



City of Hamilton
GENERAL ISSUES COMMITTEE ADDENDUM

Meeting #: 19-025
Date: November 29, 2019
Time: 9:30 a.m.
Location: Council Chambers, Hamilton City Hall
71 Main Street West

Stephanie Paparella, Legislative Coordinator (905) 546-2424 ext. 3993

	Pages
3. APPROVAL OF MINUTES OF PREVIOUS MEETING	
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**GENERAL ISSUES COMMITTEE
(2020 RATE BUDGET)
MINUTES 19-025**

9:30 a.m.
November 25, 2019
Council Chambers
Hamilton City Hall
71 Main Street West

Present: Deputy Mayor M. Wilson
Councillors J. Farr, N. Nann, C. Collins, T. Jackson, E. Pauls, J.P. Danko,
B. Clark, M. Pearson, L. Ferguson, A. VanderBeek

Absent: Mayor F. Eisenberger – Other City Business
Councillors B. Johnson, J. Partridge and S. Merulla – Other City Business
Councillor T. Whitehead – Personal

THE FOLLOWING ITEMS WERE REFERRED TO COUNCIL FOR CONSIDERATION:

1. **Alectra Utilities Water, Wastewater and Storm 2019 Service Activity Report (FCS19069) (City Wide) (Item 8.1)**

(Collins/Jackson)

That Report FCS19069, respecting Alectra Utilities Water, Wastewater and Storm 2019 Service Activity Report, be received.

CARRIED

2. **2020 Recommended Water, Wastewater and Stormwater Budget (FCS19070) (City Wide) (Item 8.2)**

(Pearson/Ferguson)

- (a) That the metered water consumption charges for residential properties in the City of Hamilton be imposed at the following rates, effective January 1, 2020:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.83
10 +	1.64

- (b) That the metered water consumption charge for commercial, industrial, institutional and multi-residential (bulk meter) properties in the City of Hamilton be imposed at the rate of **\$1.64** per cubic metre, effective January 1, 2020;
- (c) That daily water fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2020:

Meter Size	Daily Water Rate
15 mm	\$0.37
16 mm	\$0.37
20 mm	\$0.37
21 mm	\$0.37
25 mm	\$0.93
38 mm	\$1.85
50 mm	\$2.96
75 mm	\$5.92
100 mm	\$9.25
150 mm	\$18.50
200 mm	\$29.60
250 mm	\$42.55
300 mm	\$62.90

- (d) That the wastewater / storm treatment charges for residential properties in the City of Hamilton be imposed at the following rates, effective January 1, 2020:

Monthly Water Consumption (m3)	Rate (\$/m3)
0 – 10	0.88
10 +	1.75

- (e) That the wastewater / storm treatment charge for all commercial, industrial, institutional and multi-residential (bulk meter) properties in the City of Hamilton be imposed at the rate of \$1.75 per cubic metre, effective January 1, 2020;
- (f) That daily wastewater /storm fixed charges for all properties in the City of Hamilton be imposed at the following rates, effective January 1, 2020:

Meter Size	Daily Wastewater / Storm Rate
15 mm	\$0.39
16 mm	\$0.39
20 mm	\$0.39
21 mm	\$0.39
25 mm	\$0.98
38 mm	\$1.95
50 mm	\$3.12
75 mm	\$6.24
100 mm	\$9.75
150 mm	\$19.50
200 mm	\$31.20
250 mm	\$44.85
300 mm	\$66.30

- (g) That the residential non-metered annual water rate be imposed at the flat rate of \$594.95 per annum, effective January 1, 2020;
- (h) That the residential non-metered annual wastewater / storm rate be imposed at the flat rate of \$638.75 per annum, effective January 1, 2020;
- (i) That the residential combined non-metered annual water and wastewater / storm rate be imposed at the flat rate of \$1,233.70 per annum, effective January 1, 2020;
- (j) That the Private Fire Line rates be imposed at the following rates, effective January 1, 2020:

Connection Size		Monthly Rate
mm	inches	
25	1.0	\$3.60
38	1.5	\$8.28
50	2.0	\$14.40
75	3.0	\$32.40
100	4.0	\$57.60
150	6.0	\$129.60
200	8.0	\$230.40
250	10.0	\$230.40
300	12.0	\$230.40

- (k) That the 2020 Water, Wastewater and Storm Proposed User Fees and Charges be imposed as per Appendix “G”, **as amended**, to Report FCS19070, effective January 1, 2020;
- (l) That charges for raw water supplied to 690 Strathearne Avenue North by the City of Hamilton be imposed at the following rates, effective January 1, 2020:
- (i) metered raw water at the rate of **\$0.123** per cubic metre;
- (ii) daily raw water fixed charges at the following rates:

Meter Size	Daily Rate
200 mm	\$31.20

- (iii) 2020 annual fee of \$18,500 for the purpose of a private raw water pipeline owned by AMLPC to convey raw water supplied by the City to 690 Strathearne Avenue North;
- (m) That the 2020 Water, Wastewater and Stormwater Rate Supported Operating Budget in the amount of **\$233,011,802** be approved as per Appendix “A”, **as amended**, to Report FCS19070;
- (n) That the long-term financing plan for the Water, Wastewater and Stormwater programs and related rate increases required to meet sustainable financing as identified in the 2020-2029 Water, Wastewater and Stormwater Rate Supported Operating Budget forecast (Appendix “A”, **as amended**, to Report FCS19070) be approved, in principle;
- (o) That the 2020 Water, Wastewater and Stormwater Rate Supported Capital Budget and Financing Plan in the amount of \$329,981,000 be approved as per Appendices “K”, “N”, **as amended**, “Q” and “S”, **as amended**, to Report FCS19070;
- (p) That the 2020-2029 Water, Wastewater and Stormwater Rate Supported Capital Budget forecast and financing plan (Appendix “I” to Report FCS19070) be approved, in principle;
- (q) That the City Solicitor be authorized and directed to prepare, for Council approval, all necessary by-laws respecting the 2020 water and wastewater / storm user fees, charges and rates set out in recommendations (a) through (l) of Report FCS19070;

- (r) That the additional **12.0** Full Time Equivalent Rate Supported Staffing be approved as per Appendix “F”, **as amended**, to Report FCS19070;
- (s) That the General Manager, Finance and Corporate Services, be authorized to negotiate and confirm the terms and placement of all debenture issue(s), and / or private placement debenture issue(s), in either a public or private market and / or bank loan agreements and debenture issue(s) and / or variable interest rate bank loan agreements and debenture issue(s), in an amount not to exceed \$83,678,000 as attached in Appendices “K”, “N”, **as amended**, and “Q” to Report FCS19070, which includes \$16,900,000 in Rate Supported municipal debt and \$66,778,000 in Rate Supported Development Charges municipal debt;
- (t) That the General Manager, Finance and Corporate Services, be authorized to engage the services of all required professionals to secure the terms and issuance of the debenture issue(s) described in subsection (s) including, but not limited to, external legal counsel, fiscal agents and Infrastructure Ontario’s Loan Program;
- (u) That the General Manager, Finance and Corporate Services, Mayor and City Clerk are each authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents requiring their respective signatures, to secure the terms and issuance of the debenture issue(s) described in subsections (s) and (t), in a form satisfactory to the City Solicitor;
- (v) That the Mayor and City Clerk are authorized and directed to enter into and / or execute, on behalf of the City of Hamilton, all agreements and necessary ancillary documents not requiring any specific signing authority, to secure the terms and issuance of the debenture issue(s) described in subsections (s) and (t), in a form satisfactory to the City Solicitor and with content acceptable to the General Manager, Finance and Corporate Services; and,
- (w) That all necessary By-Law(s) be passed to authorize the debenture issue(s) negotiated, placed and secured, as they relate to the 2020 Water, Wastewater and Stormwater Budget, in accordance with subsections (s) and (t) to Report FCS19070.

Result: Main Motion, AS AMENDED, CARRIED by a vote of 11 to 0, as follows:

YES - Ward 2 Councillor Jason Farr
YES - Ward 3 Councillor Nrinder Nann
NOT PRESENT - Ward 4 Councillor Sam Merulla
YES - Ward 5 Councillor Chad Collins

YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Deputy Mayor - Ward 1 Councillor Maureen Wilson
 NOT PRESENT - Mayor Fred Eisenberger
 NOT PRESENT - Ward 15 Councillor Judi Partridge
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeeck
 YES - Ward 12 Councillor Lloyd Ferguson
 NOT PRESENT - Ward 11 Councillor Brenda Johnson
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 9 Councillor Brad Clark

FOR INFORMATION:

(a) APPROVAL OF AGENDA (Item 2)

The Committee Clerk advised of the following change to the agenda:

1. DELEGATION REQUESTS (Item 5)
 - (i) Don McLean, respecting Item 8.2 on this agenda – Report FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget.

(Danko/Pauls)

That the agenda for the November 25, 2019 General Issues Committee (Rate Budget) meeting, be approved, as amended.

Result: Motion CARRIED by a vote of 9 to 0, as follows:

NOT PRESENT - Ward 1 Councillor Maureen Wilson
 NOT PRESENT - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Ward 2 Councillor Jason Farr
 NOT PRESENT - Mayor Fred Eisenberger
 NOT PRESENT - Ward 15 Councillor Judi Partridge
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeeck
 YES - Ward 12 Councillor Lloyd Ferguson

NOT PRESENT - Ward 11 Councillor Brenda Johnson
YES - Ward 10 Councillor Maria Pearson
YES - Ward 9 Councillor Brad Clark

(b) DECLARATIONS OF INTEREST (Item 3)

There were no declarations of interest.

(c) PUBLIC HEARING / DELEGATIONS (Item 7)

- (i) Don McLean, respecting Item 8.2 on this agenda – Report FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget Item (Item 7.1)**

Don McLean addressed Committee respecting Report FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget.

(Farr/Nann)

That the delegation respecting Report FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget, be received.

CARRIED

(d) STAFF PRESENTATIONS (Item 8)

- (i) Alectra Utilities Water, Wastewater and Storm 2019 Service Activity Report (FCS19069) (City Wide) (Item 8.1)**

Eileen Campbell, Vice President of Customer Service, Alectra Utilities, addressed Committee and provided a PowerPoint presentation respecting Report FCS19069 - Alectra Utilities Water, Wastewater and Storm 2019 Service Activity Report, and answered questions of Committee.

(VanderBeek/Ferguson)

That the presentation, respecting Report FCS19069 - Alectra Utilities Water, Wastewater and Storm 2019 Service Activity Report, be received.

CARRIED

A copy of the presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

For disposition of this matter, please refer to Item 1.

(ii) **2020 Recommended Water, Wastewater and Stormwater Budget (FCS19070) (City Wide) (Item 8.2)**

Andrew Grice, Director of Hamilton Water; and, Brian McMullen, Director, Financial Planning & Policy, provided a PowerPoint presentation respecting Report FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget, and answered questions of Committee.

(Pearson/Danko)

That the presentation, respecting Item FCS19070 - 2020 Recommended Water, Wastewater and Stormwater Budget, be received.

CARRIED

A copy of the presentation is available on the City's website at www.hamilton.ca or through the Office of the City Clerk.

(1) **Enhanced Inspections and Monitoring - Hamilton Water and Wastewater**

(Danko/Pauls)

That the Motion, respecting Enhanced Inspections and Monitoring - Hamilton Water and Wastewater, be DEFERRED to the next GIC Rate Budget meeting.

Result: Motion DEFEATED by a vote of 7 to 4, as follows:

NO - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 NO - Ward 5 Councillor Chad Collins
 NO - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Deputy Mayor - Ward 1 Councillor Maureen Wilson
 NOT PRESENT - Mayor Fred Eisenberger
 NOT PRESENT - Ward 15 Councillor Judi Partridge
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 NO - Ward 13 Councillor Arlene VanderBeek
 NO - Ward 12 Councillor Lloyd Ferguson
 NOT PRESENT - Ward 11 Councillor Brenda Johnson
 NO - Ward 10 Councillor Maria Pearson
 NO - Ward 9 Councillor Brad Clark

(Jackson/Clark)

WHEREAS, Hamilton Water operates 2 wastewater treatment plants, 71 wastewater pumping stations, 9 combined sewer overflow tanks, 1 water treatment plant, 21 water pumping stations, 13 reservoirs, 7 water towers, and 4 well systems, and;

WHEREAS, Hamilton Water is heavily reliant on automated systems to remotely monitor facility and process operations, including the identification of operational problems.

THEREFORE, BE IT RESOLVED:

- (a) That Appendix “F” to Report FCS19070, respecting 2020 Recommended Water, Wastewater and Stormwater Budget, be amended by adding 5 additional Full Time Equivalent Rate Supported staff consisting of the following:
 - (i) 4 (four) Maintenance Operators to improve the routine physical inspection and preventative maintenance programs for Hamilton Water infrastructure including water and wastewater treatment plants, pumping stations, reservoirs, water towers, well systems and combined sewer overflow tanks, at a gross annual cost of \$383,000;
 - (i) 1 (one) Water Quality Technologist to sample and analyse water and wastewater quality, and equipment/process related data, at a gross annual cost of \$114,000;
- (b) That staff be directed to report back to the Public Works Committee 1 (one) year after implementation of the additional 5 FTEs, for the maintenance of the water and wastewater facilities/equipment and water quality control, with information regarding the program improvements and the associated benefits that have been realized;
- (c) That staff be directed to include, in the new real time public notice protocol, the 14 monitored CSO overflow points for discharge to the natural environment; and,
- (d) That staff be directed to report back to the Public Works Committee in in 6 months with a matrix, stakeholder / partnership arrangements and testing locations, as it relates to enhanced inspections and monitoring for Hamilton water and wastewater.

Result: *Amendment CARRIED by a vote of 11 to 0, as follows:*

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Deputy Mayor - Ward 1 Councillor Maureen Wilson
 NOT PRESENT - Mayor Fred Eisenberger
 NOT PRESENT - Ward 15 Councillor Judi Partridge
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 NOT PRESENT - Ward 11 Councillor Brenda Johnson
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 9 Councillor Brad Clark

(2) *Upgraded the Strategy for 2020 to Maximize the Wastewater Capacity as it relates to the Proposed Developments in the AEGD and Surrounding Developments*

(Ferguson/VanderBeek)

WHEREAS, the City's 2019 Development Charge (DC) Background Study in Table F-3 in the Airport Employment Growth District (AEGD) section had listed Project ID MH22-S-19 (HC019 and HC018 Upgrade Strategy) in the amount of \$10.9M (100% growth - split of 63% residential and 37% non-residential, linear wastewater);

WHEREAS, City Council, at its meeting of December 13, 2018, had approved \$11M be added to the City's 2019 Rates Capital Budget (funded \$6.93M from the City's Linear Wastewater Residential DC Reserve 110340 and \$4.07M from the City's Linear Wastewater Non-Residential DC Reserve 110341); and,

WHEREAS, City staff and Engineering Consultants GM BluePlan Engineering Limited have upgraded the strategy for 2020 to maximize the wastewater capacity as it relates to the proposed developments in the AEGD and surrounding developments;

THEREFORE, BE RESOLVED:

That increased funding in the amount of \$4M be added to the 2020 Recommended Water, Wastewater and Stormwater Capital Budget

(Project ID 5161967123 – AEGD Growth Initiatives); increasing the Rate Supported 2020 Capital Budget Recommended amount from \$325,981,000 to \$329,981,000, to be funded as follows:

- (i) \$2,520,000 from the City's Linear Wastewater Residential DC Reserve 110340; and,
- (ii) \$1,480,000 from the City's Linear Wastewater Non-Residential DC Reserve 110341.

Result: *Amendment CARRIED by a vote of 11 to 0, as follows:*

YES - Ward 2 Councillor Jason Farr
 YES - Ward 3 Councillor Nrinder Nann
 NOT PRESENT - Ward 4 Councillor Sam Merulla
 YES - Ward 5 Councillor Chad Collins
 YES - Ward 6 Councillor Tom Jackson
 YES - Ward 7 Councillor Esther Pauls
 YES - Ward 8 Councillor John-Paul Danko
 YES - Deputy Mayor - Ward 1 Councillor Maureen Wilson
 NOT PRESENT - Mayor Fred Eisenberger
 NOT PRESENT - Ward 15 Councillor Judi Partridge
 NOT PRESENT - Ward 14 Councillor Terry Whitehead
 YES - Ward 13 Councillor Arlene VanderBeek
 YES - Ward 12 Councillor Lloyd Ferguson
 NOT PRESENT - Ward 11 Councillor Brenda Johnson
 YES - Ward 10 Councillor Maria Pearson
 YES - Ward 9 Councillor Brad Clark

For further disposition of this matter, please refer to Item 2.

(f) ADJOURNMENT (Item 5)

(Ferguson/Pauls)

That there being no further business, the General Issues Committee be adjourned at 1:27 p.m.

CARRIED

Respectfully submitted,

Deputy Mayor M. Wilson
 Chair, General Issues Committee

Stephanie Paparella
 Legislative Coordinator,
 Office of the City Clerk


HAMILTON POLICE SERVICES BOARD

155 King William Street
 P.O. Box 1060, LCD 1
 Hamilton, ON L8N 4C1

Tel. (905) 546-2727
 Fax (905) 546-4720

DATE: November 22, 2019

TO: Stephanie Paparella, Legislative Coordinator, Office of the City Clerk

FROM: Lois Morin, Administrator

SUBJECT: **HPS Projected Capital Expenditures: 2020-2029 (PSB 19-103)(See also: PSB 15-002, PSB 15-002a, PSB 15-002x, PSB 16-113, PSB 17-122, PSB 18-108)**

Subjoined for your information and attention please find a copy of the resolution and report respecting the above, which was approved by the Police Services Board at its Public meeting held on Thursday, November 14, 2019.

: lem

Attachment(1)

cc. Chief Eric Girt
 Anna Filice, Chief Administrative Officer
 John Randazzo, Director, Finance
 Dan Bowman, Director, Fleet, Facilities & Procurement
 Ross Memmolo, Director, Information Technology

5.2 HPS Projected Capital Expenditures: 2020-2029 (PSB 19-103) (See also: PSB 15-002, PSB 15-00a, PS 15-002x, PSB 16-113, PSB 17-122, PSB 18-108)

After discussion, as recommended by Chief Girt, in PSB 19-103 dated November 14, 2019, the Board approved the following:

Moved by: Member Jackson
 Seconded by: Member Elms

1. That the Hamilton Police Service Board approves the list of 2020-2029 Projected Police Capital Expenditures.
2. That the Hamilton Police Service Board approves items 1 to 4 to be considered by the City of Hamilton for funding in 2020.
3. That the Hamilton Police Service Board forwards the approved plan to the City of Hamilton for inclusion in the 2020-2029 Capital Budget Plan.

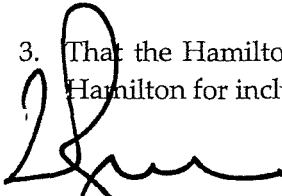
Carried.

5.2**HAMILTON POLICE SERVICES BOARD****- RECOMMENDATION -**

DATE: 2019 November 14
REPORT TO: Chairman and Members
 Hamilton Police Services Board
FROM: Eric Girt
 Chief of Police
SUBJECT: *HPS Projected Capital Expenditures: 2020 – 2029*
(PSB 15-002, PSB 15-002a, PSB 15-002x, PSB 16-113, PSB 17-122, PSB 18-108)
PSB 19-103

RECOMMENDATION:

1. That the Hamilton Police Service Board approves the list of 2020-2029 Projected Police Capital Expenditures.
2. That the Hamilton Police Service Board approves items 1 to 4 to be considered by the City of Hamilton for funding in 2020.
3. That the Hamilton Police Service Board forwards the approved plan to the City of Hamilton for inclusion in the 2020-2029 Capital Budget Plan.



Frank Bergen
 Acting Chief of Police

FINANCIAL / STAFFING / LEGAL IMPLICATIONS:

FINANCIAL – See details below.

STAFFING – n/a

LEGAL – n/a

BACKGROUND:

Each year the City of Hamilton (the City) requests that the Hamilton Police Service (HPS) identify capital projects for the next 10 years. These projects are submitted to the City for consideration, priority and funding approval through the City's annual capital budget process.

The following is projection of expected capital expenditures for the next 10 years. This report includes a brief description of each item, the recommended year of acquisition, as well as the estimated total cost for each project.

1. 2020 – Computer Aided Dispatch (CAD) – Phase 2 Upgrade: \$200,000

The CAD is a highly specialized software application that allows for the coordinated communication, assignment and tracking of calls-for-service. It provides police with tools to improve incident management, increase efficiency, deploy and manage resources, enhance operations and respond with speed and efficiency. The CAD upgrade is a two-phase project. Phase 1 upgrade, through PSB 18-108, was approved and included in the City's 2019 Capital Budget, with a cost of \$300,000 and expected completion in 2019. The phase 2 upgrade to CAD software will be deployed in 2020, with an estimated cost of \$200,000. The upgrade includes the CAD system for the radio room and the application that runs in the patrol vehicles. The cost includes all professional services (ie. implementation, training and support). The upgrade is required in order to adapt more quickly to changing demands and technologies and remain current for support.

2. 2020 – 2026 – Roof Replacement – Police Stations - \$2,125,000

As part of the City's Building Condition Assessment Program and Stantec's Facilities Condition Report (July 2016), the roofing systems at Central, East End and Mountain Police Stations are in a need to get replaced and/or repaired as they have exceeded or are approaching their useful life expectancy. There are significant leaks during inclement weather that could potentially lead to mold and unnecessary damage to the building envelope, interior walls, ceilings and systems. The roof replacement is an on-going multi-year project that began in 2019. Through PSB 18-108, the 2019 roof replacement costs for Central and East End Stations were approved and budgeted as part of the City's 2019 Capital Budget, funded through debt financing. The 2019 approved budget was originally \$250,000 for Central and \$200,000 for East End Station.

The 4-year roof replacement plan initially presented in 2018, included allocations of \$250,000 in 2019 and \$200,000 in 2020 for Central and \$200,000 in 2019 for East End Station. The roof consultant, after examining both roofs, recommended a significant cost savings for work to be completed first at Central in 2019 and defer East End roof repairs to 2020. Therefore, HPS has used the \$200,000 initially intended for East End towards Central roof repairs in 2019 and delayed East End repairs to 2020. As such, a total of \$400,000 is budgeted for East End Station in 2020, an increase of \$200,000 from 2019 approved amount. The increase is due to extensive repairs being more significant than originally anticipated. No additional roofing will be required for the East End station after the roofing project is completed in 2020. As for the Central Station, two separate roofing projects have been identified in order to entirely complete and repair Central roof. Thus, \$200,000 budgeted for 2021 and \$225,000 for 2022. Furthermore, it is projected that Mountain Station roof will require repairs in 2026 at an estimated cost of \$1,300,000. The cost is significantly higher than Central and East End Stations due to roofing system being more complex. A consideration should be given to budget an annual amount of approximately \$216,000 a year, starting in 2021.

The deployment strategy along with the projected costs for all Police Stations is shown in table below.

Police Station	2020	2021	2022	2026
Central Station – Division 1	\$0	\$200,000	\$225,000	\$0
East End Station – Division 2	\$400,000	\$0	\$0	\$0
Mountain Station – Division 3	\$0	\$0	\$0	\$1,300,000

3. 2020 – 2024 – Personal Issued Portable Radio Replacement (PIPR): \$5,520,000

Personal issued portable radios and the mobile communications devices in each vehicle will need to be replaced. The current portable radios have reached their expected useful life. Though some units may have extended life, failures and repairs will escalate as the equipment ages and parts become unavailable.

Similarly, the mobile communication devices, which are fixed to each patrol vehicle and enables voice communications in the vehicle, will also need to be replaced.

Based on the newly negotiated contract with Motorola, the below table shows the deployment strategy along with the projected costs, which include the 25% projected discount given as part of the newly negotiated contract.

	2020	2021	2022	2023	2024
PIPR	\$480,000	\$840,000	\$1,400,000	\$1,400,000	\$1,400,000

4. 2020 – Basement Superstructure & Brick Repairs – Central Police Station - \$200,000

Similarly, the Stantec's Facilities Condition Report identifies the need to repair basement superstructure and brick mortar joints for Central Police Station, in order to stop water migration through foundation walls/joints. If left untreated, this could potentially result in significant safety issues and costly repairs to replace damaged bricks.

5. 2020 – Space Feasibility Study: \$500,000

In anticipation of the new Investigative Services Division (ISD) building coming online in May 2020 and relocation of all ISD staff, a space study was conducted during 2019 to look at ways in which the vacated spaces in our existing buildings can be used or modified to better meet the operational needs in both the short and long-term. The objectives of the space review are to determine overall space needs for all of our facilities in the next several years, along with the development of recommendations and their costs. The HPS is still finalizing the space feasibility study which will provide the framework to accommodate future

growth of not just HPS itself, but also the continued population growth in the City and its surrounding areas. While a budget has not been identified for the complete multi-year project, a guideline of \$500,000 in 2020 is being recommended for the purposes of the initial relocation of some staff and equipment into vacated spaces, and to complete the final stages and costings of the space review.

6. 2021 – Air-Cooled Chiller Replacement – East End Police Station - \$500,000

As part of the Stantec's Facilities Condition Report, the chiller system at the East End Station will need to be replaced as it has surpassed its useful life. Three out of the eight compressors have already failed and a complete replacement is required. The current system can be replaced at a lesser cost; however, it is recommended that this dated system be replaced with more energy efficient centralized chiller for a total cost of \$500,000. The replacement will result in substantial reduction of energy costs and future maintenance costs, resulting in return on investment of approximately 4 years.

7. 2021 – Mobile Command Centre: \$750,000

Due to the population growth in the City, as well as an increase in special events, a new Mobile Command Centre is needed as the older vehicle is insufficient in size and does not meet the demand. The new Command Centre will be used for large-scale incidents that require extended time demand (those requiring a number of officers and public-service agencies), including hostage situations, active shooter calls, mass-casualty incidents, task-force operations, major homicide and missing persons investigations. Mobile Command also requires specialized equipment, TV monitors, tactical gear and supplies. It is to be used as a centralized place for agency officials to meet/talk on scene (EMS, Hydro, Gas, Fire Marshall, etc.), and is the hub for managing major events at the actual scene.

8. 2021 - Ice Rescue Equipment: \$80,000

With the Waterfront renewal at the Harbour, there is growth and increased popularity of recreational ice usage. The City also has a number of conservation areas with bodies of water that are used in winter months. During the winter months ice rescue is performed by the HPS Marine Unit. The Marine Unit is responsible for all bodies of water within the City. The necessity to respond rapidly and appropriately is required. To optimize the HPS' ability to meet these requirements, the Marine Unit would require a vessel/vehicle capable of immediate deployment for both water and land terrain. The best suited tool that meets these requirements is a two to three person hovercraft. The vehicle is able to travel on land, water and ice and has the ability to reach speeds that allow officers to access victims in a timely manner. In addition, it would be a valuable tool for ground search and rescue.

9. 2021 – 2022 – Glock Program: \$704,000

The HPS is transitioning from 40 Caliber magazine to a Glock 9mm Platform in order to be in-line with the transition identified within the Province. A large number of Police and Military services use or are transitioning to the Glock 9mm Platform, which is a standard round for a number of agencies such as NATO, the Canadian Armed Forces, the RCMP and

the FBI. This is a two-year replacement plan, starting in 2021 with an estimated annual cost of \$422,000. The phase 2 will be deployed in 2022, with an estimated annual cost of \$282,000. The 9mm round yields more accuracy of the shooter due to reduced recoil on the firearm while being operated. The Glock 9mm Platform deploys a large compliment of ammunition when compared to 40 Caliber magazine, 17 rounds vs. 15 rounds respectively.

10. 2021 – 2023 – Next Generation (NG) 9-1-1: \$2,000,000

The Canadian Radio-Television and Telecommunications Commission (CRTC) requires telecommunications service providers to be ready to offer a NG9-1-1 voice service to Public Safety Answering Points (PSAP) by June 2020. This mandate also identifies the need for NG9-1-1 text messaging by December 2020. Other NG9-1-1 services, such as the delivery of photos and videos, are expected to follow in subsequent years based on industry working group recommendations and 911 PSAP ability to support them. As a result of this transition from basic 911 system to NG9-1-1 system, the HPS is anticipating a total of \$2,000,000 to be incurred between 2021 and 2023. This is to be used towards the HPS staff training & equipment leading to go-live. There could be additional unavoidable costs associated with implementation and operation of the system which are unknown at this stage. The new NG9-1-1 system will display to the 911 Call Taker the caller's location and all the other associated information, such as caller's phone number. The NG9-1-1 is capable of transferring the location information automatically to emergency responders dispatch systems, which will assist and speed up the response time.

11. 2025 - Police Station 40 (New Division 4): \$25,000,000

Due to current and anticipated population growth in rural areas of the Hamilton escarpment, there is an anticipated need for a new patrol division and the construction of a new station (Division 4, Station 40). This is identified in the HPS Business Plan and is based on current and projected rural population growth in Binbrook, the Hamilton Airport/Mount Hope, Ancaster, Dundas, Waterdown and Flamborough. Division 3 currently covers the largest geographic area in the City. It stretches from the borders of Halton Region, Wellington County, Brant County, Haldimand Region to Stoney Creek mountain.

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