

# AGENDA

## PUBLIC WORKS COMMITTEE MEETING

April 22, 2019 @ 5:30 PM

Council Chambers Conference Room, City Hall

1. Agenda Approval.
2. Approval of Minutes, meeting of April 8, 2019.
3. Old Business :
  - a. Cole Street Bollard / Light Standards renewal: recommendation is to replace bollards opposite existing standard light standards with new light standards. New would be LED, we would retro existing with LED's and in phases remove existing, replace with new and send existing out to be shop powder coated. Should have exact paint spec from Sternberg with paint chips for meeting.
4. New Business:
  - a. Impact / Benefit of change to large customer on Gas Department costs due to increase in bulk gas costs of Canadian natural gas at Sumas, BC
  - b. Update on Public Works Capital Projects
  - c. Summary report of first quarter key performance indicators for utilities / Public Works for discussion.



**Public Works Department**

April 19, 2019

Memorandum for Public Works Committee

From: Jeffrey A. Lincoln, Public Works Director

Subject: Minutes of meeting of April 8, 2019

1. Meeting Convened at 5:30 PM, with Chair Lauk and members LaFleur and Wright present. Due to early start for council meeting the meeting was scheduled for 15 minutes.
2. Minutes for March 25, 2019 were approved.
3. Old Business:
  - a. Cole Street bollards, lighting and other streetscape repainting and alternatives were discussed. There is concern by Mr. LaFleur that removing the bollards would create issues with motorists parking cars over the boundary between the sidewalks and parking strips. Alternatives are limited because replacing the existing bollards with physical markers would create tripping hazards or impact ADA access. Discussion to continue at the April 22<sup>nd</sup> meeting. Quotes and more information is expected from the new Sternberg Rep, Pacific Lighting in Kent.
4. There was no new business discussed.
5. The meeting adjourned at 5:45 PM.



Pacific Lighting Systems  
6004 South 190th St.  
Kent WA 98032  
Phone: (206) 323-2200  
Fax: (206) 726-8315  
**From: Patrick Armstrong**  
**Quoter Ph: (206) 436-8820x.**  
Email: parmstrong@pacificlightingsystems.com

**Project** Enumclaw 2019  
**Location** Enumclaw WA  
**Quote** PLSWA19-48626-1

**To:** Public Works Director Jeff Lincoln  
City of Enumclaw  
1309 Myrtle Ave  
Enumclaw WA 98022

**For**  
**Bid Date** Apr 9, 2019  
**Expires** May 9, 2019

QTY	Type	MFG	Part	Price	UQ
15	LUMINAIRE	STERNBERG	PT-A78LED-5P-4L27T3-MDL02-A-PEC/BK	\$3,200.00	
15	POLE	STERNBERG	714FP5-.188-GFI LPIUC-2-DBA-DHPA/BK	(included)	

Note SIMILAR TO PREV ORDER C14000-1 / C14000-2

Note LUMINAIRE NOTES:

Note LED IN LIEU OF HID / NO CUSTOM LOGO ROSETTES  
| BK IN LIEU OF PG FINISH

Note 40 WATT | 2225 LUMENS, LED, POST-TOP ACORN  
FIXTURE W/ FINIAL

Note \* FINIAL TO BE PAINTED SAME COLOR AS FIXTURE

Note 5P: DECORATIVE FITTER; DRIVER HOUSING

Note \* SLIPS 3" OD X 3" TALL POLE/TENON BY OTHERS

Note 2700K LED COLOR TEMP

Note T3: TYPE III LED DISTRIBUTION TYPE

Note MDL02: 0-10V DIMMING DRIVER FOR 120-277V

Note PEC: ELECTRONIC BUTTON PHOTOCELL;  
MOUNTED ON FITTER

Note STANDARD ROSETTES INCLUDED; PAINTED SAME  
COLOR AS FIXTURE

Note BK: SMOOTH BLACK FINISH

Note POLE NOTES:

Note 14' ALUMINUM POLE ASSEMBLY W/ 5" OD, ROUND,  
STRAIGHT, FLUTED SHAFT & DECORATIVE BASE

Note WALL THICKNESS: 0.188"

Note (1) 15 AMP GFI WITH LOW-PROFILE, IN-USE COVER

Note (2) TWO SETS OF DOUBLE BANNER ARMS



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**Location** Enumclaw WA  
**Quote** PLSWA19-48626-1

QTY	Type	MFG	Part	Price	UQ
	Note		* FOR USE WITH 18" W X 36" H BANNERS BY OTHERS		
	Note		DHPA: DUAL HOOKED PLANTER ARMS; PLANTERS & ACCESSORIES BY OTHERS		
	Note		STANDARD ANCHOR BOLTS & TEMPLATE INCLUDED		
	Note		BK: SMOOTH BLACK FINISH		
1	RETROFIT	STERNBERG	LED-A783-4L27T3-MDL02	\$375.00	
	Note		LED CONVERSION KIT FOR EXISTING A783 OR A785 STERNBERG FIXTURES		
	Note		40 WATT   2225 LUMENS, LED RETROFIT ASSEMBLY		
	Note		2700K LED COLOR TEMP		
	Note		T3: TYPE III LED DISTRIBUTION TYPE		
	Note		MDL02: 0-10V DIMMING DRIVER FOR 120-277V		
	Note		PREVIOUS ORDER EXAMPLE: C14000   7/6/2011		
	Note		STERNBERG ASSEMBLY:		
	Note		A783A/5P/CDR CUSTOM MEDALLIONS/150HPS		
	Note		MT120 MOGUL/DTL-PEC/PG		
1	RETRO ADDER	STERNBERG	NEW-STYLE DRIVER HOUSING ADDER	\$30.00	
	Note		REQUIRED FOR EXISTING FIXTURES PRODUCED BETWEEN 1985-2004		
	Note		ORDER EXAMPLE: 45704   4/25/2003		
				<b>Total:</b>	<b>\$48,405.00</b>

## AMA Analysis

Month	Total	Volume	Sumas Index	Rockies Index	Rockies to		Small	Large	T-Port Spread	T-Port Gain
	Citygate Volume	Subject to Sumas			Sumas Spread	Rockies to Sumas Gain	Customer Rate	Customer Rate		
Dec-18	68,200	19,282	\$17.7035	\$5.7000	\$12.0035	\$231,451.49	\$0.6956	\$0.4000	\$0.2956	\$20,159.92
Jan-19	68,200	20,057	\$6.1935	\$4.2200	\$1.9735	\$39,582.49	\$0.6956	\$0.4000	\$0.2956	\$20,159.92
Feb-19	69,050	28,181	\$3.7935	\$3.3800	\$0.4135	\$11,652.84	\$0.6956	\$0.4000	\$0.2956	\$20,411.18
Mar-19	57,450	19,645	\$10.4735	\$3.7700	\$6.7035	\$131,690.26	\$0.6956	\$0.4000	\$0.2956	\$16,982.22
<b>Total</b>	<b>262,900</b>	<b>87,165</b>				<b>\$414,377.08</b>				<b>\$77,713.24</b>

Total Savings thru Mar-2019	\$492,090.32
Payment to IGI for AMA Transaction	(\$146,404.00)
<b>Net Savings thru Mar-2019</b>	<b>\$345,686.32</b>

*Projections:*

Apr-19	31,560					\$0.6956	\$0.4000	\$0.2956	\$9,329.14
May-19	20,770					\$0.6956	\$0.4000	\$0.2956	\$6,139.61
Jun-19	13,110					\$0.6956	\$0.4000	\$0.2956	\$3,875.32
Jul-19	10,788					\$0.6956	\$0.4000	\$0.2956	\$3,188.93
Aug-19	10,044					\$0.6956	\$0.4000	\$0.2956	\$2,969.01
Sep-19	12,630					\$0.6956	\$0.4000	\$0.2956	\$3,733.43
Oct-19	31,775					\$0.6956	\$0.4000	\$0.2956	\$9,392.69
Nov-19	45,330					\$0.6956	\$0.4000	\$0.2956	\$13,399.55
									<b>\$52,027.68</b>

Potential Total Savings    \$397,714.00

Capital Projects

Project Number	Project Description	Status	Owner	2018 Budget	2019 Budget	Total Budget	Paid 2018	Paid 2019	Overall Paid	Last update	Budget No	Original Proj Yr
1706	FlowGIS	In-Progress	Hawthorne	\$50,000.00	\$23,750.00	\$50,000.00	\$26,250.00	\$0.00	\$26,250.00	3/6/2019	430.000.594.33.643.00	2017
1804	Water System AMR Conversion	In Progress.	Woodbury	\$450,000.00	\$1,070,000.00	\$1,520,000.00		\$475,184.90	\$475,184.90	3/6/2019	410.747.594.34.640.00	2018
1808	Streetlight Conversion	In Progress.	Woodbury	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	3/6/2019		2018
1809	Comprehensive Stormwater Plan	Completed	Lincoln	\$60,000.00	\$13,378.00	\$73,378.00	\$27,313.00	\$6,340.25	\$33,653.25	3/6/2019	450.000.531.10.410	2018
1810	Battersby Ave Culvert	Design and Permitting	Palmer	\$40,000.00	\$8,000.00	\$48,000.00	\$12,401.00	\$3,472.77	\$15,873.77	3/6/2019	450.770.594.31.630.00	
1812	2019 Hard Surface Repairs	Pending CN Award	Walker	\$250,000.00	\$246,000.00	\$250,000.00		\$2,525.12	\$2,525.12	3/6/2019	112.764.595.61.635.00	2018
1813	Gas Infrastructure, 2019	In-Progress	Hawthorne	\$0.00	\$98,153.27	\$98,153.27		\$0.00	\$0.00	3/6/2019	430.000.594.33.630.08	2019
1901	Foothills Battersby Ave Trail Improvements	Design and Permitting	Woodbury	\$215,976.00	\$1,082,550.73	\$1,082,550.73	\$42,104.27	\$21,103.43	\$63,207.70	3/6/2019	110.761.595.62.636.00	2018
1902	Pussyfoot Creek Relocate (GS-0031)	In Progress	Hawthorne	\$0.00	\$118,086.08	\$118,086.08		\$1,421.00	\$1,421.00	3/6/2019	430.000.594.33.630.05	2019
1903	FY 2019 Overlay Project - Pave. Pres. Semanski Roosevelt to	Design	Walker	\$278,000.00	\$278,000.00	\$278,000.00		\$0.00	\$0.00	3/6/2019	112.766.595.61.635.00	2018
1904	Cole Street Overlay	Scoping	Walker	\$548,110.00	\$548,110.00	\$548,110.00		\$0.00	\$0.00	3/6/2019	112.767.595.61.635.00	2018
1905	Railroad	Design	Walker	\$476,128.50	\$476,128.50	\$476,128.50		\$5,194.00	\$5,194.00	3/6/2019	110.000.595.40.630.00	2018
1906	City Pavement Preservation (ADD 2019)	Design	Walker	\$600,000.00	\$600,000.00	\$600,000.00		\$0.00	\$0.00	3/6/2019	Salaries,	2018
1907	Remod-Stev-Yerxa Building	Scoping	Lincoln	\$15,000.00	\$15,000.00	\$15,000.00		\$0.00	\$0.00	3/6/2019	535.000.594.18.620.00	2018
1908	Semanski and Warner Intersection Improvements (ST-0021)	AE Selection	Walker	\$0.00	\$664,000.00	\$664,000.00		\$0.00	\$0.00	3/6/2019	110.754.595.30.630.00	2019
1909	244th and Roosevelt - Intersection Improvements	AE Selection	Walker	\$0.00	\$80,000.00	\$80,000.00		\$0.00	\$0.00	3/6/2019	110.000.595.40.630.00	2019
1910	Warner Ave Widening at Elk Meadows Park	Negotiating with Dev.	Walker	\$0.00	\$45,000.00	\$45,000.00		\$0.00	\$0.00	3/6/2019	110.000.595.40.630.00	2019
1913	Chinook Stormwater Pond Clean-up	Deferred	Palmer	\$0.00	\$25,000.00	\$25,000.00		\$0.00	\$0.00	3/6/2019	450	2019
1914	Expo Roofing Exhibit Hall/Admin	Pending Funding	Herrell	\$0.00	\$200,000.00	\$200,000.00				3/6/2019	001.490.594.75.630.00	
1915	Sewer System Eval Survey	In Progress	Woodbury	\$0.00	\$320,000.00	\$320,000.00		\$0.00	\$0.00	3/6/2019		2019
1901SW	Hydrant replacements. Davis Ave Water Main Replacement	In Progress	Woodbury	\$0.00	\$25,000.00	\$25,000.00		\$0.00	\$0.00	3/6/2019	410.000.594.34.630.00	2019
1902SW	Cole Street Repaint Streetscape Hardware	Construction Awarded	Woodbury	\$0.00	\$200,000.00	\$200,000.00		\$302.63	\$302.63	3/6/2019	110.000.595.40.630.00	2019
1903SW	<b>DO NOT USE SEE 1918</b> - Rapid Flashing Beacons			\$0.00	\$0.00	\$0.00			\$0.00	3/6/2019		2019
1904SW	PD Upgrades	Pending Approval by WSDOT	Walker	\$0.00	\$60,000.00	\$60,000.00		\$0.00	\$0.00	3/6/2019	001.061.521.16.480.00	2019
1905SW	Repair Brick & Mortar City Hall	In-Progress	Herrell	\$0.00	\$55,000.00	\$55,000.00		\$9,738.32	\$9,738.32	3/6/2019	535.000.594.18.630.00	2019
1906SW	Senior Center HVAC	Scoping	Herrell	\$0.00	\$110,000.00	\$110,000.00		\$0.00	\$0.00	3/6/2019	535.000.594.18.640.00	2019
1907SW	Repair Shops Storage Shed	Pending	Herrell	\$0.00	\$10,000.00	\$10,000.00		\$0.00	\$0.00	3/6/2019		2019
1908SW	WWTP Projects	In Progress	Woodbury	\$0.00	\$350,000.00	\$350,000.00		\$0.00	\$0.00	3/6/2019		2019
1909SW	Expo Painting Activity Hall and Admin Building	Awarded	Herrell	\$0.00	\$25,000.00	\$25,000.00		\$0.00	\$0.00	3/6/2019	001.490.594.75.630.00	2019
1912SW	<b>DO NOT USE SEE 1917</b> - Demo old City shops	Scoping	Lincoln	\$0.00	\$0.00	\$0.00		\$0.00	\$0.00	3/6/2019		2019
1913SW	Automatic Security Gates at Shops (FC-0004)	Scoping	Herrell	\$0.00	\$30,000.00	\$30,000.00		\$0.00	\$0.00	3/6/2019	535.000.594.18.620.00	2019
1916	Parks Playground Surfacing		Herrell	\$0.00							001.083.576.80.480.00	2019
1917	Demo Old Shops 2040 Railroad	Bid Development - Estimating	Lincoln	\$0.00	\$18,000.00	\$18,000.00		\$0.00	\$0.00	4/17/2019	430.000.533.80.620.00	2019
1918	RRFB - Griffin and Garfield	Scoping	Lincoln	\$0.00	\$125,000.00	\$125,000.00			\$0.00	3/6/2019	110.000.595.40.630.00	2019

Contracts

ID	Contract Name	Finance PN	Old Contract Number	Contract Number	Change Number	Contract Type	Project Number	Owner	Vendor	Council Award Date	Award Date	Award Amount	Paid to Date	Status
	Pussyfoot Creek Relocation Design			2018-0001		AE	1902	Hawthorne	EN					
	Sewer Evaluation			2018-0002		AE	1705SW	Woodbury						
	Battersby Culvert Permitting	717		2018-0003		PSA	1810	Palmer	Grette		6/19/2018	\$30,475.00		
	Collection System Monitoring		SW1705	2018-0004		AE	1705SW	Woodbury	ADS Environmental					
	Streetlight Conversion			2018-0005		PSA	1808	Woodbury	PSE					
	Foothills Trail Design		1901	2018-0006		AE	1901	Woodbury	Hewitt-Zollars					
	Developer Infrastructure, Gas, Bellas Meadows	630.08		2018-0007		DA	1813	Hawthorne	Pulte					
	Gas Infrastructure, Roosevelt Ave Reinforcement	630.xx		2018-0008		CN	1813	Hawthorne	Infrasource					
	Gas Infrastructure, Warner Ave Reinforcement	630.xx		2018-0009		CN	1813	Hawthorne	Infrasource					
	Roosevelt Joint Trench			2019-0001		CN	1813	Hawthorne	BME			\$69,780.00	\$69,780.00	Complete
	Davis Street Waterline			2019-0002		CN	1901SW	Woodbury	Fenix Earthworks		2/11/2019	\$149,647.29		
	Hard Surface Repairs		1812	2019-0003		CN	1812	Walker	Nordvind		3/25/2019	\$243,012.99		
	Expo Paint Admin and Exhibition Hall		SW1909	2019-0004		CN	1909SW	Herrell	New Image Painting and Remodeling		3/19/2019	\$25,218.40		
	Battersby Culvert Design	717	1404 TO 01-16	2019-0005		AE-TO	1810	Palmer	Parametrix		3/6/2019	\$25,629.50		
	FloGIS Enhancements			2019-0006		PSA	1706	Hawthorne	Magnolia					
	FloGIS Database Replication			2019-0007	01	PSA	1706	Hawthorne	Magnolia			\$5,000.00		
	WWTP Purchased Equipment 2019			2019-0008		PO	1908SW	Woodbury	Various					

**Dashboard Statistics - Public Works**

Mar-2019

<b>Equipment Rental</b>	<b>Monthly</b>	<b>2019</b>	<b>2018</b>	<b>Change</b>
Vehicles Serviced:	108	214	223	-4.04%
Vehicles with Minor Repairs:	18	36	24	50.00%
Fuel Consumption:				
Gasoline/Gallons	2383	6451.4	6065.288	6.37%
Diesel/Gallons	3209	7861.3	5847.761	34.43%
CNG/Gallons	84	224	372.5	-39.87%

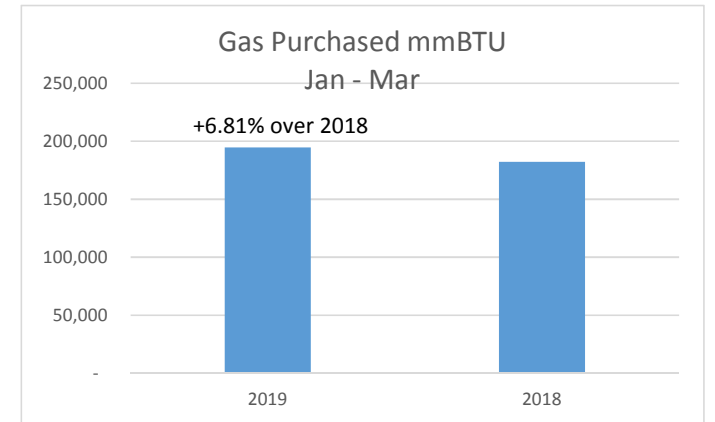
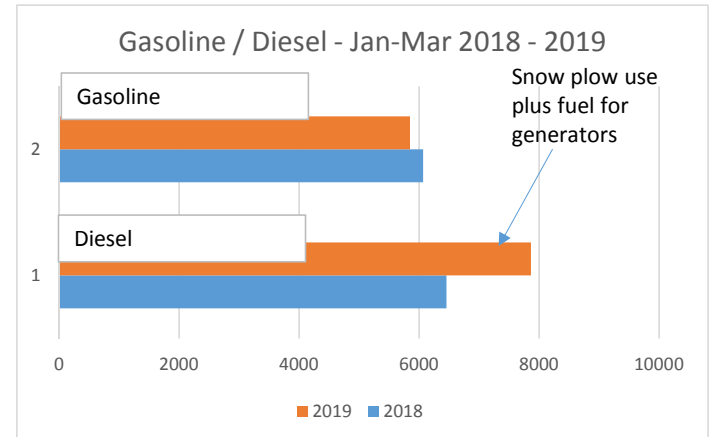
**Natural Gas**

	<b>Monthly</b>	<b>2019</b>	<b>2018</b>	<b>Change</b>
Gas Consumption/MMBTU	52,901	194,664	182,245	6.81%
Service Orders	102	269	347	-22.48%
Service Orders	29	37	87	-57.47%
Total Customers Billed	4,630		4442	4.23% Y-Y

**Water**

	<b>Monthly</b>	<b>2019</b>	<b>2018</b>	<b>Change</b>
Total New Services				#DIV/0!
New Meter Set	5	8	44	-81.82%
Meters Replaced	89	202	8	2425.00%
Locates	135	277	364	-23.90%
Service Orders	216	458	76	502.63%
Total Gallons	42,449,000	124,257,000	119,681,000	3.82%
Water Consumption/Gallons	37,218,984	113,166,416	109,929,820	2.94%
Total Customers Billed	5,865	-	5,705	2.80%
NEED AMR DATA				

14.05%  
Unbilled





**Dashboard Statistics - Public Works**

**Solid Waste**

	Monthly	2019	2018	Change
Tons Hauled to KC Transfer Station/T	437.87	1243.7	1246.26	-0.21%
Yard Waste/Tons	76.94	173.03	204.31	-15.31%
Recycling/Tons	96.93	276.55	276.27	0.10%
Cardboard - Total Tons	7.74	36.74	47.3	-22.33%
Cardboard - Total Revenue	\$ 1,255	\$ 3,140	\$ 3,610	-13.01%
Service Orders	144	425	364	16.76%
Total Customers Billed	3,773	-	3,643	3.57%

**Line Maintenance**

	Monthly	2019	2018	Change
Locates	60	109	164	-33.54%
Service Orders	24	37	15	146.67%
After-Hour Call Outs	13	24	11	118.18%
Clean Catch Basins	92	148		#DIV/0!

**Streets**

Grade/Repaired Various Alleys/ Miles	0.25	1.75	0.50	250.00%
Mowed Right-of-Way Ditches/ Miles	0.25	0.75		#DIV/0!
Mowed City-Owned Property/Acres				#DIV/0!
Cleaned Ditches/Feet				#DIV/0!
Cold Mixed Various Areas/Tons	1.00	3.50	8.50	-58.82%
Streets Swept Miles	298.00	699.00	771.00	-9.34%
Hours	72.00	164.00	154.00	6.49%
Street Sweepings (tons)	48.47	61.07	84.53	-27.75%
Service Orders	7.00	30.00	145.00	-79.31%

**Wastewater**

	Monthly	2019	2018	Change
Total Treated Gallons/MG	37.49	159.90	193.53	-17.38%
Total Customers Billed	3694.00		3551.00	4.03%

