

City of Seward

2018/2019 Biennial Budget Part 3



General Fund Public Works: Roads & Streets, Snow & Ice, City Shop, Municipal Buildings
Water Enterprise Fund
Sewer Enterprise Fund
Capital Improvement Plan

Council Feedback

Budget Calendar



- ❑ September 27: General Fund Part 1, Harbor, SMIC, Parking

- ❑ October 2: General Fund Part 2 (Fire, Building Inspection, Library); Healthcare (CHC, Hospital, SMH); Electric, Motor Pool

- ❑ October 3: Public Works, Municipal Buildings, Water, Wastewater, Capital Improvement Plan and Council direction to administration

- ❑ October 23: First Public hearing on budget

- ❑ November 13: Second Public hearing and adoption of budget (alternate dates Nov. 27 or Dec. 11)

Follow-up from 10/02 work session – PERS contributions from State of Alaska



CITY OF SEWARD - PUBLIC EMPLOYEES' RETIREMENT SYSTEM CONTRIBUTIONS BY THE STATE OF ALASKA ON THE CITY'S BEHALF

Rate Year	Basis	Total ARM Board Adopted Rate							Normal cost DCR	Total ARC *	Normal Cost	Past Service Cost	State rate paid on-behalf	State contribution on behalf of Seward	Past Svc Cost as % of Total Rate (b)	Unfunded Liability at 30-Jun	Funding Ratio on Valuation
		Pension		Healthcare													
		Normal cost	Past svc cost	Pension	Normal cost	Past svc cost	Healthcare										
2019	June 30, 2017 Roll Forward	3.55%	15.16%	18.71%	2.56%	2.38%	4.94%	4.88%	28.53%	10.99%	17.54%	6.53%	TBD	61.5%			
2018	June 30, 2016 Roll Forward	2.94%	14.33%	17.27%	2.16%	0.95%	3.11%	4.63%	25.01%	9.73%	15.28%	3.01%	TBD	61.1%			
2017	June 30, 2015 Roll Forward	3.06%	12.92%	15.98%	2.70%	3.10%	5.80%	4.36%	26.14%	10.12%	16.02%	4.14%	\$ 155,298	61.3%			
2016	June 30, 2014 Roll Forward	2.86%	11.57%	14.43%	3.19%	4.96%	8.15%	4.61%	27.19%	10.66%	16.53%	5.19%	\$ 287,733	60.8%	\$ 4,901,498	77.1%	
2015	June 30, 2013 Valuation	2.57%	20.67%	23.24%	4.25%	12.36%	16.61%	4.18%	44.03%	11.00%	33.03%	22.03%	\$ 2,235,098	75.0%	\$ 4,475,204	78.3%	
2014		2.79%	13.68%	16.47%	5.33%	10.51%	15.84%	3.37%	35.68%	11.49%	24.19%	13.68%	\$ 698,856	67.8%	\$ 6,252,774	70.1%	
2013		2.55%	12.90%	15.75%	6.12%	11.26%	20.09%	3.01%	35.84%	11.68%	24.16%	13.84%	\$ 696,751	67.4%	\$ 7,830,133	62.6%	
2012		2.52%	12.13%	14.65%	5.76%	10.35%	16.11%	2.73%	33.49%	11.01%	22.48%	11.49%	\$ 586,540	67.1%	\$ 7,460,331	61.3%	
2011		2.65%	7.33%	9.98%	6.68%	11.30%	17.98%		27.96%	9.33%	18.63%	5.96%	\$ 384,559	66.6%	\$ 6,926,776	63.0%	
2010		2.91%	7.34%	10.25%	6.55%	10.85%	17.40%		27.65%	9.46%	18.19%	5.65%	\$ 265,843	65.8%	\$ 6,975,028	61.5%	
2009		3.82%	7.09%	10.91%	9.90%	14.41%	24.31%		35.22%	13.72%	21.50%	13.22%	\$ 430,412	61.0%	\$ 6,336,393	61.8%	
2008		4.57%	4.38%	8.95%	9.91%	13.65%	23.56%		32.51%	14.48%	18.03%	10.51%		55.5%	\$ 4,848,035	69.5%	
2007															\$ 4,669,973	68.0%	
2006													\$ 186,026		\$ 5,347,505	62.8%	
2005															\$ 4,401,922	65.7%	
													Cumulative total:	\$ 5,484,086			

*ARC - Actuarial Required Contribution Rate

Note: There is a timing difference between State of Alaska fiscal year and the City's calendar year. 2017 State contribution (in yellow) reflects only one-half of the year-to-date funding.

Follow-up from 10/02 work session – Parks & Recreation subsidy



PARKS AND RECREATION SUBSIDY					
Year	Revenues	Expenditures	Subsidy	% of costs Subsidized	
2019	\$ 902,700	\$ 1,524,660	\$ 621,960	40.8%	
2018	\$ 897,700	\$ 1,480,092	\$ 582,392	39.3%	
2017	\$ 874,980	\$ 1,391,122	\$ 516,142	37.1%	
2016	\$ 920,945	\$ 1,286,630	\$ 365,685	28.4%	
2015	\$ 778,805	\$ 1,365,407	\$ 586,602	43.0%	
2014	\$ 663,298	\$ 1,337,371	\$ 674,073	50.4%	
2013	\$ 653,052	\$ 1,281,425	\$ 628,373	49.0%	
2012	\$ 609,232	\$ 1,259,052	\$ 649,820	51.6%	
2011	\$ 620,943	\$ 1,225,876	\$ 604,933	49.3%	
				43.2%	Avg



Follow-up from 10/02 work session

□ Questions:

- When did electric meters transfer from Electric to Harbor billing? Between 2012 (3,218 meters) and 2013 (2,706 meters)

- How many kilowatt hours of power were sold to the Harbor in 2016?
 - 1,988,069 kWh in 2016
 - 1,717,138 kWh in 2015
 - 1,455,287 in 2014

- When did City transition to a 2-year budget? 2008

General Fund

Public Works divisions



Street Department



- ❑ P. 35 of tonight's packet; pp. 32-36 online budget
- ❑ Personnel – 2018 reflects reduction of a half-time person; 2019 reflects reduction of a full-time person (one mechanic/operator position due to retirement)
- ❑ Contracted Services includes flood debris removal, sanding, sidewalks, increase for crack sealing
- ❑ Utilities for street lights
- ❑ Gas and Lube – split more with Snow & Ice
- ❑ Operating Supplies – cold mix, calcium chloride, signs, grader blades, etc. (reduced Snow & Ice)
- ❑ Maintenance & Repair – loader tires, heavy equip. maintenance, D-1, etc.
- ❑ No contributions to Motor Pool in 2018/2019

Snow and Ice Department



- ❑ P. 36 of tonight's packet; pp. 32-36 online budget
- ❑ Personnel – 2018 reflects reduction of a half-time person; 2019 reflects reduction of a full-time person (one mechanic/operator position due to retirement)
- ❑ No funding for overtime or standby time; staff will come back to Council for appropriation if heavy snowfalls
- ❑ Contracted services is snow removal/hauling, sanding/plowing LP Road
- ❑ Gas and lube moved from Streets
- ❑ Operating supplies sand, salt, grader blades/edges
- ❑ Maintenance and repair of heavy equipment

Shop Department



- P. 37 of tonight's packet; pp. 32-36 online budget
- Personnel – 2018 reflects reduction of a half-time person; 2019 reflects reduction of a full-time person (one mechanic/operator position due to retirement)
- Communications - cell phones, land line, internet
- Contracted services – inspections, etc.
- Utilities for shop building incl electric, water, sewer, garbage
- Operating supplies – vehicle tires and parts

Municipal Buildings



- ❑ P. 38-40 of tonight's packet; pp. 32-36 online budget
- ❑ Personnel –reflects reduction of two FTEs beginning April 1, 2018
- ❑ Contracted services up \$40K for janitorial, minor maintenance and sidewalk clearing, in 2018; \$55K in 2019
- ❑ City Hall boiler and roof repairs; \$83K in 2018 CIP
- ❑ Annex boiler, led lights, main water valve, etc; \$40K in 2019 CIP
- ❑ City Hall annex \$5K painting/maintenance in 2018
- ❑ Community Center - \$8K in 2018 CIP for flood mitigation (e.g. awning); contracted services \$3K flooring repairs

Water Fund Highlights



Water Fund, p. 99 (p. 133 online budget)



- ❑ Balanced budget
- ❑ Revenues anticipate 2.1% cpi 2018; 1.6% 2019
- ❑ Ship water up 2019 due to completion of commercial float at SMIC
- ❑ Hydrant fees up due to billing issue w/fire dept
- ❑ Personnel down due to staff retirement/turnover
- ❑ Utilities reflect new water treatment plant
- ❑ Motor pool contribution \$5K

Water Fund, p. 99 (p. 133 online budget)



- ❑ Outstanding debt \$1.45M Third Ave water line at 1/1/18; annual pmts \$157K
- ❑ This budget brings Water Fund cash balance to \$1.0M + recent \$250K from GF
- ❑ Water fixed assets historic cost = \$14.7M

Water CIP List



City of Seward Capital Improvement Plan Water-Related Capital Projects 2018 and 2019

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		
					City Portion	Other Source	Source
Critical Capital Needs:							
Refurbish Lowell Canyon 400K gallon Tank and Remove 200K gallon Lowell Canyon tank fm service (b) (d)	R	2018	\$575,000	C		\$575,000	State
High Risk Capital Needs:							
Gateway Tank Roof	R		\$300,000	H		\$300,000	State
Abandon wells at Fort Raymond (b)	R		\$250,000	H	\$250,000		City
Moderate Risk Capital Needs:							
Refurbish #4 production well	R		\$85,000	C	\$85,000		City
Distribution Piping upgrades (ductile iron pipe)	R	Annual	\$500,000	H	\$500,000		City
Facility Control upgrades	R		\$80,000	M	\$80,000		City
GIS system	N		\$60,000	M	\$60,000		City
Formal rate study of Water utility	N		\$30,000		\$30,000		City
Replace 10" and 14" AC water line btwn Phoenix and Sea Lion	R		\$1,860,000	M	\$1,860,000		City
Replace 5% of water lines annually (\$1 million/yr.)	R	Annual	\$1,000,000	M	\$1,000,000		City
Maple Street Water Line Extension	N		\$400,000	New	\$400,000		City
Total Water Fund Projects:			\$5,140,000		\$4,265,000	\$875,000	
Total Water Fund Projects for 2018 and 2019:			\$575,000			\$575,000	

(b) In bidding process
(d) In Design

Rating (a):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

Sewer Fund Highlights





Sewer Fund, p. 53-61 (p.139 online)

- ❑ Balanced budget with surplus of \$111K in 2018 and \$119K in 2019
- ❑ Cash balance \$1.1M at end of 2019 vs fixed asset historic cost of \$15.3M
- ❑ Much of infrastructure is at end of useful life
- ❑ Includes cpi 2.1% in 2018 and 1.6% in 2019
- ❑ Personnel costs down due to staff retirement
- ❑ Bank and credit card fees
- ❑ Dues – DEC sewer lagoon permit fees
- ❑ Travel – DEC certification and training



Sewer Fund, p. 53-61 (p.139 online)

- ❑ Maintenance and Repair – pumps \$5K-\$30K, aging infrastructure
- ❑ Debt – Two DEC sewer lagoon loans totaling \$1.2M at 1/1/18; \$75K per year debt service
- ❑ Loan payable to GF \$1.2M at 1/1/18; defer \$76,840 per year loan payments (for prior sewer lagoon failure in 1995). Consider writing off this debt?

Wastewater CIP List



**City of Seward
Capital Improvement Plan
Wastewater-Related Capital Projects
2018 and 2019**

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		
					City Portion	Other Source	Source
Critical Capital Needs:							
SMIC bypass valving	R		\$72,000	C	\$72,000		Wastewater Fund
Lowell Point sludge pile disposal	R		\$490,000	C	\$490,000		Wastewater Fund
#1 standby generator	R		\$150,000	C	\$150,000		Wastewater Fund
Forest Acres lift station (engineering)	N		\$92,000	C	\$92,000		Wastewater Fund
High-Risk Capital Needs:							
SMIC piping for bypass (engineering/design)	R		\$50,000	H	\$50,000		Wastewater Fund
Double wall fuel tank - 1000 gal.	R	2018	\$150,000	H	\$150,000		Wastewater Fund
Manhole refurbishment	R		\$120,000	H	\$120,000		Wastewater Fund
Moderate-Risk Capital Needs:							
SMIC lower lift station (engineering only)	R		\$250,000	M	\$250,000		Wastewater Fund
GIS system	N		\$30,000	M	\$30,000		Wastewater Fund
Wastewater utility rate study	N		\$30,000	M	\$30,000		Wastewater Fund
SMIC Sludge pile disposal	R		\$25,000	M	\$25,000		Wastewater Fund
Replace existing distribution system (\$800K/yr.)	R	Annual	\$800,000	M	\$800,000		Wastewater Fund
Replace infrastructure past useful life (\$75K/yr.)	R	Annual	\$75,000	M	\$75,000		Wastewater Fund
Auto dialer phone line LS-1 (Harbor)	N	2018	\$15,000		\$15,000		Wastewater Fund
Maple Street Wastewater	N		\$400,000	New		\$400,000	State Grant
Total Wastewater Fund Projects:			\$2,749,000		\$2,349,000	\$400,000	
Total Wastewater Fund Projects for 2018 and 2019:			\$165,000		\$165,000		

Rating (a):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

Capital Improvement Plan



General Fund



**Capital Improvement Plan
General Fund-Related Capital Projects
Fiscal Year 2018 and 2019**

Project Description	New or Replace	Year	Project Cost	Funding Source		
				City Portion	Other Source	Source
Projects Slated for Funding in 2018 and 2019:						
City Shop and P&R Warehouse Relocation Eng/Design	R	2018	\$125,000	\$125,000		Capital Acquisition Fund
Cemetery repairs/maintenance	R	2018	\$25,000	\$25,000		General Fund
Additional utility sites in Waterfront Park	N	2018	\$400,000	\$400,000		Capital Acquisition Fund
City Hall boiler & roof repairs	R	2018	\$83,000	\$83,000		Capital Acquisition Fund
Community Center flood mitigation/engineering	R	2018	\$11,000	\$11,000		Capital Acquisition Fund
Fire air packs	R	2018	\$20,000	\$20,000		Capital Acquisition Fund
Fire air packs	R	2019	\$20,000	\$20,000		Capital Acquisition Fund
Lowell Canyon Tunnel - Phase 2	R	18/19	\$1,000,000	\$1,000,000		Cap Acq Fund / Grant
Annex heating system, main water valve, LED lights, counters	R	2019	\$40,000	\$40,000		Capital Acquisition Fund
Williams Park restroom and shower	N	2019	\$300,000	\$200,000	\$100,000	Capital Acq Fund/Donation
Total Projects in 2018 and 2019:			\$2,024,000	\$1,924,000	\$100,000	

General Fund



PUBLIC SAFETY:

Public Works: Relocation of PW & Shop	R	\$2,700,000	\$2,700,000		General Fund
City Shop: Diesel fuel dispensing system	R	\$75,000	\$75,000		General Fund
Public Works: ADA sidewalk improvements	R	\$75,000	\$75,000		General Fund
New animal shelter	R	\$1,000,000	\$200,000	\$800,000	General Fund/Grant
Fire Hydrant upgrades - Ph. II	R	\$200,000	\$200,000		General Fund
Self contained breathing apparatus & cylinders - Fire	R	\$259,353	\$259,353		General Fund
Lowell Point erosion mitigation	R	\$200,000		\$200,000	Federal/State
Generator for AVTEC emergency shelter	N	\$125,000	\$125,000		General Fund
Satellite Fire Station / Storage Facility (Forest Acres)	N	\$6,000,000		\$6,000,000	Grant
Satellite Station on Nash Road	N	\$1,407,600		\$1,407,600	Grant
Replace existing fire station	R	\$4,446,000		\$4,446,000	State/General
Expand SMIC building storing engine	N	\$33,000	\$33,000		General Fund
Public Safety Building	N	\$5,665,000	\$5,665,000		General Fund
Dredging Lagoon & gravel	R	\$250,000	\$250,000		General Fund/Grant
Total Public Safety Projects:		\$19,335,953	\$6,482,353	\$12,853,600	

General Fund



PARKS & RECREATION:

Warehouse replacement	R	\$750,000	\$750,000	General Fund
Relocate Little League Field near schools	R	\$300,000	\$300,000	General Fund
Playground resurfacing: Gateway, Third, Ballaine, etc.	R	\$100,000	\$100,000	General Fund
Add replacement elements to broken playgrounds	R	\$25,000	\$25,000	General Fund
Forest Acres Park Playground & surface	R	\$250,000	\$250,000	General Fund
Beach erosion Control finger WFP	N	\$50,000	\$50,000	General Fund
Lagoon Boardwalk rebuild	R	\$100,000	\$100,000	General Fund
Wellington Pavilion design and construction	R	\$400,000	\$400,000	General Fund
Artificial turf Jon Perry and Citizens' infields only	R	\$150,000	\$150,000	General Fund
TYC built-in awning, snow move, flood prevention	R	\$50,000	\$50,000	General Fund
Woodlawn Cemetery; tree removal, stump grinding, markers, etc.	R	\$65,000	\$65,000	General Fund
TYC flooring, railing fence, landscape, play features	R	\$75,000	\$75,000	General Fund
Bike path ext from Scheff bridge to Harbor	N	\$75,000	\$75,000	General Fund
Ballaine Playground zero-barrier & surface	R	\$300,000	\$300,000	General Fund
Replace metal dumpsters, recycle bins	R	\$65,000	\$65,000	General Fund
Tennis court refurbishment	R	\$125,000	\$125,000	General Fund
Ranger cabin - Tow Lakes, Lowell or Citizens	N	\$20,000	\$20,000	General Fund
Concession restroom Little League	R	\$170,000	\$170,000	General Fund
Dog Park Dieckgreaff Road	N	\$50,000	\$50,000	General Fund
Bike path repairs, repave, resurface protection	R	\$35,000	\$35,000	General Fund
Third Ave playground upgrade and surfacing	R	\$50,000	\$50,000	General Fund
Jon Perry softball field fencing	R	\$75,000	\$75,000	General Fund
Forest Acres Campground expansions, south and east	N	\$50,000	\$50,000	General Fund
Fort Ray Campground restroom & shower	N	\$450,000	\$450,000	General Fund
Total Parks & Recreation Projects:		\$3,780,000	\$3,780,000	\$0

General Fund



CITY HALL/LIBRARY/OTHER:

Paint City Hall	R	\$20,000	\$20,000	General Fund
City Hall building envelope and windows upgrades	R	\$500,000	\$500,000	General Fund
City Hall electrical upgrades	R	\$65,000	\$65,000	General Fund
City Hall ADA improvements	N	\$40,000	\$40,000	General Fund
City Hall fire alarm system upgrade	R	\$40,000	\$40,000	General Fund
Fix ventilation at City Hall	R	\$85,000	\$85,000	General Fund
Total City Hall/Library Projects:		\$730,000	\$730,000	\$0

Total General Fund Projects:		\$25,829,953	\$12,876,353	\$12,953,600
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Total General Fund Projects for 2018 and 2019:		\$1,984,000	\$1,884,000	\$100,000
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Harbor Fund



City of Seward Capital Improvement Plan Harbor-Related Capital Projects 2018 and 2019

Project Description	New or Replace	Year	Project Cost	Rating (b)	Funding Source		
					City Portion	Other Source	Source
Replace S Launch Ramp (c)	R	2018	\$2,500,000	M	\$625,000	\$1,875,000	City/State
5-Ton crane	N	2019	\$400,000	New	\$400,000		City
50-ton boat lift wash down pad	N	2019	\$500,000	New	\$250,000	\$250,000	City/Grant
Replace K&L floats	R		\$2,250,000	M	\$1,125,000	\$1,125,000	City/State
Replace trash dumpsters	R		\$70,000	H	\$70,000		City
Replace N launch ramp (c)	R		\$2,500,000	M	\$625,000	\$1,875,000	City/State
Boardwalk S. Harbor Uplands	N		\$200,000	New		\$200,000	Grant
South harbor uplands paving and landscape	N		\$500,000	New	\$500,000		City*
T,U,V Floats (off of Z-Float) (c)	N		\$5,000,000	New	\$2,500,000	\$2,500,000	City/Grant
Power to X-Float	N		\$200,000	New	\$100,000	\$100,000	City/Grant
Fishing pier recreation area	N		\$2,600,000	New		\$2,600,000	State
Total Harbor Fund Projects:			\$14,220,000		\$5,570,000	\$8,650,000	
Total Harbor Fund Projects for 2018 and 2019:			\$3,400,000		\$1,275,000	\$2,125,000	

(a)Project underway.

(c) Cost estimate updated

*Cost split between Harbor and Parking departments

Rating (b):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

SMIC Fund



**City of Seward
Capital Improvement Plan
SMIC - Related Capital Projects
2018 and 2019**

Project Description	New or Replace	Year	Project Cost	Funding Source		
				City Portion	Other Source	Source
Breakwater, dredging, and new docks (a) (b)	N	2018	\$100,000,000		\$100,000,000	State
North Dock Repairs (a) (b)	R	2018	\$1,840,000		\$1,840,000	State
Widen Travelift and pit (a) (b)	N	2018	\$400,000		\$400,000	State
Security fence around N. Dock	N	2018/2019	\$50,000		\$50,000	State
Heat washdown pad	N	2018/2019	\$50,000		\$50,000	State
Improve drainage, fence storage area	N	2019	\$1,500,000		\$1,500,000	Federal
Ship Transfer System	N		\$4,000,000		\$4,000,000	Federal/State
Electric Infrastructure	R		\$200,000		\$200,000	City/State/Fed
Another restroom facility at SMIC	N		\$75,000		\$75,000	Grant/City
Total SMIC Fund Projects:			\$108,115,000		\$108,115,000	
Total Harbor Fund Projects for 2018 and 2019:			\$103,840,000		\$103,840,000	

- (a) Project underway
- (b) Cost estimate updated

Electric Fund



**City of Seward
Capital Improvement Plan
Electric-Related Capital Projects
2018 and 2019**

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		
					City Portion	Other Source	Source
Critical Capital Needs:							
Lake Drive (Stoney Creek)	R		\$175,000	C	\$175,000		Electric
Jesse Lee Underground	R		\$72,000	C	\$72,000		Electric
Sectionalized Pole Replacement - \$17K/pole generally	R		\$1,700,000	C	\$1,700,000		Electric
High-Risk Capital Needs:							
Old Mill #3	R		\$200,000	H	\$200,000		Electric
Gateway (Upper)	R		\$90,000	H	\$90,000		Electric
Gateway (Lower)	R		\$80,000	H	\$80,000		Electric
Woodland Hills	R		\$120,000	H	\$120,000		Electric
Downtown Alley (2nd and 3rd) underground	R		\$1,000,000	H	\$1,000,000		Electric
Downtown Alley (3rd and 4th) underground	R		\$2,000,000	H	\$2,000,000		Electric
Downtown Alley (4th and 5th) underground	R		\$2,000,000	H	\$2,000,000		Electric
Moderate-Risk Capital Needs:							
Security Upgrades to substations	N		\$130,000	M	\$130,000		Electric
Questa Woods	R		\$80,000	M	\$80,000		Electric
AVTEC Underground	R		\$15,000	M	\$15,000		Electric
Southwest boat ramp	R		\$33,000	M	\$33,000		Electric
Lawing to Victor Creek Overhead	R		\$75,000	M	\$75,000		Electric
Automatic meter reading	N	2018	\$250,000	M	\$250,000		Electric
Purchase 9 mega-watts of Bradley Lake Power fm ML&P	N		\$1,100,000			\$1,100,000	State/Electric
Update sectionalizing study and purchase oil circuit reclosur	N		\$132,000		\$132,000		Electric
Convert transmission line to 115 kV	R		\$12,000,000			\$12,000,000	State/Electric
Extend the 12.5kV distribution line on Nash Road	N		\$165,000			\$165,000	State/Electric
Total Electric Fund Projects:			\$21,417,000		\$8,152,000	\$13,265,000	
Total Electric Fund Projects for 2018 and 2019:			\$250,000		\$250,000		

Rating (a):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

Funding for City-funded projects requires appropriation. Budget includes \$0 in 2016 and \$0 in 2017 to MRRF for major repairs/replacement.

Water Fund



City of Seward Capital Improvement Plan Water-Related Capital Projects 2018 and 2019

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		
					City Portion	Other Source	Source
Critical Capital Needs:							
Refurbish Lowell Canyon 400K gallon Tank and Remove 200K gallon Lowell Canyon tank fm service (b) (d)	R	2018	\$575,000	C		\$575,000	State
High Risk Capital Needs:							
Gateway Tank Roof	R		\$300,000	H		\$300,000	State
Abandon wells at Fort Raymond (b)	R		\$250,000	H	\$250,000		City
Moderate Risk Capital Needs:							
Refurbish #4 production well	R		\$85,000	C	\$85,000		City
Distribution Piping upgrades (ductile iron pipe)	R	Annual	\$500,000	H	\$500,000		City
Facility Control upgrades	R		\$80,000	M	\$80,000		City
GIS system	N		\$60,000	M	\$60,000		City
Formal rate study of Water utility	N		\$30,000		\$30,000		City
Replace 10" and 14" AC water line btwn Phoenix and Sea Lion	R		\$1,860,000	M	\$1,860,000		City
Replace 5% of water lines annually (\$1 million/yr.)	R	Annual	\$1,000,000	M	\$1,000,000		City
Maple Street Water Line Extension	N		\$400,000	New	\$400,000		City
Total Water Fund Projects:			\$5,140,000		\$4,265,000	\$875,000	
Total Water Fund Projects for 2018 and 2019:			\$575,000			\$575,000	

(b) In bidding process
(d) In Design

Rating (a):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

Wastewater Fund



**City of Seward
Capital Improvement Plan
Wastewater-Related Capital Projects
2018 and 2019**

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		
					City Portion	Other Source	Source
Critical Capital Needs:							
SMIC bypass valving	R		\$72,000	C	\$72,000		Wastewater Fund
Lowell Point sludge pile disposal	R		\$490,000	C	\$490,000		Wastewater Fund
#1 standby generator	R		\$150,000	C	\$150,000		Wastewater Fund
Forest Acres lift station (engineering)	N		\$92,000	C	\$92,000		Wastewater Fund
High-Risk Capital Needs:							
SMIC piping for bypass (engineering/design)	R		\$50,000	H	\$50,000		Wastewater Fund
Double wall fuel tank - 1000 gal.	R	2018	\$150,000	H	\$150,000		Wastewater Fund
Manhole refurbishment	R		\$120,000	H	\$120,000		Wastewater Fund
Moderate-Risk Capital Needs:							
SMIC lower lift station (engineering only)	R		\$250,000	M	\$250,000		Wastewater Fund
GIS system	N		\$30,000	M	\$30,000		Wastewater Fund
Wastewater utility rate study	N		\$30,000	M	\$30,000		Wastewater Fund
SMIC Sludge pile disposal	R		\$25,000	M	\$25,000		Wastewater Fund
Replace existing distribution system (\$800K/yr.)	R	Annual	\$800,000	M	\$800,000		Wastewater Fund
Replace infrastructure past useful life (\$75K/yr.)	R	Annual	\$75,000	M	\$75,000		Wastewater Fund
Auto dialer phone line LS-1 (Harbor)	N	2018	\$15,000		\$15,000		Wastewater Fund
Maple Street Wastewater	N		\$400,000	New		\$400,000	State Grant
Total Wastewater Fund Projects:			\$2,749,000		\$2,349,000	\$400,000	
Total Wastewater Fund Projects for 2018 and 2019:			\$165,000		\$165,000		

Rating (a):

Critical Risk (C): Likely to fail within next 5 years

High Risk (H): Likely to fail in 5-10 years

Moderate Risk (M): continuous increasing cost to maintain and operate.

"New" reflects creation or purchase of a new asset; not replacing an existing asset

Parking Fund



Capital Improvement Plan Parking-Related Capital Projects 2018 and 2019

Project Description	New or Replace	Year	Project Cost	Rating (a)	Funding Source		Source
					City Portion	Other Source	
Toolcat and attachments	N	2018	\$65,000		\$65,000		Parking
Small Canyon/Ranger type truck	R	2018	\$17,000		\$17,000		Parking
Luke paystation replacements	R	2018	\$16,000		\$16,000		Parking
Parking office/chalet replacement	R		\$15,000		\$15,000		Parking
Other:							
New Harbor Uplands projects	N		\$500,000		\$500,000		Parking / Harbor / Grant
NE Parking Fencing on W. and N. borders	N		\$140,000		\$140,000		Parking
Total Parking Fund Projects:			\$753,000		\$753,000		
Total Parking Fund Projects for 2018 and 2019:			\$98,000		\$98,000		

Motor Pool Fund



Capital Improvement Plan Motor Pool-Related Capital Projects 2018 and 2019

Project Description	New or Replace	Year	Project Cost	Funding Source		
				City Portion	Other Portion	Source
Plow truck for City facilities (P&R)	R	(a)	45,000	45,000		Motor Pool
Small bucket truck for Electric	R	2018	450,000	450,000		Motor Pool
Excavator for Electric	N	2019	350,000	350,000		Motor Pool
Road grader for PW: Streets	R	2018	340,000	340,000		Motor Pool
Used VAC truck for PW: Water, WW, Streets	U	2018	106,000	106,000		Motor Pool
Police vehicle	R	2018	45,000	45,000		Motor Pool
Police vehicle	R	2019	45,000	45,000		Motor Pool
2 End dump trucks for Public Works	R	19/20	200,000	200,000		Motor Pool
Loader with snowblower attachment	R	19/20	340,000	340,000		Motor Pool
Total Motor Pool Fund Projects:			\$1,921,000	\$1,921,000		
Total Motor Pool Fund Projects for 2018 and 2019:			\$1,481,000	\$1,481,000		

(a) Delayed purchases from 2017 Budget. Purchases will require individual Council approval and justification.

Healthcare



**City of Seward
Capital Improvement Plan
Healthcare-Related Capital Needs
2018 and 2019**

Project Description	Priority	Est Total Cost
Lab:		
Chemistry analyzer	C	\$200,000
Coag analyzer	C	\$50,000
Hematology analyzer	C	\$125,000
Centrifuge	H	\$10,000
Microscope	H	\$70,000
Blood bank refrigerator	M	\$15,000
Fume hood	M	\$30,000
Blood gas analyzer	M	\$10,575
		\$510,575
Mountain Haven:		
Driveable transport carts (2)	M	\$20,000
Bariatric transport chair	M	\$10,000
Specialty wheelchairs	M	\$5,000
EKG machine portable	M	\$15,000
Replace 25% mattresses, appliances and furniture	M	\$45,000
Replace 25% maxi-Sky lifts x 40 @ \$10,000 ea.	M	\$100,000
		\$195,000
Nursing/Hospital:		
IV pumps	H	\$13,500
Vent/Bipap machine	H	\$20,000
Automatic chest compression device	H	\$15,000
Portable ventilator x 2	H	\$16,000
Exam lights x 5	H	\$24,000
Surgical lights x 2	H	\$30,000
Infant warmer	H	\$10,000
Trauma stretcher w/motor	M	\$27,000
Stove with hood fan - installed	M	\$5,000
Temp Trak system	M	\$20,000
Monitors, bedside, fetal	M	\$6,850
		\$187,350

Healthcare, cont'd



Plant/Hospital:

Steam boiler	H	\$70,000
Paint Medical Center exterior	M	\$8,000
Replace rusted doors/frames	M	\$5,000
		<u>\$83,000</u>

Plant/SMH:

Car port for SMH owned vehicles	M	\$125,000
Storage building SMH	M	\$150,000
		<u>\$275,000</u>

Radiology:

Vascular imaging	M	\$75,000
EKG	M	\$14,942
Portable X-ray	M	\$100,000
		<u>\$189,942</u>

Vehicles:

Delivery van	M	\$40,000
Plow truck w/plow	M	\$46,000
		<u>\$86,000</u>

Total Hospital Fund Projects for 2018 and 2019: \$1,526,867

Critical Priority Total	\$375,000
High Priority Total	\$278,500
Medium Priority Total	\$873,367

The end

