



Capital Plan

2020-21

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Capital Plan
Finance and Treasury Board
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Capital Plan

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Capital Plan 2020–21

The 2020-21 Capital Plan will invest in schools, buildings, hospitals and highways 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 \$1,042.4 million.

Health and Wellness infrastructure spending in this year's Capital Plan contains an overall investment of \$154.4 million for Health Care Redevelopment projects in Nova Scotia. The plan also includes \$54.3 million for construction, repair and renewal of other hospitals and medical facilities, \$16.3 million to replace equipment, and \$3.4 million for ambulance replacement and \$7.5 million to improve inventory management of healthcare supplies.

Government will invest \$265.6 million to purchase, build and renovate schools. The design and construction of sixteen schools and the purchase of thirty schools is included in the Capital Plan.

Also included is an investment of \$10.5 million in information technology projects for four 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 \$385.3 million in 2020-21.

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 is 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 2020-21 budget.

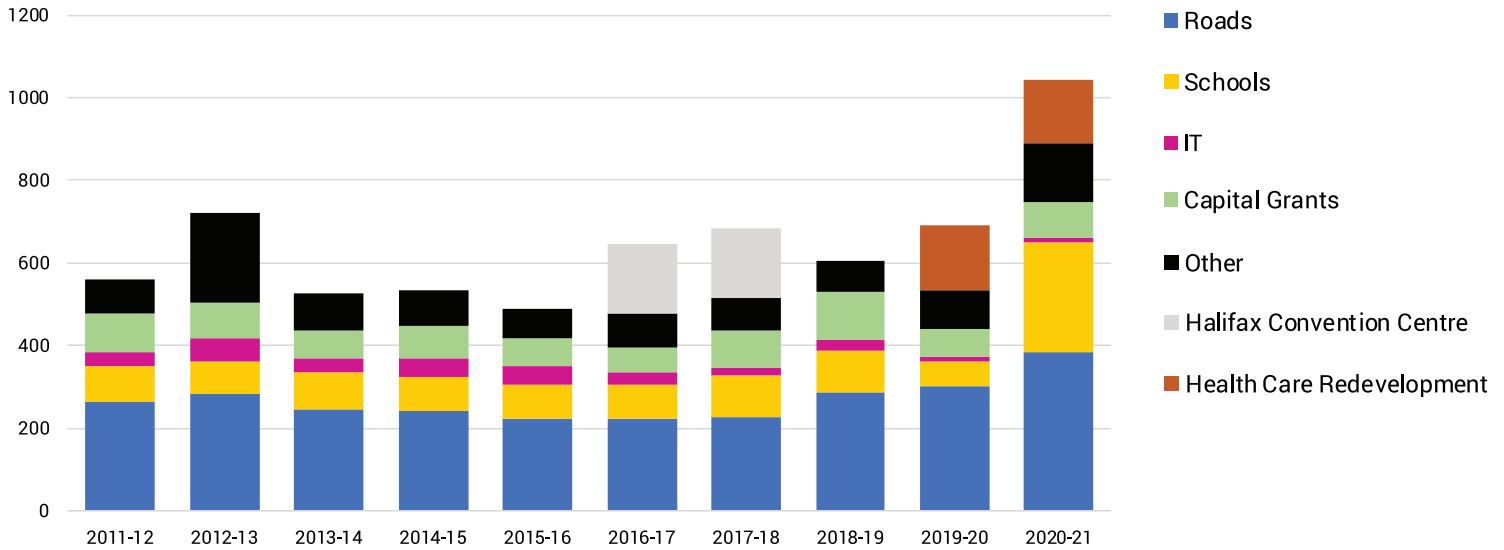
Development of the Capital Plan

Annually, projects are considered, reviewed and analyzed by government representatives. Treasury and Policy Board provide guidance and approval of the Capital Plan.

There has been a significant change in how healthcare redevelopment projects are presented in both the Capital and Fiscal Plans. The strategic shift in the delivery of healthcare redevelopment is the catalyst for the recording of the projects under the Department of Health and Wellness.

The decision to invest in a road, school, hospital 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)

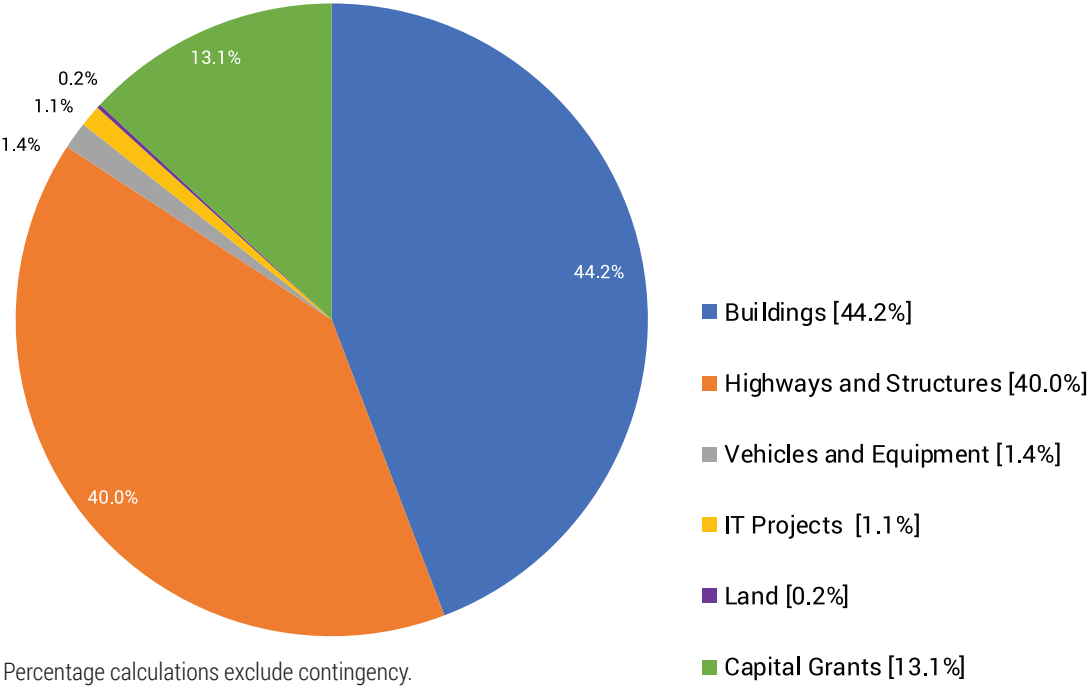


2016-17 indicates investment in Halifax Convention Centre subsequently deferred to 2017-18
 2017-18 indicates investment in Halifax Convention Centre

Capital Funding Summary

Highways and Structures	\$400.6 million
Buildings and Land	\$446.0 million
Information Technology	\$10.5 million
Vehicles and Equipment	\$13.8 million
Capital Grants	\$131.5 million
Contingency	\$40.0 million
Total	\$1,042.4 million

Percentage Of Capital By Project Type



Projects by Type

Highways and Structures

Major Construction Projects for 2020-21

- Highway 101: Three Mile Plains to Falmouth Twinning (Multiple Year Project)
- Highway 103: Passing Lanes between Exit 9 and 10, access improvements
- Highway 102: Aerotech Connector (Multiple Year Project)
- Highway 102: Lantz Interchange and Connector (Multiple Year Project)
- Highway 103: Upper Tantallon to Ingramport Twinning (Multiple Year Project)
- Highway 103 Twinning: Ingramport to Hubbards (Multiple Year Project)
- Highway 103: Bridgewater Interchange (Exits 12-13) (Multiple Year Project)
- Highway 104 Twinning: Sutherlands River to Antigonish (Multiple Year Project)
- Highway 105: Route 252 Waycobah, access improvements
- Highway 107: Sackville-Bedford-Burnside Connector (Multiple Year Project)
- Trunk 30: Cabot Trail (Smokey) from 500 metres south of Path End Bridge northerly
- Trunk 30: MacLellans Cross Road to Victoria/Inverness County Line (Multiple Year Project)

Construction/Improvement Projects 2020-21

Highway 104: Exit 13 on ramp extension

Highway 125: East Bound Lane from Meadowbrook Drive easterly

Highway 125: West Bound Lane from Frenchvale Road westerly

Route 333: Left Turning Lane - intersection with Terrance Bay Road and Sandstone

Trunk 4: (Kings Road) upgrading from Highway 125 to Weidner Drive (Multiple Year Project)

Trunk 10: Intersection improvements at Trunk 10 and MacCulloch Road

Bell Boulevard: from Highway 102 north bound off ramp to 200 metres east of Pratt and Whitney Drive

Pratt and Whitney Drive: from Aerotech Drive to Baldwin Drive

Janvrins Harbour Road: Erosion protection/slope failure repair

Asphalt Projects for 2020-21

Highway 101: West Bound Lane from Mount Uniacke Railroad Overpass easterly to Hants/Halifax County Line (Exit 3)

Highway 101: from KM marker 192.5 to Morden Road Overpass

Highway 102: North Bound Lane from County Line to Commo Road

Highway 103: from Exit 17 to Lunenburg/Queens County Line

Highway 111: North Bound Lane from Pleasant Street northerly to Lake Micmac

Route 221: from Stronach Mountain Road to Morden Road

Route 316: from Trunk 4 (Old Trans Canada Highway) southerly to 400 metres south of Antigonish Guysborough Road

Route 320: from Route 206 northerly to Highway 104

Route 332: (Section 1) from Trunk 3 to Bayport Wharf Road

Route 348: from 2.4 km west of Sunny Brae-Eden Road easterly

Route 368: from Fountain Road southerly

Route 374: from 9 km south of Halifax County Line southerly

Trunk 1: from Mount Uniacke Connector westerly to Uniacke Mines Road

Trunk 2: from Springhill Town Line southerly

Trunk 4: from Highway 104 at Auld's Cove westerly

Trunk 8: from Route 201 to Highway 101 Exit 22 ramps

Trunk 19: from 0.4 km north of Blackstone Road to Church Road intersection

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

Bridge Replacement/Rehabilitation Projects for 2020-21

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

Shubenacadie River - CNR (out): Highway 102 (Multiple Year Project)

MacKeens Bridge: Trunk 7 (Multiple Year Project)

Great Bras d'Or Crossing Bridge: (Seal Island) Highway 105 (Multiple Year Project)

Lower Debert River Bridge: Trunk 2

Springville Bridge: Springville Road

Eagar Bridge: Route 201

South Maitland (Gosse Bridge): Route 326

Tittle Bridge: Durell's Island Road

Bank Bridge: Upper River Road

Indian Path Bridge: Route 332

Pembrooke Bridge: Pembrooke Road

Note: Full list of projects, including local road asphalt and gravel roads, in the 2020-21 5 Year Highway Improvement Plan

Other Structures

Flood mitigation measures	Agriculture
Intraprovincial ferries	Transportation and Infrastructure Renewal
Telecommunication tower replacement program	Transportation and Infrastructure Renewal

Building and Land

School construction

Bedford High School	Education and Early Childhood Development
Bedford Ravines P-9 School	Education and Early Childhood Development
Breton Education Centre	Education and Early Childhood Development
Clare Regional Elementary School	Education and Early Childhood Development
Clayton Park P-9	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 Newbridge	Education and Early Childhood Development
Ecole Wedgeport	Education and Early Childhood Development
Glace Bay Elementary School	Education and Early Childhood Development
J. L. Illsley	Education and Early Childhood Development
Northside Middle School	Education and Early Childhood Development
Springhill Elementary School	Education and Early Childhood Development
St. Joseph's McKay Elementary	Education and Early Childhood Development

P3 school acquisitions

Amherst Regional High School	Education and Early Childhood Development
Aspotogan Consolidated Elementary	Education and Early Childhood Development
Bayview Community School	Education and Early Childhood Development
Bedford South School	Education and Early Childhood Development
Cape Breton Highlands Education Centre	Education and Early Childhood Development
Cape Smokey Elementary School	Education and Early Childhood Development
Champlain Elementary School	Education and Early Childhood Development
East Antigonish Education Centre	Education and Early Childhood Development
Eastern Passage Education Centre	Education and Early Childhood Development
Ecole Beaubassin	Education and Early Childhood Development
Ecole Bois Joli	Education and Early Childhood Development
Enfield District School	Education and Early Childhood Development
Forrest Ridge Academy	Education and Early Childhood Development
Greenfield Elementary School	Education and Early Childhood Development
Harbourside Elementary School	Education and Early Childhood Development
Jubilee Elementary School	Education and Early Childhood Development
Lockview High School	Education and Early Childhood Development
Madeline Symonds Middle School	Education and Early Childhood Development
North Highlands Elementary School	Education and Early Childhood Development
Park West School	Education and Early Childhood Development
Pictou Elementary School	Education and Early Childhood Development
Pine Ridge Middle School	Education and Early Childhood Development
Portland Estates Elementary School	Education and Early Childhood Development
Richmond Academy	Education and Early Childhood Development
Ridgecliff Middle School	Education and Early Childhood Development
Riverside Elementary School	Education and Early Childhood Development
Sackville Heights Elementary School	Education and Early Childhood Development
Sherwood Park Education Centre	Education and Early Childhood Development
St Margaret's Bay Elementary School	Education and Early Childhood Development
Tamarac Education Centre	Education and Early Childhood Development

School additions and alterations

Ecole acadienne de Pomquet	Education and Early Childhood Development
Hebville bus garage	Education and Early Childhood Development
School capital repairs	Education and Early Childhood Development
Skilled Trade centres	Education and Early Childhood Development

Building other

Cable Wharf	Business
Cunard development	Business
Tourism icon fund	Business
Cape Breton Regional Municipality healthcare redevelopment	Health and Wellness
Cape Breton Regional Hospital parking	Health and Wellness
Capital clinical renovations	Health and Wellness
Chemotherapy preparation lab	Health and Wellness
Dartmouth General Hospital dialysis unit	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
Glace Bay Hospital dialysis unit	Health and Wellness
Halifax Infirmary 3rd and 5th floor renovations	Health and Wellness
Halifax Infirmary dialysis unit	Health and Wellness
IWK emergency department design	Health and Wellness
Medical facilities repairs and renewals	Health and Wellness
North Cumberland Health Centre project (Pugwash)	Health and Wellness
Nova Scotia Hospital boiler replacement	Health and Wellness
Purdy Building services relocation and demolition	Health and Wellness
QEII new generation redevelopment	Health and Wellness
Soldiers Memorial Hospital Construction (Middleton)	Health and Wellness
South Shore Hospital ED and ICU expansion (Bridgewater)	Health and Wellness
Summer Street parkade	Health and Wellness
Valley Regional Hospital dialysis unit	Health and Wellness
Central Nova Correctional Facility renovations	Justice
Courts safety leasehold improvements	Justice
NSCC Marconi Campus	Labour and Advanced Education
Provincial parks infrastructure	Lands and Forestry
Shubenacadie complex infrastructure renewal	Lands and Forestry
Arts District	Transportation and Infrastructure Renewal
Courts barrier-free access improvements	Transportation and Infrastructure Renewal
Halifax Provincial Court safety betterments	Transportation and Infrastructure Renewal
Highland Village redevelopment	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

Land purchases	Lands and Forestry
Land purchases	Office of Aboriginal Affairs

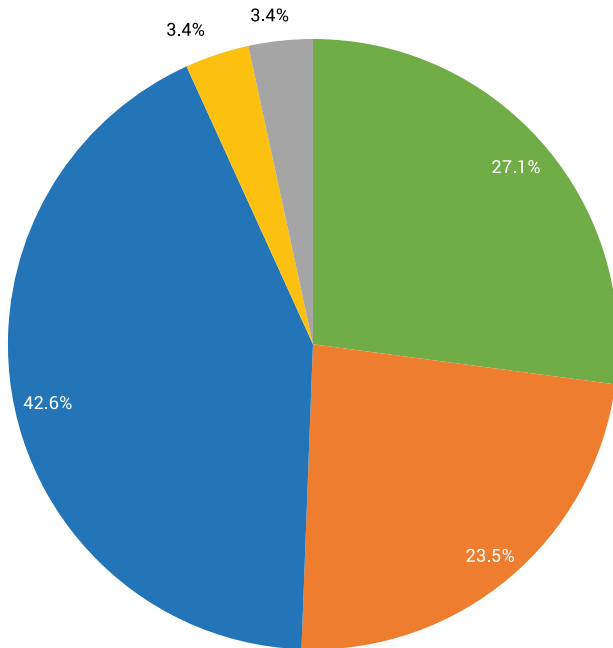
Information Technology

Online services IT system	Community Services
Inspection and aquaculture programs IT system	Environment
Inventory management of supplies	Health and Wellness
Municipal data management system	Municipal Affairs
Capital infrastructure betterments	Service Nova Scotia and Internal Services
Corporate IT applications	Service Nova Scotia and Internal Services
Health capital infrastructure	Service Nova Scotia and Internal Services
Health telecom system updates	Service Nova Scotia and Internal Services
Provincial NSHA/IWK staff scheduling system	Service Nova Scotia and Internal Services

Vehicles and Equipment

CSS Acadia	Communities, Culture and Heritage
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
Justice centres security systems upgrades	Justice
Fleet renewal	Justice
Fleet renewal	Lands and Forestry
EMO fleet renewal	Municipal Affairs
PSFC mobile communications support vehicles	Service Nova Scotia and Internal Services

Percentage Of Capital By Department



- Education and Early Childhood Development [27.1%]
- Health and Wellness [23.5%]
- Transportation and Infrastructure Renewal [42.6%]
- Labour and Advanced Education [3.4%]
- Departments with less than 1% [3.4%]

Percentage calculations exclude contingency.

Projects by Department

Agriculture

Flood mitigation measures

Structures

Business

Cable Wharf

Buildings

Cunard development

Buildings

Tourism icon fund

Buildings

Communities Culture and Heritage

CSS Acadia

Vehicles and Equipment

Community Services

Online services IT system

Information Technology

Education and Childhood Development

Bedford High School

School construction

Bedford Ravines P-9 School

School construction

Breton Education Centre

School construction

Clare Regional Elementary School	School construction
Clayton Park P-9	School construction
Eastern District P-12 School	School construction
Eastern Shore District High School	School construction
Ecole Halifax Peninsula	School construction
Ecole Newbridge	School construction
Ecole Wedgeport	School construction
Glace Bay Elementary School	School construction
J. L. Illsley	School construction
Northside Middle School	School construction
Springhill Elementary School	School construction
St. Joseph's McKay Elementary	School construction
Amherst Regional High School	P3 school acquisitions
Aspotogan Consolidated Elementary	P3 school acquisitions
Bayview Community School	P3 school acquisitions
Bedford South School	P3 school acquisitions
Cape Breton Highlands Education Centre	P3 school acquisitions
Cape Smokey Elementary School	P3 school acquisitions
Champlain Elementary School	P3 school acquisitions
East Antigonish Education Centre	P3 school acquisitions
Eastern Passage Education Centre	P3 school acquisitions
Ecole Beaubassin	P3 school acquisitions
Ecole Bois Joli	P3 school acquisitions
Enfield District School	P3 school acquisitions
Forrest Ridge Academy	P3 school acquisitions
Greenfield Elementary School	P3 school acquisitions
Harbourside Elementary School	P3 school acquisitions
Jubilee Elementary School	P3 school acquisitions
Lockview High School	P3 school acquisitions
Madeline Symonds Middle School	P3 school acquisitions
North Highlands Elementary School	P3 school acquisitions
Park West School	P3 school acquisitions
Pictou Elementary School	P3 school acquisitions
Pine Ridge Middle School	P3 school acquisitions
Portland Estates Elementary School	P3 school acquisitions
Richmond Academy	P3 school acquisitions

Ridgecliff Middle School	P3 school acquisitions
Riverside Elementary School	P3 school acquisitions
Sackville Heights Elementary School	P3 school acquisitions
Sherwood Park Education Centre	P3 school acquisitions
St Margaret's Bay Elementary School	P3 school acquisitions
Tamarac Education Centre	P3 school acquisitions
Ecole acadienne de Pomquet	School additions and alterations
Hebville bus garage	School additions and alterations
School capital repairs	School additions and alterations
Skilled Trade centres	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 Regional Municipality healthcare redevelopment	Buildings
Cape Breton Regional Hospital parking	Buildings
Capital clinical renovations	Buildings
Chemotherapy preparation lab	Buildings
Dartmouth General Hospital dialysis unit	Buildings
Dartmouth General Hospital expansion and renovation construction	Buildings
Dartmouth General Hospital parking	Buildings
Digby General Hospital dialysis unit construction	Buildings
Glace Bay Hospital dialysis unit	Buildings
Halifax Infirmary 3rd and 5th floor renovations	Buildings
Halifax Infirmary dialysis unit	Buildings
IWK emergency department design	Buildings
Medical facilities repairs and renewals	Buildings
North Cumberland Health Centre project (Pugwash)	Buildings
Nova Scotia Hospital boiler replacement	Buildings
Purdy Building services relocation and demolition	Buildings
QEII new generation redevelopment	Buildings
Soldiers Memorial Hospital construction (Middleton)	Buildings
South Shore Hospital ED and ICU expansion (Bridgewater)	Buildings

Summer Street parkade	Buildings
Valley Regional Hospital dialysis unit	Buildings
IWK MRI replacement	Equipment
Medical equipment	Equipment
Inventory management of supplies	IT
Ambulance fleet renewal	Vehicles

Justice

Central Nova Correctional Facility renovations	Buildings
Courts safety leasehold improvements	Buildings
Justice centres security systems upgrades	Equipment
Fleet renewal	Vehicles

Labour and Advanced Education

NSCC Marconi Campus	Buildings
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Lands and Forestry

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

Municipal Affairs

Municipal data management system	Information Technology
EMO fleet renewal	Vehicles

Office of Aboriginal Affairs

Land purchases	Land
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Service Nova Scotia and Internal Services

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

Transportation and Infrastructure Renewal

Highway 101: Three Mile Plains to Falmouth Twinning (Multiple Year Project)	Major Construction
Highway 103: Passing Lanes between Exit 9 and 10, access improvements	Major Construction
Highway 102: Aerotech Connector (Multiple Year Project)	Major Construction
Highway 102: Lantz Interchange and Connector (Multiple Year Project)	Major Construction
Highway 103: Upper Tantallon to Ingrauport Twinning (Multiple Year Project)	Major Construction
Highway 103 Twinning: Ingrauport to Hubbards (Multiple Year Project)	Major Construction
Highway 103: Bridgewater Interchange (Exits 12-13) (Multiple Year Project)	Major Construction
Highway 104 Twinning: Sutherlands River to Antigonish (Multiple Year Project)	Major Construction
Highway 105: Route 252 Waycobah, access improvements	Major Construction
Highway 107: Sackville-Bedford-Burnside Connector (Multiple Year Project)	Major Construction
Trunk 30: Cabot Trail (Smokey) from 500 metres south of Path End Bridge northerly	Major Construction
Trunk 30: MacLellans Cross Road to Victoria/Inverness County Line (Multiple Year Project)	Major Construction
Highway 104: Exit 13 on ramp extension	Construction/Improvement
Highway 125: East Bound Lane from Meadowbrook Drive easterly	Construction/Improvement
Highway 125: West Bound Lane from Frenchvale Road westerly	Construction/Improvement
Route 333: Left Turning Lane - intersection with Terrance Bay Road and Sandstone	Construction/Improvement
Trunk 4: (Kings Road) upgrading from Highway 125 to Weidner Drive (Multiple Year Project)	Construction/Improvement
Trunk 10: Intersection improvements at Trunk 10 and MacCulloch Road	Construction/Improvement
Bell Boulevard: from Highway 102 north bound off ramp to 200 metres east of Pratt and Whitney Drive	Construction/Improvement
Pratt and Whitney Drive: from Aerotech Drive to Baldwin Drive	Construction/Improvement
Janvrins Harbour Road: Erosion protection/slope failure repair	Asphalt
Highway 101: West Bound Lane from Mount Uniacke Railroad Overpass easterly to Hants/Halifax County Line (Exit 3)	Asphalt
Highway 101: from KM marker 192.5 to Morden Road Overpass	Asphalt
Highway 102: North Bound Lane from County Line to Commo Road	Asphalt
Highway 103: from Exit 17 to Lunenburg/Queens County Line	Asphalt

Highway 111: North Bound Lane from Pleasant Street northerly to Lake Micmac	Asphalt
Route 221: from Stronach Mountain Road to Morden Road	Asphalt
Route 316: from Trunk 4 (Old Trans Canada Highway) southerly to 400 metres south of Antigonish Guysborough Road	Asphalt
Route 320: from Route 206 northerly to Highway 104	Asphalt
Route 332: (Section 1) from Trunk 3 to Bayport Wharf Road	Asphalt
Route 348: from 2.4 km west of Sunny Brae-Eden Road easterly	Asphalt
Route 368: from Fountain Road southerly	Asphalt
Route 374: from 9 km south of Halifax County Line southerly	Asphalt
Trunk 1: from Mount Uniacke Connector westerly to Uniacke Mines Road	Asphalt
Trunk 2: from Springhill Town Line southerly	Asphalt
Trunk 4: from Highway 104 at Auld's Cove westerly	Asphalt
Trunk 8: from Route 201 to Highway 101 Exit 22 ramps	Asphalt
Trunk 19: from 0.4 km north of Blackstone Road to Church Road intersection	Asphalt
Trunk 33: Bedford Bypass West Bound Lane from exit for Dartmouth Road to Highway 101 at Overpass	Asphalt
Bennery Brook Bridge: Highway 102 North Bound and South Bound Lane (Multiple Year Project)	Bridge Replacement/Rehabilitation
Shubenacadie River - CNR (out): Highway 102 (Multiple Year Project)	Bridge Replacement/Rehabilitation
MacKeens Bridge: Trunk 7 (Multiple Year Project)	Bridge Replacement/Rehabilitation
Great Bras d'Or Crossing Bridge: (Seal Island) Highway 105 (Multiple Year Project)	Bridge Replacement/Rehabilitation
Lower Debert River Bridge: Trunk 2	Bridge Replacement/Rehabilitation
Springville Bridge: Springville Road	Bridge Replacement/Rehabilitation
Eagar Bridge: Route 201	Bridge Replacement/Rehabilitation
South Maitland (Gosse Bridge): Route 326	Bridge Replacement/Rehabilitation
Tittle Bridge: Durell's Island Road	Bridge Replacement/Rehabilitation
Bank Bridge: Upper River Road	Bridge Replacement/Rehabilitation
Indian Path Bridge: Route 332	Bridge Replacement/Rehabilitation
Pembrooke Bridge: Pembrooke Road	Bridge Replacement/Rehabilitation
Arts District	Building
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
Intraprovincial ferries	Structures
Telecommunication tower replacement program	Structures

Note: Full list of projects, including local road asphalt and gravel roads, in the 2020-21 5 Year Highway Improvement Plan

