



THE
CITY OF BRUNSWICK
MARYLAND

1 WEST POTOMAC STREET · BRUNSWICK, MARYLAND 21716 · (301) 834-7500

FINANCE & UTILITY COMMISSION MEETING

BRUNSWICK CITY HALL

Wednesday, September 21, 2022

5:00 PM

Agenda

1. PO# 230087 – AJK Industries LLC – 811 Lift
2. I&I Project Results
3. PO#230094 – Hankeys Radio Inc – 811 Antenna
4. Police Department Vehicle
5. Police Department Salary Scale
6. Police Department - LEOPS

Purchase Orders

PO Proof List



User: Rbruchey
 Printed: 09/06/2022 - 2:29PM
 Batch: 00007.09.2022 - Pw-962023jg

Ship Location	Vendor No.	Vendor Name	PO Date	Acct No.	Account Description	Amount	Qty
New lift for garage	12163	AJK Industries LLC	9/6/2022	30-530-12-8003	Capital-Equipment	\$63,264.00	0.00
0000230087						\$63,264.00	0.00
Grand Total:						\$63,264.00	0.00

AJK INDUSTRIES LLC

Mailing address

4815 Marymead Dr

Fairfax, Va 22030

Phone 703-314-3510 Fax 703-266-0911

Email ajkequip@gmail.com

Date 5/24/22

4 post align rack proposal

CITY OF BRUNSWICK

Brunswick Md

ATTN Eric Minnick

1-PKS 25-4-20

4 post 25,000lb capacity 20 feet long treaded runways

4 direct drive hydraulic cylinders no load bearing cables

Electrically operated with cables providing lateral equalization

Front and rear constructed of maintenance free structural steel

With solid steel pulleys

2-3 hp electric motors customer to specify voltage

24 inch wide runways treaded diamond plate

ALI GOLD CERTIFIED

**INCLUDED Rear slip plates custom cut outs and slip plates with
medium duty radius gauges, internal air line kit**

\$45,350.00

9k capacity rolling jack \$6570.00 each

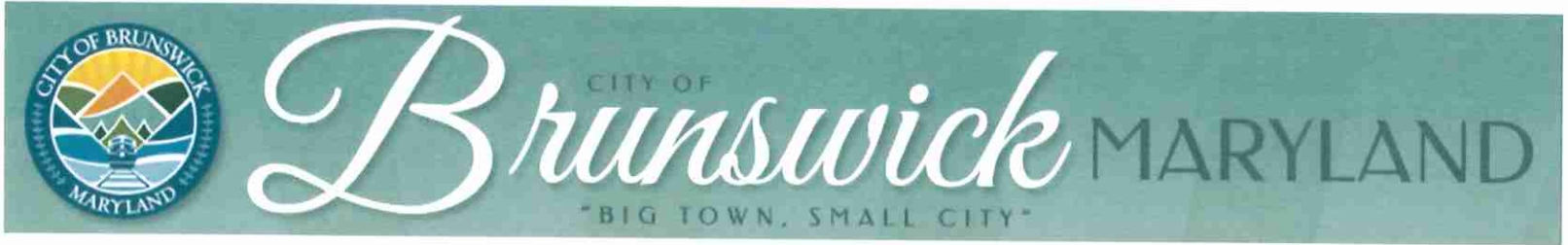
15K capacity rolling jack \$7207.00 each

The above price do not include install Freight \$3500.00

QUOTE GOOD UNTIL AUGUST 10TH 2022

Thank You

Jeff Scripka



Department of Public Works

Sewer Grouting & Relining Project Overview

Jeremy Mose, Assistant City Administrator of Public Facilities

John Gerstner, Public Works Director

September 21, 2022

Background

Inflow & Infiltration (I&I)

- **Infiltration** occurs when groundwater seeps into sewer pipes through cracks, leaky pipe joints and/or deteriorated manholes
- **Inflow** is storm water that enters the sewer system through rain gutters, basement sump pumps or foundation drains illegally connected to the sewer system

Together, **inflow** and **infiltration** place a burden the sewer collection system and waste water treatment plant



Background

Impacts of I & I on Waste Water Flows

The sewer system and WWTP is forced treat more flow than they are designed for resulting in:

- Discharge of untreated waste water to the environment
- Results in higher treatment costs
- Lose of treatment capacity and capital improvements may be required
- Sewer overflowing into local homes
- Sewer pipe failures due to erosion



High Storm Water Flows at the WWTP



Sewer Grouting & Relining Project Overview

Sewer Grouting & Relining Project

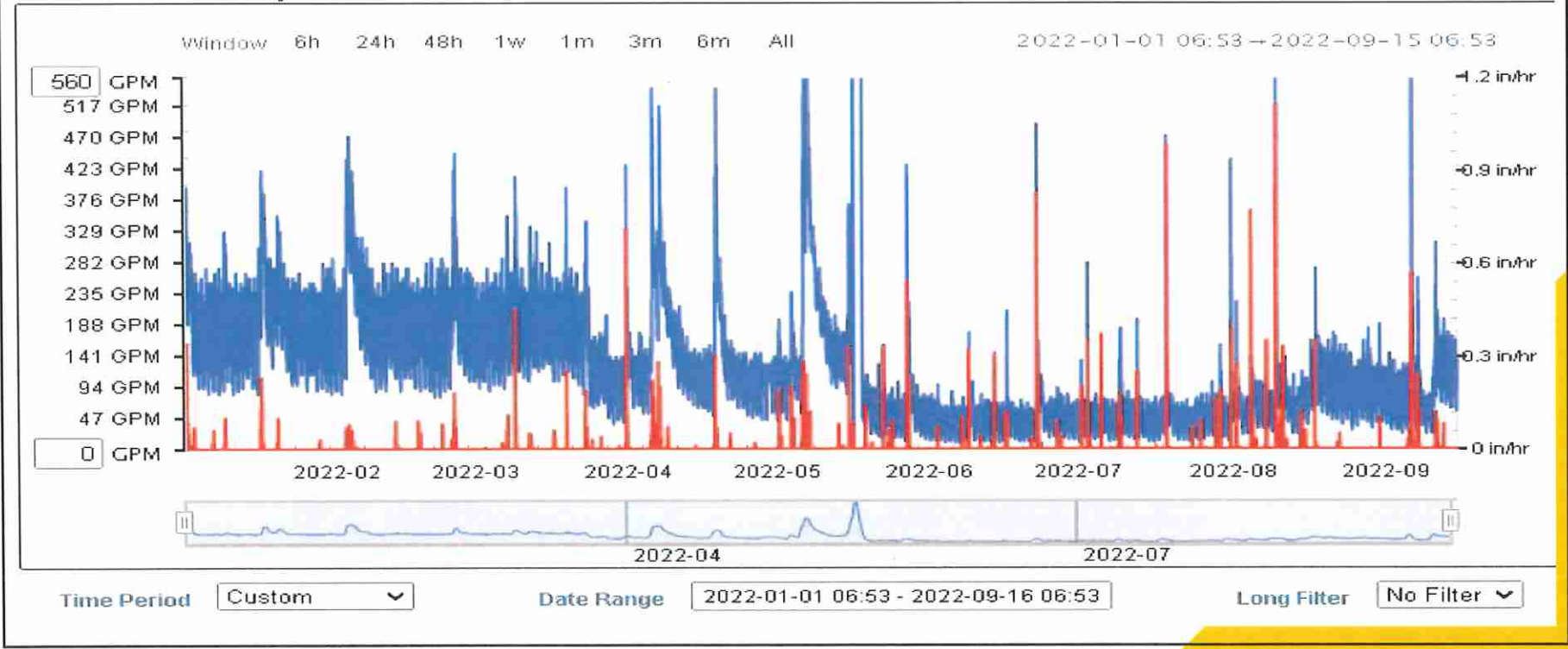
Contractor – Standard Pipe

- 11,000 LF of Sewer Main Relined
- 34,000 LF of Sewer Main Grouted
- Grouted 75 Lateral Connections
- Installed 75 Sewer Clean Outs

Total Project Cost - \$2.2M

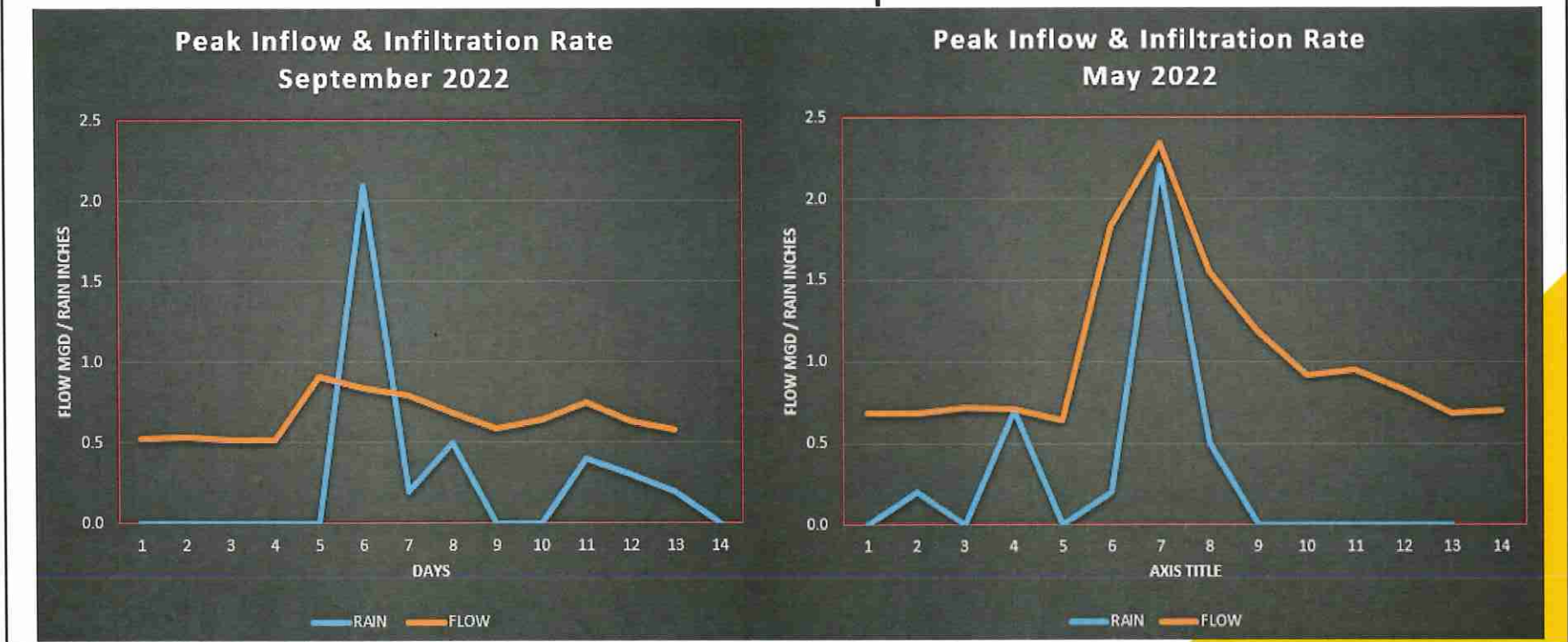
Project Results

Sewer System Flow Meter Data



Project Results

WWTP Rain Event Flow Comparison



Project Results

Measuring Success

- Reduced peak flows at the WWTP during heavy rain events by **80%**
- Decreased ground water from entering sewer collection system by **25%**
- Reduced total daily infiltration from entering the sewer collection system by **65%**

Projected Savings

It Costs about \$6 to Treat 1,000 Gallons of Waste Water

- Reduced peak storm water flows by **2 million gallons** saving on average **\$240,000 annually**
- Decreased the amount of ground water infiltration from entering the system by **20,000 gallons per day** saving **\$43,000 annually**

Total Estimated Annual Savings of \$283,000



- Focus on Inflow – illegal sewer connections (gutters, basement floor drains)
- Replace A Street Sewer Main
- Continue Repairing Lateral Connections & Clean Outs
- Improve Data Collection - Install Additional Flow Meters

Next Steps

Purchase Orders

PO Proof List



User: lspring
 Printed: 09/13/2022 - 8:59AM
 Batch: 00014.09.2022 - 2022-09-13 LAS-1

Ship Location	Vendor No.	Vendor Name	PO Date	Acct No.	Account Description	Amount	Qty
Antenna System 0000230094	10001	Hankeys Radio Inc	9/13/2022	30-520-11-8332	811 W Potomac St Project	\$34,730.00	0.00
						\$34,730.00	0.00
					Grand Total:	\$34,730.00	0.00

September 8, 2022

**Proposal for Chief of Police Brunswick, MD
In-Building Bi-Directional Amplifier and Distributed Antenna
System for the Brunswick Police Station**

Chief Grumwell,

Per your request, Hankey's Radio, Inc. is pleased to present this comprehensive, "turnkey" proposal to provide an in-building bi-directional amplifier (BDA) and distributed antenna system (DAS) for the Brunswick Police Station. This system solution will provide 800 MHz two-way communications for all areas that have insufficient RF signal for adequate two-way communication for Public Safety First Responders.

Hankey's Radio Inc. utilized RF propagation models to determine the most feasible solution for providing supplemental, in-building RF coverage for the specified area in the building. The proposed in-building DAS will enhance coverage provided by the Frederick County Public Safety radio system inside the new Brunswick Police Station.

A Project Manager would be assigned to work with Brunswick Police Department personnel to develop a timeline for project completion. Hankey's Radio, Inc. anticipates that it will take approximately three (3) weeks after receipt of the purchase order for equipment to arrive. Two (2) weeks to install and test the proposed system.

Hankey's Radio price includes the design, equipment, installation, and testing necessary to expand current RF coverage to Brunswick Police Station. The total system price is thirty-four thousand seven hundred and thirty dollars (\$34,730.00). Hankey's Radio, Inc. will provide as-built drawings and a one-year system warranty after completion of the project. Warranty repairs of the equipment does not include physical, liquid, burn, or lightning damage.

Taxes would be included as a separate line item on each invoice unless the appropriate tax exemption certificate or number is provided with the purchase authorization. Freight is included in the material price.

I hope this information meets your needs. Please feel free to call me at (301) 662-1381 with any questions or comments regarding this proposal. Thank you for your time and consideration. We look forward to working with you in the near future.

Sincerely,

Pat Hughes
Service Manager
Hankey's Radio, Inc.



ADDENDUM A

Vehicle Use Agreement

It is hereby agreed between the United States Postal Inspection Service (USPIS) and the Mayor and Council, City of Brunswick, One West Potomac Street, Brunswick, MD 21716 that:

The USPIS hereby agrees to provide to the City of Brunswick a monthly stipend of \$850.00 for the sole use of providing an acceptable vehicle for the Task Force member to use in the furtherance of their obligations to the Task Force. The stipend incorporates all associated costs for the vehicle to include routine maintenance and minor repairs of the vehicle.

This is an internal government agreement between USPIS and City of Brunswick and is not intended to confer any right or benefit to any private person or party.



INC Greg Torbenson (A)
Inspector in Charge
Washington Division
U.S. Postal Inspection Service

Date April 18, 2022



City Administrator
City of Brunswick, MD

April 13, 2022
Date

Proposed

OPTION #4																	
	1	2	3	4	5	6	7	8	9	10-11	12-13	14-15	16-17	18-19	20-21	22+	
	0-12	13-24	25-36	37-48	49-60	61-72	73-84	85-96	97-108	109-132	133-156	157-180	181-204	205-228	229-252	253+	
8 Chief																	
7 Captain (15%)	39.25	40.43	41.64	42.89	44.18	45.51	46.88	48.29	49.74	51.23	52.77	54.35	55.98	57.66	59.39	61.17	
	81,640.00	84,094.40	86,611.20	89,211.20	91,894.40	94,660.80	97,510.40	100,443.20	103,459.20	106,558.40	109,761.60	113,048.00	116,438.40	119,932.80	123,531.20	127,233.60	
6 Lieutenant (15%)	34.13	35.15	36.20	37.29	38.41	39.56	40.75	41.97	43.23	44.53	45.87	47.25	48.67	50.13	51.63	53.18	
	70,990.40	73,112.00	75,296.00	77,563.20	79,892.80	82,284.80	84,760.00	87,297.60	89,918.40	92,622.40	95,409.60	98,280.00	101,233.60	104,270.40	107,390.40	110,614.40	
5 Corporal (5%)	29.68	30.57	31.49	32.43	33.40	34.40	35.43	36.49	37.58	38.71	39.87	41.07	42.30	43.57	44.88	46.23	
	61,734.40	63,585.60	65,499.20	67,454.40	69,472.00	71,552.00	73,694.40	75,899.20	78,166.40	80,516.80	82,929.60	85,425.60	87,984.00	90,625.60	93,350.40	96,158.40	
4 SPO (5%)	28.27	29.12	29.99	30.89	31.82	32.77	33.75	34.76	35.80	36.87	37.98	39.12	40.29	41.50	42.75	44.03	
	58,801.60	60,569.60	62,379.20	64,251.20	66,185.60	68,161.60	70,200.00	72,300.80	74,464.00	76,689.60	78,998.40	81,369.60	83,803.20	86,320.00	88,920.00	91,582.40	
3 OFC (5%)	26.92	27.73	28.56	29.42	30.30	31.21	32.15	33.11									
	55,993.60	57,678.40	59,404.80	61,193.60	63,024.00	64,916.80	66,872.00	68,868.80									
2 Officer (11%)	25.64	26.41															
	53,331.20	54,932.80															
1 Academy	23.10																
	48,048.00																
	*auto promotion to OFC from Officer 18 months after academy graduation																
	*auto promotion to SPO from OFC at 8 year hiring anniversary																
	*lateral with less than 10 years of service starts at Grade 3/ Step 1																
	*lateral with more than 10 years of service starts at Grade 4/Step 1																

Current

City of Brunswick
Police Department
Pay Scale FY23

Yrs of Service	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	23
6 Chief	\$39.19	\$40.17	\$41.17	\$42.20	\$43.26	\$44.34	\$45.45	\$46.59	\$47.75	\$48.94	\$50.16	\$51.41	\$52.70	\$54.02	\$55.37	\$56.75
	\$81,515.20	\$83,553.60	\$85,633.60	\$87,776.00	\$89,980.80	\$92,227.20	\$94,536.00	\$96,907.20	\$99,320.00	\$101,795.20	\$104,332.80	\$106,932.80	\$109,616.00	\$112,361.60	\$115,169.60	\$118,040.00
5 Captain	\$34.08	\$34.93	\$35.80	\$36.70	\$37.62	\$38.56	\$39.52	\$40.51	\$41.52	\$42.56	\$43.62	\$44.71	\$45.83	\$46.98	\$48.15	\$49.35
	\$70,886.40	\$72,654.40	\$74,464.00	\$76,336.00	\$78,249.60	\$80,204.80	\$82,201.60	\$84,260.80	\$86,361.60	\$88,524.80	\$90,729.60	\$92,996.80	\$95,326.40	\$97,718.40	\$100,152.00	\$102,648.00
4 Lieutenant	\$29.63	\$30.37	\$31.13	\$31.91	\$32.71	\$33.53	\$34.37	\$35.23	\$36.11	\$37.01	\$37.94	\$38.89	\$39.86	\$40.86	\$41.88	\$42.93
	\$61,630.40	\$63,169.60	\$64,750.40	\$66,372.80	\$68,036.80	\$69,742.40	\$71,489.60	\$73,278.40	\$75,108.80	\$76,980.80	\$78,915.20	\$80,891.20	\$82,908.80	\$84,988.80	\$87,110.40	\$89,294.40
3 Corporal	\$26.94	\$27.61	\$28.30	\$29.01	\$29.74	\$30.48	\$31.24	\$32.02	\$32.82	\$33.64	\$34.48	\$35.34	\$36.22	\$37.13	\$38.06	\$39.01
	\$56,035.20	\$57,428.80	\$58,864.00	\$60,340.80	\$61,859.20	\$63,398.40	\$64,979.20	\$66,601.60	\$68,265.60	\$69,971.20	\$71,718.40	\$73,507.20	\$75,337.60	\$77,230.40	\$79,164.80	\$81,140.80
2 OFC	\$24.49	\$25.10	\$25.73	\$26.37	\$27.03	\$27.71	\$28.40	\$29.11	\$29.84	\$30.59	\$31.35	\$32.13	\$32.93	\$33.75	\$34.59	\$35.45
	\$50,939.20	\$52,208.00	\$53,518.40	\$54,849.60	\$56,222.40	\$57,636.80	\$59,072.00	\$60,548.80	\$62,067.20	\$63,627.20	\$65,208.00	\$66,830.40	\$68,494.40	\$70,200.00	\$71,947.20	\$73,736.00
1 Officer	\$ 23.10	\$23.68	\$24.27	\$24.88	\$25.50	\$26.14	\$26.79	\$27.46	\$28.15	\$28.85	\$29.57	\$30.31	\$31.07	\$31.85	\$32.65	\$33.47
	\$48,048.00	\$49,254.40	\$50,481.60	\$51,750.40	\$53,040.00	\$54,371.20	\$55,723.20	\$57,116.80	\$58,552.00	\$60,008.00	\$61,505.60	\$63,044.80	\$64,625.60	\$66,248.00	\$67,912.00	\$69,617.60

Pay Comparison with BPD Option 4

Officer First Class

	<u>Year 3</u>	<u>4</u>	<u>5</u>	<u>20</u>
FCSO	\$68,942.00	\$71,788.00	\$74,634.00	\$100,250.00
MSP	\$65,714.00	\$68,999.00	\$72,449.00	\$111,767.00
WCSO	\$63,139.00	\$64,718.00	\$66,336.00	\$108,323.00
FPD	\$60,655.00	\$63,081.00	\$65,605.00	\$89,784.00
BPD	\$59,405.00	\$61,194.00	\$63,024.00	\$88,920.00
Mt. Airy	\$59,373.00	\$59,373.00	\$62,876.00	\$92,795.00
Thurmont	\$55,160.00	\$56,539.00	\$57,952.00	\$74,184.00
Taneytown	\$53,940.00	\$55,558.00	\$57,225.00	\$81,356.00

Sergeant

FCSO	\$83,420.00	\$88,864.00	\$90,308.00	\$121,303.00
WCSO	\$81,214.00	\$83,245.00	\$85,326.00	\$123,577.00
FPD	\$78,759.00	\$81,909.00	\$85,186.00	\$116,582.00
MSP	\$75,347.00	\$79,114.00	\$83,072.00	\$123,182.00
Mt Airy	\$72,896.00	\$72,896.00	\$77,197.00	\$102,821.00
Thurmont	\$63,710.00	\$65,303.00	\$66,935.00	\$85,682.00
Taneytown	\$62,323.00	\$64,193.00	\$66,119.00	\$88,858.00

Corporal

WCSO	\$77,347.00	\$79,281.00	\$81,263.00	\$117,693.00
FCSO	\$75,836.00	\$78,967.00	\$82,098.00	\$110,275.00
MSP	\$70,420.00	\$73,940.00	\$77,635.00	\$115,123.00
FPD	\$69,786.00	\$72,577.00	\$75,480.00	\$103,300.00
Mt Airy	\$69,512.00	\$69,512.00	\$73,613.00	\$98,047.00
BPD	\$65,499.00	\$67,454.00	\$69,472.00	\$93,350.00
Taneytown	\$59,981.00	\$61,780.00	\$63,634.00	\$85,519.00
Thurmont	\$57,918.00	\$59,366.00	\$60,850.00	\$77,893.00

Lieutenant

FPD	\$92,958.00	\$96,676.00	\$100,543.00	\$137,601.00
FCSO	\$91,762.00	\$95,550.00	\$99,338.00	\$133,433.00
MSP	\$90,295.00	\$94,811.00	\$99,552.00	\$147,620.00
WCSO	\$89,488.00	\$91,725.00	\$94,018.00	\$136,167.00
Mt Airy	\$76,540.00	\$76,540.00	\$81,056.00	\$107,961.00
BPD	\$75,296.00	\$77,563.00	\$79,893.00	\$107,390.00
Taneytown	\$68,857.00	\$70,923.00	\$73,050.00	\$98,174.00

FPD under contract for 5% raise for FY24

FCSO under contract for 4.5% raise in FY24

FPD max out at Step 13 (year 14)

Mt. Airy max out at Step 7 (year 15)

BPD, Mt Airy, Taneytown, MSP have Senior Officer, Master Officer or both which adds Grade into scale

Taneytown works a 2184 hour year instead of 2080

Carrie Myers

From: Grunwell, Kevin <KGrunwell@FrederickCountyMD.gov>
Sent: Monday, May 16, 2022 6:04 PM
To: Carrie Myers
Subject: LEOPS info
Attachments: Current Employees Plan.pdf; LEOPS Plan.pdf

Categories: Meetings

Carrie,

Attached are the two "plans" for retirement. The first one is the current plan that goes out 25 years with the PD salary. (Basically the salary of everyone who is in the plan multiplied by 10.6% is the cost to the city, which is the last column). The LEOPS plan is the same but multiplied by 36%. We do have a credit on the LEOPS plan of \$85,523.00 per year spaced out over the next 25 years. Missy added a 2.5% step increase each year which is why the price goes up each year.

If our salaries increase, then the final cost will increase as well and the rate is subject to change based on how the fund is doing so it is all an estimate. If the salaries go down, then the cost goes down with it. Cpl. Druktenis's salary is in the current attachments so the cost will actually be lower than what is projected here as she will be replaced by someone new with a lower salary.

Hopefully this will give them an idea of what it will cost but if not, I can hopefully answer any questions they have. Let me know if you want anything specific in addition to this.

kevin

Kevin Grunwell

Chief of Police
Brunswick Police Department
20 East A Street
Brunswick, MD 21716
301-834-9101 x100 (O)
301-835-5957 (M)

Current Plan

2.5%

Year	Payroll	Cola	Step	LEOPS			
				Total Payroll	Rate	Total Due	Balance Due
2023				1,174,500.00	10.6%	124,144.65	124,144.65
2024	1,174,500.00		29,362.50	1,203,862.50	10.6%	127,248.27	127,248.27
2025	1,203,862.50		30,096.56	1,233,959.06	10.6%	130,429.47	130,429.47
2026	1,233,959.06		30,848.98	1,264,808.04	10.6%	133,690.21	133,690.21
2027	1,264,808.04		31,620.20	1,296,428.24	10.6%	137,032.46	137,032.46
2028	1,296,428.24		32,410.71	1,328,838.95	10.6%	140,458.28	140,458.28
2029	1,328,838.95		33,220.97	1,362,059.92	10.6%	143,969.73	143,969.73
2030	1,362,059.92		34,051.50	1,396,111.42	10.6%	147,568.98	147,568.98
2031	1,396,111.42		34,902.79	1,431,014.20	10.6%	151,258.20	151,258.20
2032	1,431,014.20		35,775.36	1,466,789.56	10.6%	155,039.66	155,039.66
2033	1,466,789.56		36,669.74	1,503,459.30	10.6%	158,915.65	158,915.65
2034	1,503,459.30		37,586.48	1,541,045.78	10.6%	162,888.54	162,888.54
2035	1,541,045.78		38,526.14	1,579,571.92	10.6%	166,960.75	166,960.75
2036	1,579,571.92		39,489.30	1,619,061.22	10.6%	171,134.77	171,134.77
2037	1,619,061.22		40,476.53	1,659,537.75	10.6%	175,413.14	175,413.14
2038	1,659,537.75		41,488.44	1,701,026.20	10.6%	179,798.47	179,798.47
2039	1,701,026.20		42,525.65	1,743,551.85	10.6%	184,293.43	184,293.43
2040	1,743,551.85		43,588.80	1,787,140.65	10.6%	188,900.77	188,900.77
2041	1,787,140.65		44,678.52	1,831,819.16	10.6%	193,623.29	193,623.29
2042	1,831,819.16		45,795.48	1,877,614.64	10.6%	198,463.87	198,463.87
2043	1,877,614.64		46,940.37	1,924,555.01	10.6%	203,425.46	203,425.46
2044	1,924,555.01		48,113.88	1,972,668.88	10.6%	208,511.10	208,511.10
2045	1,972,668.88		49,316.72	2,021,985.61	10.6%	213,723.88	213,723.88
2046	2,021,985.61		50,549.64	2,072,535.25	10.6%	219,066.98	219,066.98
2047	2,072,535.25		51,813.38	2,124,348.63	10.6%	224,543.65	224,543.65

2.5%

Year	Payroll	Cola	Step	Total Payroll	LEOPS			Balance Due
					Rate	Total Due	Credit	
2023				1,174,500.00	36.0%	422,820.00	(85,523.00)	337,297.00
2024	1,174,500.00		29,362.50	1,203,862.50	36.0%	433,390.50	(85,523.00)	347,867.50
2025	1,203,862.50		30,096.56	1,233,959.06	36.0%	444,225.26	(85,523.00)	358,702.26
2026	1,233,959.06		30,848.98	1,264,808.04	36.0%	455,330.89	(85,523.00)	369,807.89
2027	1,264,808.04		31,620.20	1,296,428.24	36.0%	466,714.17	(85,523.00)	381,191.17
2028	1,296,428.24		32,410.71	1,328,838.95	36.0%	478,382.02	(85,523.00)	392,859.02
2029	1,328,838.95		33,220.97	1,362,059.92	36.0%	490,341.57	(85,523.00)	404,818.57
2030	1,362,059.92		34,051.50	1,396,111.42	36.0%	502,600.11	(85,523.00)	417,077.11
2031	1,396,111.42		34,902.79	1,431,014.20	36.0%	515,165.11	(85,523.00)	429,642.11
2032	1,431,014.20		35,775.36	1,466,789.56	36.0%	528,044.24	(85,523.00)	442,521.24
2033	1,466,789.56		36,669.74	1,503,459.30	36.0%	541,245.35	(85,523.00)	455,722.35
2034	1,503,459.30		37,586.48	1,541,045.78	36.0%	554,776.48	(85,523.00)	469,253.48
2035	1,541,045.78		38,526.14	1,579,571.92	36.0%	568,645.89	(85,523.00)	483,122.89
2036	1,579,571.92		39,489.30	1,619,061.22	36.0%	582,862.04	(85,523.00)	497,339.04
2037	1,619,061.22		40,476.53	1,659,537.75	36.0%	597,433.59	(85,523.00)	511,910.59
2038	1,659,537.75		41,488.44	1,701,026.20	36.0%	612,369.43	(85,523.00)	526,846.43
2039	1,701,026.20		42,525.65	1,743,551.85	36.0%	627,678.67	(85,523.00)	542,155.67
2040	1,743,551.85		43,588.80	1,787,140.65	36.0%	643,370.63	(85,523.00)	557,847.63
2041	1,787,140.65		44,678.52	1,831,819.16	36.0%	659,454.90	(85,523.00)	573,931.90
2042	1,831,819.16		45,795.48	1,877,614.64	36.0%	675,941.27	(85,523.00)	590,418.27
2043	1,877,614.64		46,940.37	1,924,555.01	36.0%	692,839.80	(85,523.00)	607,316.80
2044	1,924,555.01		48,113.88	1,972,668.88	36.0%	710,160.80	(85,523.00)	624,637.80
2045	1,972,668.88		49,316.72	2,021,985.61	36.0%	727,914.82	(85,523.00)	642,391.82
2046	2,021,985.61		50,549.64	2,072,535.25	36.0%	746,112.69	(85,523.00)	660,589.69
2047	2,072,535.25		51,813.38	2,124,348.63	36.0%	764,765.51	(85,521.00)	679,244.51

Rate changes depending on how the fund is doing