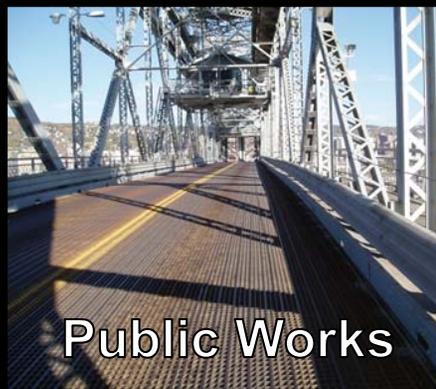




Public Works & Utilities Department

# 2017 Budget Proposal



Public Works



Water



Gas



Sewer



Clean Water



Stormwater



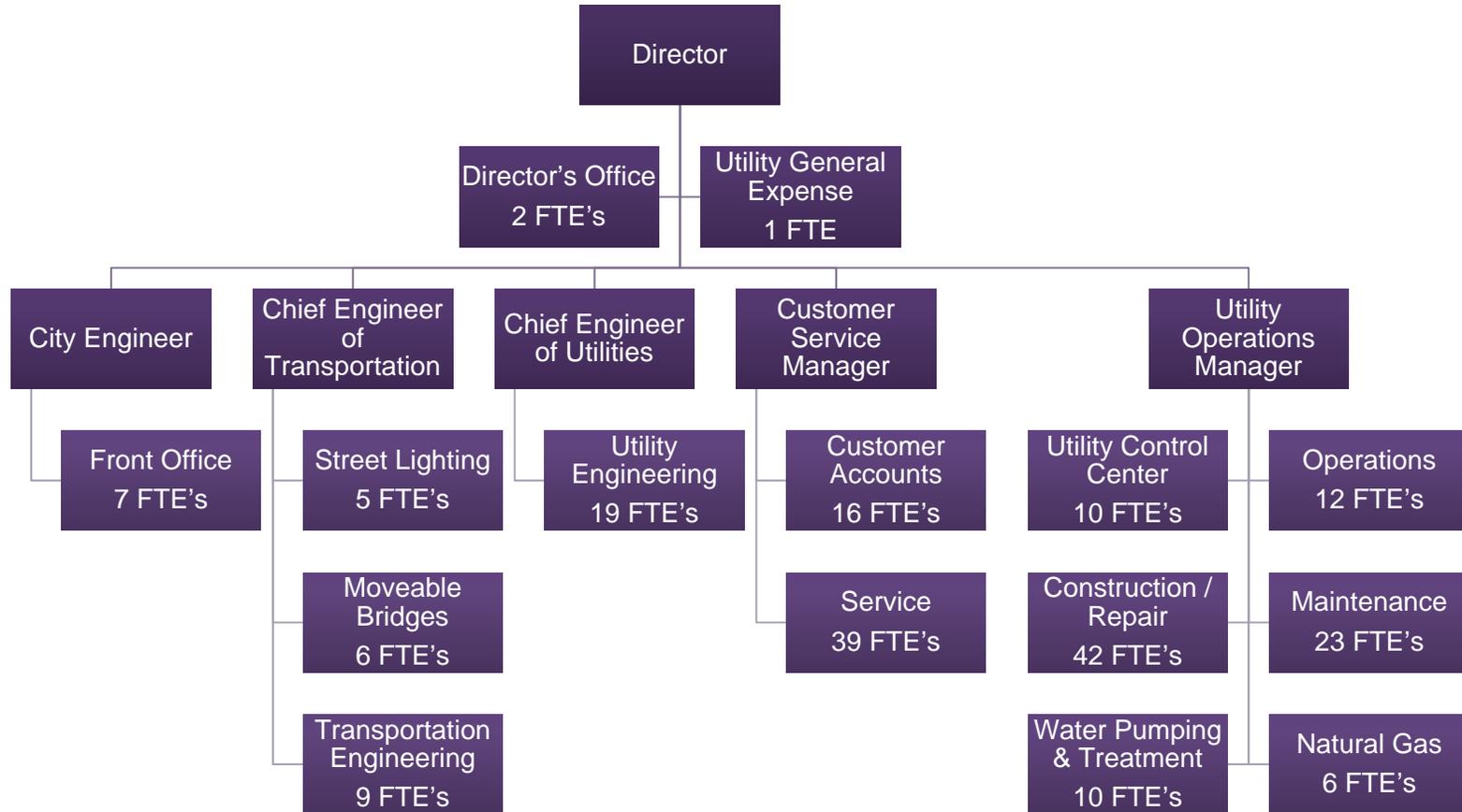
Street Lighting





# Staffing: Public Works & Utilities

213 FTE's total



# Staffing: Budgeted 2017 vs. 2016

	General Fund	Water	Natural Gas	Sanitary Sewer	Storm -water	Street Lighting	Total FTE's
2017 Proposed Budget	16.65	57.40	76.05	32.55	25.25	5.10	213.00
2016 Budget	16.65	54.70	74.45	35.80	27.30	5.10	214.00
<b>Variance</b>	<b>0.00</b>	<b>2.70</b>	<b>1.60</b>	<b>-3.25</b>	<b>-2.05</b>	<b>0.00</b>	<b>-1.00</b>

Changes in Personnel	FTE's
GIS Specialist becomes a Transfer to the General Fund	-1.00
<b>Variance</b>	<b>-1.00</b>



# Financial Information: 110 General

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues	Licenses and Permits	\$45,000	\$45,000	\$0
	Charges for Services (Engineering)	55,000	75,000	20,000
	Miscellaneous (Sales of Prints and Plans/Other)	6,200	700	(5,500)
	Other Financing Sources	57,000	57,000	0
	<b>Total Revenues</b>	<b>\$163,200</b>	<b>\$177,700</b>	<b>\$14,500</b>
Expenses	Personal Services	\$1,665,700	\$1,731,100	\$65,400
	Supplies	53,100	51,600	(1,500)
	Other	97,700	99,200	1,500
	<b>Total Expenses</b>	<b>\$1,816,500</b>	<b>\$1,881,900</b>	<b>\$65,400</b>
			<b>Net Change</b>	<b>\$50,900</b>



# Capital Projects: Transportation

2017 Transportation Capital Improvement Projects	Total Project Cost	Primary Funding Source
Congdon Blvd widening, reclamation, guardrail	\$3,215,000	Federal
MN Slip Ped Bridge construction phase	3,000,000	DECC bonding
Street Preservation Project: Irving Place neighborhood concrete repairs, 4 <sup>th</sup> Street overlay between Mesaba & 6 <sup>th</sup> Ave E, Kenwood & College intersection mill & overlay, chip seal various MSA routes	2,750,000	Municipal State Aid
Cross City Trail Phase 2: Kingsbury Creek (Zoo) to Munger Trail	1,585,551	Federal
Skyline Parkway retaining wall repairs construction phase	1,150,000	Federal
Aerial Lift Bridge structural repairs: deck grating rehab	750,000	Municipal State Aid
Cross City Trail Phase 3: Kingsbury Creek (Zoo) to Munger Trail	534,400	Federal
Patch project	475,000	Utilities
Lakewalk Phase 6: shared use path on Water Street	312,942	Federal
Boundary Avenue from Vinland to City limits reclaim & pave	200,000	Street Improvement Fund
Downtown avenue one-way to two-way conversion	100,000	Permanent Improvement
Retaining wall, guard rail repair, restriping	100,000	Permanent Improvement
Sidewalks	20,000	Permanent Improvement
<b>Total Project Costs</b>		<b>\$14,192,893</b>



# Financial Information: Enterprise Funds Revenue Summary

Budget 2017 Revenues		
510	Water	\$15,252,900
520	Natural Gas	37,216,300
530	Sanitary Sewer	18,435,700
532	Clean Water	1,615,000
535	Stormwater	5,282,200
550	Street Lighting	2,210,500
<b>Total Revenues</b>		<b>\$80,012,600</b>



# Financial Information: 510 Water

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$14,691,800	\$15,252,900	\$561,100
Expenses	Personal Services	\$5,562,500	\$5,989,900	\$427,400
	Supplies	1,417,900	1,406,900	(11,000)
	Utilities	1,255,200	1,261,300	6,100
	Depreciation	1,873,000	1,921,100	48,100
	Debt Service / Lease Interest	245,900	194,300	(51,600)
	Other	1,641,600	1,492,800	(148,800)
	Total Expenses	\$11,996,100	\$12,266,300	\$270,200
	Estimated Operating Income (Loss)	\$2,695,700	\$2,986,600	\$290,900
Other Sources of Cash (+)		\$2,009,600	\$1,916,400	(\$93,200)
Other Uses of Cash (-)	Capital Improvements	\$2,859,700	\$2,344,000	(\$515,700)
	Capital Equipment Purchases	320,000	439,800	119,800
	Bond / Lease Principal Payments	1,794,100	1,737,600	(56,500)
	Total Other Uses of Cash	\$4,973,800	\$4,521,400	(\$452,400)
	INCREASE (DECREASE) IN CASH	(\$268,500)	\$381,600	\$650,100
	2016 YE Projected Cash Balance			\$512,510
	2017 YE Estimated Cash Balance			\$894,110



# Capital Projects: 510 Water

2017 Water Capital Improvement Projects	Funded by Current Year Revenues
4 <sup>th</sup> Street Reconstruction by County	\$1,124,000
Michigan Street with MN Power	650,000
2 <sup>nd</sup> Avenue for Mesaba	250,000
Replace missing Lakewood filter anthracite	250,000
Water main repair on East Superior Street	70,000
<b>Total Project Costs</b>	<b>\$2,344,000</b>



# Financial Information: 520 Gas

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$41,582,500	\$37,216,300	(\$4,366,200)
Expenses	Personal Services	\$7,749,500	\$8,005,400	\$255,900
	Supplies	973,000	1,155,300	182,300
	Natural Gas Purchases	24,422,000	20,930,900	(3,491,100)
	Utilities	38,000	38,500	500
	Depreciation	1,497,700	1,564,200	66,500
	Debt Service / Lease Interest	132,600	102,700	(29,900)
	Payment in Lieu of Taxes	2,876,000	2,357,800	(518,200)
	Other	1,779,100	2,010,600	231,500
	Total Expenses	\$39,467,900	\$36,165,400	(\$3,302,500)
	Estimated Operating Income (Loss)	\$2,114,600	\$1,050,900	(\$1,063,700)
Other Sources of Cash (+)		\$1,647,200	\$1,696,200	\$49,000
Other Uses of Cash (-)	Capital Improvements	\$3,675,000	\$3,814,500	\$139,500
	Capital Equipment Purchases	300,500	448,600	148,100
	Bond / Lease Principal Payments	1,071,400	1,112,000	40,600
	Total Other Uses of Cash	\$5,046,900	\$5,375,100	\$328,200
	INCREASE (DECREASE) IN CASH	(\$1,285,100)	(\$2,628,000)	(\$1,342,900)
	2016 YE Projected Cash Balance			\$7,465,656
	2017 YE Estimated Cash Balance			\$4,837,656



# Capital Projects: 520 Gas

2017 Gas Non-Capital Improvement Projects	Funded by Current Year Revenues
Bollard contract	\$50,000
New regulator on London Road	50,000
Uprating Lakeside/North Shore	10,000
<b>Total Project Costs</b>	<b>\$110,000</b>

2017 Gas Capital Improvement Projects	Funded by Current Year Revenues
Gas main extensions and services	\$1,500,000
8-inch PE pipe: 4 <sup>th</sup> Street, 18 <sup>th</sup> Ave E to Hawthorne	1,164,500
48 <sup>th</sup> Ave E: 3,700 ft replacement with 8-inch	750,000
London Road 14-inch replacement	300,000
Meter relocations	100,000
<b>Total Project Costs</b>	<b>\$3,814,500</b>

<b>Grand Total</b>	<b>\$3,924,500</b>
--------------------	--------------------



# Financial Information: 530 Sewer

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$19,076,200	\$18,435,700	(\$640,500)
Expenses	Personal Services	\$3,390,600	\$3,215,200	(\$175,400)
	Supplies	363,600	357,700	(5,900)
	WLSSD Treatment	8,702,700	8,783,300	80,600
	Utilities	122,700	123,700	1,000
	Depreciation	1,437,500	1,457,500	20,000
	Debt Service / Lease Interest	321,300	245,300	(76,000)
	Sanitary Sewer Grants	450,000	360,000	(90,000)
	Other	1,244,400	1,256,300	11,900
	Total Expenses	\$16,032,800	\$15,799,000	(\$233,800)
	Estimated Operating Income (Loss)	\$3,043,400	\$2,636,700	(\$406,700)
Other Sources of Cash (+)		\$1,644,000	\$1,460,900	(\$183,100)
Other Uses of Cash (-)	Infrastructure Replacement Fund	\$76,800	\$120,000	\$43,200
	Capital Improvements	2,000,000	1,950,000	(50,000)
	Capital Equipment Purchases	240,300	278,700	38,400
	Bond / Lease Principal Payments	1,951,900	1,939,400	(12,500)
	Total Other Uses of Cash	\$4,269,000	\$4,288,100	\$19,100
	INCREASE (DECREASE) IN CASH	\$418,400	(\$190,500)	(\$608,900)
	2016 YE Projected Cash Balance			\$2,479,607
	2017 YE Estimated Cash Balance			\$2,289,107



# Capital Projects: 530 Sewer

2017 Sewer Non-Capital Improvement Projects	Funded by Current Year Revenues
Manhole adjustments	\$50,000
<b>Total Project Costs</b>	<b>\$50,000</b>

2017 Sewer Capital Improvement Projects	Funded by Current Year Revenues
Sanitary sewer rehabilitation/lining	\$1,100,000
Superior Street laterals	750,000
Lift station rehabilitation: 5, 15, 27, 30, 31, 32, 33, 40	100,000
<b>Total Project Costs</b>	<b>\$1,950,000</b>

<b>Grand Total</b>	<b>\$2,000,000</b>
--------------------	--------------------



# Financial Information: 532 Clean Water

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$1,840,700	\$1,615,000	(\$225,700)
Expenses	Depreciation	\$582,400	\$566,300	(\$16,100)
	Grants and Awards	200,000	160,000	(40,000)
	Debt Service Interest	158,800	143,100	(15,700)
	Other	8,400	5,900	(2,500)
	Total Expenses	\$949,600	\$875,300	(\$74,300)
	Estimated Operating Income (Loss)	\$891,100	\$739,700	(\$151,400)
Other Sources of Cash (+)		\$582,400	\$566,300	(\$16,100)
Other Uses of Cash (-)	Capital Improvements	\$0	\$0	\$0
	Bond Principal Payments	1,120,900	1,137,400	16,500
	Total Other Uses of Cash	\$1,120,900	\$1,137,400	\$16,500
	<b>INCREASE (DECREASE) IN CASH</b>	<b>\$352,600</b>	<b>\$168,600</b>	<b>(\$184,000)</b>
	2016 YE Projected Cash Balance			\$746,279
	2017 YE Estimated Cash Balance			\$914,879



# Financial Information: 535 Stormwater

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$4,728,400	\$5,282,200	\$553,800
Expenses	Personal Services	\$2,443,200	\$2,408,200	(\$35,000)
	Supplies	296,700	287,400	(9,300)
	Utilities	26,700	27,300	600
	Depreciation	508,700	458,400	(50,300)
	Non-Capital Improvements	265,000	165,000	(100,000)
	Debt Service Interest	42,300	17,200	(25,100)
	Other	1,302,300	1,303,500	1,200
	Total Expenses	\$4,884,900	\$4,667,000	(\$217,900)
	Estimated Operating Income (Loss)	(\$156,500)	\$615,200	\$771,700
Other Sources of Cash (+)		\$508,600	\$451,600	(\$57,000)
Other Uses of Cash (-)	Capital Improvements	\$1,225,000	\$635,000	(\$590,000)
	Capital Equipment Purchases	181,800	147,000	(34,800)
	Bond Principal Payments	224,700	228,100	3,400
	Total Other Uses of Cash	\$1,631,500	\$1,010,100	(\$621,400)
	INCREASE (DECREASE) IN CASH	(\$1,279,400)	\$56,700	\$1,336,100
	2016 YE Projected Cash Balance			\$1,068,898
	2017 YE Estimated Cash Balance			\$1,125,598



# Capital Projects: 535 Stormwater

2017 Stormwater Non-Capital Improvement Projects	Funded by Current Year Revenues
Non-capital storm projects	\$115,000
Manhole adjustments	50,000
<b>Total Project Costs</b>	<b>\$165,000</b>

2017 Stormwater Capital Improvement Projects	Funded by Current Year Revenues
4 <sup>th</sup> Street storm sewer (County project)	\$500,000
Commonwealth Avenue reconstruction - Boy Scout Landing	85,000
Superior Street with Steam/Transportation project	50,000
<b>Total Project Costs</b>	<b>\$635,000</b>

<b>Grand Total</b>	<b>\$800,000</b>
--------------------	------------------



# Financial Information: 550 Street Lighting

		Budget 2016	Budget 2017	Increase / (Decrease)
Revenues		\$2,197,700	\$2,210,500	\$12,800
Expenses	Personal Services	\$458,900	\$478,900	\$20,000
	Supplies	336,100	275,500	(60,600)
	Utilities	680,000	680,000	0
	Depreciation	229,300	241,900	12,600
	Other	699,600	416,900	(282,700)
	Total Expenses	\$2,403,900	\$2,093,200	(\$310,700)
	Estimated Operating Income (Loss)	(\$206,200)	\$117,300	\$323,500
Other Sources of Cash (+)		\$229,300	\$241,900	\$12,600
Other Uses of Cash (-)	Capital Improvements	\$350,000	\$375,000	\$25,000
	Capital Equipment Purchases	0	244,000	244,000
	Total Other Uses of Cash	\$350,000	\$619,000	\$269,000
	INCREASE (DECREASE) IN CASH	(\$326,900)	(\$259,800)	\$67,100
	2016 YE Projected Cash Balance			\$1,604,847
	2017 YE Estimated Cash Balance			\$1,345,047



# Capital Projects: 550 Street Lighting

2017 Street Lighting Capital Improvement Projects	Funded by Current Year Revenues
Intersection signal replacements: Warwick & TH23	\$275,000
Traffic signal and street lighting upgrade to ethernet communications	100,000
<b>Total Project Costs</b>	<b>\$375,000</b>

Projects Included in Operating Budget	Funded by Current Year Revenues
Underground conduits, fiber interconnects, LED street light upgrades	\$100,000
Traffic engineering	60,000
LED roadway luminaires	50,000
Design & construction engineering for lighting and signal upgrades	45,000
Lights and signals painting	35,000
Signal intersection camera detector replacements	30,000
<b>Total Project Costs</b>	<b>\$320,000</b>





# Questions?