDITURES	**665,827**	**607,100**	**610,500**	**639,600**	**629,700**	**-**	**4%**
40-23	TRUCKS-PURCHASE	-	27,700	27,700	25,100	25,100	-	-9%
	CAPITAL OUTLAY	**-**	**27,700**	**27,700**	**25,100**	**25,100**	**-**	**-9%**
	TOTAL EXPENDITURES	**$ 665,827**	**$ 634,800**	**$ 638,200**	**$ 664,700**	**$ 654,800**	**$ -**	**3%**
	REVENUES							
	GENERAL FUND	$ 665,827	$ 607,100	$ 610,500	$ 639,600	$ 629,700	$ -	
	GOV. CAPITAL PROJECT FUND	-	27,700	27,700	25,100	25,100	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	7.0	5.0	5.0	5.0	5.0		

FLEET MAINTENANCE
110-2800-572

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 264,173	$ 283,400	$ 284,500	$ 291,300	$ 291,300	$ -	3%
10-12	OVERTIME	6,582	6,700	6,700	6,700	6,700	-	0%
10-14	FICA	19,778	22,200	22,300	22,800	22,800	-	3%
10-15	HEALTH INSURANCE	57,240	65,000	65,000	65,000	65,000	-	0%
10-16	LID	1,387	1,500	1,500	1,600	1,600	-	7%
10-17	WORKERS COMPENSATION	11,036	14,500	14,600	16,300	16,300	-	12%
10-19	PENSION	48,123	45,700	45,700	51,400	51,400	-	12%
10-20	OPEB	30,636	27,200	27,200	39,500	39,500	-	45%
	PERSONNEL COSTS	**438,955**	**466,200**	**467,500**	**494,600**	**494,600**	**-**	**6%**
20-26	PROGRAM EXPENSES/SUPPLIES	320,259	275,000	275,000	275,000	325,000	-	18%
20-29	UNIFORMS/UNIFORM ALLOW	1,083	1,400	1,400	1,300	1,200	-	-14%
20-31	BOOKS	-	600	600	600	600	-	0%
20-32	SECURITY/SAFETY MATERIALS	253	400	400	400	300	-	-25%
20-33	SMALL TOOLS	16,798	15,000	15,000	5,000	2,500	-	-83%
20-37	COMPUTER SOFTWARE	5,604	5,100	5,100	2,800	2,800	-	-45%
20-38	COMPUTER HARDWARE	-	1,100	1,100	-	-	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	5,491	5,500	5,500	5,500	5,500	-	0%
	MATERIALS & SUPPLIES	**349,488**	**304,100**	**304,100**	**290,600**	**337,900**	**-**	**11%**
30-21	TELEPHONE/FAX	614	1,100	1,100	1,200	800	-	-27%
30-28	TRAINING/CONF/FOOD/TRAVEL	774	2,000	2,000	2,000	1,000	-	-50%
30-31	CONTRACTUAL SERVICES	40	500	500	500	100	-	-80%
30-43	ENVIRONMENTAL EXPENSES	200	200	200	200	200	-	0%
30-62	GASOLINE	1,594	1,800	1,800	1,800	1,800	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	249	400	400	400	300	-	-25%
	ADMINISTRATIVE EXPENDITURES	**3,470**	**6,000**	**6,000**	**6,100**	**4,200**	**-**	**-30%**
	OPERATING EXPENDITURES	**791,913**	**776,300**	**777,600**	**791,300**	**836,700**	**-**	**8%**
40-23	TRUCKS - PURCHASE	84,234	31,000	31,000	27,000	-	-	-100%
	CAPITAL OUTLAY	**84,234**	**31,000**	**31,000**	**27,000**	**-**	**-**	**-100%**
	TOTAL EXPENDITURES	**$ 876,147**	**$ 807,300**	**$ 808,600**	**$ 818,300**	**$ 836,700**	**$ -**	**4%**
	REVENUES							
	GENERAL FUND	$ 791,913	$ 776,300	$ 777,600	$ 791,300	$ 836,700	$ -	
	GOV. CAPITAL PROJECT FUND	84,234	31,000	31,000	27,000	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0		

GROUNDS
110-1500-522

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 428,650	$ 495,400	$ 468,300	$ 487,000	$ 487,000	$ -	-2%
10-12	OVERTIME	12,687	12,200	12,200	12,200	10,000	-	-18%
10-14	FICA TAXES	31,944	38,800	38,800	38,200	38,000	-	-2%
10-15	HEALTH INSURANCE	117,830	165,000	165,000	141,700	141,700	-	-14%
10-16	L I D INSURANCE	2,232	2,800	2,800	2,800	2,800	-	0%
10-17	WORKERS COMPENSATION	18,022	25,500	25,500	27,500	27,400	-	7%
10-19	PENSION	126,278	165,900	165,900	132,100	132,100	-	-20%
10-20	OPEB	47,968	47,800	47,800	66,400	66,400	-	39%
	PERSONNEL COSTS	**785,610**	**953,400**	**926,300**	**907,900**	**905,400**	**-**	**-5%**
20-25	CUSTODIAL	12	300	300	300	200	-	-33%
20-26	PROGRAM EXPENSES/SUPPLIES	36,270	41,000	40,700	41,000	35,000	-	-15%
20-29	UNIFORMS/UNIFORM ALLOW	2,200	3,400	3,400	3,100	2,800	-	-18%
20-32	SECURITY/SAFETY MATERIALS	848	1,600	1,600	1,600	1,600	-	0%
20-33	SMALL TOOLS	2,433	3,000	3,000	5,500	3,000	-	0%
20-38	COMPUTER HARDWARE	197	-	300	-	-	-	0%
20-44	SAND AND SALT	-	400	400	400	400	-	0%
20-46	CITY BLDG MAINT SUPPLIES	328	500	500	500	500	-	0%
20-58	WATER/SEWER	2,297	3,000	3,000	3,000	2,400	-	-20%
	MATERIALS & SUPPLIES	**44,586**	**53,200**	**53,200**	**55,400**	**45,900**	**-**	**-14%**
30-21	TELEPHONE/FAX	822	1,100	1,100	1,200	900	-	-18%
30-23	ELECTRICITY	3,650	4,000	4,000	4,000	4,000	-	0%
30-24	HEATING OIL/GAS	3,204	6,000	6,000	6,000	3,200	-	-47%
30-27	SUBSCRIPTIONS AND DUES	272	500	500	700	700	-	40%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,872	1,600	1,600	1,600	1,600	-	0%
30-31	CONTRACTUAL SERVICES	151,422	112,800	139,900	116,600	112,800	-	0%
30-43	ENVIRONMENTAL EXPENSES	3,585	3,700	3,700	4,100	4,100	-	11%
30-44	AGENCY BILLING-TEMP HELP	33,280	31,000	31,000	31,000	31,000	-	0%
30-62	GASOLINE	15,336	18,000	18,000	18,000	18,000	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	12,220	15,000	15,000	15,000	12,000	-	-20%
30-67	RADIO REPAIRS/MAINTENANCE	996	1,000	1,000	1,000	1,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**226,658**	**194,700**	**221,800**	**199,200**	**189,300**	**-**	**-3%**
	OPERATING EXPENSES	**1,056,855**	**1,201,300**	**1,201,300**	**1,162,500**	**1,140,600**	**-**	**-5%**
40-23	TRUCKS - PURCHASE	-	31,200	126,800	-	-	-	-100%
40-24	MAINT EQUIP - PURCHASE	68,352	27,000	27,000	62,500	62,500	-	131%
	CAPITAL OUTLAY	**68,352**	**58,200**	**153,800**	**62,500**	**62,500**	**-**	**7%**
	TOTAL EXPENDITURES	**$ 1,125,207**	**$ 1,259,500**	**$ 1,355,100**	**$ 1,225,000**	**$ 1,203,100**	**$ -**	**-4%**
	REVENUES							
	GENERAL FUND	$ 1,056,855	$ 1,201,300	$ 1,201,300	$ 1,162,500	$ 1,140,600	$ -	
	GOV. CAPITAL PROJECT FUND	68,352	58,200	153,800	62,500	62,500	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0		

SANITATION
110-1800-555

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 371,659	$ 382,100	$ 385,300	$ 394,800	$ 394,800	$ -	3%
10-12	OVERTIME	17,945	17,500	17,500	17,500	17,500	-	0%
10-14	FICA TAXES	28,526	30,500	30,700	31,500	31,500	-	3%
10-15	HEALTH INSURANCE	86,550	111,000	111,000	106,500	106,500	-	-4%
10-16	L I D INSURANCE	1,822	1,700	1,700	2,000	2,000	-	18%
10-17	WORKERS COMPENSATION	15,872	20,100	20,300	22,800	22,800	-	13%
10-19	PENSION	101,240	133,100	133,100	142,300	142,300	-	7%
10-20	OPEB	41,211	36,900	36,900	53,900	53,900	-	46%
	PERSONNEL COSTS	**664,826**	**732,900**	**736,500**	**771,300**	**771,300**	**-**	**5%**
20-26	PROGRAM EXPENSES/SUPPLIES	23,664	20,000	25,000	30,000	30,000	-	50%
20-29	UNIFORMS/UNIFORM ALLOW	1,804	2,900	2,900	2,600	2,000	-	-31%
20-32	SECURITY/SAFETY MATERIALS	929	1,000	1,000	1,000	1,000	-	0%
20-33	SMALL TOOLS	330	300	300	300	300	-	0%
20-38	COMPUTER HARDWARE	197	-	-	-	-	-	0%
20-46	CITY BLDG MAINT SUPPLIES	498	500	500	500	500	-	0%
	MATERIALS & SUPPLIES	**27,423**	**24,700**	**29,700**	**34,400**	**33,800**	**-**	**37%**
30-21	TELEPHONE/FAX	422	300	300	300	500	-	67%
30-25	ADVERTISEMENT	710	700	700	700	700	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	427	100	100	100	100	-	0%
30-31	CONTRACTUAL SERVICES	1,278,818	1,157,800	1,152,800	1,220,500	1,649,100	-	42%
30-43	ENVIRONMENTAL EXPENSES	1,445	5,000	5,000	5,000	2,000	-	-60%
30-44	AGENCY BILLING-TEMP HELP	64,163	35,000	35,000	35,000	35,000	-	0%
30-62	GASOLINE	53,481	75,000	75,000	75,000	70,000	-	-7%
30-67	RADIO REPAIRS/MAINTENANCE	1,328	1,300	1,300	1,300	1,400	-	8%
	ADMINISTRATIVE EXPENDITURES	**1,400,794**	**1,275,200**	**1,270,200**	**1,337,900**	**1,758,800**	**-**	**38%**
	OPERATING EXPENSES	**2,093,043**	**2,032,800**	**2,036,400**	**2,143,600**	**2,563,900**	**-**	**26%**
40-23	TRUCKS - PURCHASE	402,484	261,500	261,500	435,100	-	-	-100%
	CAPITAL OUTLAY	**402,484**	**261,500**	**261,500**	**435,100**	**-**	**-**	**-100%**
	TOTAL EXPENDITURES	**$2,495,527**	**$2,294,300**	**$ 2,297,900**	**$ 2,578,700**	**$ 2,563,900**	**$ -**	**12%**
	REVENUES							
	GENERAL FUND	$ 2,093,043	$ 2,032,800	$ 2,036,400	$ 2,143,600	$ 2,563,900	$ -	
	GOV. CAPITAL PROJECT FUND	402,484	261,500	261,500	435,100	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	10.0	10.0	10.0		

STREET
110-1800-554

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 256,296	$ 308,500	$ 310,800	$ 325,200	$ 325,200	$ -	5%
10-12	OVERTIME	7,457	7,900	7,900	7,900	7,900	-	0%
10-14	FICA TAXES	18,776	24,200	24,400	25,500	25,500	-	5%
10-15	HEALTH INSURANCE	80,748	118,700	118,700	126,500	126,500	-	7%
10-16	L I D INSURANCE	1,402	1,800	1,800	1,800	1,800	-	0%
10-17	WORKERS COMPENSATION	10,752	15,900	16,000	18,400	18,400	-	16%
10-19	PENSION	47,390	82,200	82,200	106,900	106,900	-	30%
10-20	OPEB	29,641	29,800	29,800	44,300	44,300	-	49%
	PERSONNEL COSTS	**452,462**	**589,000**	**591,600**	**656,500**	**656,500**	**-**	**11%**
20-26	PROGRAM EXPENSES/SUPPLIES	56,683	186,900	194,600	358,400	139,700	-	-25%
20-29	UNIFORMS/UNIFORM ALLOW	1,473	2,000	2,000	1,900	1,900	-	-5%
20-32	SECURITY/SAFETY MATERIALS	1,131	1,500	1,500	1,500	1,100	-	-27%
20-33	SMALL TOOLS	1,894	2,500	2,500	12,500	7,500	-	200%
20-38	COMPUTER HARDWARE	197	1,100	1,100	-	-	-	-100%
20-41	STREET REPAIRING MATERIAL	9,196	10,000	10,000	10,000	10,000	-	0%
20-42	STREET CLEANING SUPPLIES	2,850	3,000	3,000	3,000	3,000	-	0%
20-43	STREET SIGNS/MARKING	14,648	16,000	16,000	16,400	14,600	-	-9%
20-44	SAND AND SALT	9,667	13,800	13,800	13,800	12,500	-	-9%
20-46	CITY BLDG MAINT SUPPLIES	173	200	200	200	200	-	0%
20-62	STORM SEWER SUPPLIES	5,841	10,000	10,000	10,000	7,500	-	-25%
	MATERIALS & SUPPLIES	**103,752**	**247,000**	**254,700**	**427,700**	**198,000**	**-**	**-20%**
30-21	TELEPHONE/FAX	1,021	800	800	800	1,000	-	25%
30-25	ADVERTISEMENT	1,449	700	700	700	700	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	482	100	100	200	200	-	100%
30-29	CONSULTING FEES	765	1,500	2,800	1,500	1,000	-	-33%
30-31	CONTRACTUAL SERVICES	580	264,900	255,900	259,900	204,500	-	-23%
30-43	ENVIRONMENTAL EXPENSES	1,718	2,000	2,000	2,000	2,000	-	0%
30-44	AGENCY BILLING-TEMP HELP	19,598	15,000	15,000	15,000	20,000	-	33%
30-62	GASOLINE	26,672	38,000	38,000	38,000	30,000	-	-21%
30-65	MAINT EPUIP REPAIRS/MAINT	4,932	3,000	3,000	3,000	3,000	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	1,577	1,500	1,500	1,500	1,500	-	0%
30-99	SNOW EMERGENCY	52,564	-	-	-	-	-	0%
	ADMINISTRATIVE EXPENDITURES	**111,359**	**327,500**	**319,800**	**322,600**	**263,900**	**-**	**-19%**
	OPERATING EXPENDITURES	**667,574**	**1,163,500**	**1,166,100**	**1,406,800**	**1,118,400**	**-**	**-4%**
40-23	TRUCKS - PURCHASE	-	-	46,000	170,200	-	-	0%
40-25	OTHER EPUIPMENT PURCHASE	-	-	-	163,700	-	-	0%
40-31	CONSTRUCTION - PURCHASE	2,918,713	1,026,000	1,796,600	4,776,600	1,070,000	-	4%
	CAPITAL OUTLAY	**2,918,713**	**1,026,000**	**1,842,600**	**5,110,500**	**1,070,000**	**-**	**4%**
	TOTAL EXPENDITURES	**$ 3,586,286**	**$ 2,189,500**	**$ 3,008,700**	**$ 6,517,300**	**$ 2,188,400**	**$ -**	**0%**
	REVENUES							
	GENERAL FUND	$ 667,574	$ 1,163,500	$ 1,166,100	$ 1,406,800	$ 1,118,400	$ -	
	GOV. CAPITAL PROJECT FUND	2,918,713	1,026,000	1,842,600	5,110,500	1,070,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	8.0	8.0	8.0	8.0	8.0		

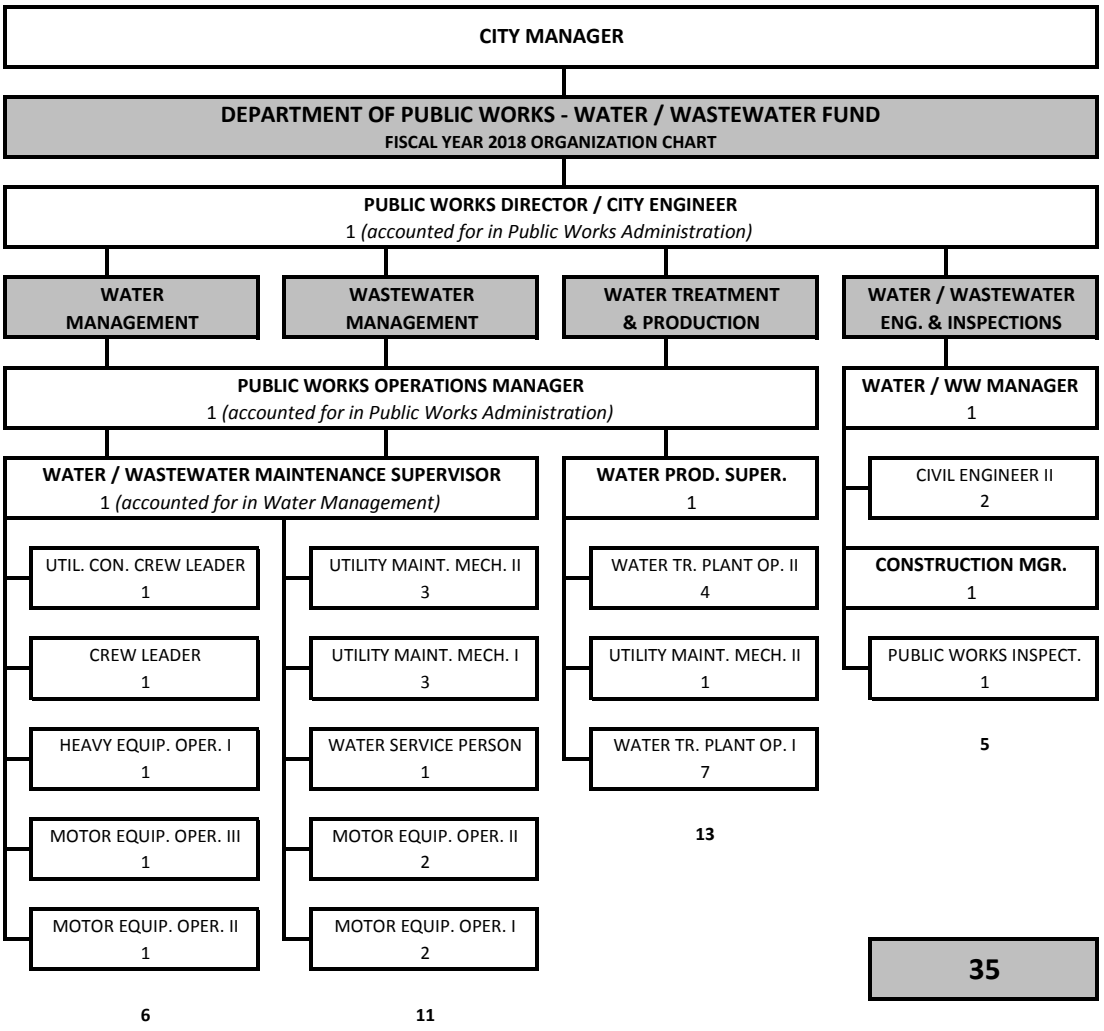
Public Utilities



Public Works Water/WasteWater

Electric

Water/Wastewater Fund


CITY MANAGER
DEPARTMENT OF PUBLIC WORKS - WATER / WASTEWATER FUND
FISCAL YEAR 2018 ORGANIZATION CHART
PUBLIC WORKS DIRECTOR / CITY ENGINEER
1 (accounted for in Public Works Administration)
WATER MANAGEMENT
WASTEWATER MANAGEMENT
WATER TREATMENT & PRODUCTION
WATER / WASTEWATER ENG. & INSPECTIONS
PUBLIC WORKS OPERATIONS MANAGER
1 (accounted for in Public Works Administration)
WATER / WW MANAGER
1
WATER / WASTEWATER MAINTENANCE SUPERVISOR
1 (accounted for in Water Management)
WATER PROD. SUPER.
1
CIVIL ENGINEER II
2
UTIL. CON. CREW LEADER
1
UTILITY MAINT. MECH. II
3
WATER TR. PLANT OP. II
4
CONSTRUCTION MGR.
1
CREW LEADER
1
UTILITY MAINT. MECH. I
3
UTILITY MAINT. MECH. II
1
PUBLIC WORKS INSPECT.
1
HEAVY EQUIP. OPER. I
1
WATER SERVICE PERSON
1
WATER TR. PLANT OP. I
7
5
MOTOR EQUIP. OPER. III
1
MOTOR EQUIP. OPER. II
2
13
MOTOR EQUIP. OPER. II
1
MOTOR EQUIP. OPER. I
2
35
6
11

WATER/WASTEWATER ENGINEERING
412/417-2600-553

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 310,405	$ 311,800	$ 316,800	$ 311,800	$ 317,200	$ -	2%
10-12	OVERTIME	-	1,000	1,000	500	500	-	-50%
10-14	FICA TAXES	23,003	23,900	24,300	23,900	24,300	-	2%
10-15	HEALTH INSURANCE	48,506	52,000	52,000	46,700	46,700	-	-10%
10-16	L I D INSURANCE	1,628	1,900	1,900	2,000	2,000	-	5%
10-17	WORKERS COMPENSATION	1,366	1,300	1,300	1,400	1,500	-	15%
10-19	PENSION	45,943	49,900	49,900	50,600	50,900	-	2%
10-20	OPEB	18,019	11,800	11,800	6,800	7,000	-	-41%
	PERSONNEL COSTS	**448,870**	**453,600**	**459,000**	**443,700**	**450,100**	**-**	**-1%**
20-22	OFFICE SUPPLIES	3,674	2,700	2,700	2,700	2,700	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	200	200	200	200	200	-	0%
20-31	BOOKS	48	800	800	800	500	-	-38%
20-32	SECURITY/SAFETY MATERIALS	-	300	300	200	200	-	-33%
20-33	SMALL TOOLS	92	100	100	500	500	-	400%
20-37	COMPUTER SOFTWARE	9,851	9,800	9,800	9,800	9,800	-	0%
20-38	COMPUTER HARDWARE	197	2,400	2,400	2,700	2,700	-	13%
	MATERIALS & SUPPLIES	**14,062**	**16,300**	**16,300**	**16,900**	**16,600**	**-**	**2%**
30-21	TELEPHONE/FAX	1,238	1,700	1,700	1,700	1,300	-	-24%
30-27	SUBSCRIPTIONS AND DUES	570	4,100	4,100	4,100	4,100	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	1,110	1,100	1,100	14,800	7,500	-	582%
30-31	CONTRACTUAL SERVICES	28,584	35,000	35,000	35,000	30,000	-	-14%
30-39	IN-HOUSE TRAINING	1,706	1,500	1,500	1,800	1,500	-	0%
30-62	GASOLINE	2,849	2,800	2,800	2,800	2,500	-	-11%
30-67	RADIO REPAIRS/MAINTENANCE	249	400	400	400	400	-	0%
	ADMINISTRATIVE EXPENDITURES	**36,307**	**46,600**	**46,600**	**60,600**	**47,300**	**-**	**2%**
	OPERATING EXPENDITURES	**499,239**	**516,500**	**521,900**	**521,200**	**514,000**	**-**	**0%**
40-23	TRUCKS - PURCHASE	-	30,400	30,400	-	-	-	-100%
	CAPITAL OUTLAY	**-**	**30,400**	**30,400**	**-**	**-**	**-**	**-100%**
	TOTAL EXPENDITURES	**$ 499,239**	**$ 546,900**	**$ 552,300**	**$ 521,200**	**$ 514,000**	**$ -**	**-6%**
	REVENUES							
	WATER/WASTEWATER FUND	$ 499,239	$ 516,500	$ 521,900	$ 521,200	$ 514,000	$ -	
	WATER/WASTEWATER I & E FUND	-	30,400	30,400	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0		

WATER MANAGEMENT
412/417-6800-568

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 281,445	$ 289,200	$ 291,000	$ 295,800	$ 295,800	$ -	2%
10-12	OVERTIME	13,151	12,000	12,000	12,000	12,000	-	0%
10-14	FICA TAXES	21,306	23,000	23,100	23,500	23,500	-	2%
10-15	HEALTH INSURANCE	76,661	78,000	78,000	67,700	67,700	-	-13%
10-16	L I D INSURANCE	1,463	1,600	1,600	1,600	1,600	-	0%
10-17	WORKERS COMPENSATION	11,990	15,200	15,300	17,100	17,100	-	13%
10-19	PENSION	98,158	97,700	97,700	104,100	104,100	-	7%
10-20	OPEB	21,829	10,700	10,700	6,300	6,300	-	-41%
	PERSONNEL COSTS	**526,004**	**527,400**	**529,400**	**528,100**	**528,100**	**-**	**0%**
20-28	MEDICAL SUP & PHYSICALS	175	2,500	2,500	2,500	2,500	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	1,171	1,400	1,400	1,300	1,200	-	-14%
20-32	SECURITY/SAFETY MATERIALS	403	1,300	1,300	1,300	1,000	-	-23%
20-33	SMALL TOOLS	5,084	5,500	5,500	8,300	7,800	-	42%
20-38	COMPUTER HARDWARE	99	1,100	1,100	-	-	-	-100%
20-51	WATER/SEWER SYSTEM SUP	39,963	50,000	50,000	50,000	45,000	-	-10%
20-53	METERS/METER SUPPLIES	9,998	10,000	30,000	10,000	10,000	-	0%
20-54	PUMPING STATION SUPPLIES	215	-	-	-	-	-	0%
	MATERIALS & SUPPLIES	**57,108**	**71,800**	**91,800**	**73,400**	**67,500**	**-**	**-6%**
30-21	TELEPHONE/FAX	4,320	4,000	4,000	4,000	4,000	-	0%
30-25	ADVERTISEMENT	2,684	2,500	2,500	2,500	2,500	-	0%
30-27	SUBSCRIPTIONS AND DUES	2,964	2,900	2,900	3,000	3,000	-	3%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,683	1,800	1,800	3,400	2,800	-	56%
30-29	CONSULTING FEES	-	2,000	2,000	2,000	-	-	-100%
30-31	CONTRACTUAL SERVICES	5,092	25,000	25,000	20,000	10,000	-	-60%
30-62	GASOLINE	13,670	16,000	16,000	16,000	14,000	-	-13%
30-64	TRUCK REPAIRS/MAINTENANCE	3,079	-	-	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	417	1,000	1,000	1,000	500	-	-50%
30-67	RADIO REPAIRS/MAINTENANCE	855	1,000	1,000	1,000	1,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**35,764**	**56,200**	**56,200**	**52,900**	**37,800**	**-**	**-33%**
	OPERATING EXPENDITURES	**618,876**	**655,400**	**677,400**	**654,400**	**633,400**	**-**	**-3%**
40-23	TRUCKS - PURCHASE	59,832	132,200	178,300	186,500	-	-	-100%
40-24	MAINT EQUIP - PURCHASE	-	12,800	12,800	-	156,300	-	1121%
40-25	OTHER EQUIP - PURCHASE	-	200,000	200,000	229,000	216,100	-	8%
40-31	CONSTRUCTION - PURCHASE	1,750,655	993,800	3,467,000	1,270,200	1,186,000	-	19%
40-91	ECON. DEVEL PROJECTS	-	-	50,000	-	50,000	-	0%
	CAPITAL OUTLAY	**1,810,487**	**1,338,800**	**3,908,100**	**1,685,700**	**1,608,400**	**-**	**20%**
	TOTAL EXPENDITURES	**$ 2,429,363**	**$ 1,994,200**	**$ 4,585,500**	**$ 2,340,100**	**$ 2,241,800**	**$ -**	**12%**
	REVENUES							
	WATER/WASTEWATER FUND	$ 618,876	$ 655,400	$ 677,400	$ 654,400	$ 633,400	$ -	
	WATER/WASTEWATER I & E FUND	1,810,487	1,338,800	3,908,100	1,685,700	1,608,400	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	6.0	6.0	6.0	6.0	6.0		

WASTEWATER MANAGEMENT
412/417-6900-569

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 280,222	$ 396,100	$ 397,100	$ 406,700	$ 406,700	$ -	3%
10-12	OVERTIME	14,596	25,000	25,000	25,000	25,000	-	0%
10-14	FICA TAXES	20,826	32,200	32,300	33,000	33,000	-	2%
10-15	HEALTH INSURANCE	68,910	123,000	123,000	113,000	113,000	-	-8%
10-16	L I D INSURANCE	1,434	2,000	2,000	2,200	2,200	-	10%
10-17	WORKERS COMPENSATION	11,491	21,200	21,200	23,800	23,800	-	12%
10-19	PENSION	37,893	40,300	40,300	56,000	56,000	-	39%
10-20	OPEB	21,239	14,600	14,600	8,700	8,700	-	-40%
	PERSONNEL COSTS	**456,610**	**654,400**	**655,500**	**668,400**	**668,400**	**-**	2%
20-28	MEDICAL SUP & PHYSICALS	-	4,200	4,200	4,200	4,200	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	2,054	3,000	3,000	2,900	2,200	-	-27%
20-32	SECURITY/SAFETY MATERIALS	996	3,600	3,600	3,600	2,500	-	-31%
20-33	SMALL TOOLS	4,954	5,000	5,000	7,800	6,800	-	36%
20-35	CHEMICALS & ADDITIVES	1,378	2,000	2,000	2,000	1,500	-	-25%
20-37	COMPUTER SOFTWARE	3,600	3,600	3,600	3,600	3,600	-	0%
20-38	COMPUTER HARDWARE	99	1,100	1,100	600	600	-	-45%
20-46	CITY BLDG MAINT SUPPLIES	372	500	500	500	500	-	0%
20-51	WATER/SEWER SYSTEM SUP	10,841	16,000	16,000	16,000	14,000	-	-13%
20-53	METERS/METER SUPPLIES	9,960	10,000	30,000	10,000	10,000	-	0%
20-54	PUMPING STATION SUPPLIES	35,964	38,000	38,000	38,000	35,000	-	-8%
20-58	WATER/SEWER	1,330	1,200	1,200	1,200	1,300	-	8%
	MATERIALS & SUPPLIES	**71,549**	**88,200**	**108,200**	**90,400**	**82,200**	**-**	**-7%**
30-21	TELEPHONE/FAX	4,396	4,000	4,000	5,500	5,000	-	25%
30-23	ELECTRICITY	146,981	145,000	145,000	145,000	140,000	-	-3%
30-24	HEATING OIL/GAS	1,172	-	-	-	-	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	70	100	100	1,400	1,000	-	900%
30-29	CONSULTING FEES	412	2,000	2,000	2,000	-	-	-100%
30-31	CONTRACTUAL SERVICES	79,254	52,500	52,500	52,500	52,500	-	0%
30-62	GASOLINE	12,138	15,000	15,000	15,000	12,500	-	-17%
30-64	TRUCK REPAIRS/MAINTENANCE	27	-	-	-	-	-	0%
30-65	MAINT EQUIP REPAIRS/MAINT	801	600	600	600	600	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	664	600	600	600	600	-	0%
	ADMINISTRATIVE EXPENDITURES	**245,915**	**219,800**	**219,800**	**222,600**	**212,200**	**-**	**-3%**
	OPERATING EXPENDITURES	**774,075**	**962,400**	**983,500**	**981,400**	**962,800**	**-**	**0%**
40-23	TRUCKS - PURCHASE	245,819	-	-	30,200	-	-	0%
40-24	MAINT EQUIP REPAIRS/MAINT	64,223	47,200	47,200	-	-	-	-100%
40-25	OTHER EQUIPMENT	-	200,000	200,000	264,000	251,100	-	26%
40-31	CONSTRUCTION - PURCHASE	2,735,845	1,774,000	3,707,500	2,174,300	1,241,900	-	-30%
40-91	ECON. DEVEL PROJECTS	-	-	50,000	-	50,000	-	0%
	CAPITAL OUTLAY	**3,045,887**	**2,021,200**	**4,004,700**	**2,468,500**	**1,543,000**	**-**	**-24%**
	TOTAL EXPENDITURES	**$ 3,819,962**	**$ 2,983,600**	**$ 4,988,200**	**$ 3,449,900**	**$ 2,505,800**	**$ -**	**-16%**
	REVENUES							
	WATER/WASTEWATER FUND	$ 774,075	$ 962,400	$ 983,500	$ 981,400	$ 962,800	$ -	
	WATER/WASTEWATER I & E FUND	3,045,887	2,021,200	4,004,700	2,468,500	1,543,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	11.0	11.0	11.0	11.0	11.0		

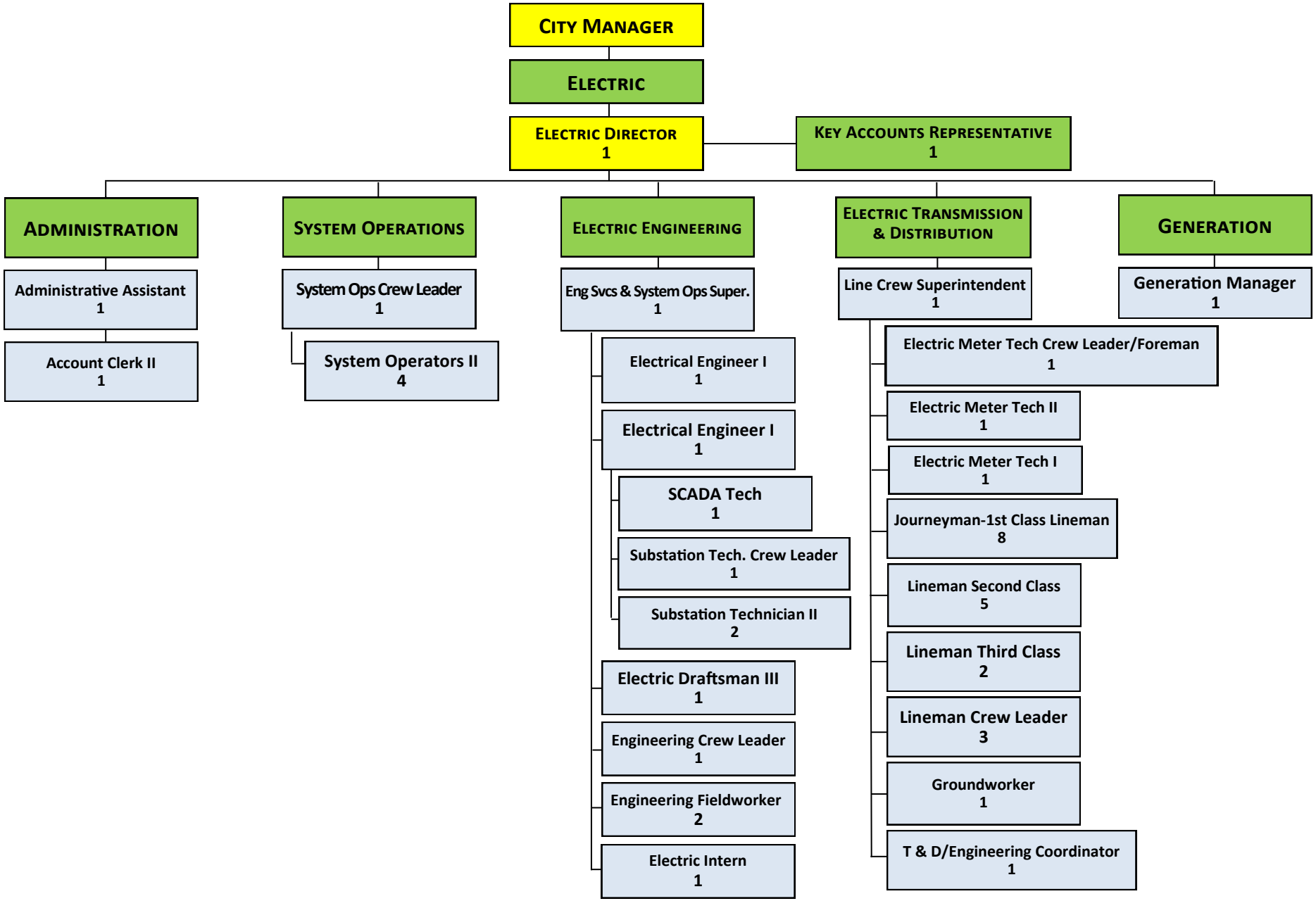
WATER TREATMENT PLANT
412/417-7600-576

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 545,165	$ 589,400	$ 597,800	$ 608,700	$ 608,700	$ -	3%
10-12	OVERTIME	45,843	30,000	30,000	30,000	30,000	-	0%
10-14	FICA TAXES	42,680	47,400	48,000	48,800	48,800	-	3%
10-15	HEALTH INSURANCE	159,266	189,600	189,600	185,000	185,000	-	-2%
10-16	L I D INSURANCE	2,806	3,200	3,200	3,200	3,200	-	0%
10-17	WORKERS COMPENSATION	24,095	31,200	31,600	35,400	35,400	-	13%
10-19	PENSION	124,118	127,100	127,100	159,500	159,500	-	25%
10-20	OPEB	43,713	22,200	22,200	13,300	13,300	-	-40%
	PERSONNEL COSTS	**987,688**	**1,040,100**	**1,049,500**	**1,083,900**	**1,083,900**	**-**	**4%**
20-25	CUSTODIAL	693	600	600	600	600	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	4,044	5,100	5,100	4,800	4,500	-	-12%
20-32	SECURITY/SAFETY MATERIALS	1,565	2,000	2,000	2,000	2,000	-	0%
20-33	SMALL TOOLS	3,965	4,500	4,500	4,500	4,300	-	-4%
20-35	CHEMICALS & ADDITIVES	124,713	130,000	130,000	140,000	130,000	-	0%
20-38	COMPUTER HARDWARE	197	3,100	3,100	-	-	-	-100%
20-46	CITY BLDG MAINT SUPPLIES	2,135	2,500	2,500	7,500	7,500	-	200%
20-49	WELL SUPPLIES/REHAB	11,907	12,000	12,000	12,000	12,000	-	0%
	MATERIALS & SUPPLIES	**149,220**	**159,800**	**159,800**	**171,400**	**160,900**	**-**	**1%**
30-21	TELEPHONE/FAX	460	500	500	500	500	-	0%
30-23	ELECTRICITY	429,648	440,000	440,000	455,000	425,000	-	-3%
30-24	HEATING OIL/GAS	4,802	6,000	6,000	6,000	5,000	-	-17%
30-25	ADVERTISEMENT	836	500	500	500	-	-	-100%
30-27	SUBSCRIPTIONS AND DUES	600	700	700	700	700	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	549	700	700	700	700	-	0%
30-31	CONTRACTUAL SERVICES	56,069	59,800	59,800	83,800	83,800	-	40%
30-62	GASOLINE	6,100	9,000	9,000	9,000	8,000	-	-11%
30-66	OTHER EQUIP REPAIRS/MAINT	11,115	10,000	10,000	12,000	10,000	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	166	300	300	300	300	-	0%
	ADMINISTRATIVE EXPENDITURES	**510,345**	**527,500**	**527,500**	**568,500**	**534,000**	**-**	**1%**
	OPERATING EXPENDITURES	**1,647,253**	**1,727,400**	**1,736,800**	**1,823,800**	**1,778,800**	**-**	**3%**
40-23	TRUCKS - PURCHASE	-	-	-	28,100	-	-	0%
40-31	CONSTRUCTION PURCHASES	246,052	1,200,000	1,200,000	1,570,000	-	-	-100%
	CAPITAL OUTLAY	**246,052**	**1,200,000**	**1,200,000**	**1,598,100**	**-**	**-**	**-100%**
	TOTAL EXPENDITURES	**$ 1,893,305**	**$ 2,927,400**	**$ 2,936,800**	**$ 3,421,900**	**$ 1,778,800**	**$ -**	**-39%**
	REVENUES							
	WATER/WASTEWATER FUND	$ 1,647,253	$ 1,727,400	$ 1,736,800	$ 1,823,800	$ 1,778,800	$ -	
	WATER/WASTEWATER I & E FUND	246,052	1,200,000	1,200,000	1,598,100	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	13.0	13.0	13.0	13.0	13.0		

Electric Fund

Electric Division

Fiscal Year 2018 Organizational Chart



POWER PLANT OPERATIONS
480/487-8101-591

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES & WAGES	$ 2,203,821	$ 2,400,400	$ 2,350,400	$ 2,350,800	$ 2,350,800	$ -	-2%
10-12	OVERTIME	238,400	185,500	215,500	264,500	185,500	-	43%
10-18	EDUCATIONAL ASSISTANCE	-	2,500	2,500	2,500	-	-	0%
10-24	BURDEN @ 40%	688,243	1,065,600	1,035,600	980,600	980,600	-	-8%
	PERSONNEL COSTS	**3,130,464**	**3,654,000**	**3,604,000**	**3,598,400**	**3,516,900**	**-**	**-2%**
20-22	OFFICE SUPPLIES/SUBSCRIPT	7,017	7,000	7,000	7,000	7,000	-	0%
20-23	PRINTING & DUPLICATING	4,277	2,500	2,500	2,500	2,500	-	0%
20-25	JANITORIAL SERV/SUPPLIES	35,754	35,000	35,000	37,000	35,000	-	6%
20-28	MEDICAL SUPPLIES	-	2,400	2,400	2,400	2,400	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	15,290	10,000	10,000	12,000	12,000	-	20%
20-32	SECURITY/SAFETY MATERIALS	8,034	13,200	13,200	12,200	12,200	-	-8%
20-33	SMALL TOOLS	1,663	1,900	1,900	1,900	1,900	-	0%
20-35	WATER TREATMENT CHEMICALS	37,378	31,900	31,900	30,900	30,900	-	-3%
20-37	COMPUTER SOFTWARE	8,245	9,100	9,100	9,800	9,100	-	8%
20-38	COMPUTER HARDWARE	3,744	4,700	4,700	5,800	-	-	23%
20-46	CITY BUILDING MAINTENANCE	36,798	42,500	42,500	54,000	34,000	-	27%
20-58	WATER/SEWER	45,987	84,000	134,000	140,000	84,000	-	67%
	MATERIALS & SUPPLIES	**204,188**	**244,200**	**294,200**	**315,500**	**231,000**	**-**	**29%**
30-19	OPERATOR INSURANCE	409,055	405,500	470,500	479,900	470,500	-	18%
30-21	TELEPHONE	6,199	9,000	9,000	9,000	9,000	-	0%
30-22	POSTAGE	8,253	9,000	9,000	9,000	9,000	-	0%
30-23	ELECTRICITY	546,417	550,000	550,000	630,000	550,000	-	15%
30-24	HEATING OIL/GAS	43,893	40,000	40,000	45,000	40,000	-	13%
30-28	TRAINING/CONF/FOOD/TRAVEL	53,195	66,500	66,500	93,800	54,000	-	41%
30-31	CONTRACTUAL SERVICES	156,109	76,300	76,300	83,000	80,500	-	9%
30-43	ENVIRONMENT EXPENSES	114,807	104,000	104,000	166,500	146,500	-	60%
30-45	OPERATOR MANAGEMENT FEE	800,696	781,300	781,300	792,700	792,700	-	1%
30-47	HOME OFFICE LABOR	31,800	15,000	15,000	20,000	15,000	-	33%
30-51	RIGHT OF WAY/PERMITS	36,650	36,900	36,900	36,900	36,900	-	0%
30-62	GASOLINE	1,597	2,000	2,000	2,000	2,000	-	0%
30-66	OTHER EQUIPT/MAINTENANCE	45,567	41,700	41,700	41,700	41,700	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	496	6,500	6,500	3,500	3,500	-	-46%
30-80	AUXILLARY SYSTEMS	53,169	44,600	44,600	44,600	44,600	-	0%
30-81	BOILER SYSTEMS	29,065	47,000	47,000	47,000	47,000	-	0%
30-82	CONTINUOUS EMISSIONS MONI	1,527	4,000	4,000	4,000	4,000	-	0%
30-83	DCS CONTROL SYSTEM	1,866	9,700	9,700	9,700	9,700	-	0%
30-84	FIRE PROTECTION SYSTEM	7,750	22,500	22,500	14,500	10,000	-	-36%
30-85	COOLING TOWER	3,202	5,000	5,000	5,000	5,000		0%
30-86	FUEL OIL/GAS SYSTEMS	191	3,000	3,000	3,000	3,000	-	0%
30-87	COMBUSTION TURBINE MAINT	37,612	18,000	18,000	12,000	12,000	-	-33%
30-88	POWER DISTRIBUTION SYSTEM	6,539	10,000	10,000	10,000	7,000	-	0%
30-89	TURBINE GENERATOR SYSTEMS	4,550	10,000	10,000	10,000	5,000	-	0%
	ADMINISTRATIVE EXPENDITURES	**2,400,203**	**2,317,500**	**2,382,500**	**2,572,800**	**2,398,600**	**-**	**11%**
	OPERATING EXPENDITURES	**5,734,855**	**6,215,700**	**6,280,700**	**6,486,700**	**6,146,500**	**-**	**4%**
40-23	TRUCK - PURCHASES	-	65,800	65,800	-	-	-	-100%
40-25	OTHER EQUIP-PURCHASE	-	59,000	59,000	-	-	-	-100%
40-31	CONSTRUCTION-PURCHASE	964,880	1,718,000	2,264,300	2,990,000	2,328,000	-	74%
	CAPITAL OUTLAY	**964,880**	**1,842,800**	**2,389,100**	**2,990,000**	**2,328,000**	**-**	**62%**
	TOTAL EXPENDITURES	**$ 6,699,736**	**$ 8,058,500**	**$ 8,669,800**	**$ 9,476,700**	**$ 8,474,500**	**$ -**	**18%**
	REVENUES							
	ELECTRIC FUND - OPERATING	$ 5,734,855	$ 6,215,700	$ 6,280,700	$ 6,486,700	$ 6,146,500	$ -	
	ELECTRIC I & E FUND - CIP	964,880	1,842,800	2,389,100	2,990,000	2,328,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	27.0	27.0	27.0	27.0	27.0		

POWER SUPPLY
480/487-8102-592

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
30-31	CONTRACTUAL SERVICES	$ -	$ -	$ -	$ -	$ 100,000	$ -	0%
30-32	LEGAL EXPENSES	-	-	-	-	25,000	-	0%
65-44	OPERATOR/SUPPLY MGMT FEE	996,000	996,000	835,000	835,000	835,000	-	-16%
	65 SERIES TOTAL	**996,000**	**996,000**	**835,000**	**835,000**	**960,000**	**-**	**-4%**
95-48	3RD PARTY HEDGE PURCHASES	23,610,686	16,557,600	19,489,500	22,807,900	22,807,900	-	38%
95-49	CAPACITY CHARGES	10,574,198	10,160,600	10,428,800	10,482,500	10,482,500	-	3%
95-50	CAPACITY CREDITS	(9,827,426)	(7,355,100)	(7,364,400)	(7,120,100)	(7,120,100)	-	-3%
95-58	SOLAR POWER SUPPLY	2,280,044	2,313,900	2,454,200	2,661,300	2,661,300	-	15%
95-59	SOLAR RENEWAL ENERGY CREDIT	344,577	363,400	359,500	371,200	371,200	-	2%
95-60	RENEWABLE ENERGY CREDITS	586,169	673,400	673,200	578,300	578,300	-	-14%
95-61	REGIONAL GREENHOUSE GAS	66,080	129,300	41,400	64,000	64,000	-	-51%
95-90	PJM CHARGES - TRANS. & FEES	5,247,660	7,603,800	6,036,700	6,900,200	6,900,200	-	-9%
95-91	PJM CHARGES - ENERGY	2,960,596	12,357,900	6,783,900	6,024,400	6,024,400	-	-51%
95-92	PJM CREDITS	(617,904)	(360,000)	(584,500)	(535,400)	(535,400)	-	49%
95-93	PJM SPOT MARKET ENERGY	(1,002,972)	(804,900)	(1,391,800)	(1,606,000)	(958,100)	-	19%
	95 SERIES TOTAL	**34,221,708**	**41,639,900**	**36,926,500**	**40,628,300**	**41,276,200**	**-**	**-1%**
98-90	RENEWABLE ENERGY CHARGES	27,180	-	-	-	-	-	0%
98-91	GAS FUEL	362,132	302,600	1,255,200	1,614,600	817,400	-	170%
98-93	NO. 2 FUEL OIL	950,376	-	1,100	-	-	-	0%
	98 SERIES TOTAL	**1,339,688**	**302,600**	**1,256,300**	**1,614,600**	**817,400**	**-**	**170%**
	OPERATING EXPENDITURES	**36,557,396**	**42,938,500**	**39,017,800**	**43,077,900**	**43,053,600**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 36,557,396**	**$ 42,938,500**	**$ 39,017,800**	**$ 43,077,900**	**$ 43,053,600**	**$ -**	**0%**
	REVENUES							
	ELECTRIC FUND	$ 36,557,396	$ 42,938,500	$ 39,017,800	$ 43,077,900	$ 43,053,600	$ -	

ELECTRIC TRANSMISSION & DISTRIBUTION
480/487-8200-562

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 1,456,833	$ 1,562,500	$ 1,575,900	$ 1,628,000	$ 1,643,000	$ -	5%
10-12	OVERTIME	112,131	106,800	106,800	106,800	106,800	-	0%
10-14	FICA TAXES	115,919	127,700	128,700	132,700	133,800	-	5%
10-15	HEALTH INSURANCE	229,955	283,500	283,500	256,800	256,800	-	-9%
10-16	L I D INSURANCE	5,967	6,400	6,400	6,600	6,700	-	5%
10-17	WORKERS COMPENSATION	63,978	84,100	84,800	96,100	96,900	-	15%
10-19	PENSION	393,330	451,200	451,200	412,300	413,200	-	-8%
10-20	OPEB	26,096	30,300	30,300	31,600	31,900	-	5%
	PERSONNEL COSTS	**2,404,211**	**2,652,500**	**2,667,600**	**2,670,900**	**2,689,100**	**-**	**1%**
20-29	UNIFORMS/UNIFORM ALLOW	15,008	23,000	23,000	23,000	23,000	-	0%
20-32	SECURITY/SAFETY MATERIALS	20,202	18,000	18,000	18,000	18,000	-	0%
20-33	SMALL TOOLS	19,980	25,000	25,000	25,000	25,000	-	0%
20-38	COMPUTER HARDWARE	13,658	12,000	13,300	12,000	12,000	-	0%
20-53	METERS/METER SUPPLIES	13,782	24,000	44,000	38,000	38,000	-	58%
20-58	WATER/SEWER	500	300	300	300	500	-	67%
20-61	ELEC MATERIALS/SUPPLIES	316,958	332,300	306,100	337,300	306,100	-	-8%
	MATERIALS & SUPPLIES	**400,087**	**434,600**	**429,700**	**453,600**	**422,600**	**-**	**-3%**
30-21	TELEPHONE/FAX	1,204	1,400	1,800	1,400	1,400	-	0%
30-23	ELECTRICITY	437	600	600	600	500	-	-17%
30-24	HEATING OIL/GAS	3,777	6,000	6,000	6,000	6,000	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	11,450	8,900	8,900	15,600	10,200	-	15%
30-31	CONTRACTUAL SERVICES	366,614	410,900	410,900	410,900	381,000	-	-7%
30-43	ENVIRONMENTAL EXPENSES	30,456	28,000	28,000	28,000	28,000	-	0%
30-51	RIGHT OF WAY	5,955	6,000	6,000	6,000	6,000	-	0%
30-62	GASOLINE	28,856	32,000	32,000	32,000	30,000	-	-6%
30-64	TRUCK REPAIRS/MAINTENANCE	16,140	15,000	15,000	15,000	15,000	-	0%
30-66	OTHER EQUIP REPAIRS/MAINT	7,055	7,500	7,500	7,500	7,500	-	0%
30-67	RADIO REPAIRS/MAINTENANCE	3,443	2,300	2,300	2,300	2,300	-	0%
	ADMINISTRATIVE EXPENDITURES	**475,387**	**518,600**	**519,000**	**525,300**	**487,900**	**-**	**-6%**
	OPERATING EXPENDITURES	**3,279,685**	**3,605,700**	**3,616,300**	**3,649,800**	**3,599,600**	**-**	**0%**
40-23	TRUCKS - PURCHASE	399,941	-	-	328,000	335,500	-	0%
40-25	OTHER EQUIP - PURCHASE	-	25,000	175,000	150,000	40,000	-	60%
40-31	CONSTRUCTION - PURCHASE	-	450,000	-	-	-	-	-100%
40-91	UTILITY CONNECTION ASSISTANCE	-	-	50,000	-	50,000	-	0%
60-31	UG TRANSFORMERS	200,874	500,000	500,000	500,000	285,000	-	-43%
60-34	UG CONDUCTORS/DEVICES	479,709	900,000	1,350,000	1,350,000	963,000	-	7%
60-46	METERS	28,927	100,000	100,000	100,000	52,000	-	-48%
	CAPITAL OUTLAY	**1,109,450**	**1,975,000**	**2,175,000**	**2,428,000**	**1,725,500**	**-**	**-13%**
	TOTAL EXPENDITURES	**$ 4,389,135**	**$ 5,580,700**	**$ 5,791,300**	**$ 6,077,800**	**$ 5,325,100**	**$ -**	**-5%**
	REVENUES							
	ELECTRIC FUND	$ 3,279,685	$ 3,605,700	$ 3,616,300	$ 3,649,800	$ 3,599,600	$ -	
	ELECTRIC I & E FUND	1,109,450	1,975,000	2,175,000	2,428,000	1,725,500	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	24.0	24.0	24.0	24.0	24.0		

ELECTRIC ENGINEERING
480/487-8300-563

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 570,599	$ 616,000	$ 618,700	$ 627,000	$ 627,000	$ -	2%
10-12	OVERTIME	5,337	11,100	11,100	11,100	10,000	-	-10%
10-13	TEMPORARY HELP	-	10,600	10,600	10,600	10,600	-	0%
10-14	FICA TAXES	42,222	48,000	48,200	48,800	48,700	-	1%
10-15	HEALTH INSURANCE	96,876	124,100	124,100	117,800	117,800	-	-5%
10-16	L I D INSURANCE	2,209	2,800	2,800	2,800	2,800	-	0%
10-17	WORKERS COMPENSATION	14,100	22,900	23,000	25,700	25,600	-	12%
10-19	PENSION	84,404	93,900	93,900	68,800	68,800	-	-27%
10-20	OPEB	12,133	12,100	12,100	12,300	12,300	-	2%
	PERSONNEL COSTS	**827,881**	**941,500**	**944,500**	**924,900**	**923,600**	**-**	**-2%**
20-21	FURNITURE/FIXTURES	-	-	600	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	4,005	7,000	7,000	7,000	7,000	-	0%
20-31	BOOKS	119	200	200	200	200	-	0%
20-32	SECURITY/SAFETY MATERIALS	2,272	4,600	4,600	4,600	4,600	-	0%
20-33	SMALL TOOLS	182	2,000	2,000	2,000	1,500	-	-25%
20-37	COMPUTER SOFTWARE	2,516	10,600	10,600	10,800	10,800	-	2%
20-38	COMPUTER HARDWARE	3,348	2,600	2,600	13,400	13,400	-	415%
20-61	ELEC MATERIALS/SUPPLIES	17,077	34,000	33,400	34,000	25,000	-	-26%
	MATERIALS & SUPPLIES	**29,520**	**61,000**	**61,000**	**72,000**	**62,500**	**-**	**2%**
30-21	TELEPHONE/FAX	19,431	20,000	20,000	20,000	20,000	-	0%
30-23	ELECTRICITY	1,086	1,700	1,700	1,700	1,600	-	-6%
30-27	SUBSCRIPTIONS AND DUES	352	400	400	400	400	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	7,148	20,000	20,000	20,000	15,000	-	-25%
30-31	CONTRACTUAL SERVICES	98,211	126,000	126,000	186,800	126,000	-	0%
30-43	ENVIRONMENTAL EXPENSES	70,357	60,000	60,000	60,000	60,000	-	0%
30-62	GASOLINE	7,604	10,000	10,000	10,000	9,000	-	-10%
30-66	OTHER EQUIP REPAIRS/MAINT	3,644	6,000	6,000	6,000	4,000	-	-33%
30-67	RADIO REPAIRS/MAINTENANCE	747	1,300	1,300	1,300	1,000	-	-23%
	ADMINISTRATIVE EXPENDITURES	**208,579**	**245,400**	**245,400**	**306,200**	**237,000**	**-**	**-3%**
	OPERATING EXPENDITURES	**1,065,980**	**1,247,900**	**1,250,900**	**1,303,100**	**1,223,100**	**-**	**-2%**
40-22	AUTOMOBILES - PURCHASE	-	-	-	25,000	-	-	0%
40-23	TRUCKS - PURCHASE	-	33,200	33,200	-	-	-	-100%
40-25	OTHER EQUIP - PURCHASE	1,200	35,000	35,000	-	-	-	-100%
40-31	CONSTRUCTION - PURCHASE	183,546	167,500	167,500	511,000	241,000	-	44%
50-76	LIGHTING IMPROVEMENTS	-	50,000	50,000	50,000	100,000	-	100%
50-83	UG CABLE REPLACEMENT	-	-	135,000	480,700	-	-	0%
50-85	WIRE REPLACEMENT 69KV	-	-	250,600	-	-	-	0%
60-46	METERS - AMI	-	-	-	150,000	150,000	-	0%
60-64	FIBER OPTIC ELECTRONIC EQ	-	-	-	69,000	69,000	-	0%
60-82	CAPACITOR INSTALLATIONS	-	50,000	50,000	50,000	35,000	-	-30%
70-28	DISTRIBUTION AUTOMATION	-	-	-	150,000	-	-	0%
70-35	TRANSMISSION/SWITCHES	824,133	75,000	75,000	75,000	50,000	-	-33%
70-60	GARRISON SUBSTATION	-	-	-	50,000	50,000	-	0%
80-38	UPGRADE SCADA	-	150,000	150,000	-	-	-	-100%
90-25	DISTRIBUTION UPGRADES	426,916	350,000	785,400	2,070,000	620,000	-	77%
90-78	WHITEOAK 69KV REBUILD	169,076	-	-	-	-	-	0%
	CAPITAL OUTLAY	**1,604,872**	**910,700**	**1,731,700**	**3,680,700**	**1,315,000**	**-**	**44%**
	TOTAL EXPENDITURES	**$ 2,670,851**	**$ 2,158,600**	**$ 2,982,600**	**$ 4,983,800**	**$ 2,538,100**	**$ -**	**18%**
	REVENUES							
	ELECTRIC FUND	$ 1,065,980	$ 1,247,900	$ 1,250,900	$ 1,303,100	$ 1,223,100	$ -	
	ELECTRIC I & E FUND	1,604,872	910,700	1,731,700	3,680,700	1,315,000	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	10.0	10.0	10.0	10.0	10.0		

ELECTRIC ADMINISTRATION
480/487-8400-564

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 203,222	$ 346,700	$ 346,700	$ 337,500	$ 337,500	$ -	-3%
10-14	FICA TAXES	14,915	26,500	26,500	25,800	25,800	-	-3%
10-15	HEALTH INSURANCE	32,529	60,500	60,500	69,400	69,400	-	15%
10-16	L I D INSURANCE	1,091	1,800	1,800	1,900	1,900	-	6%
10-17	WORKERS COMPENSATION	659	1,100	1,100	1,100	1,100	-	0%
10-19	PENSION	22,166	33,000	33,000	30,700	30,700	-	-7%
10-20	OPEB	3,725	10,100	10,100	11,200	6,800	-	-33%
	PERSONNEL COSTS	**278,306**	**479,700**	**479,700**	**477,600**	**473,200**	**-**	**-1%**
20-22	OFFICE SUPPLIES	1,015	1,000	1,500	1,000	1,000	-	0%
20-23	PRINTING AND DUPLICATING	8,103	9,000	9,000	9,300	9,000	-	0%
20-28	MEDICAL SUP & PHYSICALS	92	100	100	100	100	-	0%
20-32	SECURITY/SAFETY MATERIALS	4,863	-	-	-	-	-	0%
20-37	COMPUTER SOFTWARE	100	200	200	1,000	-	-	-100%
20-38	COMPUTER HARDWARE	2,419	2,000	5,100	2,000	2,000	-	0%
20-46	CITY BLDG MAINT SUPPLIES	150,555	136,300	136,300	136,300	155,000	-	14%
20-58	WATER/SEWER	743	900	900	900	800	-	-11%
	MATERIALS & SUPPLIES	**167,890**	**149,500**	**153,100**	**150,600**	**167,900**	**-**	**12%**
30-21	TELEPHONE/FAX	1,057	1,000	1,900	1,100	1,900	-	90%
30-23	ELECTRICITY	15,337	17,000	17,000	17,000	15,000	-	-12%
30-27	SUBSCRIPTIONS AND DUES	64,874	67,300	67,300	67,300	67,300	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	2,103	2,500	2,500	4,500	3,000	-	20%
30-29	CONSULTING FEES	-	25,000	25,000	25,000	-	-	-100%
30-31	CONTRACTUAL SERVICES	78,048	59,700	59,700	59,700	63,700	-	7%
30-32	LEGAL EXPENSES	103,688	125,000	125,000	125,000	-	-	-100%
30-35	COMMUNITY RELATIONS EXP	-	2,500	2,500	2,500	2,500	-	0%
30-62	GASOLINE	93	500	500	500	300	-	-40%
	ADMINISTRATIVE EXPENDITURES	**265,201**	**300,500**	**301,400**	**302,600**	**153,700**	**-**	**-49%**
	OPERATING EXPENDITURES	**711,397**	**929,700**	**934,200**	**930,800**	**794,800**	**-**	**-15%**
40-25	OTHER EQUIP - PURCHASE	-	-	13,000	-	-	-	0%
40-31	CONSTRUCTION - PURCHASE	-	-	10,000	1,183,700	8,500	-	0%
	CAPITAL OUTLAY	**-**	**-**	**23,000**	**1,183,700**	**8,500**	**-**	**0%**
	TOTAL EXPENDITURES	**$ 711,397**	**$ 929,700**	**$ 957,200**	**$ 2,114,500**	**$ 803,300**	**$ -**	**-14%**
	REVENUES							
	ELECTRIC FUND	$ 711,397	$ 929,700	$ 934,200	$ 930,800	$ 794,800	$ -	
	ELECTRIC I & E FUND	-	-	23,000	1,183,700	8,500	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	5.0	5.0	5.0	5.0		

METER READING
480/487-8500-565

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 186,073	$ 193,200	$ 194,100	$ 223,100	$ 192,200	$ -	-1%
10-12	OVERTIME	15,739	19,100	19,100	24,700	19,100	-	0%
10-13	TEMPORARY HELP	5,787	12,500	12,500	12,500	12,500	-	0%
10-14	FICA TAXES	15,101	17,200	17,300	19,900	17,100	-	-1%
10-15	HEALTH INSURANCE	51,688	55,500	55,500	63,400	51,000	-	-8%
10-16	L I D INSURANCE	883	1,000	1,000	1,200	1,000	-	0%
10-17	WORKERS COMPENSATION	8,152	8,000	8,000	10,600	8,700	-	9%
10-19	PENSION	45,440	40,400	40,400	59,400	57,700	-	43%
10-20	OPEB	3,324	3,700	3,700	4,300	3,700	-	0%
	PERSONNEL COSTS	**332,185**	**350,600**	**351,600**	**419,100**	**$ 363,000**	**-**	**4%**
20-21	FURNITURE/FIXTURES	331	-	-	-	-	-	0%
20-29	UNIFORMS/UNIFORM ALLOW	3,675	4,700	4,700	6,300	4,700	-	0%
20-32	SECURITY/SAFETY MATERIALS	-	100	100	100	100	-	0%
20-33	SMALL TOOLS	5,318	6,100	5,400	6,100	5,400	-	-11%
20-55	METER READING SUPPLIES	4,601	4,000	4,000	4,000	4,000	-	0%
	MATERIALS & SUPPLIES	**13,924**	**14,900**	**14,200**	**16,500**	**14,200**	**-**	**-5%**
30-21	TELEPHONE/FAX	2,036	2,100	2,100	2,100	2,100	-	0%
30-28	TRAINING/CONF/FOOD/TRAVEL	-	500	500	500	500	-	0%
30-62	GASOLINE	4,959	5,000	5,000	5,000	5,000	-	0%
30-66	OTHER EQUIP REPAIRS/MAINT	5,300	5,300	6,000	6,000	5,900	-	11%
30-67	RADIO REPAIRS/MAINTENANCE	166	200	200	300	300	-	50%
	ADMINISTRATIVE EXPENDITURES	**12,461**	**13,100**	**13,800**	**13,900**	**13,800**	**-**	**5%**
	OPERATING EXPENDITURES	**358,571**	**378,600**	**379,600**	**449,500**	**391,000**	**-**	**3%**
40-23	TRUCKS - PURCHASE	-	41,800	64,800	-	-	-	-100%
	CAPITAL OUTLAY	**-**	**41,800**	**64,800**	**-**	**-**	**-**	-100%
	TOTAL EXPENDITURES	**$ 358,571**	**$ 420,400**	**$ 444,400**	**$ 449,500**	**$ 391,000**	**$ -**	**-7%**
	REVENUES							
	ELECTRIC FUND	$ 358,571	$ 378,600	$ 379,600	$ 449,500	$ 391,000	$ -	
	ELECTRIC I & E FUND	-	41,800	64,800	-	-	-	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	4.0	4.0	4.0	5.0	4.0		

SYSTEM OPERATIONS
480/487-8600-526

ACCT	DESCRIPTION	2015-2016 ACTUAL	2016-2017 BUDGET	2016-2017 REVISED	2017-2018 REQUESTED	2017-2018 RECOMMENDED	2017-2018 APPROVED	% CHANGE
10-11	SALARIES	$ 341,401	$ 344,000	$ 353,400	$ 357,200	$ 357,200	$ -	4%
10-12	OVERTIME	70,385	72,900	72,900	72,900	72,900	-	0%
10-14	FICA TAXES	29,980	31,900	32,600	32,900	32,900	-	3%
10-15	HEALTH INSURANCE	72,389	92,800	92,800	74,600	74,600	-	-20%
10-16	L I D INSURANCE	1,340	1,300	1,300	1,400	1,400	-	8%
10-17	WORKERS COMPENSATION	13,033	21,000	21,300	23,800	23,800	-	13%
10-19	PENSION	58,704	81,000	81,000	74,900	74,900	-	-8%
10-20	OPEB	6,194	6,800	6,800	7,000	7,000	-	3%
	PERSONNEL COSTS	**593,428**	**651,700**	**662,100**	**644,700**	**644,700**	**-**	**-1%**
	TOTAL EXPENDITURES	**$ 593,428**	**$ 651,700**	**$ 662,100**	**$ 644,700**	**$ 644,700**	**$ -**	**-1%**
	REVENUES							
	ELECTRIC FUND	$ 593,428	$ 651,700	$ 662,100	$ 644,700	$ 644,700	$ -	
	PERSONNEL							
	BUDGETED FULL-TIME POSITIONS	5.0	5.0	5.0	5.0	5.0		

Other Funds



Municipal Street Aid
Realty Transfer Tax
Workers' Compensation
Community Transportation
Library Grants
Police Grants
Electric Red Light Program
CDBG
Substance Abuse Prevent. Program

MUNICIPAL STREET AID FUND

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	135	100	100	100	-	0.0%
STATE GRANT	673,128	673,100	673,100	673,100	-	0.0%
INTEREST EARNED	214	-	-	-	-	0.0%
TOTALS	**673,477**	**673,200**	**673,200**	**673,200**	**-**	**0.0%**

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
TRANSFER TO GENERAL FUND	673,377	673,100	673,100	673,100	-	0.0%
CURRENT YEAR BALANCE	100	100	100	100	-	0.0%
TOTALS	**673,477**	**673,200**	**673,200**	**673,200**	**-**	**0.0%**

REALTY TRANSFER TAX

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	9	-	-	-	-	0.0%
REALTY TRANSFER TAXES	2,191,915	1,672,700	1,457,000	1,209,300	(463,400)	0.0%
INTEREST EARNED	437	-	-	-	-	0.0%
TOTALS	**2,192,361**	**1,672,700**	**1,457,000**	**1,209,300**	**(463,400)**	**0.0%**

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
PROGRAM EXPENDITURES	2,550	-	-	-	-	0.0%
TRANSFER TO GENERAL FUND	2,188,634	1,672,700	1,457,000	1,209,300	(463,400)	0.0%
CURRENT YEAR BALANCE	1,177	-	-	-	-	0.0%
TOTALS	**2,192,361**	**1,672,700**	**1,457,000**	**1,209,300**	**(463,400)**	**0.0%**

WORKER'S COMPENSATION FUND 662

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
BEGINNING BALANCE	1,248,164	1,256,300	1,251,900	1,487,800	231,500	18.4%
INTEREST INCOME	23,653	25,000	25,000	22,500	(2,500)	-10.0%
PREMIUM FROM CITY	679,064	855,400	855,400	904,300	48,900	5.7%
MISCELLANEOUS REVENUE	9,489	-	-	-	-	0.0%
TOTALS	**1,960,370**	**2,136,700**	**2,132,300**	**2,414,600**	**277,900**	**13.0%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PROGRAM EXPENSE - CLAIMS	561,086	475,000	475,000	565,000	90,000	18.9%
INSURANCE	105,416	105,500	105,500	110,800	5,300	5.0%
STATE OF DEL - SELF INSURANCE TAX	38,041	39,000	39,000	39,000	-	0.0%
CONTRACTUAL SERVICES	4,000	25,000	25,000	25,000	-	0.0%
TOTAL EXPENSES	**708,543**	**644,500**	**644,500**	**739,800**	**-**	**14.8%**
CURRENT YEAR BALANCE	1,251,827	1,492,200	1,487,800	1,674,800	182,600	12.2%
TOTALS	**1,960,370**	**2,136,700**	**2,132,300**	**2,414,600**	**277,900**	**13.0%**

COMMUNITY TRANSPORTATION IMPROVEMENT FUND

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	57,798	92,100	90,700	85,200	(6,900)	-7.5%
GRANTS REVENUE	577,284	500,000	500,000	500,000	-	0.0%
INTEREST INCOME	145	-	-	-	-	0.0%
TOTALS	**635,227**	**592,100**	**590,700**	**585,200**	**(6,900)**	**-1.2%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PROGRAM EXP. GRANT RELATED	544,528	500,000	505,500	500,000	-	0.0%
CURRENT YEAR BALANCE	90,699	92,100	85,200	85,200	(6,900)	-7.5%
TOTALS	**635,227**	**592,100**	**590,700**	**585,200**	**(6,900)**	**-1.2%**

LIBRARY GRANT

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	ORIGINAL PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	$ CHANGE
PRIOR YEAR BALANCE	30,571	17,300	37,600	-	(17,300)	-100.0%
STATE GRANT	293,835	305,500	297,100	281,700	(23,800)	-7.8%
FEDERAL GRANT	2,500	2,500	2,500	2,500	-	0.0%
TOTALS	**326,906**	**325,300**	**337,200**	**284,200**	**(41,100)**	**-12.6%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	ORIGINAL PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	$ CHANGE
STATE GRANTS						
FURNITURE/FIXTURES	9,827	10,500	12,500	1,500	(9,000)	-85.7%
OFFICE SUPPLIES	24,413	30,800	30,800	30,000	(800)	-2.6%
PRINTING AND DUPLICATING	12,306	12,500	14,000	13,000	500	4.0%
PROGRAM EXPENSES/SUPPLIES	25,436	27,500	30,000	23,500	(4,000)	-14.5%
BOOKS	129,687	150,600	150,300	126,400	(24,200)	-16.1%
COMPUTER SOFTWARE	-	-	1,000	2,100	2,100	0.0%
COMPUTER HARDWARE	-	-	4,400	1,000	1,000	0.0%
AUDIO VISUAL SUPPLIES	74,703	77,200	77,200	74,700	(2,500)	-3.2%
POSTAGE	43	100	200	100	-	0.0%
TRAINING/CONF/FOOD/TRAV	3,303	5,300	6,000	2,500	(2,800)	-52.8%
CONTRACTUAL SERVICES	-	-	-	-	-	0.0%
OFF EQP/REPAIRS & MAINT	5,314	6,300	6,300	4,900	(1,400)	-22.2%
OTHER EQUIP - PURCHASE	-	-	-	-	-	0.0%
OTHER EQUIP - LEASE	1,849	2,000	2,000	2,000	-	0.0%
SUBTOTAL EXPENSES STATE GRANTS	**286,881**	**322,800**	**334,700**	**281,700**	**(41,100)**	**-12.7%**
FEDERAL GRANTS						
PROGRAM EXPENSES/SUPPLIES	2,500	2,500	2,500	2,500	-	0.0%
SUBTOTAL EXPENSES FEDERAL GRANT	**2,500**	**2,500**	**2,500**	**2,500**	**-**	**0.0%**
GRAND TOTAL EXPENSES	**289,381**	**325,300**	**337,200**	**284,200**	**(41,100)**	**-12.6%**
CURRENT YEAR BALANCE	37,525	-	-	-	-	0.0%
TOTALS	**326,906**	**325,300**	**337,200**	**284,200**	**(41,100)**	**-12.6%**

POLICE GRANTS

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	154,944	295,300	513,000	72,400	(222,900)	-75.5%
GRANTS RECEIVED	956,712	319,000	519,200	358,000	39,000	12.2%
INTEREST INCOME	2,022	-	-	-	-	0.0%
TOTALS	**1,113,678**	**614,300**	**1,032,200**	**430,400**	**(183,900)**	**-29.9%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
EXPENDITURES						
PERSONNEL EXPENDITURES						
CADET PROGRAM SALARIES	67,850	71,400	-	11,900	(59,500)	-83.3%
CADET PROGRAM FICA	5,191	5,400	5,500	900	(4,500)	-83.3%
CADET PROGRAM W/COMP	3,382	4,200	4,200	700	(3,500)	-83.3%
MATERIALS AND SUPPLIES						
POLICE EQUIPT & PROG SUPP	177,889	284,000	591,000	312,000	28,000	9.9%
TECHNOLOGY EQUIPMENT	2,825	-	-	-	-	0.0%
ADMINISTRATIVE EXPENDITURES						
CELL PHONE CHARGES	19,690	16,000	16,000	20,000	4,000	25.0%
TRAINING	74,203	17,000	58,100	15,000	(2,000)	-11.8%
AUDIT FEES	-	1,000	-	1,000	-	0.0%
CONTRACTUAL SERVICES	90,714	5,000	11,000	-	(5,000)	-100.0%
TOTAL EXPENDITURES	**441,744**	**404,000**	**685,800**	**361,500**	**(42,500)**	**-10.5%**
OTHER FINANCING USES						
OPERATING TRANSFERS-OUT	159,017	82,000	274,000	60,000	(22,000)	-26.8%
TOTAL FINANCING USES	**159,017**	**82,000**	**274,000**	**60,000**	**(22,000)**	**-26.8%**
CURRENT YEAR BALANCE	512,917	128,300	72,400	8,900	(119,400)	-93.1%
TOTALS	**1,113,678**	**614,300**	**1,032,200**	**430,400**	**(183,900)**	**-29.9%**

THE ABOVE BUDGET INCLUDES THE POLICE GRANTS FUND, USDOJ BYRNE GRANTS FUND AS WELL AS THE OTHER FEDERAL POLICE GRANTS FUND.

ELECTRIC RED LIGHT PROGRAM

CASH RECEIPTS

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
BEGINNING BALANCE	100	100	100	100	-	0.0%
POLICE FINES	468,793	496,900	496,900	511,800	14,900	0.0%
TOTALS	**468,893**	**497,000**	**497,000**	**511,900**	**14,900**	**0.0%**

BUDGET SUMMARY

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHG FY18 VS FY17 VS
TRANSFER TO GENERAL FUND	468,793	496,900	496,900	511,800	14,900	0.0%
CURRENT YEAR BALANCE	100	100	100	100	-	0.0%
TOTALS	**468,893**	**497,000**	**497,000**	**511,900**	**14,900**	**0.0%**

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG)

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE CDBG	2,013	2,100	2,100	2,100	-	0.0%
PRIOR YEAR BALANCE NSP	85,277	-	-	-	-	0.0%
CDBG GRANTS RECEIVED	231,161	236,500	279,700	216,700	(19,800)	-8.4%
REVENUE FROM NSP	25,501	-	-	-	-	0.0%
TOTALS	**343,952**	**238,600**	**281,800**	**218,800**	**(19,800)**	**-8.3%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
Prior year Closing cost/down payment program	892	-	900	-	-	0.0%
Prior year Ncall Research Inc.	-	-	1,000	-	-	0.0%
Prior year Connection Supp Program	-	-	2,500	-	-	0.0%
Prior year MHDC emergency home repair	-	-	22,300	-	-	0.0%
Prior year Habitat for Humanity	5,500	-	3,000	-	-	0.0%
Prior year Milford housing H/O rehab	-	-	13,400	-	-	0.0%
Current year closing cost/down payment program	59,108	50,000	50,000	60,000	10,000	20.0%
Current year Connection Comm Supp program	4,952	7,200	7,300	3,000	(4,200)	-58.3%
Current year Dover interfaith ministry	27,000	22,000	22,000	24,000	2,000	9.1%
Current year MHDC emergency home repair	12,990	25,000	25,000	25,000	-	0.0%
Current year Habitat for Humanity	37,047	30,000	30,000	21,300	(8,700)	-29.0%
Current year MHDC homeowner rehab.	39,506	55,000	55,000	40,000	(15,000)	-27.3%
Current year Peoples Place	6,722	-	-	-	-	0.0%
Current year admin expense	37,444	47,300	47,300	43,400	(3,900)	-8.2%
NSP program expenditures	95,453	-	-	-	-	0.0%
CURRENT YEAR BALANCE CDBG	2,013	2,100	2,100	2,100	-	0.0%
CURRENT YEAR BALANCE NSP	15,325	-	-	-	-	0.0%
TOTALS	**343,952**	**238,600**	**281,800**	**218,800**	**(19,800)**	**-8.3%**

SUBSTANCE ABUSE PREVENTION PROGRAM

OPERATING REVENUES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
PRIOR YEAR BALANCE	98,181	60,300	99,500	45,300	(15,000)	-24.9%
GRANTS REVENUE	28,030	28,000	28,000	28,000	-	0.0%
RECREATION REVENUE	65,145	33,000	33,000	33,000	-	0.0%
TOTALS	**191,356**	**121,300**	**160,500**	**106,300**	**(15,000)**	**-12.4%**

OPERATING EXPENSES

	2015/2016 ACTUAL	ORIGINAL BUDGET	2016/17 PROJECTED	2017/18 APPROVED	$ DIFFERENCE FY18 VS FY17 BUDGET	% CHANGE
TEMPORARY HELP/BENEFITS	57,228	60,200	60,200	67,700	7,500	12.5%
PROGRAM EXPENSES/SUPPLIES	34,675	55,000	55,000	35,000	(20,000)	-36.4%
CURRENT YEAR BALANCE	99,453	6,100	45,300	3,600	(2,500)	-41.0%
TOTALS	**191,356**	**121,300**	**160,500**	**106,300**	**(15,000)**	**-12.4%**