SPECIAL COUNCIL MEETING FOR BUDGET PURPOSES

Monday, November 30, 2020 at 1:00 PM
Fraser River Presentation Theatre
4th Floor, 20338 – 65 Avenue, Langley, BC

AGENDA

A. ADOPTION AND RECEIPT OF AGENDA ITEMS

A.1 **Special Council Meeting for Budget Purposes Agenda - November 30, 2020**

Recommendation: That Council adopt the agenda and receive the agenda items of the Special Council Meeting for Budget Purposes held November 30, 2020.

B. PRESENTATIONS

B.1 **2021 Draft Budget Presentation**

Recommendation: That Council receive the presentation by staff regarding the 2021 Draft Budget.

Attachments: memo to council re 2021 Budget Process.pdf
Nov 30, 2020 Budget.pdf
Draft 2021 Capital Budget.pptx

C. BYLAWS FOR FINAL ADOPTION

C.1 **Election and Political Signs Bylaw Amendment**
Bylaw No. 5697
File ADM 3900-25

Recommendation: That Council give final reading to "Election and Political Signs Bylaw 2015 No. 5034 Amendment Bylaw 2020 No. 5679".

Explanation - Bylaw No. 5697

Bylaw 2020 No. 5679 amends the Election and Political Signs Bylaw 2015 No. 5034. The bylaw amends the starting date for the duration of placement of Local Government Election signage to be 21 days prior to the general voting day.

Attachments: C.1 Bylaw 5697 - Election Sign Bylaw Amendment.pdf

D, OTHER BUSINESS

E. TERMINATE

Township of Langley

Est. 1873

M E M O R A N D U M

TO:	MAYOR AND COUNCIL	**DATE:**	NOVEMBER 26, 2020
FROM:	CHIEF ADMINISTRATIVE OFFICER	**FILE NO:**	1700-01

SUBJECT: 2021 BUDGET PROCESS

We are pleased to enclose for you the preliminary, or Phase 1, materials for our Budget 2021.

As you may recall, historically we have started with the Capital Budget and then moved onto the Operating Budget. We will be following a similar process this year, however, with the input of the Director and Deputy Director of Finance we have changed the process somewhat to begin with more of an overview of our financial situation and then a deeper dive into the Capital Budget.

On December 14, 2020 we anticipate returning with more detail on the Operating Budget. At that time Council will also receive additional information as to the Operating Budgets, Capital Program and carry-forwards. What sets this year apart, however, is of course the Covid-19 Pandemic and the implication for our expenses and revenues.

We seek to emphasize that this is the beginning of the process and that we are not seeking any Council decisions on November 30, 2020, other then to determine if December 14, 2020 is the next appropriate date for a meeting.

We are hopeful that providing you with the materials somewhat earlier it will give you some chance to reflect on the opportunities and challenges that exist and determine which areas require furthermore in-depth exploration.

Ultimately, if Council can provide Staff with the areas to focus on and target we can provide additional analysis to help us provide recommendations to conclude the budget process in an orderly fashion.

Thank you for your time and attention in this important matter.

Township of Langley
Est. 1873

M E M O R A N D U M

TO:	MAYOR AND COUNCIL	**DATE:**	NOV 30, 2020
FROM:	SANDRA RUFF DIRECTOR OF FINANCE	**FILE NO:**	1700-60
SUBJECT:	DRAFT 2021 CAPITAL BUDGET OVERVIEW		

Please find attached, for Council consideration, a Capital Information package in support of an Overview Presentation scheduled for Monday, November 30, 2020, in a budget workshop format. The attached budget package includes:

Capital

- Summary of 2021 Capital Requests (by area)
- Project sheets describing each 2021 capital request

DISCUSSION

CAPITAL BUDGET

The 2021 Capital Budget is the first year of a five-year financial plan for investments in the Township's facilities and infrastructure. All Township services, from parks and community facilities, to streets, sidewalks, water and sanitary sewer, require buildings and other infrastructure to support them.

The capital program is partially funded from General and Utility Fund revenues with the majority of funding coming from sources such as reserves and surplus, development cost charge receipts, senior government grants, local area service funds and, as a last resort, from debt financing.

Ranking Guideline

To assist Council in their decision-making, all Capital projects have been ranked by project managers and reviewed by their respective Director or General Manager. Managers used a guideline that included critical, high, medium, and low. Most projects that were funded from available sources ranked critical and/or high. When a project was ranked critical or high and had no identifiable funding source, it was prioritized against other unfunded high priority projects for funding from Prior Year Surplus (PYS), and other reserves and surplus on a Township wide basis.

Projects Inside and Outside of Available Funding Sources

The format of the presentation will be to show projects currently ***Inside*** the available funding sources on the top half of the page and projects currently ***Outside*** the available funding sources on the bottom half.

Annual Operating Contribution to Capital

For purposes of this review staff have maintained the annual contribution to capital at the 2020 levels with no increases requested.

Reserves and Surplus

With a few exceptions, the Township operating budget does not include budgeted transfers to capital reserves. Most increases in capital reserves come from capital surplus (capital projects that come in under budget) or operating surplus, also known as Prior Year Surplus (PYS), generated that is over the minimum balances required for working capital. PYS is used to fund high priority capital projects for which no other funding source exists and before borrowing is considered.

PYS can materialize because of higher than anticipated revenue and/or lower than anticipated expenditures. If a spike in revenue or a drop in expenditures is deemed ongoing or sustainable, adjustments to the budget for those items will be recommended thereby reducing the potential for surplus from that source in the future.

In recent years, the Township has relied heavily on PYS because of an increase in the number of high priority projects.

Development Cost Charges (DCC)

Most projects eligible for DCC funding are included as ‘Inside the Funding Envelope’. Whether or not a project can go ahead in a given year will depend on development and construction activity and the respective balances of individual DCC reserves. Staff regularly confirm availability of DCC funds throughout the year before starting each new DCC-funded project.

Borrowing or Debt Funding

Borrowing is considered as a last resource funding option. Before staff recommend a capital project(s) for debt financing, they will have exhausted all other sources of funding. A major factor contributing to the need to borrow has been the rising cost of construction in recent years, which has depleted funding sources such as surplus and reserves. In situations when debt financing is contemplated, it is desirable to borrow for projects that are Development Cost Charge eligible and or repayable from Utility User Fees. Debt repayable from Property Tax is used as a last resort.

Overview

In addition to capital projects funded from development revenue and outside sources, the package attached includes use of the existing base operating contribution to capital and prior year surpluses for critical and high priority projects. Some high priority projects are being shown as outside available funding envelopes.

Next Steps

December 14, 2020 – Special Meeting for Budget Purposes.

January 2021 – Public Consultation (To be confirmed)

Sincerely,

Sandra Ruff
Director of Finance

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2021 AIRPORT CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Unfunded
Outside	Critical	Infrastructure Demolition	6	100,000	100,000
Outside	Critical	Airport Security Upgrades	7	60,000	60,000
Outside Total				**160,000**	**160,000**

Township of Langley
Capital Project Description
Airport

Project Title	**Infrastructure Demolition**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	AIR1013-01	**Category**	TENANT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Demolition of obsolete structures at the Airport
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	A new Terminal Building has been constructed at the airport. The old NAV Canada tower and the old airport office / restaurant building require demolition and removal to make space for airport parking. This is a cost shared project between the developer and the Township of Langley, with the Township portion to be paid to the contractor.
***Project Priority Ranking**	**CRITICAL 01**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		100,000				
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Airport

Project Title	**Airport Security Upgrades**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	AIR1025-01	**Category**	ADMIN/TCA			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		60,000	60,000	60,000	-	-
Carry Forward Amount	45,489					
Total Project Cost	**45,489**	**60,000**	**60,000**	**60,000**	**-**	**-**

Project Description ***(Phased Project)**	To complete security upgrades at the Langley Regional Airport, including installation of CCTV cameras.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Transport Canada regulations require that we maintain safety and security. CCTV cameras are required in order to ensure we meet this commitment. Undesirable activities late at night have been detected but we cannot identify what is happening without cameras. The first request from the RCMP when they attend to an incident is to see security footage. Additionally, security upgrades will aid in limiting unauthorized entry to restricted airside areas.
***Project Priority Ranking**	**CRITICAL 02**

Length of Project (in Years) 4

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	45,489					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	45,489	-	-	-	-	-
UNFUNDED		60,000	60,000	60,000	-	
Total Project Funding	**45,489**	**60,000**	**60,000**	**60,000**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

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2021 CORPORATE and MUNICIPAL ADMINISTRATION CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Operating Revenue	Prior Year's Surplus	Debt	Other	Unfunded
Inside	High	Administration Corporate Miscellaneous	10	55,000	55,000				
Inside	High	General Capital Contingency	11	150,000		150,000			
Inside Total				**205,000**	**55,000**	**150,000**	**-**	**-**	**-**
Placeholder		Unidentified Externally Funded Projects	12	1,000,000				1,000,000	
Placeholder		General Land Capital Provision	13	20,000,000			15,000,000	5,000,000	
Placeholder Total				**21,000,000**	**-**	**-**	**15,000,000**	**6,000,000**	**-**
Outside	Low	SmartCities: Wi-Fi	14	60,000					60,000
Outside Total				**60,000**	**-**	**-**	**-**	**-**	**60,000**
Total				**21,265,000**	**55,000**	**150,000**	**15,000,000**	**6,000,000**	**60,000**

Township of Langley
Capital Project Description
Corporate Administration & Fiscal

Project Title	**Administration Corporate Miscellaneous**					
Work Breakdown (if it exists)	MA1001-01	**Category**	ADMIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		55,000	55,000	55,000	55,000	55,000
Carry Forward Amount	37,014					
Total Project Cost	**37,014**	**55,000**	**55,000**	**55,000**	**55,000**	**55,000**
Project Description *(Phased Project)	Provision for unanticipated general capital expenditures for Council and Administration.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	To provide funds for miscellaneous capital projects that may arise throughout the year.					
***Project Priority Ranking**	**HIGH 01**					
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	37,014					
Operating Revenue	-	55,000	55,000	55,000	55,000	55,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	37,014	55,000	55,000	55,000	55,000	55,000
UNFUNDED						
Total Project Funding	**37,014**	**55,000**	**55,000**	**55,000**	**55,000**	**55,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration & Fiscal

Project Title	**General Capital Contingency**					
Work Breakdown (if it exists)	MA1002-03	**Category**	FISCAL			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		150,000	150,000	150,000	150,000	150,000
Carry Forward Amount	150,000					
Total Project Cost	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**

Project Description *(Phased Project)	Capital contingency provided on a corporate-wide basis for funding unavoidable cost increases on capital projects in progress.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Carrying a contingency amount for capital projects is normal business practice.
***Project Priority Ranking**	**HIGH 02**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	150,000					
Operating Revenue	-					
Prior Year's Surplus	-	150,000	150,000	150,000	150,000	150,000
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	150,000	150,000	150,000	150,000	150,000	150,000
UNFUNDED						
Total Project Funding	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**	**150,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration & Fiscal

Project Title	**Unidentified Externally Funded Projects**					
Work Breakdown (if it exists)	MA1002-04	**Category**	FISCAL			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
Project Description *(Phased Project)	A provision to provide budget authority for projects that come up during the year (that were not foreseen during budget deliberations) and have an external funding source identified (i.e. Grants, Donations, Non Refundable Deposits, etc.). If the Township receives external funding and the project is identified, a budget reallocation is done to move budget authority (revenue and expense) from the $1M funding envelope to the specific capital project.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	This provision has no impact on the property tax rate and allows new projects to be added mid-year with an external funding source attached. Without such a provision, the Township would not have legal authority to make the expenditure.					
***Project Priority Ranking**						
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: 'Other' Externally Unidentified	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Funded	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
UNFUNDED						
Total Project Funding	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration & Fiscal

Project Title	**General Land Capital Provision**					
Work Breakdown (if it exists)	PROP0001-01	**Category**	PROPERTY			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		20,000,000	20,000,000	20,000,000	20,000,000	20,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**20,000,000**	**20,000,000**	**20,000,000**	**20,000,000**	**20,000,000**
Project Description *(Phased Project)	The Land Reserve Corporate Funding Envelope is used to fund large capital projects not foreseen at budget time. The funding sources are debt and externally unidentified sources. Any projects using this funding source are typically approved by council.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	This funding envelope provides budget authority to allow council to take advantage of strategic opportunities that may arise during the year.					
***Project Priority Ranking**						
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-	15,000,000	15,000,000	15,000,000	15,000,000	15,000,000
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Unidentified**	-	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000
Total Funded	-	20,000,000	20,000,000	20,000,000	20,000,000	20,000,000
UNFUNDED						
Total Project Funding	**-**	**20,000,000**	**20,000,000**	**20,000,000**	**20,000,000**	**20,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration & Fiscal

Project Title	**SmartCities: Wi-Fi**					
Work Breakdown (if it exists)	New	**Category**	CORPSERV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		60,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**60,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

As an extension to the discussions that occurred at the community-to-community forum between the Township of Langley and Kwantlen First Nation, this project entails a feasibility analysis and recommendations to implement Wi-Fi in public spaces and core business areas not currently serviced by public Wi-Fi. Technical considerations based on Radio Frequency (RF) analysis will also be factored into the analysis. Also included in the proposed scope is analysis of any further refinements that need to be made to the Wi-Fi currently deployed inside civic buildings. The findings of this analysis could also be leveraged by the Kwantlen First Nation to pursue Wi-Fi coverage in their community.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

Providing Wi-Fi in public areas can have positive socio-economic impacts and from a SmartCities perspective, can provide important infrastructure that could be used for other SmartCities initiatives in the future.

***Project Priority Ranking** — **LOW 01**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		60,000				
Total Project Funding	**-**	**60,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

2021 COMMUNITY DEVELOPMENT CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Other	Unfunded
Placeholder		Assets Contributed from Developers	16	35,000,000	35,000,000	
Placeholder		Development Coordinated Works (NRDs)	17	1,000,000	1,000,000	
Placeholder Total				**36,000,000**	**36,000,000**	**-**
Outside	High	Vehicles for New Bylaw Officers	18	108,000		108,000
Outside Total				**108,000**	**-**	**108,000**
Total				**36,108,000**	**36,000,000**	**108,000**

Township of Langley
Capital Project Description
Community Development

Project Title	**Assets Contributed from Developers**					
Work Breakdown (if it exists)	ACDW1000-01	**Category**	DEVWORK			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		35,000,000	35,000,000	35,000,000	35,000,000	35,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**35,000,000**	**35,000,000**	**35,000,000**	**35,000,000**	**35,000,000**

Project Description *(Phased Project)	Developers contribute to the community by constructing infrastructure in conjunction with their developments. This is one of the ways that development pays for itself and does not rely on the general taxpayer to fund major assets related to growth. The majority of contributed asset value comes from 'Land Under Roads' followed by Parkland.
Project Justification & Consequences of Not Proceeding *(Phased Project)	It is impossible to estimate in advance the value of the assets that will be turned over to the Township by developers. For this reason, the Township provides a budget envelope of $35M which is an estimate based on the value of previous year actual contributed assets. The value can vary significantly from year to year. Recent history includes 2011: $12.6M, 2012: $20.0M, 2013: $10.4M and 2014: $31.4M.
***Project Priority Ranking**	
Length of Project (in Years)	**Annual**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _TCA__**	-	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000
Total Funded	-	35,000,000	35,000,000	35,000,000	35,000,000	35,000,000
UNFUNDED						
Total Project Funding	**-**	**35,000,000**	**35,000,000**	**35,000,000**	**35,000,000**	**35,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Community Development

Project Title	**Development Coordinated Works (NRDs)**					
Work Breakdown (if it exists)	NRDCD1000-01	**Category**	DEVWORK			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**

Project Description *(Phased Project)	To provide for the use of non refundable deposits paid by developers to complete agreed upon works and services. It is cash-in-lieu of the developer doing the work and it serves to better coordinate the work with other like projects that may be taking place in the area (to avoid tearing a road up twice for example).
Project Justification & Consequences of Not Proceeding *(Phased Project)	Non-refundable deposits are cash taken in lieu of a developer completing the works. Township staff use the funds to complete capital works or pay a contractor to complete the works. This provision will provide budget authority to make sure that expenditures are legally authorized in the budget bylaw.
***Project Priority Ranking**	
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Non Refundable Deposit (NRD**	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Total Funded	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
UNFUNDED						
Total Project Funding	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Community Development

Project Title	**Vehicles for New Bylaw Officers**					
Work Breakdown (if it exists)	NEW	**Category**	FLTTRKC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		108,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**108,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	This is a one time request for 3 pick-up trucks to be outfitted for 3 new Bylaw Officers. One existing Bylaw Officer position that was approved through a report to Council #18-28 and two additional Bylaw Officers that were approved by Council as part of the 2020 Budget Process.
Project Justification & Consequences of Not Proceeding *(Phased Project)	These vehicles are essential for the Bylaw Officers to efficiently and effectively be available and service the community. Bylaw Officers travel for approximately 90% of their shit through out the community to address the increasing number of complaints, parking infractions, homeless camps and other various bylaw issues. Alternative to purchasing vehicles is to rent the vehicles. The estimated monthly cost to rent is significantly higher than purchasing. $100,300 Rental expense for 3 vehicles / year $108,000 Purchase price for 3 vehicles with life expectancy of 8 years
***Project Priority Ranking**	**HIGH 01**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		108,000				
Total Project Funding	**-**	**108,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		26,100	-	-	-	-
Please Specify:						

2021 FACILITIES CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Climate Action Reserve	Building Reserve	Capital Infrastructure Replacement and Renewal Reserve	Capital Surplus	Operating Revenue	Other	Unfunded
Inside	Critical	Fire Halls (Various): Emergency Preparedness Upgrades	20	75,000					75,000		
Inside	Critical	WC Blair Recreation Centre: Facility Upgrades	21	950,000					950,000		
Inside	Critical	GPC - Emergency Lighting upgrades	22	140,000					140,000		
Inside	Critical	Walnut Grove Community Centre: Pool Air Handling Unit Upgrades	23	100,000					100,000		
Inside	Critical	FAC - Annual Facility Improvements - Various Locations	24	250,000		250,000			-		
Inside	Critical	Civic Facility: Low Carbon Mechanical Retrofits	25	200,000	100,000				92,500	7,500	
Inside	Critical	LEC: Electrical, Mechanical, Refrigeration & Other	26	450,000			59,424	125,000	265,576		
Inside	Critical	Fire Hall 5: Low Carbon Mechanical Upgrades	27	100,000	100,000						
Inside	Critical	Low-Carbon Retrofit Plans	28	200,000	180,000					20,000	
Inside Total				**2,465,000**	**380,000**	**250,000**	**59,424**	**125,000**	**1,623,076**	**27,500**	**-**
Placeholder		FAC - Unidentified Externally Funded Projects	29	10,000,000						10,000,000	
Placeholder Total				**10,000,000**	**-**	**-**	**-**	**-**	**-**	**10,000,000**	**-**
Outside	Critical	Operations Centre: Lighting Upgrade	30	200,000						30,000	170,000
Outside	Critical	Fire Halls: Installation of Building Automation Systems	31	60,000							60,000
Outside	High	Operations Centre: Repairs and Improvements	32	200,000							200,000
Outside	High	Electric Vehicle Charging Infrastructure	33	20,000							20,000
Outside	High	Fire Hall 6: Heating, Ventilation and Air Conditioning Upgrade	34	400,000							400,000
Outside	High	Walnut Grove Community Centre: Envelope Repairs and Roof Replacement	35	75,000							75,000
Outside	High	Annual Accessibility Improvements: Various Facilities	36	75,000							75,000
Outside	High	Walnut Grove Community Centre: Glass Block Wall Repairs	37	110,000							110,000
Outside	High	George Preston Rec Centre - Roof Replacement	38	650,000							650,000
Outside	High	Fire Halls: Envelope, Mechanical, Electrical & Other	39	150,000							150,000
Outside	High	Parks Facilities: Envelope, Mechanical, Electrical & other	40	100,000							100,000
Outside	High	Walnut Grove Community Centre: Fitness Room Air Handling Unit Ventilation Upgrade	41	250,000							250,000
Outside	High	Fire Hall 3: Driveway Pavement Replacement	42	250,000							250,000
Outside	High	Walnut Grove Community Centre: Pool Feature Replacement	43	150,000							150,000
Outside	High	Walnut Grove Community Park: Roof and Deck Replacement	44	250,000							250,000
Outside	High	Brookswood Senior's Centre: Building Envelope Remediation	45	100,000							100,000
Outside	High	George Preston Recreation Centre: Arena Snowmelt System	46	150,000							150,000
Outside	Medium	Walnut Grove Community Centre: Gymnasium Air Conditioning System	47	150,000							150,000
Outside	Medium	Civic Facility: Renovations and Improvements	48	475,000							475,000
Outside	Medium	Philip Jackman Park: Washroom Renovations	49	100,000							100,000
Outside Total				**3,915,000**	**-**	**-**	**-**	**-**	**-**	**30,000**	**3,885,000**
Total				**16,380,000**	**380,000**	**250,000**	**59,424**	**125,000**	**1,623,076**	**10,057,500**	**3,885,000**

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Halls (Various): Emergency Preparedness Upgrades**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): FIRE1003-01 — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		75,000	-	-	-	-
Carry Forward Amount	369,281					
Total Project Cost	**369,281**	**75,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Address the electrical deficiencies (e.g. transformers, uninterrupted power supply) from the assessment. Additional funds are required in 2021 to complete the remaining issues identified in the 2018 report.

Project Justification & Consequences of Not Proceeding *(Phased Project)

An electrical assessment identified a number of deficiencies, including the electrical capacity of the existing emergency generators at some of the fire halls. Fire halls are an integral part of the Township's emergency preparedness program.

***Project Priority Ranking**: **CRITICAL 01**

Length of Project (in Years): **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	369,281					
Operating Revenue	-	75,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	369,281	75,000	-	-	-	-
UNFUNDED						
Total Project Funding	**369,281**	**75,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **WC Blair Recreation Centre: Facility Upgrades**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): WCBF1005-01 — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		950,000	1,750,000	-	-	-
Carry Forward Amount	1,082,714					
Total Project Cost	**1,082,714**	**950,000**	**1,750,000**	**-**	**-**	**-**

Project Description *(Phased Project)

This is a multi-year renovation project of the WC Blair Recreation Centre. The 2021 scope of work consists of upgrades and improvements to the electrical and mechanical systems, building envelope, construction of a secondary entrance on the west side of building, interior/exterior finishes (flooring, doors, furniture), and accessibility.

A main component of the 2022 high level budget is to expand the east side of the building. This will provide more area for the fitness centre and other programming.

Project Justification & Consequences of Not Proceeding *(Phased Project)

To bring the remaining interior spaces of the facility to a standard similar to the recent renovations already completed and to address mechanical, electrical, and other issues.

Equipment failure can cause various issues depending on what equipment fails. Examples include the loss of heating and/or air conditioning in the building, failure of the water system, and potentially failures in the pool system. Many of these failures can lead to public disruption, and can affect the operation of the facility, including the pool.

The existing Motor Control Centre is original to the building and has been in service for over 30 years. A condition assessment report conducted in early 2019 recommends replacement of the panel in the next two years due to its current condition. Failure of one of the panels will impact the operation of the wave pool or the hot tub until repairs are undertaken.

This is a multi year project that requires design, procurement, and construction. The phased approach has been implemented to minimize downtime/closure of specific areas.

***Project Priority Ranking**: **CRITICAL 02**

Length of Project (in Years): **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	512,933					
Operating Revenue	-	950,000				
Infrastructure Reserve	522,469					
Internal Debt	7,584					
*Other: Building Reserve	39,728					
Total Funded	1,082,714	950,000	-	-	-	-
UNFUNDED			1,750,000			
Total Project Funding	**1,082,714**	**950,000**	**1,750,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**GPC - Emergency Lighting upgrades**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	GPCF1004-01	**Category**	FACINTR			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		140,000	-	-	-	-
Carry Forward Amount	116,874					
Total Project Cost	**116,874**	**140,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	This project is to install a new emergency generator, and emergency lighting throughout the building. The requested funding is for engineering design and construction. In the event of a loss of power, there is no emergency generator and emergency lighting for the hockey arena viewing area. The amount of emergency lighting at the concourse area and throughout the building is powered only by battery packs.
Project Justification & Consequences of Not Proceeding *(Phased Project)	During a power outage critical systems are without power and the existing lighting is not adequate to provide for safe evacuation.
***Project Priority Ranking**	**CRITICAL 03**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	116,874					
Operating Revenue	-	140,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	116,874	140,000	-	-	-	-
UNFUNDED						
Total Project Funding	**116,874**	**140,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Walnut Grove Community Centre: Pool Air Handling Unit Upgrades**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACHVAC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		100,000	2,100,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**2,100,000**	**-**	**-**	**-**

Project Description *(Phased Project)

Design to overhaul two pool air handling units serving the natatorium.

Project Justification & Consequences of Not Proceeding *(Phased Project)

These air handling units (from 1999) provide climate control for the natatorium. Both units are located in the third floor mechanical room. Straight replacement is not recommended as the mechanical room was built around these units. Complete replacement would require the disassembly of sections of the roof and walls of the facility; resulting in major impacts to the facility, its operations, and extended shutdowns.

Both units have passed their expected useful life. The cooling system components are particularly in poor condition. Reactive repairs to the units will be expensive, may not extend the units useful life, and will impact the facilities operations for the repair duration.

Climate Action Strategy: Continue implementation of energy efficiency and emission reduction projects in existing corporate facilities

Corporate emissions need to drop by 4,500 tonnes by 2030 more than half of which will come from upgrading mechanical gas units in facilities to a low-carbon alternative. The most cost-effective time to do this is when the units are at the end of their useful life.

The heat recovery systems which will be installed with the air handling upgrades are estimated to result in an annual reduction of 4000 GJ of fossil fuel use and annual greenhouse gas emissions reductions of 200 tonnes.

***Project Priority Ranking**: **CRITICAL 04**

Length of Project (in Years): 2

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Operating Revenue	-	100,000	1,468,076			
Federal/Provincial/Other Grants	-		117,500			
Total Funded	-	100,000	1,585,576	-	-	-
UNFUNDED			514,424			
Total Project Funding	**-**	**100,000**	**2,100,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**FAC - Annual Facility Improvements - Various Locations**
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	FAC1002-01 **Category** FACMISC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		250,000	250,000	250,000	250,000	250,000
Carry Forward Amount	50,076					
Total Project Cost	**50,076**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**

Project Description ***(Phased Project)**	Unplanned facility improvement/emergency projects that arise during the year.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Many Township facilities are aging and equipment is reaching or passed its useful life. This funding is to deal with issues and failures as they arise. Failure to attend to these issues in a timely manner can result in significant downtime, impact on building occupants, safety, etc.
***Project Priority Ranking**	**CRITICAL 05**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Building Reserve**	50,076	250,000	250,000	250,000	250,000	250,000
Total Funded	50,076	250,000	250,000	250,000	250,000	250,000
UNFUNDED						
Total Project Funding	**50,076**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Civic Facility: Low Carbon Mechanical Retrofits**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	300,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**300,000**	**-**	**-**	**-**

Project Description *(Phased Project)

Replace two make-up air units (MUA-1 and MUA-2) and two roof-top units (AC-1 and AC-2) which are all at end of life. These units will be replaced with low-carbon alternatives.

Project Justification & Consequences of Not Proceeding *(Phased Project)

These units are passed their expected useful life and are in need of immediate replacement. Sudden failure will result in unexpected emergency repair which at best would result in a like-for-like replacement of gas units which would lock the facility in to using fossil fuels until the end of life of the new gas units (approximately 15-20 years).

The Township Civic Facility is a LEED Silver facility with many sustainability features including a renewable geothermal energy system, electric low-carbon heat pumps, solar thermal technology, and heat recovery ventilation which allows it to have a low carbon footprint. Once these units are replaced with low-carbon alternatives, the only gas units remaining will be the backup boilers and once those are replaced at end of life, the facility will be fully electric and carbon neutral. This will make it the first carbon-neutral facility in the Township and one of the first carbon-neutral municipal halls in Canada.

Climate Action Strategy: Continue implementation of energy efficiency and emission reduction projects in existing corporate facilities

In November 2019, Council adopted an emission reduction target of 45% by 2030. In order to achieve this, from a corporate perspective, corporate emissions need to drop by 4,500 tonnes by 2030 more than half of which will come from upgrading mechanical gas units in facilities to a low-carbon alternative. The most cost-effective time to do this is when the gas units are at the end of their useful life.

***Project Priority Ranking**: **CRITICAL 06**

Length of Project (in Years): **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Operating Revenue	-	92,500				
Federal/Provincial/Other Grants	-	7,500	7,500			
*Other: Climate Action Reserve	-	100,000	200,000			
Total Funded	-	200,000	207,500	-	-	-
UNFUNDED			92,500			
Total Project Funding	**-**	**200,000**	**300,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Facility Management

Project Title	**LEC: Electrical, Mechanical, Refrigeration & Other**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	LECF1002-01		**Category**	FACINTR		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		450,000	450,000	450,000	450,000	450,000
Carry Forward Amount	368,013					
Total Project Cost	**368,013**	**450,000**	**450,000**	**450,000**	**450,000**	**450,000**

Project Description ***(Phased Project)**	Funding is required to ensure that the electrical systems, mechanical systems, refrigeration, building envelope, exterior grounds, interior finishes, etc. are maintained. Additionally, it will allow to undertake necessary improvements to maximize service life and to provide operational efficiencies.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	The Langley Events Centre is currently the largest facility owned by the Township. Not undertaking this work may result in premature building component and equipment failures that would impact facility users, reduce service lives, and increase operating costs. Numerous items cannot be foreseen and are dictated during the year by other authorities such as Fraser Health, Worksafe, Liquor Inspection Branch, and Health and Safety requirements.
***Project Priority Ranking**	**CRITICAL 07**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	209,406					
Operating Revenue	-	265,576		450,000	450,000	450,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	158,607	59,424				
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Capital Surplus**	-	125,000				
Total Funded	368,013	450,000	-	450,000	450,000	450,000
UNFUNDED			450,000			
Total Project Funding	**368,013**	**450,000**	**450,000**	**450,000**	**450,000**	**450,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Hall 5: Low Carbon Mechanical Upgrades**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**100,000**	-	-	-	-

Project Description *(Phased Project)

Replacement of existing gas powered furnaces and one electric powered heater at Firehall 5. These units are passed their expected useful life and will be replaced with electric units. Further, the building's electrical service needs to be upgraded to meet the electrical demand.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Sudden failure will result in unexpected emergency repairs which at best would result in a like-for-like replacement of gas units. This would lock the facility into using fossil fuels until the end of life of the new gas units (approximately 15-20 years).

Climate Action Strategy: Continue implementation of energy efficiency and emission reduction projects in existing corporate facilities

In November 2019, Council adopted an emission reduction target of 45% by 2030. In order to achieve this, from a corporate perspective, corporate emissions need to drop by 4,500 tonnes by 2030 more than half of which will come from upgrading mechanical gas units in facilities to a low-carbon alternative. The most cost-effective time to do this is when the gas units are at the end of their useful life.

***Project Priority Ranking**: **CRITICAL 08**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: Climate Action Reserve	-	100,000				
Total Funded	-	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	-	**100,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**FAC - Unidentified Externally Funded Projects**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	FAC1013-01	**Category**	FACMISC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**10,000,000**	**10,000,000**	**10,000,000**	**10,000,000**	**10,000,000**
Project Description ***(Phased Project)**	Externally funded projects not in budget. This is a budget provision to take advantage of potential private contributions to municipal projects.					
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	To provide budget for externally funded capital projects not budgeted for in Facilities.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
Total Funded	-	10,000,000	10,000,000	10,000,000	10,000,000	10,000,000
UNFUNDED						
Total Project Funding	**-**	**10,000,000**	**10,000,000**	**10,000,000**	**10,000,000**	**10,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Low-Carbon Retrofit Plans**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACENER

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	300,000	150,000	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**300,000**	**150,000**	**-**	**-**

Project Description *(Phased Project)

Develop low-carbon retrofit plans for all existing corporate facilities. This is a multi-year project, in 2021 plans will be developed for two major corporate facilities.

Plans will focus on reducing energy use and emissions, and increasing climate resilience. The plans will provide direction and analysis for all future equipment and system replacements with the goal of replacing current equipment/systems with zero carbon alternatives at the end of their useful life, resulting in corporate facilities that are zero emissions in operation prior to 2040.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Climate Action Strategy: BL-17 Develop low-carbon retrofit plans for all existing corporate facilities

In November 2019, Council adopted an emission reduction target of 45% by 2030, and carbon neutrality by 2050. In order to achieve the Township's 2030 target, from a corporate perspective, facilities and equipment upgrades will need to be zero emissions and shift to low carbon energy sources over the next decade. Corporate emissions need to drop by 4,500 tonnes by 2030. The low-carbon retrofit plans will be essential to supporting this transition as they will detail applicable low-carbon technologies and costing for facility upgrades and equipment replacements.

***Project Priority Ranking**: **CRITICAL 09**

Length of Project (in Years): **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-			135,000		
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-	20,000	30,000	15,000		
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: Climate Action Reserve	-	180,000				
Total Funded	-	200,000	30,000	150,000	-	-
UNFUNDED			270,000			
Total Project Funding	**-**	**200,000**	**300,000**	**150,000**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Operations Centre: Lighting Upgrade**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACENER

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**200,000**	-	-	-	-

Project Description *(Phased Project)

Upgrade all lighting at the Operations Centre to LED. This upgrade will also include lighting controls that will maximize the lighting efficiency at the facility. The project is estimated to result in an approximate energy savings of 100,000 kWh per year, the equivalent of the annual energy used by 10 homes and a cost savings of $15,000/year.

Project Justification & Consequences of Not Proceeding *(Phased Project)

This project will result in cost savings from reduced energy use and maintenance.

Climate Action Strategy: Continue implementation of energy efficiency and emission reduction projects in existing corporate facilities

In addition to the utility and maintenance cost savings, the conversion to LED lighting will support the Township in meeting the adopted emission reduction targets and other objectives of the Climate Action Strategy such as maximizing energy efficiency in all new and existing buildings and facilities.

***Project Priority Ranking**: **CRITICAL 10**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-	30,000				
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	30,000	-	-	-	-
UNFUNDED		170,000				
Total Project Funding	-	**200,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Halls: Installation of Building Automation Systems**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		60,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**60,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Installation of Building Automation Systems at Fire Hall 2 and 4. This is required to control the operation of all mechanical equipment and will result in reduced energy consumption and energy costs, remote monitoring and quicker maintenance.

Estimated annual cost savings are around $5,000 per year per facility. The project is also estimated to achieve a reduction of 15 tonnes of greenhouse gas emissions per facility per year.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Currently, at existing Fire Halls, most mechanical systems are operating continuously or with manual controls which is wasting energy, increasing operating cost, increasing maintenance, and reducing equipment lifetime. These facilities are also intermittently occupied so the installation of control systems will ensure that mechanical equipment is operating more efficiently only when needed.

Climate Action Strategy: Continue implementation of energy efficiency and emission reduction projects in existing corporate facilities

In addition to the utility and maintenance cost savings, the installation of controls will support the Township in meeting the adopted emission reduction targets and other objectives of the Climate Action Strategy such as maximizing energy efficiency in all new and existing buildings and facilities.

***Project Priority Ranking**: **CRITICAL 11**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		60,000				
Total Project Funding	**-**	**60,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Operations Centre: Repairs and Improvements**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): OPCF1001-01 — **Category**: FACMISC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	200,000	200,000	200,000	200,000
Carry Forward Amount	56,053					
Total Project Cost	**56,053**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**

Project Description *(Phased Project)

This funding will be utilized for electrical/mechanical upgrades, interior/exterior improvements to create more usable space, expand the women's changeroom area to accommodate increases in staff, additional parking , storage, etc.

Project Justification & Consequences of Not Proceeding *(Phased Project)

To improve space utilization, increase capacity, replace aging equipment and infrastructure, provide additional storage, etc. The consequences are inefficient use of site, capacity issues, safety, etc.

***Project Priority Ranking**: **HIGH 01**

Length of Project (in Years): 6

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	7,832					
Operating Revenue	-			23,076	200,000	200,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	3,809					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	24,802					
*Other: Building Reserve	19,610					
Total Funded	56,053	-	-	23,076	200,000	200,000
UNFUNDED		200,000	200,000	176,924		
Total Project Funding	**56,053**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Electric Vehicle Charging Infrastructure**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): FAC1015-01 — **Category**: FACESTN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		20,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**20,000**	-	-	-	-

Project Description *(Phased Project)

Installation of electric vehicle charging stations and conducting a gap and costing analysis to identify priority locations in the community for additional public stations.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Climate Action Strategy: TM-17 Expand the Township's public EV charging network

As vehicles emit over 55% of the Township's community emissions, actions that facilitate the adoption of zero and low emission vehicles, like electric vehicles, can make a significant impact on the climate. Since 2013, the Township's EV charging stations have seen a 3,000% increase in the number of charging sessions per year, which supports the need for additional infrastructure expansion to support the community in the transition to electric vehicles.

***Project Priority Ranking**: **HIGH 02**

Length of Project (in Years): 2

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		20,000				
Total Project Funding	-	**20,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Hall 6: Heating, Ventilation and Air Conditioning Upgrade**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACHVAC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		400,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**400,000**	-	-	-	-

Project Description *(Phased Project)

Replace the main heating, ventilation and air conditioning system (HVAC) for the facility.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The main HVAC system is original to the construction of the building in 1996 and has well passed its intended service life of 15 to 20 years. A number of repairs were completed on this system since 2016 to extend its remaining service life, including upgrading one of the main compressors in 2017, the control board in 2018, and the condenser fans in 2020.

Not proceeding with repairs will result in more operating costs due to emergency repairs and longer downtime of the unit where it impacts all the staff who work in this facility.

***Project Priority Ranking**: **HIGH 03**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		400,000				
Total Project Funding	-	**400,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Walnut Grove Community Centre: Envelope Repairs and Roof Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACEXTR			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		75,000	400,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**75,000**	**400,000**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Design and replacement of three roof sections (Areas D, E, and F) and a detailed assessment for the main roof area over the pool (Area B).
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	A roof assessment and report was completed by a Consultant in 2015, indicating that roof areas D, E, and F all required replacement within the next 3-5 years (i.e. 2020). These roof areas have experienced heavy deterioration, including blistering, cracking, and granule loss leading to UV damage. Roof area F is also the main access walkway to the roof areas, resulting in heavy foot traffic and damage to the roof membrane. Failure to complete replacement of these roof areas will lead to further emergency roof repairs to address damaged roof membranes and potential water ingress. These repairs are costly, and increase the operating costs to the facility. Water ingress due to failed roof membranes can also lead to deterioration and damage of interior finishes. In certain areas, this damage is visible to patrons of the facility and needs to be repaired immediately, leading to costly emergency repairs.
***Project Priority Ranking**	**HIGH 04**

Length of Project (in Years) **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		75,000	400,000			
Total Project Funding	**-**	**75,000**	**400,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Annual Accessibility Improvements: Various Facilities**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): FAC1020-01 — **Category**: FACINTR

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		75,000	75,000	75,000	75,000	75,000
Carry Forward Amount	90,000					
Total Project Cost	**90,000**	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**

Project Description *(Phased Project)

Undertake assessments and accessibility improvements at various Township facilities.

Project Justification & Consequences of Not Proceeding *(Phased Project)

To comply with B.C. Building Code accessibility requirements and with the Township's Age-Friendly Strategy. The Age-Friendly Strategy recommended assessments and upgrades be considered at various Township facilities to meet the accessibility requirements. Further in 2019, Council provided a grant to Langley Pos-Abilities Society to perform an accessibility Audit for W.C. Blair Recreation Centre. The audit provided a list of improvements. Upgrades have been implemented to address some of the recommendations in the audit.

***Project Priority Ranking**: **HIGH 05**

Length of Project (in Years): **Annual**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	90,000					
Operating Revenue	-			75,000	75,000	75,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	90,000	-	-	75,000	75,000	75,000
UNFUNDED		75,000	75,000			
Total Project Funding	**90,000**	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Walnut Grove Community Centre: Glass Block Wall Repairs**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACEXTR			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		110,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**110,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Replace the glass block wall systems for the steam room and sauna. The existing walls would be replaced with a new glass front system.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Both glass block walls have passed their service life where seals have failed and moisture have migrated in between panels.
***Project Priority Ranking**	**HIGH 06**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		110,000				
Total Project Funding	**-**	**110,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**George Preston Rec Centre - Roof Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW		**Category**	FACROOF		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		650,000	350,000	250,000	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**650,000**	**350,000**	**250,000**	**-**	**-**

Project Description ***(Phased Project)**	Funding is to replace a number of roof areas over a three year period.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	A roof condition assessment indicated that seven roof areas require replacement. The various roofing systems were observed to exhibit a number of items that could lead to failures, such as blisters of the membrane, granule loss, failed sealant, and other items. Continuous roof leaks can lead to deterioration and corrosion of the structural roofing systems.
***Project Priority Ranking**	**HIGH 07**

Length of Project (in Years)	**3**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-			250,000		
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	-	-	250,000	-	-
UNFUNDED		650,000	350,000			
Total Project Funding	**-**	**650,000**	**350,000**	**250,000**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Halls: Envelope, Mechanical, Electrical & Other**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known) — NEW — **Category** — FACMISC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		150,000	100,000	100,000	100,000	100,000
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**100,000**	**100,000**	**100,000**	**100,000**

Project Description *(Phased Project)

This funding to complete upgrades or replacements at various fire hall facilities. Work includes space modifications, building envelope, mechanical, electrical, interior/exterior finishes, etc.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The Township owns and operates seven (7) fire halls. Many components of these fire halls are nearing or have passed their recommended service life. Failure to complete upgrades or replacements can lead to failures of various critical systems in the building, such as the HVAC system, mechanical system, and electrical system that would impact facility users and could potentially impact the Township's fire and rescue operations.

***Project Priority Ranking** — **HIGH 08**

Length of Project (in Years) — **Annual**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-				100,000	100,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	100,000	100,000
UNFUNDED		150,000	100,000	100,000		
Total Project Funding	**-**	**150,000**	**100,000**	**100,000**	**100,000**	**100,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Parks Facilities: Envelope, Mechanical, Electrical & other**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACMISC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		100,000	100,000	100,000	100,000	100,000
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

Project Description *(Phased Project)

This funding to address ongoing issues with vandalism of washrooms, building envelope, mechanical, electrical and other repairs at various Parks facilities.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The Township owns and operates more than 30 Parks buildings many of which are aging and their equipment is reaching the end of their useful lives. This funding would allow staff to deal with issues and failures as they arise. Not undertaking this work may result in premature equipment failures that would impact Parks facility users, and increase operating costs.

***Project Priority Ranking**: **HIGH 09**

Length of Project (in Years): **ANNUAL**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-			100,000	100,000	100,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	100,000	100,000	100,000
UNFUNDED		100,000	100,000			
Total Project Funding	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:
i.e. Annual Licensing fees

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Walnut Grove Community Centre: Fitness Room Air Handling Unit Ventilation Upgrade**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACHVAC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Replace the existing air handling units and upgrade of the air distribution in the space.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	The current mechanical systems serving the fitness room are insufficient to provide an adequate level of cooling and airflow through the space. Additionally, the existing air handling units have reached the end of their service life, and there is an increased chance for an unexpected failure of the units. If an emergency repair is required, it could cost more than a planned replacement and would impact facility patrons' access to the space.
***Project Priority Ranking**	**HIGH 10**

Length of Project (in Years) **1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		250,000				
Total Project Funding	**-**	**250,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Fire Hall 3: Driveway Pavement Replacement**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACGRND

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		250,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**250,000**	-	-	-	-

Project Description *(Phased Project)

Replacement of the existing asphalt and base material for select parking and driving surfaces at Fire Hall 3. In addition to asphalt replacement, perform localized curb replacement.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The majority of the paved surfaces are showing significant signs of cracking and deterioration which is likely the result of settlement and water ingress. Some localized areas of the concrete curbs are noted to have spalled as a result of concrete failure and vehicle impacts.

Not proceeding with this work will result in further deterioration of the paved and concrete surfaces which could lead to increased operating and maintenance costs for interim repairs, as well as damage to vehicle tires.

***Project Priority Ranking**: **HIGH 11**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		250,000				
Total Project Funding	-	**250,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Walnut Grove Community Centre: Pool Feature Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACINTR			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	The water features are in extremely poor condition due to their age and the corrosive environment; specifically the portions that are submerged underwater. This budget request is for the replacement of the failing water features.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Pool features are experiencing heavy corrosion, pitting, and cross sectional loss. Reactive repairs were carried out during the 2018 facility shutdown but do not prolong the useful life. Failure of the pool features will result in a potential safety hazard and the closure of the pool.
***Project Priority Ranking**	**HIGH 12**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		150,000				
Total Project Funding	**-**	**150,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Walnut Grove Community Park: Roof and Deck Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	WGCF1006-01	**Category**	FACROOF			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	-	-	-	-
Carry Forward Amount	50,000					
Total Project Cost	**50,000**	**250,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Design and construction of a new roof assembly for the sloped roof areas, as well as the deck.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Components of the existing roof system have passed their expected life cycle and further repairs are not recommended. Failure to complete the roof replacement will lead to water ingress into the building interior areas. This would result in expensive emergency repairs. The existing metal roof has a history of water ingress, and repairs have been completed previously in an attempt to fix the leaks.
***Project Priority Ranking**	**HIGH 13**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	50,000					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	50,000	-	-	-	-	-
UNFUNDED		250,000				
Total Project Funding	**50,000**	**250,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Brookswood Senior's Centre: Building Envelope Remediation**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACEXTR			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	This project proposes replacement of the roof systems.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	The roof areas of the building have deteriorated and are in poor condition. Failure to undertake these upgrades may result in further deterioration, leading to moisture ingress into the building interior and potentially structural damage. Water leaks into the interior can potentially cause disruption to the operation of the building and may require on-going repairs to maintain the existing systems.
***Project Priority Ranking**	**HIGH 14**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		100,000				
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **George Preston Recreation Centre: Arena Snowmelt System**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACMECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**150,000**	-	-	-	-

Project Description *(Phased Project)

Construct a new snowmelt pit outside of the Zamboni room to melt the shaved ice generated by the daily maintenance of the arena.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Currently, the shaved ice is being taken out through the Zamboni bay on the west side of the property and stored on the paved hardscape and under the tree canopy where it forms large piles of snow. On a regular basis loads of snow must be hauled away to other sites to create space for the ongoing operations of the arena.

***Project Priority Ranking**: **HIGH 15**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		150,000				
Total Project Funding	-	**150,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Walnut Grove Community Centre: Gymnasium Air Conditioning System**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACHVAC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**150,000**	-	-	-	-

Project Description *(Phased Project)

The existing gymnasium has two air handling units in the high ceiling that are only capable of providing heating. During the summer months and/or when there is high occupancy, the space temperature increases to highs of 35°C. It is recommended to install mechanical cooling for these two units in order to maintain the proper level of thermal comfort required.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Currently there is no cooling in the gymnasium and this leads to an elevated space temperature in the gymnasium. Service to facility patrons will be limited in the gymnasium when indoor space temperatures exceed thermal comfort limits.

***Project Priority Ranking**: **MEDIUM 01**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		150,000				
Total Project Funding	-	**150,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title	**Civic Facility: Renovations and Improvements**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FACMECH			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		475,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**475,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	This funding is required to undertake a number of improvements at the Civic Facility. The scope of work will include creating a new service counter on the second floor, relocating the mail room, office space renovation and relocating existing workspaces to the third floor.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Improved space utilization, increased capacity, improved customer service, etc. The consequences are inefficient use of site, capacity issues, etc.
***Project Priority Ranking**	**MEDIUM 02**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		475,000				
Total Project Funding	**-**	**475,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
FACILITY MANAGEMENT

Project Title — **Philip Jackman Park: Washroom Renovations**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FACNBLD

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**100,000**	-	-	-	-

Project Description *(Phased Project)

To demolish the washroom structure that used to serve the old Aldergrove Outdoor Pool in Philip Jackman Park and add sodding in its place.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The building is not required.

***Project Priority Ranking**: **MEDIUM 03**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		100,000				
Total Project Funding	-	**100,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

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2021 FIRE CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Fire Vehicle & Equip Repl. Reserve	Operating Revenue	Unfunded
Inside	Critical	Firefighting Equipment	52	195,000	195,000		
Inside	Critical	Training Equipment Capital	53	57,000		57,000	
Inside	High	Fire Department Capital Staff Vehicles	54	86,000	86,000		
Inside	Preapproval	Self-Contained Breathing Apparatus	55	960,775	960,775		
Inside Total				**1,298,775**	**1,241,775**	**57,000**	**-**
Outside	High	Fire Halls (Various): Space Planning	56	120,000			120,000
Outside	Medium	Emergency Preparedness Storage Facilities (Year 2)	57	270,000			270,000
Outside	Medium	Emergency Preparedness Equipment	58	10,000			10,000
Outside	Medium	Emergency Preparedness Education Program Equipment	59	5,000			5,000
Outside Total				**405,000**	**-**	**-**	**405,000**
Total				**1,703,775**	**1,241,775**	**57,000**	**405,000**

Township of Langley
Capital Project Description
Fire Services

Project Title	**Firefighting Equipment**					
Work Breakdown (if it exists)	FDS1002-02	**Category**	FIREFIGHTING EQUIPMENT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		195,000	195,000	195,000	195,000	195,000
Carry Forward Amount	188,053					
Total Project Cost	**188,053**	**195,000**	**195,000**	**195,000**	**195,000**	**195,000**

Project Description ***(Phased Project)**	This is an ongoing (yearly) replacement of Firefighting equipment due to age, function, WorkSafe and industry requirements/standards.
Project Justification ***(Phased Project)**	The Fire Department requires funds to purchase necessary equipment such as hoses, nozzles, rescue equipment, etc. to ensure that the Fire Department equipment meets WorkSafeBC, National Fire Protection Association (NFPA), and Industry standards/requirements. Having a yearly replacement program spreads the ongoing cost over the life expectancy rather than an all at once purchase. For example: the average life span of suppression firefighting gear (bunker pants and coat) is six to eight years and the Department is required by WorkSafe to replace the gear every 10 years. The Department schedules replacing 30 sets of gear every year (212 * 7 = 30) at a present cost of $81,000 (30 x $3,500 = $105,000).
***Project Priority Ranking**	**Critical 02**
Length of Project (in Years)	**Annually**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	188,053	195,000	195,000	195,000	195,000	195,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	188,053	195,000	195,000	195,000	195,000	195,000
Total Unfunded						
Total Project Funding	**188,053**	**195,000**	**195,000**	**195,000**	**195,000**	**195,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title	**Training Equipment Capital**					
Work Breakdown (if it exists)	FDS1000-07	**Category**	OTHER EQUIPMENT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		57,000	57,000	57,000	57,000	57,000
Carry Forward Amount	77,246					
Total Project Cost	**77,246**	**57,000**	**57,000**	**57,000**	**57,000**	**57,000**

Project Description ***(Phased Project)**	Replacement and maintenance of training equipment to ensure the delivery of core training requirements for both suppression and non-suppression staff programs.
Project Justification ***(Phased Project)**	To ensure training equipment meets operational needs of the Fire Department as well as WorkSafe and Industry Standards.
***Project Priority Ranking**	**Critical 03**
Length of Project (in Years)	**Annually**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	77,246					
Operating Revenue	-	57,000	57,000	57,000	57,000	57,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	77,246	57,000	57,000	57,000	57,000	57,000
Total Unfunded						
Total Project Funding	**77,246**	**57,000**	**57,000**	**57,000**	**57,000**	**57,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title	**Fire Department Capital Staff Vehicles**					
Work Breakdown (if it exists)	FDFC1001-01	**Category**	FIRE VEHICLES			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		86,000	86,000	86,000	-	86,000
Carry Forward Amount	-					
Total Project Cost	**-**	**86,000**	**86,000**	**86,000**	**-**	**86,000**

Project Description
***(Phased Project)**

Purchase of two (2) half ton (1/2) pick-up trucks in 2021 which will be replacing two 2010 pick-up trucks.
Purchase of two (2) half ton (1/2) pick-up trucks in 2022 which will be replacing two 2010 pick-up trucks.
Purchase of two (2) half ton (1/2) pick-up trucks in 2023 which will be replacing two 2010 pick-up trucks.
Purchase of two (2) half ton (1/2) pick-up trucks in 2025 which will be replacing two 2013 pick-up trucks.

Project Justification
***(Phased Project)**

Staff units are scheduled for replacement based on a 10 year useful life. Replacement is not automatic. Before the decision to replace, every vehicle is reviewed by the Public Works mechanics and upon their recommendations the decision is made to either replace or not to replace. Continuing to budget based on a 'useful life' allows the Township to minimize repairs and maintenance costs, and receive a reasonable disposal value at the end of a unit's life. Maintaining a replacement schedule allows the division to plan into the future and avoid peaks and valleys that can be associated with unscheduled vehicle replacement.

***Project Priority Ranking**	**High 01**					
Length of Project (in Years)	**1**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	86,000	86,000	86,000		86,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	86,000	86,000	86,000	-	86,000
Total Unfunded						
Total Project Funding	**-**	**86,000**	**86,000**	**86,000**	**-**	**86,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title	**Self-Contained Breathing Apparatus**					
Work Breakdown (if it exists)	FDSC1001-01	**Category**	OTHER EQUIPMENT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		960,775	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**960,775**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Replacement of Self-Contained Breathing Apparatus.
Project Justification ***(Phased Project)**	The present self-contained breathing apparatus are nearing their end of life cycle. Transport Canada, the regulatory body for air cylinders, dictates that at fifteen (15) years the composite bottles must be replaced – for the Fire Department that will be 2023.
***Project Priority Ranking**	**Preapproval**
Length of Project (in Years)	**2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	960,775				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	960,775	-	-	-	-
Total Unfunded						
Total Project Funding	**-**	**960,775**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		10,556				
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title	**Fire Halls (Various): Space Planning**					
Work Breakdown (if it exists)	NEW	**Category**	BUILDINGS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		120,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**120,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

Majority of the existing fire halls were not originally designed for occupation by staff 24/7, and do not meet the needs to support the current composite staffing model (Career staff have taken over space originally used by Paid Call). Since the occupation of the majority of the fire halls has changed over the years and the facilities have tried to accommodate within the existing layouts, they also do not allow for efficient service delivery. The Fire Halls need to be evaluated for the current use and future use over the next 20 years, and then building improvements to occur over the next five (5) years.

Project Justification
***(Phased Project)**

The Fire Department underwent a process which identified the composite halls contributing to a slower turnout time for career members.
Paid Call staff are lacking in meeting and training rooms, and are lacking locker room shower facilities. On Call staff work areas are not centrally located in the buildings reducing response time to emergency incidents.

***Project Priority Ranking** — **High 02**

Length of Project (in Years) — **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
Total Unfunded		120,000				
Total Project Funding	**-**	**120,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title — **Emergency Preparedness Storage Facilities (Year 2)**

Work Breakdown (if it exists) — FDAC1000-01 — **Category** — BUILDINGS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		270,000	-	-	-	-
Carry Forward Amount	227,345					
Total Project Cost	**227,345**	**270,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Construct three (3) emergency preparedness storage facilities over the span of three years

Project Justification *(Phased Project)

As part of the Townships' overall Emergency Preparedness (EP) Program these storage facilities and the equipment contained within will be required for a large scale disaster/event. These storage facilities were originally approved by council in 2017, however, due to price increases for steel, labour, as well as the number of other higher priority projects within the Township the projects were delayed. Facilities have advised that the original cost of $60,000 will not be sufficient.

***Project Priority Ranking** — **Medium 01**

Length of Project (in Years) — **4**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	227,345					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	227,345	-	-	-	-	-
Total Unfunded		270,000				
Total Project Funding	**227,345**	**270,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Fire Services

Project Title	**Emergency Preparedness Equipment**					
Work Breakdown (if it exists)	FDAC1001-01	**Category**	FIREFIGHTING EQUIPMENT			

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		10,000	10,000	-	-	-
Carry Forward Amount	10,000					
Total Project Cost	**10,000**	**10,000**	**10,000**	**-**	**-**	**-**

Project Description
***(Phased Project)**

Need to Supplies & Materials for the three (3) Emergency Preparedness storage facilities .

Project Justification
***(Phased Project)**

As part of the Townships' overall Emergency Preparedness (EP) Program, materials and supplies will be required for a large scale disaster/event such as cots, blankets, generators, shelter tens, heaters, first-aid & rapid damage equipment, reception centre supplies, food, water, pet supplies, lighting equipment, etc.

***Project Priority Ranking**	**Medium 02**
Length of Project (in Years)	**Annually**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	10,000					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	10,000	-	-	-	-	-
Total Unfunded		10,000	10,000			
Total Project Funding	**10,000**	**10,000**	**10,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**						

Please Specify:

Township of Langley
Capital Project Description
Fire Services

Project Title — **Emergency Preparedness Education Program Equipment**

Work Breakdown (if it exists) — NEW — **Category** — OTHER EQUIPMENT

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		5,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**5,000**	-	-	-	-

Project Description *(Phased Project)

This project aims to expand the existing Fire Education Program to include emergency preparedness education. This expansion will require upgrading end of life equipment and procuring additional materials used for education programs in schools, public events, etc

Project Justification *(Phased Project)

As protective services already has a mandate to deliver fire education there are efficiencies in expanding this current program to include emergency preparedness.
Climate Action Strategy: HP-11 Expand Emergency Preparedness
Local climate projections forecast that the Township will see higher summer temperatures, heat waves, poor air quality, increased flooding and other extreme weather events. These incidents will impact the health and well being of residents, especially the most vulnerable. Ensuring that residents are educated on emergency preparedness will be crucial to create a resilient community.

***Project Priority Ranking** — **Medium 03**

Length of Project (in Years) — 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
Total Unfunded		5,000	-			
Total Project Funding	-	**5,000**	-	-	-	-
***Estimated Annual Operating impact**						

Please Specify:

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2021 FLEET CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	PW Vehicle & Equip Repl. Reserve
Inside	Per Review	Annual Small Equipment Replacement	62	50,000	50,000
Inside	Per Review	Annual Garage Equipment & Tools Replacement	63	20,000	20,000
Inside	Per Review	Annual Equipment Upgrading	64	50,000	50,000
Inside	Per Review	Annual Unanticipated Equipment Replacement	65	250,000	250,000
Inside	Per Review	Dump Truck (Heavy) Replacement 18-V013	66	320,000	320,000
Inside	Per Review	Dump Truck (Heavy) Replacement 23-V013	67	320,000	320,000
Inside	Per Review	Service Truck Replacement 716-V051	68	100,000	100,000
Inside	Per Review	Dump Truck (Medium) Replacement 963-V011	69	105,000	105,000
Inside	Per Review	Flat Deck Replacement 1077-V023	70	100,000	100,000
Inside	Per Review	Van Replacement 763-V043	71	90,000	90,000
Inside	Per Review	Passenger Vehicle Replacement 901-V046	72	50,000	50,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1090-V051	73	100,000	100,000
Inside	Per Review	Passenger Vehicle Replacement 805-V046	74	50,000	50,000
Inside	Per Review	Dump Truck (Medium) Replacement 1045-V012	75	105,000	105,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 104-V031	76	55,000	55,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 717-V031	77	50,000	50,000
Inside	Per Review	Passenger Vehicle Replacement 718-V031	78	55,000	55,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 730-V031	79	55,000	55,000
Inside	Per Review	Passenger Vehicle Replacement 767-V031	80	55,000	55,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 949-V032	81	65,000	65,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1040-V032	82	65,000	65,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1041-V032	83	65,000	65,000
Inside	Per Review	Ice Edger Replacement 981-E073	84	20,000	20,000
Inside	Per Review	Skid Steer Loader Replacement 984-E015	85	70,000	70,000
Inside	Per Review	Pick Up Truck (Full Size) Replacement 947-V032	86	60,000	60,000
Inside	Per Review	Van Replacement 1001-V042	87	55,000	55,000
Inside	Per Review	Van Replacement 937-V042	88	55,000	55,000
Inside	Per Review	Pick Up Truck (Full Size) Replacement 948-V032	89	60,000	60,000
Inside Total				**2,495,000**	**2,495,000**
Total				**2,495,000**	**2,495,000**

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Annual Small Equipment Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	FLTC1008-01	**Category**	FLTADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	50,000	50,000	50,000	50,000
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
Project Description ***(Phased Project)**	ANNUAL TOP-UP FUNDING ONLY. This is an annual capital project that seeks funding to replace small equipment and tools including weed eaters, blowers, trimmers, attachments, etc. which have a high use and short life cycle.					
Project Justification & Consequences of Not Proceeding ***(Phased Project)**						
***Project Priority Ranking**	**Per Review**					
Length of Project (in Years)	**Annual**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	50,000	50,000	50,000	50,000	50,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	50,000	50,000	50,000	50,000	50,000
UNFUNDED						
Total Project Funding	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Annual Garage Equipment & Tools Replacement**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): FLTC1020-01 — **Category**: FLTEUPG

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		20,000	20,000	20,000	20,000	20,000
Carry Forward Amount	-					
Total Project Cost	**-**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**

Project Description *(Phased Project)

ANNUAL TOP-UP FUNDING ONLY. This is an annual capital project that seeks funding ongoing replacement and additional purchasing of garage tools and equipment to maintain the garage's ability to keep up with a changing industry and replace worn out tools and equipment.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The Township requires tools to maintain its fleet and to adapt to continuous changes in technology within the fleet industry.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): **Annual**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	20,000	20,000	20,000	20,000	20,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	20,000	20,000	20,000	20,000	20,000
UNFUNDED						
Total Project Funding	**-**	**20,000**	**20,000**	**20,000**	**20,000**	**20,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Annual Equipment Upgrading**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	FLTC1021-01	**Category**	FLTEUPG			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	50,000	50,000	50,000	50,000
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**

Project Description *(Phased Project)	ANNUAL TOP-UP FUNDING ONLY. This is an annual capital project that seeks funding to upgrade existing fleet equipment to extend service life and modify additional inventory capabilities and functionality to suit program changes. This includes sand blasting, painting of existing equipment, and minor modifications to adapt equipment.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Equipment upgrading enables existing equipment to be modified to both extend life cycle and be adaptable to multiple uses. Without this provision, it would reduce the Township's ability to provide the required services and would lead to inefficiencies in equipment.
***Project Priority Ranking**	**Per Review**

Length of Project (in Years) **Annual**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	50,000	50,000	50,000	50,000	50,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	50,000	50,000	50,000	50,000
UNFUNDED						
Total Project Funding	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Annual Unanticipated Equipment Replacement**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	FLTC1177-01	**Category**	FLTADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	250,000	250,000	250,000	250,000
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
Project Description *(Phased Project)	ANNUAL TOP UP FUNDING ONLY. This project proposes to provide budget authority for unexpected vehicle replacement requirements throughout the year.					
Project Justification & Consequences of Not Proceeding *(Phased Project)						
***Project Priority Ranking**	**Per Review**					
Length of Project (in Years)	**Annual**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	250,000	250,000	250,000	250,000	250,000
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	250,000	250,000	250,000	250,000	250,000
UNFUNDED						
Total Project Funding	**-**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Dump Truck (Heavy) Replacement 18-V013**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTDMPH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		320,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**320,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of Dump Truck 18-V013 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2007 Sterling tandem axle dump truck with 316,000 km is past its cost effective life cycle. Sterling chassis are no longer built and parts availability is becoming a challenge, if this is not replaced work programs and winter maintenance will be impacted.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	320,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	320,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**320,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Dump Truck (Heavy) Replacement 23-V013**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTDMPH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		320,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**320,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of Dump Truck 23-V013 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2008 Sterling tandem axle dump truck with 241,000 km is past its cost effective life cycle, Sterling chassis are no longer built and parts availability is becoming a challenge, if not replaced work programs and winter maintenance will be impacted.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	320,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	320,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**320,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Service Truck Replacement 716-V051**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTTRKC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Scheduled replacement of Light Service Truck 716-V051 for Roads Operations
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	2009 Dodge chassis service body with 197,000 km is past its cost effective life cycle and will be replaced with more fuel efficient engine/ dual fuel that will have 27% GHG reduction and modern safety features.
***Project Priority Ranking**	**Per Review**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	100,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Dump Truck (Medium) Replacement 963-V011**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTDMPM

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		105,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**105,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of Medium Dump Truck 963-V011 for Parks Operations

Project Justification & Consequences of Not Proceeding *(Phased Project)

2011 Ford F450 dump body with 102,000 km has reached its cost effective life cycle and will be replaced with more fuel efficient engine/dual fuel that will have 27% GHG reduction and modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	105,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	105,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**105,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Flat Deck Replacement 1077-V023**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTFLAT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Scheduled replacement of Flat Deck 1077-V023 for Roads Operation
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	2011 Ford F450 flat deck with 77,000 km has reached its cost effective life cycle and will be replaced with more fuel efficient engine/dual fuel that will have 27% GHG reduction and modern safety features.
***Project Priority Ranking**	**Per Review**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	100,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Van Replacement 763-V043**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known) — NEW — **Category** — FLTVANS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		90,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**90,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of van 763-V043 for Facilities

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Dodge sprinter van with 77,000 km that has passed its cost effective life cycle and requires new outfitting upgrades to perform efficiently in the field and have modern safety features.

***Project Priority Ranking** — **Per Review**

Length of Project (in Years) — 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	90,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	90,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**90,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Passenger Vehicle Replacement 901-V046**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTCARS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		50,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of 901-V046, a SUV for the RCMP

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Ford Escape Hybrid with 70,000 km has past its cost effective life cycle and will be replaced with more fuel efficient or full electric vehicle with modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	50,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**50,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Pick Up Truck (Medium) Replacement 1090-V051**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTTRKM			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Scheduled replacement of medium pick up truck 1090-V051 for Utilities
Project Justification & Consequences of Not Proceeding *(Phased Project)	2012 Dodge service body with 150,000 km has reached its cost effective life cycle and will be replaced with more fuel efficient engine/dual fuel that will have 27% GHG reduction and modern safety features.
***Project Priority Ranking**	**Per Review**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	100,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Passenger Vehicle Replacement 805-V046**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTCARS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		50,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of passenger vehicle 805-V046 for the RCMP

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Ford Escape Hybrid with 48,000 km has past its cost effective life cycle and will be replaced with more fuel efficient or full electric vehicle with modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	50,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**50,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Dump Truck (Medium) Replacement 1045-V012**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTDMPM

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		105,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**105,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of dump truck 1045-V012 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2012 Ford F550 4X4 dump body with 150,000 km has reached its cost effective life cycle and will be replaced with more fuel efficient engine/dual fuel that will have 27% GHG reduction and modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	105,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	105,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**105,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Compact) Replacement 104-V031**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of compact pick up truck 104-V031 for Parks

Project Justification & Consequences of Not Proceeding *(Phased Project)

2007 Ford Ranger with 166,000 km has past its cost effective life cycle and will be replaced with more fuel efficient vehicle and safety features

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Compact) Replacement 717-V031**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		50,000				
Carry Forward Amount	-					
Total Project Cost	-	**50,000**	-	-	-	-

Project Description *(Phased Project)

Scheduled replacement of compact pick up truck 717-V031 for Utilities

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Chevrolet Colorado pick up truck with 72,000 km has past its cost effective life and will be replaced with small van to meet operational needs with modern safety features

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	50,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	-	-	-	-
UNFUNDED						
Total Project Funding	-	**50,000**	-	-	-	-
***Estimated Annual Operating impact**						

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Passenger Vehicle Replacement 718-V031**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTCARS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of passenger vehicle 718- V031 for Green Infrastructure Services

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Chevrolet Colorado pick up truck with 71,000 km has past its cost effective life and will be replaced with electric vehicle with modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Compact) Replacement 730-V031**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKC

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of compact pick up truck 730-V031 for Facilities

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Chevrolet Colorado pick up truck with 73,000 km has past its cost effective life and will be replaced more fuel efficient vehicle with modern safety features

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Passenger Vehicle Replacement 767-V031**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTCARS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of passenger vehicle 767-V031 for Transportation

Project Justification & Consequences of Not Proceeding *(Phased Project)

2010 Chevrolet Colorado pick up truck with 72,000 km has past is cost effective life and will be replaced more fuel efficient Hybrid or Electric vehicle with modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Medium) Replacement 949-V032**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKM

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		65,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**65,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of medium pick up truck 949-V032 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2011 Ford pick up truck with 211,000 km is past its cost effective life cycle cost with high mileage and maintenance costs. This vehicle is used on stand by and will be replaced with smaller size fuel efficient/dual fuel that will have 27% GHG reduction truck with more modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	65,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	65,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**65,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Medium) Replacement 1040-V032**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKF

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		65,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**65,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of medium pick up truck 1040-V032 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2012 F-250 full size pickup truck that has 130,000 km has reached it cost effective life cycle and will be replaced with same style truck with fuel efficient /dual fuel that will have 27% GHG reduction and modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	65,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	65,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**65,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Medium) Replacement 1041-V032**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKM

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		65,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**65,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of medium pick up truck 1041-V032 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2012 F-250 full size pickup truck with 172,000 km has reached it cost effective life cycle and will be replaced with same style truck with fuel efficient /dual fuel that will have 27% GHG reduction and modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	65,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	65,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**65,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Ice Edger Replacement 981-E073**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTARNA			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		20,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**20,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	Scheduled replacement of ice edger 981-E073 at George Preston Recreation Centre					
Project Justification & Consequences of Not Proceeding *(Phased Project)	The 2011 ice edger is due for replacement to keep up with life cycle and high use demand.					
***Project Priority Ranking**	**Per Review**					
Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	20,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	20,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**20,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Skid Steer Loader Replacement 984-E015**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTEUPG			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		70,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**70,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	Scheduled replacement of Skid Steer 984-E015 for Roads Operations					
Project Justification & Consequences of Not Proceeding *(Phased Project)	2011 Cat skid steer loader that has reached its cost effective life cycle with 1900 engine hours					
***Project Priority Ranking**	**Per Review**					
Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	70,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	70,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**70,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Full Size) Replacement 947-V032**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKF

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		60,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**60,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of full size pick up 947-V032 for Construction

Project Justification & Consequences of Not Proceeding *(Phased Project)

2011 Ford pick up truck with 245,000,000 km is past its cost effective life cycle with high mileage and maintenance costs. This vehicle is used on stand by and will be replaced with smaller size fuel efficient/dual fuel that will have 27% GHG reduction truck with more modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	60,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	60,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**60,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Van Replacement 1001-V042**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTVANS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Scheduled replacement of vehicle 1001-V042 for Permits Licence and Inspection Services
Project Justification & Consequences of Not Proceeding *(Phased Project)	2011 Ford transit van with 80,000 km has reached its cost effective life cycle and will be replaced with new fuel efficient vehicle or electric vehicle with modern safety features.
***Project Priority Ranking**	**Per Review**
Length of Project (in Years)	1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title	**Van Replacement 937-V042**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	FLTVANS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		55,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**55,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Scheduled replacement of van 937-V042 for Facilities
Project Justification & Consequences of Not Proceeding *(Phased Project)	2011 Ford Transit van with 98,000 km has reached its cost effective life cycle and will be replaced with fuel efficient vehicle or electric vehicle with modern safety features.
***Project Priority Ranking**	**Per Review**
Length of Project (in Years)	1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	55,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	55,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**55,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility - FLEET

Project Title — **Pick Up Truck (Full Size) Replacement 948-V032**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: FLTTRKF

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		60,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**60,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scheduled replacement of full size pick up truck 948-V032 for Roads

Project Justification & Consequences of Not Proceeding *(Phased Project)

2011 Ford pick up truck with 156,000 km is past its cost effective life cycle cost with high mileage and maintenance costs. This vehicle is used on stand by and will be replaced with smaller size fuel efficient/dual fuel that will have 27% GHG reduction truck with more modern safety features.

***Project Priority Ranking**: **Per Review**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-	60,000				
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	60,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**60,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**						
Please Specify:						

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2021 INFORMATION TECHNOLOGY CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Operating Revenue	Unfunded
Inside	High	IT Infrastructure	92	200,000	200,000	
Inside	High	Equipment Replacements	93	200,000	200,000	
Inside	High	eGovernment Framework	94	200,000	200,000	
Inside	High	Miscellaneous Information Technology Requests	95	93,000	93,000	
Inside Total				**693,000**	**693,000**	**-**
Outside	High	Fraser River Presentation Theatre A/V Upgrades	96	320,000		320,000
Outside	High	Content Management System	97	75,000		75,000
Outside	High	Office Renovations : Civic Facility 3rd Floor IT Department	98	20,000		20,000
Outside Total				**415,000**	**-**	**415,000**
Total				**1,108,000**	**693,000**	**415,000**

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title **IT Infrastructure**

Work Breakdown (if it exists) IT1001-01 **Category** ITSERVER

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	450,000	200,000	200,000	200,000
Carry Forward Amount	113,279					
Total Project Cost	**113,279**	**200,000**	**450,000**	**200,000**	**200,000**	**200,000**

Project Description *(Phased Project)

Core technology infrastructure enhancements and replacements. Upgrade or replace aging network (voice and data) infrastructure to ensure the secure and reliable delivery of core technology services. This budget also includes applicable security infrastructure. An additional $250,000 may be needed in 2022 for a full phone system replacement.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Ensure network and telephone system infrastructure meets the operational needs of the organization.

***Project Priority Ranking** **High 01**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	113,279					
Operating Revenue	-	200,000	200,000	200,000	200,000	200,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-		250,000			
Total Funded	113,279	200,000	450,000	200,000	200,000	200,000
UNFUNDED						
Total Project Funding	**113,279**	**200,000**	**450,000**	**200,000**	**200,000**	**200,000**
***Estimated Annual Operating impact**						

Please Specify:

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title	**Equipment Replacements**					
Work Breakdown (if it exists)	IT1001-36	**Category**	ITEQUIP			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	200,000	200,000	200,000	200,000
Carry Forward Amount	208,069					
Total Project Cost	**208,069**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**

Project Description *(Phased Project)	Computer equipment replacement including computers, peripherals, and other equipment.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Replacement of computer equipment at end of asset life or acquisition of new equipment based on organizational need. Failure to fund equipment replacements will result in an elevated risk of a business disruption for the organization.
***Project Priority Ranking**	**High 02**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	208,069					
Operating Revenue	-	200,000	200,000	200,000	200,000	200,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	208,069	200,000	200,000	200,000	200,000	200,000
UNFUNDED						
Total Project Funding	**208,069**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title	**eGovernment Framework**					
Work Breakdown (if it exists)	IT1001-42	**Category**	INFOTECH			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	200,000	200,000	200,000	200,000
Carry Forward Amount	80,467					
Total Project Cost	**80,467**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**

Project Description ***(Phased Project)**	Implementation of required technologies and integrations to systems to facilitate the goals and objectives of the eGovernment strategy and improve online services to the public. The request includes funds for the acquisition of additional products and external consulting to assist with eGovernment-related activities, systems integrations, and support for the Township's digital transformation to cloud technologies in the form of governance and compliance to ensure legislative requirements are achieved.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	In June of 2013, Council endorsed the eGovernment strategy, a multi-year initiative. If the project does not continue, the goals and objectives outlines in the eGovernment strategy cannot be achieved.
***Project Priority Ranking**	**High 03**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	80,467					
Operating Revenue	-	200,000	200,000	200,000	200,000	200,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	80,467	200,000	200,000	200,000	200,000	200,000
UNFUNDED						
Total Project Funding	**80,467**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title **Miscellaneous Information Technology Requests**

Work Breakdown (if it exists) IT1001-38 **Category** INFOTECH

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		93,000	93,000	93,000	93,000	93,000
Carry Forward Amount	29,401					
Total Project Cost	**29,401**	**93,000**	**93,000**	**93,000**	**93,000**	**93,000**

Project Description *(Phased Project)

Funding to address Information Technology (IT) requests and projects that come up during the year and can't be anticipated during the budget process.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Unexpected technology requirements come up during the year that have to be addressed. Without such a provision, business interruptions may occur.

***Project Priority Ranking** **High 04**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	29,401					
Operating Revenue	-	93,000	93,000	93,000	93,000	93,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	29,401	93,000	93,000	93,000	93,000	93,000
UNFUNDED						
Total Project Funding	**29,401**	**93,000**	**93,000**	**93,000**	**93,000**	**93,000**
***Estimated Annual Operating impact**						

Please Specify:

Township of Langley
Capital Project Description
Corporate Administration - Information Technology

Project Title	**Fraser River Presentation Theatre A/V Upgrades**					
Work Breakdown (if it exists)	TBD	**Category**	INFOTECH			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		320,000	-	-	-	-
Carry Forward Amount	56,000					
Total Project Cost	**56,000**	**320,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

The current A/V system in FRPT was originally deployed in 2006 and consisted of several subsystems for audio routing, multi-channel audio amplification, video, controls, voting, live camera production with a separate multi-viewer, camera control and streaming. At the time of deployment, this was a typical configuration for a Council Chambers. Since that time, several manufacturers have developed and refined purpose-built solutions that encompass all of the sub-systems we currently have deployed and provide more capabilities such as touch control, video content streaming, internal document sharing, remote participation/online meetings, digital name plates to name a few.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

The current video distribution system had a refresh in 2014. However, the heart of the system is hardware that is 13 years old and has been end of life for several years. Part of the existing deployment consists of a Crestron control processor with relay cards that provides all the logic for request to speak, voting, button and microphone feedback. There is no support for this hardware and parts are no longer available. The current audio platform is also 13 years old and we anticipate this equipment will be end of life in the near future. A failure would result in a loss of A/V capability for Council meetings and rental groups. Repairs may not be possible resulting in an outage that could span several months.

***Project Priority Ranking**	**High 05**					
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	56,000					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	56,000	-	-	-	-	-
UNFUNDED		320,000				
Total Project Funding	**56,000**	**320,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		10,000				
Please Specify:	**Annual maintenance/support for the upgraded system**					

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title — **Content Management System**

Work Breakdown (if it exists) — NEW — **Category** — CORPSERV

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		75,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**75,000**	-	-	-	-

Project Description *(Phased Project)

The Township of Langley websites (tol.ca, invest.tol.ca, and ynj.tol.ca) run on a Content Management System (CMS) that uses discontinued software and is is no longer supported. In 2019 the Township surveyed community members on their existing and preferred methods of obtaining Township information. The number one response to both questions was the website. Reliance on website technology has continuously increased over the past decade, across all demographics. Further adding to the rapidly increasing use of technology for communication and information acquisition is COVID-19, a very real example of the value of website technology for crisis communications. Updated website technology is also required to further web-enable the delivery of aditional services to the public as part of the eGovernment strategy.

Project Justification & Consequences of Not Proceeding *(Phased Project)

To continue meeting the growing needs of our community we must replace the outdated website CMS. This will significantly enhance the Township's ability to provide citizens with the online services, information, and communications they expect. Not updating the CMS system could ultimately result in technology failure (website crash), reduced service provision to tax payers when they are expecting more (especially during crises), service interuption (due to a security incident) resulting in negative public sentiment towards the Township's inability to innovate.

***Project Priority Ranking** — **High 06**

Length of Project (in Years) — 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		75,000				
Total Project Funding	-	**75,000**	-	-	-	-
***Estimated Annual Operating impact**		9,850				

Please Specify: — **Annual licensing and support fees.**

Township of Langley
Capital Project Description
Corporate Administration - INFORMATION TECHNOLOGY

Project Title — **Office Renovations : Civic Facility 3rd Floor IT Department**

Work Breakdown (if it exists) — TBD — **Category** — ADMIN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		20,000	1,181,250	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**20,000**	**1,181,250**	**-**	**-**	**-**

Project Description *(Phased Project)

To support the growth of the IT Department, and to create additional office space opportunities for the rest of the organization, the Township plans to take over the space on the 3rd floor of the Civic Facility currently occupied by the Integrated Road Safety Unit (IRSU) whose lease expires in April 2022. The plan is to fully renovate for long term growth with new furniture, offices for exempt managers and workstations for staff. The existing IT office space would be left as is with the existing furniture which fits the space and design. The IRSU space is estimated to be 6400 square feet. IT requires furniture for 42 people, 39 existing employees and 3 additional spaces for co-op students and/or consultants. Additional furniture will be purchased in the future when needed. Using the historical renovation budget figures of $145/sqft and $3500/workstation, an addition $50,000 to renovate the dedicated bathrooms (numbers provided by Facilities), plus 5% contingency, the estimated budget it $1,181,250. For 2021, the need is to engage a design company and have plans developed prior to the exist of IRSU. Estimated cost $20,000.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Not proceeding with expanding seating capacity to support IT Department growth will result in additional IT staff being located in meeting room space, seating in locations outside of IT , and/or long term work from home arrangements. Teams within IT would be separated from one another resulting in reduced operational efficiency.

***Project Priority Ranking** — **High 07**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-		-	-	-	-
UNFUNDED		20,000	1,181,250			
Total Project Funding	**-**	**20,000**	**1,181,250**	**-**	**-**	**-**
***Estimated Annual Operating impact**						

Please Specify:

2021 RECREATION CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Fitness Equip Repl'ment Reserve	Operating Revenue	Unfunded
Inside	High	Multiple Locations - Furniture and Equipment Replacement	100	25,000		25,000	
Inside	High	GPC - Program Equipment	101	50,000		50,000	
Inside Total				**75,000**	**-**	**75,000**	**-**
Outside	Medium	Multiple Locations - Recreation Equipment Replacement	102	50,000			50,000
Outside Total				**50,000**	**-**	**-**	**50,000**
Total				**125,000**	**-**	**75,000**	**50,000**

Township of Langley
Capital Project Description
Parks and Recreation

Project Title	**Multiple Locations - Furniture and Equipment Replacement**					
Work Breakdown (if it exists)	RCP1005-01	**Category**	RCFFE			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		25,000	25,000	25,000	25,000	25,000
Carry Forward Amount	56,000					
Total Project Cost	**56,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**

Project Description ***(Phased Project)**	Public space furniture at recreation facilities. Items such as tables and seating (benches and chairs) are utilized in the general public spaces, but also in room rentals, programs, and services. Current equipment is reaching the end of life span and due to high usage, has deteriorated. Folding chairs and tables are essential due to storage constraints.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	With the volume of public use, existing furniture and equipment will deteriorate to where it no longer functional.
***Project Priority Ranking**	**High 01**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	56,000					
Operating Revenue	-	25,000	25,000	25,000	25,000	25,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	56,000	25,000	25,000	25,000	25,000	25,000
UNFUNDED						
Total Project Funding	**56,000**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks and Recreation

Project Title	**GPC - Program Equipment**					
Work Breakdown (if it exists)	TBD	**Category**	RCFFE			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Equipment to furnish new and renovated space within facility to offering programs.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Existing equipment and furnishings are not adequate or non-existant for renovated spaces.
***Project Priority Ranking**	**High 02**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	50,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**50,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks and Recreation

Project Title	**Multiple Locations - Recreation Equipment Replacement**					
Work Breakdown (if it exists)	TBD	**Category**	RCPRECEQP			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	50,000	50,000	50,000	50,000
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**

Project Description *(Phased Project)	Recreation equipment used at recreation facilities. Items such as basketball hoops/backboards, net poles/stanchions, gymnastic equipment (i.e. ladders, balance beams, crash matts, etc.) are utilized during recreation programs. Current equipment is reaching the end of their lifespan and due to high usage, and has deteriorated.
Project Justification & Consequences of Not Proceeding *(Phased Project)	With the volume of use, existing recreation equipment will deteriorate to where it no longer is functional.
***Project Priority Ranking**	**Medium 01**
Length of Project (in Years)	**Ongoing**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-		50,000	50,000	50,000	50,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	50,000	50,000	50,000	50,000
UNFUNDED		50,000				
Total Project Funding	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

2021 POLICE CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	CPO Reconfiguration Reserve	Operating Revenue	Other	Unfunded
Inside	High	Non-Shared Furniture & Equipment (CPOs)	104	25,000		25,000		
Inside	High	Shared Furniture & Equipment	105	80,000		52,000	28,000	
Inside	High	CPO North Langley	106	500,000	500,000			
Inside Total				**605,000**	**500,000**	**77,000**	**28,000**	**-**
Outside	High	Admin Pool Vehicle	107	50,000			17,500	32,500
Outside Total				**50,000**	**-**	**-**	**17,500**	**32,500**
Total				**655,000**	**500,000**	**77,000**	**45,500**	**32,500**

Township of Langley
Capital Project Description
Police

Project Title	**Non-Shared Furniture & Equipment (CPOs)**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	CPO1001-05	**Category**	PROTECTIVE SERVICES - CPO OFFICES			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		25,000	25,000	25,000	25,000	25,000
Carry Forward Amount	160,685					
Total Project Cost	**160,685**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**

Project Description *(Phased Project)	Ongoing replacement of furniture or equipment for Township Community Police Offices and future relocation plans of leased CPOs.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Members and municipal staff work out of the CPOs regularly and we have ongoing needs for furniture and equipment and reorganization of spaces. As well, relocation of the leased CPO's is being planned to better meet the needs of the citizens in the Township of Langley. If funding is not approved, our Regular Members at the CPO's will go without required furniture and equipment and we will not be able to plan for future growth/relocation.
***Project Priority Ranking**	**High 01**
Length of Project (in Years)	**Ongoing**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	160,685					
Operating Revenue	-	25,000	25,000	25,000	25,000	25,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	160,685	25,000	25,000	25,000	25,000	25,000
UNFUNDED						
Total Project Funding	**160,685**	**25,000**	**25,000**	**25,000**	**25,000**	**25,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Police

Project Title **Shared Furniture & Equipment**

Work Breakdown (if it exists) PSS1001-03 **Category** PROTECTIVE SERVICES - POLICE
(Use Asset ID if exists and WrkBrk not known)

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		80,000	80,000	80,000	80,000	80,000
Carry Forward Amount	201,064					
Total Project Cost	**201,064**	**80,000**	**80,000**	**80,000**	**80,000**	**80,000**

Project Description *(Phased Project)

Furniture, equipment and renovations are required on an ongoing basis to meet the needs of the Main Detachment and staff. Areas that have been identified for 2021 are the Telecoms (911 Dispatch Room)/Switchboard Office, Street Enforcement Unit, Records archive file storage, Parade Room renovations, as well as Community Policing and Traffic Sections.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Not funding the above projects would result in the Detachment continuing to have furniture that has surpassed its lifespan by several years. The current hydraulic work stations in Telecoms are malfunctioning, parts are very expensive and hard to obtain. Due to the continual growth of the Detachment, the other identified sections and Parade Room are no longer efficient and ergonomic. These sections are overdue for replacement, need reorganization and require additional workstations.

***Project Priority Ranking** **High 02**

Length of Project (in Years) **Ongoing**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	130,691					
Operating Revenue	-	52,000	52,000	52,000	52,000	52,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: Langley City - Police Capital	70,373	28,000	28,000	28,000	28,000	28,000
Total Funded	201,064	80,000	80,000	80,000	80,000	80,000
UNFUNDED						
Total Project Funding	**201,064**	**80,000**	**80,000**	**80,000**	**80,000**	**80,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Police

Project Title	**CPO North Langley**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	New	**Category**	PROTECTIVE SERVICES - CPO OFFICES			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**500,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Relocation of Community Police Office. Require furniture and equipment for new North Langley Community Police Office.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Langley Detachment's needs are ever increasing due to growth and reorganization. We have need for furniture and equipment and reorganization of spaces and relocation of the leased CPO to better meet the needs of the citizens in the Township of Langley. If funding is not approved, and the growth issues are not addressed, this will lead to the Detachment having critical space issues and result in decreased productivity and poor working conditions.
***Project Priority Ranking**	**High 03**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: CPO Reconfiguration Reserve**	-	500,000				
Total Funded	-	500,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**500,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Police

Project Title	**Admin Pool Vehicle**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	New	**Category**	FLTCARS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Additional Fleet Pool Vehicle for members and Township staff to use for transportation to courses, meetings, seminars, and other work related duties. We have been at this same level of pool cars for many years and staff at the Detachment has grown considerably. This is third year for this request.
Project Justification & Consequences of Not Proceeding *(Phased Project)	We currently have two Admin Pool Vehicles that are used for up to 300 Members and Township Staff. Often both vehicles are signed out and staff who need a vehicle for meetings, and other work duties have to take their own vehicle and put in for mileage. Members can not use a Police car unless they are in uniform and when on courses and meetings etc, they need to drive a Pool Vehicle. Given the size of our Detachment, 2 vehicles are not sufficient.
***Project Priority Ranking**	**High 04**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Langley City - Police Capital**	-	17,500				
Total Funded	-	17,500	-	-	-	-
UNFUNDED		32,500				
Total Project Funding	**-**	**50,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		7,200	-	-	-	-
Please Specify:						

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2021 PARKS CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Climate Action Reserve	Yorkson Greenway Amenity Reserve	Neighbourhood Parkland Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other	Unfunded
Inside	Critical	Jackman Park Development	110	200,000				200,000			
Inside	Critical	Walnut Grove Trail Improvements	111	80,000				80,000			
Inside	Critical	PKS DCC Related Staffing	112	213,000				2,130	210,870		
Inside	Critical	Yorkson Community Park Development	113	3,000,000				30,000	2,970,000		
Inside	Critical	LED Lighting Upgrades: Various Park Locations	114	100,000	85,000					15,000	
Inside	Critical	SW Yorkson Neighbourhood Park	115	1,300,000				13,000	1,287,000		
Inside	Critical	NE Latimer Neighbourhood Park	116	1,350,000		150,000			1,200,000		
Inside	Critical	Street Tree Plantg Nrd	117	100,000						100,000	
Inside	Critical	Tree Planting Program	118	180,000						180,000	
Inside	Critical	Annual Skatepark Improvements and Repairs	119	100,000				100,000			
Inside	Critical	McClughan Park: Bridge Repairs	120	35,000				35,000			
Inside	Critical	Topham Park Passive Area	121	35,000				35,000			
Inside	Critical	Ponder Park Shelter Roof Replacement	122	75,000				75,000			
Inside	High	Yorkson Creek Bridge Replacement	123	650,000				650,000			
Inside	High	Annual Cemetery Improvements: Fort Langley	124	520,000				520,000			
Inside	High	Williams Park Trail Improvements	125	100,000				100,000			
Inside	Medium	McClughan Park Improvements	126	130,000				-	120,000	10,000	
Inside	Medium	Parks Miscellaneous Capital Projects	127	75,000				75,000			
Inside	Medium	Replacement Tree Planting: Bylaw 5478	128	10,000						10,000	
Inside	Medium	Derek Doubleday Arboretum Trails	129	250,000						250,000	
Inside	Medium	Annual Cemetery Improvements: Langley Lawn	130	51,393				51,393			
Inside Total				**8,554,393**	**85,000**	**150,000**	**-**	**1,966,523**	**5,787,870**	**565,000**	**-**
Placeholder		Parkland Property Acquisition	131	13,000,000				130,000	12,870,000		
Placeholder		Parkland Property (funded by Neighbourhood Parkland Reserve)	132	7,000,000			7,000,000				
Placeholder		Unidentified Externally Funded Projects	133	2,000,000						2,000,000	
Placeholder Total				**22,000,000**	**-**	**-**	**7,000,000**	**130,000**	**12,870,000**	**2,000,000**	**-**
Outside	Medium	Annual Cemetery Improvements: Langley Lawn	130	48,607							48,607
Outside	Medium	Annual Cemetery Improvements: Murrayville	134	100,000							100,000
Outside	Medium	Glen Valley Trail Connections	135	125,000							125,000
Outside	Medium	Trans Canada Trail at 102 Avenue Upgrade	136	210,000							210,000
Outside	Medium	James Kennedy Drainage	137	100,000							100,000
Outside	Medium	Noel Booth Centre Drainage	138	75,000							75,000
Outside	Medium	West Langley Park Drainage and Irrigation	139	200,000							200,000
Outside	Medium	Annual Tennis Courts Upgrading Program	140	120,000							120,000
Outside	Medium	Yorkson Flood Plain Park Trails & Parking	141	100,000							100,000
Outside	Medium	Willoughby Passive Park Trails	142	100,000							100,000
Outside Total				**1,178,607**	**-**	**-**	**-**	**-**	**-**	**-**	**1,178,607**
Total				**31,733,000**	**85,000**	**150,000**	**7,000,000**	**2,096,523**	**18,657,870**	**2,565,000**	**1,178,607**

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Jackman Park Development**					
Work Breakdown (if it exists)	JWP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Parking lot relocation required due to repurposing of existing parking area.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Parking is required to fulfill Township obligations of lease agreements with 2 user groups.
***Project Priority Ranking**	**CRITICAL 01**

Length of Project (in Years)	**2**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	200,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	200,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**200,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	5,000	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Walnut Grove Trail Improvements**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		80,000	200,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**80,000**	**200,000**	**-**	**-**	**-**

Project Description *(Phased Project)	Boardwalk replacement at 96 Avenue and 208 Street Design (2021) Construction (2022). Extension of Walnut Grove Trail at approximately the 20400 block of 88 Avenue in coordination with development. (2021)
Project Justification & Consequences of Not Proceeding *(Phased Project)	The existing boardwalk south of 96 Avenue has been closed to the public to ensure public safety. There is a missing section of trail in Walnut Grove. This project proposes to complete the trail to ensure public safety through connectivity.
***Project Priority Ranking**	**CRITICAL 02**
Length of Project (in Years)	**2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	80,000	200,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	80,000	200,000	-	-	-
UNFUNDED						
Total Project Funding	**-**	**80,000**	**200,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	2,250	-	-	-

Please Specify:

Capital Project Description
Parks Utility

Project Title	**PKS DCC Related Staffing**					
Work Breakdown (if it exists)	PKSP1005-01	**Category**	PRKADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		213,000	213,000	213,000	213,000	213,000
Carry Forward Amount	-					
Total Project Cost	**-**	**213,000**	**213,000**	**213,000**	**213,000**	**213,000**
Project Description *(Phased Project)	Recovery funding for Landscape Architect and Landscape Design Coordinator in Parks, Design and Development Department.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Park design and project supervision is required due to ongoing development of new park projects					
***Project Priority Ranking**	**CRITICAL 03**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	2,130	2,130	2,130	2,130	2,130
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	210,870	210,870	210,870	210,870	210,870
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	213,000	213,000	213,000	213,000	213,000
UNFUNDED						
Total Project Funding	**-**	**213,000**	**213,000**	**213,000**	**213,000**	**213,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Yorkson Community Park Development**						
Work Breakdown (if it exists)	YCP1002-01		**Category**	PRKDEV			
	2020 CFWD		**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount			3,000,000	3,500,000	3,500,000	3,500,000	3,500,000
Carry Forward Amount	2,214,013						
Total Project Cost	**2,214,013**	-	**3,000,000**	**3,500,000**	**3,500,000**	**3,500,000**	**3,500,000**

Project Description *(Phased Project)	Phased construction of new 52 acre Community Park in Yorkson. For 2021: Construction of a washroom building, spraypark, play area, picnic shelter, trails and landscaping
Project Justification & Consequences of Not Proceeding *(Phased Project)	Continued development of the Yorkson Community Park is required to meet the needs of residents in Willoughby. This is a significant public open space amenity that will serve the high density residential developments in the Yorkson area. This is a multi phased park development project. Work planned for 2020 was delayed due to COVID-19 related to financial impact, but began late in the year and will continue into 2021.
***Project Priority Ranking**	**CRITICAL 04**

Length of Project (in Years)	**10**						
Proposed Funding Source	**2020 CFWD**		**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	276,078						
Operating Revenue	-		30,000	35,000	35,000	35,000	35,000
Prior Year's Surplus	-						
Federal/Provincial/Other Grants	-						
Development Cost Charges (DCCs)	1,937,935		2,970,000	3,465,000	3,465,000	3,465,000	3,465,000
Capital Works Reserve	-						
Equipment Replacement Reserve	-						
Land Reserve	-						
Infrastructure Reserve	-						
Local Area Service (LAS) Reserve	-						
Municipal Finance Authority (MFA)	-						
TransLink	-						
ICBC	-						
Internal Debt	-						
*Other: _____	-						
Total Funded	2,214,013	-	3,000,000	3,500,000	3,500,000	3,500,000	3,500,000
UNFUNDED							
Total Project Funding	**2,214,013**		**3,000,000**	**3,500,000**	**3,500,000**	**3,500,000**	**3,500,000**
***Estimated Annual Operating impact**			138,152	-	-	-	-
Please Specify:							

Township of Langley
Capital Project Description
Parks Utility

Project Title	**LED Lighting Upgrades: Various Park Locations**					
Work Breakdown (if it exists)	NEW	**Category**	PRKOPS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

For 2021: To conduct a detailed park lighting inventory, assessment and costing study, and to pilot a LED field lighting retrofit kit at Walnut Grove Community Park. The new LED retrofit kit technology will be installed on the sport playing fields, and provide the same benefits of LED lighting at a lower cost compared to full fixture replacements.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

Due to limited electrical capacity at Walnut Grove Community Park and the energy consumption of the current field lighting, all park lights cannot be turned on simultaneously. Converting the field lighting to LED would reduce the energy demand and possibly allow for all fields to be turned on simultaneously without expensive electrical service upgrades. This could also allow for the installation of additional field lights for unlit fields.

Compared to the current metal halide field lighting technology, LED lighting provides better light output and distribution with much lower energy demand. Due to the longer life of LED lighting fixtures, this upgrade would result in significant maintenance savings. The pilot will seek to test a new retrofit technology which offers a lower cost alternative to upgrading field lights to full fixtures which could be implemented in other parks.

Climate Action Strategy: IN-22 Convert all existing park lighting to LED
In addition to the utility and maintenance cost savings, the conversion to LED field lighting will support the Township in meeting the adopted emission reduction targets and other objectives of the Climate Action Strategy such as maximizing energy efficiency in all new and existing buildings and facilities.

***Project Priority Ranking**	**CRITICAL 05**					
Length of Project (in Years)	**2**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Federal/Provincial/Other Grants	-	15,000				
***Other: Climate Action Reserve**	-	85,000				
Total Funded	-	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**SW Yorkson Neighbourhood Park**					
Work Breakdown (if it exists)	SWYP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,300,000	-	-	-	-
Carry Forward Amount	50,000					
Total Project Cost	**50,000**	**1,300,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

Design and Construction of a neighbourhood park to serve the southwest quadrant of Yorkson at 204B Street and 78 Avenue. School construction started in 2019, putting park construction behind schedule to be open in conjunction with School opening September 2021. Further delays in park construction will result in school being open with no park facilities in place. Park concept includes 2 sand turf playing fields, a playground area, trails and landscaped areas.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

Development is occurring in this quadrant of Yorkson and new residents expect to have access to a neighbourhood park. The Neighbourhood Control Plan identifies a neighbourhood park in this area. Property acquisition is complete. The School District is proceeding with school construction and is on schedule for opening in Sept of 2021. Field needs one year grow in period so even if seeded in 2021, it will not be available for use until 2022.

***Project Priority Ranking** — **CRITICAL 06**

Length of Project (in Years) — **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	500					
Operating Revenue	-	13,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	49,500	1,287,000				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	50,000	1,300,000	-	-	-	-
UNFUNDED						
Total Project Funding	**50,000**	**1,300,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		106,390	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Parks Utility

Project Title	**NE Latimer Neighbourhood Park**					
Work Breakdown (if it exists)	NELP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,350,000	-	-	-	-
Carry Forward Amount	25,758					
Total Project Cost	**25,758**	**1,350,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	The design and construction of a new neighbourhood park in NE Latimer. This is a joint park/school site and park development should coincide with neighbourhood and school development. Park concept includes 2 sand turf playing fields, a playground area, trails and landscaped areas on a site north of 82nd Ave and east of 201 Street.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Development is occurring in this quadrant of Latimer and new residents expect to have access to a neighbourhood park. The Neighbourhood Control Plan identifies a neighbourhood park in this area. If the neighbourhood park is not built, new residents will not have access to playing fields in their neighbourhood and the adjacent school children will not have access to outdoor play spaces during the school week. Consultant work in 2020. School is anticipated to open in Sept 2022, since fields require 1 year of growing time before opening seeding will need to occur in 2021.
***Project Priority Ranking**	**CRITICAL 07**
Length of Project (in Years)	**3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	258					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	25,500	1,200,000				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Greenway Amenity Fund**	-	150,000				
Total Funded	25,758	1,350,000	-	-	-	-
UNFUNDED						
Total Project Funding	**25,758**	**1,350,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		111,053	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Street Tree Plantg Nrd**					
Work Breakdown (if it exists)	UFT1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	100,000	100,000	100,000	100,000
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
Project Description *(Phased Project)	Street tree planting program using Non Refundable Deposits from developers to plant trees in new subdivisions under 10 lots in size.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Trees provide many environmental benefits including stormwater capture, shade, habitat, sound absorption, carbon sequestration.					
***Project Priority Ranking**	**CRITICAL 08**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: NRDs**	-	100,000	100,000	100,000	100,000	100,000
Total Funded	-	100,000	100,000	100,000	100,000	100,000
UNFUNDED						
Total Project Funding	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
***Estimated Annual Operating impact**			7,500	7,500	7,500	7,500
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Tree Planting Program**					
Work Breakdown (if it exists)	UFT1002-01		**Category**	PRKDEV		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		180,000	180,000	180,000	180,000	180,000
Carry Forward Amount	119,718					
Total Project Cost	**119,718**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**

Project Description ***(Phased Project)**	Replacement tree planting program. Using developer contributions for required replacement trees to plant new trees where none exist in parks and conservation areas.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Trees provide many environmental benefits including stormwater capture, shade, habitat, sound absorption, carbon sequestration.
***Project Priority Ranking**	**CRITICAL 09**

Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Non Refundable Deposit (NRD)**	119,718	180,000	180,000	180,000	180,000	180,000
Total Funded	119,718	180,000	180,000	180,000	180,000	180,000
UNFUNDED						
Total Project Funding	**119,718**	**180,000**	**180,000**	**180,000**	**180,000**	**180,000**
***Estimated Annual Operating impact**			13,500	13,500	13,500	13,500
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Annual Skatepark Improvements and Repairs**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	250,000	250,000	250,000	250,000
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**250,000**	**250,000**	**250,000**	**250,000**
Project Description *(Phased Project)	This annual program seeks funding to repair existing skateparks throughout the Township.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Various skateboard parks throughout the Township are deteriorating due to age. All facilities were assessed in 2017 by Newline Skatepark consultants and recommendations were provided for repairs, improvements and redesign to accommodate current preferences in skateboard park deign. 5 year phased implementation of the recommendations are proposed					
***Project Priority Ranking**	**CRITICAL 10**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	100,000	250,000	250,000	250,000	250,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	100,000	250,000	250,000	250,000	250,000
UNFUNDED						
Total Project Funding	**-**	**100,000**	**250,000**	**250,000**	**250,000**	**250,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Capital Project Description
Parks Utility

Project Title	**McClughan Park: Bridge Repairs**					
Work Breakdown (if it exists)	MCP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		35,000	-	-	-	-
Carry Forward Amount	4,676					
Total Project Cost	**4,676**	**35,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Funds required for construction of replacement footings and bridge supports to repair deteriorating and undermined bridge structure. Design work completed in 2020
Project Justification & Consequences of Not Proceeding *(Phased Project)	The crossing provides access for pedestrians between east and west Walnut Grove on the comprehensive trail system. Not keeping the bridge in good repair will put pedestrians at risk and will result in closing off a major connection point.
***Project Priority Ranking**	**CRITICAL 11**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	4,676					
Operating Revenue	-	35,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	4,676	35,000	-	-	-	-
UNFUNDED						
Total Project Funding	**4,676**	**35,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Topham Park Passive Area**					
Work Breakdown (if it exists)	TPP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		35,000	40,000	-	-	-
Carry Forward Amount	8,623					
Total Project Cost	**8,623**	**35,000**	**40,000**	**-**	**-**	**-**
Project Description *(Phased Project)	Asphalting existing gravel parking lot at Topham Park					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Paving parking lot will reduce ongoing maintenance and improve use of parking lot that services the community garden area of the park.					
***Project Priority Ranking**	**CRITICAL 12**					
Length of Project (in Years)	**2**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	87					
Operating Revenue	-	35,000	40,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	8,536					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	8,623	35,000	40,000	-	-	-
UNFUNDED						
Total Project Funding	**8,623**	**35,000**	**40,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		3,500	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Ponder Park Shelter Roof Replacement**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		75,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**75,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	To replace the failing roof at the Ponder Park picnic shelter.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	The integrity of the roof structure will be impacted if the roof is not replaced and potentially affect park users' ability to utilize the shelter.					
***Project Priority Ranking**	**CRITICAL 13**					
Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	75,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	75,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**75,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Yorkson Creek Bridge Replacement**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		650,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**650,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	Replace the existing wood gluelam beam style bridge with a prefab steel bridge.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	The existing bridge has failed and has been closed to the public for several months. This crossing of Yorkson Creek is required to maintain the pedestrian trail connection in Walnut Grove.					
***Project Priority Ranking**	**HIGH 01**					
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	650,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	650,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**650,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Annual Cemetery Improvements: Fort Langley**					
Work Breakdown (if it exists)	NEW		**Category**	PRKDEV		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		520,000	60,000	-	250,000	-
Carry Forward Amount	-					
Total Project Cost	**-**	**520,000**	**60,000**	**-**	**250,000**	**-**

Project Description *(Phased Project)	This project proposes to undertake improvements to Fort Langley Cemetery. Works proposed for 2021 include design and construction of water and sewer services, undergrounding hydro (210K), installation of irrigation, fencing, trees, soft and hard landscapes (310K) and installation of a mausoleum in the northern portion of the cemetery. In 2022 works include installation of two additional niche walls (60K).
Project Justification & Consequences of Not Proceeding *(Phased Project)	In 2019 Council received the Cemetery Operation Review, identifying improvements for the Township's cemeteries required to ensure adequate design and inventory of burial options for the future.
***Project Priority Ranking**	**HIGH 02**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	520,000	60,000		250,000	
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Specify**	-					
Total Funded	-	520,000	60,000	-	250,000	-
UNFUNDED						
Total Project Funding	**-**	**520,000**	**60,000**	**-**	**250,000**	**-**
***Estimated Annual Operating impact**		18,475	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Williams Park Trail Improvements**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	100,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**100,000**	**-**	**-**	**-**

Project Description *(Phased Project)	Resurfacing of natural trails to upgrade to granular. This will extend to the network of formalized trails in the southern half of the park and connect to pedestrian entrances along 64 Ave.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Williams Park contains an extensive network of natural trails that have been used by park visitors for decades. As park use continues to increase these trails require improvements to prevent damage to natural assets and decrease risk to pedestrians.
***Project Priority Ranking**	**HIGH 03**

Length of Project (in Years)	**2**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	100,000	100,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	100,000	100,000	-	-	-
UNFUNDED						
Total Project Funding	**-**	**100,000**	**100,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		12,500	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**McClughan Park Improvements**					
Work Breakdown (if it exists)	MCP1001-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		130,000	-	-	-	-
Carry Forward Amount	119,899					
Total Project Cost	**119,899**	**130,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Redevelop the west side of McClughan Park to better utilize this public space. Improvements to include converting the existing ball field area to a dog off-leash park, adding community garden beds, provide a picnic shelter and prefab toilet unit.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Discussions with neighbourhood has indicated support for better utilizing this part of the park. Currently there is only one dog off-leash park in the eastern portion of Walnut Grove. The ball field, located on the east side of 204 Street no longer gets booked and shows no signs of use from local residences. There are two diamonds directly across the street. The local schools would like a covered picnic shelter to be able to use the park for environmental education. Community gardens in Walnut Grove all have waiting lists so more spaces are needed. Work started in 2020 and will continue through 2021.
***Project Priority Ranking**	**MEDIUM 01**
Length of Project (in Years)	**2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	49,958					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	49,958	120,000				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Community Fundraising**	19,983	10,000				
Total Funded	119,899	130,000	-	-	-	-
UNFUNDED						
Total Project Funding	**119,899**	**130,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		24,276	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Parks Miscellaneous Capital Projects**					
Work Breakdown (if it exists)	PKSP1018-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		75,000	75,000	75,000	75,000	75,000
Carry Forward Amount	-					
Total Project Cost	**-**	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
Project Description ***(Phased Project)**	This funding is for minor capital projects that come up during the year.					
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Unexpected and/or emergent projects require unanticipated funding.					
***Project Priority Ranking**	**MEDIUM 02**					
Length of Project (in Years)	**5**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	75,000	60,000	75,000	75,000	75,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	75,000	60,000	75,000	75,000	75,000
UNFUNDED			15,000			
Total Project Funding	**-**	**75,000**	**75,000**	**75,000**	**75,000**	**75,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Replacement Tree Planting: Bylaw 5478**					
Work Breakdown (if it exists)	UFT1005-01	**Category**	PRKOPS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		10,000	10,000	10,000	10,000	10,000
Carry Forward Amount	-					
Total Project Cost	**-**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**

Project Description *(Phased Project)	Replacement tree planting program through funds received in accordance with Tree Protection Bylaw 2019 No. 5478.
Project Justification & Consequences of Not Proceeding *(Phased Project)	To retain the urban canopy, Bylaw 5478 includes the requirement for tree replacement fund remittance where a property owner does not plant a tree on their own property. This project provides the budget authority to expend these funds to plant trees throughout the Township.
***Project Priority Ranking**	**MEDIUM 03**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: NRDTRP-01**	-	10,000	10,000	10,000	10,000	10,000
Total Funded	-	10,000	10,000	10,000	10,000	10,000
UNFUNDED						
Total Project Funding	**-**	**10,000**	**10,000**	**10,000**	**10,000**	**10,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Derek Doubleday Arboretum Trails**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	250,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**250,000**	**-**	**-**	**-**
Project Description *(Phased Project)	Trail connections to provide pedestrian and recreational cyclist connections between Derek Doubleday Arboretum, Berry Farm and McLeod Athletic Park.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	A well connected complex of public spaces will encourage visitors to access all public facilities. A good portion of trail connections currently exist but some key watercourse crossings and trail connections are needed to complete an overall looped trail complex. Trail connectivity will provide for better utilization of individual parking areas spread throughout the various sites, providing for efficiencies.					
***Project Priority Ranking**	**MEDIUM 04**					
Length of Project (in Years)	**3**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: Community Amenity Contributior	-	250,000	250,000			
Total Funded	-	250,000	250,000	-	-	-
UNFUNDED						
Total Project Funding	**-**	**250,000**	**250,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		12,500	12,500	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Annual Cemetery Improvements: Langley Lawn**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	100,000	100,000	100,000	100,000
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

Project Description
***(Phased Project)**

This project proposes an annual Capital account to undertake improvements to Langley Lawn Cemetery. In 2021, works proposed include removal of an existing storage area to facilitate design and construction of a new compound, covered storage area, and shop beside 44 Avenue. In 2022, design and construction of a green burial area.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

In 2019 Council received the Cemetery Operation Review, identifying improvements for the Township's cemeteries required to ensure adequate design and inventory of burial options for the future.

***Project Priority Ranking** **MEDIUM 05**

Length of Project (in Years) **ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	51,393	100,000	100,000	100,000	100,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	51,393	100,000	100,000	100,000	100,000
UNFUNDED		48,607				
Total Project Funding	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
***Estimated Annual Operating impact**		17,500	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Parkland Property Acquisition**					
Work Breakdown (if it exists)	PKSP0000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		13,000,000	13,000,000	13,000,000	13,000,000	13,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**13,000,000**	**13,000,000**	**13,000,000**	**13,000,000**	**13,000,000**
Project Description *(Phased Project)	Purchase of community and municipal level parkland utilizing Park DCC's. Specific property purchases require Council approval to proceed.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Acquisition of parkland is required to allow community development to proceed and to provide park space for incoming residents. Purchase of strategic properties in advance of development will use these funds efficiently for parks. Specific property purchases require Council approval to proceed.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**5**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	130,000	130,000	130,000	130,000	130,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	12,870,000	12,870,000	12,870,000	12,870,000	12,870,000
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	-	13,000,000	13,000,000	13,000,000	13,000,000	13,000,000
UNFUNDED						
Total Project Funding	**-**	**13,000,000**	**13,000,000**	**13,000,000**	**13,000,000**	**13,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Parkland Property (funded by Neighbourhood Parkland Reserve)**					
Work Breakdown (if it exists)	PKSP0001-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		7,000,000	7,000,000	7,000,000	7,000,000	7,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**
Project Description *(Phased Project)	Purchase of parkland utilizing Neighbourhood Parkland Acquisition Fees. Specific property purchases require Council approval to proceed.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Acquisition of parkland is required to allow neighbourhood development to proceed and to provide park space for incoming residents. Specific property purchases require Council approval to proceed.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Neighbourhood Parkland Reserve**	-	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000
Total Funded	-	7,000,000	7,000,000	7,000,000	7,000,000	7,000,000
UNFUNDED						
Total Project Funding	**-**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**	**7,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Unidentified External Funded P**					
Work Breakdown (if it exists)	PKSP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**
Project Description *(Phased Project)	Placeholder for unidentified capital projects that may arise in the Parks Utility					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Placeholder for unidentified capital projects that may arise in the Parks Utility.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Total Funded	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
UNFUNDED						
Total Project Funding	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Annual Cemetery Improvements: Murrayville**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

This project proposes an annual Capital account to undertake improvements to Murrayville Cemetery. In 2021, works proposed include installation of 2 niche walls, fencing and landscaping.

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

In 2019 Council received the Cemetery Operation Review, identifying improvements for the Township's cemeteries required to ensure adequate design and inventory of burial options for the future.

***Project Priority Ranking**	**MEDIUM 06**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		100,000				
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		5,250	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Glen Valley Trail Connections**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		125,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**125,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Construction of a granular trail to connect McLellan Natural Forest with the Trans Canada Trail and Fraser River Foreshore in the 25000 block of 88 Avenue.
Project Justification & Consequences of Not Proceeding *(Phased Project)	A public right of way has recently been acquired from the current property owner and construction should occur immediately to establish the public use of this trail corridor.
***Project Priority Ranking**	**MEDIUM 07**

Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		125,000				
Total Project Funding	**-**	**125,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		12,500	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Trans Canada Trail at 102 Avenue Upgrade**					
Work Breakdown (if it exists)	TBD	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		210,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**210,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	Convert gravel trail surface to asphalt trail surface					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Water run off from 102B Avenue and neighbouring properties is eroding the gravel surface on this section of the Trans Canada Trail, creating slip and trip hazards. Additionally, grass vegetation from the ditches continually encroaches into the gravel, also contributing to slip hazards when it is wet. Converting the trail to asphalt will reduce maintenance requirements to mow back vegetation, and fill in ruts and washouts.					
***Project Priority Ranking**	**MEDIUM 08**					
Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		210,000				
Total Project Funding	**-**	**210,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**James Kennedy Drainage**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	Installation of slit drains to connect with existing underground drains on existing soil based field at James Kennedy Park.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Improved turf management and increased days of play for soccer season.					
***Project Priority Ranking**	**MEDIUM 09**					
Length of Project (in Years)	**1**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		100,000				
Total Project Funding	**-**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Noel Booth Centre Drainage**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		75,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**75,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	New drainage system in centre softball fields of Noel Booth Park.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Inability to start ball season on time if there is inclement weather.
***Project Priority Ranking**	**MEDIUM 10**

Length of Project (in Years)	**1**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		75,000				
Total Project Funding	**-**	**75,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**West Langley Park Drainage and Irrigation**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**-**	**-**	**-**	**-**
Project Description *(Phased Project)	To add drainage and irrigation to the existing soil based field at West Langley Park					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Upgrades will improve safety and playability of field.					
***Project Priority Ranking**	**MEDIUM 11**					
Length of Project (in Years)	1					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		200,000				
Total Project Funding	**-**	**200,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Annual Tennis Courts Upgrading Program**					
Work Breakdown (if it exists)	TCUP1000-01	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		120,000	120,000	60,000	60,000	60,000
Carry Forward Amount	-					
Total Project Cost	**-**	**120,000**	**120,000**	**60,000**	**60,000**	**60,000**
Project Description *(Phased Project)	Colour coat surfacing program of 2 tennis courts per year. 2021 - Noel Booth Community Park					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Tennis court facilities require resurfacing on a 7-10 year cycle. Colour coat surfacing program of 2 tennis courts per year. 2021 - Noel Booth Community Park					
***Project Priority Ranking**	**MEDIUM 12**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-		120,000	60,000	60,000	60,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	120,000	60,000	60,000	60,000
UNFUNDED		120,000				
Total Project Funding	**-**	**120,000**	**120,000**	**60,000**	**60,000**	**60,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Yorkson Flood Plain Park Trails & Parking**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	200,000	200,000	200,000	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**200,000**	**200,000**	**200,000**	**-**
Project Description *(Phased Project)	Trail and parking lot construction at this new passive park location in the 9900 block of 208 Street. Design work in year one.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Trails required to provide safe and controlled access to the site.					
***Project Priority Ranking**	**MEDIUM 13**					
Length of Project (in Years)	**5**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-		39,893	200,000	200,000	
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	39,893	200,000	200,000	-
UNFUNDED		100,000	160,107			
Total Project Funding	**-**	**100,000**	**200,000**	**200,000**	**200,000**	**-**
***Estimated Annual Operating impact**			-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Parks Utility

Project Title	**Willoughby Passive Park Trails**					
Work Breakdown (if it exists)	NEW	**Category**	PRKDEV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	200,000	250,000	400,000	-
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**200,000**	**250,000**	**400,000**	**-**
Project Description *(Phased Project)	Trail construction at Tara Farms property. Future phases will require parking lot, washroom facility, site improvements.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Trails will provide public access to new passive park features and assist in managing access around existing trees and vegetation.					
***Project Priority Ranking**	**MEDIUM 14**					
Length of Project (in Years)	**5**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-			50,000	269,393	
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	-	-	50,000	269,393	-
UNFUNDED		100,000	200,000	200,000	130,607	
Total Project Funding	**-**	**100,000**	**200,000**	**250,000**	**400,000**	**-**
***Estimated Annual Operating impact**		18,750	-	-	-	-
Please Specify:						

2021 STORMWATER CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Local Area Service Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other	Unfunded
Inside	Critical	Annual Stormwater Infrastructure Replacement	144	1,300,000		1,300,000			
Inside	Critical	East Munday Creek Bank Erosion	145	150,000		150,000			
Inside	Critical	Stormwater Climate Change Adaptation Study	146	300,000		300,000			
Inside	Critical	Stormwater System Climate Change Integration Plan	147	100,021		100,021			
Inside	High	Yorkson Lowlands - Stormwater Attenuation and Wetland Restoration	148	1,173,280				1,173,280	
Inside Total				**3,023,301**	**-**	**1,850,021**	**-**	**1,173,280**	**-**
Placeholder		Annual Local Area Service (LAS) Program - Stormwater	149	200,000	200,000				
Placeholder		Unidentified Externally Funded Projects	150	1,500,000				1,500,000	
Placeholder Total				**1,700,000**	**200,000**	**-**	**-**	**1,500,000**	**-**
Outside	Critical	Stormwater System Climate Change Integration Plan	147	49,979					49,979
Outside	High	Storm Sewer Improvements: 224 Street Murrayville	151	550,000			346,500		203,500
Outside	High	Annual ISMP Implementation	152	400,000					400,000
Outside	Medium	Ditch Improvements: 216 Street Murrayville	153	570,000					570,000
Outside	Medium	Annual Stormwater Utility Contingency	154	250,000					250,000
Outside	Medium	Annual Slope Stability: Various Locations	155	400,000					400,000
Outside Total				**2,219,979**	**-**	**-**	**346,500**	**-**	**1,873,479**
Total				**6,943,280**	**200,000**	**1,850,021**	**346,500**	**2,673,280**	**1,873,479**

Township of Langley
Capital Project Description
Stormwater Utility

Project Title — **Annual Stormwater Infrastructure Replacement**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): STW1114-01 — **Category**: STWCULV

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		1,300,000	2,000,000	2,000,000	2,000,000	2,000,000
Carry Forward Amount	442,668					
Total Project Cost	**442,668**	**1,300,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**

Project Description *(Phased Project)

This is an annual capital project that seeks funding for stormwater infrastructure. Projects for 2021 include:

- Drainage Repairs: 36 Avenue and 236 Street $250,000
- Culvers Replacement: 22500 to 22800 Block of 16 Avenue $300,000
- Culvert and Lock Block Retaining Wall Replacement: 24400 Block of 16 Avenue $250,000
- Culvert Replacement: 800 Block of 224 Street $300,000
- Culvert replacement: 44 Avenue 21500 block $1,000,000
- Nicomekl Culvert Replacement: 21700 Block of 64 Avenue $500,000

Project Justification *(Phased Project)

In order to complete works during the annual Fisheries window in the summer, requests for proposal for design are circulated late in the year. Detailed design and associated cost estimates are not available until the new year, resulting in difficulty identifying funding envelopes for these projects.

***Project Priority Ranking**: **CRITICAL 01**

Length of Project (in Years): **ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	442,668					
Operating Revenue	-	1,300,000	1,850,021	1,850,021	1,850,021	1,850,021
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	442,668	1,300,000	1,850,021	1,850,021	1,850,021	1,850,021
UNFUNDED			149,979	149,979	149,979	149,979
Total Project Funding	**442,668**	**1,300,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**

Estimated Operating Impact:

Please Specify:
i.e. Annual Licensing fees

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**East Munday Creek Bank Erosion**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	STWSLPE			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Stabilization of the bank and re-alignment of the creek channel on East Munday Creek, east of 214A Street and south of 96 Avenue.
Project Justification ***(Phased Project)**	Ongoing bank erosion is occurring along East Munday Creek within a Township ROW, east of 214A and south of 96 Avenue. Works are required to prevent continued erosion and potential damage to private property.
***Project Priority Ranking**	**CRITICAL 02**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	150,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	150,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**150,000**	**-**	**-**	**-**	**-**
Estimated Operating Impact:						
Please Specify:						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Stormwater Climate Change Adaptation Study**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	STWFLOO			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		300,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**300,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Stormwater study to evaluate the performance of major existing and aging stormwater infrastructure and systems in all areas of the Township considering climate change. Determine flooding impacts, routes and extents. Develop a plan to address deficiencies, build resilience and direct capital project planning.
Project Justification ***(Phased Project)**	Not planning for climate change will cause the Township to act reactively to climate change related flooding, significantly increasing costs and damage.
***Project Priority Ranking**	**CRITICAL 03**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	300,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	300,000	-	-	-	-
UNFUNDED		-				
Total Project Funding	**-**	**300,000**	**-**	**-**	**-**	**-**
Estimated Operating Impact:						
Please Specify:						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Stormwater System Climate Change Integration Plan**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	STWDESN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Climate change stormwater integration review. Reviewing the impacts of the revisions for climate change to the rainfall data in the 2019 Subdivision & Development Servicing Bylaw on stormwater infrastructure design and integration with the existing & future system. Develop a guide for applying the rainfall data to the various scenarios occurring in the Township.
Project Justification ***(Phased Project)**	The impacts are currently being evaluated on a case by case basis. This is time consuming for staff and leads to uncertainty for the developers. A clear framework for applying the new rainfall data would provide a clear understanding of expectations as well as more efficient staff review.
***Project Priority Ranking**	**CRITICAL 04**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	100,021				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	100,021	-	-	-	-
UNFUNDED		49,979				
Total Project Funding	**-**	**150,000**	**-**	**-**	**-**	**-**
Estimated Operating Impact:						
Please Specify:						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title — **Yorkson Lowlands - Stormwater Attenuation and Wetland Restoration**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): STW1167-01 — **Category**: STWISMP

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		1,173,280	-	-	-	-
Carry Forward Amount	64,649					
Total Project Cost	**64,649**	**1,173,280**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Develop increased stormwater storage capacity at the TOL property (151063) located immediately west of 9998 208th Avenue. The project concept includes terra-forming the site to create a series of permanent and seasonal storage ponds, re-aligning parts of east and West Munday creeks and increasing the ecological capacity of the site for water quality treatment by establishing native wetland tree and plant species. This site was identified in the Yorkson Creek Water Resources Plan (EARTHTECH, 2003). 2021 request is a placeholder for the potential Investing in Canada Infrastructure Program grant - decision from the Federal Government will be known Spring 2021.

Project Justification *(Phased Project)

Eligible for Grant funding up to 73.33% of costs in 2021 and 2022 through the Canada-British Columbia Investing in Infrastructure Program - Green Infrastructure - Environmental quality sub-stream (Report to Council January 27, 2020).

***Project Priority Ranking**: **HIGH 03**

Length of Project (in Years): **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-	1,173,280				
Development Cost Charges (DCCs)	64,516					
Capital Works Reserve	133					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	64,649	1,173,280	-	-	-	-
UNFUNDED						
Total Project Funding	**64,649**	**1,173,280**	**-**	**-**	**-**	**-**

Estimated Operating Impact:

Please Specify:

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Annual Local Area Service (LAS) Program - Stormwater**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	STW1036-01	**Category**	STWLAS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	200,000	200,000	200,000	200,000
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**
Project Description *(Phased Project)	TOP-UP FUNDING REQUEST ONLY. This is an annual capital project that seeks funding to cover costs for potential stormwater projects under the Local Area Service program. Through a Local Area Service, property owners who want to conduct neighbourhood improvements such as stormwater petition Council, asking for the Township to undertake the work. The cost of providing the service is recovered through a local service tax placed on all the property owners in the area.					
Project Justification *(Phased Project)	Council policy has been to encourage extension of stormwater by local service area improvements. The Township renders approximately one project every few years.					
***Project Priority Ranking**	**PIACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-	200,000	200,000	200,000	200,000	200,000
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	200,000	200,000	200,000	200,000	200,000
UNFUNDED						
Total Project Funding	**-**	**200,000**	**200,000**	**200,000**	**200,000**	**200,000**
Estimated Operating Impact:						
Please Specify: **i.e. Annual Licensing fees**						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Unidentified Externally Funded Projects**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	STW1095-01		**Category**	STWADMN		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
Project Description ***(Phased Project)**	Externally funded projects not in budget.					
Project Justification ***(Phased Project)**	To provide budget for externally funded capital projects not budgeted for in the Stormwater fund.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Unidentified External	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Total Funded	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
UNFUNDED						
Total Project Funding	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
Estimated Operating Impact:						
Please Specify: **i.e. Annual Licensing fees**						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Storm Sewer Improvements: 224 Street Murrayville**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW	**Category**	STWMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		550,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**550,000**	**-**	**-**	**-**	**-**

Project Description ***(Phased Project)**	The storm sewer along 224th avenue from 4700- 4900 block was identified as being undersized.
Project Justification ***(Phased Project)**	A large storm event could cause flooding and perimeter drain backup in this area.
***Project Priority Ranking**	**HIGH 01**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	346,500				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	346,500	-	-	-	-
UNFUNDED		203,500				
Total Project Funding	**-**	**550,000**	**-**	**-**	**-**	**-**
Estimated Operating Impact:						
Please Specify:						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Annual ISMP Implementation**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	STW1149-01		**Category**	STWISMP		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		400,000	-	250,000	250,000	250,000
Carry Forward Amount	1,878					
Total Project Cost	**1,878**	**400,000**	**-**	**250,000**	**250,000**	**250,000**

Project Description ***(Phased Project)**	Implement recommendations contained in various Integrated Stormwater Management Plans to allow development to proceed while protecting environmental values. Yorkson Lowlands riparian restoration project is planned for 2021/2022, aimed at enhancing riparian value, improving water quality and flood storage.
Project Justification ***(Phased Project)**	Recommendations for floodplain mapping, riparian enhancements, and streamside restorations need to be implemented to ensure the goals of the Sustainability Charter are realized.
***Project Priority Ranking**	**HIGH 02**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	-	-			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	1,464					
Capital Works Reserve	414					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	1,878	-	-	-	-	-
UNFUNDED		400,000		250,000	250,000	250,000
Total Project Funding	**1,878**	**400,000**	**-**	**250,000**	**250,000**	**250,000**

Estimated Operating Impact:						
Please Specify: **i.e. Annual Licensing fees**						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title **Ditch Improvements: 216 Street Murrayville**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	STW1129-01		**Category**	STWDTCH		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		570,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**570,000**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

Phase 3 - Replace undersized 900mm CSP in 5400 block of 216 Street. Phase 1 was completed Sept 2016 and involved infilling the ditch with a storm sewer main. Phase 2 was the crossing of 216 St and was completed in the fall of 2017. Staff currently anticipate undertaking the design services and construction works in house, with a caveat that external assistance will be required for the environmental assessments, restoration, and compensation work.

Project Justification
***(Phased Project)**

Current CSP pipe is undersized and should be replaced with a larger diameter concrete pipe to ensure a large storm event does not cause flooding and service connection backups.

***Project Priority Ranking** **MEDIUM 01**

Length of Project (in Years) **3**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		570,000				
Total Project Funding	**-**	**570,000**	**-**	**-**	**-**	**-**

Estimated Operating Impact:

Please Specify:
i.e. Annual Licensing fees

Township of Langley
Capital Project Description
Stormwater Utility

Project Title	**Annual Stormwater Utility Contingency**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	STW1013-01	**Category**	STWADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	250,000	250,000	250,000	250,000
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
Project Description ***(Phased Project)**	TOP-UP FUNDING REQUEST ONLY. This is an annual capital project that seeks funding to cover stormwater emergency repairs not included in the budget.					
Project Justification ***(Phased Project)**	In prior years, these funds have been used to respond to emergency slope/embankment failures, flooding etc. A contingency fund is required to ensure sufficient funds are available to cope with emergency stormwater situations which may arise throughout the year.					
***Project Priority Ranking**	**MEDIUM 02**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		250,000	250,000	250,000	250,000	250,000
Total Project Funding	**-**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
Estimated Operating Impact:						
Please Specify:						

Township of Langley
Capital Project Description
Stormwater Utility

Project Title — **Annual Slope Stability: Various Locations**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): STW1064-01 — **Category**: STWSLPE

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		400,000	400,000	400,000	400,000	400,000
Carry Forward Amount	-					
Total Project Cost	**-**	**400,000**	**400,000**	**400,000**	**400,000**	**400,000**

Project Description *(Phased Project)

ANNUAL TOP-UP FUNDING ONLY. This is an annual capital project that seeks funding to complete geotechnical assessments, design, and minor slope stability construction throughout the Township.

Project Justification *(Phased Project)

Slope stability issues arise throughout the year and require immediate attention.

***Project Priority Ranking**: **MEDIUM 03**

Length of Project (in Years): **Annual**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
Other: Specify_____	-					
Total Funded	-	-	-	-	-	-
UNFUNDED		400,000	400,000	400,000	400,000	400,000
Total Project Funding	**-**	**400,000**	**400,000**	**400,000**	**400,000**	**400,000**

Estimated Operating Impact:

Please Specify:
i.e. Annual Licensing fees

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2021 SOLID WASTE CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Solid Waste Equip Repl. Reserve	Operating Revenue
Inside	Critical	Collection Carts	158	250,000	250,000	
Inside	High	Annual Equipment Replacement	159	50,000		50,000
Inside Total				**300,000**	**250,000**	**50,000**
Total				**300,000**	**250,000**	**50,000**

Township of Langley
Capital Project Description
Solid Waste

Project Title	**Collection Carts**					
Work Breakdown (if it exists)	SWC1000-01	**Category**	SWCOLLECT			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	250,000	250,000	250,000	250,000
Carry Forward Amount	10,098					
Total Project Cost	**10,098**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**

Project Description *(Phased Project)	Annual purchase and delivery of wheeled collection carts for new residents in solid waste collection areas receiving municipal garbage and organics collection, and existing townhome complexes that choose to transition to municipal collection. For 2021, the purchase of a total of approximately 5,000 garbage and green carts.
Project Justification & Consequences of Not Proceeding *(Phased Project)	New carts are required to support growth.
***Project Priority Ranking**	**CRITICAL 01**

Length of Project (in Years) **Annual**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** NONSTAT-40A SW Eq Replac	10,098	250,000	250,000	250,000	250,000	250,000
Total Funded	10,098	250,000	250,000	250,000	250,000	250,000
Total Unfunded						
Total Project Funding	**10,098**	**250,000**	**250,000**	**250,000**	**250,000**	**250,000**
***Estimated Annual Operating impact**						
Please Specify:						

Township of Langley
Capital Project Description
Solid Waste

Project Title	**Annual Equipment Replacement**					
Work Breakdown (if it exists)	SWC1002-01	**Category**	SWMISC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		50,000	50,000	50,000	50,000	50,000
Carry Forward Amount	-					
Total Project Cost	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
Project Description *(Phased Project)	ANNUAL TOP-UP FUNDING ONLY to $50,000. This is an annual capital project that seeks funding to replace items such as RFID scanner, GPS for waste disposal trucks, and cart replacements for those damaged or stolen, etc.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	To track replacement carts separately for reporting purposes. Carts - new vs replacements. Budget related to other Solid Waste equipment (other than cart replacements) will be transferred from Annual Equipment Replacement project to a new capital project to keep cart replacements only in this account.					
***Project Priority Ranking**	**HIGH 01**					
Length of Project (in Years)	**Annual**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	50,000	50,000	50,000	50,000	50,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	50,000	50,000	50,000	50,000	50,000
Total Unfunded						
Total Project Funding	**-**	**50,000**	**50,000**	**50,000**	**50,000**	**50,000**
***Estimated Annual Operating impact**						
Please Specify:						

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2021 SEWER CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Sewer Capital Works Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Local Area Service Reserve	Other
Inside	Critical	203 Street Lift Station: Odour Controller	162	150,000		150,000			
Inside	Critical	Lift Station and Forcemain: 24 Avenue 196 to 200 Street	163	2,250,000		22,500	2,227,500		
Inside	Critical	Annual Sanitary Lift Station Upgrades	164	500,000	429,104	70,896			
Inside	High	Repairs and Improvements: Operations Centre	165	200,000	200,000				
Inside	High	Annual DCC Sanitary Sewer Projects	166	350,000	3,500		346,500		
Inside	High	Annual Sewer Infrastructure Replacement	167	500,000	500,000				
Inside	Medium	Inflow & Infiltration Reduction: 27200 block 26B Avenue	168	500,000	500,000				
Inside	Medium	96 Avenue Sewer Main Upsize: 201 to 204 Street	169	120,000	1,200		118,800		
Inside Total				**4,570,000**	**1,633,804**	**243,396**	**2,692,800**	**-**	**-**
Placeholder		Annual Local Area Service (LAS) Program - Sewer	170	1,000,000				1,000,000	
Placeholder		Unidentified Externally Funded Projects	171	1,500,000					1,500,000
Placeholder Total				**2,500,000**	**-**	**-**	**-**	**1,000,000**	**1,500,000**
Total				**7,070,000**	**1,633,804**	**243,396**	**2,692,800**	**1,000,000**	**1,500,000**

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**203 Street Lift Station: Odour Controller**					
Work Breakdown (if it exists)	SWR1148-01	**Category**	SWRLSTN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Purchase and installation of an Odour Control unit for the 203 Sanitary Sewer pump station located at 203 and 62.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Due to the increased demand that additional development will have on this already odourous Sanitary Sewer Pumping Station an Odour removal unit is required to mitigate the H2S gasses and associated odour from the station. This will not only reduce the H2S damage on the concrete wet wells but also greatly reduce/eliminate odour complaints from the newly planned adjacent development.
***Project Priority Ranking**	**CRITICAL 01**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	150,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	150,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**150,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Lift Station and Forcemain: 24 Avenue 196 to 200 Street**					
Work Breakdown (if it exists)	SWR1140-01	**Category**	SWRLSTN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,250,000	-	-	-	-
Carry Forward Amount	250,000					
Total Project Cost	**250,000**	**2,250,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Design (2020), and Construction (2021) of a sanitary lift station and associated forcemain to support development in Brookswood/Fernridge.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Neighbourhood Plans for the Brookswood/Fernridge Community are nearing completion. Funding is required to ensure adequate services are designed and constructed to support future development. DCC ID 18 S 001 and 18 S 003.
***Project Priority Ranking**	**CRITICAL 02**
Length of Project (in Years)	**2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	2,500					
Operating Revenue	-	22,500				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	247,500	2,227,500				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	250,000	2,250,000	-	-	-	-
UNFUNDED		-	-			
Total Project Funding	**250,000**	**2,250,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	76,161	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Annual Sanitary Lift Station Upgrades**					
Work Breakdown (if it exists)	SWR1028-01	**Category**	SWRLSTN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	770,857					
Total Project Cost	**770,857**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**

Project Description *(Phased Project)	This is an annual capital project that seeks ongoing funding to complete miscellaneous sanitary pump station upgrades as identified through a consultant assessment report. This work includes installation of flow meters, bypass pump facilities, electrical / control upgrades, wet well upgrades, site upgrades, etc.
Project Justification & Consequences of Not Proceeding *(Phased Project)	To keep pump stations up to current standards.
***Project Priority Ranking**	**CRITICAL 03**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	70,896	243,396	243,396	243,396	243,396
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	770,857	429,104				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	770,857	500,000	243,396	243,396	243,396	243,396
UNFUNDED			256,604	256,604	256,604	256,604
Total Project Funding	**770,857**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Repairs and Improvements: Operations Centre**					
Work Breakdown (if it exists)	SWR1099-01	**Category**	SWRSTRC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	187,207					
Total Project Cost	**187,207**	**200,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	This funding will be utilized for electrical/mechanical upgrades, interior/exterior improvements to create more usable space, expand the women's changeroom area to accommodate increase in staff, additional parking , storage, etc.
Project Justification & Consequences of Not Proceeding *(Phased Project)	To improve space utilization, increase capacity, replace ageing equipment and infrastructure, provide additional storage, etc. The consequences are inefficient use of site, capacity issues, safety, etc.
***Project Priority Ranking**	**HIGH 01**

Length of Project (in Years) **5**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	50,038					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	137,169	200,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	187,207	200,000	-	-	-	-
UNFUNDED						
Total Project Funding	**187,207**	**200,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Annual DCC Sanitary Sewer Projects**					
Work Breakdown (if it exists)	SWR1000-01	**Category**	SWRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		350,000	350,000	350,000	350,000	350,000
Carry Forward Amount	-					
Total Project Cost	**-**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**
Project Description *(Phased Project)	TOP-UP FUNDING REQUEST ONLY. This is an annual capital project that seeks funding required for design and construction of miscellaneous DCC sewer projects (includes contribution to base works, sewer works fronting parks and schools) prior to development.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Required to allow the advancement of some DCC projects in advance of development.					
***Project Priority Ranking**	**HIGH 02**					
Length of Project (in Years)	**Annual**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	346,500	346,500	346,500	346,500	346,500
Capital Works Reserve	-	3,500				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	-	350,000	346,500	346,500	346,500	346,500
UNFUNDED			3,500	3,500	3,500	3,500
Total Project Funding	**-**	**350,000**	**350,000**	**350,000**	**350,000**	**350,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Annual Sewer Infrastructure Replacement**					
Work Breakdown (if it exists)	SWR1029-01	**Category**	SWRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
Project Description *(Phased Project)	ANNUAL TOP-UP FUNDING ONLY. This is an annual capital project which seeks funding to replace / repair various sewer infrastructure including gravity mains, force mains, air valves, manholes, etc.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	As infrastructure ages, replacement is necessary to ensure residents are serviced adequately. Replace existing deteriorated / damaged infrastructure to maintain the integrity of the sewer system and to prevent failures.					
***Project Priority Ranking**	**HIGH 03**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	500,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	500,000	-	-	-	-
UNFUNDED			500,000	500,000	500,000	500,000
Total Project Funding	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Inflow & Infiltration Reduction: 27200 block 26B Avenue**					
Work Breakdown (if it exists)	NEW	**Category**	SWRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**500,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Remove second sanitary line on 26B and reconnect 29 homes on south side to remaining main.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Project will remove old, failing sanitary sewer pipe, reducing the volume of flow we have to pump, and reducing the amount of sewage we are paying for MetroVancouver for treatment.
***Project Priority Ranking**	**MEDIUM 01**
Length of Project (in Years)	1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	500,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	500,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**500,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**96 Avenue Sewer Main Upsize: 201 to 204 Street**					
Work Breakdown (if it exists)	NEW	**Category**	SWRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		120,000	1,200,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**120,000**	**1,200,000**	**-**	**-**	**-**
Project Description *(Phased Project)	Upsizing sewer main on 96 Avenue					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Sewer will soon exceed capacity due to ongoing development of Yorkson and Williams neighbourhoods.					
***Project Priority Ranking**	**MEDIUM 02**					
Length of Project (in Years)						
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	118,800				
Capital Works Reserve	-	1,200				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	120,000	-	-	-	-
UNFUNDED			1,200,000			
Total Project Funding	**-**	**120,000**	**1,200,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Annual Local Area Service (LAS) Program - Sewer**					
Work Breakdown (if it exists)	SWR1031-01	**Category**	SWRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**

Project Description *(Phased Project)	This is a $1,000,000 provisional annual capital project that seeks funding to cover costs for potential sewer projects under the Local Area Service program. Through a Local Area Service, property owners who want to conduct neighbourhood improvements, such as sewer, petition Council asking for the Township to undertake the work. The cost of providing the service is recovered through a local service tax placed on all the property owners in the area.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Council policy has been to encourage extension of sanitary sewer mains by local service area improvements. The Township renders approximately one project every two years.
***Project Priority Ranking**	**PLACEHOLDER**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000
UNFUNDED						
Total Project Funding	**-**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**	**1,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Sewer Utility

Project Title	**Unidentified Externally Funded Projects**					
Work Breakdown (if it exists)	SWR1054-01	**Category**	SWRADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
Project Description *(Phased Project)	Externally funded projects not in budget.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	To provide budget for externally funded capital projects not budgeted for in the Sewer fund.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** Unidentified External Srce.	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Total Funded	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
UNFUNDED						
Total Project Funding	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

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2021 TRANSPORTATION CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Yorkson Greenway Amenity Reserve	Gas Tax Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Translink	Other	Unfunded
Inside	Critical	Local Roads Pavement Overlay and Reconstruction	174	500,000		500,000	-				
Inside	Critical	Arterial & Collector Road Pavement Overlay & Reconstruction	175	500,000			500,000				
Inside	Critical	Fort Langley Pedestrian Overpass	176	2,439,372			250,000			2,189,372	
Inside	Critical	Road Widening: 208 Street - 84 to 76 Avenue	177	52,792	52,792		-				
Inside	Critical	Road and Intersection Impr: 24 Ave from 196 St to 200 S	178	400,000			4,000	396,000			
Inside	Critical	Road Construction: 212 Connector 208 St/74 Ave to 212 St/77A Ave	179	2,000,000			20,000	1,980,000			
Inside	Critical	Annual Recycling Carts	180	30,000			30,000	-			
Inside	Critical	Pedestrian and Cycling Infrastructure: 96 Avenue Edal to Trattle	181	320,000			160,000	-	160,000		
Inside	Critical	Design & Construction: 82 Ave Widening from 207 St west to Yorkson Creek	182	367,765	367,765		-	-			
Inside	Critical	Road Widening: Fraser Hwy 24500 to 25000 Blocks	183	3,562,000			17,810	1,763,190	1,781,000		
Inside	Critical	Pedestrian Overpass 200th Street at 68th Ave	184	170,000			1,700	168,300			
Inside	Critical	Slope Stability: 56 Avenue - 24200 Blk	185	30,000			30,000	-			
Inside	Critical	Retaining Wall: 16 Ave and 24400 Block	186	125,000			1,250	123,750			
Inside	Critical	Urban Arterial Road Construction: Willowbrook Connector: 64 to 68 Ave	187	14,000,000			140,000	13,860,000			
Inside	Critical	Transit Improvements: Various Locations	188	120,000			60,000	-	60,000		
Inside	Critical	Road Widening: 80 Avenue between 204 and 208 Streets	189	1,557,436	257,436		13,000	1,287,000			
Inside	Critical	Annual Commuter Cycling Improvements	190	955,000			5,000	495,000	455,000		
Inside	Critical	Road Widening: 56 Avenue; 21100 block to 213A Avenue	191	2,857,000			25,000	2,475,000		357,000	
Inside	Critical	Annual Pedestrian Improvements	192	320,000			160,000		160,000		
Inside	Critical	Pedestrian Improvements: 72 Avenue between 202 to 208 Streets	193	325,000			325,000				
Inside	High	Road Widening: 238 Street between 52 Avenue and 53A Avenue	194	150,000			150,000				
Inside	High	Public Spaces Waste Receptacles: Various Locations (5 year implementation)	195	295,028			295,028				
Inside	Medium	Transportation Planning Master Plan Phase 3	196	300,000			3,000	297,000			
Inside	Medium	Sidewalk Construction: 56 Avenue 24400 to 24600 Blk	197	97,538			97,538				
Inside	Medium	Murrayville Overpass	198	246,042			-			246,042	
Inside Total				**31,719,973**	**677,993**	**500,000**	**2,288,326**	**22,845,240**	**2,616,000**	**2,792,414**	**-**
Placeholder		Unidentified Externally Funded Projects	199	2,000,000						2,000,000	
Placeholder		ICBC Unidentified Funding	200	500,000						500,000	
Placeholder Total				**2,500,000**	**-**	**-**	**-**	**-**	**-**	**2,500,000**	**-**
Outside	Medium	Sidewalk Construction: 56 Avenue 24400 to 24600 Blk	197	102,462							102,462
Outside	Medium	Truck Route Network Improvements: North Langley	201	2,100,000				840,000			1,260,000
Outside	Medium	Development Coordinated Works	202	100,000							100,000
Outside Total				**2,302,462**	**-**	**-**	**-**	**840,000**	**-**	**-**	**1,462,462**
Total				**36,522,435**	**677,993**	**500,000**	**2,288,326**	**23,685,240**	**2,616,000**	**5,292,414**	**1,462,462**

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Local Roads Pavement Overlay and Reconstruction**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1154-01	**Category**	TRNPAVE			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	186,568					
Total Project Cost	**186,568**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
Project Description *(Phased Project)	This ongoing capital project seeks annual funding for the road network program, intended to preserve road paving and/or overlay on Township local roads. There are approximately 600 km of local roads in the Township - the majority of which have exceeded their designed life cycle. Analysis has indicated that our local roads are deteriorating at a fast rate and about 29% of our roads will require full reconstruction.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	If this project is not funded, a higher amount of operating maintenance funding would be required to maintain local roads in safe and efficient condition.					
***Project Priority Ranking**	**CRITICAL 01**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	186,568					
Operating Revenue	-		500,000	500,000	500,000	500,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Gas Tax**	-	500,000				
Total Funded	186,568	500,000	500,000	500,000	500,000	500,000
UNFUNDED						
Total Project Funding	**186,568**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Arterial & Collector Road Pavement Overlay & Reconstruction**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1185-01 — **Category**: TRNIMPR

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	209,957					
Total Project Cost	**209,957**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**

Project Description *(Phased Project)

This capital project seeks funding on an annual basis to preserve road paving and/or overlay on Township arterial and collector roads. There are approximately 220 km (centre line km) of arterial and collector roads in the Township. This program is intended to install paving top lift on roads that have been repaired through grinding and patching works on substandard/deteriorating road sections. Data has been derived from and works have densified through the Township's Pavement Management System.

Project Justification & Consequences of Not Proceeding *(Phased Project)

There are 220 centre line kms of arterial and collector roads within the Township. As identified by Pavement Management System, $1.2M of funding is required annually to maintain pavement overlay on arterial and collector roads. The Public Works/Operations Department is completing road condition data collection and will be finalizing an updated, priority completion list by the end of October/middle of November for funding consideration. Deteriorating roads conditions equally result in the potential damage claims to the Township, road user costs, etc. Deferring completion of these works will result in the need for increased budget to fund higher cost road reconstruction.

***Project Priority Ranking**: **CRITICAL 02**

Length of Project (in Years): **ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	18,897					
Operating Revenue	-	500,000	500,000	500,000	500,000	500,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	57,150					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: Community Works Fd.	133,911					
Total Funded	209,958	500,000	500,000	500,000	500,000	500,000
UNFUNDED						
Total Project Funding	**209,958**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title **Fort Langley Pedestrian Overpass**

Work Breakdown (if it exists) RDS1323-01 **Category** TRNPEDS
(Use Asset ID if exists and WrkBrk not known)

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		2,439,372	-	-	-	-
Carry Forward Amount	1,396,473					
Total Project Cost	**1,396,473**	**2,439,372**	**-**	**-**	**-**	**-**

Project Description
***(Phased Project)**

To construct a pedestrian and cyclist overpass over the CN rail line, from the Fort Langley National Historic Site to vacant land on the Fraser River Waterfront. Report to Council July 27, 2020

Project Justification & Consequences of Not Proceeding
***(Phased Project)**

This Project will address safety concerns related to pedestrian and cyclist interfaces with the CN Railway corridor and River Road, and improve connectivity for Fort to Fort and TransCanada Trail users. Further safety concerns will be addressed by the provision of a consistent level of access for Kwantlen First Nation's community work at the National Historic Site and other businesses in Fort Langley that are often delayed due to the progressively longer trains and at-grade crossings of the rail corridor.
The Project will also enhance access and connectivity to the proposed new Heritage Centre, and allow the Fort Langley National Historic Site and the Fort Langley Museum to extend exhibitions and educational opportunities into outdoor space along the river. The Project is also anticipated to increase job opportunities for both local and indigenous communities as it is connected to the new Heritage Centre and the National Historic Site. 77% grant funding potential through application to the Infrastructure Canada Improvement Program - Community, Cultural, Recreational stream October 2020. Outcome will be known in spring 2021

***Project Priority Ranking** **CRITICAL 03**

Length of Project (in Years) **2**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	250,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-	2,189,372				
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Internal Debt	-					
*Other: Trans Mountain Community Cor	1,396,473					
Total Funded	1,396,473	2,439,372	-	-	-	-
UNFUNDED						
Total Project Funding	**1,396,473**	**2,439,372**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	7,500	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Road Widening: 208 Street - 84 to 76 Avenue**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1319-01 — **Category**: TRNWIDN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		52,792	-	-	-	-
Carry Forward Amount	2,671,589					
Total Project Cost	**2,671,589**	**52,792**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Project includes design and construction of the 208 Street corridor from 84 to 76 Avenue.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Project design awarded. Construction of 208 Street fronting 83 Avenue to 84 Avenue anticipated fall/winter of 2020/2021. Design of entire corridor underway with construction subject to Council direction and approval for future funding from DCC's and potentially WARCAP for land acquisition. This project is part of the larger 208 Street Corridor completing project. Until full design of the corridor is completed, there may be a requirement to transfer funds between segments as the project evolves.

***Project Priority Ranking**: **CRITICAL 04**

Length of Project (in Years): 3

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	26,716					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	2,644,873					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Yorkson Greenway Amenity**	-	52,792				
Total Funded	2,671,589	52,792	-	-	-	-
UNFUNDED						
Total Project Funding	**2,671,589**	**52,792**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		1,469	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Road and Intersection Impr: 24 Ave from 196 St to 200 St**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1298-01 — **Category**: TRNIMPR

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		400,000	4,000,000	-	-	-
Carry Forward Amount	150,000					
Total Project Cost	**150,000**	**400,000**	**4,000,000**	**-**	**-**	**-**

Project Description *(Phased Project)

Construction of road improvements, intersection improvements and cycling/pedestrian infrastructure on 24 Avenue between 196 Street and 200 Street.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The Township Master Transportation Plan, adopted in 2009, designates 24 Avenue as an arterial road to be widened to 4 lanes. It is currently 2 lanes, from 200 St to 196 Street, but does not continue into Surrey. The City of Surrey is currently constructing 24 Avenue to the municipal boundary at 196 Street, which will result in the road being connected and an increase in traffic volumes. It is anticipated that improvements will be needed along the corridor at road segments, and at intersections along with improved facilities for cyclist/pedestrians.

***Project Priority Ranking**: **CRITICAL 05**

Length of Project (in Years):

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	150,000					
Operating Revenue	-	4,000	40,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	396,000	3,960,000			
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	150,000	400,000	4,000,000	-	-	-
UNFUNDED						
Total Project Funding	**150,000**	**400,000**	**4,000,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	10,888	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Road Construction: 212 Connector 208 St/74 Ave to 212 St/77A Ave**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1306-01		**Category**	TRNNCON		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,000,000	42,840,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**2,000,000**	**42,840,000**	**-**	**-**	**-**

Project Description ***(Phased Project)**	To construct a portion of a four lane urban arterial 212 Street connector from 208 Street/74 Avenue to 212 Street/77A Avenue leading to the 216 Street Interchange. Construction includes median, curb and gutter, traffic signals, street lights and sidewalks. It is anticipated the portion north of 77A Avenue will be constructed through development in the Williams Neighbourhood.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	To address road safety, traffic flows, increasing traffic congestion and to meet development related growth demands as part of the Township's Official Community plan and the Master Transportation Plan. 2021 funding requested in order to construct portion of road on Township own lands to meet May of 2021 ALC deadline.
***Project Priority Ranking**	**CRITICAL 06**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	20,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	1,980,000	15,840,000			
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: WARCAP**	-		27,000,000			
Total Funded	-	2,000,000	42,840,000	-	-	-
UNFUNDED						
Total Project Funding	**-**	**2,000,000**	**42,840,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Annual Recycling Carts**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	REC1000-01	**Category**	TRNMISC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		30,000	30,000	30,000	30,000	30,000
Carry Forward Amount	-					
Total Project Cost	**-**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**
Project Description *(Phased Project)	Annual purchase and delivery of approximately 300 wheeled collection carts for central recycling collection for new multi-family developments					
Project Justification & Consequences of Not Proceeding *(Phased Project)	New carts are required to support growth and replacement of damaged and/or stolen recycling carts					
***Project Priority Ranking**	**CRITICAL 07**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	30,000	30,000	30,000	30,000	30,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	30,000	30,000	30,000	30,000	30,000
UNFUNDED						
Total Project Funding	**-**	**30,000**	**30,000**	**30,000**	**30,000**	**30,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Pedestrian and Cycling Infrastructure: 96 Avenue Edal to Trattle**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1322-01	**Category**	TRNPEDS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		320,000	-	-	-	-
Carry Forward Amount	347,272					
Total Project Cost	**347,272**	**320,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Continuation and completion of the pedestrian safety project in Fort Langley on 96 Avenue from Edal to Trattle Streets at an estimated cost of $650,000 to be cost shared with TransLink ($160,000 in 2020 and another $160,000 potentially in 2021)
Project Justification & Consequences of Not Proceeding *(Phased Project)	To continue the curb, gutter, sidewalk, street lighting and bike lanes on 96 Avenue from Edal Street to Trattle to service the local neighbourhood, school children, and transit users. Cost share agreement with TransLink subject to Township funding. Multi year project cost shared with TransLink.
***Project Priority Ranking**	**CRITICAL 08**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	143,251					
Operating Revenue	-	160,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	160,000	160,000				
ICBC	-					
Internal Debt	44,021					
*Other: _____	-					
Total Funded	347,272	320,000	-	-	-	-
UNFUNDED						
Total Project Funding	**347,272**	**320,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Design & Construction: 82 Ave Widening from 207 St west to Yorkson Creek**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1271-01	**Category**	TRNWIDN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		367,765	-	-	-	-
Carry Forward Amount	1,496,009					
Total Project Cost	**1,496,009**	**367,765**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Memo to Council May 2018. 82 Avenue between 207 Street west to Yorkson Creek is designated as future park and would have to be constructed by the Township for approximately 400m on the north side and 300m on the south side as well as potential widening at the 82 Avenue crossing of Yorkson Creek. In addition, portions of the road side ditch on both the north and south side of 82 Avenue are classified as Class B watercourse.
Project Justification & Consequences of Not Proceeding *(Phased Project)	The portion of 82 Avenue fronting Yorkson Creek and the park will not be constructed at part of adjacent development. With increased growth in Willoughby, there is increased demand for pedestrian and other non-auto modes for the area. The road widening will improve the park frontage for all road users.
***Project Priority Ranking**	**CRITICAL 09**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	1,481,049					
Capital Works Reserve	14,960					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Yorkson Greenway Amenity**	-	367,765				
Total Funded	1,496,009	367,765	-	-	-	-
UNFUNDED						
Total Project Funding	**1,496,009**	**367,765**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		5,844	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title **Road Widening: Fraser Hwy 24500 to 25000 Blocks**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1242-01		**Category**	TRNIMPR		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		3,562,000	-	-	-	-
Carry Forward Amount	7,633,640					
Total Project Cost	**7,633,640**	**3,562,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Council requested. To design ultimate intersection improvement and to install north/south left turn lanes on 248 Street. Project will also widen Fraser Highway from 246 to 250 Streets to four travel lanes plus multi-use paths on both sides enhancing climate action goals. Project is 50% funded by TransLink with additional funding being requested in 2021 as part of MRNB cost share program.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Existing intersection is congested during peak hours. Installation of north/south left turn lanes, and adding lanes in the eastbound/westbound directions, new MUP's will improve traffic flows, reduce vehicle conflicts, and improve safety. Project 50% funded by TransLink.
***Project Priority Ranking**	**CRITICAL 10**

Length of Project (in Years) 3

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	17,681					
Operating Revenue	-	17,810				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	3,778,652	1,763,190				
Capital Works Reserve	20,487					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	3,816,820	1,781,000				
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	7,633,640	3,562,000	-	-	-	-
UNFUNDED						
Total Project Funding	**7,633,640**	**3,562,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		8,946	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Pedestrian Overpass 200th Street at 68th Ave**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1049-01	**Category**	TRNPEDS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		170,000	-	-	-	-
Carry Forward Amount	270,160					
Total Project Cost	**270,160**	**170,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	To complete the reconstruction of the on/off ramps to the pedestrian overpass in coordination with the adjacent development project to the east and to ensure the structure meets necessary standards.
Project Justification & Consequences of Not Proceeding *(Phased Project)	The pedestrian overpass on 200 street at 68 avenue requires touch up and repair work and recoating of all surfaces with special marking paint. Potential for Translink grant funding for Translink MRN Structure program.
***Project Priority Ranking**	**CRITICAL 11**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	2,702					
Operating Revenue	-	1,700				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	267,458	168,300				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: _____**	-					
Total Funded	270,160	170,000	-	-	-	-
UNFUNDED						
Total Project Funding	**270,160**	**170,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Slope Stability: 56 Avenue - 24200 Blk**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1258-01		**Category**	TRNSHLD		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		30,000	250,000	-	-	-
Carry Forward Amount	8,104					
Total Project Cost	**8,104**	**30,000**	**250,000**	**-**	**-**	**-**

Project Description ***(Phased Project)**	Design and construction of slope stability works in the 24200 block of 56 Avenue.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Re-occurring asphalt cracks in the roadway are indicating slope movement. A geotechnical consultant has been engaged to provide an initial assessment and produce a technical memo. The slope is continuing to show evidence of movement and an ultimate design is required to avoid further cracking of the asphalt and movement of the slope.
***Project Priority Ranking**	**CRITICAL 12**

Length of Project (in Years) **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	2,982					
Operating Revenue	-	30,000	250,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	5,122					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	8,104	30,000	250,000	-	-	-
UNFUNDED						
Total Project Funding	**8,104**	**30,000**	**250,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Retaining Wall: 16 Ave and 24400 Block**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1314-01	**Category**	TRNSHLD			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		125,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**125,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Replacement of an existing aged culvert across 16 Avenue and related retaining walls along the north and south side of 16 Avenue.
Project Justification & Consequences of Not Proceeding *(Phased Project)	The culvert that crosses 16 Avenue at 24400 Blk was installed in 1950 and is in poor condition based on the recent site visits/assessments. The existing lock block retaining walls that are performing as the culvert headwalls along 16 Avenue on both south and north sides are also showing advanced signs of deterioration that could result in failure with impact to travel on 16 Avenue. Project is cost shared with TransLink. Township funding includes recovery of 50% from Transportation in project RDS1314-01 to STW1179-01. DCC Project 18R016
***Project Priority Ranking**	**CRITICAL 13**

Length of Project (in Years) 1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	1,250				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	123,750				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	125,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**125,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Urban Arterial Road Construction: Willowbrook Connector: 64 to 68 Ave**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1239-01 — **Category**: TRNWIDN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		14,000,000	-	-	-	-
Carry Forward Amount	173,319					
Total Project Cost	**173,319**	**14,000,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

To widen the Willowbrook Connector to 4-lane roadway including curb and gutter, sidewalk, cycling lanes and a median between 64 Ave and 68 Ave. This will result in improved road capacity & road safety for motorists, cyclists and pedestrians

Project Justification & Consequences of Not Proceeding *(Phased Project)

The project connects the existing 4-lane road south of 64 Ave to the future 4-lane road north of 68 Ave which is being constructed by development. The project improves traffic capacity, safety and accommodates road users considered vulnerable such as cyclists and pedestrians. There is no development potential along this section of 208 St and it must be constructed through a Township capital project, compared to the remainder of the corridor which does have development potential.

***Project Priority Ranking**: **CRITICAL 14**

Length of Project (in Years): **2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	140,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	171,585	13,860,000				
Capital Works Reserve	1,734					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: NRD funding	-					
Total Funded	173,319	14,000,000	-	-	-	-
UNFUNDED						
Total Project Funding	**173,319**	**14,000,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	1,497	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Transit Improvements: Various Locations**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1127-01	**Category**	TRNTRST			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		120,000	120,000	120,000	120,000	120,000
Carry Forward Amount	348,311					
Total Project Cost	**348,311**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**

Project Description ***(Phased Project)**	CLIMATE ACTION: This capital project seeks funding on an ongoing, annual basis for the construction of transit related road improvements such as sidewalks leading to bus stops, vehicle pull-out bays, wheelchair accessible bus stops, and improved bus stop facilities for pedestrians at various locations in the Township. This is a cost sharing project in partnership with TransLink (50/50 cost share).
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	The construction of transit improvements facilitates pedestrian/transit user safety, convenience for transit users, and encourages additional traditional ridership which is consistent with the Township's sustainability goals.
***Project Priority Ranking**	**CRITICAL 15**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	220,764					
Operating Revenue	-	60,000	60,000	60,000	60,000	60,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	40,847	60,000	60,000	60,000	60,000	60,000
ICBC	-					
Internal Debt	-					
***Other: Bus Shelter Revenue**	86,700					
Total Funded	348,311	120,000	120,000	120,000	120,000	120,000
UNFUNDED						
Total Project Funding	**348,311**	**120,000**	**120,000**	**120,000**	**120,000**	**120,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Road Widening: 80 Avenue between 204 and 208 Streets**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1324-01 — **Category**: TRNWIDN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		1,557,436	2,500,000	-	-	-
Carry Forward Amount	104,818					
Total Project Cost	**104,818**	**1,557,436**	**2,500,000**	**-**	**-**	**-**

Project Description *(Phased Project)

To widen 80 Avenue between 204 and 208 Street for those sections fronting the Yorkson Community Park site and a detention pond. This project also proposes to widen the culvert crossing 80 Avenue. Project will include modifications to intersection of 206 St, improved pedestrian connections across 80 Ave, extension of greenways with multi use paths and cycling facilities.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The portion of 80 Avenue fronting Yorkson Community Park on the north, and the detention pond on the south will not be constructed as part of adjacent development and is therefore eligible for DCC funding. With increased growth in Willoughby, there is increased demand for pedestrian and other non-auto modes for the area. The road widening will provide access for all road users and complete the road network.

***Project Priority Ranking**: CRITICAL 16

Length of Project (in Years):

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	641					
Operating Revenue	-	13,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	63,396	1,287,000				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	40,781	257,436				
Total Funded	104,818	1,557,436	-	-	-	-
UNFUNDED			2,500,000			
Total Project Funding	**104,818**	**1,557,436**	**2,500,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	3,783	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Annual Commuter Cycling Improvements**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): RDS1224-01 — **Category**: TRNCYCL

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		955,000	955,000	955,000	955,000	955,000
Carry Forward Amount	-					
Total Project Cost	**-**	**955,000**	**955,000**	**955,000**	**955,000**	**955,000**

Project Description *(Phased Project)

This capital project seeks funding annually for the construction of bicycle lanes at various locations throughout the Township as part of the Ultimate Cycling Network endorsed by Council. Funded in partnership with TransLink (50/50 cost share) BICCS Program and DCC Program 18R331

Project Justification & Consequences of Not Proceeding *(Phased Project)

This project is intended to increase cycling ridership in our municipality - consistent with our sustainability goals - and to decrease road safety hazards for cyclists.

Climate Action Strategy: TM-4 Improve bike and ebike network

To meet the new greenhouse gas (GHG) emission reduction targets as adopted by Council in 2019, more than half of current passenger vehicle trips need to transition to sustainable modes of transportation (active mobility, transit, EVs) by 2030.
Expansion of the Township's cycling network is a critical factor when it comes to getting more people on bikes. It increases safety by reducing potential conflicts with cars, this infrastructure also connects neighbourhoods throughout the community which supports cycling as a means of day to day transportation.

***Project Priority Ranking**: **CRITICAL 17**

Length of Project (in Years): **ANNUAL**

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	5,000	5,000	5,000	5,000	5,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	495,000	495,000	495,000	495,000	495,000
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-	455,000	455,000	455,000	455,000	455,000
ICBC	-					
Internal Debt	-					
*Other: Debt Reserve	-					
Total Funded	-	955,000	955,000	955,000	955,000	955,000
UNFUNDED						
Total Project Funding	**-**	**955,000**	**955,000**	**955,000**	**955,000**	**955,000**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Road Widening: 56 Avenue; 21100 block to 213A Avenue**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	NEW		**Category**	TRNWIDN		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,857,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**2,857,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	To widen 56 Avenue from the 21100 block to the intersection of 213A Street.
Project Justification & Consequences of Not Proceeding *(Phased Project)	This project will support development of an adjacent affordable housing project. It will also improve safety of the corridor through the installation of left turns lanes and median separation and improve walking and cycling through installation of a multi-use path. DCC #18R060.
***Project Priority Ranking**	**CRITICAL 18**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	25,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	2,475,000				
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Development Contribution**	-	357,000				
Total Funded	-	2,857,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**2,857,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	4,414	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Annual Pedestrian Improvements**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1226-01	**Category**	TRNPEDS			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		320,000	320,000	320,000	320,000	320,000
Carry Forward Amount	-					
Total Project Cost	**-**	**320,000**	**320,000**	**320,000**	**320,000**	**320,000**

Project Description ***(Phased Project)**	CLIMATE ACTION: This capital project seeks annual funding to construct pedestrian facilities that link local residential, commercial and industrial areas to nearby transit facilities and where sections of sidewalks are missing throughout the Township. Funded in partnership with TransLink (50/50 cost share) WITT Program.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	To improve pedestrian safety and to promote a walkable community, complete various pedestrian oriented projects. In addition, to address new requirements including disabled accessibility issues with wheelchair ramps and sidewalk let-downs.
***Project Priority Ranking**	**CRITICAL 19**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	160,000	160,000	160,000	160,000	160,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-	160,000	160,000	160,000	160,000	160,000
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	320,000	320,000	320,000	320,000	320,000
UNFUNDED						
Total Project Funding	**-**	**320,000**	**320,000**	**320,000**	**320,000**	**320,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Pedestrian Improvements: 72 Avenue between 202 to 208 Streets**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: TRNPEDS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		325,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**325,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

The construction of a multi-use path on the south side of 72 Avenue between 202A Street and 208 Street. The path would be separated from the adjacent travel lane with curbing and delineators. The corridor may also be augmented by added lease lights to existing Hydro poles.

Project Justification & Consequences of Not Proceeding *(Phased Project)

The School District has constructed a new High School on 202 Street and converted the existing High School to a middle school. The result is a change in catchment area for many of the students, in particular the middle school students. There is now a need for a pedestrian connection between the partly developed North East Gordon Neighbourhood at 208 St/72 Avenue and the schools on 202 Street. The project would fill in the gap between the two points with a Multi Use path similar to what has already been constructed on portions of 202 street.

***Project Priority Ranking**: **CRITICAL 20**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	325,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	325,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**325,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Road Widening: 238 Street between 52 Avenue and 53A Avenue**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: TRNWIDN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**150,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Scope of Work includes widening 238 Street to 6.0 metres between 52 Avenue and the newly constructed road. The project will include a gravel shoulder and repairing/reconstructing the damaged areas of 238 Street, a former dead-end local rural road.

Project Justification & Consequences of Not Proceeding *(Phased Project)

A recent development constructed a new 6.0 metre wide asphalt road that now provides connection along 238 Street from 53A Avenue to 52 Avenue where the DW Poppy School is located. The existing road is only 4.5 metres wide which requires upgrading to 6.0 metres to allow for vehicles and school buses to pass each other safely.

***Project Priority Ranking**: **HIGH 01**

Length of Project (in Years): 1

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	150,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	150,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**150,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Public Spaces Waste Receptacles: Various Locations (5 year implementation)**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1241-01		**Category**	TRNMISC		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		295,028	428,110	-	-	-
Carry Forward Amount	531,792					
Total Project Cost	**531,792**	**295,028**	**428,110**	**-**	**-**	**-**

Project Description *(Phased Project)	Continuation of the 5 year full-scale implementation plan which would see all existing garbage receptacles converted to new multi-stream receptacles.
Project Justification & Consequences of Not Proceeding *(Phased Project)	A program aimed at managing waste produced in public spaces will help the Township reach the regional waste diversion goal of 80% by 2020. Along with the regional diversion target, Metro Vancouver has also instated material bans under their Tipping Fee Bylaw No. 302 – Banned and Prohibited materials that the Township must adhere to. The banned and prohibited materials include: large amounts of pet excrement, recyclable materials and food waste. If the Township does not comply with this bylaw it could face a surcharge of 50% of the applicable tipping fee on each load brought to the transfer station. Several Township loads have been rejected at the transfer station due to the high amount of pet waste contained in the loads (i.e., exceeding the maximum percentage of contamination set by Metro Vancouver). If the program does not move forward to full expansion, the Township will face additional surcharges at waste disposal sites and may be refused access to local transfer stations for not complying with the banned materials bylaws.
***Project Priority Ranking**	**HIGH 02**

Length of Project (in Years) **5**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	449,915					
Operating Revenue	-	295,028	79,576			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
TransLink	-					
ICBC	-					
Internal Debt	81,877					
***Other: Debt Reserve**	-					
Total Funded	531,792	295,028	79,576	-	-	-
UNFUNDED			348,534			
Total Project Funding	**531,792**	**295,028**	**428,110**	**-**	**-**	**-**
***Estimated Annual Operating impact**		112,000	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Transportation Planning Master Plan Phase 3**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): TRN1000-02 — **Category**: TRNADMN

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		300,000	300,000	-	-	-
Carry Forward Amount	7,533					
Total Project Cost	**7,533**	**300,000**	**300,000**	**-**	**-**	**-**

Project Description *(Phased Project)

To undertake a comprehensive multi-modal transportation strategy for the Township that will meet the needs of the community in the future and assist in achieving the Township's climate action goals. The work will be done in phases, with various strategies developed for items such as vehicle movement, cycling network and facilities and support, development of a pedestrian network and improvement strategy, encouragement and support of transit, improved facilities and strategies to encourage electric vehicles, developing strategies for improving the livability of neighbourhoods with items such as multi use paths, bicycle lanes, marked crosswalks, traffic calming measures, roundabouts, on-street parking review and treatment and median and road side landscaping , including integration of off-street trails and facilities.

Project Justification & Consequences of Not Proceeding *(Phased Project)

A review of the Master Transportation Plan was last completed in 2009 and the cycling plan review was completed in 2015. Both were applied to specific modes and did not encompass an overall transportation strategy and are currently out of date. An updated plan is needed to meet future transportation needs and township sustainability and climate action goals.

Climate Action Strategy: TM-12 Accelerate implementation of traffic calming measures to encourage active mobility

Without the development of this strategy the Township will not have a relevant long-term transportation strategy to guide the Township's transportation and land use decisions through to 2030 and beyond. The Township of Langley will not be able to meet it's newly adopted emission reduction targets without a strategy that incorporates the planning and improvement of multi-modal mobility options.

***Project Priority Ranking**: **MEDIUM 01**

Length of Project (in Years): 3

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	3,000	3,000			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	7,533	297,000	297,000			
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Total Funded	7,533	300,000	300,000	-	-	-
UNFUNDED						
Total Project Funding	**7,533**	**300,000**	**300,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Transportation Utility

Project Title — **Sidewalk Construction: 56 Avenue 24400 to 24600 Blk**

Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known): NEW — **Category**: TRNPEDS

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		200,000	1,200,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**1,200,000**	**-**	**-**	**-**

Project Description *(Phased Project)

Project includes construction of sidewalk on north side from 24400 to the 24600, including widening shoulder, relocation of no-posts, adjusting lock block wall, concrete curb and sidewalk, handrail, lease lights.

Project Justification & Consequences of Not Proceeding *(Phased Project)

To provide a continuous sidewalk connection on the north side of 56 Avenue. There are portions of sidewalk on the north side of 56 Avenue, with a significant gap in the 24400 to 24600 block. Requests have been received from local residents for the sidewalk, concerns with the lack of facilities, and concerns with the crossing of 56 Avenue. Sidewalk will improve safety for vulnerable road users such as cyclists and pedestrians. The traffic volume, curvature and changing grades of the roadway makes it problematic to provide a crossing location for pedestrians and cyclists.

***Project Priority Ranking**: **MEDIUM 02**

Length of Project (in Years): 2

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-	97,538				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	97,538	-	-	-	-
UNFUNDED		102,462	1,200,000			
Total Project Funding	**-**	**200,000**	**1,200,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Murrayville Overpass**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1148-01		**Category**	TRNPEDS		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		246,042	200,000	2,000,000	-	-
Carry Forward Amount	1,039					
Total Project Cost	**1,039**	**246,042**	**200,000**	**2,000,000**	**-**	**-**

Project Description ***(Phased Project)**	The construction of a pedestrian overpass in Murrayville over Fraser Highway in the vicinity of 221 Street to better accommodate pedestrian traffic volumes. The overpass will also be cycle and wheelchair accessible. Land acquisition in 2022. Construction in 2023. 2021 budget reflects cash in lieu collected in accordance with development in Murrayville, as directed through the Murrayville Community Plan.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Design phase of this project was completed in 2013. On Fraser Highway, between 216 and 224 Street, there are no pedestrian crossings. As this area contains the Langley Memorial Hospital, fire department, recreation centre, library and stores, pedestrians are compromising their safety by crossing this portion of the roadway for convenience. The Township has previously installed a road median with fencing and vegetation as a means to reduce pedestrians from seeking to cross this portion of Fraser Highway. However, pedestrian traffic continues to cross. A need has been identified for an additional safe crossing of Fraser Highway that connects the north and south portions of Murrayville. The project is also consistent with the Murrayville Community Plan and the Township Ultimate Cycling Network endorsed by Council.
***Project Priority Ranking**	**MEDIUM 05**

Length of Project (in Years) **5**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	8					
Operating Revenue	-		2,000	20,000		
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	804		198,000	1,980,000		
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: NRD Contribution**	227	246,042				
Total Funded	1,039	246,042	200,000	2,000,000	-	-
UNFUNDED						
Total Project Funding	**1,039**	**246,042**	**200,000**	**2,000,000**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Unidentified Externally Funded Projects**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1032-01	**Category**	TRNMISC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**
Project Description ***(Phased Project)**	Externally funded projects not in budget.					
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	To provide budget for externally funded capital projects not budgeted for in Transportation.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: External Revenue**	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
Total Funded	-	2,000,000	2,000,000	2,000,000	2,000,000	2,000,000
UNFUNDED						
Total Project Funding	**-**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**	**2,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**ICBC Unidentified Funding**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1225-01	**Category**	TRNADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**

Project Description ***(Phased Project)**	To provide budget authority for ICBC funding received through the year on various Capital projects.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	To provide budget for ICBC funding for capital projects not budgeted for in Transportation.
***Project Priority Ranking**	**PLACEHOLDER**

Length of Project (in Years) **ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Unidentified Revenue**	-	500,000	500,000	500,000	500,000	500,000
Total Funded	-	500,000	500,000	500,000	500,000	500,000
UNFUNDED						
Total Project Funding	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Truck Route Network Improvements: North Langley**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1266-01		**Category**	TRNDESN		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,100,000	6,000,000	6,000,000	-	-
Carry Forward Amount	196,744					
Total Project Cost	**196,744**	**2,100,000**	**6,000,000**	**6,000,000**	**-**	**-**

Project Description ***(Phased Project)**	To undertake detailed design and associated environmental and archaelogical assessments in 2021 (15% of overall costs) . Construction anticipated over multiple years for an alternative truck route in North Langley, approved by TransLink October 2018.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Report to Council November 23, 2020. Alternative routes need to be upgraded to accommodate goods movement prior to changes in the truck route network. Subject to Council approval, 2022 and 2023 funding identified from DCCs will be presented in an update to the DCC Bylaw program. Funding will be transferred to specific programs as design is completed.
***Project Priority Ranking**	**MEDIUM 03**

Length of Project (in Years) 4

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	196,744					
Operating Revenue	-			216,326		
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	840,000	2,400,000	2,400,000		
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	196,744	840,000	2,400,000	2,616,326	-	-
UNFUNDED		1,260,000	3,600,000	3,383,674		
Total Project Funding	**196,744**	**2,100,000**	**6,000,000**	**6,000,000**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Development Coordinated Works**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1057-01	**Category**	TRNMISC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	100,000	100,000	100,000	100,000
Carry Forward Amount	-					
Total Project Cost	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**

Project Description ***(Phased Project)**	To allow for cost sharing with development projects whereby savings can be achieved through economies of scale.
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	
***Project Priority Ranking**	**MEDIUM 04**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-			100,000	100,000	100,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: NRD**	-					
Total Funded	-	-	-	100,000	100,000	100,000
UNFUNDED		100,000	100,000			
Total Project Funding	**-**	**100,000**	**100,000**	**100,000**	**100,000**	**100,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

2021 WATER CAPITAL

Funding Status	Ranking	Project Title	Page No.	TOTAL	Water Capital Works Reserve	Internal Debt Funding from Water Surplus	LAS Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other
Inside	Critical	Reservoir: Jericho (Willoughby: 72 Ave at 204 St)	204	3,750,000		3,750,000				
Inside	Critical	Annual Water Main Infrastructure Replacement	205	500,000				500,000		
Inside	Critical	Murrayville 5 Corners Artesian Well	206	100,000				100,000		
Inside	High	Brookswood & Murrayville Water Quality Improvements	207	6,000,000	5,818,966			181,034		
Inside	High	Operations Centre: Repairs and Improvements	208	200,000	200,000					
Inside	Medium	Watermain: 28 Avenue	209	800,000	8,000				792,000	
Inside	Medium	West Aldergrove Reservoir: Chlorinator	210	250,000	250,000					
Inside	Medium	Water Main Valves: 101 Avenue and 201 Street	211	200,000	200,000					
Inside	Medium	Watermain Replacement: Willowbrook Connector	212	250,000	2,500				247,500	
Inside	Medium	Trunk Watermain Upgrade Design & Construction: 56 Ave	213	1,375,000	13,750				1,361,250	
Inside	Medium	Watermain: 60 Avenue; 264 to 226 Street	214	425,000	425,000					
Inside	Medium	Watermain Upsize: 32 Ave at 205 St to TOL Well #9 (Brookswood)	215	336,000	3,360				332,640	
Inside	Medium	Carvolth Zone Meter: 86 Avenue at 202 Street	216	150,000	150,000				-	
Inside Total				**14,336,000**	**7,071,576**	**3,750,000**	**-**	**781,034**	**2,733,390**	**-**
Placeholder		Annual Local Area Service (LAS) Program - Water	217	4,000,000			4,000,000			
Placeholder		Unidentified Externally Funded Projects	218	1,500,000						1,500,000
Placeholder Total				**5,500,000**	**-**	**-**	**4,000,000**	**-**	**-**	**1,500,000**
Total				**19,836,000**	**7,071,576**	**3,750,000**	**4,000,000**	**781,034**	**2,733,390**	**1,500,000**

Township of Langley
Capital Project Description
Water Utility

Project Title	**Reservoir: Jericho (Willoughby: 72 Ave at 204 St)**					
Work Breakdown (if it exists)	WTR1131-01	**Category**	WTRRESV			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		3,750,000	4,000,000	4,091,573	4,091,573	4,091,573
Carry Forward Amount	3,395,902					
Total Project Cost	**3,395,902**	**3,750,000**	**4,000,000**	**4,091,573**	**4,091,573**	**4,091,573**

Project Description *(Phased Project)	Design and Construction of Phase 1 of a 19.55ML Metro Vancouver Reservoir to supply water to Township of Langley and City of Surrey. Project is cost shared between Township of Langley and City of Surrey. Reservoir to be located at 204 Street and 73A Avenue. Phase 2 is not expected for at least another 15 years (late 2030s). An Amending Agreement was approved to provide cost certainty for Phase 2. A prepayment provision for Phase 2 is planned for 2023-2025 costing $4,091,573 each year for a total $12,274,719.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Project is required as a result of development. This project will be delivered and maintained by GVWD - to be operational in 2019. This is one of the required capital projects within the Amended Agreement between the Township and the GVWD (1998) when the Township joined the GVWD. The Township is required to pay 66.28% of capital costs for Phase 1.
***Project Priority Ranking**	**CRITICAL 01**

Length of Project (in Years) 9

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	118,020					
Capital Works Reserve	-			4,091,573	4,091,573	4,091,573
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt - **Water Capital Works**	3,277,882	3,750,000	4,000,000			
***Other:** _____	-					
Total Funded	3,395,902	3,750,000	4,000,000	4,091,573	4,091,573	4,091,573
UNFUNDED						
Total Project Funding	**3,395,902**	**3,750,000**	**4,000,000**	**4,091,573**	**4,091,573**	**4,091,573**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Annual Water Main Infrastructure Replacement**					
Work Breakdown (if it exists)	WTR1045-01	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		500,000	500,000	500,000	500,000	500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
Project Description *(Phased Project)	This annual capital project seeks funding to replace/repair various aging water infrastructure.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	As identified in the existing Water Master Plan, the plan prioritizes requirements that need to be completed. As infrastructure ages, replacement is necessary to maintain an acceptable level of service to customers.					
***Project Priority Ranking**	**CRITICAL 02**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	500,000	500,000	500,000	500,000	500,000
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	500,000	500,000	500,000	500,000	500,000
UNFUNDED						
Total Project Funding	**-**	**500,000**	**500,000**	**500,000**	**500,000**	**500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Murrayville 5 Corners Artesian Well**					
Work Breakdown (if it exists)	WTR1204-01	**Category**	WTRWELL			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		100,000	-	-	-	-
Carry Forward Amount	33,256					
Total Project Cost	**33,256**	**100,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Phase 1 (2020): Hire a consultant to undertake a study of the artesian well and provide recommendations to address any water quality issues. Phase 2 (2021): Implement recommendations which may include, but are not limited to, the restriction of public access to the water; decommissioning the well to stop the flow of water; and/or groundwater treatment
Project Justification & Consequences of Not Proceeding *(Phased Project)	Concerns were brought forward regarding public safety as it relates to water quality and the use of the artesian groundwater by local residents. The groundwater from this artesian well is not considered part of the Township's municipal water supply and is therefore not tested for water quality parameters nor considered potable.
***Project Priority Ranking**	**CRITICAL 03**

Length of Project (in Years) 2

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	100,000				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	33,256					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	33,256	100,000	-	-	-	-
UNFUNDED						
Total Project Funding	**33,256**	**100,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title **Brookswood & Murrayville Water Quality Improvements**

Work Breakdown (if it exists) NEW **Category** WTRQUAL

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		6,000,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**6,000,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)

Treatment of well water for the Murrayville and Brookswood areas to meet Canadian Drinking Water Standards. Referred to the 2020 budget process by Council November 18, 2019. Report 19-175. Additional water purchase was incorporated into 2020 budget, however further study was required on options.

Project Justification & Consequences of Not Proceeding *(Phased Project)

Water from the Brookswood and Murrayville supply wells have levels of iron and manganese that exceed both the Aesthetic Objective and Maximum Allowable Concentration permitted by the Guidelines for Canadian Drinking Water Quality. Treatment of these wells will ensure the supplied water meets the guidelines while reducing the supply demand, and associated greater cost, of water from the Greater Vancouver Water District. The additional water from GVWD has an additional cost to the Township of over one million dollars per year, so payback will be less than 6 years.

***Project Priority Ranking** **HIGH 01**

Length of Project (in Years)

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-	181,034				
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	5,818,966				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	6,000,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**6,000,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	340,000	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Water Utility

Project Title	**Operations Centre: Repairs and Improvements**					
Work Breakdown (if it exists)	WTR1162-01	**Category**	WTRSTRC			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	187,277					
Total Project Cost	**187,277**	**200,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	This funding will be utilized for electrical/mechanical upgrades, interior/exterior improvements to create more usable space, expand the women's changeroom area to accommodate increase in staff, additional parking , storage, etc.
Project Justification & Consequences of Not Proceeding *(Phased Project)	To improve space utilization, increase capacity, replace ageing equipment and infrastructure, provide additional storage, etc. The consequences are inefficient use of site, capacity issues, safety, etc.
***Project Priority Ranking**	**HIGH 02**

Length of Project (in Years) **5**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	15,373					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	171,904	200,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	187,277	200,000	-	-	-	-
UNFUNDED						
Total Project Funding	**187,277**	**200,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Watermain: 28 Avenue**					
Work Breakdown (if it exists)	WTR1203-01	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		800,000	-	-	-	-
Carry Forward Amount	75,000					
Total Project Cost	**75,000**	**800,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	To extend existing watermain totalling approximately 855m along 196 Street, 28 Avenue, and 200 Street to facilitate development in Brookswood/Fernridge.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Interdependencies with associated works would not be able to move forward within the anticipated time frame.
***Project Priority Ranking**	**MEDIUM 01**
Length of Project (in Years)	**2**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	74,250	792,000				
Capital Works Reserve	750	8,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	75,000	800,000	-	-	-	-
UNFUNDED						
Total Project Funding	**75,000**	**800,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	3,736	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**West Aldergrove Reservoir: Chlorinator**					
Work Breakdown (if it exists)	NEW	**Category**	WTRQUAL			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Purchase and Installation of a Water Chlorinator at the West Aldergrove Reservoir to maintain the Chlorine residual in the Aldergrove area.
Project Justification & Consequences of Not Proceeding *(Phased Project)	As part of the Gloucester municipal water area chlorine study the consultant has indicated that additional chlorination will be required at the west Aldergrove reservoir pump station to ensure adequate chlorine residual is maintained in this area of the Aldregrove water system. Not proceeding presents a greater risk of allowing bacterial growth in the water system and may result in health hazards to the water consumers.
***Project Priority Ranking**	**MEDIUM 02**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	250,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other:** _____	-					
Total Funded	-	250,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**250,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	12,000	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Water Main Valves: 101 Avenue and 201 Street**					
Work Breakdown (if it exists)	NEW	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		200,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**200,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Instalation of 2 isolation valves on the water mains located at 201 Street and 101 Avenue, and 1 isolation valve at 202 Street and 82 Avenue, allowing the surrounding water systems to be looped and continue water supply in the event of a watermain break.
Project Justification & Consequences of Not Proceeding *(Phased Project)	2 Valve installs on 201 Street. will allow for isolation of sections of the large trunk main that supplies water to the Northwest Langley Sewage Treatment Plant and Katzie First Nations. This isolation will allow the existing water main loop to continue to provide the surrounding properties with a supply of water in the event of a water main break similar to that of February 2020. This will also prevent loss of water to the Northwest Langley Sewage Treatment Plant. Loss of water supply to the treatment plant results in loss of sewage treatment capability within a short time and ultimately leads to the discharge of raw sewage into the Fraser River. 1 Valve install at 202 Street and 82 Avenue will also allow the surrounding water main in that area to be looped, providing water to the surrounding area while sections of the main are isolated in the event of a water main break.
***Project Priority Ranking**	**MEDIUM 03**
Length of Project (in Years)	**1**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	200,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	200,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**200,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	1,093	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Watermain Replacement: Willowbrook Connector**					
Work Breakdown (if it exists)	NEW	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		250,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**250,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Upgrade the watermain on Willowbrook Connector in conjunction with roadworks, as identified in the Water Master Plan.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Increasing the capacity of this watermain will improve fire protection to the industrial area along Mufford Crescent. The work is to be done in conjunction with the road widening of Willowbrook Connector.
***Project Priority Ranking**	**MEDIUM 04**
Length of Project (in Years)	1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	247,500				
Capital Works Reserve	-	2,500				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	250,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**250,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Trunk Watermain Upgrade Design & Construction: 56 Ave**					
Work Breakdown (if it exists)	NEW	**Category**	WTRMTNK			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,375,000	2,375,000	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**1,375,000**	**2,375,000**	**-**	**-**	**-**

Project Description *(Phased Project)	Complete the twinning of existing water main to trunk - 600 mm water main on 56 Avenue from 250 Street to Gloucester Way.
Project Justification & Consequences of Not Proceeding *(Phased Project)	As a result of East Langley Water Supply project, increased capacity will be required to transmit adequate water supply and to meet projected demands from growth in East Langley. DCC Program 18W006. Project includes a crossing of Highway 1, which should be done before or in conjunction with highway improvements.
***Project Priority Ranking**	**MEDIUM 05**
Length of Project (in Years)	3

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-		23,750			
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	1,361,250	2,351,250			
Capital Works Reserve	-	13,750				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	1,375,000	2,375,000	-	-	-
UNFUNDED						
Total Project Funding	**-**	**1,375,000**	**2,375,000**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	2,622	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Watermain: 60 Avenue; 264 to 226 Street**					
Work Breakdown (if it exists)	NEW	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		425,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**425,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Extend a 200mm diameter municipal watermain on 60 Avenue from the 26400 block to the 26600 block to connect 2 dead end sections of watermain. Project is required for looping of watermain in this section to no longer have a 800m section of dead end watermain which is not consistent with the Subdivision and Development Servicing Bylaw.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Dead end watermains of this length are not consistent with the Subdivsion and Development Servicing Bylaw. Looping the watermain provides increased redundancy for continued service and lower probabilty of water quality concerns.
***Project Priority Ranking**	**MEDIUM 06**
Length of Project (in Years)	

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	425,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	425,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**425,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	3,496	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Watermain Upsize: 32 Ave at 205 St to TOL Well #9 (Brookswood)**					
Work Breakdown (if it exists)	NEW	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		336,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	**-**	**336,000**	**-**	**-**	**-**	**-**

Project Description *(Phased Project)	Replace and upsize 200 m of existing 300 mm diameter pipe with 450 mm diameter pipe to increase capacity. Water Master Plan (WMP) SL_03. DCC 11W004.
Project Justification & Consequences of Not Proceeding *(Phased Project)	In accordance with Water Master Plan and Brookswood Official Community Plan (OCP), required to meet needs of growth and development in this area.
***Project Priority Ranking**	**MEDIUM 07**
Length of Project (in Years)	1

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-	332,640				
Capital Works Reserve	-	3,360				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	336,000	-	-	-	-
UNFUNDED						
Total Project Funding	**-**	**336,000**	**-**	**-**	**-**	**-**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title — **Carvolth Zone Meter: 86 Avenue at 202 Street**

Work Breakdown (if it exists) — NEW — **Category** — WTRSUPP

	2020 CFWD	2021	2022	2023	2024	2025
New Request Amount		150,000	-	-	-	-
Carry Forward Amount	-					
Total Project Cost	-	**150,000**	-	-	-	-

Project Description *(Phased Project)

Installation of a meter and related telemetry on a watermain crossing under Highway 1 at 202 Street

Project Justification & Consequences of Not Proceeding *(Phased Project)

Zone metering is an effective and cost efficient means of quantifying overall water consumption and locating water loss.

***Project Priority Ranking** — **MEDIUM 08**

Length of Project (in Years)

Proposed Funding Source	2020 CFWD	2021	2022	2023	2024	2025
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-	150,000				
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	150,000	-	-	-	-
UNFUNDED						
Total Project Funding	-	**150,000**	-	-	-	-
***Estimated Annual Operating impact**		-	-	-	-	-

Please Specify:

Township of Langley
Capital Project Description
Water Utility

Project Title	**Annual Local Area Service (LAS) Program - Water**					
Work Breakdown (if it exists)	WTR1053-01	**Category**	WTRMAIN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Carry Forward Amount	-					
Total Project Cost	**-**	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**

Project Description *(Phased Project)	This is a $4,000,00 provisional annual capital project that seeks funding to cover costs for potential water projects under the Local Area Service program. Through a Local Area Service, property owners who want to conduct neighbourhood improvements such as storm water petition Council, ask for the Township to undertake the work. The cost of providing the service is recovered through a local service tax placed on all the property owners in the area.
Project Justification & Consequences of Not Proceeding *(Phased Project)	Council policy has been to encourage extension of water mains by local service area improvements.
***Project Priority Ranking**	**PLACEHOLDER**
Length of Project (in Years)	**ANNUAL**

Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
*Other: _____	-					
Total Funded	-	4,000,000	4,000,000	4,000,000	4,000,000	4,000,000
UNFUNDED						
Total Project Funding	**-**	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**	**4,000,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

Township of Langley
Capital Project Description
Water Utility

Project Title	**Unidentified Externally Funded Projects**					
Work Breakdown (if it exists)	WTR1106-01	**Category**	WTRADMN			
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Carry Forward Amount	-					
Total Project Cost	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
Project Description *(Phased Project)	Externally funded projects not included in budget.					
Project Justification & Consequences of Not Proceeding *(Phased Project)	Externally funded projects not included in budget.					
***Project Priority Ranking**	**PLACEHOLDER**					
Length of Project (in Years)	**ANNUAL**					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	-					
Operating Revenue	-					
Prior Year's Surplus	-					
Federal/Provincial/Other Grants	-					
Development Cost Charges (DCCs)	-					
Capital Works Reserve	-					
Equipment Replacement Reserve	-					
Land Reserve	-					
Infrastructure Reserve	-					
Local Area Service (LAS) Reserve	-					
Municipal Finance Authority (MFA)	-					
TransLink	-					
ICBC	-					
Internal Debt	-					
***Other: Unident. External Funded**	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
Total Funded	-	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000
UNFUNDED						
Total Project Funding	**-**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**	**1,500,000**
***Estimated Annual Operating impact**		-	-	-	-	-
Please Specify:						

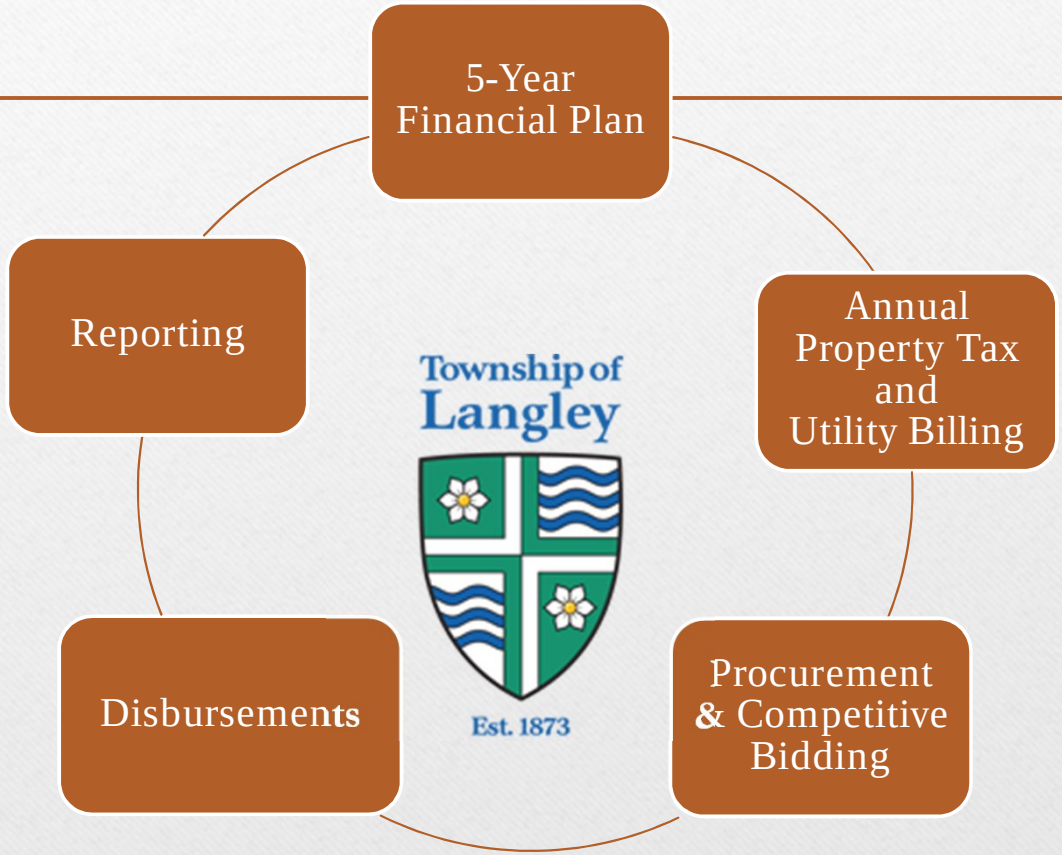
Township of Langley

Est. 1873

Draft 2021 Budget

November 30, 2020

Finance Cycle



Budget Timeline

Date	Action
November 30	Draft Budget Discussion (Q&A)
December 14	Draft Budget Discussion (Q&A)
January	Further Council discussion and if feasible initiate Public Input* (Still to be confirmed)
February 8	Results of Public Consultation
February 22	Draft Five-Year Financial Plan
March 8	Financial Plan Bylaw, 1st, 2nd, 3rd
March 22	Financial Plan Bylaw, Final
April 12	Property Tax Rate, Utility User Fee and Fees and Charges Bylaws, 1st, 2nd, 3rd
April 26	Property Tax Rate, Utility User Fee and Fees and Charges Bylaws, Final
May 21	Property Tax and Utility User Fee Notices Mailed
July 2	Property Tax and Utility User Fee Due Date

*May be done through email or another electronic medium

Universal Service Budget Overview Information

ASSUMPTIONS FOR THE FOLLOWING SLIDES:

- Revenue needs and expenses are for consideration and do not reflect suggestions as to the tax rate
- No 2020 operational deficit
- Growth rate of 1.53% (Reflects current estimates)
- Recreation service levels as per 2020 budget but assumes revenue at 25% of historical levels (consistent with what are other communities are experiencing and estimating)
- Reflects previous Council directives regarding ACUCC, WC Blair and Walnut Grove and includes additional costs for cleaning and other safety measures
- Includes Previous commitment and Annualized previous year costs which require additional revenue

Universal Service Budget Overview Information

Preliminary Universal Services Budget:

Base Budget in accordance with previous directives, policies and procedures	9.94%
(Includes annualized previous enhancements, incremental cost increases, and current capital contribution of $8.8M)	
Recreation Centre (COVID) increases	2.34%
Recreation Center Revenue reduction	2.68%
Growth	(1.53%)
Restart Grant (One-Time)	(5.46%)
Long Term Financial Plan Anticipated Adjustment	(4.95%)
Balance to Reconcile	3.02%

Universal Service Budget Overview Information

OPTIONS:

- LEVIES – Use of Levies will aid in transparency and in targeting funds to specific initiatives. Will not reduce overall costs but will aid in ensuring revenues are used in a sustainable fashion
- DEFERRALS – As reviewed in 2020 – are there any expenses which can be deferred to 2022?
- REALLOCATIONS – Can funds from any Operating program or Capital project be reallocated?
- REDUCTIONS – Could any programs be eliminated or could/should the Contribution to Capital be reduced?
- RESERVES AND SURPLUSES – Limited balances.
- STRATEGIC BORROWINGS – Long term implications.
- DIFFERENTIAL MILL RATE ADJUSTMENTS

Items Referred to Budget Process

Items Referred to the Budget Process

- Draft 2020-2024 Financial Plan

- That Council approve the removal of the following projects from the funding envelope of 2020 Transportation Capital projects, and refer them to the 2021 budget for discussion:
- -- Urban Arterial Road Construction: 212 Street from 76 Ave to 83 Ave (funded)
- -- Road Widening: 200 Street 7600 Block to LEC (deferred to 2022 – this $3.4M relates to the east side widening)
- -- Arterial Widening: 200 Street from 66 Ave to 68 Ave (deferred to 2022)

Items Referred to the Budget Process

- Fort Langley Outdoor Pool Assessment Update:

  That consideration be given to whether or not to proceed further on the replacement of the Fort Langley Outdoor Pool with a Splash Park.

This capital project is included in the budget as a $50K carry forward.

Items Referred to the Budget Process

- Tree Protection Bylaw (One Year Review)

  That Council refer two service enhancement requests related to the administration of the Tree Protection Bylaw to the 2021 budget deliberation process.

The two service enhancements for the Arborist and the Support Clerk have been included in the 2021 Discretionary Operating budget in the amount of $175,145.

Items Referred to the Budget Process

- Traffic Signal at 203 Street and 62 Avenue be referred to the 2021 budget process.

This Capital project has a carry forward budget of $512,951 of which $75K is funding from the City of Langley. A further $150K is included in the 2022 Capital budget.

Item Referred to the 2021 Budget Process

- Fort Langley Truck Route

Township of Langley
Capital Project Description
Transportation Utility

Project Title	**Truck Route Network Improvements: North Langley**					
Work Breakdown (if it exists) (Use Asset ID if exists and WrkBrk not known)	RDS1266-01		**Category**	TRNDESN		
	2020 CFWD	**2021**	**2022**	**2023**	**2024**	**2025**
New Request Amount		2,100,000	6,000,000	6,000,000	-	-
Carry Forward Amount	196,744					
Total Project Cost	**196,744**	**2,100,000**	**6,000,000**	**6,000,000**	-	-
Project Description ***(Phased Project)**	To undertake detailed design and associated environmental and archaelogical assessments in 2021 (15% of overall costs) . Construction anticipated over multiple years for an alternative truck route in North Langley, approved by TransLink October 2018.					
Project Justification & Consequences of Not Proceeding ***(Phased Project)**	Report to Council November 23, 2020. Alternative routes need to be upgraded to accommodate goods movement prior to changes in the truck route network. Subject to Council approval, 2022 and 2023 funding identified from DCCs will be presented in an update to the DCC Bylaw program. Funding will be transferred to specific programs as design is completed.					
***Project Priority Ranking**	**MEDIUM 03**					
Length of Project (in Years)	4					
Proposed Funding Source	**2020 CFWD**	**2021**	**2022**	**2023**	**2024**	**2025**
Reserve Future Capital Expenditure	196,744					
Operating Revenue	-			216,326		
Development Cost Charges (DCCs)	-	840,000	2,400,000	2,400,000		
Total Funded	196,744	840,000	2,400,000	2,616,326	-	-
UNFUNDED		1,260,000	3,600,000	3,383,674		
Total Project Funding	**196,744**	**2,100,000**	**6,000,000**	**6,000,000**	-	-

Item Referred to the 2021 Budget Process

- Fire Hall and Training Ground
  Five Year Capital Improvement Plan

- That Council included for consideration in the 2021 budget the following fire hall and training ground five year capital improvement plans, subject to detailed costing to include full expenditures and sources of funding including:
- Conduct a comprehensive building assessment of Hall 5 to determine the cost/benefit to retrofitting this building to a post-disaster building code standard;
- Conduct a comprehensive building assessment of Hall 8 to determine the cost/benefit to retrofitting this building to a post-disaster building code standard;
- Replace Hall 7 at its current location (3876 – 248 Street) and relocate a select few training props from the training ground to this site; Budgeted in 2023/24 total $26.9M unfunded
- Build a new Fire Hall (location: 232 Street and 72 Avenue) and relocate a select few training props from the training ground to this site; and
- Replace and relocate the burn building prop to Hall 3 / 26316 – 30A Avenue.

Capital Ranking Guidelines

Critical	• Risk to Health & Safety • Legislative Obligation • Imminent Loss of Asset
High	• Deterioration or Obsolescence • Leverage External Funding • Emergent Conditions
Medium	• Extend the Life of an Asset • Desirable New Infrastructure • Social, Cultural & Aesthetic Value • Cost Effective to Replace or Repair it now
Low	• Action Recommended in Studies / Reports • Promotes Inter-Municipal Cooperation

Capital Ranking – Other Factors Considered

Project Type	Description
Health & Safety	Projects that are required to address matters of public health and safety, with consequence of inaction reasonably anticipated to result in infrastructure failure with significant impact to public health and safety.
Referred to Budget/Bylaw or Policy Adoption	Projects that have been referred to budget by Council or have been approved by Council through adoption of a supporting bylaw or policy.
Stewardship	Projects that are necessary for cost-effective maintenance of existing infrastructure and provide future benefits by extending the life of an asset; or projects that are expected to generate future revenues or public benefit.
Grant Funding	Projects that are funded, in part, by external grants, eligibility criteria of which typically requires Council resolution of matching funds, or specified portion of overall costs, as the municipal contribution to the project.
Other	Projects that are funded by other non-grant sources such as Development Cost Charges or Non-Refundable Deposits.

Budget Bylaw

In millions

BUDGETED EXPENDITURES	2020 Bylaw	2021 Requests
Carry Forward Program (preliminary for 2020)	138.1	159.4
New Requests Within Funding Envelope*	146.5	70.3
Placeholder Budget Authority	63.5	66.2
Contributed Assets	35.0	35.0
New Requests Outside Funding Envelope of Current CTC and Other Sources	32.9	10.8

* 2021 - Assumes CTC of $8.8M is funded through the Operating Budget
2020 - Of the $146.5 million new requests within the funding envelope, $67.67 million relates to Land Acquisition projects which leaves $78.83 million for the remaining projects.

Capital Summary

(Breakdown of previous slide, Budget Bylaw, by department)

Division *(in millions)*	CFWD	Within Funding Envelope	Placeholder / Contributed Assets	TOTAL
Transportation	55.4	31.7	2.5	89.6
Facility Management	36.3	2.5	10.0	48.8
Parks	7.8	8.6	22.0	38.4
Recreation	0.5	0.0	-	0.5
Stormwater	9.2	3.0	1.7	13.9
Sanitary Sewer	12.2	4.6	2.5	19.3
Water	27.8	14.3	5.5	47.6
Fleet Services	3.2	2.5	-	5.7
Human Resources	0.1	-	-	0.1
Information Technology and Fiscal	2.0	0.7	-	2.7
Airport	1.4	0.0	-	1.4
Police Services	0.4	0.6	-	1.0
Fire Services	1.2	1.3	-	2.5
Community Development	0.1	0.0	36.0	36.1
Solid Waste	-	0.3	-	0.3
Corporate Administration & Fiscal	1.8	0.2	21.0	23.0
CURRENT YEAR	159.4	70.3	101.2	330.9
PREVIOUS YEAR	138.1	146.5	98.5	383.1

Placeholder Budget Authority

Parkland Acquisition - To *purchase parkland* should it come available. For this expenditure authority to be used, *there must be adequate Development Cost Charge funds in the reserve*.

Land *Capital Reserve* - To provide budget authority should an *opportunity present itself that wasn't foreseen* at budget time. *Adequate reserve funds must exist for this funding source to be used*. Reserve funds typically come from the sale of surplus lands. *Adequate reserve funds are currently not available.*

Land Capital Provision, funded from borrowing, has been provided in place of the traditional Land Capital Reserve funding envelope. Land acquisition will be required to be *'subject to financing' and counter petition* pending Ministry approval required for each debt request.

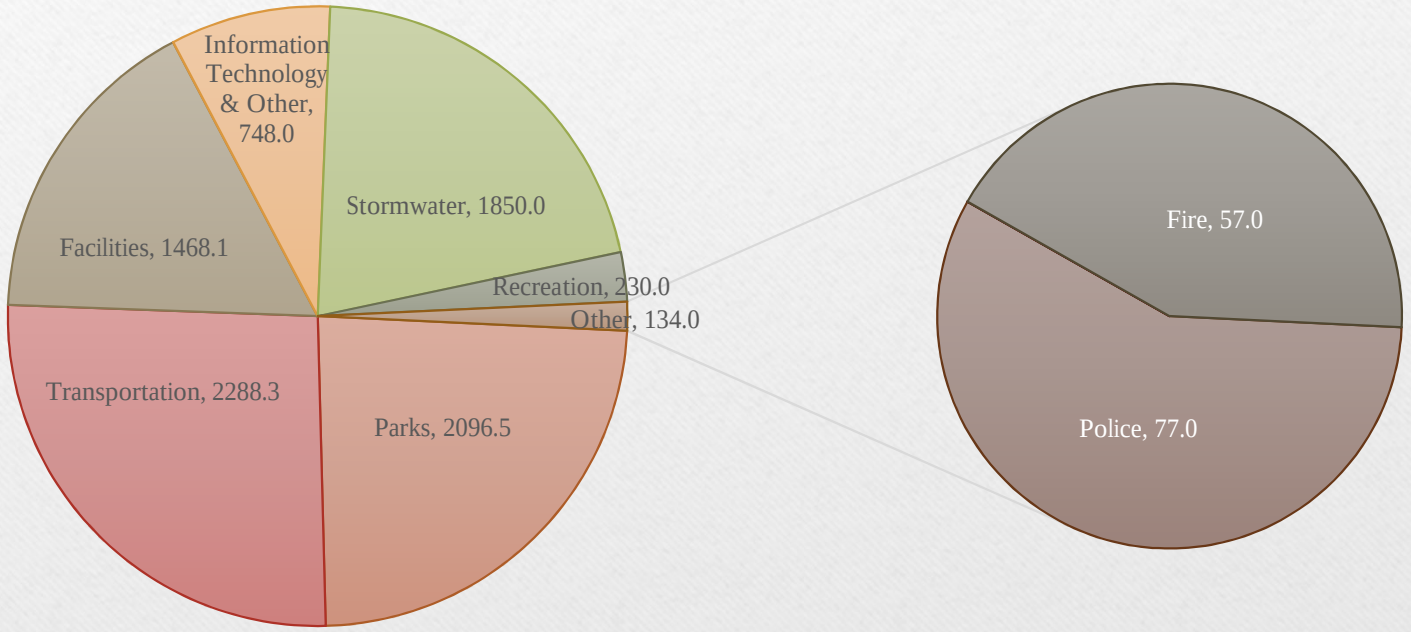
Unidentified *Externally Funded Projects* - Should the Township receive *funding that was not anticipated during the budget process*, for example when Grant Funding is received, this provision can be used to provide expenditure authority. As the funds come from an external source (i.e. grants) this budget provision has no impact on property taxes or utility user fees. *It will not be used in the absence of an external funding source*.

Contributed Assets – Is a funding envelope representing assets built by developers that will be turned over to and become part of the Township's inventory of Tangible Capital Assets.

The budget expenditure authority described above is not cumulative.

Each year any remaining budget authority falls away and a new provision is established.

Current (2020) Operating Contribution to Capital



Universal Services $8,814.9 /
Water $781 / Sanitary Sewer $243 / Solid Waste $50 *in thousands*

Reserves & Surplus

Surplus and Reserves	Water	Sanitary Sewer	Universal Services
Operating Surplus	2.9	2.3	4.7
Capital Surplus	0.5	0.5	2.1
Non Statutory Reserves	-	-	**35.2**
Capital Works	4.7	11.3	1.2
Land Capital	-	-	(40.4)
Parkland Reserve	-	-	8.4
Fire Apparatus & Equipment	-	-	1.4
Debt Reserve	1.5	-	4.9
TOTAL	**9.6**	**14.1**	**17.5**

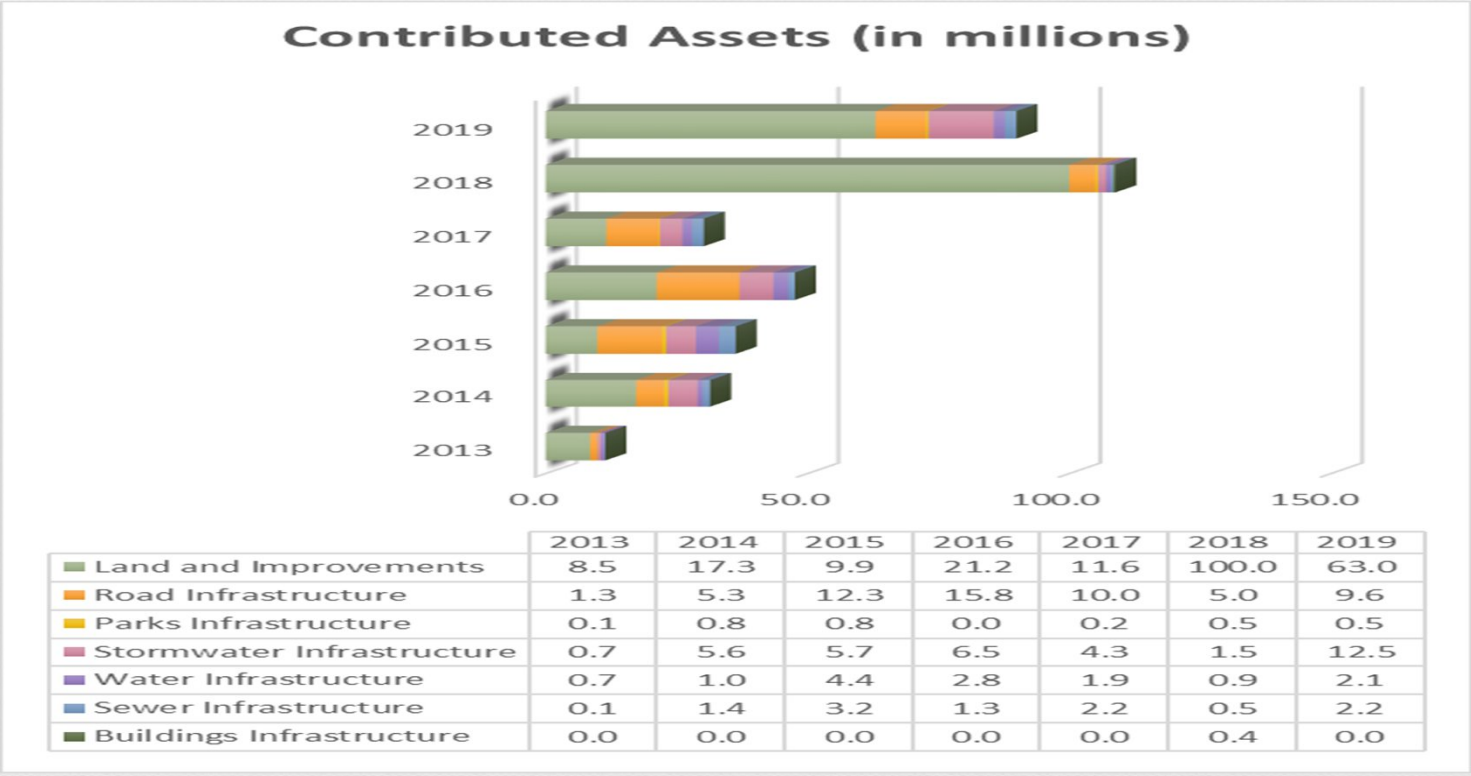
[1] 2020 Operating Surplus / Deficit has not been forecasted.

[2] See next slide for a breakdown of Non-Statutory Reserves

Reserves & Surplus

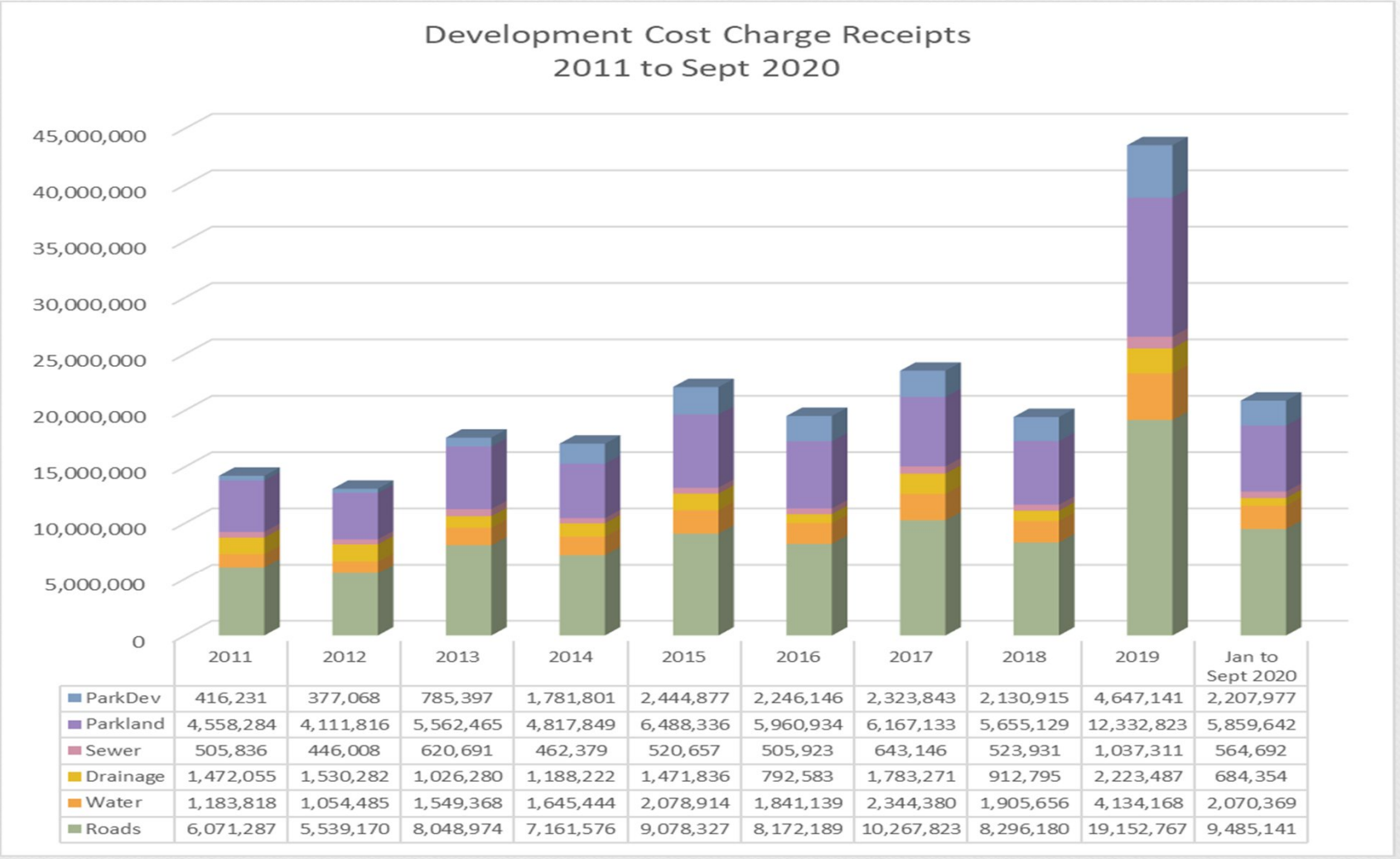
Non-Statutory Reserves	Amount
RCMP Building	5.3
Greenway Amenity Reserves	5.8
Landfill	1.1
Public Works Equipment Replacement	4.7
Canadian Museum of Flight	1.0
Carvolth Greenway Amenity Zoning	2.7
Latimer Greenway Amenity Zoning	2.7
Community Amenity Contribution Fund	1.1
Brookswood Fernridge Community Plan CAC	3.3
Other	7.4
TOTAL	**35.2**

Development Funding



	2013	2014	2015	2016	2017	2018	2019
Land and Improvements	8.5	17.3	9.9	21.2	11.6	100.0	63.0
Road Infrastructure	1.3	5.3	12.3	15.8	10.0	5.0	9.6
Parks Infrastructure	0.1	0.8	0.8	0.0	0.2	0.5	0.5
Stormwater Infrastructure	0.7	5.6	5.7	6.5	4.3	1.5	12.5
Water Infrastructure	0.7	1.0	4.4	2.8	1.9	0.9	2.1
Sewer Infrastructure	0.1	1.4	3.2	1.3	2.2	0.5	2.2
Buildings Infrastructure	0.0	0.0	0.0	0.0	0.0	0.4	0.0

Development Funding



	2011	2012	2013	2014	2015	2016	2017	2018	2019	Jan to Sept 2020
ParkDev	416,231	377,068	785,397	1,781,801	2,444,877	2,246,146	2,323,843	2,130,915	4,647,141	2,207,977
Parkland	4,558,284	4,111,816	5,562,465	4,817,849	6,488,336	5,960,934	6,167,133	5,655,129	12,332,823	5,859,642
Sewer	505,836	446,008	620,691	462,379	520,657	505,923	643,146	523,931	1,037,311	564,692
Drainage	1,472,055	1,530,282	1,026,280	1,188,222	1,471,836	792,583	1,783,271	912,795	2,223,487	684,354
Water	1,183,818	1,054,485	1,549,368	1,645,444	2,078,914	1,841,139	2,344,380	1,905,656	4,134,168	2,070,369
Roads	6,071,287	5,539,170	8,048,974	7,161,576	9,078,327	8,172,189	10,267,823	8,296,180	19,152,767	9,485,141

Strategic Borrowing
Outstanding Debt (Loans)

Existing External Debt (In millions)	Issue Number	Debt From DCCs	Debt From Utilities	Debt From Transportation Utility Fund	Debt From Stormwater Utility Fund	Debt from Parks Utility Fund	Debt from General Tax Fund	Maturity	Total Term
East Langley Water Supply	4919		29.7					2037	20
Water Pump Station, Maple Ridge	4920		6.2					2037	20
Total Debt from Water Utilities		-	*35.9*	-	-	-	-		
Interchange: 216 Street and Highway 1	5233	12.1						2037	20
Widening: 208 Street Overpass	5232	10.4						2037	20
Rail Overpass, Mufford Ave	4751	7.1						2035	20
Railway and Road Construction Projects	5347			12.5				2039	20
Rail Overpass, Mufford Safety Initiatives	4953			2.0				2039	20
Total Debt from Transportation Utilities		*29.6*	-	*14.5*	-	-	-		
Drainage Works	4829				1.5			2031	20
Stormwater Capital Works	4752				1.1			2030	20
Total Debt from Stormwater Utilities		-	-	-	*2.6*	-	-		
Sewer Works	4750		5.1					2030	20
Total Debt from Sewer Utilities		-	*5.1*	-	-	-	-		
Parkland Acquisitions	4455	1.6						2027	20
Parkland Acquisitions	4556	5.5						2027	20
Facility Repair, Improvement and Enhancement	5346					5.3		2039	20
Total Debt from Parks Utilities		*7.1*	-	-	-	*5.3*	-		
Facility Repair, Improvement and Enhancement	5346						1.4	2039	20
Total Debt from General Tax Fund		-	-	-	-	-	*1.4*		
MAP Arrival Point & Plaza	5507					1.9		2040	20
Land Acquisitions (Wu, Alder Inn, and Van Aert)	5508						16.4	2050	30
Land Acquisitions (Park & ASED)	5509	24.3					43.4	2050	30
LED Street Light Program				4.3					
Total 2020 Debt		*24.3*	*0.0*	*4.3*	*0.0*	*1.9*	*59.8*		
Total Current External Debt		61.0	*41.0*	18.8	2.6	7.2	61.2		

Strategic Borrowing
Annual Debt Servicing (Principal and Interest)

Existing External Debt Payments (In dollars)	Issue Number	Debt Payment From DCCs	Debt Payment From Utilities	Debt Payment From Transportation Utility Fund	Debt Payment From Stormwater Utility Fund	Debt Payment from Parks Utility Fund	Debt Payment From General Tax Fund
East Langley Water Supply	4919		2,187,009				
Water Pump Station, Maple Ridge	4920		457,489				
Total Debt from Water Utilities		***0***	***2,644,498***	***0***	***0***	***0***	***0***
Interchange: 216 Street and Highway 1	5233	944,429					
Widening: 208 Street Overpass	5232	805,074					
Rail Overpass, Mufford Ave	4751	499,041					
Railway and Road Construction Projects	5347			772,023			
Rail Overpass, Mufford Safety Initiatives	4953			139,700			
Total Debt from Transportation Utilities		***2,248,544***	***-***	***911,723***	***-***	***-***	***-***
Drainage Works	4829				173,233		
Stormwater Capital Works	4752				141,477		
Total Debt from Stormwater Utilities		***-***	***-***	***-***	***314,710***	***-***	***-***
Sewer Works	4750		667,944				
Total Debt from Sewer Utilities		***-***	***667,944***	***-***	***-***	***-***	***-***
Parkland Acquisitions	4455	182,266					
Parkland Acquisitions	4556	616,899					
Facility Repair, Improvement and Enhancement	5346					327,886	
Total Debt from Parks Utilities		***799,165***	***-***	***-***	***-***	***327,886***	***-***
Facility Repair, Improvement and Enhancement	5346						89,424
Total Debt from General Tax Fund		***-***	***-***	***-***	***-***	***-***	***89,424***
MAP Arrival Point & Plaza	5507					103,543	
Land Acquisitions (Wu, Alder Inn, and Van Aert)	5508						614,117
Land Acquisitions (Park & ASED)	5509	907,786					1,626,450
LED Street Light Program				297,000			
Total 2020 Debt Payments		**907,786**	**-**	**297,000**	**-**	**103,543**	**2,240,567**
Total Current External Debt Payments		**3,955,495**	**3,312,442**	**1,208,723**	**314,710**	**431,429**	**2,329,991**

20 Year Term ted Annual Debt Payments:			1,396,316		
					S/F Factor:
Principal:	21,000,000	**Interest Rate:**	**2.43%**		*0.042191225*
	Estimated Principal Payment	**Estimated Interest Payment**	**Estimated Total Payment**	**Estimated Actuarial**	**Reducing Balance**
					21,000,000
Yr 1 Semi Annual		255,150	255,150		21,000,000
Yr 1 Annual	886,016	255,150	1,141,166		20,113,984
Yr 2 Semi Annual		255,150	255,150		20,113,984
Yr 2 Annual	886,016	255,150	1,141,166	15,505	19,212,463
Yr 3 Semi Annual		255,150	255,150		19,212,463
Yr 3 Annual	886,016	255,150	1,141,166	31,282	18,295,166
Yr 4 Semi Annual		255,150	255,150		18,295,166
Yr 4 Annual	886,016	255,150	1,141,166	47,335	17,361,815
Yr 5 Semi Annual		255,150	255,150		17,361,815
Yr 5 Annual	886,016	255,150	1,141,166	63,668	16,412,131
Yr 6 Semi Annual		255,150	255,150		16,412,131
Yr 6 Annual	886,016	255,150	1,141,166	80,288	15,445,828
Yr 7 Semi Annual		255,150	255,150		15,445,828
Yr 7 Annual	886,016	255,150	1,141,166	97,198	14,462,614
Yr 8 Semi Annual		255,150	255,150		14,462,614
Yr 8 Annual	886,016	255,150	1,141,166	114,404	13,462,194
Yr 9 Semi Annual		255,150	255,150		13,462,194
Yr 9 Annual	886,016	255,150	1,141,166	131,912	12,444,267
Yr 10 Semi Annual		255,150	255,150		12,444,267
Yr 10 Annual	886,016	255,150	1,141,166	149,725	11,408,526
Yr 11 Semi Annual		255,150	255,150		11,408,526
Yr 11 Annual	886,016	255,150	1,141,166	167,851	10,354,659
Yr 12 Semi Annual		255,150	255,150		10,354,659
Yr 12 Annual	886,016	255,150	1,141,166	186,293	9,282,350
Yr 13 Semi Annual		255,150	255,150		9,282,350
Yr 13 Annual	886,016	255,150	1,141,166	205,059	8,191,276
Yr 14 Semi Annual		255,150	255,150		8,191,276
Yr 14 Annual	886,016	255,150	1,141,166	224,153	7,081,107
Yr 15 Semi Annual		255,150	255,150		7,081,107
Yr 15 Annual	886,016	255,150	1,141,166	243,581	5,951,511
Yr 16 Semi Annual		255,150	255,150		5,951,511
Yr 16 Annual	886,016	255,150	1,141,166	263,349	4,802,147
Yr 17 Semi Annual		255,150	255,150		4,802,147
Yr 17 Annual	886,016	255,150	1,141,166	283,462	3,632,669
Yr 18 Semi Annual		255,150	255,150		3,632,669
Yr 18 Annual	886,016	255,150	1,141,166	303,928	2,442,725
Yr 19 Semi Annual		255,150	255,150		2,442,725
Yr 19 Annual	886,016	255,150	1,141,166	324,752	1,231,956
Yr 20 Semi Annual		255,150	255,150		1,231,956
Yr 20 Annual	886,016	255,150	1,141,166	345,941	-0
TOTALS:	17,720,314	10,206,000	27,926,314	3,279,686	

Strategic Borrowing

Example:

- MFA loan for $21,000,000
- 2.43% interest rate
- 20 year amortization
- $1.396 million debt servicing
- equal to 1% property tax increase

Library Levy

LIBRARY LEVY			Amount	Tax Impact
Current FVRL Levy			**$ 4,598,589**	
Current Library Operating Cost not included in Levy*			**$ 583,000**	**0.42%**
New Library - Willoughby**				
	Phase in costs over 3 years:			
	FVRL Levy	$ 1,000,000		
		Include 1/3	$ 333,333	
	Other Operating Costs	$690,000		
		Include 1/3	$ 230,000	0.17%
	TOTAL NEW COSTS		**$ 563,333**	
Total Proposed Levy			**$ 5,744,922**	

*These costs are currently included in Universal budget

**These costs are not currently included in the Universal budget

Infrastructure Levy

INFRASTRUCTURE LEVY		
PER PARCEL	TOTAL LEVY	TAX IMPACT
$50.00	$ 2,310,000	-1.7%
$75.00	$ 3,465,000	-2.5%
$100.00	$ 4,620,000	-3.3%
$191.00 *	$ 8,824,200	-6.3%

*Levy required to fund current Contribution to Capital

Multi-Year Projects
Inside Funding Envelope for 2021

In millions ($1 million and greater when funding for 2021 is Inside)

UNIVERSAL SERVICES	2020/2021	2022	2023	2024	2025
Yorkson Community Park Development	5.2	3.5	3.5	3.5	3.5
Road Construction: 212 Connector 208 St/74 Ave to 212 St/77A Ave	2.0	42.8	-	-	-
Road Widening: 80 Avenue between 204 and 208 Streets	1.7	2.5	-	-	-
	8.9	48.8	3.5	3.5	3.5

USER PAY UTILITIES	2019/2020	2021	2022	2023	2024
Reservoir: Jericho (Willoughby 72 Ave at 204 St) Phases 1 & 2	7.1	4.0	4.1	4.1	4.1
Trunk Water Main Upgrade Design & Construction: 56 Ave	1.4	2.4	-	-	-

RED means currently not funded

AIRPORT

Funding Status	Ranking	Project Title	Page No.	TOTAL	Unfunded
Outside	Critical	Infrastructure Demolition	6	100,000	100,000
Outside	Critical	Airport Security Upgrades	7	60,000	60,000
Outside Total				**160,000**	**160,000**

CORPORATE AND MUNICIPAL ADMINISTRATION

Funding Status	Ranking	Project Title	Page No.	TOTAL	Operating Revenue	Prior Year's Surplus	Debt	Other	Unfunded
Inside	High	Administration Corporate Miscellaneous	9	55,000	55,000				
Inside	High	General Capital Contingency	10	150,000		150,000			
Inside Total				**205,000**	**55,000**	**150,000**	**-**	**-**	**-**
Placeholder		Unidentified Externally Funded Projects	11	1,000,000				1,000,000	
Placeholder		General Land Capital Provision	12	20,000,000			15,000,000	5,000,000	
Placeholder Total				**21,000,000**	**-**	**-**	**15,000,000**	**6,000,000**	**-**
Outside	Low	SmartCities: Wi-Fi	13	60,000					60,000
Outside Total				**60,000**	**-**	**-**	**-**	**-**	**60,000**
Total				**21,265,000**	**55,000**	**150,000**	**15,000,000**	**6,000,000**	**60,000**

COMMUNITY DEVELOPMENT

Funding Status	Ranking	Project Title	Page No.	TOTAL	Other	Unfunded
Placeholder		Assets Contributed from Developers	15	35,000,000	35,000,000	
Placeholder		Development Coordinated Works (NRDs)	16	1,000,000	1,000,000	
Placeholder Total				**36,000,000**	**36,000,000**	**-**
Outside	High	Vehicles for New Bylaw Officers	17	108,000		108,000
Outside Total				**108,000**	**-**	**108,000**
Total				**36,108,000**	**36,000,000**	**108,000**

FACILITIES

Funding Status	Ranking	Project Title	Page No.	TOTAL	Climate Action Reserve	Building Reserve	Capital Infrastructure Replacement and Renewal Reserve	Capital Surplus	Operating Revenue	Other	Unfunded
Inside	Critical	Fire Halls (Various): Emergency Preparedness Upgrades	19	75,000					75,000		
Inside	Critical	WC Blair Recreation Centre: Facility Upgrades	20	950,000					950,000		
Inside	Critical	GPC - Emergency Lighting upgrades	21	140,000					140,000		
Inside	Critical	Walnut Grove Community Centre: Pool Air Handling Unit Upgrades	22	100,000					100,000		
Inside	Critical	FAC - Annual Facility Improvements - Various Locations	23	250,000		250,000			-		
Inside	Critical	Civic Facility: Low Carbon Mechanical Retrofits	24	200,000	100,000				92,500	7,500	
Inside	Critical	LEC: Electrical, Mechanical, Refrigeration & Other	25	450,000			59,424	125,000	265,576		
Inside	Critical	Fire Hall 5: Low Carbon Mechanical Upgrades	26	100,000	100,000						
Inside	Critical	Low-Carbon Retrofit Plans	27	200,000	180,000					20,000	
Inside Total				**2,465,000**	**380,000**	**250,000**	**59,424**	**125,000**	**1,623,076**	**27,500**	**-**
Placeholder		FAC - Unidentified Externally Funded Projects	28	10,000,000						10,000,000	
Placeholder Total				**10,000,000**	**-**	**-**	**-**	**-**	**-**	**10,000,000**	**-**
Outside	Critical	Operations Centre: Lighting Upgrade	29	200,000						30,000	170,000
Outside	Critical	Fire Halls: Installation of Building Automation Systems	30	60,000							60,000
Outside	High	Operations Centre: Repairs and Improvements	31	200,000							200,000
Outside	High	Electric Vehicle Charging Infrastructure	32	20,000							20,000
Outside	High	Fire Hall 6: Heating, Ventilation and Air Conditioning Upgrade	33	400,000							400,000
Outside	High	Walnut Grove Community Centre: Envelope Repairs and Roof Replacement	34	75,000							75,000
Outside	High	Annual Accessibility Improvements: Various Facilities	35	75,000							75,000
Outside	High	Walnut Grove Community Centre: Glass Block Wall Repairs	36	110,000							110,000
Outside	High	George Preston Rec Centre - Roof Replacement	37	650,000							650,000
Outside	High	Fire Halls: Envelope, Mechanical, Electrical & Other	38	150,000							150,000
Outside	High	Parks Facilities: Envelope, Mechanical, Electrical & other	39	100,000							100,000
Outside	High	Walnut Grove Community Centre: Fitness Room Air Handling Unit Ventilation Upgrade	40	250,000							250,000
Outside	High	Fire Hall 3: Driveway Pavement Replacement	41	250,000							250,000
Outside	High	Walnut Grove Community Centre: Pool Feature Replacement	42	150,000							150,000
Outside	High	Walnut Grove Community Park: Roof and Deck Replacement	43	250,000							250,000
Outside	High	Brookswood Senior's Centre: Building Envelope Remediation	44	100,000							100,000
Outside	High	George Preston Recreation Centre: Arena Snowmelt System	45	150,000							150,000
Outside	Medium	Walnut Grove Community Centre: Gymnasium Air Conditioning System	46	150,000							150,000
Outside	Medium	Civic Facility: Renovations and Improvements	47	475,000							475,000
Outside	Medium	Philip Jackman Park: Washroom Renovations	48	100,000							100,000
Outside Total				**3,915,000**	**-**	**-**	**-**	**-**	**-**	**30,000**	**3,885,000**
Total				**16,380,000**	**380,000**	**250,000**	**59,424**	**125,000**	**1,623,076**	**10,057,500**	**3,885,000**

FIRE

Funding Status	Ranking	Project Title	Page No.	TOTAL	Fire Vehicle & Equip Repl. Reserve	Operating Revenue	Unfunded
Inside	Critical	Firefighting Equipment	50	195,000	195,000		
Inside	Critical	Training Equipment Capital	51	57,000		57,000	
Inside	High	Fire Department Capital Staff Vehicles	52	86,000	86,000		
Inside	Preapproval	Self-Contained Breathing Apparatus	53	960,775	960,775		
Inside Total				**1,298,775**	**1,241,775**	**57,000**	-
Outside	High	Fire Halls (Various): Space Planning	54	120,000			120,000
Outside	Medium	Emergency Preparedness Storage Facilities (Year 2)	55	270,000			270,000
Outside	Medium	Emergency Preparedness Equipment	56	10,000			10,000
Outside	Medium	Emergency Preparedness Education Program Equipment	57	5,000			5,000
Outside Total				**405,000**	-	-	**405,000**
Total				**1,703,775**	**1,241,775**	**57,000**	**405,000**

FLEET

Funding Status	Ranking	Project Title	Page No.	TOTAL	PW Vehicle & Equip Repl. Reserve
Inside	Per Review	Annual Small Equipment Replacement	59	50,000	50,000
Inside	Per Review	Annual Garage Equipment & Tools Replacement	60	20,000	20,000
Inside	Per Review	Annual Equipment Upgrading	61	50,000	50,000
Inside	Per Review	Annual Unanticipated Equipment Replacement	62	250,000	250,000
Inside	Per Review	Dump Truck (Heavy) Replacement 18-V013	63	320,000	320,000
Inside	Per Review	Dump Truck (Heavy) Replacement 23-V013	64	320,000	320,000
Inside	Per Review	Service Truck Replacement 716-V051	65	100,000	100,000
Inside	Per Review	Dump Truck (Medium) Replacement 963-V011	66	105,000	105,000
Inside	Per Review	Flat Deck Replacement 1077-V023	67	100,000	100,000
Inside	Per Review	Van Replacement 763-V043	68	90,000	90,000
Inside	Per Review	Passenger Vehicle Replacement 901-V046	69	50,000	50,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1090-V051	70	100,000	100,000
Inside	Per Review	Passenger Vehicle Replacement 805-V046	71	50,000	50,000
Inside	Per Review	Dump Truck (Medium) Replacement 1045-V012	72	105,000	105,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 104-V031	73	55,000	55,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 717-V031	74	50,000	50,000
Inside	Per Review	Passenger Vehicle Replacement 718-V031	75	55,000	55,000
Inside	Per Review	Pick Up Truck (Compact) Replacement 730-V031	76	55,000	55,000
Inside	Per Review	Passenger Vehicle Replacement 767-V031	77	55,000	55,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 949-V032	78	65,000	65,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1040-V032	79	65,000	65,000
Inside	Per Review	Pick Up Truck (Medium) Replacement 1041-V032	80	65,000	65,000
Inside	Per Review	Ice Edger Replacement 981-E073	81	20,000	20,000
Inside	Per Review	Skid Steer Loader Replacement 984-E015	82	70,000	70,000
Inside	Per Review	Pick Up Truck (Full Size) Replacement 947-V032	83	60,000	60,000
Inside	Per Review	Van Replacement 1001-V042	84	55,000	55,000
Inside	Per Review	Van Replacement 937-V042	85	55,000	55,000
Inside	Per Review	Pick Up Truck (Full Size) Replacement 948-V032	86	60,000	60,000
Inside Total				**2,495,000**	**2,495,000**
Total				**2,495,000**	**2,495,000**

INFORMATION TECHNOLOGY

Funding Status	Ranking	Project Title	Page No.	TOTAL	Operating Revenue	Unfunded
Inside	High	IT Infrastructure	88	200,000	200,000	
Inside	High	Equipment Replacements	89	200,000	200,000	
Inside	High	eGovernment Framework	90	200,000	200,000	
Inside	High	Miscellaneous Information Technology Requests	91	93,000	93,000	
Inside Total				**693,000**	**693,000**	**-**
Outside	High	Fraser River Presentation Theatre A/V Upgrades	92	320,000		320,000
Outside	High	Content Management System	93	75,000		75,000
Outside	High	Office Renovations : Civic Facility 3rd Floor IT Department	94	20,000		20,000
Outside Total				**415,000**	**-**	**415,000**
Total				**1,108,000**	**693,000**	**415,000**

RECREATION

Funding Status	Ranking	Project Title	Page No.	TOTAL	Fitness Equip Repl'ment Reserve	Operating Revenue	Unfunded
Inside	High	Multiple Locations - Furniture and Equipment Replacement	96	25,000		25,000	
Inside	High	GPC - Program Equipment	97	50,000		50,000	
Inside Total				**75,000**	**-**	**75,000**	**-**
Outside	Medium	Multiple Locations - Recreation Equipment Replacement	98	50,000			50,000
Outside Total				**50,000**	**-**	**-**	**50,000**
Total				**125,000**	**-**	**75,000**	**50,000**

POLICE

Funding Status	Ranking	Project Title	Page No.	TOTAL	CPO Reconfiguration Reserve	Operating Revenue	Other	Unfunded
Inside	High	Non-Shared Furniture & Equipment (CPOs)	103	25,000		25,000		
Inside	High	Shared Furniture & Equipment	104	80,000		52,000	28,000	
Inside	High	CPO North Langley	105	500,000	500,000			
Inside Total				**605,000**	**500,000**	**77,000**	**28,000**	**-**
Outside	High	Admin Pool Vehicle	106	50,000			17,500	32,500
Outside Total				**50,000**	**-**	**-**	**17,500**	**32,500**
Total				**655,000**	**500,000**	**77,000**	**45,500**	**32,500**

PARKS

Funding Status	Ranking	Project Title	Page No.	TOTAL	Climate Action Reserve	Yorkson Greenway Amenity Reserve	Neighbourhood Parkland Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other	Unfunded
Inside	Critical	Jackman Park Development	108	200,000				200,000			
Inside	Critical	Walnut Grove Trail Improvements	109	80,000				80,000			
Inside	Critical	PKS DCC Related Staffing	110	213,000				2,130	210,870		
Inside	Critical	Yorkson Community Park Development	111	3,000,000				30,000	2,970,000		
Inside	Critical	LED Lighting Upgrades: Various Park Locations	112	100,000	85,000					15,000	
Inside	Critical	SW Yorkson Neighbourhood Park	113	1,300,000				13,000	1,287,000		
Inside	Critical	NE Latimer Neighbourhood Park	114	1,350,000		150,000			1,200,000		
Inside	Critical	Street Tree Plantg Nrd	115	100,000						100,000	
Inside	Critical	Tree Planting Program	116	180,000						180,000	
Inside	Critical	Annual Skatepark Improvements and Repairs	117	100,000				100,000			
Inside	Critical	McClughan Park: Bridge Repairs	118	35,000				35,000			
Inside	Critical	Topham Park Passive Area	119	35,000				35,000			
Inside	Critical	Ponder Park Shelter Roof Replacement	120	75,000				75,000			
Inside	High	Yorkson Creek Bridge Replacement	121	650,000				650,000			
Inside	High	Annual Cemetery Improvements: Fort Langley	122	520,000				520,000			
Inside	High	Williams Park Trail Improvements	123	100,000				100,000			
Inside	Medium	McClughan Park Improvements	124	130,000				-	120,000	10,000	
Inside	Medium	Parks Miscellaneous Capital Projects	125	75,000				75,000			
Inside	Medium	Replacement Tree Planting: Bylaw 5478	126	10,000						10,000	
Inside	Medium	Derek Doubleday Arboretum Trails	127	250,000						250,000	
Inside	Medium	Annual Cemetery Improvements: Langley Lawn	128	51,393				51,393			
Inside Total				**8,554,393**	**85,000**	**150,000**	**-**	**1,966,523**	**5,787,870**	**565,000**	**-**
Placeholder		Parkland Property Acquisition	129	13,000,000				130,000	12,870,000		
Placeholder		Parkland Property (funded by Neighbourhood Parkland Reserve)	130	7,000,000			7,000,000				
Placeholder		Unidentified Externally Funded Projects	131	2,000,000						2,000,000	
Placeholder Total				**22,000,000**	**-**	**-**	**7,000,000**	**130,000**	**12,870,000**	**2,000,000**	**-**
Outside	Medium	Annual Cemetery Improvements: Langley Lawn	128	48,607							48,607
Outside	Medium	Annual Cemetery Improvements: Murrayville	132	100,000							100,000
Outside	Medium	Glen Valley Trail Connections	133	125,000							125,000
Outside	Medium	Trans Canada Trail at 102 Avenue Upgrade	134	210,000							210,000
Outside	Medium	James Kennedy Drainage	135	100,000							100,000
Outside	Medium	Noel Booth Centre Drainage	136	75,000							75,000
Outside	Medium	West Langley Park Drainage and Irrigation	137	200,000							200,000
Outside	Medium	Annual Tennis Courts Upgrading Program	138	120,000							120,000
Outside	Medium	Yorkson Flood Plain Park Trails & Parking	139	100,000							100,000
Outside	Medium	Willoughby Passive Park Trails	140	100,000							100,000
Outside Total				**1,178,607**	**-**	**-**	**-**	**-**	**-**	**-**	**1,178,607**
Total				**31,733,000**	**85,000**	**150,000**	**7,000,000**	**2,096,523**	**18,657,870**	**2,565,000**	**1,178,607**

STORMWATER

Funding Status	Ranking	Project Title	Page No.	TOTAL	Local Area Service Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other	Unfunded
Inside	Critical	Annual Stormwater Infrastructure Replacement	142	1,300,000		1,300,000			
Inside	Critical	East Munday Creek Bank Erosion	143	150,000		150,000			
Inside	Critical	Stormwater Climate Change Adaptation Study	144	300,000		300,000			
Inside	Critical	Stormwater System Climate Change Integration Plan	145	100,021		100,021			
Inside	High	Yorkson Lowlands - Stormwater Attenuation and Wetland Restoration	146	1,173,280				1,173,280	
Inside Total				3,023,301	-	1,850,021	-	1,173,280	-
Placeholder		Annual Local Area Service (LAS) Program - Stormwater	147	200,000	200,000				
Placeholder		Unidentified Externally Funded Projects	148	1,500,000				1,500,000	
Placeholder Total				1,700,000	200,000	-	-	1,500,000	-
Outside	Critical	Stormwater System Climate Change Integration Plan	145	49,979					49,979
Outside	High	Storm Sewer Improvements: 224 Street Murrayville	149	550,000			346,500		203,500
Outside	High	Annual ISMP Implementation	150	400,000					400,000
Outside	Medium	Ditch Improvements: 216 Street Murrayville	151	570,000					570,000
Outside	Medium	Annual Stormwater Utility Contingency	152	250,000					250,000
Outside	Medium	Annual Slope Stability: Various Locations	153	400,000					400,000
Outside Total				2,219,979	-	-	346,500	-	1,873,479
Total				6,943,280	200,000	1,850,021	346,500	2,673,280	1,873,479

SOLID WASTE

Funding Status	Ranking	Project Title	Page No.	TOTAL	Solid Waste Equip Repl. Reserve	Operating Revenue
Inside	Critical	Collection Carts	155	250,000	250,000	
Inside	High	Annual Equipment Replacement	156	50,000		50,000
Inside Total				**300,000**	**250,000**	**50,000**
Total				**300,000**	**250,000**	**50,000**

SANITARY SEWER

Funding Status	Ranking	Project Title	Page No.	TOTAL	Sewer Capital Works Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Local Area Service Reserve	Other
Inside	Critical	203 Street Lift Station: Odour Controller	158	150,000		150,000			
Inside	Critical	Lift Station and Forcemain: 24 Avenue 196 to 200 Street	159	2,250,000		22,500	2,227,500		
Inside	Critical	Annual Sanitary Lift Station Upgrades	160	500,000	429,104	70,896			
Inside	High	Repairs and Improvements: Operations Centre	161	200,000	200,000				
Inside	High	Annual DCC Sanitary Sewer Projects	162	350,000	3,500		346,500		
Inside	High	Annual Sewer Infrastructure Replacement	163	500,000	500,000				
Inside	Medium	Inflow & Infiltration Reduction: 27200 block 26B Avenue	164	500,000	500,000				
Inside	Medium	96 Avenue Sewer Main Upsize: 201 to 204 Street	165	120,000	1,200		118,800		
Inside Total				**4,570,000**	**1,633,804**	**243,396**	**2,692,800**	-	-
Placeholder		Annual Local Area Service (LAS) Program - Sewer	166	1,000,000				1,000,000	
Placeholder		Unidentified Externally Funded Projects	167	1,500,000					1,500,000
Placeholder Total				**2,500,000**	-	-	-	**1,000,000**	**1,500,000**
Total				**7,070,000**	**1,633,804**	**243,396**	**2,692,800**	**1,000,000**	**1,500,000**

TRANSPORTATION

Funding Status	Ranking	Project Title	Page No.	TOTAL	Yorkson Greenway Amenity Reserve	Gas Tax Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Translink	Other	Unfunded
Inside	Critical	Local Roads Pavement Overlay and Reconstruction	166	500,000		500,000	-				
Inside	Critical	Arterial & Collector Road Pavement Overlay & Reconstruction	167	500,000			500,000				
Inside	Critical	Fort Langley Pedestrian Overpass	168	2,439,372			250,000			2,189,372	
Inside	Critical	Road Widening: 208 Street - 84 to 76 Avenue	169	52,792	52,792		-				
Inside	Critical	Road and Intersection Impr: 24 Ave from 196 St to 200 St	170	400,000			4,000	396,000			
Inside	Critical	Road Construction: 212 Connector 208 St/74 Ave to 212 St/77A Ave	171	2,000,000			20,000	1,980,000			
Inside	Critical	Annual Recycling Carts	172	30,000			30,000	-			
Inside	Critical	Pedestrian and Cycling Infrastructure: 96 Avenue Edal to Trattle	173	320,000			160,000	-	160,000		
Inside	Critical	Design & Construction: 82 Ave Widening from 207 St west to Yorkson Creek	174	367,765	367,765		-	-			
Inside	Critical	Road Widening: Fraser Hwy 24500 to 25000 Blocks	175	3,562,000			17,810	1,763,190	1,781,000		
Inside	Critical	Pedestrian Overpass 200th Street at 68th Ave	176	170,000			1,700	168,300			
Inside	Critical	Slope Stability: 56 Avenue - 24200 Blk	177	30,000			30,000	-			
Inside	Critical	Retaining Wall: 16 Ave and 24400 Block	178	125,000			1,250	123,750			
Inside	Critical	Urban Arterial Road Construction: Willowbrook Connector: 64 to 68 Ave	179	14,000,000			140,000	13,860,000			
Inside	Critical	Transit Improvements: Various Locations	180	120,000			60,000	-	60,000		
Inside	Critical	Road Widening: 80 Avenue between 204 and 208 Streets	181	1,557,436	257,436		13,000	1,287,000			
Inside	Critical	Annual Commuter Cycling Improvements	182	955,000			5,000	495,000	455,000		
Inside	Critical	Road Widening: 56 Avenue; 21100 block to 213A Avenue	183	2,857,000			25,000	2,475,000		357,000	
Inside	Critical	Annual Pedestrian Improvements	184	320,000			160,000		160,000		
Inside	Critical	Pedestrian Improvements: 72 Avenue between 202 to 208 Streets	185	325,000			325,000				
Inside	High	Road Widening: 238 Street between 52 Avenue and 53A Avenue	186	150,000			150,000				
Inside	High	Public Spaces Waste Receptacles: Various Locations (5 year implementation)	187	295,028			295,028				
Inside	Medium	Transportation Planning Master Plan Phase 3	188	300,000			3,000	297,000			
Inside	Medium	Sidewalk Construction: 56 Avenue 24400 to 24600 Blk	189	97,538			97,538				
Inside	Medium	Murrayville Overpass	190	246,042			-			246,042	
Inside Total				**31,719,973**	**677,993**	**500,000**	**2,288,326**	**22,845,240**	**2,616,000**	**2,792,414**	**-**
Placeholder		Unidentified Externally Funded Projects	191	2,000,000						2,000,000	
Placeholder		ICBC Unidentified Funding	192	500,000						500,000	
Placeholder Total				**2,500,000**	**-**	**-**	**-**	**-**	**-**	**2,500,000**	**-**
Outside	Medium	Sidewalk Construction: 56 Avenue 24400 to 24600 Blk	189	102,462							102,462
Outside	Medium	Truck Route Network Improvements: North Langley	193	2,100,000				840,000			1,260,000
Outside	Medium	Development Coordinated Works	194	100,000							100,000
Outside Total				**2,302,462**	**-**	**-**	**-**	**840,000**	**-**	**-**	**1,462,462**
Total				**36,522,435**	**677,993**	**500,000**	**2,288,326**	**23,685,240**	**2,616,000**	**5,292,414**	**1,462,462**

WATER

Funding Status	Ranking	Project Title	Page No.	TOTAL	Water Capital Works Reserve	Internal Debt Funding from Water Surplus	LAS Reserve	Operating Revenue	Develop. Cost Charges (DCCs)	Other
Inside	Critical	Reservoir: Jericho (Willoughby: 72 Ave at 204 St)	198	3,750,000		3,750,000				
Inside	Critical	Annual Water Main Infrastructure Replacement	199	500,000				500,000		
Inside	Critical	Murrayville 5 Corners Artesian Well	200	100,000				100,000		
Inside	High	Brookswood & Murrayville Water Quality Improvements	201	6,000,000	5,818,966			181,034		
Inside	High	Operations Centre: Repairs and Improvements	202	200,000	200,000					
Inside	Medium	Watermain: 28 Avenue	203	800,000	8,000				792,000	
Inside	Medium	West Aldergrove Reservoir: Chlorinator	204	250,000	250,000					
Inside	Medium	Water Main Valves: 101 Avenue and 201 Street	205	200,000	200,000					
Inside	Medium	Watermain Replacement: Willowbrook Connector	206	250,000	2,500				247,500	
Inside	Medium	Trunk Watermain Upgrade Design & Construction: 56 Ave	207	1,375,000	13,750				1,361,250	
Inside	Medium	Watermain: 60 Avenue; 264 to 226 Street	208	425,000	425,000					
Inside	Medium	Watermain Upsize: 32 Ave at 205 St to TOL Well #9 (Brookswood)	209	336,000	3,360				332,640	
Inside	Medium	Carvolth Zone Meter: 86 Avenue at 202 Street	210	150,000	150,000				-	
Inside Total				**14,336,000**	**7,071,576**	**3,750,000**	-	**781,034**	**2,733,390**	-
Placeholder		Annual Local Area Service (LAS) Program - Water	211	4,000,000			4,000,000			
Placeholder		Unidentified Externally Funded Projects	212	1,500,000						1,500,000
Placeholder Total				**5,500,000**	-	-	**4,000,000**	-	-	**1,500,000**
Total				**19,836,000**	**7,071,576**	**3,750,000**	**4,000,000**	**781,034**	**2,733,390**	**1,500,000**

Operating Impact of Capital

Operating Impact (*in thousands*)	2021	2022	2023	2024	2025
Transportation	109	24	81	5	-
Parks	534	81	26	26	26
Facilities	22	-	-	-	-
Fire	11	-	-	-	-
Water	95	360	135	60	-
Sanitary Sewer	75	76	-	-	-
	846	541	242	91	26

2021 Submission:

Transportation:

$109K in 2021

- Road Widening: 202A 7700 block to 7900 block (**$17K**)
- Others (**$92K**)

Parks:

$534K in 2021

- Yorkson Community Park Development (**$116K**)
- Public Waste Receptacles (**$112K**)
- NE Latimer Neighbourhood Park (**$111K**)
- SW Yorkson Neighbourhood Park (**$106K**)
- McClughan Park Improvements (**$24K**)
- Annual Cemetery Improvements: Fort Langley (**$18K**)
- Annual Cemetery Improvements: Langley Lawn (**$18K**)
- Others (**$29K**)

Facilities:

$22K in 2021

- Yorkson Community Park Development (**$22K**)

Fire:

$11K in 2021

- Self-Contained Breathing Apparatus (**$11K**)

Water:

$95K in 2021

- Watermain Design & Construction:Brawn Pump Station to Murrayville Reservoir(**$51K**)
- Jericho Booster Station Design & Construction: 73A Ave & 204 St (**$22K**)
- Fort Langley Well #2 Upgrades (**$13K**)
- Others (**$9K**)

Sanitary Sewer:

$75K in 2021

- Lift Station: Milner (**$75K**)

Operating Impact of Contributed Assets *In full dollars*

Neighbourhood	Development Description	UNIVERSAL SERVICES	Storm	Roads	Parks	WATER	SANITARY SEWER
Brookswood	RIVERPORT CONSTRUCTION LTD	828	96	507	225	255	-
Brookswood	THE VILLAGE	-	-	-	-	-	1,369
Murrayville	HAUSER/SEVERIDE	13,568	951	10,742	1,875	732	268
Murrayville	KRUEGER	3,944	50	749	3,145	-	-
SW Gordon	INFINITY PROPERTIES LTD	47,011	664	4,372	41,975	88	86
NE Gordon	WOODHAVEN HOMES/EDGAR	35,952	683	13,087	22,182	543	210
Jericho	SCHOOL DISTRICT NO. 35	34,519	1,856	24,338	8,325	15	2,107
SE Yorkson	0986417 BC LTD/SUNCORP CAPITAL	28,237	235	9,660	18,341	255	410
SE Yorkson	A POET'S WYND DEVELOPMENTS	81,217	1,235	33,150	46,833	1,018	-
NE Yorkson	IK HOMES INC	21,241	259	1,379	19,604	109	-
NW Yorkson	WOODBRIDGE NW (YORKSON) LTD	21,652	75	5,177	16,400	255	-
NW Yorkson	POLYGON DEVELOPMENT 274 LTD	66,863	575	21,262	45,026	2,214	72
NW Yorkson	ROYALE PROPERTIES YORKSON III	46,126	241	12,667	33,218	2,075	52
NW Yorkson	QUALICO	13,379	10,417	2,961	-	-	615
Walnut Grove	SHAUGHNESSY WEST PROPERTIES	502	52	-	450	-	31
NW Langley	SILVERWYNDE PROPERTIES INC	4,428	100	2,978	1,350	-	-
Rural	BAGGIO/ARBORAK	668	30	638	-	-	-
Rural	OTTER TRAIL ESTATES LTD	5,283	652	4,631	-	4,029	-
Rural	FARINA	4,215	410	3,805	-	-	-
Rural	EVANS	11,482	148	10,659	675	255	-
Fort Langley	HANSEN/MORI	-	-	-	-	-	-
Fort Langley	LANSTONE PROPERTIES (FT LNGLY)	5,211	552	4,059	600	2,093	-
Fort Langley	MCDONALD	293	58	160	75	303	-
Fort Langley	SEA/SITE LINES ARCHITECTURE	72	25	47	-	-	-
Aldergrove	GREWAL/KAHLON	1,190	149	816	225	26	-
Aldergrove	GREWAL/DEOL	1,505	-	1,130	375	-	-
Aldergrove	BAKERVIEW PROPERTIES LTD	10,508	616	8,992	900	2,776	563
Aldergrove	KANG	1,623	150	1,248	225	-	-
Aldergrove	GILL	161	-	11	150	255	-
Gloucester	161884 CANADA INC/BEEDIE DEVEL	3,650	899	2,751	-	-	-
		465,325	21,178	181,973	262,174	17,293	5,782

Summary:

That Council receive and refer the 2021 Budget to a future special budget meeting of Council for purposes of further consideration, discussion and approval, as received or amended.

Please note: A CTC of $8.8M is assumed only if 3.02% shortfall is addressed elsewhere

Budget Timeline

Date	Action
November 30	Draft Budget Discussion (Q&A)
December 14	Draft Budget Discussion (Q&A)
January	Further Council discussion and if feasible initiate Public Input* (Still to be confirmed)
February 8	Results of Public Consultation
February 22	Draft Five-Year Financial Plan
March 8	Financial Plan Bylaw, 1st, 2nd, 3rd
March 22	Financial Plan Bylaw, Final
April 12	Property Tax Rate, Utility User Fee and Fees and Charges Bylaws, 1st, 2nd, 3rd
April 26	Property Tax Rate, Utility User Fee and Fees and Charges Bylaws, Final
May 21	Property Tax and Utility User Fee Notices Mailed
July 2	Property Tax and Utility User Fee Due Date

* May be done through email or another electronic medium

Questions and Answers

THE CORPORATION OF THE TOWNSHIP OF LANGLEY

ELECTION AND POLITICAL SIGNS BYLAW 2015 NO. 5034

AMENDMENT BYLAW 2020 NO. 5679

EXPLANATORY NOTE

Bylaw 2020 No. 5679 amends the Election and Political Signs Bylaw 2015 No. 5034. The bylaw amends the starting date for the duration of placement of Local Government Election signage to be 21 days prior to the general voting day.

THE CORPORATION OF THE TOWNSHIP OF LANGLEY

ELECTION AND POLITICAL SIGNS BYLAW 2015 NO. 5034

AMENDMENT BYLAW 2020 NO. 5679

The Municipal Council of the Corporation of the Township of Langley, in Open Meeting Assembled, ENACTS AS FOLLOWS:

1. This Bylaw may be cited for all purposes as "Election and Political Signs Bylaw 2015 No. 5034 Amendment Bylaw 2020 No. 5679".

2. The "Election and Political Signs Bylaw 2015 No. 5034" is amended:

(a) Part 1 Duration and Requirements / Restrictions for Election and Political Signs Duration

Duration

Section 1.3 – Replace the words:

"from the first day of the nomination period"

With the words:

"from 9:00am on the twenty-first (21st) day prior to general voting day"

READ A FIRST TIME the	day of	, 2020
READ A SECOND TIME the	day of	, 2020
READ A THIRD TIME the	day of	, 2020
ADOPTED the	day of	, 2020

_____ Mayor _____ Township Clerk