



# Capital Plan

## 2019-20

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Capital Plan  
Finance and Treasury Board  
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# Capital Plan

## 2019-20

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# Capital Plan 2019–2020

The 2019-20 Capital Plan will invest in schools, buildings, hospitals, highways and technology in communities across Nova Scotia.

Government releases an infrastructure investment plan annually to lay out planned capital spending for the coming year. This year's plan totals \$691.3 million.

Health and Wellness infrastructure spending in this year's Capital Plan contains an overall investment of \$156.9 million for Health Care Redevelopment projects in Nova Scotia. The plan also includes \$35.2 million for construction, repair and renewal of other hospitals and medical facilities, \$21.3 million to replace equipment, and \$4.6 million for ambulance replacement and \$1.5 million to improve information technology.

Government will invest \$63.1 million to build, purchase and renovate schools to give students modern learning facilities. The design and construction of fourteen schools and the purchase of one school is included in the Capital Plan.

Also included is an investment of \$9.1 million in information technology projects for six additional departments and agencies.

The Department of Transportation and Infrastructure Renewal released its annual 5-Year Highway Improvement Plan. Capital spending under this plan totals \$300.0 million in 2019-2020.

## What Is Capital Spending And A Capital Plan?

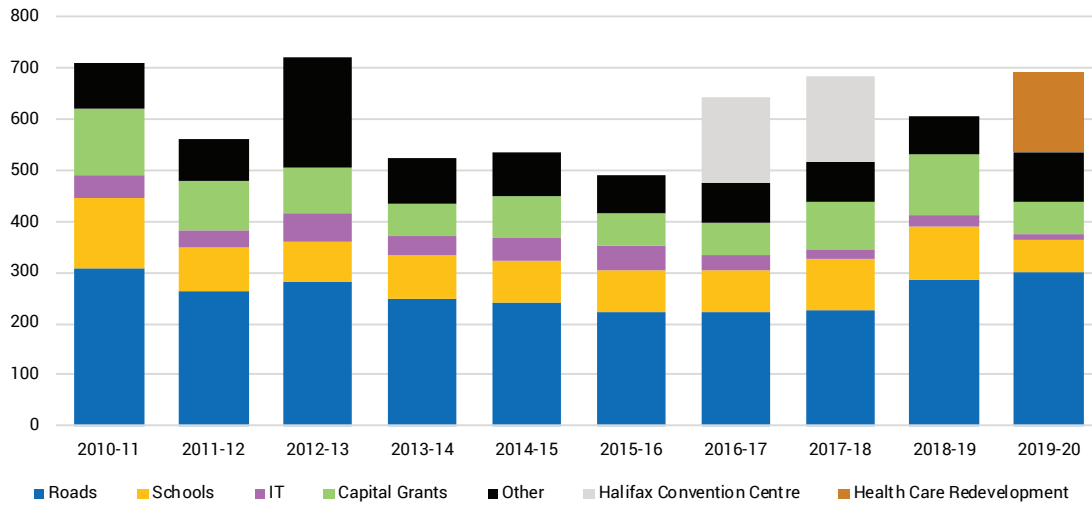
Government distinguishes between the costs that relate to its day-to-day operations, called operating costs (such as salaries and rent), and those that are more long-term in nature, called capital assets (such as buildings, equipment and vehicles). The assets government intends to acquire or develop are contained in the Capital Plan. Government establishes capital budgets on an annual basis. The Capital Plan will be tabled in the Spring session of the Legislature, and subject to approval in the 2019–20 budget.

## Development of the Capital Plan

Annually, government departments are asked to prepare and submit their capital requests. Projects are then reviewed, analyzed, and prioritized by government representatives selected for expertise in critical assessment areas. Treasury and Policy Board provides guidance and approval of the Capital Plan.

The decision to invest in a road, school, or other public infrastructure is based on the answers to key questions: Is the existing structure safe? Does the project fit with government's commitments and policy priorities? What is the cost weighed against the benefits? Does it make fiscal sense in light of other needs? Will the infrastructure result in improved service to the public? What is the risk of not building it?

## Capital Spending By Fiscal Year (\$ millions)

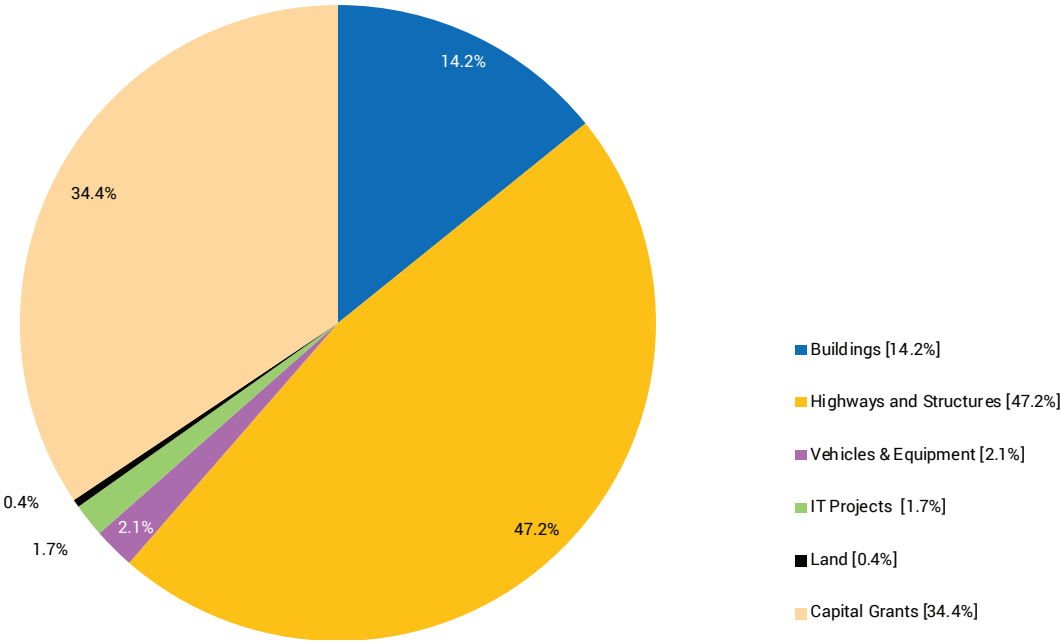


2016-17 indicates investment in Halifax Convention Centre subsequently deferred to 2017-18  
 2017-18 indicates investment in Halifax Convention Centre

### Capital Funding Summary

Highways and Structures	\$303.8 million
Buildings and Land	\$93.7 million
Information Technology	\$10.6 million
Vehicles and Equipment	\$13.4 million
Capital Grants	\$221.8 million
Contingency	\$48.0 million
<b>Total</b>	<b>\$691.3 million</b>

# Percentage Of Capital By Project Type



Percentage calculations exclude contingency.

# Projects by Type

## Highways and Structures

### Major Construction Projects for 2019-20

- Highway 101: Digby to Marshalltown (Multiple Year Project)
- Highway 101: Three Mile Plains to Falmouth Twinning (Multiple Year Project)
- Highway 101: Exit 10 West Bound, access improvements
- Highway 102: Aerotech Connector (Multiple Year Project)
- Highway 102: Lantz Interchange and Connector (Multiple Year Project)
- Highway 102/103: Interchange Structure Replacement (Multiple Year Project)
- Highway 103: Upper Tantallon to Ingramport Twinning (Multiple Year Project)
- Highway 103: **Twinning**: Ingramport to Hubbards (Multiple Year Project)
- Highway 104: **Twinning**: Sutherlands River to Antigonish (Multiple Year Project)
- Highway 104: Exit 44 Lower River Inhabitants, access improvements
- Highway 107: Exit 18 Mineville, access improvements
- Highway 107: Sackville-Bedford-Burnside New Alignment (Multiple Year Project)
- Trunk 30: Cabot Trail (Smokey) from 500 metres south of Path End Bridge northerly to Park entrance

## **Construction/Improvement Projects 2019-20**

**Route 255:** Intersection upgrade at Brookside Street and Forest Street

**Route 333:** from 200 metres east of Mills Drive to 500 metres east of MacDonald Lake Drive

**Trunk 3:** Wake Up Hill Road realignment

**Trunk 4:** Upgrade intersection at Trunk 4 / 7

**Trunk 4:** Upgrade intersection and signals at west entrance of Mayflower Mall

**Trunk 4:** Intersection realignment at Trunk 4 and Old Airport Road

## **Asphalt Projects for 2019-20**

**Highway 101:** from Ellershouse Bridge easterly (concrete section)

**Highway 101:** from 1 km east of Exit 11 to Exit 12 include 1 km ramps exit 11

**Highway 104:** East Bound Lane from Exit 19

**Highway 104:** West Bound Lane from Exit 21 to Exit 20

**Highway 104:** from km 47 to km 43.3 (concrete section)

**Highway 118:** North Bound Lane from 1 km south of Exit 13E northerly to Portobello Bridge

**Highway 118:** South Bound Lane from Exit 13S on ramp southerly to Exit 12

**Highway 125:** East Bound Lane from George Street (Exit 8) easterly to Grand Lake Road

**Highway 125:** West Bound Lane from Grand Lake Road westerly to Kings Road (Exit 6)

**Route 213:** Hammonds Plains Road from Westwood Boulevard southerly

**Route 308:** from Chemin de la Pointe southerly to Indian Sluice Bridge

**Route 325:** from 600 metres west of Auburndale Road westerly to Monk Road

**Route 337:** from South Lakevale Road northerly

**Route 362:** from Delusion Road to Stronach Mountain Road

**Trunk 1:** from Commercial Street (Berwick) westerly to Aylesford Road

**Trunk 2:** from Highway 102 to Belmont Road

**Trunk 2:** from Colchester/Hants County Line northerly to rail crossing

**Trunk 3:** from 1.3 kms east of Duke Street to Wake Up Hill Road

**Trunk 7:** from Beaver Harbour Road to Gammons Road

**Trunk 16:** from intersection at Church and Queen Streets (Village of Guysborough) northerly

**Trunk 28:** (Seaside Drive) from 250 metres north of River Ryan Bridge to Emerald Street

**Trunk 28:** from 150 metres south of Egan Avenue easterly to Kilkenny Lake Road

**Trunk 33:** Bedford Bypass West Bound Lane from Exit for Dartmouth Road to Highway 101 at Overpass

## **Bridge Replacement/Rehabilitation Projects for 2019-20**

**Bennery Brook Bridge:** North Bound Lane Highway 102 (Multiple Year Project)

**Liscomb River Bridge:** Trunk 7

**Cranton Bridge:** Cranton Cross Road

**Lennox Passage Bridge:** Route 320

**Great Bras d'Or Crossing Bridge:** (Seal Island) (Multiple Year Project)

**Nappan Marsh Bridge:** Trunk 2

**Cornwallis River Bridge:** Route 359 (Cornwallis Street)

**Morris Island Bridge:** Route 308

**Victoria Road Railroad Overpass:** Victoria Road

**McInnis Glen Brook Bridge:** Route 236

**Grantmyre Brook Culvert:** Beechmount Road

**Bank Bridge:** Upper River Road

**East River Bridge:** Trunk 3

**Note:** Full list of projects, including local road asphalt and gravel roads, in the 2019-20 5 Year Highway Improvement Plan

## Other Structures

Flood mitigation measures	Agriculture
Telecommunication Tower Replacement Program	Transportation and Infrastructure Renewal

## Building and Land

### School construction

Bedford Ravines P-9 School	Education and Early Childhood Development
Clare Regional Elementary School	Education and Early Childhood Development
Eastern District P-12 School	Education and Early Childhood Development
Eastern Shore District High School	Education and Early Childhood Development
Ecole Halifax Peninsula	Education and Early Childhood Development
Ecole Wedgeport	Education and Early Childhood Development
Glace Bay Area Elementary School	Education and Early Childhood Development
Le Marchant-St. Thomas Elementary School	Education and Early Childhood Development
Springhill Elementary School	Education and Early Childhood Development
Spryfield High School (JL Ilsley Replacement)	Education and Early Childhood Development
Yarmouth Elementary School	Education and Early Childhood Development

### P3 school acquisitions

Horton High School	Education and Early Childhood Development
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### School additions and alterations

Ecole acadienne de Pomquet	Education and Early Childhood Development
Ferrisview Elementary School	Education and Early Childhood Development



**Building other**

Tourism icon fund	Business
Housing Nova Scotia public housing renewal	Community Services
Cape Breton Hospitals	Health and Wellness
Capital clinical renovations	Health and Wellness
Chemotherapy preparation lab	Health and Wellness
Dartmouth General Hospital expansion and renovation construction	Health and Wellness
Dartmouth General Hospital parking	Health and Wellness
Digby General Hospital dialysis unit construction	Health and Wellness
East Coast Forensic Hospital (CCTV)	Health and Wellness
Glace Bay Hospital dialysis unit design	Health and Wellness
Halifax Infirmary 3rd and 5th floor renovations	Health and Wellness
Hants Community Hospital renovation	Health and Wellness
IWK emergency department design	Health and Wellness
Medical facilities repairs and renewals	Health and Wellness
North Cumberland Health Centre project	Health and Wellness
Nova Scotia Hospital boiler replacement	Health and Wellness
Primary health care facilities improvements - Shelburne	Health and Wellness
Purdy Building services relocation and demolition	Health and Wellness
QEII redevelopment	Health and Wellness
South Shore Hospital ED and ICU expansion	Health and Wellness
Valley Regional Hospital dialysis unit	Health and Wellness
Central Nova Correctional Facility renovations	Justice
Central Nova Correctional Facility security surveillance upgrades	Justice
Courts safety leasehold improvements	Justice
Provincial parks infrastructure	Lands and Forestry
Shubenacadie complex infrastructure renewal	Lands and Forestry
Building Betterments	Transportation and Infrastructure Renewal
Courts barrier - free access improvements	Transportation and Infrastructure Renewal
Highland Village redevelopment	Transportation and Infrastructure Renewal
Halifax Provincial Court safety betterments	Transportation and Infrastructure Renewal
Museum of Industry roof betterments	Transportation and Infrastructure Renewal

Perkins House restoration	Transportation and Infrastructure Renewal
South Shore mechanical branch garage	Transportation and Infrastructure Renewal

## Land

Cunard development	Business
Land purchases	Lands and Forestry
Land purchases	Office of Aboriginal Affairs

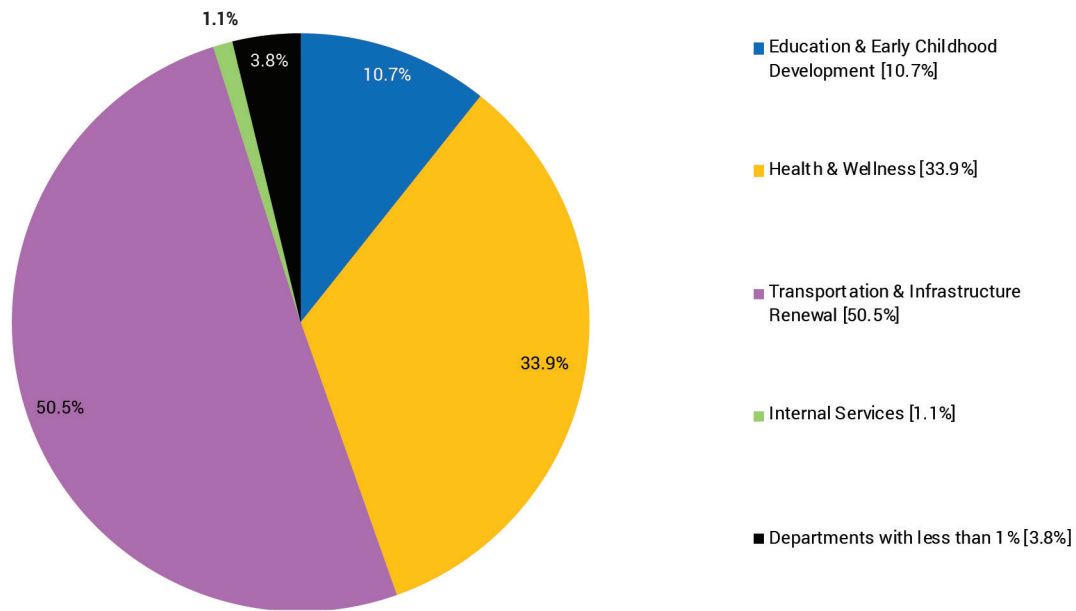
## Information Technology

Online services IT system	Community Services
Inspection and aquaculture programs IT system	Environment
Capital infrastructure betterments	Internal Services
Corporate IT applications	Internal Services
Health and safety management IT system	Internal Services
Health capital infrastructure	Internal Services
Provincial DHA/IWK staff scheduling system	Internal Services
MEP compatibility and accessibility IT System	Justice
Municipal data management system	Municipal Affairs
Registry of Joint Stock Companies IT system	Service Nova Scotia

## Vehicles and Equipment

Lab equipment	Agriculture
School bus fleet renewal	Education and Early Childhood Development
Ambulance fleet renewal	Health and Wellness
IWK MRI replacement	Health and Wellness
Medical equipment	Health and Wellness
PSFC mobile communications support vehicles	Internal Services
Justice centres security systems upgrades	Justice
Fleet renewal	Justice
EMO fleet renewal	Municipal Affairs
Fleet renewal	Lands and Forestry

## Percentage Of Capital By Department



Percentage calculations exclude contingency.

## Projects by Department

### Agriculture

Lab equipment	Equipment
Flood mitigation measures	Structures

### Business

Tourism icon fund	Buildings
Cunard development	Land

### Community Services

Housing Nova Scotia public housing renewal	Buildings
Online services IT system	Information Technology

### Education and Childhood Development

Bedford Ravines P-9 School	School construction
Clare Regional Elementary School	School construction
Eastern District P-12 School	School construction
Eastern Shore District High School	School construction

Ecole Halifax Peninsula	School construction
Ecole Wedgeport	School construction
Glace Bay Elementary School	School construction
Le Marchant-St. Thomas Elementary School	School construction
Springhill Elementary School	School construction
Spryfield High School (JL Ilsley Replacement)	School construction
Yarmouth Elementary School	School construction
Horton High School	P3 school acquisitions
Ecole acadienne de Pomquet	School additions and alterations
Ferrisview Elementary School	School additions and alterations
Frank H. MacDonald Elementary School	School additions and alterations
School capital repairs	School additions and alterations
School bus fleet renewal	Vehicles

## Environment

Inspection and aquaculture programs IT system	Information Technology
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## Health and Wellness

Cape Breton Hospitals	Buildings
Capital clinical renovations	Buildings
Chemotherapy preparation lab	Buildings
Dartmouth General Hospital expansion and renovation construction	Buildings
Dartmouth General Hospital parking	Buildings
Digby General Hospital dialysis unit construction	Buildings
East Coast Forensic Hospital (CCTV)	Buildings
Glace Bay Hospital dialysis unit design	Buildings
Halifax Infirmary 3rd and 5th floor renovations	Buildings
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Medical facilities repairs and renewals	Buildings
North Cumberland Health Centre project	Buildings
Nova Scotia Hospital boiler replacement	Buildings
Primary health care facilities improvements - Shelburne	Buildings
Purdy Building services relocation and demolition	Buildings
QEII redevelopment	Buildings

South Shore Hospital ED and ICU expansion	Buildings
Valley Regional Hospital dialysis unit	Buildings
IWK MRI replacement	Equipment
Medical equipment	Equipment
Ambulance fleet renewal	Vehicles

## Internal Services

Capital infrastructure betterments	Information Technology
Corporate IT applications	Information Technology
Health and safety management IT system	Information Technology
Health capital infrastructure	Information Technology
Provincial DHA/IWK staff scheduling system	Information Technology
PSFC mobile communications support vehicles	Vehicles

## Justice

Central Nova Correctional Facility renovations	Buildings
Central Nova Correctional Facility security surveillance upgrades	Buildings
Courts safety leasehold improvements	Buildings
Justice centres security systems upgrades	Equipment
MEP compatibility and accessibility IT System	Information Technology
Fleet renewal	Vehicles

## Municipal Affairs

Municipal data management system	Information Technology
EMO fleet renewal	Vehicles

## Lands and Forestry

Provincial parks infrastructure	Buildings
Shubenacadie complex infrastructure renewal	Buildings
Land purchases	Land
Fleet renewal	Vehicles

## Office of Aboriginal Affairs

Land purchases	Land
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## Transportation and Infrastructure Renewal

<b>Highway 101:</b> Digby to Marshalltown (Multiple Year Project)	Major Construction
<b>Highway 101:</b> Three Mile Plains to Falmouth Twinning (Multiple Year Project)	Major Construction
<b>Highway 101:</b> Exit 10 West Bound, access improvements	Major Construction
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<b>Highway 103: Twinning:</b> Ingramport to Hubbards (Multiple Year Project)	Major Construction
<b>Highway 104 Twinning:</b> Sutherlands River to Antigonish (Multiple Year Project)	Major Construction
<b>Highway 104:</b> Exit 44 Lower River Inhabitants, access improvements	Major Construction
<b>Highway 107:</b> Exit 18 Mineville, access improvements	Major Construction
<b>Highway 107:</b> Sackville-Bedford-Burnside New Alignment (Multiple Year Project)	Major Construction
<b>Trunk 30:</b> Cabot Trail (Smoky) from 500 metres south of Path End Bridge northerly to Park entrance	Major Construction
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<b>Route 325:</b> from 600 metres west of Auburndale Road westerly to Monk Road	Asphalt
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<b>McInnis Glen Brook Bridge:</b> Route 236	Bridge Replacement/Rehabilitation
<b>Grantmyre Brook Culvert:</b> Beechmount Road	Bridge Replacement/Rehabilitation
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Courts barrier - free access improvements	Building
Halifax Provincial Court safety betterments	Building
Highland Village redevelopment	Building
Museum of Industry roof betterments	Building
Perkins House restoration	Building
South Shore mechanical branch garage	Building
Telecommunication Tower Replacment Program	Structures

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