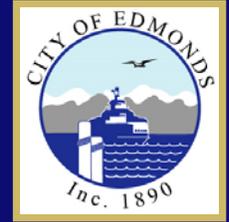


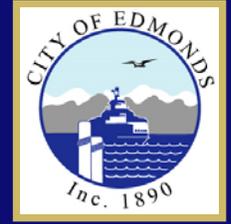
Public Works 2018 Budget



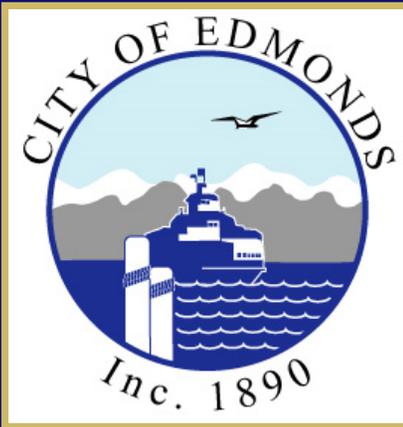
76th/212th
Sept. 14, 2017



Public Works 2018 Budget



Public Works Utilities



2017 Accomplishments



Stormwater

- C/B's serviced 2,117 of 6,702
- M/H's serviced 451 of 1,491
- Total structures serviced **2,568 of 8,193 (31%)**
- 41 new structures (MH & CB)
- 1,342 ft. of new storm pipe
- 1,060 lane feet of pavement overlay on City streets
- Completed the 90% design of the Dayton St. Pump Station
- Completed the 60% design of the utility improvements on Dayton 3rd to 9th
- Continue preliminary design for the Willow Creek Daylight Project
- Completed the 90% design of the Seaview Park Infiltration Facility

Water

- 7,140 ft of water main replacement and 1 PRV
- 11,600 ft linear of pavement overlay on City streets
- New Water Comprehensive Plan complete by year-end

2017 Accomplishments



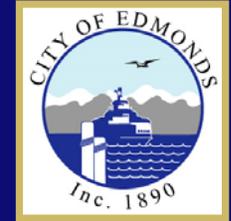
Sewer

- 2,500 ft. of sewer main replacement
- 2,640 ft. of pavement overlay on City streets
- Clarifier #3 floor repair at the WWTP construction continues into 2018
- Completed installation of new screw presses (\$1.9 M)
- Completed SCADA system upgrades at WWTP
- On-going study of LS-1 (Sunset Ave.) will be completed in 2018

Combined

- Completed the 4th year of a six-year rate adjustment package (2014–2019) to achieve debt independence for pipe installs and rehabs

2018 Utility Projects & Issues



- Aging infrastructure for all utilities
- 2nd year of the 2nd three-year rate adjustment package for rate funded pipe replacement
- Lake Ballinger Sewer Trunk Main Study (3rd qtr. 2018)
- 4,040 ft. replaced water lines, 4 PRVs, 1,700 ft. replaced sewer lines, 3,500 ft. CIPP
- 5-Corners Reservoir re-coating/re-plumbing, roof repair (\$3.2M +/-)
- Biosolids Incinerator nearing end-of-life at WWTP – 2018 study of alternatives (\$250k)
- Continued software conversion to newer asset management systems



WATER

(FUND 421)

Decision Packages / Changes

Water Utility Fund 421

Operations

DP1 - decreased \$4,683 due to technology service rate changes

DP8 - \$22,110 for the grant and project accounting specialist

DP9 - decreased \$82,570 due to the annual debt service adjustment, includes interfund transfers

DP13 - \$3,460 due to equipment rental rate changes

DP32 - \$60,225 for an assistant engineer



Decision Packages / Changes

Water Utility Fund 421

Operations

DP34 - added \$21,721 for an engineering technician II-III

DP76 - decreased \$17,690 for the utility overhead allocation change

DP77 - added \$346,285 for water fund budget increase

DP78 - added \$15,000 for water meter reading handheld upgrade

DP79 - added \$70,000 for water division sample stands

DP80 - added \$15,000 for water division billing and meter analysis



Decision Packages / Changes

Water Utility Fund 421

Capital Improvement Program

DP38 – \$39k 76th Ave/212th St Intersection Improvements

DP47 - \$70k Dayton 3rd Ave to 9th Ave

DP81 - \$52k 2017 Waterline Project

DP82 – \$2M 2018 Waterline Project

DP83 - \$250k 2018 Waterline Overlays

DP84 - \$299k 2019 Waterline Project

DP85 - \$2.2M Five Corners Reservoir Recoating Project

DP86 - \$4k Water System Plan Update



STORM

(FUND 422)

Decision Packages / Changes

Storm Utility Fund 422

Operations

DP1 - decreased \$7,253 for technology service rate changes

DP8 - \$12,010 for the grant and project accounting specialist

DP9 - decreased \$125,860 due to the annual debt service adjustment, includes interfund transfers

DP13 - decreased \$6,950 due to equipment rental rate changes

DP32 - \$30,113 for an assistant engineer



Decision Packages / Changes

Storm Utility Fund 422

Operations

DP34 - \$21,721 for an engineering technician II-III

DP76 - \$13,770 due to the utility overhead allocation change

DP87 - \$100,000 for the Lorian Woods Study

DP88 - \$6,000 for NPDES Phase II Permit Compliance

DP89 - \$2,000 for Rain Garden Maintenance

DP124 - \$315,000 for a stormwater video truck purchase



Decision Packages / Changes

Storm Utility Fund 422

Capital Improvement Program

DP46 – \$70k 238th Ave Walkway (SR104-Hwy 99)

DP47 - \$70k Dayton 3rd Ave to 9th Ave

DP81 - \$3k 2017 Waterline Replacement

DP90 – \$970k Dayton stormwater Pump Station

DP91 - \$75k Willow Creek Daylight

DP92 - \$438k Northstream Culvert Repair

DP93 - \$919k Seaview Infiltration System

DP94 - \$2k 12th Ave and Sierra Pl

Decision Packages / Changes

Storm Utility Fund 422

Capital Improvement Program

DP95 - \$250k Citywide
Drainage Replacement Projects

DP96 - \$66k Lake Ballinger

DP97 - \$5k Stormwater
Comprehensive Plan Update



SEWER

(FUND 423)

Decision Packages / Changes

Sewer Utility Fund 423

Operations

DP1 - added \$13,379 for technology service rate changes

DP8 - added \$37,860 for the grant and project accounting specialist

DP9 - increased \$182,040 due to the annual debt service adjustment, includes interfund transfers

DP13 - decreased \$9,220 due to equipment rental rate changes

DP32 - added \$30,113 for an assistant engineer

DP34 - added \$21,721 for an engineering technician II-III



Decision Packages / Changes

Sewer Utility Fund 423

Operations

DP76 - \$109,140 for the utility overhead allocation change

DP98 - \$35,000 line item increases (excise tax & TV truck mtce.)

DP99 - \$10,000 for sewer division portable jetter

DP100 - \$14,220 for wastewater maintenance management software

DP101 - \$15,000 for wastewater polymer supplies increase

DP123 - net effect of zero - explains the WWTP expenditure changes



Decision Packages / Changes

Sewer Utility Fund 423

Capital Improvement:

DP38 - \$18k 76th Ave/212th St
Intersection Improvements Project

DP47 - \$70k Dayton 3rd Ave to 9th Ave

DP102 - \$10k 2017 Sanitary Sewer
Replacement

DP103 - \$1.63M 2018 Sanitary Sewer
Replacement

DP104 - \$200k 2018 Sanitary Sewer
Overlays

DP105 - \$729k Citywide CIPP
Rehabilitation Phase 2

DP106 - \$37k Lift Station 1 Metering
and Flow Study



Decision Packages / Changes

Sewer Utility Fund 423

Capital Improvement Program

DP107 - \$109k Lake Ballinger Sewer Trunk Study

DP108 - \$379k WWTP Phase 6 Energy Design

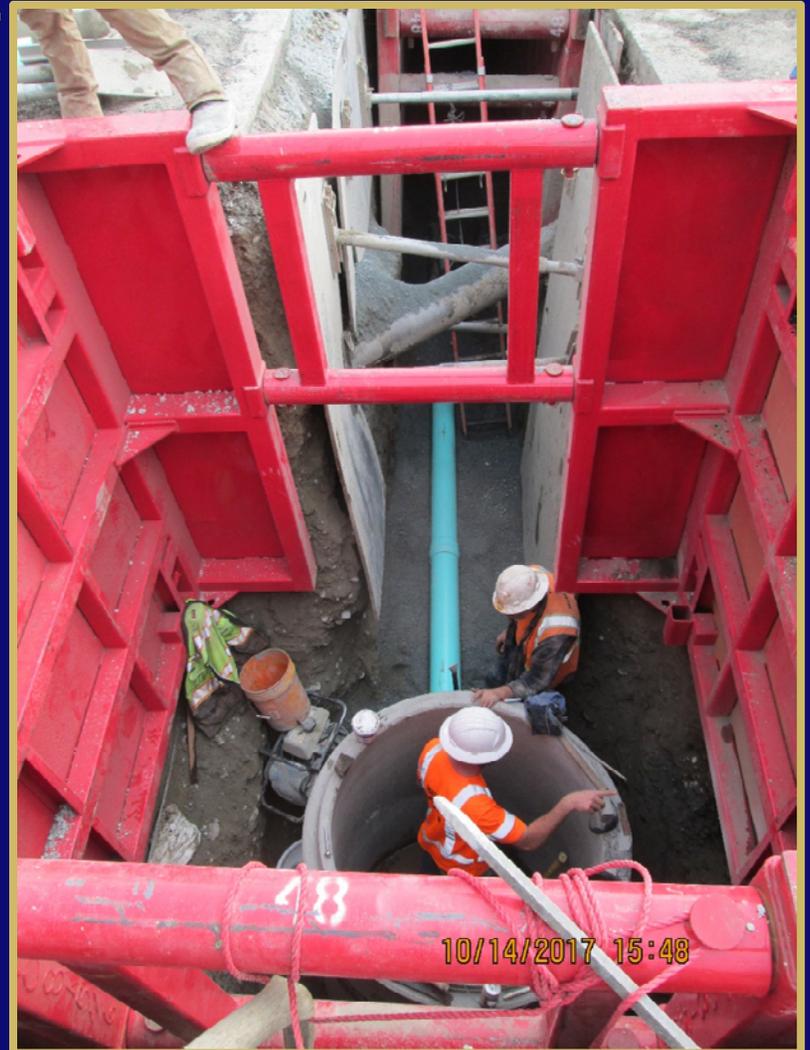
DP109 - \$113k WWTP Chemical Piping Replacement

DP110 - \$75k WWTP Chemical Containment Coating

DP111 - \$151k WWTP Concrete Repairs

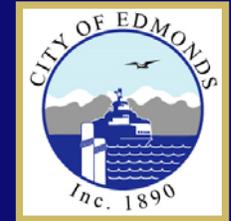
DP112 - \$197k WWTP Raw Sewage Pump Repair

DP113 - \$295k 2019 Sanitary Sewer Replacement



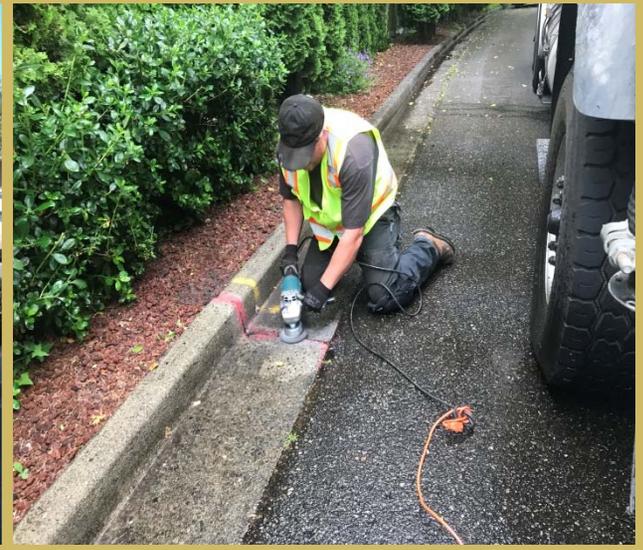
Expenditures

Combined Utilities



Expenditures	2017 Modified Budget	2017 YE Estimate	2018 Budget	Discussion
Utilities				
-Water	\$13,173,652	\$11,286,051	\$12,285,191	2 nd year of three-year Rate Package
-Sewer	\$16,916,688	\$16,021,423	\$12,928,484	
-Stormwater	<u>\$8,236,907</u>	<u>\$5,136,598</u>	<u>\$6,482,787</u>	
Total	\$38,327,247	\$32,444,072	\$31,696,462	

Public Works Roads (Fund 111 and 112)



2017 Accomplishments



- 174 Asphalt repairs – 5,750 sq.ft.
- Pavement Preservation – 6.8 lane miles (\$1.2M REET + utility funding)
- 76th/212th Intersection Improvements and corridor striping (\$8.3M) 65% complete – 95% by year-end
- Bike 2 Health Improvements (\$805,000)
- Completed 236th St. walkway, storm system, and paving (\$961,000)

2017 Accomplishments



- Trackage (Wayside) Warning Horn System completed early 2018 (\$300,000)
- Began preliminary engineering on the Edmonds Waterfront Connector (\$985,000)
- Completed a new-technology pavement rating study (\$45,000) LRFPC 10/18
- Citywide ADA Transition Plan (\$96,000) LRFPC 10/18
- Began the SR99 Revitalization / Gateway Project (\$1.3M)
- Design completed on 238th St. Walkway (SR104-Hwy 99); 2017 bids were too high, will re-bid in early 2018 (\$713,000)

Challenges/Opportunities 2018

Public Works Roads

- Pavement Preservation - \$1,500,000 new money for 2018 – 8.0 lane miles + + 1 lane mile from utilities - **Total 9.0 lane miles** – more will be needed
- Need to continue replacing/upgrading signal cabinets - \$70,000/year
- Discuss additional TBD Authorities for paving, ADA compliance, and sidewalk improvements



Decision Packages / Changes

Public Works Roads

DP8 - \$14k - grant and project accounting specialist

DP36 - \$55k 76th Ave/220th St Intersection

Improvements

DP66 - \$300k 2018 Pavement Preservation Program

DP37 - \$96k 84th Ave Overlay (220th St – 212th St)

DP38 - \$296k 76th /212th St Intersection Improvements

DP39 - \$440k Hwy 99 Revitalization/Gateway Project

DP40 - \$170k Sunset Ave Walkway

DP41 - \$7k 236th St. SW Walkway

DP42 - \$6k Bike2Health

DP43 - \$785k Edmonds St. Waterfront Connector

DP44 - \$159k Citywide Pedestrian Crossing

Enhancements – grant funded

DP45 - \$27k Dayton 3rd to 9th

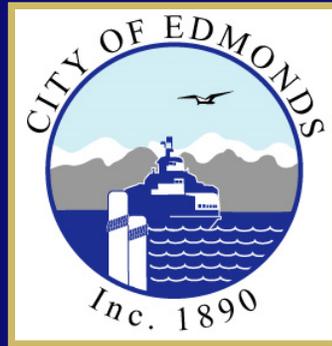
DP43 - \$300k 238th St. Walkway (SR104 to Hwy 99)



Expenditures

Public Works Roads

Expenditures	2017 Modified Budget	2017 YE Estimate	2018 Budget	Discussion
Fund 111	\$2,002,810	\$1,902,370	\$1,856,507	Little Change Work rebalanced
Expenditures	2017 Modified Budget	2017 YE Estimate	2018 Budget	Discussion
Fund 112	\$6,427,332	\$5,365,988	\$2,808,041	Capital Grant Driven



Administration, Engineering, Facilities (AEF)



ADMINISTRATION

Public Works Administration

Description	2016 Actual	2017 Budget	2017 Estimate	2018 Budget	\$ Change 18-17 Budget	% Change 18-17 Budget	\$ Change 18-17 Estimate	% Change 18-17 Estimate
Salaries	261,802	270,330	273,430	<u>279,248</u>	8,918	3%	5,818	2%
Overtime	-	200	200	200	-	0%	-	0%
Benefits	80,717	83,880	88,520	<u>92,055</u>	8,175	10%	3,535	4%
Supplies	4,719	9,600	9,600	8,600	(1,000)	-10%	(1,000)	-10%
Minor Equipment	108	1,000	1,000	1,000	-	0%	-	0%
Professional Services	87	200	200	200	-	0%	-	0%
Communications	696	1,350	1,350	1,350	-	0%	-	0%
Travel	828	500	500	500	-	0%	-	0%
Rental/Lease	1,078	2,400	2,400	2,400	-	0%	-	0%
Interfund Rental	5,242	91,590	91,590	<u>119,795</u>	28,205	31%	28,205	31%
Public Utility	2,479	2,800	2,800	2,800	-	0%	-	0%
Repair/Maintenance	-	1,000	1,000	1,000	-	0%	-	0%
Miscellaneous	454	5,900	5,900	4,900	(1,000)	-17%	(1,000)	-17%
	358,210	470,750	478,490	514,048	43,298	9%	35,558	7%

Technology Interfund Rental = 80% of budget increase

ENGINEERING

Decision Packages / Changes Engineering

DP1 – \$21k PW Technology Services Rate Changes

DP13 – \$250 Equipment Rental Rate

DP30 – \$5k ORCA Card program

DP31 – \$2k for Commute Trip Reduction Program



Decision Packages / Changes Engineering

DP32 – \$120k for Assistant Engineer (no vehicle)

Salary = \$78,400

Benefits = \$31,350

Other = \$10,700

All paid by Utility Capital Program
from consultant savings



DP33 – ~~\$162k~~ for Parks Capital Projects Manager (now \$127k)

Salary = \$82,300

Benefits = \$32,900 (40%)

~~Vehicle Cost = \$35,000 (1st year)~~

Phone/Misc. = \$5,200

All paid by capital program revenues
Saving future consultant expenses

Decision Packages / Changes Engineering

DP34 – \$108k for Engineering Technician

Salary = \$74,200

Benefits = \$29,680

Other = \$4,725

All paid by Utilities and
permit fees (60/40 split)



Workload based – Current staffing inadequate to maintain the City's stated goals for timely issuance of building permits for private development. Getting permits out on-time makes customers happy and accelerates the receipt of permit revenue

Decision Packages / Changes

Capital Project Fund 125 (REET 2)

DP8 - \$6k Senior Accountant

DP64 - \$50k ADA curb ramp program

DP65 - \$100k Minor Sidewalk Program

DP66 - \$550k 2018 Pavement Preservation Program



Decision Packages / Changes

Capital Project Fund 126 (REET 1)

DP8 - \$5k Senior Accountant

DP33 - \$162k Capital Projects
Mgr.

DP66 - \$650k 2018 Pavement
Preservation Program

DP67 - \$5k Conversion to
protected-permissive left turn

DP68 - \$20k Traffic Calming
Program

DP69 - \$125k 89th PI Retaining
Wall



Decision Packages / Changes

Capital Project Fund 126

DP70 - \$260k 238th St. Walkway
(SR104 to Hwy 99)

DP71 - \$75k Parking and Safety
Improvements on Sunset Ave

DP37 - \$24k 84th Ave Overlay

DP72 - \$5k 2017 Pavement
Preservation Program

DP73 - \$42k 220th St. Adaptive
Signal



2017 Accomplishments

AEF (Engineering)

Engineering Reviews (YTD September)

- 350 Engineering permits were issued for right-of-way construction, sewer installation, street use and encroachments.
- 1,900 inspections were performed by the Engineering Division
- \$153,000 collected in traffic impact fees
- Permits were issued and inspections performed for numerous large development projects: Madrona Elementary, Magic Toyota, Brackett's Corner, Point Edwards Bldg 10, Post Office Ph II, Hyde Park Townhomes and 16 subdivisions.
- Permits were issued for 50 single family residential projects.
- Permits were issued for over 200 additions/remodels & miscellaneous projects.



FACILITIES

2017 Facilities Accomplishments

AEF - Facilities

- FAC Electrical Service repair
- FAC Rm 124 Hard Flooring
- FAC Boiler Controls and ATS system
- Museum skylight replacement
- OPW outdoor container storage
- City Hall First floor window repairs
- City Hall HVAC recommissioning
- City wide window seal replacements
- Public Safety HVAC recommissioning



Challenges/Opportunities Facilities

- The McKinstry Facilities Condition Report provides detailed expenditure needs for City buildings
- Needed expenditures are significantly above currently available funds
- Report will be presented to Long Range Financial Planning Committee Tomorrow night



Decision Packages / Changes

AEF - Facilities

- DP13 - \$3,950 added for ERR rate change
- DP28 - \$530,000 for capital renewal projects
- DP29 - \$10,000 for professional services increase



Expenditures

Administration, Engineering, Facilities

Program	2016 Actual	2017 Budget	2017 Estimate	2018 Budget	\$ Change 18-17 Budget	% Change 18-17 Budget	\$ Change 18-17 Estimate	% Change 18-17 Estimate
Administration	358,210	470,750	478,490	514,048	43,298	9%	35,558	7%
Engineering	2,424,079	2,425,620	2,415,240	2,729,584	303,964	13%	314,344	13%
Facilities Maintenance	1,472,618	1,595,028	1,621,728	2,140,163	545,135	34%	518,435	32%
	4,254,907	4,491,398	4,515,458	5,383,795	892,397	20%	868,337	19%

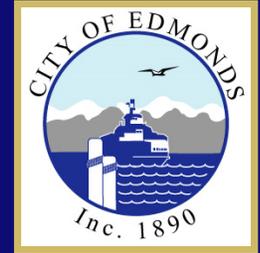
- Addition of (3) positions in Engineering mostly funded by Utility rates or grants and designed to save on consultant costs
- An increase in Capital Renewal funding for Facilities to \$530,000
- Increase in Interfund Rental charges - Technology

FLEET

(EQUIPMENT RENTAL & REPLACEMENT)

2017 Accomplishments

Fleet – Equipment Rental

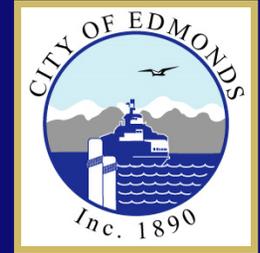


- Purchased, equipped, and commissioned (8) new vehicles for Police. (\$378K)
- (2) New flatbed trucks for the Street Department. (\$106K)
- (1) New bucket truck for the Street Department (arriving in November) (\$132K)
- (4) New flatbed trucks for the Parks Department (\$200K)
- (1) Riding mower and (1) Gator for the Parks Department (\$42K)
- **Total = \$858,000**



2017 Accomplishments

Fleet – Equipment Rental



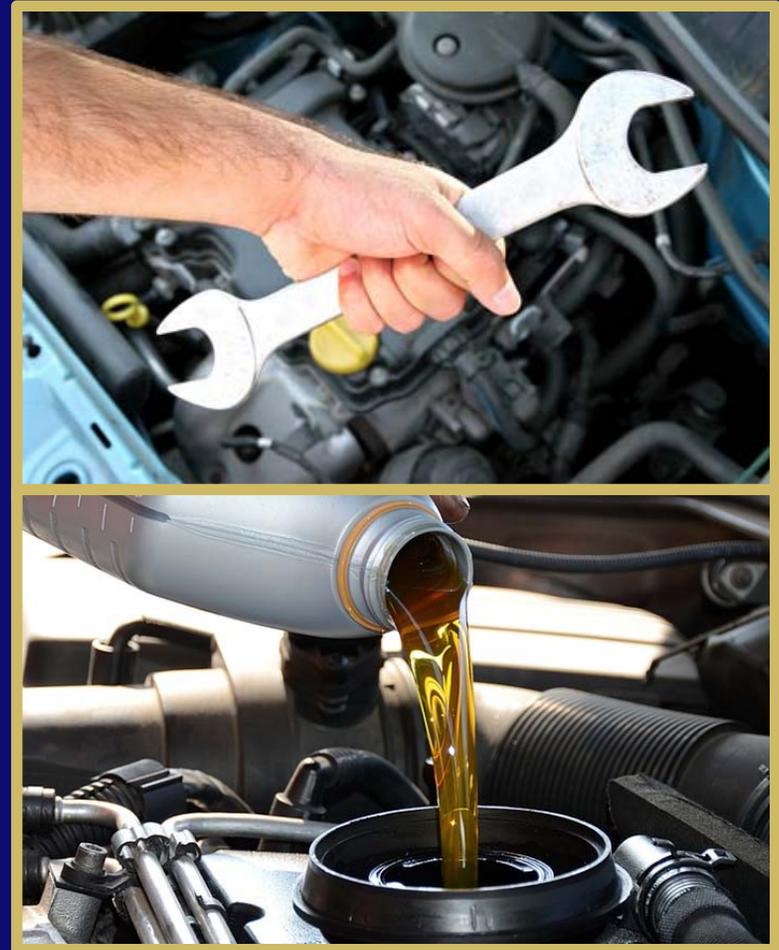
- Converted (5) more work trucks to propane (\$35K)
- Converted (10) Explorers to propane, (replacing previously converted Crown Victoria's) (\$64K)
- Managed the replacement of the Public Works site generator and new automatic transfer switch (\$115K)
- Continued the conversion to the Police Ford Explorer platform (10 in service)



Decision Packages / Changes

AEF - Fleet

- **DP13** - decreased \$5,570 due to equipment rental rate changes
- **DP114** - added \$37,000 for a switch-N-Go System on Unit #100 cab chassis
- **DP115** - added \$3,500 for a 10ft boat and motor
- **DP116** - added \$30,000 for the 2018 propane truck conversions
- **DP117** - decreased \$26,200 for the operations budget
- **DP118** - added \$596,000 for the capital purchases in the replacement fund



Decision Packages / Changes Fleet

Vehicle Replacements:

- 2001 Chevrolet S-10 – Building Div. (\$32k)
- 2002 Ford F-450 Utility Box – Sewer Div. (\$73k)
- 1997 Isuzu/EZ-liner Paint Striper – Street (\$260k)
- 2003 F-450 Flatbed – Street (\$60k)
- 2004 Chevrolet 2500 Pick up – Parks (\$38k)
- 2002 Dodge 3500 Flatbed – Parks (\$53k)
- 1985 30KW Generator – Sewer (\$42k)
- 2006 Chevrolet Impala – Police (\$33k)
- (1) Police Radio (\$5k)

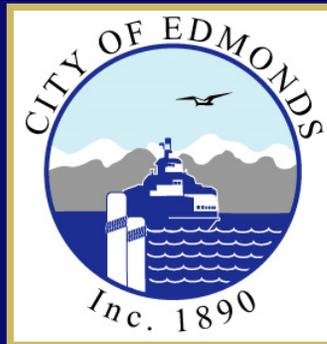
Total = \$596k



Expenditures

Fleet – Equipment Rental

Expenditures	2017 Modified Budget	2017 YE Estimate	2018 Budget	Discussion
Fund 511	\$1,886,000	\$1,834,640	\$1,662,265	Fewer replacements in 2018



Questions?