



*Department of Transportation, Infrastructure and Energy*

# ANNUAL REPORT

2020-2021





The Honourable Antoinette Perry  
Lieutenant Governor of Prince Edward Island

May It Please Your Honour:

I respectfully submit herewith, for the information of Your Honour and the Legislature of Prince Edward Island, the Annual Report of the Department of Transportation, Infrastructure and Energy for the period April 1, 2020 to March 31, 2021.

Respectfully submitted,

A blue ink signature of Cory Deagle, written in a cursive style.

Cory Deagle  
Minister



The Honourable Cory Deagle  
Minister  
Department of Transportation and Infrastructure  
Province of Prince Edward Island

Sir:

I am pleased to submit to you the Annual Report of the Department of Transportation, Infrastructure and Energy for the period April 1, 2020 to March 31, 2021.

The activities of the respective divisions are recounted in the following pages of the Report.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Bob Creed".

Bob Creed  
Deputy Minister

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# DEPARTMENT OF TRANSPORTATION INFRASTRUCTURE AND ENERGY

## Mandate, Mission, and Vision

### **Mandate**

*Through the provision of essential transportation and infrastructure systems and services, the Department is committed to improving safety for citizens, contributing to the quality of life on PEI, and enabling the provincial economy.*

### **To accomplish this Mandate, the Department:**

- *Provides quality and timely advice to the Government of Prince Edward Island on all matters related to transportation and infrastructure services;*
- *Maintains the provincial highway network to the highest standard through construction and maintenance of the network in the safest, most cost effective, and environmentally responsible manner possible;*
- *Establishes partnerships with all levels of government and other jurisdictions to secure funding and develop agreements that synchronize with the Province's transportation, infrastructure and service priorities;*
- *Provides quality services to Government in the areas of building construction, Crown land management, building maintenance and accommodations; and,*
- *Pursues policies and strategic initiatives to sustain and enhance the Province's economic growth and development.*

### **Mission**

*Serve the public and government by providing professional services to develop, deliver, operate and maintain public infrastructure in a manner that emphasizes quality, safety, cost-effectiveness and environmental responsibility.*

### **Vision**

*Transportation, Infrastructure and Energy – Leading in the Delivery of Safe and Efficient Infrastructure and Services.*

# **Legislative Responsibilities**

## **2020-2021**

- *Architects Act*
- *Crown Building Corporation Act*
- *Dangerous Goods (Transportation) Act*
- *Energy Corporation Act*
- *Expropriation Act*
- *Highway Traffic Act*
- *Institute of Man and Resources Act*
- *Land Survey Act*
- *Land Surveyors Act*
- *Mineral Resources Act*
- *Off-Highway Vehicle Act*
- *Oil and Natural Gas Act*
- *Public Works Act*
- *Renewable Energy Act*
- *Roads Act*

# Personnel

2020-2021

## **MINISTER**

Administrative Assistant

## **Hon. James Aylward**

Bonnie MacDonald

## **DEPUTY MINISTER**

Administrative Assistant

## **Bob Creed**

Mary Ann MacKay

## **CORPORATE SERVICES**

Finance

Human Resources

## **Wendy MacDonald, Director**

Wendy MacDonald, CPA, CA

Janice Mooney, Human Resources Manager

## **ACCESS PEI**

Manager, Eastern PEI

Manager, Charlottetown

Manager, Summerside

Manager, Western PEI

## **Mark Arsenault, Director**

Lori Deveau-MacKinnon

Anne Marie Gallant - Acting

Leah Smallwood

Cheryl Phillips

## **HIGHWAY SAFETY**

Highway Safety Operations

Highway Safety Vehicle Registration

Deputy Registrar, Charlottetown

Deputy Registrar, Summerside

## **Graham Miner, Director**

Graham Miner

Doug MacEwen, Provincial Registrar

Donna Jameson

Michelle Poirier

## **PUBLIC WORKS AND PLANNING**

Building Design and Construction

Maintenance and Accommodations

## **Alan Maynard, Director**

Tyler Richardson

Holly Hinds

## **INFRASTRUCTURE, PLANNING AND PLANNING**

Provincial Manager

Policy and Planning

## **Paul Godfrey, Director**

Darlene Rhodenizer

Paul Godfrey

## **LAND AND ENVIRONMENT**

Provincial Chief Surveyor

Properties

## **Brian Thompson, Director**

Wayne Tremblay

Carol Craswell

## **CAPITAL PROJECTS**

Western Regional Engineer

Eastern Regional Engineer

Materials and Soils

Highway Design and Bridge Maintenance

## **Stephen Yeo, Director**

Mark Sherren

Stephen Pigott

Tim Cheverie

Darrell Evans

## **Personnel (continued)**

**2020-2021**

### **HIGHWAY MAINTENANCE**

Highway Maintenance, Western  
Highway Maintenance, Central  
Highway Maintenance, Eastern  
Mechanical Branch, Fleet Manager  
Mechanical Branch, Western  
Mechanical Branch, Central  
Mechanical Branch, Eastern  
Confederation Trail Maintenance

### **Stephen Szwarc, Director**

Mike Berrigan  
Brad Parsons  
Gerard Morrison  
Wilf MacDonald  
Clay Moase  
Bruce MacMillan  
Alan Munroe  
Wayne MacPhee

### **ENERGY AND MINERALS**

### **Kim Horrelt, Chief Executive Officer**

## **CORPORATE SERVICES DIVISION**

The Corporate Services Division is responsible for administrative and financial activities of the Department as well as performing centralized administrative and records management functions:

- Records Management
- Inventory Control
- Receptionist Services
- Support Staff

Corporate Services utilizes a shared services model with Civil Service departmental Finance Directors, Managers, Senior Finance and finance clerk positions being transferred to the Treasury Board Secretariat, and with Human Resource (HR) Managers, HR Officers, HR Assistants and payroll positions being transferred to the Public Service Commission. Corporate Services has been centralized. The Finance Director, HR Manager, and staff assigned to the Department continue to receive instruction from appropriate departmental personnel.

There are significant advantages to the centralization of Corporate Services:

- Increased consistency in service levels and coverage
- Greater opportunities to increase capacity, cross training and succession planning
- More capacity to respond to surges in demand
- More support from the central agency.

Finance and Human Resources personnel continue to play a very important role within the Department and are responsible for the following provisions:

- Leadership related to financial management, budget development, financial controls, day-to-day accounting operations, inventory control, and administration services.
- Personnel and payroll services, staffing, labour relations, organizational development, and training administration.

### **Finance**

Responsible to provide financial and administration services for the Department:

- Leadership in financial management
- Budget development, forecasts, and control
- Support documentation for budget presentation
- Accounts payable and receivable Inventory management
- General administration services

A detailed summary of Ordinary and Capital Expenditures for the year ending March 31, 2021 follows, at the end of this Report.

## Human Resources

Responsible for the provision of planning and administration related to the Department's classified and non-classified workforce, including:

- Personnel and payroll services
- Organizational planning and development
- Departmental training administration
- Permanent and seasonal staffing
- Position description and classification
- Collective Agreement interpretation and input
- Management planning and consultation
- Occupational Health and Safety
- Labour relations issues

Finance and Human Resources staff are located in Charlottetown, as well as in regional facilities in Tignish, Alma, Slemon Park, Georgetown and Bridgetown.

## HIGHWAY SAFETY DIVISION

The overall objective is to promote and enforce safe conditions for all highway users, issue driver licenses, provide registration for vehicles and drivers, and to support the Minister of Transportation, Infrastructure and Energy in the administration of the *Highway Traffic Act*, *Off-Highway Vehicle Act*, *Roads Act*, and the *Transportation of Dangerous Goods Act* and associated Regulations. The following Sections are tasked with the responsibility of carrying out the objectives of Highway Safety:

- Driver Records
- Driver Licensing and ID Security
- IRP (International Registration Plan)
- Safety-Fitness to Drive, Medical Standards for Drivers, Impaired Driving Countermeasures
- Registration and Licensing
- Legislation and Policy and Program Development
- Commercial Vehicle Enforcement

The Department has introduced several Legislative changes over the past year:

### Bill No. 52:

- **Restrictions on the Accompanying Driver** Specifies the restrictions on the accompanying driver, giving instructions to the holder of an instruction permit.
- **Increased Penalties for Suspended Drivers operating a motor vehicle** Created new offences under the HTA for suspended drivers that are equal to the same offences for individuals violating their probation terms under the Ignition Interlock Program.
- **Yield to Transit Bus** Creates new definitions and rules for how traffic interacts with Transit Buses.

- **Increase penalties for violations of the Ignition Interlock Program** Amends Section 261 and creates a new offence 271 of the HTA for suspended drivers.

#### **New Regulations:**

- **Off-Highway Vehicle Act Pilot Project Regulations** New Regulations authorizes the Minister to designate a portion of a highway or class of highway as a pilot area for off-highway vehicles operated by the PEI ATV Federation.

#### **Amendments to Regulations:**

- **Summary Proceedings Act Ticket Regulations** Joint submission submitted with Justice for consequential amendments to fines amounts approved under the Highway Traffic Act and Off-Highway Vehicle Act Pilot Project Regulations.
- **Highway Traffic Act Demerit Point System Regulations** Consequential amendments made for demerit points to be assigned to new offences under the Highway Traffic Act.

### **Driver Records Section**

The Driver Records Section maintains records on all drivers and carriers with convictions for motor vehicle related offences throughout Canada, and who are scheduled for counselling activity such as an interview or a re-examination. The Records Management System (RMS) is one of the key programs used by this Section and is designed to efficiently and effectively maintain driving records to meet the needs for managing drivers and carriers.

During the year, there were approximately 8,800 motor vehicle related convictions. The Driver Records Section maintains a close working relationship with all law enforcement agencies throughout the Province along with various other government departments, particularly the Office of the Attorney General. It deals mainly with the *Highway Traffic Act*, *Roads Act*, *Dangerous Goods Act* and the *Maintenance Enforcement Act*. Driver Abstracts (drivers' records) are provided through the Records Section. This service is available to insurance companies, law enforcement, the legal community, or to an individual.

The Records Section is responsible for the evaluation, preparation and processing of all Highway Traffic Act and driver related Criminal Code of Canada convictions. A summary of the major activities is shown in the tables below, with the 2019-2020 figures displayed for comparison purposes:

<b>Driver License Suspensions and Cancellations</b>	<b>2019-2020</b>	<b>2020-2021</b>
Section 253(1)(a) Criminal Code - (Impaired Driving)	40	28
Section 253(1)(b) Criminal Code - (Failing the Breathalyzer)	217	207
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	79	27
Total Alcohol Related Convictions	279	262
Administrative Driving Prohibitions	319	282
7 Day Suspensions 277.1 (3.2) <i>Highway Traffic Act</i>	54	68
30 Day Suspensions 277.1 (3.3) <i>Highway Traffic Act</i>	14	17
90 Day Suspensions 277.1 (3.5) <i>Highway Traffic Act</i>	1	2

<b>Driver License Suspensions and Cancellations</b>	<b>2019-2020</b>	<b>2020-2021</b>
Vehicle Impoundments	412	430
Demerit Point System (Point Accumulation)	346	342
Theft of a Motor Vehicle	11	3
Default in Payment of Fine(s)	3,346	178
Failure to Satisfy a Judgment (Accident with an uninsured	1	3
Number of Warning Letters Issued (Point Accumulation)	699	941
Number of Driving Record Interviews Issued (Point Accumulation)	107	3

<b>Driver required to undergo a re-examination for various reasons (Request from Law Enforcement, Medical Practitioner, etc.)</b>	<b>2019-2020</b>	<b>2020-2021</b>
Medical Referrals Issued	439	347
Medical Referrals Issued for Commercial Drivers	3,128	3462
Vision Referrals Issued	147	76
Driving Re-Examinations Conducted	811	523
Driving Record Interviews	77	34
Restricted Driver Licenses Issued	54	25
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	34,860	35,822
Abstract Fee (\$25.00)	\$871,500	\$895,529

### **Repeat Impaired Driving Offenders**

<b>Year</b>	<b>First (%)</b>	<b>Second (%)</b>	<b>Third or More (%)</b>	<b>Total Impaired Convictions</b>
2020	74.8	21.3	3.7	243
2019	66.3	18.68	15.02	273
2018	67.5	21.0	11.5	234
2017	67.7	17.0	15.3	229
2016	66.0	19.3	14.7	253
2015	67.0	17.6	15.4	239
2014	62.7	22.4	14.9	241
2013	56.9	17.8	25.3	297
2012	57.8	22.3	19.9	327
2011	60.3	19.6	20.1	373
2010	63.4	18.9	17.7	424
2009	59.7	18.1	22.2	392
2008	57.8	23.3	18.9	365
2007	64.5	19.0	16.5	411
2006	56.2	24.1	19.7	345
2005	63.8	19.1	17.1	304
2004	65.8	15.2	19.0	301
2003	63.6	21.2	15.2	348

Year	First (%)	Second (%)	Third or More (%)	Total Impaired Convictions
2002	56.1	23.9	20.0	394
2001	60.7	20.5	18.8	424
2000	59.1	22.8	18.1	430
1999	51.1	18.9	30.0	440
1998	45.9	21.0	33.1	455
1997	48.0	20.6	31.4	554
1996	45.8	21.8	32.4	513
1995	49.2	19.5	31.3	432
1994	46.3	20.6	33.1	438
1993	41.6	21.2	37.2	594
1992	47.0	18.0	35.0	557
1991	46.5	22.7	30.8	626
1990	45.8	21.8	32.4	654
1989	45.8	21.8	32.4	628

### **Transportation Statistics and Database Applications**

To inform decision-making on transportation issues, Highway Safety works closely with IT Shared Services to maintain the following computer applications which Highway Safety staff populate and generate statistical information:

#### **Carrier Management System (CMS)**

Monitor, regulate, and rate carriers of commercial vehicles. It covers all aspects of driver qualification, vehicle compliance and safety management of commercial vehicle.

#### **Collision and Accident Reporting System (CARS)**

The management of highway collisions through collection of data with the capability of ad hoc query and reporting.

#### **Driver Vehicle System (DVS)**

Provincial Driver Licensing and Vehicle Registration System, which generates revenue for the Province.

#### **Electronic Abstract System (CGI)**

Automated Insurance Abstract Management and Billing System for CGI that is processed via FTP.

#### **Enforcement Officer Reporting System (EORS)**

Records all daily activity, traffic stops and permits for portable and fixed scale operations.

#### **International Registration Plan (IRP) and IRP Clearing House**

Vehicle Registration Program that interprets business rules and calculates fees and taxes for Canadian and US jurisdictions.

**Inter-Provincial Records Exchange System (IRE)**

Exchange and sharing of Driver Licensing and Records along with Vehicle Registration Information between provinces and states.

**Motor Vehicle Inspection System (MVIS)**

Supports the management of the MVI program. Database stores individual MVI reports, station and mechanic information.

**Photo ID System**

Management of digital photos and signatures for driver's licenses, instruction permits and identification cards.

**Records Management System (RMS)**

Manages and maintains all records of PEI Drivers and convictions for motor vehicle related offences. The system generates all daily correspondence.

**Telephone Vehicle Registration System (TVRS)**

Interactive voice response system for passenger vehicle registration.

**Information Technology-Supported Computer Applications:**

Within the Department, the Information Technology Section supports computer applications:

**Regional Weather Information System (RWIS)**

Tracks and provides information on weather and road conditions on PEI.

**Construction Analysis and Tracking System Remote (CATS Remote)**

Management of load tickets for printing and monitoring. This system runs parallel to CATS during the construction season.

**Construction Analysis and Tracking System (CATS)**

Tracks all Government of PEI construction contracts from tender submissions through payout.

**Fleet Management System (FMS)**

Manages the corporate fleet of vehicles by monitoring all payments and expenses for all departments, plus manages parts inventory, labour and maintenance for government garages.

**Integrated Traffic Monitoring System (ITMS)**

Tracks vehicle traffic data for all PEI highways and generates ad hoc reports.

**Land Information Management System (LIMS)**

Tracks and monitors crown owned land history from current to past leaseholders along with use of land.

**Travel Claims System (TCS)**

Tracks travel claims by employees with the Department of Transportation, Infrastructure & Energy.

**Pavement Management System (PMS)**

Collects data on pavement conditions and road attributes.

**Highway Lab Information Management System (HLIMS)**

Collects data from an array of tests on materials and soils to ensure compliance with the department's specifications.

**The International Registration Plan (IRP)**

IRP is a registration reciprocity agreement among the Canadian and US jurisdictions providing for payment of license fees based on total distance operated in all jurisdictions. The fees are divided among the IRP jurisdictions through which the vehicles travel and allow movement on an inter-jurisdictional and intra-jurisdictional basis. Typically, vehicles over 11,794 kg (26,000 lb.) or buses that wish to travel in two or more jurisdictions must register under IRP. Registration is not mandatory but if carriers do not register, they will be required to register in their base jurisdiction and obtain temporary or single trip permits from member jurisdictions in which they intend to travel.

During the fiscal year April 1, 2020 to March 31, 2021 there were a total of 198 Prince Edward Island-based carriers registering a total of 917 vehicles in the Agreement.

**IRP Clearing House**

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconciliation of registration and tax fee information and funds through a central computer system among member jurisdictions. Presently 59 jurisdictions are members of the Clearinghouse.

**Canadian Agreement on Vehicle Registration (CAVR)**

CAVR is a Full and Free Reciprocity Agreement for Category B vehicles for interprovincial operations that may operate in all Canadian Provinces when legally registered in their home jurisdiction. They cannot be used for intra-provincial transportation, unless they meet conditions in Article V of the Agreement.

IRP services are provided through the Highway Safety Division office in Charlottetown. The distribution of revenue, for fiscal April 1, 2020 - March 31, 2021 is listed in the tables that follow.

**Distribution of Revenue Collected from PEI-based Carriers for Canadian Jurisdictions  
APRIL 1, 2020 - MARCH 31, 2021**

REG FEES		RST	HST	ADMIN FEES	AUDITS	ADD FEES	TOTAL FEES
PE	493,515.00	6,399.00	29,199.55	51,630.00	327.00	1,160.00	582,230.00
NB	605,039.68				1,419.00		606,458.45
NS	256,175.96				1,118.68		257,294.64
NL	9,090.67						9,090.67
QC	204,235.35						204,235.35

REG FEES		RST	HST	ADMIN FEES	AUDITS	ADD FEES	TOTAL FEES
ON	183,781.00						183,781.00
MB	3,800.00		4,784.85				8,584.85
SK	5,877.00		6,638.44				12,515.44
AB	5,418.00						5,418.00
BC	4,196.09		5,657.58				9,853.67
	<b>\$1,771,128.75</b>	<b>\$6,399.00</b>	<b>\$46,280.42</b>	<b>\$51,630.00</b>	<b>\$2,864.68</b>	<b>\$1,160.00</b>	<b>\$1,879,462.07</b>

\*NOTE: All fees are in Canadian Dollars.

**Distribution of Revenue Collected from PEI-based Carriers for U.S. Jurisdictions**  
**APRIL 1, 2020 – MARCH 31, 2021**

JURISDICTION	REGISTRATION FEES	SALES TAX FEES	ADD. FEES	TOTAL FEES US DOLLARS
Alabama	174.79			174.79
Arizona	1,589.79			1,589.79
Arkansas	1,387.98			1,387.98
California	3,809.01			3,809.01
Colorado	893.40	428.65	34.47	1,356.52
Connecticut	14,481.69			14,481.69
Delaware	1,294.77			1,294.77
Dist. of Columbia	3.59			3.59
Florida	3,908.19			3,908.19
Georgia	1,764.20	679.49		2,443.69
Idaho	3,522.21		25.82	3,548.03
Illinois	8,851.60			8,851.60
Indiana	3,876.58	1,373.07	0.32	5,249.97
Iowa	1,740.52			1,740.52
Kansas	195.49		46.29	241.78
Kentucky	1,292.24	300.53		1,592.77
Louisiana	51.70			51.70
Maine	42,642.52	49,165.06		91,807.58
Maryland	4,572.14			4,572.14
Massachusetts	22,760.81			22,760.81
Michigan	10,211.16			10,200.16
Minnesota	3,152.27			3,152.27
Mississippi	240.97		127.04	368.01
Missouri	1,829.66			1,829.66
Montana	2,940.70		1,492.09	4,432.79
Nebraska	1,151.32			1,151.32
Nevada	365.78	293.01		658.79
New Hampshire	2,458.12			2,458.12

JURISDICTION	REGISTRATION FEES	SALES TAX FEES	ADD. FEES	TOTAL FEES US DOLLARS
New Jersey	13,046.14			13,046.14
New Mexico	111.82			111.82
New York	20,721.66		5,138.57	25,860.23
North Carolina	6,534.98			6,534.98
North Dakota	1,369.46			1,369.46
Ohio	3,683.45			3,683.45
Oklahoma	523.92		62.01	585.93
Oregon	385.99			385.99
Pennsylvania	32,053.56			32,053.56
Rhode Island	528.20			528.20
South Carolina	2,055.32	3,908.42		5,963.74
South Dakota	1,372.91			1,372.91
Tennessee	1,870.85			1,870.85
Texas	1,568.19			1,568.19
Utah	640.55		533.94	1,174.49
Vermont	2,326.66			2,326.66
Virginia	9,969.87		673.91	10,643.78
Washington	4,503.67		724.96	5,228.63
West Virginia	1,127.19	917.05		2,044.24
Wisconsin	6,687.89			6,687.89
Wyoming	771.64		1,306.11	2,077.75
<b>TOTAL</b>	<b>\$253,017.12</b>	<b>\$57,065.28</b>	<b>\$10,165.53</b>	<b>\$320,236.93</b>

**Distribution of Revenue Collected by Canadian Jurisdictions for Prince Edward Island**  
**APRIL 1, 2020 – MARCH 31, 2021**

	REGISTRATION FEES	AUDITS	TOTAL FEES
NB	231,110.00	(43.00)	231,067.00
NS	133,974.00		133,974.00
NL/LB	8,564.80	(7.80)	8,557.00
QC	27,998.00	(20.69)	27,977.31
ON	15,165.00	5.76	15,170.76
MB	5,866.00		5,866.00
SK	41.00		41.00
AB	9,540.00	(30.69)	9,509.31
BC	239.00		239.00
<b>Total</b>	<b>\$432,497.80</b>	<b>(\$96.42)</b>	<b>\$432,401.38</b>

\*NOTE: All Fees are in Canadian Dollars.

**Distribution of Revenue Collected by U.S. Jurisdictions for Prince Edward Island**  
**APRIL 1, 2020 – MARCH 31, 2021**

<b>JURISDICTION</b>	<b>REGISTRATION FEES</b>	<b>AUDITS</b>	<b>SALES TAX FEES</b>	<b>TOTAL FEES US DOLLARS</b>
Alabama	485.40			485.40
Arizona				0
Arkansas	1.00			1.00
California	1,883.00			1,883.00
Colorado	9,878.35			9,878.35
Connecticut	6.00			6.00
Delaware				0
Dist. of Columbia				0
Florida	8,426.58			8,426.58
Georgia	399.00			399.00
Idaho	571.00			571.00
Illinois	1,591.80			1,591.80
Indiana	38.00			38.00
Iowa				0
Kansas	117.00			117.00
Kentucky	282.00			282.00
Louisiana	2,776.00			2,776.00
Maine	4,960.00			4,960.00
Maryland	10.00			10.00
Massachusetts	49.00			49.00
Michigan	86.00	4.00		90.00
Minnesota	16.00			16.00
Mississippi				0
Missouri	1,185.00			1,185.00
Montana	1.00			1.00
Nebraska				0
Nevada	4,436.00			4,436.00
New Hampshire	540.60			540.60
New Jersey	191.00	0.73		191.73
New Mexico				0
New York	1,284.00			1,284.00
North Carolina	109.21			109.21
North Dakota		0.36		0.36
Ohio	22.00			22.00
Oklahoma	0.80	(0.27)		0.53
Oregon				0
Pennsylvania	4,644.00	(3.00)		4,641.00
Rhode Island				0
South Carolina	79.00			79.00

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
South Dakota				0
Tennessee	43.05			43.05
Texas	8.00			8.00
Utah				0
Vermont	126.00			126.00
Virginia	571.00			571.00
Washington	79,358.00			79,358.00
West Virginia	10.00			10.00
Wisconsin	306.00			306.00
Wyoming	3,050.00			3,050.00
<b>TOTAL</b>	<b>\$127,540.79</b>	<b>\$1.82</b>	<b>\$0.00</b>	<b>\$127,543.71</b>

**RECAP OF REVENUE  
APRIL 1, 2020 – MARCH 31, 2021**

**Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers**

Revenue Retained by Prince Edward Island	\$ 582,230.55
Revenue Collected for Canadian Jurisdictions	\$ 1,297,232.07
 Total Canadian Revenue Collected from PEI Base Plated Carriers	 \$ 1,879,462.62
Total U. S. Revenue Collected from PEI Base Plated Carriers	\$ 320,247.93

**Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island**

Revenue Collected for PEI by Canadian Jurisdictions	\$ 432,401.38
Revenue Collected for PEI by US Jurisdictions	\$ 127,541.71

**DRIVER EDUCATION AND TESTING**

**Driver Education Licensing Certification Program**

Highway Safety encourages young drivers to become involved in a Driver Education Program in order to promote correct driving habits. Applicants enrolled in a Driver Education Program can obtain their Instruction Permit at 16 years of age; however, they must wait at least 275 days and be at least sixteen years of age before becoming eligible for a road test.

Nine Commercial Driver Education Schools operated in Prince Edward Island during the year. Each school offered twenty-five hours of in-classroom instruction and ten hours behind-the-wheel training and six hours of observation time as required by the Driving School Regulations.

## Driver Education School – Class 5 Driver License

Written Examinations		Road Tests	
2019-2020	282	2019-2020	342
2020-2021	313	2020-2021	191

### Driver Improvement Program

The primary function of driver improvement is to identify problem drivers through their driving record. Interviews and meetings are conducted to encourage drivers to change their driving habits and attitudes in order to reduce fatalities, injuries and property damage.

When a driver accumulates six or more demerit points, they are advised of the consequences which could result by the accumulation of additional demerit points. Nine or more demerit points requires the driver to attend a driver improvement interview, during which the driver is provided with an awareness of a driving problem and the process to a solution for the problem. Twelve or more demerit points results in the suspension for three months of the driver's license. All suspended drivers must attend a reinstatement interview and a Driver Improvement Course. Failure to attend this course could result in further suspension of the driver's license. During the year, a total of 25 drivers successfully completed the Driver Improvement Course.

### Driver Rehabilitation Program

All drivers who are convicted of a second or subsequent offence for impaired driving pursuant to Section 253(a) (impaired driving), 253(b) (failing the breathalyzer), or 254(c) (refusal of the breathalyzer) of the Criminal Code of Canada must complete a driver risk assessment which is conducted by Highway Safety. This assessment must be completed before a suspended driver can have her/his/their driver's license considered for reinstatement. Further referral to Addiction Services or to a Driver Rehabilitation Program could be required.

A Driver Rehabilitation Program is also conducted for a first-time offender convicted of impaired driving. This program is a requirement before a driver's license is reinstated. During the year, 4 drivers completed Driver Rehabilitation Program.

### Registration and Licensing

Highway Safety is responsible for the development and implementation of policy and procedures pertaining to vehicle registration and licensing of all vehicles under the *Highway Traffic Act* and Regulations. This includes ensuring uniform standards are followed which include , but not limited to:

- Assisting law enforcement to identify vehicles involved in crime
- Collisions or traffic violations
- Verifying insurance
- Verifying proof of ownership and other identifying information
- Identifying vehicles required to be branded as salvage, re-built and/or non-repairable
- Assisting in the safety recall of vehicles as required endure federal regulations
- Safety inspection standards

In collaboration with Highway Safety, Registration and Licensing Services are carried out through a Service Level Agreement with Access PEI which is responsible for the delivery of these services to the public.

### Vehicle Registration Breakdown

Registration Type	2019-2020	2020-2021
Cars	76,886	85,023
Trucks	26,549	29,890
Motorcycles	2,725	2,923
Buses	460	478
Trailer	18,061	18,765
Off-Road Vehicle	6,124	7,570
Miscellaneous - Other Vehicles	1,074	1,268
<b>Total</b>	<b>131,879</b>	<b>145,917</b>

### Total Number of Drivers per Class

Class	2019-2020	2020-2021
CLASS 1 - Tractor Trailers	4,425	4,541
CLASS 2 – Bus (more than 24 passengers including School Bus)	1,136	1,241
CLASS 3 - Trucks over 14,000 kg	3,963	4,023
CLASS 4 - Ambulance, Bus, Taxi (less than 24 passengers)	2,357	2,417
CLASS 5 - Car, Light Truck	98,595	101,601
CLASS 6 - Motorcycle	11,620	12,030
CLASS 7 - Beginner's Instruction Permit	3,591	4,110
<b>Total</b>	<b>125,687</b>	<b>129,963</b>

### Conservation License Plates

Conservation License Plates were made available to public for sale on September 20, 2013 for an annual fee of \$10 with all proceeds going to the Wildlife Conservation Fund, which helps to protect and enhance wildlife and habitat. In the first year, 12,276 Conservation plates were sold (Sept. 20/13-Sept.20/14).

### Annual sales recorded:

2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021	Totals
12,276	6,945	2,061	2,085	2,366	2,348	2,308	2,698	33,087

Conservation plates are available in French and in English, with five unique designs:

- Red Fox;
- Blue Jay;
- Brook Trout;
- Canada Goose; and,
- Lady Slipper.

In 2020-2021, the Red Fox design was the most popular conservation plate.

 <p>Prince Edward Island Conservation <b>ABC</b> Birthplace of Confederation</p> <p>Passenger Conservation with Fox</p>	 <p>Île-du-Prince-Édouard Conservation <b>ABC</b> Berceau de la Confédération</p> <p>Passenger Conservation with Fox</p>	1,241
 <p>Prince Edward Island Conservation <b>ABC</b> Birthplace of Confederation</p> <p>Passenger Conservation with Blue Jay</p>	 <p>Île-du-Prince-Édouard Conservation <b>ABC</b> Berceau de la Confédération</p> <p>Passenger Conservation with Blue Jay - French</p>	497
 <p>Prince Edward Island Conservation <b>ABC</b> Birthplace of Confederation</p> <p>Passenger Conservation with Trout</p>	 <p>Île-du-Prince-Édouard Conservation <b>ABC</b> Berceau de la Confédération</p> <p>Passenger Conservation with Trout - French</p>	377
 <p>Prince Edward Island Conservation <b>ABC</b> Birthplace of Confederation</p> <p>Passenger Conservation with Goose</p>	 <p>Île-du-Prince-Édouard Conservation <b>ABC</b> Berceau de la Confédération</p> <p>Passenger Conservation with Goose - French</p>	337
 <p>Prince Edward Island Conservation <b>ABC</b> Birthplace of Confederation</p> <p>Passenger Conservation with Lady Slipper</p>	 <p>Île-du-Prince-Édouard Conservation <b>ABC</b> Berceau de la Confédération</p> <p>Passenger Conservation Lady Slipper - French</p>	246
2,698		

## Safety Section

The Safety Section deals with issues relating to the driver and vehicle. In each of these categories, the measures designed to counter highway collisions were separated into education and enforcement techniques which are primarily directed to highway users, and by engineering developments directed to safety improvements of the vehicle.

Countermeasures were planned and conducted on the premise that the driver is ultimately responsible for motor vehicle operation on the highway. The countermeasure strategy is to increase the driver's knowledge of highway laws and safe-driving practices. These include utilizing the news media for promotional and information purposes, testing new drivers, having licensing control over newly-licensed drivers, and correction of unsafe practices among all drivers. The Safety Section plans and co-ordinates programs regarding the promotion of Highway Safety; Driver Improvement; Motor Vehicle Inspection; Highway Weight Enforcement; and, the National Safety Code.

The basic objective of driver testing is to establish and maintain acceptable standards for the issuance of driver licenses for all classes of vehicles in accordance with the provisions of the *Highway Traffic Act*, regulations, and department policies. A driver requires the necessary knowledge, skill, physical and mental ability to operate a motor vehicle in order to obtain a driver's license.

A Driver Examiner tests all drivers applying for an initial license at Highway Safety, as well as those applying for a higher class of license. Tests are passed by successfully completing a written examination of rules of the road, a vision screening, and a behind the wheel road test.

<b>Knowledge Tests 2019-2020</b>	<b>Knowledge Tests 2020-2021</b>	<b>Road Tests 2019-2020</b>	<b>Road Tests 2020-2021</b>
3,350	2,461	3,770	3,728

## Ignition Interlock Program

This program is available to offenders after a driving while impaired conviction and will allow for early reinstatement of a driver's license upon successful application. It is designed to encourage individuals to seek help quickly and address any alcohol-related problems. The Ignition Interlock Program is a mandatory requirement for reinstatement of a driver's license for all convictions of impaired driving. Eligible drivers are issued a restricted driver's license once the interlock device is installed on the vehicle which allows only the operation of that vehicle. The device prevents the vehicle being started if alcohol above a preset level is detected in the driver's breath samples. All activity is recorded and monitored by Highway Safety Division via a built-in data logger. Failure to comply with operational requirements will result in the removal of the interlock device and reinstatement of the suspension period.

## Ignition Interlock Installations

<b>Year</b>	<b>Total Driving While Intoxicated Convictions</b>	<b>Total Ignition Interlock Devices Installed</b>
2007	411	47
2008	365	61
2009	392	68

2010	424	73
2011	373	99
2012	327	94
2013	297	179
2014	241	139
2015	239	192
2016	249	210
2017	229	186
2018	250	191
2019	279	186
2020	243	181

### **Novice Driver Course**

The Novice Driver Course is compulsory unless a Driver Education Course has been successfully completed. All new drivers applying for a license must complete either of these courses prior to taking a road test. The Novice Driver Course is made available through Highway Safety. Courses can be taken in Charlottetown, Montague, Souris, Summerside and Elmsdale. During the year, a total of 932 students successfully completed the Novice Driver Course.

### **Defensive Driving Course/ Motorcycle Safety Course**

Courses on safe driving habits have been developed by the Canada Safety Council with the cooperation of provincial governments. In Prince Edward Island, this course is administered by the Island First Aid Services. Attendance at these courses is voluntary. Those who successfully complete the course receive a bonus of 3 points which can be used as a credit in the Demerit Point System. During the year, a total of 51 drivers successfully completed the Defensive Driver Course. Online Defensive Driving Course has been approved for demerit point credit and offered at Island First Aid Services and JVI.

### **Collision and Reporting System (CARS)**

During the year 2020, there were 1,319 collisions resulting in 346 injuries and 14 fatalities. The fatalities included six drivers of vehicles, two drivers of motorcycle, two passengers of vehicles, two pedestrians, one driver of a snowmobile, and one cyclist.

### **Traffic Safety Promotion**

Highway Safety provides information regarding traffic safety through news media, brochures, posters and pamphlets. Campaigns are conducted promoting rules of the road, bicycle safety, off-highway vehicle rules, vehicle safety, winter driving tips, registration and license renewal reminders and seat belt use. A continuous campaign is conducted to encourage drivers not to drink and drive. The SADD (Students Against Drunk Driving) program is also promoted and encouraged through Highway Safety. Six of the high schools across the province have a Chapter of SADD.

### **Motor Vehicle Inspection**

The Motor Vehicle Inspection Program monitors the operating condition of all motor vehicles in Prince Edward Island. Inspection stations and mechanics are required to meet specific criteria in order to be licensed by the Province through Highway Safety. The stations and mechanics are closely monitored by Motor Vehicle Inspection Officers.

### Salvage Vehicle Inspection Program

The Salvage Vehicle Inspection Program was implemented on May 1, 2013 by an amendment to the Motor Vehicle Inspection Regulations. The new program applies to all "salvage" branded cars and light trucks. These vehicles are now required to be submitted to an inspection conducted by a certified auto body repairer, employed at a certified auto body shop, ensuring that the vehicle has been repaired and reassembled to an acceptable industry standard before being submitted to the annual safety inspection. Motor Vehicle- Inspection Officers monitor the stations and technicians.

### Motor Vehicle Inspection Statistics:

Stations (#)	Mechanics (#)	Results of Inspections	Cars / Light Trucks	Trucks	Farm Trucks	Motorcycle / Light Trailer	Trailers with Brakes
281	626	Passed	113,781	4,570	1,650	4,641	3,289
		Rejected	2,282	196	34	31	156

Vehicle Type	Defective Brakes	Defective Tires/ Wheels	Defective Suspensions	Defective Steering	Defective Exhaust	Defective Body/ Frame	Windshield & Glazing
Light	10,017	4,581	5,751	3,458	2,078	2,244	1,157
Commercial	2,461	929	693	359	395	461	187

### Commercial Vehicle Enforcement

Commercial Vehicle Enforcement Officers (CVEO), in cooperation with police agencies, conduct roadside vehicle check stops throughout the year. Items checked include driver's license, vehicle registration, vehicle inspection, insurance coverage, use of seat belts, window tint and infractions under the Liquor Control Act. Following the onset of the Covid-19 pandemic in early 2020, the need for physical distancing limited interaction with the public and led to a considerable reduction in roadside carrier inspections. CVEOs were reassigned to assist with screening procedures for all out-of-province travelers arriving via the Confederation Bridge and Wood Islands.

### Inspection Facilities (Stationary Scales)

There is one weigh scale station in Prince Edward Island located at Borden-Carleton. It is open 24 hours a day throughout the year, and is staffed by five full-time officers, two full/part-time officers and one relief officer. Commercial Vehicle Enforcement Officers are responsible for enforcement of the *Roads Act* and *Vehicle Weight Regulations, Highway Traffic Act and Regulations, Transportation of Dangerous Goods Act and Regulations, Plant Health Act* and the *Animal Health Act*. Commercial Vehicle Enforcement Officers assist with the scanning and data entry of the Motor Vehicle Inspection System (contributing to the storage of 90,000 information forms yearly).

### Commercial Vehicle Enforcement Statistics:

#### Truck Movement

Activity	Location	Number
Canadian Trucks	Borden/Carleton Scales	324,630
U.S. Trucks	Borden/Carleton Scales	301

## Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	14,080
Hours of Work (Driver's Log)	Borden/Carleton Scales	228
Trip Inspections	Borden/Carleton Scales	228
Dangerous Goods Inspections	Borden/Carleton Scales	9

## Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales	
Potato disinfectant Slips Collected	Borden/Carleton Scales	
Vehicles Checked for Taxable Goods	Borden/Carleton Scales	
Forest Products	Borden/Carleton Scales	802
Vehicles Quarantined	Borden/Carleton Scales	
<i>Plant Health Act</i>	Borden/Carleton Scales	
<i>Apiary Act</i>	Borden/Carleton Scales	17
<i>Animal Health Act</i>	Borden/Carleton Scales	181
<i>Fisheries Product Act</i>	Borden/Carleton Scales	2,419

## Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales	90	900.00
Oversize	Borden/Carleton Scales	1,172	137,250.00
Overweight	Borden/Carleton Scales	232	28,220.00
Trip	Borden/Carleton Scales	424	93,410.00
Fuel	Borden/Carleton Scales	785	19,625.00
Work	Borden/Carleton Scales	89	28,900.00
Non-Compliance	Borden/Carleton Scales	377	75,400.00
Disinfection Fees	Borden/Carleton Scales		
Other Front-End Decals	Borden/Carleton Scales	4	80.00
<b>Total</b>		<b>3,173</b>	<b>\$383,785.00</b>

## Recorded Violations

Item	Location	Number	Revenue
<i>Roads Act</i>	Borden/Carleton Scales	20	5,064.00
<i>Highway Traffic Act</i>	Borden/Carleton Scales	32	6,800.00
<i>Dangerous Goods Act</i>	Borden/Carleton Scales		
<b>Total</b>		<b>52</b>	<b>\$11,864.00</b>

Enforcement Officers conduct Commercial Vehicle Safety Alliance (CVSA) roadside inspection of drivers and vehicles and loads carried. Vehicles inspected fall into three categories:

- Pass (CVSA sticker applied to vehicle);
- Out of Service (vehicle must be towed or repaired before it proceeds)
- Restricted (vehicle must be repaired before next dispatch).

Drivers inspected fall into two principle areas - Non-compliant and Compliant. These inspections would include entries such as hours of service (logbook), status of license, required endorsements.

#### **Commercial Vehicle Safety Alliance Statistics**

Item	2019-2020	2020-2021
Total Number of Trucks & Truck Trailers Inspected	270	259
Power Units Out of Service	26	37
Tractor Trailers Out of Service	16	3

#### **The Portable Scale Unit**

The portable scale unit consists of one vehicle and portable wheel-weigher scales. The unit is staffed by two permanent full-time officers. One additional unit was added in late 2015 consisting of two officers. Officers enforce the *Roads Act*, *Vehicle Weight Regulations*, *Highway Traffic Act*, *Transportation of Dangerous Goods Act*, *Fuel Tax*, *Plant Health Act* and *Animal Health Act*.

Portable Scales Statistics	
Charges	141
Revenue	\$39,038.00

#### **Carrier Management**

The National Safety Code Auditor completed ten educational visits to carrier locations throughout the province. As well, there were 13 Carrier Audits completed and three presentations to transportation groups on the new Hours of Service Regulations.

#### **Dealer Audits**

Highway Safety Officers completed audits of the Licensed Dealers in P.E.I. These audits are to ensure compliance with the regulations for holding a Dealer's Trade License.

## **PUBLIC WORKS AND PLANNING DIVISION**

The Division provides the staff and resources required to complete the design and construction of new capital building projects, renovation of existing buildings for Government departments, boards, and agencies, and the operation and maintenance of buildings owned or leased by the Department.

General activities and specific projects carried out by each section are summarized, below:

### **Building Design and Construction**

The Building Design and Construction Section is responsible for the design and preparation of tender documents required for the construction or renovation of various government and client buildings; as well as the supervision and inspection of construction work to ensure that contracts are completed in accordance with plans, specifications, and budget allocations. The design work is either performed by staff or private consultants, engaged for a specific project, and include the following areas:

- Evaluation of existing buildings
- Development of concept plans
- Preparation of cost estimates
- Preparation of working drawings and specifications required to obtain tenders, receipt of tenders and preparation of construction contracts
- Construction contract administration and quality control
- Preparation of request for proposals covering required consultant and construction management services and evaluation of these proposals

### **Schedule of Construction Tenders Received**

**April 1, 2020 - March 31, 2021**

#### West Royalty Elementary School - Mobile Classrooms Relocation - 14-May-20

WM&M (1993) Ltd.	\$ 70,500.00
MacLean Construction	\$ 131,300.00

#### Contaminated Soil Disposal, Former TIE Highways Depot (Acadian Drive) - 28-May-20

Island Coastal Services Ltd.	\$ 11,490.00
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#### Amherst Cove Consolidated School - Humidification Upgrade - 28-May-20

Ron's Plumbing & Heating Inc.	\$ 47,800.00
J&S Sheet Metal Ltd.	\$ 50,400.00
Bevan Bros. Plumbing & Heating	\$ 59,900.00
Entire Mechanical Contractors	\$ 62,647.00

#### Central Queen's Elementary School - Humidification Upgrade -28-May-20

Ron's Plumbing & Heating Inc.	\$ 37,800.00
J&S Sheet Metal Ltd.	\$ 45,400.00
Bevan Bros. Plumbing & Heating	\$ 47,900.00
Entire Mechanical Contractors	\$ 54,400.00

#### Hernewood Intermediate School - Partial Roof Replacement - 28-May-20

Ashe Roofing Ltd.	\$ 184,800.00
A-Tech Roofing Ltd.	\$ 197,300.00
Atlantic Roofers Ltd.	\$ 222,857.00
Brault Roofing Maritimes	\$ 223,335.00

Queen Elizabeth Elementary School – Gym Floor Replacement & Lighting - 28-May-20

Centaur Products (Atlantic) Inc.	\$ 100,225.00
WM&M (1993) Ltd.	\$ 126,400.00

Glen Stewart Primary School - Exterior Repairs (Partial Roof & Window Replacement) - 4-Jun-20

WM&M (1993) Ltd.	\$ 112,000.00
MacLean Construction	\$ 129,800.00
Paul Davis Restoration Inc.	\$ 134,500.00

Gulf Shore Consolidated School - Humidification Upgrades - 4-Jun-20

Ron's Plumbing & Heating Inc.	\$ 20,400.00
J&S Sheet Metal Ltd	\$ 20,700.00

Southern King's Consolidated School - Gym Floor Replacement & Lighting Upgrades - 4-Jun-20

Centaur Products (Atlantic) Inc.	\$ 107,239.00
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Westwood Primary School - Humidification Upgrades - 4-Jun-20

J&S Sheet Metal Ltd.	\$ 72,700.00
Ron's Plumbing & Heating Inc.	\$ 77,600.00
Bevan Bros. Plumbing & Heating	\$ 77,800.00

West Royalty Elementary School - Mobile Classrooms Connection - 16-Jun-20

MacLean Construction	\$ 226,900.00
WM&M (1993) Ltd.	\$ 230,600.00

Belfast Consolidated School - Boiler Replacement - 16-Jun-20

Maritime Pressure Works Limited	\$ 190,909.00
Bevan Bros. Limited	\$ 213,000.00
Precision Mechanical Inc.	\$ 231,000.00
Ainsworth Inc.	\$ 236,000.00
Entire Mechanical Contractors	\$ 239,600.00
Atlantica Mechanical Contractors Inc.	\$ 282,500.00
Ron's Plumbing & Heating Inc.	\$ 308,000.00
Watertight Plumbing and Heating	(non-compliant bid)

Cardigan Consolidated School - Boiler Replacement - 16-Jun-20

Maritime Pressure Works Limited	\$ 178,865.00
Bevan Bros. Limited	\$ 202,000.00
Precision Mechanical Inc.	\$ 204,000.00
Entire Mechanical Contractors	\$ 209,000.00
Ainsworth Inc.	\$ 224,000.00
Atlantica Mechanical Contractors Inc.	\$ 270,000.00
Ron's Plumbing & Heating Inc.	\$ 282,000.00
Watertight Plumbing and Heating	(non-compliant bid)

Site Demolition - Former TIE Depot Site (Acadian Drive) - 23-Jun-20

Birt & MacKay Construction	\$ 54,214.31
Island Coastal Services Ltd.	\$ 118,407.10
Landmark	\$ 145,921.00

Englewood School - Parking Lot Repairs - 30-Jun-20

Curran and Briggs Limited	\$ 139,756.00
M&M Resources Inc.	\$ 145,600.00
Island Coastal Services Ltd.	\$ 149,856.75
Landmark	\$ 219,621.00

M.E. Callaghan Intermediate School - Motor Control Centre Replacement - 30-Jun-20

Hansen Electric Ltd.	\$ 59,600.00
RIKS Electric	\$ 78,430.00

Morell Regional High School - Oil Tank Replacement - 2-Jul-20

Ron's Plumbing & Heating Inc.	\$ 45,400.00
GNL Environmental Inc.	\$ 46,750.00
Watertight Plumbing and Heating	\$ 50,200.00

Queen Charlotte Intermediate School - Exterior Repair - 9-Jul-20

WM&M (1993) Ltd.	\$ 135,200.00
Precision Wood and Steel Ltd.	\$ 191,800.00

Westwood Primary School - Selective Flooring Repairs - 9-Jul-20

WM&M (1993) Ltd.	\$ 22,800.00
Paul Davis Restoration Inc.	\$ 25,000.00
MacLean Construction	\$ 47,235.00

Morell Regional High School - Public Address System Upgrade - 16-Jul-20

Hansen Electric Ltd.	\$ 118,600.00
RIKS Electric	\$ 123,925.00

Provincial Artifactory - Partial Cooling Upgrade - 23-Jul-20

Lowther Refrigeration Ltd.	\$ 10,420.00
Entire Mechanical Contractors	\$ 11,725.00

Hernewood Intermediate School - Wheelchair Lift Replacement -30-Jul-20

Lawton's Home Health Care	\$ 39,870.00
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Ecole La-Belle-Cloche - Radon Extraction Fans -4-Aug-20 (INVITED TENDER)

Bevan Bros Limited	\$ 17,000.00
Entire Mechanical Contractors	\$ 21,948.00

Charlottetown Rural High School - Public Address System Upgrade - 11-Aug-20

Ainsworth Inc.	\$ 145,000.00
Hansen Electric Ltd.	\$ 199,000.00
RIKS Electric	\$ 203,379.75

Ecole-sur-Mer and Centre Belle-Alliance Renovation and Addition Phase 2a - 13-Aug-20

WM&M (1993) Ltd.	\$ 2,229,000.00
Fitzgerald and Snow (2010) Ltd.	\$ 2,288,000.00
MacLean Construction Ltd.	\$ 2,449,800.00
Strategic Construction	\$ 2,950,000.00

Birchwood Intermediate School - Boiler Piping Modifications - 18-Aug-20

Precision Mechanical Inc.	\$ 153,300.00
Entire Mechanical Contractors	\$ 193,716.00
Bevan Bros Limited	\$ 208,000.00
Maritime Pressure Works Limited	\$ 217,818.16

Former PE Home - Parking Lot and Walkway Upgrades - 18-Aug-20

Island Coastal Services Ltd.	\$ 428,472.69
Landmark	\$ 482,909.83

Summerside Intermediate School - Public Address System Upgrade - 27-Aug-20

R.I.K.S. Electric	\$ 144,850.00
Hansen Electric Ltd.	\$ 167,000.00

Summerset Manor - Partial Roof Replacement - 27-Aug-20

Paul Davis Restoration Inc.	(non-compliant bid)
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Summerset Manor - Partial Roof Replacement (INVITED) - 10-Sep-20

Paul Davis Restoration Inc	\$ 36,000.00
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Wedgewood Manor - Partial Roof Replacement - 10-Sep-20

Paul Davis Restoration Inc.	\$ 46,000.00
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Queen Elizabeth Hospital - Staff Parking Lot Upgrade - 10-Sep-20

M&M Resources Inc.	\$ 306,000.00
Island Coastal Services Ltd.	\$ 387,479.00
Chapman Bros Construction Ltd.	\$ 590,000.00

École François-Buote - Partial Roof Replacement - 15-Sep-20

Ashe Roofing Ltd.	\$ 92,400.00
Brault Roofing Maritimes (PEI)	\$ 139,927.00
Atlantic Roofers Ltd.	\$ 143,237.00

New Hillsborough Social Housing & Day Program Facilities – 30-Sep-20

MacLean Construction Ltd.	\$ 7,175,000.00
Fitzgerald and Snow (2010) Ltd.	\$ 7,678,000.00
Ryson Interior Construction Limited	\$ 8,958,000.00

Provincial Correctional Centre Addition Phase 1: Foundation & Site Work - 1-Oct-20

Fitzgerald and Snow (2010) Ltd.	\$ 1,399,000.00
MacLean Construction Ltd.	\$ 1,698,700.00
Pomerleau Inc.	\$ 1,894,874.00

Kinkora Regional High School - EMS Upgrade - 1-Oct-20

Memco Controls Ltee. /Ltd.	\$ 61,318.00
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Morell Regional High School - EMS Upgrade - 1-Oct-20

Controls & Equipment Ltd.	\$ 29,802.00
Memco Controls Ltee. Ltd.	\$ 62,770.00

Beach Grove Home - Partial Roof Replacement - 8-Oct-20

Paul Davis Restoration Inc.	\$ 52,500.00
MacPhee's Seamless Eaves Troughing	\$ 72,000.00

Beaconsfield Historic House - Parking Lot Upgrade - 16-Oct-20

M&M Resources Inc.	\$ 41,300.00
Island Coastal Services Ltd.	\$ 66,438.00

Queen Elizabeth Hospital – New Air Handling Unit #2 – 29-Oct-20

Entire Mechanical Contractors	\$ 622,000.00
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Queen's County Highway Depot - Electric School Bus Chargers - 26-Nov-20 (INVITED TENDER)

MacLean Construction Ltd.	\$ 179,900.00
WM&M (1993) Ltd.	\$ 183,500.00

Somerset Consolidated School - Humidification Upgrade - 4-Feb-21

J&S Sheet Metal Ltd.	\$ 57,400.00
Ron's Plumbing & Heating Inc.	\$ 67,000.00
Entire Mechanical Contractors	\$ 71,973.00
Precision Mechanical Inc.	\$ 78,400.00
Ainsworth Inc.	\$ 84,750.00

Bluefield High School - Dust Collector Replacement - 9-Feb-21

Entire Mechanical Contractors	\$ 177,200.00
J&S Sheet Metal Ltd.	\$ 185,700.00

Provincial Correctional Centre Addition - Phase 2 - 4-Mar-21

Fitzgerald and Snow (2010) Ltd.	\$13,646,000.00
Pomerleau Inc.	\$13,900,000.00
MacLean Construction Ltd.	\$14,229,000.00

West Royalty Elementary School Addition - 11-Mar-21

MacLean Construction Ltd.	\$ 4,549,000.00
WM&M (1993) Ltd.	\$ 4,568,000.00
Fitzgerald and Snow (2010) Ltd.	\$ 4,994,000.00
RCS Construction Inc.	\$ 5,185,000.00
Brook Construction (2007) Inc.	\$ 5,249,600.00

L.M. Montgomery Elementary School - Partial Roof Replacement - 18-Mar-21

Atlantic Roofers Ltd.	\$ 167,930.00
Ashe Roofing Ltd.	\$ 189,400.00
A-Tech Roofing Ltd.	\$ 248,900.00

Ellerslie Elementary School – Gym Floor Replacement - 23-Mar-21

Centaur Products (Atlantic) Inc. (Non-Compliant Bid)	\$ 90,855.00
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Ecole-sur-Mer and Centre Belle-Alliance Renovation and Addition Phase 2b - 25-Mar-21

WM&M (1993) Ltd.	\$ 4,084,000.00
RCS Construction Inc.	\$ 4,299,000.00

Ellerslie Elementary School – Gym Floor Replacement - 23-Mar-21 (INVITED TENDER)

Centaur Products (Atlantic) Inc.	\$ 90,885.00
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Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2020 but under construction between April 1, 2020 to March 31, 2021:

- Souris 10 Unit Seniors/Family Housing
- Westwood Primary School – Biomass Heat
- Ecole Francois Buote – Biomass Heat
- Glen Stewart Primary School – Biomass Heat
- PCH/Ambulatory Care/Women’s Wellness – Phase 4
- Prince Edward Home – Parking Lot and Walkway Upgrade (Phase 2)
- Coles Building Renovations – Legislative Assembly
- 32 Unit Apartment Complex Summerside – Phase 2
- 20 Unit Transitional Housing (Beach Grove)

**Building Maintenance and Accommodations**

The Building Maintenance and Accommodations Section is responsible for the provision of quality services for Government in the areas of building operations, maintenance, and accommodations; including the day to day operation and maintenance of Government buildings and systems. It is also responsible for the short- and long-term spatial requirements of Government departments and agencies within Government owned and/or leased facilities, Island-wide.

**Services:**

- Elevator maintenance contracts and service
- Snow removal contracts
- Grass cutting contracts
- Pest control contracts and service
- Garbage removal contracts
- Janitorial contracts
- Security contracts and service
- Fire alarm, emergency lighting, fire extinguisher service and inspections
- Boiler maintenance and inspections
- Water testing
- Generator contracts and service
- Building mechanical controls contracts and service
- Leasing of office space
- Accommodations requests
- Daily building maintenance
- Fire safety plans

**Projects:****Prince County**

- Green Park Ship Building Museum New Roof and Shingle Siding
- Various Locations – Electric Vehicle Car Charging Stations
- Access PEI Summerside – Boiler Replacement
- Access PEI Summerside – Interior Renovations / Hoteling Space
- Summerside Youth Center – RTU Replacement
- Slemon Park Drive – Interior Fit-up
- Parkway Drive, Slemon Park – Interior Fit-up
- Harbourside Medical Center – Flooring Replacement / Interior Painting
- Prince County Highway Depot – AHU Replacement

**Queen's County**

- Shaw Building – 5<sup>th</sup> Floor Renovations
- Shaw Building – Window Treatments
- Sullivan Building – Boiler Room Valve Replacement
- Cavendish Visitors' Information Centre – New Metal Roof
- Cavendish Visitors' Information Centre – Sanitary Piping Revisions
- Emergency Measures Office – Interior Renovations
- 500 Queen Street – Interior Renovations
- Government House – Interior Lighting Upgrades
- Government House – Annual Plantings
- Provincial Correctional Center – System 2 & 4 AHU Replacement
- Provincial Correctional Center – Video Court Installation
- Provincial Correctional Center – Main Entrance Replacement
- Provincial Correctional Center – Exterior Security Screen Replacement
- Four Neighborhood's Health Center – Interior Renovations

- J. Angus Maclean Building – Oil Tank Replacement
- Coles Building – New Appliances
- Various Locations – Electric Vehicle Car Charging Stations
- Various Locations – Interior Painting
- Various Locations – Furniture Upgrades

#### King's County

- MacPhail Homestead – Exterior Accessibility Upgrades
- 548 Main Street, Montague – Electric Vehicle Car Charging Station

### **Schedule of Construction Tenders Received April 1, 2020 - March 31, 2021**

#### Interior Office Painting- 5th Floor – RFQ- 26-May-20

Island Painting	\$ 4,500.00
Mallard Painting	\$ 7,615.00

#### Cavendish VIC- New Metal Roof – Public- 18-Jun-20

W M & M (1993) Ltd.	\$ 57,600.00
Atlantic Metaclad Limited	\$ 95,752.00
Paul Davis Restoration Inc.	(non-compliant bid)

#### Provincial Correctional Centre – Security Screen Replacement- Public- 25-Jun-20

No Bids

#### PAB Complex - Office Furniture - RFQ- 7-Jul-20

HMS Office Supplies Option A	\$ 8,635.00
Atlantic Business Interiors Option A	\$ 9,032.00
HMS Office Supplies Option B	\$ 7,085.00
Atlantic Business Interiors Option B	\$ 8,324.00
Office Interiors	\$ 9,457.00

#### Janitorial Services - 500 Queen Street 1st Floor- Invite-9-Jul-20

AJ Maintenance Ltd.	\$ 48,267.50
United Janitorial	\$ 51,646.50
GDI Limited	\$ 68,366.00
Eastern Building Cleaners	\$ 73,815.04

#### MacPhail's Homestead Handicap Parking Area and Pathway-RFQ- 13-Jul-20

R.V. Enterprise Lawn Care & Landscaping Ltd.	\$ 9,500.00
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#### Queen's County Highway Depot - Office Furnishings- Public – 21-Jul-20

Atlantic Business Interiors Option A	\$ 49,775.00
Atlantic Business Interiors Option B Alternative	(non-compliant bid)
HMS Office Solutions	(non-compliant bid)

Shaw Building Interior Renovation- Public-30-Jul-20

W M & M (1993) Ltd.	\$ 115,000.00
Paul Davis Restoration Inc.	\$ 137,000.00

Province House Annex - Replacing Existing Oil Tanks - RFQ – 19-Aug-20

GNL Environmental	\$ 5,310.00
Bevan Bros Ltd.	\$ 7,322.00
Entire Mechanical Contractors	\$ 7,500.00

Tender for Shelving- Queen's County Highway Depot, Brackley PE – Invite – Aug 20-20

Stor-It Systems option 2	\$ 34,208.15
Stor-It Systems option 1	\$ 37,281.97
Johnston Equipment	\$ 37,337.00
Stor-It Systems option 3	\$ 38,857.65
HD Supply	\$ 44,911.90
Atlantic Business Interiors	\$ 46,734.00
Office Interiors	\$ 74,714.90

Replace Roof Top Unit # 1 Government Garage Summerside – RFQ- 28-Aug-20

Poirier Heating & Cooling Inc	\$ 8,185.00
Controls & Equipment Ltd.	\$ 8,690.00
Carmichael Engineering Ltd.	\$ 9,750.00

Access PEI Summerside - Boiler Replacement- not awarded –Public – 10-Sep-20

Ron's Plumbing & Heating	\$ 450,000.00
Black & MacDonald	\$ 598,385.00

PEI Youth Centre-RTU Replacement – Public – 17-Sep-20

Entire Mechanical Contractors	\$ 167,300.00
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Queen's County Highway Depot - Additional Furniture- RFQ- 22-Sep-20

HMS Office Solutions	\$ 6,497.00
Atlantic Business Interiors	\$ 6,758.00

Provincial Correctional Center Main Entrance Upgrade- Public-01-Oct-20

Paul Davis Restoration Inc.	\$ 31,500.00
MacLean Construction Ltd.	\$ 80,000.00

Provincial Correctional Center System 2 + 4 AHU Replacement – Public- 01-Oct-20

Entire Mechanical Contractors	\$ 111,000.00
J&S Sheet Metal	\$ 114,700.00

QCHD Utility Carts and Cabinets-RFQ – 01-Oct-20

Stored Systems	\$ 4,198.62
HD Supply	(non-compliant bid)

5th Floor Jones- Painting Two Offices- RFQ-06-Oct-20

Island Painting	\$	540.00
Mallard Painting	\$	875.00
MPD Painter	\$	960.00

Shaw Building -Window Treatments-Public- 8-Oct-20

Nulook Blinds	\$	24,000.00
The Blind Spot	\$	24,438.68

Access PEI Summerside - Boiler Replacement – Public- 8-Oct-20

Entire Mechanical Contractors	\$	73,900.00
Ron's Plumbing & Heating	\$	92,000.00

Government Office Space Furnishings- Public – 27-Oct-20

Atlantic Business Interiors	\$	25,438.00
HMS Office Supplies "B"	\$	27,977.93
HMS Office Supplies "A"	\$	31,724.45
Office Express	\$	46,720.73
Office Express	\$	49,952.33

Office Furniture - 5th Jones Building- RFQ- 29-Oct-20

Atlantic Business Interiors	\$	3,935.00
HMS Office Supplies Ltd. "B"	\$	4,291.70
HMS Office Supplies Ltd. "A"	\$	4,823.70

Coles Building- Appliances- RFQ- 30-Oct-20

Microwave:

M&M Furniture	\$	2,796.00
Hambley's Stainless	\$	4,796.00
Hambley's Black	\$	5,116.00
MacArthur's Appliance	\$	5,200.00
East Coast Furnishing		(non-compliant bid)
Birt's Furniture		(non-compliant bid)

Cooktop:

Hambley's	\$	2,796.00
MacArthur's Appliance	\$	3,000.00
East Coast Furnishing	\$	3,399.96
M&M Furniture	\$	3,400.00

Refrigerator:

East Coast Furnishing	\$	2,999.96
MacArthur's Appliance	\$	3,000.00
M&M Furniture	\$	3,080.00
Hambley's	\$	3,356.00
Birt's Furniture	\$	3,999.96

Dishwasher:

East Coast Furnishing	\$	2,300.00
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Birt's Furniture	\$ 2,399.96
M & M Furniture	\$ 5,200.00
Hambley's	(non-compliant bid)
MacArthur's Appliance	(non-compliant bid)
<u>Government Office Furnishings - Shaw Building –RFQ- 3-Nov-20</u>	
Atlantic Business Interiors Option B	\$ 6,326.00
Atlantic Business Interiors Option A	\$ 8,789.00
<u>25 Garden Drive, ITSS Generator Replacement – Public - 24-Nov-20</u>	
Hansen Electric	\$ 48,000.00
AJ Repairs	\$ 62,500.00
Ainsworth Inc	\$ 70,300.00
R.I.K.S. Electric	\$ 80,599.48
<u>Office Furniture - 4th Sullivan Building – RFQ - 24-Nov-20</u>	
Atlantic Business Interiors	\$ 4,750.00
HMS Office Supplies	\$ 5,084.20
<u>Government House 2021 Planting Lists –RFQ-17-Dec-20</u>	
Jewell's Country Market	\$ 2,861.28
Island Pride Garden Company	\$ 3,166.79
York Greenhouses	\$ 4,046.49
<u>Harbourside Medical Centre - 2nd Floor Carpet Replacement-RFQ-7-Jan-21</u>	
Town 'N Country Carpet One	\$ 11,550.00
Tops to Floors	\$ 22,871.00
<u>Government Office Furnishing - Building 143 Slemon Park - Public-18-Feb-21</u>	
Atlantic Business Interiors (Option B)	\$ 47,505.00
HMS Office Supplies	\$ 57,344.00
Atlantic Business Interiors (Option A)	\$ 74,216.00
<u>Office Furnishing - Hoteling Suite- Access Summerside - Public- 25-Feb-21</u>	
Ergoworks	\$ 25,140.50
HMS Office Supplies	\$ 31,094.70
<u>Provincial Correctional Center - New Dryer –RFQ-25-Feb-21</u>	
Chandler Motor Repair A	\$ 7,250.00
Chandler Motor Repair B	\$ 7,700.00
Ferguson Sales Inc.	\$ 8,900.00
<u>Flooring &amp; Base - Hoteling Suite Access Summerside-RFQ-2-Mar-21</u>	
Paul Davis Restoration Inc.	\$ 5,000.00
Palmer Enterprises Ltd.	\$ 5,340.00

General - Hoteling Suite Access Summerside-RFQ-2-Mar-21

Paul Davis Restoration Inc.	\$	10,500.00
Palmer Enterprises Ltd.	\$	15,700.00

Electrical - Hoteling Suite Access Summerside-RFQ-2 Mar-21

Platts Electric	\$	7,458.00
Buchanan Electric	\$	8,525.00

Painting - Hoteling Suite Access Summerside-RFQ-5-Mar-21

Palmer Enterprises Ltd.	\$	1,400.00
Paul Davis Restoration Inc.	\$	3,450.00

Roof Replacement - MacPhail Woods Nature Center- Public- 11-Mar-21

B Clinton Construction Ltd.	\$	27,304.00
GC Construction Inc.		(non-compliant bid)

Exterior Painting - Yeo House /Shipbuilding Museum-Public-11-Mar-21

Top Notch Painting	\$	18,800.00
Mallard Painting	\$	26,500.00

Roof Replacement - Basin Head Fisheries-Public-11-Mar-21

B Clinton Construction Ltd.	\$	99,136.00
J P Cheverie Construction Inc.	\$	147,910.40
GC Construction Inc.		(non-compliant bid)

Flooring Replacement - J. Angus MacLean Building - Public- 11-Mar-21

Loyalist Marble & Tile Ltd.	\$	24,580.00
M&M Furniture Carpet 1		(non-compliant bid)
Flooring Canada Charlottetown		(non-compliant bid)

Exterior Painting - Tyne Valley Youth Centre- Public-11-Mar-21

Top Notch Painting	\$	4,800.00
Mallard Painting	\$	9,000.00

Exterior Painting - Mona Wilson Building-Public-11-Mar-21

Mallard Painting	\$	19,750.00
Island Painting & Drywall	\$	21,900.00

Exterior Painting - Acadian Museum-Public-11-Mar-21

Mallard Painting	\$	12,500.00
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Exterior Painting-Access PE Alberton-Public-11-Mar-21

Top Notch Painting	\$	13,500.00
Mallard Painting	\$	18,880.00

New Window Treatments - 117 East Royalty Rd Georgetown Access PE- RFQ 12-Mar-21

The Blind Spot \$ 2,599.65

Roof Replacement - Sullivan Building-Public-18-Mar-21

Atlantic Roofers \$ 452,407.00

**Biomass Heat**

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat, as primary source, for 40 Government facilities:

- |                                      |                                      |
|--------------------------------------|--------------------------------------|
| - Athena School                      | - Souris Hospital                    |
| - Beach Grove Home                   | - Souris K to 12 School              |
| - Bluefield High School              | - Stonepark Intermediate School      |
| - Callaghan Intermediate School      | - Souris Hospital                    |
| - Community Hospital O'Leary         | - Souris K to 12 School              |
| - East Wiltshire Intermediate School | - Stratford Elementary School        |
| - Ecole sur Mer School               | - Summerset Manor                    |
| - Ecole Francois-Buote School        | - Summerside Intermediate School     |
| - Eliot River School                 | - Summerside Seniors' Buildings "F," |
| - Elm Street School                  | "D&E," "G&H," "J&L"                  |
| - Glen Stewart School                | - Three Oaks High School             |
| - Hernewood Intermediate School      | - Three Oaks CETC                    |
| - Kensington High School             | - Tignish School                     |
| - Maplewood Manor                    | - Tignish Sign Shop                  |
| - Miscouche School                   | - Tignish Seniors' Building "A"      |
| - Morell High School                 | - Tignish Seniors' Building "B"      |
| - PE Home                            | - Wedgewood Manor                    |
| - Prince County Hospital             | - Western Hospital                   |
| - Provincial Correctional Center     | - Westwood School                    |
| - Queen Elizabeth School             | - West Royalty School                |

Biomass heat plants for an additional six facilities will be developed during the next fiscal year. Provision of biomass heat at these facilities, in lieu of fuel oil, will reduce greenhouse gas emissions and provide economic stimulus related to biomass fuel production, construction and system operation.

## **LAND AND ENVIRONMENT DIVISION**

The Land and Environment Division is comprised of three sections including Environmental Management, Properties and the Office of the Provincial Chief Surveyor. The Division provides the staff and resources required for the following areas:

- Environmental management and regulatory compliance services for the Department and for others conducting activities within the Provincial Right-of-Way
- Core land management and administration for all government lands and holdings, and real estate services on behalf of all Government departments

- Land and engineering surveying services for the Department and other government agencies
- Expertise on boundary law and the law on public roads to maintain the Provincial cadastral infrastructure

General activities and specific projects carried out by each section are summarized, below:

### **Environmental Management Section**

The Department's Environmental Management Section (EMS) is responsible to ensure environmental management and regulatory compliance during construction and maintenance work performed by the Department, or by others, within the Provincial Right-of-Way (ROW). The Section implements an Environmental Management System that includes the following key elements: departmental project approval process; environmental protection planning; project inspections and compliance monitoring; environmental education and training; environmental design and planning; policy/program development; environmental assessments and studies; and, public consultation and public partnering projects.

Activities Highlights of the Environmental Management Section are provided below:

### **Project Registration and Approval Process**

The Department's approval process remains the cornerstone for environmental control on a project-by-project basis. This process requires that each maintenance or construction project, or any work activity by others within the Provincial ROW, be registered with the Environmental Management Section (EMS) through submission of a project application form and/or with a site meeting. Subsequently, the proposed projects are reviewed and assessed for potential environmental effects, and an approval-to-proceed is issued, complete with project specific conditions-of-approval. All field staff working within the Environmental Management Section are designated as Environmental Protection Officers under the PEI Environmental Protection Act. All approvals issued by the EMS are issued under authority of the self-permitting agreement that has been developed between the Department of Transportation, Infrastructure and Energy (TIE) and the Department of Environment, Energy, and Climate Action (EECA).

### **Project Approvals**

The Environmental Management Section processed 313 environmental assessments/project approvals during 2020-2021, including 169 field approvals. A summary of the 313 approvals issued during the year is provided in the table below. They are categorized by county and approval-type. Typically, each approval involves a pre-construction project site inspection, identification of job-specific conditions-of-approval, issuance of the Approval-to-Proceed Assessment, and follow-up Environmental Compliance Inspections on each project.

### **2020-2021 Environmental Management Section Project Approvals**

<b>County</b>	<b>Blanket Approval</b>	<b>EMS Approval (only)</b>	<b>EMS Field Approval</b>	<b>EMS Approval &amp; EECA Permit</b>	<b>Total</b>
Prince	7	32	28	11	78
Queens	7	53	71	14	145
Kings	7	6	70	7	90
<b>Total</b>	<b>21</b>	<b>91</b>	<b>169</b>	<b>32</b>	<b>313</b>

The type of approval issued is based on assessment of the environmental risk associated with the project, the time of year, and the method in which the project will be completed. The EMS issues four types of project approvals:

- Blanket Approval
- Field Approval
- Approval-to-Proceed
- Approval-to-Proceed with accompanying Watercourse, Wetland or Buffer Zone Activity Permit issued by EECA

### Blanket Approvals

Across the Province, the Department conducts several activities that are repetitive in nature with low potential for causing adverse environmental effects. To simplify the approval process for these types of activities, the activities have been grouped by activity-type and each activity-type has been assigned a blanket approval with standardized conditions-of-approval.

Generally, a blanket approval provides authorization for multiple projects of the same activity-type to be completed under a district by county-based approval. EMS now issues blanket approvals to the Department's Highway Maintenance Division (HMD), Bridge Maintenance Section, Capital Projects Division, Confederation Trail Program, as well as Canada Post and Maritime Electric. The issuing of these approvals streamlines the project registration and approval process, while at the same time, maintaining established standards of environmental protection.

A summary of projects completed in each county during 2020-2021 for the various blanket approval types is provided in the following table:

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings, Gravel and/or Asphalt Placement	29	19	22	70
Shore Access		3	5	8
Painting				
Maintenance of Environmental Controls	10	13	3	26
Guardrail Reinstatement (with shoulder work)		4	2	6
Confederation Trail Surface and Slope Repairs	4	8	6	18
Confederation Trail Vegetation Management	3	7	3	13
Ditching (Smooth Bucket or Grading)	20	19	7	46
Brush Cutting	145	120	156	421
Timber Pile Bridge Minor Repair	1	3	8	12
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)	13	11	15	39
Surface Water Cross Culvert Replacement	20	9	12	41
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	6	12	18	36
Maintenance of Provincial Tap Drains	5	2		7

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Repair/Replace Timber Floors	1	1		2
Shoulder Grading/Planning & Material Placement	37	19	27	83
Debris Removal from Structures		2		2
Asphalt Overlay	37	29	26	92
<b>Total Blanket Approval Projects</b>	<b>331</b>	<b>281</b>	<b>310</b>	<b>922</b>

### Field Approvals

The field approval enables a project proponent to receive an approval-to-proceed from the EMS Environmental Officer at the initial site meeting, with no additional paperwork or submission requirements. Most projects that receive a field approval have a greater potential for causing environmental impacts than those projects that would receive an EMS Approval-to-Proceed. In the Fiscal Year 2020-2021, 169 field approvals were issued.

### EMS Approval-to-Proceed

The EMS Approval-to-Proceed permit allows our Environmental Management Section to issue approvals for projects that present a higher degree of environmental risk. Each proposed project is subject to an application process which provides a departmental Environmental Officer with an opportunity to review the project, workplan, timeframe, assess the potential impacts, and develop a set of conditions to be followed. In 2020-2021, 91 EMS Approval-to-Proceed permits were issued.

### EMS Approval-to-Proceed with accompanying EECA Watercourse, Wetland or Buffer Zone Activity Permits

Projects which are approved under the EMS Approval-to-Proceed with EECA Watercourse, Wetland or Buffer Zone Activity permits are subject to review by EMS, the Provincial Department of Environment, Energy, and Climate Action and, in some circumstances, Fisheries and Oceans Canada. These types of projects include activities which are considered to be of significant risk to the environment. Similar to the EMS Approval-to-Proceed permit, projects approved under this type of permit are subject to an application process, which involves a review of the project, workplan, timeframe, and an assessment of the potential environmental impacts. Upon completion of the review, an approval with specific conditions is issued; considerations of time of year and work method are major factors in the granting of these approvals. In 2020-2021, 32 EMS Approval-to-Proceed with DEECA Watercourse, Wetland or Buffer Zone Activity permits were issued.

### Environmental Audit Results

Annually, at the end of the construction season, an environmental audit is undertaken. The audit provides an opportunity to discuss work methods, environmental controls, and new and different methods of conducting work. In 2020-2021, 27 projects were audited by the Environmental Management Section. Of the 26 projects, 22 met the requirements of the permit, two met most of the requirements of the permit, and two did not meet the requirements of the permit (with follow-up inspections to ensure all requirements were met). The Department of Environment, Energy and Climate Action, along with the Department of Fisheries and Oceans, conduct their own environmental audit of TIE projects.

### **Miscellaneous Initiatives and Services**

The EMS is involved with completing or coordinating a variety of additional environmental initiatives/services. Some of the more notable are described below:

#### **Training Delivered**

In 2020-2021, EMS staff coordinated environmental management round-table discussion sessions with several TIE Divisions. The topics of these sessions included TIE environmental policies and procedures, changes to the Environmental Protection Act, as well as the installation of proper environmental controls and activities such as in-stream culvert work, ditching, etc.

#### **Policy and Program Development**

The EMS develops and/or administers various departmental policies and programs to assist in providing structured implementation of departmental objectives and activities. The policies ensure that a consistent and clear approach to specified activities is understood and followed by the Department, as well as external agencies or persons such as engineering consultants, contractors or municipalities performing these same activities within the Provincial ROW.

<b>Programs</b>	<b>Policies</b>
Joint Beaver Management Program with EECA	Adopt A Highway Program
Duty to Consult Operation protocol	Fuel Spill Response Procedures
Highway Related Beaver Management	Wetland Conservation Policy
Environmental Audit Program	Culvert Sizing Policy
Fish Passage Restoration Program	Approval to Proceed Renewal
Environment Fund Program	Modification/Extension Policy
Agricultural Siltation into ROW	Frequency/Documentation for Inspections

#### **Designated Scenic Heritage Roads**

The EMS implements a Management Strategy for Designated Scenic Heritage Roads (DSHR). The strategy recognizes that the historical and aesthetic value of the DSHR are best protected through limited disturbance and change, and provides a practical guide for implementation of cost-effective protection methods to maintain the heritage of these unique roads and their surrounding sensitive environments, including watercourses. Designation and administration responsibilities for scenic heritage roads are outlined in the Roads Act. The EMS ensures best management and minimal disturbance of the DSHRs through reviewing and approving work undertaken on these roads in consultation with a provincial wildlife biologist. By county, the DSHRs are: Prince County - Walls Road, Hackney Road; Queen's County - Millman Road, Old Princeton Road, Warburton Road, Perry Road, Jack's Road, Junction Road and Klondyke Road; King's County - Mellish Pond Road and County Line Road.

#### **Agriculture-Related Work**

In an effort to control the potential effects of agriculture-based projects on the Provincial ROW, the EMS established a protocol with the Provincial Agriculture Department that requires their identification of proposed projects through submission of Project Registration Applications to the EMS. The EMS then coordinates onsite project assessments with Agriculture representatives to identify and resolve any department-related issues, including methods to avoid ROW impacts, cost responsibility for any associated department work, and restoration requirements for affected ROW areas.

### **Agricultural Encroachment on ROW**

Each year, Provincial ROWs are significantly impacted by agricultural operations in a number of locations across the Province. These impacts include: excessive stormwater flow being directed into the ROW; eroded sediment depositing in ditches and culverts; liquid manure flowing into ditches and culverts; and, vegetable processing wash water being directed into ditches and culverts. EMS staff identify these encroachments, gather applicable information and forward a complaint to the Provincial Agriculture Department who, in turn, work with the landowner and TIE to rectify the problem.

### **Adopt-A-Highway Program**

Building on the success of the Federated Women's Institute Annual Roadside Cleanup, this program enables Islanders to expand their efforts to combat roadside litter. The EMS, with the assistance of the Provincial Environment Department, developed the Adopt-a-Highway Program and coordinates implementation of the program for the Province. Businesses, community groups and organizations can adopt a minimum five-kilometre section of Island roadway and agree to conduct a Fall and Spring cleanup each year.

### **Fish Passage Restoration Program**

The EMS and HMD continue to work with local watershed groups from across the Province, along with the Atlantic Salmon Federation, and the Provincial Department of Environment, Energy and Climate Action, to identify and repair fish passage barriers at highway culverts. As part of the compensation component of the Old Post Road Bridge Replacement project, the Department built a 108-meter-long bypass stream at the old Mill Road in Crapaud. The Westmoreland River had been blocked for over 100 years to fish passage at the head of tide. The realignment of the river resulted in smelts and other fish species being able to reach upstream habitat to spawn. The project involved building a bypass stream with pools, a pedestrian footbridge, and decommissioning a section of the Old Mill Road. The Department collaborated with the Town of Crapaud, the South Shore (Victoria) Watershed Group, and the Department of Environment, Energy and Climate Action on this project.

### **Environmentally-based Community/Public Partnering Projects**

The EMS annually coordinates the Department's involvement in a variety of environment-related community/public partnering initiatives that enhance the environment or provide environmentally beneficial results for the general public. These requests for assistance typically involve work that can be grouped into six categories: sediment control; fish passage restoration; erosion control; shoreline/coastal stabilization; habitat restoration; and, community access. Department work involves in-kind provision of materials, equipment, surveying, project planning and environmental mitigation. The EMS, Highway Maintenance, Bridge Maintenance and Capital Projects sections all participate in these projects. The EMS worked with 16 watershed and community groups on 28 projects during 2020-2021.

### **PEI Watershed Pilot Project**

2020 was year two of the PEI Watershed Pilot Project. Transportation, Infrastructure and Energy collaborated with a select watershed group in each of the three counties, to develop their priorities for the next three years of the Pilot Project. In Prince County, EMS and the Cascumpec/Hills River Watershed Group developed a secondary road maintenance program in their watershed area to identify problems with unpaved roads and the management solutions and maintenance schedule to reduce sediment transport towards watercourses and wetlands. In Queen's County, EMS and the Winter River/Tracadie

Bay Watershed Group completed a baffle retrofit on an arch culvert on the Pleasant Grove Road to improve fish passage issues at this structure. In King's County, EMS and the Souris and Area Wildlife Federation developed a plan to stabilize and manage storm water runoff on the Greenvale Road in the Black Pond Watershed.

### **Trans-Canada Highway (TCH) Extension - Cornwall-Clyde River Project**

The Environmental Management System is working with and involving community and watershed stakeholders in the Trans-Canada Highway (TCH) Extension - Cornwall-Clyde River Project to fulfill wetland compensation requirements of the Project. Stakeholders, including the two local watershed groups and Ducks Unlimited Canada, have formed the TCH Extension - Cornwall-Clyde River Wetlands Committee and this committee is assessing opportunities to enhance and create wetland areas to offset wetland impacts resulting from the Project.

### **Ross Road in Brookvale Project**

Ross Road in Brookvale is located on the headwaters of the West River. For the past twenty years, it has had serious environmental issues with undersized culverts, road washouts, sedimentation issues and fish passage issues. In 2020, the Department undertook a project to realign a section of the river where it crossed the Ross Road, replaced the existing culverts and stabilized the road. This project was a success with Atlantic Salmon now being found in this section of the river.

### **Climate Change Mitigation and Adaptation**

The Government of Prince Edward Island (PEI), including the Department of Transportation, Infrastructure and Energy (TIE), is completing actions to mitigate and adapt to climate change. Each division in TIE is responsible for perusing initiatives and designs that reduce or account for negative impacts resulting from climate change. TIE leads the design and implementation of shoreline protection projects across Prince Edward Island, adapting to current and projected storm surge conditions and sea level rise to protect the shore and infrastructure. TIE works at designing and constructing provincial roads, bridges, buildings, water and storm sewer systems with design criteria that account for climate change predictions over the useful life of the infrastructure; bridges are designed higher and wider to accommodate the projected sea levels, and roads are designed with increased cross slopes by 0.5% to account for more frequent and more intense precipitation events. The department works at leading in sustainable transportation initiatives through active transportation programs, electric vehicle charging infrastructure initiatives, fleet electrification, and public transit projects. TIE also completes retrofit projects on various government buildings, including window and roof replacements, humidification upgrades and boiler replacements, all aimed at increasing energy efficiency and reducing associated Green House Gas (GHG) emissions.

### **Beaver Management Program**

The EMS coordinates a Beaver Management Program, consistent with the Department's Beaver Management Policy, developed to address the problem of highway culverts frequently being obstructed by beaver activity. During the period of May through November, three Beaver Management Workers (BMWs) were hired to pro-actively identify and address road-related beaver problems across the Province, using the preferred management method of "by hand" restoration. This program is a cooperative cost-shared program between the EMS and the Forests, Fish and Wildlife Section of the Department of Environment, Energy and Climate Action. The cost of annually hiring the BMWs is small compared to the potential cost of responding to emergency events such as floods and washed-out

roadway culverts caused by beaver activity, as well as potential damage to surrounding property and aquatic ecosystem. The BMWs identified and managed beaver problems at 139 sites in 2020-2021.

### **Committee Participation**

The EMS represents the Department on a number of inter-governmental and external committees:

- Natural Areas Protection Act Committee
- Transportation Association of Canada (TAC) Environment and Climate Change Council
- Provincial Environmental Assessment Review Committee
- Provincial Climate Change Secretariat
- Provincial Sustainable Transportation Committee
- Bonshaw Hills Public Lands Sub-Committee
- Trans Canada Highway Extension, Cornwall-Clyde River Wetlands Committee
- Active Transportation Working Group

### **Regulatory Approvals and Environmental Assessments**

On behalf of the Department, the EMS acquires project approvals from external Federal and Provincial regulators, and coordinates the completion of Federal assessments/screenings for larger capital projects. The common types of approvals required include Provincial Environmental Assessment Review, Navigable Waters Protection Act (NWPA) Approval, reviewed by Fisheries and Oceans Canada to determine whether a project will result in serious harm to fish, and Watercourse, Wetland, and Buffer Zone Activity Permits. Administered by Transport Canada, NWPA approvals are acquired primarily for the Department's bridge replacement projects, and are intended to ensure that the public's right of navigation is protected from works which might interfere with navigation. The NWPA approval process includes submission of an application with project design plans and a project-specific environmental assessment (CEAA Screening), public advertisement of the project, and stakeholder consultations.

### **Office of the Provincial Chief Surveyor**

This Office provides land surveying services and expert opinion on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties, Capital Projects, Highway Maintenance, Building Design and Construction sections of the Department. Expertise and services are also provided to other departments: Environment, Energy and Climate Action; Finance; Agriculture, and Land; Economic Growth, Tourism and Culture; Government agencies and boards; community groups; as well as the greater legal, engineering and land-surveying community in the Province.

The following list includes the essential functions of the Office of the Provincial Chief Surveyor:

- Provide timely, comprehensive and efficient land and engineering surveying services on public roads and provincial lands
- Provide technical expertise and regulate surveys completed under the Natural Gas Act and the *Mineral Resources Act*
- Collect evidence and provide expert opinion on the tenure (public or private) of particular roads, rights-of-ways and public easements in the Province
- Maintain and manage the provincial control survey networks and provide technical assistance to various GNSS/GIS users on the provincial datum and mapping plane
- Maintain a library of documentary evidence and case law related to land tenure and surveying in Prince Edward Island and other provinces

- Coordinate survey training sessions and develop standards for engineering and legal surveying crews within the Department
- Coordinate and implement quality control standards for the collection of engineering surveying data to ensure accuracy and reliance sufficient to exceed high engineering design standards

Staff members are specifically trained in land surveying and particularly in the collection and assessment of boundary evidence. Staff currently consists of one professional land surveyor/professional engineer, two geomatics technicians, a research/administrative support clerk, and two survey crews. During 2020-2021, approximately 137 files have been created in this section consisting of road status requests, right-of-way and easement acquisitions, and legal and topographic surveys.

### **Public Roads**

During 2020-2021, the Office has opened approximately 49 files relating to road width and status enquiries. Disputed public roads continue to consume a major portion of the Office's resources. Often at issue is the existence of a public road leading to the shore that is not visible on the ground, nor shown on the provincial highway atlas or the width of the road is less than the current standard of 20.117 meters (66 feet). Resources are now more dedicated towards gathering the appropriate information required to defend the tenure of the non-essential roads, than the roads that are either classified and/or accepted into our network of maintained public roads. The Office will continue working towards resolving this imbalance. Through ongoing research associated with individual requests regarding public roads, the Office has become more knowledgeable in the historic land tenure process associated with the development of the Province's road infrastructure.

### **Legal Surveys**

In the past year, the Office has undertaken a number of legal surveys. The majority of the legal surveys have been prepared either for road acquisitions such as lands for new roundabouts, highway widening, intersection re-alignment, or for highway drainage easements through private lands. Additional surveys have been undertaken by the Office to facilitate the design and expansion of elementary schools, provincial manors, and general government facilities. These surveys generally include both the legal component of a boundary survey, together with the associated engineering surveys required for site design.

### **Preliminary Surveys**

Preliminary survey work was completed on existing road boundaries in preparation for the construction of the active transportation lane in Stratford, as well as for work to be done along St. Peter's Road in preparation for construction of three roundabouts.

### **Topographic Surveys**

Topographic surveys were completed for Three Oaks High School, Eliot River School, Montague Consolidated, École Evangeline Consolidated, various PEI Housing Corporation properties, new Government Garage, Sleepy Hollow Correctional Facility, and Wedgewood Manor. Survey work has been completed for a number of PEI Housing Corporation properties, Trans Canada Highway - Cornwall Bypass, and various road acquisitions.

### **Provincial Survey Reference System**

The GNSS-based active control network has now been in use by Government survey crews for six years.

The system has performed within the specifications of the manufacturer and has improved efficiency of gathering data in the field by the survey crews. The system has proven to be fairly robust, with very few outages, most of which are related to localized power outages in the areas where the stations are located.

### **System Coverage**

Coverage of the system Island-wide is very good. The Office is now producing plans with coordinates reflected in this system, with observed ties to existing passive monuments, to allow for conversion from the active control network to the monument network for those in the private sector not currently using the active control network. There continues to be an issue regarding the fluctuation in the elevations being measured at a point when a 'loss of lock' occurs and when the point is re-established, users are receiving the signal from a different station in the network is still ongoing. Leica Geosystems, the manager of the network, has continued to do extensive testing and has been unable to pinpoint the cause of the issue. Once again, this Office has advised that in cases where a more consistent elevation observation is required, for example, in the case of setting grades, users of the system should set local control points with fixed elevations and operate either a GPS base-rover setup, or total station setup utilizing those local control points.

### **Drones**

The Office has continued to incorporate the use of drone technology to aid in the gathering of data for topographic surveys. The Department of Agriculture and Land currently provide these services.

### **Properties Section**

The Properties Section is responsible for the provision of real estate services on behalf of all Government departments regarding the ownership of provincial properties.

### **Real Estate Services**

Examples of the types of real estate services that are commonly provided by the Properties Section are listed below:

- |                        |                       |
|------------------------|-----------------------|
| - Appraisals           | - Marketing           |
| - Acquisitions         | - Negotiations        |
| - Building Demolitions | - Paralegal Services  |
| - Consulting           | - Property Management |
| - Disposals            | - Public Relations    |
| - Expropriations       | - Public Tenders      |
| - Leasing              | - Titles Research     |

Real estate services are also provided to other government agencies such as the Public Schools Branch, Health PEI, PEI Energy Corporation, Island Waste Management Corporation, PEI Liquor Control Commission, Finance/Innovation PEI, as well as the Museum and Heritage Foundation, Holland College, municipalities, and other local development corporations formed to promote economic growth outside the larger municipal centres.

### **Land Information Management System - LIMS**

The Properties Section maintains a computer-based filing system (Land Information Management System - LIMS) capable of tracking property inventory, lease renewals, rental payments, properties acquired, sold

and leased, production of reports pertaining to provincial land inventory, and recording of requests received regarding provincial lands.

### Committee Participation

Staff members participate on various government committees, including the Provincial Land Review Subcommittee, *Natural Areas Protection Act* Technical Advisory Committee, and Resource Land Acquisition Fund (RLAF) Committee.

### Essential Properties and Surplus Properties

As of March 31, 2021, there were approximately 2,263 essential properties (totaling approximately 101,307 acres) and 123 surplus properties (totaling approximately 407 acres) held in provincial ownership and under the management of various government departments. For the period April 1, 2020 to March 31, 2021, the Properties Section received 401 inquiries related to provincial property matters.

### Property Leases - April 1, 2020 to March 31, 2021

For the period April 1, 2020 to March 31, 2021, there were 111 lease agreements on 99 provincial properties (1,340 approximate acres) generating a revenue of \$73,329 for this period. In addition, there were 298 lease or license agreements on 572 provincial properties that are not revenue-generating, i.e. leased to communities or nonprofit organizations for a nominal sum. This number also represents licenses to complete activities on the Confederation Trail and within the road Right-of-Way when approved by the appropriate authority.

### Property Acquisition (Not Resource Land Acquisition Fund) - April 1, 2020 to March 31, 2021

Parcel	Location	Acreage	Amount	Notes
23119	North Enmore	4.50 acres	2,383	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
467134	Tignish	0.28 acres	3,279	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
474800	Tignish	0.28 acres	3,279	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
32763	Elmsdale	3.44 acres	4,166	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
198036	Montague	11.69 acres		Property acquired by way of a Consolidation Deed.
426411	Cardigan	20.00 acres	60,000	Property acquired on behalf of the Provincial Active Transportation.
546895	Wood Islands East	11.00 acres	8,000	Government acquired portions of 3 properties, 323154 (3 acres), 323089 (5 acres) and 611111 (3 acres), adjacent to the former Wood Islands landfill site

Parcel	Location	Acreage	Amount	Notes
				located on property #546895 as a result of the recommendations of the consultant that completed the Phase II Environmental Assessment.
182725	Morell	2.89 acres		Property acquired to rectify lands erroneously conveyed in 1965.
536391	Lady Fane	0.20 acres		This property was Escheated to the Crown when Lady Fane Farms Inc. surrendered its Charter. As per Quit Claim deed from Department of Finance, the property came into Provincial inventory and subsequently conveyed to Estate of Gerald A. Craig.
388108	Charlottetown	2.60 acres		Property acquired on behalf of Department of Education and Lifelong Learning.
114553	St. Margaret's	139.00 acres	109,000	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
593723	St. Margaret's	0.71 acres		Portion of property acquired in exchange for a Tax Receipt.
466847	Roseville	50.00 acres	69,900	Property acquired on behalf of Department of Environment, Energy & Climate Action (Forests Fish & Wildlife Division) and paid for from Canada Nature Fund.
142216	Grand Tracadie	14.30 acres		Property acquired in exchange for a Tax Receipt.
413773	Kensington	8.88 acres		Property acquired for expansion of the Grain Elevators and to rectify an encroachment via Consolidation Deed.
<b>Total</b>	<b>15 Properties</b>	<b>269.77 acres</b>	<b>\$260,007.00</b>	

**Property Acquisitions Resource Land Acquisition Fund (RLAF) - April 1, 2020 to March 31, 2021)**

Parcel	Location	Acreage	Amount	Notes
129726	St. Charles	100.00 acres	55,000	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
218644	Strathgartney	8.63 acres	71,700	Acquired an easement on behalf of the Department of Economic Growth, Tourism & Culture.

485433	Bangor	42.50 acres	55,000	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
488023	Five Houses	30.00 acres	16,000	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
745893	West St. Peters	33.00 acres	25,000	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
1130749	Five Houses	47.00 acres	26,000	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
<b>Total</b>	<b>6 properties</b>	<b>261.13 acres</b>	<b>\$248,700.00</b>	

#### Easements Granted – April 1, 2020 to March 31, 2021

Parcel	Location	Acreage	Amount	Notes
110874	North Lake	0.40 acres		Easement granted to PEI Energy Corporation as part of the access road system for the Ease Point Wind Plant.
110890	North Lake	0.49 acres		Easement granted to PEI Energy Corporation as part of the access road system for the Ease Point Wind Plant.
6841	Tignish	0.046 acres		Easement granted to Tignish Initiative Corporation for the supply of biomass heat.
54866	Tignish	0.092 acres		Easement granted to Tignish Initiative Corporation for the supply of biomass heat.
506246	Tignish	0.02 acres		Easement granted to Tignish Initiative Corporation for the supply of biomass heat.
76885	Kensington	0.04 acres	500	Easement granted to Kensington Co-operative Ltd. for underground pipe for sanitary sewer.
68643	Summerside	0.24 acres		Easement granted to City of Summerside for buried pipe for water main and sanitary sewer.
490078	Carleton Siding	0.66 acres	870	Easement granted to Maritime Electric Company Ltd. for installing a new overhead line.
388736	West Royalty	0.37 acres		Easement granted to Queen's County Residential Services Inc. for storm water drainage
211086	Borden-Carleton	3.40 acres	21,470	Easement granted to Maritime Electric

Parcel	Location	Acreage	Amount	Notes
				Company Ltd. for installing a new overhead line.
555722	Carleton Siding	0.11 acres		Easement granted to Maritime Electric Company Ltd. for installing a new overhead line.
390765	Sherwood	0.04 acres		Easement granted to City of Charlottetown for sewer drainage.
1089044	Clyde River	1.46 acres	2,570	Easement granted to Maritime Electric to run power lines to new substation.
<b>Total</b>	<b>13 properties</b>	<b>7.368 acres</b>	<b>\$25,410.00</b>	

#### Easements Acquired – April 1, 2020 to March 31, 2021

Parcel	Location	Acreage	Amount	Notes
1021005	Brackley	0.25 acres	4,500	Acquired easement for storm water management.
201681	Fairview	0.22 acres		Acquired easement for storm water management.
10579	Pleasant View	1.40 acres		Acquired easement for storm water management.
203992	Canoe Cove	0.16 acres	1,800	Acquired easement for storm water management.
281345	Springvale	0.26 acres	1,800	Acquired easement for infrastructure maintenance.
597757	Springvale	0.19 acres	1,300	Acquired easement for infrastructure maintenance.
289264	Stratford	0.13 acres	6,477	Acquired easement for ditch slope.
593723	St. Margaret's	0.015 acres		Acquired easement for storm water management.
218644	Bonshaw	8.63 acres		Acquired easement for trail (recreational).
172643	Georgetown	0.11 acres		Acquired easement for storm water management.
1063478	Stratford	0.46 acres	5,000	Acquired easement for trail (recreational).
398289	Mount Herbert	0.92 acres	5,000	Acquired easement for trail (recreational).
1103670	Stratford	1.469 acres		Acquired easement for storm water management.
571414	Stratford	0.12 acres		Acquired easement for vehicle turning area.
996934	Donaldston	0.08 acres		Acquired easement for sight line.
1008465	Stratford	0.05 acres	7,350	Acquired easement for ditch slope.
1103217	Stratford	0.05 acres	13,300	Acquired easement for ditch slope.

Parcel	Location	Acreage	Amount	Notes
246470	Cornwall	2.43 acres		Acquired easement for storm water management.
246470	Cornwall	0.03 acres		Acquired easement for vehicle turning area.
734624	Cape Traverse	0.20 acres		Acquired easement for storm water management.
289447	Stratford	0.09 acres		Acquired easement for storm water management.
<b>Total</b>	<b>21 Properties</b>	<b>17.264 acres</b>	<b>\$46,527.00</b>	

#### Disposals for Highways - April 1, 2020 to March 31, 2021

Parcel	Location	Acreage	Amount	Notes
230912	Mayfield	0.11 acres	300	Portion of old roadbed closed and conveyed to adjacent property owner.
1054436	Mount Albion	0.08 acres		Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
242859	Caledonia	0.06 acres		Portion of old roadbed closed and conveyed to adjacent property owner.
289264	Stratford	0.32 acres		Portion of old roadbed closed and conveyed to adjacent property owner.
1102250	Long River	0.16 acres		Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
<b>Total</b>	<b>5 Disposals</b>	<b>0.73 acres</b>	<b>\$300.00</b>	

#### Acquisitions for Highways – April 1, 2020 to March 31, 2021

Parcel	Location	Acreage	Amount	Notes
1101435	Stratford	0.59 acres		Acquired for new subdivision streets.
1103670	Stratford	0.86 acres		Acquired for new subdivision streets.
246710	Cornwall	0.09 acres	27,400	Acquired for road widening.
126367	Johnston's River	0.60 acres		Acquired for new road extension to Walker Road.
741082	Greenvale	0.60 acres	20,000	Acquired for road realignment.
405068	Stratford	0.148 acres	29,700	Acquired for road widening as part of the Mason Road Roundabout project.
212514	Chelton	0.38 acres	14,000	Acquired for road realignment.
681148	Caledonia	0.50 acres	8,500	Acquired for road widening as part of the Caledonia Roundabout project.
522011	Charlottetown	0.50 acres + house & building	334,400	Acquired for new roundabout project.

Parcel	Location	Acreage	Amount	Notes
406140	Central Bedeque	0.10 acres	6,500	Acquired for construction of a vehicle turning area.
822460	Stratford	0.25 acres	44,528	Acquired for new roundabout project.
65128	Linkletter	1.83 acres	27,500	Acquired for new roundabout project.
994426	Searletown	0.05 acres	7,500	Acquired for road realignment.
867044	Searletown	0.23 acres	9,020	Acquired for bridgework.
389577	Hazelbrook	0.28 acres	3,000	Acquired for road realignment.
1085620	Tyne Valley	0.011 acres	4,500	Acquired for stream diversion.
191825	Charlottetown	0.38 acres + house & building	305,000	Acquired for new roundabout project.
734624	Cape Traverse	2.20 acres		Acquired for new subdivision streets.
89631	Seaview	0.34 acres + building	109,000	Acquired to correct encroachment issue for public road purposes.
206870	Hampton	0.48 acres + house & building	155,000	Acquired to correct sight line issues and road realignment.
88617	New London	0.83 acres		Acquired for road widening.
941377	Clyde River	0.07 acres		Acquired for road widening.
658526	Charlottetown	0.08 acres	20,000	Acquired for new roundabout project.
201681	Fairview	0.39 acres		Acquired for new subdivision streets.
191817	Charlottetown	0.37 acres + house & building	286,000	Acquired for road widening.
776799	Stratford	0.16 acres	28,700	Acquired for new roundabout project.
916254	Stratford	0.01 acres	3,000	Acquired for new roundabout project.
467175	Caledonia	1.35 acres	11,062	Acquired for new roundabout project.
671446	Caledonia	0.09 acres	738	Acquired for new roundabout project.
389585	Hazelbrook	0.19 acres	2,500	Acquired for road widening.
242859	Caledonia	0.07 acres	1,000	Acquired for new roundabout project.
291823	Beach Point	0.11 acres		Acquired for road widening.
191718	Charlottetown	1.707 acres	71,122	Acquired for new roundabout project.
191866	Charlottetown	0.73 acres	82,000	Acquired for new roundabout project.
192229	Charlottetown	0.15 acres +	347,500	Acquired for road widening.

Parcel	Location	Acreage	Amount	Notes
		house		
896480	Caledonia	0.07 acres	1,676	Acquired for new roundabout project.
289447	Stratford	0.79 acres		Acquired for new subdivision streets.
246470	Cornwall	4.27 acres		Acquired for new subdivision streets.
<b>Total</b>	<b>38 Properties</b>	<b>21.856 acres</b>	<b>\$1,960,846.00</b>	

**Property Disposals (Not RLAF) – April 1, 2020 to March 31, 2021**

Parcel	Location	Acreage	Amount	Notes
898007	Indian River	0.41 acres	800	Tax sale property sold to adjacent landowner by Restricted Tender.
8383	St. Louis	0.33 acres	500	Tax sale property sold to adjacent landowner by Restricted Tender.
9308	St. Edward	1.00 acres	4,347	Tax sale property sold to adjacent landowner by Restricted Tender.
409409	Summerside	0.23 acres	800	Tax sale property sold to adjacent landowner by Restricted Tender.
214346	Albany	0.18 acres	700	Tax sale property sold to adjacent landowner by Restricted Tender.
678938	Dingwell's Mills	0.28 acres	200	Tax sale property sold to adjacent landowner by Restricted Tender.
633958	Milburn	0.34 acres	300	Tax sale property sold to adjacent landowner by Restricted Tender.
47001	Glenwood	0.40 acres	500	Tax sale property sold to adjacent landowner by Restricted Tender.
288365	Murray River	2.00 acres	8,000	Tax sale property sold as a result of being advertised on the Government website.
178749	St. Peter's Harbour	0.09 acres	600	Tax sale property sold to adjacent landowner by Restricted Tender.
293316	Rose Valley	0.38 acres	500	Tax sale property sold to adjacent landowner by Restricted Tender.
741777	Glenwilliam	0.61 acres	1,000	Tax sale property sold to adjacent landowner by Restricted Tender.
33662	Elmsdale	0.40 acres	1,000	Tax sale property sold to adjacent landowner by Restricted Tender.
284612	Hunter River	0.10 acres	3,050	Tax sale property sold to adjacent landowner by Restricted Tender.
27227	Ellerslie-Bideford	0.50 acres	500	Tax sale property sold to adjacent landowner by Restricted Tender.
617688	Gaspereaux	1.90 acres	8,000	Tax sale property sold as a result of being advertised on the Government website.

Parcel	Location	Acreage	Amount	Notes
215780	North Tryon	0.30 acres	538	Tax sale property sold to adjacent landowner by Restricted Tender.
686774	Belle River	0.84 acres	300	Tax sale property sold to adjacent landowner by Restricted Tender.
48157	Burton	0.41 acres	2,500	Disposed of a portion of vacant land.
249961	Fredericton	0.36 acres		Disposed of a portion of vacant land.
249953	Fredericton	0.20 acres		Disposed of a portion of vacant land.
388736	West Royalty	0.01 acres		Disposed of a portion of vacant land to rectify an encroachment issue.
996934	Donaldston	0.76 acres	14,000	Disposed of property as a result of being advertised on the Government website.
536391	Lady Fane	0.20 acres		This property was Escheated to the Crown when Lady Fane Farms Inc. surrendered its Charter. As per Quit Claim deed from Department of Finance, the property came into Provincial inventory and subsequently conveyed to Estate of Gerald A. Craig.
19224	Alberton	0.10 acres	3,600	Disposed of a portion of vacant land.
1089044	Clyde River	3.35 acres	11,793	Disposed of a portion of vacant land.
222141	Central Bedeque	3.80 acres		Disposed of a portion of vacant land.
997270	Murray River	0.22 acres		Disposed of a portion of vacant land.
792440	Travelers' Rest	0.35 acres	2,200	Disposed of a portion of vacant land to rectify an encroachment issue.
280909	Springvale	0.70 acres	550	Disposed of property by Restricted Tender.
154815	Bridgetown	0.96 acres	10,000	Disposed of vacant land.
76885	Kensington	0.16 acres		Disposed of a portion of Confederation Trail to rectify an encroachment issue of the Kensington Grain Elevators.
<b>Total</b>	<b>32 Disposals</b>	<b>21.87 acres</b>	<b>\$76,278.00</b>	

## CAPITAL PROJECTS DIVISON

### Chief Engineer's Report

The Capital Projects Division is responsible for the planning, design, construction and reconstruction of the Province's highways and bridges. This includes the associated tasks of data collection, surveying, mapping, materials testing, traffic engineering and bridge maintenance. The responsibilities for planning, surveying, construction, and reconstruction, come under the direction of the Chief Engineer with assistance from two Regional Engineers. The Chief Engineer's office is located in Charlottetown. The main offices for the Eastern Region are located in Charlottetown and Georgetown. The Western Region offices are located in Charlottetown and Slemon Park.

Traffic operations and sub-division development is directed by the Traffic Operations Engineer, located in the Charlottetown office. The two regions are managed by two Traffic Operations Managers, one working out of both Charlottetown and Georgetown, and one working out of Slemon Park that is also responsible for the Provincial Sign Shop in Tignish. The design of highways and bridges is managed from the Charlottetown office, as is the project management of bridge construction and maintenance. The structural highway design and testing of construction materials is managed from the Highway Testing Laboratory in Mt. Stewart, with additional testing facilities at the Slemon Park location.

Planning within Capital Projects emphasized the need for completing work early in the fall under favorable weather conditions, tendering the work in larger projects to improve quality control, and reducing of overall construction costs. The Department's emphasis is now on improvements to all arterial highways and the continuation of dedicating more resources to bridge replacement. The total capital highway and bridge expenditures for FY2020/2021 was approximately \$77,703,920. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

The funding agreement with Ottawa, entitled the New Build Canada Fund, was put in place in 2014. This agreement is a 10-year funding deal between the Federal and Provincial Governments. Under the New Build Canada Funding agreement, there were 50 projects completed in 2020-2021. Seven large projects include Route 2 Milton Station/Springvale, Route 2 St. Peter & St. Paul-Tignish, Route 2 Norboro, Route 1A Middleton-Central Bedeque, Route 2 Brookvale/Springvale, Route 3 Georgetown Royalty, and Route 3 Summerville, as well as various other projects on the arterial highway system. The New Deals for Cities and Communities provided federal funding for seven projects, including Route 13 Cavendish, Route 2 Kensington Storm Sewer, Hillsborough Bridge Active Transportation Trail, and various other projects.

A new funding agreement with Infrastructure Canada was established for the construction season of 2020-2021. This project is called the Investing in Canada Plan (ICIP). Under this new program, Capital Projects completed nine projects, including two bridge projects; Ebbsfleet Structure Replacement, and Whim Road Structure Replacement. This program is for low-volume roads and bridges. Once again, the Capital Budget for Highways and Bridges was approved in the Fall session of the Provincial Legislature. This enabled the Department to plan and tender contracts earlier for the coming year's road and bridge programs. This was a great benefit to the Capital Projects Division and also the P.E.I. Road Builders and Heavy Construction Association, as contractors can plan in advance for the upcoming construction season.

### **Capital Highway Projects**

Capital highway projects are administered by the two Regional Engineers. They review the deficiencies of the highway system and plan for the upcoming years using the Department's Five-Year Road Program, considering safety, traffic volumes, surface conditions, truck traffic and other departmental and public concerns relative to each project. This year, the department continues to use a new Highway Pavement Management System (HPMA) to help the department create and track its five-year road program. The selected projects are surveyed and designed with input from environment, traffic, properties, surveys, materials lab, and municipal personnel, as required. The regional staff prepare cost estimates and tenders, review tenders, award contracts, administer the contract, evaluate the work, record contract quantities, prepare payments, identify deficiencies to be corrected, and approve the final product. The highway projects include those cost- shared with Infrastructure Canada through the New Build Canada Fund, and New Deals for Cities and Communities funding.

### Capital Bridge Projects

Capital bridge projects are administered by the staff of the Bridge Section. The bridge inspection initiative continues to have both department and consultant engineers inspect all large bridge structures on PEI every two years. They review the deficiencies of the bridges and plan for the upcoming years. They consider safety, traffic volumes, structural condition, truck traffic, and other departmental and public concerns relative to each project. Design and contract administration are similar to highway projects.

### Weigh Scale Contract Quantities

The Capital Project staff, along with assistance from our Highway Safety Division, are responsible for ensuring current and accurate totals of all materials which are paid by weight or volumes on all highway construction projects. Training and quality control supervision is provided to all district checkers, data collectors, weighers and checkers. Scale site activities are reviewed in conjunction with Measurement Canada and Highway Safety Division to ensure that there is compliance to the Federal Weights and Measures Act, the Roads Act Vehicle Weight Regulations, and the General Provisions and Contract Specifications for Highway Construction. The Section provides data entry of material tickets for progress payments on all highway construction and bridge projects. The material tickets information is entered into the Construction Analysis and Tracking System (CATS), which is designed to assist the Capital and Maintenance staff in managing their highway projects. The same activities are followed to maintain the records of the winter sand contracts for the Highway.

### Subdivision Development

Subdivisions continue to be built by private developers who are responsible for the surveying, construction, testing and deeding of the new streets to the Province. Department staff work with the developers and provincial or municipal planners to prepare a design with an acceptable roadway, storm water management plan, and utility services. An agreement is then signed between the three parties identifying responsibilities, costs, and scheduling. The developer deeds the right-of-way to the Province at such time as the conditions of the agreement are satisfied.

Subdivision Name Location	SD #	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	New Pavement (km)
Dawson Sub. (Cape Traverse)	887	River View Dr.	0.40	0.40	0.40	0.40	0.40	0.40
Laughlin St. Extension (Miscouche)	928	Laughlin St.	0.14	0.14	0.14	0.14	0.14	0.14
<b>Provincial Totals</b>			<b>0.54</b>	<b>0.54</b>	<b>0.54</b>	<b>0.54</b>	<b>0.54</b>	<b>0.54</b>

QUEENS COUNTY									
Subdivision Name Location	SD #	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Maryland Sub., Phase 3 (Pleasant Grove)	835	Maggie Ln.					0.67		

QUEENS COUNTY									
Subdivision Name Location	SD #	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Forest Trails Phase 3 (Stratford)	858	Balderston Crt.	0.12	0.12	0.12	0.12	0.12		0.12
West River Estates Phase 2 (Cornwall)	910	Morgan St., Water Edge Ln. Mill Pond Ln.	0.95	0.95	0.95	0.95		0.95	0.95
Michael Thomas Way Extension	915	Michael Thomas Wy.	0.17	0.17	0.17	0.17	0.17		0.17
Ian Barrett Sub. (Fairview)	921	Ashton St. Extension	0.30	0.30	0.30	0.30	0.30		0.30
Courtney Estates (Stratford)	922	Bryer Jones Court.	0.11	0.11	0.11	0.11	0.11		0.11
<b>Total</b>			<b>1.65</b>	<b>1.65</b>	<b>1.65</b>	<b>1.65</b>	<b>1.37</b>	<b>0.95</b>	<b>1.65</b>

KINGS COUNTY									
Subdivision Name Location	SD #	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
<b>NOTE: There were no roads in King's County subdivisions that became public roads in FY 2020-2021.</b>									

### Schedule of Tenders Received

#### Marion Drive (Connection) Stratford 2020 - April 2, 2020

Island Coastal Services Ltd. \$ 498,885.40

#### Route 20 – Malpeque Road 2020 – April 23, 2020

The Island Construction Ltd. \$ 187,733.25

#### Trans –Canada Highway Extension Seal 2020 – April 28, 2020

Chapman Bros. Construction Ltd. \$2,132,183.20

The Island Construction Ltd. \$2,321,854.80

#### Displaced Left Intersection – Charlottetown 2020 – May 20, 2020

Island Coastal Services Ltd. \$3,276,985.87

Chapman Bros. Construction Ltd. \$3,771,805.00

#### Route 1 – Hillsborough Bridge West Approach 2020 – May 20, 2020

Chapman Bros. Construction Ltd. \$ 284,521.60

The Island Construction Ltd. \$ 411,321.60

Old Post Road Bridge Replacement 2020 – May 20, 2020

Noye and Noye Ltd.	\$ 820,187.00
Highfield Construction Ltd.	\$ 866,309.00

Route 152 – St. Louis 2020 – May 27, 2020

Chapman Bros. Construction Ltd.	\$ 96,731.00
Curran & Briggs Ltd	\$ 99,117.00

Route 13 – Cavendish 2020 – May 27, 2020

Island Coastal Services Ltd.	\$ 574,937.35
Curran & Briggs Ltd.	\$ 599,415.00
Earthform Corporation	\$ 996,845.00

Hunter River Bridge – Structure Replacement 2020 – May 27, 2020

Highfield Construction Ltd	\$1,899,744.00
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Route 6 – Brackley Beach to Oyster Bed Widening 2020 – June 3, 2020

The Island Construction Ltd.	\$ 747,960.00
Chapmans Bros. Construction Ltd.	\$ 758,171.10

Route 6 – Cymbria to North Rustico 2020 – June 3, 2020

The Island Construction Ltd.	\$ 799,468.00
Chapman Bros. Construction Ltd.	\$ 839,755.00

Route 12- Cascumpec/Fortune Cove 2020 – June 17, 2020

Chapman Bros. Construction Ltd	\$ 560,630.00
Curran & Briggs Ltd.	\$ 571,138.00

Route 24 and 315 Caledonia Roundabout 2020 – June 30, 2020

The Island Construction Ltd.	\$1,157,098.60
Island Coastal Services Ltd.	\$1,282,336.41
Chapman Bros. Construction Ltd.	\$1,289,196.65

Route 12- Miscouche (North) 2020 – June 30, 2020

Curran & Briggs Ltd.	\$ 106,724.80
Chapman Bros. Construction Ltd.	\$ 110,555.80

Route 2 – St. Peter & St. Paul/Tignish 2020 – July 21, 2020

Chapman Bros. Construction Ltd.	\$1,255,931.00
Curran & Briggs Ltd.	\$1,275,261.50

Route 2 – Norboro 2020 – July 21, 2020

Curran & Briggs Ltd.	\$ 669,659.40
Chapman Bros. Construction Ltd.	\$ 688,817.40
The Island Construction Ltd.	\$ 718,131.40

Route 2 – Brookfield/Springvale 2020 – July 21, 2020

Chapman Bros. Construction Ltd.	\$ 895,189.37
The Island Construction Ltd.	\$ 959,996.00

Route 2- Fortune Bridge 2020 – July 21, 2020

Chapman Bros. Construction Ltd.	\$ 846,935.60
The Island Construction Ltd.	\$ 885,364.82

Route 3 – Summerville 2020 – July 21, 2020

The Island Construction Ltd.	\$1,270,743.00
Chapman Bros. Construction Ltd.	\$1,313,882.00

Oyster Creek Bridge Replacement 2020 – July 21, 2020

Gaudette's Transit Mix Ltd.	\$ 946,507.00
Noye and Noye Ltd.	\$ 976,306.00
Highfield Construction Ltd.	\$1,197,562.00

Kildare Capes Bridge Replacement 2020 – July 28, 2020

Noye and Noye Ltd.	\$ 394,019.50
Gaudette's Transit Mix Ltd.	\$ 424,700.25
Highfield Construction Ltd.	\$ 459,084.00

Route 2- Tracadie Cross 2020 – August 6, 2020

The Island Construction Ltd.	\$ 320,206.64
Chapman Bros. Construction Ltd.	\$ 342,016.64

Route 2 – Canavoy 2020- August 6, 2020

Chapman Bros. Construction Ltd.	\$ 394,351.90
The Island Construction Ltd.	\$ 394,994.15

Route 2- West St. Peter's 2020 – August 6, 2020

The Island Construction Ltd.	\$ 962,188.90
Chapman Bros. Construction Ltd.	\$ 979,116.90

Route 1- Albany 2020 – August 6, 2020

Curran & Briggs Ltd.	\$ 709,603.90
Chapman Bros. Construction Ltd.	\$ 714,820.00

Route 2 – Woodvale/St. Peter & St. Paul 2020 – August 6, 2020

Chapman Bros. Construction Ltd.	\$ 598,068.00
Curran & Briggs Ltd.	\$ 610,033.00

Route 2 – Springhill 2020 – August 6, 2020

Chapman Bros. Construction Ltd.	\$ 528,691.90
Curran & Briggs Ltd.	\$ 534,309.90

<u>Route 12- Miscouche (South) 2020 – August 6, 2020</u>	
Curran & Briggs Ltd.	\$ 245,206.10
Chapman Bros. Construction Ltd.	\$ 273,571.60
 <u>Route 1A – Middleton/Central Bedeque 2020 – August 6, 2020</u>	
Curran & Briggs Ltd.	\$1,979,974.50
Chapman Bros Construction Ltd.	\$2,017,342.00
 <u>Route 226 – Darlington 2020 – August 13, 2020</u>	
Chapman Bros. Construction Ltd.	\$ 268,807.75
The Island Construction Ltd.	\$ 307,050.55
 <u>Springvale -Old Route 2 Rd – Temp. Bypass Rd &amp; Bridge 2020 – August 3, 2020</u>	
Island Coastal Services Ltd.	\$1,757,719.12
Noye and Noye Ltd.	\$1,822,151.80
 <u>Route 2- Pleasant Valley 2020 – August 20, 2020</u>	
The Island Construction Ltd.	\$ 690,296.50
Chapman Bros. Construction Ltd.	\$ 725,128.00
Curran & Briggs Ltd.	\$ 732,697.60
 <u>Route 2 – Charlottetown/Milton Station 2020 – August 20, 2020</u>	
The Island Construction Ltd.	\$ 532,414.50
Chapman Bros. Construction Ltd.	\$ 567,844.00
 <u>Route 1- Hazelbrook Road Widening 2020 – August 20, 2020</u>	
Chapman Bros. Construction Ltd.	\$ 979,137.00
The Island Construction Ltd.	\$1,019,007.55
 <u>Route 15 – Brackley Widening 2020 – August 20, 2020</u>	
The Island Construction Ltd.	\$ 554,754.00
Chapman Bros. Construction Ltd.	\$ 577,168.00
 <u>Oyster Bed Bridge – Structure Replacement 2020 – August 20, 2020</u>	
Dunbar Construction Ltd.	\$2,742,761.80
Highfield Construction Ltd.	\$2,830,818.80
Noye and Noye Ltd.	\$2,850,298.00
Greenfield Construction Ltd.	\$3,651,538.34
 <u>Springvale Bridge – Structure Replacement 2020 – August 20, 2020</u>	
Island Coastal Services Ltd.	\$1,757,719.12
Noye and Noye Ltd.	\$1,822,151.80
 <u>Route 143 – Woodstock/Howlan 2020 – September 10, 2020</u>	
Chapman Bros. Construction Ltd.	\$ 532,974.00
Curran & Briggs Ltd.	\$ 540,104.80

<u>Cape Road – Park Corner 2020 – September 17, 2020</u>	
Curran & Briggs Ltd.	\$ 157,614.40
<u>Iris Bridge -Structure Replacement 2020 – September 17, 2020</u>	
Highfield Construction Ltd.	\$ 263,180.00
Noye and Noye Ltd.	\$ 325,105.00
Dunbar Construction Ltd.	\$ 388,500.00
<u>Gorman Lane Bridge - Structure Replacement 2020 – September 17, 2020</u>	
Gillis's Heavy Equipment Ltd.	\$ 141,580.50
Stewart Enterprises Ltd.	\$ 141,847.00
Noye and Noye Ltd.	\$ 145,865.00
<u>Hillsborough Bridge – Active Transportation Corridor 2020 – September 17, 2020</u>	
Island Coastal Services Ltd.	\$3,859,138.00
Birch Hill Construction Ltd.	\$4,053,548.00
<u>Route 2- Bloomfield Corner 2020 – September 24, 2020</u>	
Chapman Bros. Construction Ltd.	\$ 470,246.00
Curran & Briggs Ltd.	\$ 490,680.00
<u>St. Peter's Structure Replacement 2020 - September 24, 2020</u>	
Island Coastal Services Ltd.	\$5,299,999.99
<u>West Point – Revetment Wall 2020 – October 1, 2020</u>	
Stewart Enterprises Ltd.	\$ 213,735.00
Coastal Services Industries	\$ 228,781.50
Kildare Construction Ltd.	\$ 239,325.00
<u>Roxbury Route 12- Structure Replacement – October 8, 2020</u>	
Noye and Noye Ltd.	\$ 214,441.51
Northern Enterprises Ltd.	\$ 246,269.74
Birch Hill Construction Ltd.	\$ 458,357.13
<u>Ebbsfleet Rte 156 – Structure Replacement 2020 – October 8, 2020</u>	
Noye and Noye Ltd.	\$ 110,673.81
Northern Enterprises	\$ 132,073.76
Birch Hill Construction	\$ 219,582.25
<u>Whim Road Rte 316 – Structure Replacement – October 8, 2020</u>	
Noye and Noye Ltd.	\$ 212,154.00
The Island Construction Ltd.	\$ 220,602.50
Birch Hill Construction	\$ 254,215.66
Chapman Bros. Construction Ltd.	\$ 349,234.48

Stratford Rte 1 – Structure Replacement – October 8, 2020

Noye and Noye Ltd.	\$ 510,985.00
Chapman Bros. Construction Ltd.	\$ 584,427.50
Birch Hill Construction	\$ 597,790.80
Island Coastal Services Ltd	\$ 718,568.00

Kelly's Cross Rte 246 – Structure Replacement – October 8, 2020

Noye and Noye Ltd.	\$ 245,951.00
Island Coastal Services Ltd.	\$ 323,261.64
Birch Hill Construction	\$ 407,327.00

North St. Eleanor's– Structure Replacement – October 15, 2020

Noye and Noye Ltd.	\$ 442,860.00
Highfield Construction Ltd.	\$ 460,874.00
Gaudette's Transit Mix	\$ 479,770.20
Dunbar Construction Ltd.	\$ 575,479.00

Rocky Point Wharf Demolition and Stabilization 2020 – October 15, 2020

Noye and Noye Ltd.	\$ 414,500.00
G & P Trucking Ltd.	\$ 549,632.50
JD Marine and Diving Inc.	\$ 559,658.90
Diver's Quarters Diversified Drivers	\$ 835,937.50

Crapaud Bridge - Structure Replacement – January 14, 2021

Island Coastal Services Ltd.	\$ 813,894.28
Noye and Noye Ltd.	\$ 819,515.00
Highfield Construction	\$ 934,937.00

Borden- Carleton Plants 2021 – January 26, 2021

Somerset Gardens Inc.	\$ 50,107.40
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Aerospace Boulevard – Slemon Park 2021 – February 18, 2021

Curran & Briggs Ltd.	\$ 426,272.70
AJL Ltd.	\$ 466,069.50
Chapman Bros. Construction Ltd.	\$ 516,832.00
Birt & McKay Ltd	\$ 520,219.37
Northern Enterprises Ltd	\$ 581,474.50

Route 2- Woodstock 2021 - February 18, 2021

Chapman Bros. Construction Ltd.	\$1,199,448.00
Curran & Briggs Ltd.	\$1,215,569.30

Route 143 – Howlan 2021 – February 18, 2021

Chapman Bros. Construction Ltd.	\$ 391,254.00
Curran & Briggs Ltd.	\$ 406,124.00

Route 2 – Farmington 2021 - February 18, 2021

Chapman Bros. Construction Ltd.	\$1,512,279.50
The Island Construction Ltd.	\$1,527,587.40

Charlottetown Perimeter Highway – Charlottetown 2021 – February 18, 2021

Chapman Bros. Construction Ltd.	\$1,272,700.95
The Island Construction Ltd.	\$1,307,927.60

Route 1 – Flat River 2021 – February 18, 2021

Chapman Bros. Construction Ltd.	\$ 493,060.00
The Island Construction Ltd.	\$ 507,830.00

Route 2 - East Royalty Roundabout - Charlottetown 2021 – February 25, 2021

Island Coastal Services Ltd.	\$5,695,935.27
Chapman Bros. Construction Ltd.	\$5,736,664.21
Birt & MacKay Backhoe Ltd.	\$7,304,235.55

Route 1 – Crapaud (Right Turn Lane) 2021 – March 9, 2021

Curran & Briggs Ltd.	\$ 114,348.60
Island Coastal Services Ltd.	\$ 123,877.75
Chapman Bros. Construction Ltd.	\$ 135,900.50

Route 27 Clyde River 2021 – March 9, 2021

Chapman Bros. Construction Ltd.	\$ 202,698.00
The Island Construction Ltd.	\$ 206,206.50

Route 27 - Cornwall 2021 – March 9, 2021

Chapman Bros. Construction Ltd.	\$ 212,205.00
The Island Construction Ltd.	\$ 212,839.00

Route 4 – Albion Cross 2021 – March 9, 2021

Chapman Bros. Construction Ltd.	\$ 907,242.50
The Island Construction Ltd.	\$ 938,581.65

Route 326 - Montague 2021 – March 9, 2021

Chapman Bros. Construction Ltd.	\$ 424,301.10
The Island Construction Ltd.	\$ 460,931.15

Route 210 – Montague (Queen's Rd) 2021 – March 18, 2021

Chapman Bros. Construction Ltd.	\$ 998,159.73
The Island Construction Ltd.	\$1,010,555.35

Route 13 – New Glasgow/Mayfield 2021 – March 18, 2021

Chapman Bros. Construction Ltd.	\$ 693,387.50
The Island Construction Ltd.	\$ 725,304.50
Curran & Briggs Ltd.	\$ 803,532.90

**Church Hill Ave – North Rustico 2021 – March 18, 2021**

The Island Construction Ltd.	\$ 182,978.05
Chapman Bros. Construction Ltd.	\$ 184,863.30
Curran & Briggs Ltd.	\$ 206,775.80

**Morell Rails to Trails Bridge 2021 – March 18, 2021**

Dunbar Construction Ltd.	\$1,622,352.00
Highfield Construction	\$1,797,008.00
7305516 Canadyne Navigation	\$1,899,762.73
Noye and Noye Ltd.	\$2,120,831.00

**Millvale Bridge 2021 – March 18, 2021**

Noye and Noye Ltd.	\$ 392,524.00
Island Coastal Services Ltd.	\$ 394,328.60
Gaudette's Transit Mix	\$ 396,868.50
Landmark (9421491 Canada Inc.)	\$ 578,380.34

**Western Region – Highways and Bridges**

Location	Kms	Grade	Gravel Base	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	New Pavement
Cape Road - Park Corner	0.299	0.299	0.299		0.299	0.299	0.299	
Cornwall Road - Cornwall	1.460			1.460		1.460		
Rocky Point Wharf Demolition and Stabilization <sup>1</sup>	0.232							
Route 1 - Albany	3.940					3.940		
Route 1 - TCHighway & Mercedes Drive Ext <sup>2</sup>	9.785	0.250	0.250		0.250	9.785	0.250	0.250
Route 1A - Middleton Central Bedeque	5.900			5.900		5.900		
Route 2 - Brookfield/Springvale	2.600			2.600		2.600		
Route 2 - Charlottetown (Malpeque Rd)	0.545					0.545		
Route 2 – Charlottetown/Milton Station	2.590			2.190		2.590		
Route 2 - Kensington (Victoria Street Storm Sewer) <sup>3</sup>	0.810					0.801	0.810	
Rte 2 - Milton Station/ Springvale	2.270			2.270		2.207		
Route 2 - Norboro	1.600			1.600		1.600		
Route 2 - Pleasant Valley	2.000			2.000		2.000		

Location	Kms	Grade	Gravel Base	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	New Pavement
Route 2 - Springhill	1.400			1.040		1.400		
Route 2 - St. Peter & St. Paul/ Tignish	3.300			3.300		3.300		
Route 2 - West Devon	1.100			1.100		1.100		
Route 2 - Woodvale/ St. Peter & St. Paul	1.350			1.350		1.350		
Route 6 - Brackley Beach/ Oyster Bed	5.020					5.020		
Route 6 - Cymbria/North Rustico	7.160					7.160		
Route 12 - Cascumpec/Fortune Cove	5.920					5.920		
Route 12 - Miscouche (North)	0.775					0.775		
Route 12 - Miscouche (South)	1.410			0.990		1.410		
Route 13 – Cavendish <sup>4</sup>	0.900			0.900	0.695	0.900		
Route 143 - Woodstock/ Howlan	2.000			2.000		2.000		
Route 152 - St. Louis	0.350			0.350		0.350		
Route 226 - Darlington	1.300			1.300		1.300		
Slemon Park Drive and Cannon Drive	1.170			1.170		1.170		
West Point Revetment Wall <sup>5</sup>	0.100							
Route 1 – Crapaud Pipe Bore <sup>6</sup>	0.026							
<b>Total</b>	<b>74.472</b>	<b>0.549</b>	<b>0.549</b>	<b>31.52</b>	<b>1.2440</b>	<b>74.042</b>	<b>1.359</b>	<b>0.250</b>

Notes: 1 - The Rocky Point Wharf was demolished and stabilized with R100 rock.

2 - Involved the installation of a water main and roadway culverts.

3 - Involved the installation of storm sewer, catch basins, concrete curb and concrete sidewalk.

4 - Involved the installation of storm sewer, catch basins and concrete curb.

5 - Involved the installation of a concrete block wall, geotextile fabric, bedding stone, armor stone.

6 – Involved boring a pipe through the existing roadbed.

### Eastern Region – Highways and Bridges

Location	Kms	Grade	Gravel Base	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	New Pavement
Rte 3 - Georgetown	3.610	0.800	0.800	3.610		3.610	0.800	
Rte 1 – Mount Albion	1.100			1.100		1.100		

Location	Kms	Grade	Gravel Base	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	New Pavement
Rte 21 – Mount Herbert/ Mermaid	1.520				1.520	1.520		
Rte 22 – Pisquid East/ Peake's	2.000			2.000		2.000		
Marion Drive Connection - Stratford	0.300	0.300	0.300		0.300	0.300		0.300
Rte 24 & 315 - Caledonia Roundabout	0.800	0.800	0.800		0.800	0.800	0.800	
Rte 2 – Fortune Bridge	2.500			2.500		2.500		
Rte 3 - Summerville	3.850			3.850		3.850		
Rte 3 – West St Peters	2.500	0.180	0.180	2.500	0.180	2.500		
Rte 2 – Tracadie Cross	1.800					1.800		
Rte 2 – Canavoy	1.100			1.100		1.100		
Rte 1 - Hazelbrook	1.500	0.600	0.600		0.600	1.500		0.600
Douses' Rd - Montague	0.800			0.800		0.800		
Rte 15 - Brackley	1.500			1.500		1.500		
Rte 2 – St Peter's Rd Structure Widening <sup>1</sup>	0.460	0.460	0.460	0.460	0.460	0.460	0.460	
CPHWY & St Peters Rd Intersection	1.450	1.450	1.450	1.450	1.450	1.450	1.450	
MacKinnon Drive Extension <sup>2</sup>	0.800	0.800	0.800		0.800	0.800	0.000	0.800
Rte 1 – TCH Stratford 2018 CO <sup>3</sup>	2.200	2.200	2.200	2.200	2.200	2.200	2.200	0.500
Scotchfort First Nations	0.340	0.340	0.340					

Location	Kms	Grade	Gravel Base	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	New Pavement
Brudenell Shore Protection	0.630	0.630						
<b>Total</b>	<b>30.760</b>	<b>8.560</b>	<b>7.930</b>	<b>23.070</b>	<b>8.310</b>	<b>29.790</b>	<b>5.710</b>	<b>2.200</b>

Notes: 1 - Route 2 St. Peter's Rd Structure Widening began in fall of 2020 and was not complete until 2021.

2 – MacKinnon Dr Extension was started in 2019 and completed in 2020.

3 – Rte 1 – Stratford 2018 Carry Over was completed in 2020.

## Materials and Soils Section

### Asphaltic Concrete

A total of eight asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 375,836.80 tonnes of asphaltic concrete was produced in 2020. This included binder course, surface course, levelling course and maintenance mixes.

Daily inspection was carried out at each of the eight plants to control the quality of the mix produced. A total of 633 asphalt mix samples were collected and analyzed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 593.74 tonnes of asphalt mix produced. A total of 398 cores were removed from the contracts to determine compliance with compaction and thickness requirements.

### Aggregates

The use of local aggregates was limited to blend sands. The type and amount of testing carried out to ensure the quality of the aggregates is noted below:

Type of Test	No. of Tests
Sieve Analysis Aggregate	452
Sieve Analysis Extractions	638
Specific Gravity	52
Soundness	15
Abrasion	12
Crush Count	12
Sand Equivalent	15
Flat & Elongated Particles	10
Uncompacted Voids Fine Aggregate	6
Micro-Deval	28

In addition, five Marshall mix designs completed to determine aggregate proportions and optimum asphalt cement contents. Also, 13 stripping tests were completed to determine the extent of stripping from the various aggregate sources, including stripping tests done on plant samples taken from each contract.

## **Asphalt Cement**

Asphalt cement specification compliance testing was performed on Performance Grade 58S-28, and Polymer Modified 58H-28 asphalt cement. A total of seven Specific Gravity samples were tested.

## **Soils and Granular**

Soils testing dealt mainly with granular base course and select borrow. Tests carried out on these materials included sieve analysis, moisture-density relationship, specific gravity and degree of compaction. A total of 239 samples were processed during the year.

<b>Type of Test</b>	<b>Number of Tests</b>
Sieve Analysis	239
Moisture-Density	25
Compaction Test	1004
Specific Gravity	7

## **Ice Control**

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Highway Maintenance Division for ice control. The services included calibrations of sand blenders, on site monitoring and production sampling from both the blenders and from stockpiles. A total of 386 samples were processed for gradation testing.

## **Subsurface Investigation**

The continued use of the Lab's mobile drilling unit permitted comprehensive sub-grade investigations to be carried out. A total of 352 samples were obtained from 20 different projects. Gradation analysis and in situ moisture contents were determined for all samples. In addition, 39 Atterberg limit tests, 30 hydrometer analyses, and 53 organic indicator tests were also completed.

## **Concrete**

Testing and inspection services were provided for the following Concrete Projects:

- Caledonia Roundabout
- Displaced Left Turning Lane
- Granville Street Roundabout
- Gunn's Bridge - Structure Replacement
- Hillsborough Bridge
- Hunter River Bridge - Structure Replacement
- Hillsborough Bridge - Active Transportation Trail
- Iris Bridge - Structure Replacement
- Oyster Bed Bridge - Structure Replacement
- Iris Bridge - Structure Replacement
- Route 2 - Kensington (Victoria Street Storm Sewer)
- Kildare Capes Bridge - Structure Replacement
- MacKinnon Drive Extension
- North St. Eleanor's Bridge - Structure Replacement
- Old Post Road Bridge - Structure Replacement
- Old Route 2 - Temporary Bridge
- Oyster Creek Bridge - Structure Replacement

- Route 13 - Cavendish
- Springvale Bridge - Structure Replacement
- Stratford Roundabout
- St Roch Bridge - Structure Replacement
- TCH Extension Seal - Skate Board Park
- Crapaud Bridge - Structure Replacement

A total of 564 concrete test cylinders were tested for compressive strength. A total of 460 slump tests and 452 air content tests were performed. In addition, there were two sets of three mortar cubes.

### Profilograph

The High-Speed Inertia Based Profilograph was employed to determine smoothness on a number of contracts where surface course hot mix had been applied. The NRCC, Gas Tax, New Build Canada Fund and Investing in Canada Infrastructure Program route sections were tested to determine smoothness. A price adjusted smoothness specification was implemented on selected contracts.

### Bridges

Bridge construction is shown in the Eastern and Western Regions Highway and Bridge Projects tables located elsewhere in this report. The following is a list of bridges (province-wide), and the work carried out by the Department or on its behalf:

Bridge	Work Completed
Maintenance Rte. 60387, North Lake (K1-043)	Carry over work (asphalt)
Rte. 152 Ebbsfleet (AP-079)	Structure replacement
Maintenance Rte 40268, St. Roch (P1-078)	Structure replacement
Rte 240, Gunn's (Q1-030)	Structure replacement
Rte 316 – Whim Road (AK-015)	Structure replacement
Maintenance Rte. 502060, Old Post Rd (Q1-049)	Design, tender, structure replacement, asphalt
Rte. 2, Hunter River (Q2-014)	Design, tender, structure replacement, asphalt
Rte. 12, Kildare Capes (P1-039)	Design, tender, structure replacement, asphalt
Rte. 6, Oyster Bed (Q2-018)	Design, tender, structure replacement, asphalt
Rte. 246, Kelly's Cross (AQ-156)	Structure replacement
Rte. 202, Iris (K4-054)	Design, tender, structure replacement
Rte 13, Crapaud (Q1-052)	Design, tender, structure replacement
Rte. 324, Alliston/Glenwilliam (K4-029)	Geotechnical investigation, topographical survey, design.
Rte 12, Oyster Creek (P1-009)	Geotechnical investigation, topographical survey, design, tender, structure replacement, asphalt
Rte. 22, St. Theresa (K3-065)	Geotechnical investigation, topographical survey, design.
Maintenance Rte 50263, Springvale (Q2-109)	Geotechnical investigation, topographical survey, design, tender, structure replacement, asphalt
Rte 2, Springvale (Q2-042)	Geotechnical investigation, topographical survey, design, tender, structure replacement, asphalt

Bridge	Work Completed
Rte 12, North St Eleanor's (P3-020)	Geotechnical investigation, topographical survey, design, tender, structure replacement, asphalt
Maintenance Rte. 40164, Gorman Lane (P2-009)	Geotechnical investigation, topographical survey, design, tender, structure replacement.
Rte. 239, Millvale (Q1-036)	Geotechnical investigation, topographical survey, design, tender
Morell Confederation Trail (K0-002)	Geotechnical investigation, topographical survey, design, tender
TCH Stratford Pedestrian Bridge Overpass (Q3-074)	Structure coating (Paint)
Rte. 13, New Glasgow (AQ-107)	Design, tender
Rte. 16, Chepstow (K1-031)	Design, tender
Rte. 12 – Roxbury (AP-058)	Geotechnical investigation, topographical survey, design, tender
Rte. 11, North Enmore (P2-038)	Geotechnical investigation, topographical survey
Rte. 143, Coughlin Rd (P1-093)	Geotechnical investigation, topographical survey
Rte. 10, Tryon (P4-001)	Geotechnical investigation, topographical survey
Maintenance Rte. 60098, Grove Pine Rd (K5-001)	Geotechnical investigation, topographical survey
Rte. 105, Cabot Park (P3-009)	Geotechnical investigation, topographical survey
Rte. 12, Foxley River (P2-064)	Geotechnical investigation, topographical survey
TCH – Stratford (AQ-091)	Geotechnical investigation, topographical survey, design, tender, structure replacement
TCH Hillsborough Bridge Active Transportation Corridor (Q5-009)	Geotechnical investigation, topographical survey, design, tender, structure replacement

### Pre-cast Structure Purchase

The Department did not procure any precast concrete elements during the Fiscal Year.

### Timber Material Purchase

The Department did not procure any timber elements during the Fiscal Year.

### Bridge Inspections and Bridge Management

The Department retained several consultants (as well as our own in-house staff) to conduct detailed bridge inspections on 156 bridge structures within the Province. The detailed inspections are based on the Ontario Structures Inspection Manual (OSIM). All inspection teams were given an in-depth full two (2) week, comprehensive bridge inspection training course. The data from each bridge inspection has been entered into the Bridge Management Software. This software allows us to better manage our assets in determining where the capital budget gets allocated and which bridge structures get priority.

### Bridge Maintenance

The Bridge Maintenance Section is responsible for the ongoing maintenance of approximately 1,400 structures across Prince Edward Island. There are several types of structures within the bridge inventory:

- Multi-Plated Steel Arches
- Concrete Bridge/Timber Extensions
- Timber Boxes
- Sectional Concrete Boxes

- Steel Sheet Piling Bridges
- Timber Pile Bridges
- Steel Pile Bridges
- Corrugated Steel Pipes
- Timber Crib Bridges
- Timber Catch Basins
- Timber Driveway Boxes
- Concrete Span Bridges
- Steel Span Bridges

Bridge Maintenance is comprised of four work crew categories that ensure the integrity of structures:

### **Inspection Crew**

The crew operates on a 3-year schedule rotating between the 3 counties inspecting approximately 400-500 smaller structures each season.

### **Bridge Yard Inventory Crew**

The bridge yard inventory crew is responsible for inventory control for the materials being sent to the various projects across the Island.

### **Boom Truck Crew**

The boom truck crew is responsible for transporting the construction materials to the maintenance crews and construction sites.

### **Construction Crew**

Six crews are responsible for the yearly maintenance work carried out by the Bridge Section. The Bridge Maintenance Section also assists other agencies in achieving their objectives:

- improving fish passages by installing baffles within structures
- protection of stream banks by the placement of gabion baskets
- the creation of fish habitat by installing natural bottoms in some of the structures

### **Bridge Management**

Duties include overseeing and organizing the schedules of the Bridge Maintenance Staff.

### **Highway Design**

The Transportation, Infrastructure and Energy Design Section provided the following services during the fiscal year:

- Preliminary planning, detailed design, issued for review, tender, and construction drawings
- Additional delivery of construction layout information to TIE surveyors
- Pre-tender estimates, and post-construction quantities
- Road design assistance for several in-house bridge replacement projects

On multiple projects, the design section also worked in liaison with private sector consultant design teams on preliminary planning and design, design revisions and aiding in delivering construction layout information to TIE surveyors and field crews. All incoming electronic survey data was reduced and verified in the Highway Safety Section for accuracy, prior to preparing further design work.

## Highway Design Projects

Route	Area of Design Work Done
Route 1 - Trans Canada Highway	<p>Stratford Roundabout: Design revisions on Mason Rd</p> <p>Stratford Active Transportation (AT) Trail Extension - Dale Drive to Kinlock Rd – Detailed design</p> <p>DeSable – Left turn lane onto Old Appin Rd – Preliminary Design</p> <p>Hazelbrook Road Widening - Design coordination with consultant during planning design and construction and facilitating the delivery of design information from the consultant to TIE for the relocation of an existing climbing lane east of MacLennan Rd</p> <p>Crapaud – Rt 1 and Sherwood Forest Dr Right Turn Lane - Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE as well as in-house design revisions prior to construction</p> <p>Riverside Dr and Kensington Rd – detailed design for Intersection upgrades</p>
Route 2	<p>East Royalty – Planning and detailed roundabout design, including revisions, for two roundabouts at both Oakland Dr and Angus Dr</p> <p>East Royalty – MacWilliams Dr roundabout - Design coordination with consultant during planning and design</p> <p>West St Peter’s Left Turn Lane – Detailed design</p> <p>Gard Rd Realignment - Design coordination with consultant during planning design and construction and facilitating the delivery of design information from the consultant to TIE</p> <p>Gard Rd Left Turn Lane – Detailed design</p> <p>Springvale Structure Replacement – Detailed design of a bypass road on Old Rt 2 corridor</p>
Route 6	<p>Cavendish Storm Sewer - Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE</p>
Route 11	<p>Linkletter Rural Roundabout – Preliminary planning</p>
Route 13	<p>Kelly’s Cross – Vertical realignment for improved sight distance - Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE as well as detailed in-house design revisions for construction</p>
Route 24 and 315	<p>Caledonia Rural Roundabout - Planning and detailed final roundabout design, including revisions for construction</p>
Route 224	<p>Wheatley River Mini Roundabout – detailed final design</p>
Main Street, Cornwall	<p>Mercedes Drive Extension – Design revisions for construction</p> <p>Jessie Street Extension - Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE</p>
Miscellaneous	<p>Brudenell Shoreline Protection – Planning and design</p> <p>Main Street Souris – Cross section design for pedestrian walkway</p> <p>Cape Rd Park Corner – Vertical realignment for improved sight distance – Detailed design</p>

Route	Area of Design Work Done
	<p>Scotchfort – Miti Road Extension -Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE</p> <p>Central Bedeque Linkletter Rd Storm Sewer and Widening - Design coordination with consultant during planning and design and facilitating the delivery of design information from the consultant to TIE</p> <p>Roadway vertical profile checks for various bridge structure replacement projects</p> <p>Vertical profiles and sight distance checks at various existing and proposed access locations</p> <p>Sand Pile Volume Calculations</p> <p>Post-Construction excavation volumes and other quantity calculations for various 2019 construction projects</p> <p>Pre-tender estimates for all design projects</p> <p>Horizontal centerline geometry and paint line layouts for various cold plane, level, and seal projects</p>

## **Traffic Control**

### **Eastern Region Traffic Operations**

#### **Highway Signage**

Installation and maintenance of highway signs were carried out by one full-time sign crew based out of Bridgetown, two full-time and one part-time sign crews based out of Charlottetown. In addition to highway signs, the crews were responsible for the installation and maintenance of the Tourism Direction Signage, 911 signage, signing detours, Covid-19 testing and regulation signs as well as some construction signage. Multiple requests for Speed Radar Feedback signs were received and available units were installed where the greatest needs were determined.

#### **Tourism Directional Signs**

Administration of Tourism Directional Signs was carried out by the Department of Economic Development and Tourism. Sign orders were passed on to the provincial sign shop in Tignish and after manufacture, were installed by the regional sign crews. There were 2 new signs manufactured for new clients and 3 signs that were damaged or faded were replaced. There were 4 signs removed for clients who are no longer in the program.

#### **Highway Marking**

Centerline marking was applied to approximately 3800 km of existing highway by the centerline striping machine based out of Charlottetown. In addition to centerline marking, 65 kilometers of new construction was pre-marked and painted. Shoulder lines and lane lines were applied to 461 kilometers of arterial highway. Edge lines were painted on approximately 95 kilometers of Collector Highways. Department crews also painted streets in the Cities of Charlottetown and Summerside, the Confederation Bridge, and Parks Canada. Intersections in the region were re-painted by the intersection marking crews, based out of King's County and Queen's County. Permanent markings were applied to some major intersection as part of capital upgrades. Raised pavement markings were installed on some newly paved sections of Arterial Highway.

### **Highway Lighting**

Maintenance of highway lighting was carried out by Hansen Electric in Queen's County and by Foster Campbell Electric Ltd. in King's County. Area lighting was improved in the region by continuing the installation of LED fixtures, replacing high pressure sodium fixtures within the Province. New LED lighting was also installed at the newly designed intersection at St. Peter's road and the by-pass arterial highway to improve the safety at the Displaced Left intersection. Lighting was also upgraded and added to the Hillsborough Bridge as part of the new active transportation path development. New lighting was installed at the roundabout in Caledonia. New rapid-flashing beacons were added to various crosswalks to increase visibility of the pedestrians. Flashing beacons and lighted barricades were used for detours and in advance of some major highway construction projects.

### **Access Control**

Applications for Entrance Way Permits on Arterial and Seasonal Highways were processed as well as stopping sight distance assessments for new dwellings and commercial operations. Fees were collected for the installation of new entrance ways for new dwellings and agricultural use.

## **Western Region Traffic Operations**

### **Highway Signage**

Western Region has two full time sign crews based in Alma and Summerside for the installation and maintenance of highway signage. In addition to highway signs they also are responsible for installation and maintenance of Tourism Directional Signage, 911 Signage. Setup and dismantle Signage for detours when required, Placement of Message Boards/Arrow Boards and some construction signage. Theft is an issue in many areas in regard to both Private and Public road names.

### **Tourism Directional Signage**

Tourism directional signage is carried out by Department of Economic Development and Tourism. Sign Orders for signage are passed forward to our Provincial Sign Shop in Tignish. Upon completed sign they are installed by our regional crews. There were 16 new signs manufactured for new clients also 5 patched for changes in regards to locations and 2 replaced due to faded or damaged. There were no signs removed due to no longer in system.

### **Highway Marking**

Centerline marking was applied to approximately 800 km of existing highway by the centerline striping machine based in Charlottetown. Shoulder/Edge lines were painted on approximately 270 km of highway some areas the shoulder lines were double wide to act as traffic calming (Reduce Speeding). Center line and shoulders were applied for 32 km of new construction plus 60 km of maintenance recap. Intersection marking were applied by intersection marking crews based in Summerside. Permanent markings were applied to some major intersections as per capital upgrades. The installation of raised markers continues in some areas to enhance pavement markings on highways.

### **Highway Lighting**

Maintenance of highways lighting is carried out by Hanson Electric in the Western Region. Area lighting is still in process of complete change over to LED fixtures. Message boards/Arrow boards are constantly used for highway construction.

### Access Control

Applications for Entrance Way Permits on Arterial and Seasonal Highways are processed as well as stopping sight distance under highway access regulations assessments for new dwellings and commercial operations. Fees are collected for installation of new entranceways for new dwellings and agricultural use.

### Provincial Sign Section

The Sign Shop continued to produce highway signage for the Island. The Sign Shop has two full-time classified positions. There is one full-time casual position, and a rotation of five other casual employees, as well as a rotation of two casual employees that fill one position in the Carpentry Shop area. The following three tables provide totals of signage produced:

#### Signage Type, by County

Type	Prince County	Queens County	Kings County
Directional	19	34	56
Extruded signage	2		27
Public Road Names	172	35	42
Private Road Names	22	24	35
Regulation and Warning	505	162	213
Route Assemblies	8	40	90
Community	19	20	20
TDS (new)	28	22	15
TDS (replacements)	5	3	3
Construction	<u>69</u>	<u>21</u>	<u>33</u>
<i>Subtotal</i>	849	361	534

#### Un-invoiced Signage within Department

Signs sent to Charlottetown Stock	1531
Construction Signs sent to Charlottetown Stock	618
Specialty Signs within Department	88
Covid-related signs	125
Body Shop Decals	87
Public Works Name Plates	277
Public Works Other Signage	<u>23</u>
<i>Subtotal</i>	2,749

#### Invoiced Signage

Other Departments	942
Public Works signs (and smaller vinyl stickers)	66
TIE Maintenance	264
TIE Maintenance Decals	2507
Bus Depot Decals	344

Rails to Trails	768
Rails to Trails Delineators	2200
Parks Canada	24
Municipalities	187
Construction	91
Other Companies	<u>38</u>
<i>Subtotal</i>	7,431

### Provincial Signage Totals

Prince County	849
Queens County	361
Kings County	534
Un-invoiced signs	2749
Invoiced signs	<u>7431</u>
<b>Total</b>	<b>11,924</b>

### Mapping and Geographic Information System (GIS-T)

In the fiscal year of 2020/21, the Mapping and GIS-T section was involved in several on-going and new initiatives. There were two staff members assigned to work in this area during this reporting time. The department manages its centerline data using national standards, and annually submits a copy to the Federal Government. Pavement roughness data for 2020 was formatted for incorporation into the system, in addition to the 2019 highway paving projects, highway alignment changes and traffic count data. Also, a visual surface distress survey was completed on the high-volume traffic network.

### Online mapping

All the department's online mapping applications were moved to the new enterprise GIS account. Additional account memberships were created to allow more staff access to internal GIS data. Additional work needs to be completed to fully implement the enterprise system across government. Ongoing online work also included the following projects:

- A new edition of the Provincial Road Atlas was prepared this year. Updates since 2014 were included along with additional layers of information. Maps in book form are still used regularly within the department and it is planned that the atlas will be updated on five-year intervals
- The GIS section assisted in a Rural Broadband Internet Initiative with extensive data and map development taking place through various stages of the project
- Involved in mapping for proposed Active Transportation Projects
- Site plans and trail maps for Recreational Trail Development
- Winter Maintenance Mapping is an annual exercise for the GIS Section. All government operator and contracted routes are updated each season and online maps continue to be used by plow dispatchers and checkers via desktops and mobile devices.

Note: Paper maps are still prepared for planning, contract and record keeping purposes.

### Mapping and Data Analysis services

The GIS-T section performed mapping and data analysis services for the Department and associated agencies. Some examples of typical mapping requests, are listed below:

- Presentation and proposal maps
- Maps for reports
- District and work zone maps
- Tender and construction location maps
- Property and site contour maps
- Hydrographic and watershed maps
- Infrastructure and facilities maps
- Aerial imagery and base maps

## HIGHWAY MAINTENANCE DIVISION

The Highway Maintenance Division provides a full range of operation and maintenance services on the entire provincial highway system. The Division is organized by function into sections and work units:

- Provincial Headquarters
  - o Central management functions, program development, budgeting, inventory control, bulk purchasing and contract preparation.
  - o Technical services relating to standardized policy and procedure for work crews, as well as staff training and development.
- Highway Maintenance and superintendence of all provincially-owned roads across the Province:
  - o Pavement surface maintenance
  - o Roadside maintenance
  - o Drainage and storm water
  - o Unpaved roads
  - o Dust control
  - o Snow and ice control

The maintenance of bridges, signage, pavement marking and traffic control devices are provided by other divisions of the Department. Supply, maintenance and general management of a large fleet of heavy equipment and light vehicles is work done by the Mechanical Branch of the Eastern, Central and Western Region Facilities. Included is the provision of skilled operators and equipment operations.

### Confederation Trail

Maintenance and superintendence of all maintenance carried out on 444 kilometers of the former CN rail corridor (Confederation Trail) includes the following services: Vegetation control; Culvert replacements and repairs; Ditching; Surface maintenance; Shoreline protection; and, Grass cutting.

Confederation Trail - Service	Totals
Brush Cutting	285.20

<b>Confederation Trail - Service</b>	<b>Totals</b>
Culvert Replacement	630
Vegetation Control	444 km
Ditching	267 m
Painting of Handrails and Guardrails	4,600
Groom and Resurface and add New Gravel	27,745 meters

The maintenance of bridges is provided through the Department's Bridge Maintenance section.

## Materials

### Polyethylene Drainage Pipe

During the year, polyethylene drainage pipe was purchased, and installed in various locations throughout the Province. Polyethylene drainage pipe is most widely used based on cost, ease of handling and durability. Soleno Inc. was awarded the contract for supplying the polyethylene drainage pipe. The total value of polyethylene drainage pipe purchased by the Department for its maintenance projects during the season is \$243,545.04.

The following tables present the length of corrugated steel pipe and of polyethylene pipe installed by the Highway Maintenance Division for the year:

### Corrugated Steel

<b>Pipe Diameter</b>	<b>Central Region (metres)</b>	<b>Western Region (metres)</b>	<b>Eastern Region (metres)</b>
300 mm			2.00
400 mm		3.00	
500 mm			
600 mm			
800 mm			
900 mm			
1200 mm			
<b>Total</b>	<b>0.00</b>	<b>3.00</b>	<b>2.00</b>

### Polyethylene

<b>Pipe Diameter</b>	<b>Central Region (metres)</b>	<b>Western Region (metres)</b>	<b>Eastern Region (metres)</b>
300 mm	48.77		37.00
375 mm	1,976.62	1,482.48	992.00
450 mm	1,564.54	1,310.99	890.00
525 mm	251.46		201.00
600 mm	517.55	1,101.82	618.00
750 mm	365.76	266.35	86.00
900 mm	207.26	118.89	54.00
1200 mm	73.15		15.00
1500 mm			
<b>Total</b>	<b>5,005.11</b>	<b>4,280.53</b>	<b>2,893.00</b>

During the year, the Highway Maintenance Division undertook installations of pipe in the Central, Western, and Eastern Regions of PEI:

<b>Type of Installation</b>	<b>Central Region (metres)</b>	<b>Western Region (metres)</b>	<b>Eastern Region (metres)</b>
New Installations	1,958.34	1,150.94	1,041.00
Replacement	2,176.27	2,685.33	1,008.00
Extension	123.75	38.10	82.00
Cross Culvert	655.32	597.36	703.00
Confederation Trail	91.44		9.00
Water Problems			
Relocate			52.00
<b>Total</b>	<b>5,005.12</b>	<b>4,471.73</b>	<b>2,895.00</b>

Note: Figures do not include culverts acquired and installed by Capital Projects.

### **Used Corrugated Steel Pipe**

The Division continues to follow policy developed for re-sale/re-using culverts to bridge various wood lots, farms and private home entrance ways. With the use of polyethylene pipe and the City of Charlottetown doing their own work, the availability of used pipe in acceptable condition for re-sale or reuse is becoming limited.

### **Crack Filling**

This is a process whereby a hot rubberized asphaltic compound is used to fill random cracks in the paved highway system in order to prevent water from entering into the substructure. In 2020 – 2021, the Department sealed approximately 8,560 meters of cracks, using a total of 3,150 kilograms of sealant material.

### **Technical Services**

During the year, the Technical Services Section continued to provide required training programs and developed standardized work procedures for the benefit of front-line maintenance staff. Most training has been in –house, utilizing resident expertise. In selected areas, other provincial departments (e.g. Forestry Division) and outside agencies, including Red Cross instructors, have participated. Training subject matter covered a wide range:

- Occupational Health and Safety Regulations
- First Aid and CPR
- Work Zone Safety
- WHIMIS
- Crew Orientations
- Winter Operations Orientations
- Dickey John Training/Testing
- Driver Training
- Highway Maintenance Procedures and Policies
- Crane Training
- Management and Supervisory Training

- Fork Lift Training
- Chain Saw Operation Certification
- Confined Space Training

In excess of 425 employees continue to receive training ranging from one half-day workshops to one-week sessions. The objective of these sessions is to improve awareness of safe and productive work practices.

### **Schedule of Highway Maintenance Tenders Received**

#### Route 4 Commercial Rd & Route 24 Dover Rd – April 23, 2020

Chapman Bros. Construction Ltd.	\$ 159,210.70
Island Construction Ltd.	\$ 163,802.40

#### Project #1 – Asphalt Resurfacing (Selkirk Rd, Albion Rd, Line of Lot Rd, Redhouse Rd) – April 23, 2020

Chapman Bros. Construction Ltd.	\$ 337,563.10
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#### Route 142 O’Leary Rd & Route 153 Huntley – April 23, 2020

Chapman Bros. Construction Ltd.	\$ 169,488.32
Curran & Briggs Ltd.	\$ 171,189.32

#### Route 223 Winsloe Rd – April 23, 2020

Island Construction Ltd.	\$ 117,714.16
Chapman Bros. Construction Ltd.	\$ 117,865.96

#### Route 313 Cardross Cardigan Rd – April 23, 2020

Chapman Bros. Construction Ltd.	\$ 227,722.58
Island Construction Ltd.	\$ 231,230.38

#### Project #5 – Asphalt Resurfacing (Iona Rd, Heatherdale Rd) – April 23, 2020

Island Construction Ltd.	\$ 225,827.70
Chapman Bros. Construction Ltd.	\$ 240,447.20

#### Project #6 – Asphalt Resurfacing (Greys Rd, Colville Rd, Garfield Rd) – April 23, 2020

Island Construction Ltd.	\$ 204,595.00
Chapman Bros. Construction Ltd.	\$ 219,103.00

#### Project #10 – Asphalt Resurfacing (Church Rd, Hopedale Rd, Macleod Rd, Darlington Rd, Little Bungay Rd) – April 23, 2020

Island Construction Ltd.	\$ 269,977.00
Chapman Bros. Construction Ltd.	\$ 271,606.90

#### Project #15 – Asphalt Resurfacing (Freetown Rd, Fernwood Rd, Route 112 Bedeque, Maple Plains Rd) – April 23, 2020

Curran & Briggs Ltd.	\$ 206,636.30
Chapman Bros. Construction Ltd.	\$ 211,089.70

Project #17 – Asphalt Resurfacing (Sunnyside Rd, Cannontown Rd, Goodwin Rd) – April 23, 2020

Curran & Briggs Ltd.	\$ 192,483.40
Chapman Bros. Construction Ltd.	\$ 194,576.50

Route 20 Malpeque – April 27, 2020

Curran & Briggs Ltd.	\$ 69,894.90
Chapman Bros. Construction Ltd.	\$ 72,527.40

Project #2 – Asphalt Resurfacing (Melrose Rd, Burnt Point Rd, Wharf Rd) – April 27, 2020

Chapman Bros. Construction Ltd.	\$ 226,475.80
Island Construction Ltd.	\$ 232,958.60

Project #9 – Asphalt Resurfacing (Stratford Rd, Kinlock Rd, Dale Dr, Mason Rd, Shakespeare Dr, Ducks Landing Dr) – April 27, 2020

Island Construction Ltd.	\$ 196,679.60
Chapman Bros. Construction Ltd.	\$ 209,019.80

Project #12 – Asphalt Resurfacing (Route 19 Canoe Cove, Meadowbank Rd, Candlelight Park) – April 27, 2020

Island Construction Ltd.	\$ 238,616.88
Chapman Bros. Construction Ltd.	\$ 241,384.18

Project #14 – Asphalt Resurfacing (Kelvin Rd, Mill Rd, County Line Rd) – April 27, 2020

Curran & Briggs Ltd.	\$ 271,680.00
Chapman Bros. Construction Ltd.	\$ 274,402.00

Project #18 – Asphalt Resurfacing (North Cape Coastal Dr, Richards Rd, Brae Harbour Rd) – April 27, 2020

Chapman Bros. Construction Ltd.	\$ 203,266.60
Curran & Briggs Ltd.	\$ 208,594.80

Project #7 – Asphalt Resurfacing (Brothers Rd, Beech Hill Rd, Curran Rd, Kinross Rd) – May 20, 2020

Chapman Bros. Construction Ltd.	\$ 209,932.20
Island Construction Ltd.	\$ 229,893.70

Project #19 – Asphalt Resurfacing (Kelly Rd, Mill Rd) – May 20, 2020

Chapman Bros. Construction Ltd.	\$ 172,366.10
Curran & Briggs Ltd.	\$ 175,710.60

Project #4 – Asphalt Resurfacing (St. Mary's Rd, Valleyfield Rd King's/Queen's) – May 27, 2020

Island Construction Ltd.	\$ 234,702.20
Chapman Bros. Construction Ltd.	\$ 244,887.20

Project #13 – Asphalt Resurfacing (Grahams Rd, Rattenbury Rd, New London Rd) – May 27, 2020

Island Construction Ltd.	\$ 186,346.90
Chapman Bros. Construction Ltd.	\$ 187,427.10
Curran & Briggs Ltd.	\$ 213,098.50

Project #8 – Asphalt Resurfacing (Rte 6 Tracadie, Pippy’s Rd, Mt. Herbert Rd, Birkcallum Dr, Buell Rd) – June 3, 2020

Island Construction Ltd.	\$ 357,412.40
Chapman Bros. Construction Ltd.	\$ 362,534.00

Project #20 – Asphalt Resurfacing (Route 12 Huntley/Central Kildare, Route 14 St Lawrence, Center Line Rd, Route 12 Central Kildare) – June 3, 2020

Chapman Bros. Construction Ltd.	\$ 227,056.60
Curran & Briggs Ltd.	\$ 234,197.50

Project #3 – Asphalt Resurfacing (Bangor Rd, Millburn Rd, Church Rd) – June 17, 2020

Chapman Bros. Construction Ltd.	\$ 233,285.80
Island Construction Ltd.	\$ 240,270.30

Project #11 – Asphalt Resurfacing (Route 225 North Wiltshire, Colville Rd, North York River Rd) – June 17, 2020

Chapman Bros. Construction Ltd.	\$ 238,984.55
Island Construction Ltd.	\$ 251,180.30

Project #16 – Asphalt Resurfacing (Imperial St, MacLean Ave, Sunset Dr, Stewart St, Hamilton Rd) – June 17, 2020

Curran & Briggs Ltd.	\$ 206,636.30
Chapman Bros. Construction Ltd.	\$ 211,089.70

North Lake Harbour Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 140,519.88
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Route 311 Launching Rd & Georgetown Ferry Wharf Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 165,718.60
Island Construction Ltd.	\$ 178,897.50

Route 326 Valleyfield Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 155,129.80
Island Construction Ltd.	\$ 156,624.10

Route 24 Glenwilliam/Murray River Dover Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 356,582.80
Island Construction Ltd.	\$ 369,316.40

Route 223 Winsloe South Winsloe Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 138,067.02
Island Construction Ltd.	\$ 139,408.92

Route 10 Augustine Cove Central Coastal Dr – July 29, 2020

Curran & Briggs Ltd.	\$ 111,462.52
Chapman Bros. Construction Ltd.	\$ 113,766.32

Route 110 Kelvin Grove MacIntyre Rd – July 29, 2020

Curran & Briggs Ltd.	\$ 109,391.08
Chapman Bros. Construction Ltd.	\$ 110,790.88

Route 163 East Bideford Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 91,618.90
Island Construction Ltd.	\$ 95,128.90

Route 12 Tignish/St. Felix Conroy Rd – July 29, 2020

Chapman Bros. Construction Ltd.	\$ 160,670.60
Curran & Briggs Ltd.	\$ 162,281.20

Cornwall Fernwood Boulevard – August 6, 2020

Island Construction Ltd.	\$ 46,691.20
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Route 183 MacArthur Rd – August 6, 2020

Curran & Briggs Ltd.	\$ 44,971.80
Chapman Bros. Construction Ltd.	\$ 44,994.80

Route 4 Montague Wood Islands Rd, Rte 5 Baldwin Rd & Rte 320 Victoria Cross Campbell Rd – Aug 6, 2020

Island Construction Ltd.	\$ 265,461.20
Chapman Bros. Construction Ltd.	\$ 275,594.30

Project #21 – Asphalt Resurfacing (Settlement Rd, Savage Harbour Rd, Peakes Rd) – August 13, 2020

Chapman Bros. Construction Ltd.	\$ 205,703.60
Island Construction Ltd.	\$ 228,518.20

Project #22 – Asphalt Resurfacing (Route 5 48 Rd, River Rd, Ross Rd, MacKenna Rd) – August 13, 2020

Chapman Bros. Construction Ltd.	\$ 188,813.40
Island Construction Ltd.	\$ 199,643.20

Project #23 – Asphalt Resurfacing (Dock Rd, Inkerman Rd) – August 13, 2020

Chapman Bros. Construction Ltd.	\$ 281,947.20
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Project #24 – Asphalt Resurfacing (Victoria Rd, North Tryon Cross Rd, Beach Light Rd, Boulter Loop, Norring Rd) – August 13, 2020

Curran & Briggs Ltd.	\$ 228,177.60
Chapman Bros Construction Ltd.	\$ 232,589.60

Project #26 – Asphalt Resurfacing (Old Summerside Rd, Kerrytown Rd) – August 13, 2020

Curran & Briggs Ltd.	\$ 206,699.25
Chapman Bros. Construction Ltd.	\$ 207,467.45

Project #27 – Asphalt Resurfacing (Route 11 Union Corner, Route 123 Belmont Rd) – August 13, 2020

Curran & Briggs Ltd.	\$ 171,924.40
Chapman Bros. Construction Ltd.	\$ 179,247.20

Project #28 – Asphalt Resurfacing (Buchanan Rd, Beaton Rd) – August 13, 2020

Chapman Bros. Construction Ltd.	\$ 228,844.60
Curran & Briggs Ltd.	\$ 233,615.60

Route 24 Lyndale/Bellevue Murray Harbour Rd – August 13, 2020

Chapman Bros. Construction Ltd.	\$ 427,826.90
Island Construction Ltd.	\$ 446,745.00

Project #25 – Asphalt Resurfacing (MacMurdo Rd, Nodd Rd) – August 20, 2020

Curran & Briggs Ltd.	\$ 130,944.00
Chapman Bros. Construction Ltd.	\$ 133,597.20

Route 4 Peters Rd/ St. Mary's Rd Commercial Rd – August 20, 2020

Island Construction Ltd.	\$ 237,587.90
Chapman Bros. Construction Ltd.	\$ 250,447.30

Route 12 Cascumpec (Cascumpec Road) – August 20, 2020

Chapman Bros. Construction Ltd.	\$ 219,064.00
Curran & Briggs Ltd.	\$ 221,322.40

Route 320 Brothers Rd – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 243,784.40
Island Construction Ltd.	\$ 249,520.90

Route 270 McInnis Point Rd – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 326,972.40
Island Construction Ltd.	\$ 341,917.60

Route 212 Glencoe Rd – August 27, 2020

Island Construction Ltd.	\$ 215,923.50
Chapman Bros. Construction Ltd.	\$ 221,349.50

Route 260 Corrigan Rd – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 188,614.90
Island Construction Ltd.	\$ 194,749.80

Route 239 Trout River Rd – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 223,698.10
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Metheral Road – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 207,242.00
Curran & Briggs Ltd.	\$ 219,386.00

Nail Pond Shore Road – August 27, 2020

Chapman Bros. Construction Ltd.	\$ 146,077.10
Curran & Briggs Ltd.	\$ 149,843.95

Route 233 County Line Rd – September 3, 2020

Curran & Briggs Ltd.	\$ 284,384.00
Chapman Bros. Construction Ltd.	\$ 286,634.50

Route 243 Buntain Rd – September 3, 2020

Island Construction Ltd.	\$ 115,928.40
Chapman Bros. Construction Ltd.	\$ 117,387.05

Village Green Road – September 3, 2020

Island Construction Ltd.	\$ 88,896.60
Chapman Bros. Construction Ltd.	\$ 92,795.00

Bradford Road – September 3, 2020

Curran & Briggs Ltd.	\$ 337,926.00
Chapman Bros. Construction Ltd.	\$ 344,922.00

Josie Shang Road – September 3, 2020

Chapman Bros. Construction Ltd.	\$ 75,653.00
Curran & Briggs Ltd.	\$ 80,178.00

Hazeltown Road – September 10, 2020

Chapman Bros. Construction Ltd.	\$ 168,219.60
Island Construction Ltd.	\$ 172,673.60

Christopher Road – September 10, 2020

Chapman Bros. Construction Ltd.	\$ 176,480.80
Curran & Briggs Ltd.	\$ 180,105.80

Georgetown East St & Cardigan Victoria St – September 10, 2020

Island Construction Ltd.	\$ 54,077.80
Chapman Bros. Construction Ltd.	\$ 56,055.40

Loane Road – September 10, 2020

Island Construction Ltd.	\$ 197,387.60
Chapman Bros. Construction Ltd.	\$ 201,934.60

Toronto Road – September 10, 2020

Island Construction Ltd.	\$ 171,168.40
Chapman Bros. Construction Ltd.	\$ 171,335.00

Emerald Mill Road – September 17, 2020

Chapman Bros. Construction Ltd.	\$ 97,604.85
Island Construction Ltd.	\$ 104,234.85

Salutation Cove Road – September 17, 2020

AJL. Ltd.	\$ 76,443.60
Duffy Construction Ltd.	\$ 85,593.60

Long River Wharf Road – September 17, 2020

Island Construction Ltd.	\$ 255,745.00
Curran & Briggs Ltd.	\$ 290,037.60
Chapman Bros. Construction Ltd.	\$ 282,916.60

Sou'West Road – September 17, 2020

Chapman Bros. Construction Ltd.	\$ 219,109.60
Curran & Briggs Ltd.	\$ 222,719.60

Maglorie Gallant Road – September 17, 2020

Chapman Bros. Construction Ltd.	\$ 111,920.40
Curran & Briggs Ltd.	\$ 119,188.40

Millboro Road – September 17, 2020

Chapman Bros. Construction Ltd.	\$ 273,361.90
Island Construction Ltd.	\$ 328,812.50

Route 142 Knutsford (O'Leary Road) – February 25, 2021

Chapman Bros. Construction Ltd.	\$ 93,473.60
Curran & Briggs Ltd.	\$ 95,021.60

Route 10 Augustine Cove & Route 10 North Carleton – February 25, 2021

Curran & Briggs Ltd.	\$ 210,843.00
Chapman Bros. Construction Ltd.	\$ 221,942.20

Route 19 Meadowbank (Meadowbank Road) – February 25, 2021

Island Construction Ltd.	\$ 262,235.55
Chapman Bros. Construction Ltd.	\$ 268,517.00

Route 21 Glenfinnan (Fort Augustus Rd) & Route 223 Winsloe South (Winsloe Rd) – February 25, 2021

Island Construction Ltd.	\$ 199,419.20
Chapman Bros. Construction Ltd.	\$ 204,940.50

Route 322 Green Meadows (Green Meadows Road) – February 25, 2021

Island Construction Ltd.	\$ 78,184.50
Chapman Bros. Construction Ltd.	\$ 79,356.10

Route 5 Head of Cardigan (48 Road) – February 25, 2021

Island Construction Ltd.	\$ 219,822.40
Chapman Bros. Construction Ltd.	\$ 221,264.20

Route 18 Murray River (Cape Bear Road) – February 25, 2021

Island Construction Ltd.	\$ 118,581.00
Chapman Bros. Construction Ltd.	\$ 121,040.40

Route 13 Hartsville (Dock Road & Hopedale Road) – February 25, 2021

Chapman Bros. Construction Ltd.	\$ 833,664.20
Island Construction Ltd.	\$ 861,503.70

**Highway Maintenance Activities****Eastern Region****Summer Maintenance**

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of 38,347.32 tonnes was used by the branch for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operation and capital maintenance budget. Hand patching crews spread 2,555.24 tonnes. Private contractors supplied/placed 35,792.08 tonnes of asphalt over 44.99 kilometres.

Supplier	Tonnes
Island Construction	9,744.73
Chapman Brothers	28,602.59
<b>Total</b>	<b>38,347.32</b>

**Resurfacing**

The following roads were resurfaced by private contractors through supply and place contracts, resurfacing approximately 44.99 kilometres:

**Kings Zone K-1**

Road Name	Kms
Line of Lot Road #60141	1.48
Rte 327 – Albion Rd	1.02
Redhouse Rd	0.81
Rte 309 – Selkirk Rd	1.10
North Lake Harbour Rd	2.0
<b>Total Kms</b>	<b>6.41</b>

**Kings Zone K-2**

Road Name	Kms
Rte 322- Green Meadows (Green Meadows Rd)	1.03
Bangor Rd - Rte 321	0.99
Church Rd – Rte 331	1.01
Milburn Rd – Rte 337	1.03
Settlement Rd	0.90
<b>Total Kms</b>	<b>4.96</b>

**Kings Zone K-3**

Road Name	Kms
Rte 5 – Head of Cardigan (48 Rd)	0.96
Cardigan Rd	3.17
Curran Rd	0.23
Brothers Rd	0.81
Burnt Point Rd	1.23

**Kings Zone K-4**

Road Name	Kms
Valleyfield Rd – Rte 326	1.00
Heatherdale Rd	2.00
St Mary's Rd	1.00
Rte 4 – Wood Island Rd	0.75
Campbell Rd	1.60

Road Name	Kms
Melrose Rd	1.05
Wharf Rd – Newport	0.87
Launching Rd Rte 311	1.60
Rte 5 – Baldwin Rd (48 Rd)	1.00
Ferry Wharf Rd	0.80
Brother's Rd North	1.50
East Street – Georgetown	0.11
Victoria St – Cardigan	0.21
Peake's Rd	0.64
<b>Total Kms</b>	<b>14.18</b>

Road Name	Kms
Rte 326 – Valleyfield Rd	1.00
Rte 4 – St. Mary's Commercial Rd	2.00
Loane Rd	1.20
Rte 24 – Murray River (Dover Rd)	1.00
Rte 4 – Murray River (Commercial Rd)	1.07
Grey's Rd	1.00
Rte 4 – Peters Rd (Commercial Rd S)	1.12
Rte 24 – Glenwilliam Murray River (Dover Rd)	4.70
<b>Total Kms</b>	<b>19.44</b>

### Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 686.45 kilometres were cut. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

### Road Maintenance

During the year, seven graders in the county carried out grading services on the unpaved road network (grading approximately 1,490.74 kilometres of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material. Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

SANDSTONE (t)	GRAVEL (t)	ROCK (t)
11,960	15,662	137

Sandstone and/or gravel was placed as a new surface material and new culverts, driveway or cross pipes were installed as required. On the paved road network, a number of drainage problems were corrected. Equipment used to carry out this work included department or privately-owned ditching machines and trucks. New culverts were installed as required. The amount of culvert material installed in the Eastern Region can be found under the section Polyethylene and Corrugated Steel Drainage Pipes.

### Guardrail and Roadside Maintenance

Various crews are utilized periodically within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone

### Grass Cutting

The Division cuts grass on approximately 1,500 kilometres of road in the Eastern Region. One private grass cutter, equipped with a rotary mower, maintains 162 kilometres of roadside grass. This contractor was contracted to cut grass from the middle of June until the end of September. In addition, three department owned farm tractors equipped with rotary movers and side cutter attachments, were utilized for roadside grass cutting on the balance of approximately 1,338 kilometres throughout the Eastern Region.

## Shoulder Material

During the past year, shoulder material was used to upgrade and repair worn out sections of shoulders.

## Dust Control

Maintenance crews used 205 twenty-kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid Magnesium was used for dust control and stabilization on gravel roads only. A total of approximately 94,114 litres was used to treat approximately 77.3 kilometres of road.

## Summer Highway Maintenance - Kings County Zones

<b>Kings Zone K-1</b>	<b>In Kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Basin Head (Kingsboro)	0.085					
Big Pond					0.040 unp	0.100
Bull Creek N		0.700				
Bull Creek S		0.100				
Chad Road						0.040
Chepstow Rte 16		0.360				
East Lake						01.00
Fortune River		0.300				
Fountain Head						0.025
Glen Rd						0.040
Gowan Brae		0.030				
Grant	0.030	0.020				
Greenvale		1.600				
Harmony Rd						0.030
Hermitage Rd		0.300		0.300		
Howe Point		0.200				
Hughie Joseph		0.400	0.200	0.30	0.280 unp	
Johnston		0.150				
Kingsboro Rte 16		0.150				0.100
Kitson		0.050				
Lakeville (North Side)		3.00				
Line of the Lot		0.400				
Little Harbour		1.100				
Lower Rollo Bay	0.040	0.025		0.060	0.040 p	
Manning		0.500				
Michle Macum Rd		0.030				
Middle Tarantum				0.400		
Munn's		0.030				0.100
New Harmony				0.210		1.200
New Zealand		0.070				0.040
North Side Rd (North Lake)		0.060				0.200
Paddy						0.100

Park		0.800				
Pensioners						1.000
Red House						
Red Point						
Red Point Park Rd						
Selkirk Rd		0.250				
Sheehan Rd		0.030				
Snake Rd					0.060 p	
Souris Line		0.300				
Souris River		0.060				
South Lake	0.060					
<b>Totals</b>	<b>0.215</b>	<b>11.015</b>	<b>0.200</b>	<b>1.270</b>	<b>0.420</b>	<b>3.975</b>

<b>Kings Zone K-2</b>	<b>In Kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Anderson		0.800				
Bangor					0.150 p	0.040
Barr		0.050				0.025
Brothers Rd		0.060				
Cable Head West		0.100				
Curtis Road		0.060				
Dundee Rd					0.300 p	
Farmington (Rte 2)				0.450		
Goose River Road		0.500				0.070
Green Meadows						0.250
Grimley Rd		0.030				
Indian Bridge Rd					0.600 unp	0.050
Kenny Road		0.060				
Kenovan		0.300	0.300	0.000	0.300 unp	
Lakeside Road		0.020				
Larkins Mills Rd						
Lighthouse Road		0.100				
Little River Rd						
Lot 40		0.400				
MacDonald Rd	0.060					
MacEwen		0.050				
MacEwen/Dundee Intersection						0.025
MacLaren		0.200				
MacLeod					0.500 p 0.200 unp	
MacSwain		0.007			0.070 unp	
Milburn Rd					0.050 p	
Mt. Hope	0.020	0.060				

<b>Kings Zone K-2</b>	<b>In Kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Morell East		0.030			0.050 unp	
Old Lakeside Rd						
Old Queen's Rd						
Old Store Rd						
Perry Rd						
Pinetree Lane	0.070					
Pratt Rd		0.050				
Rte #16 Northside Rd						0.070
Rte #22, Mt. Stewart Rd					0.100 p	0.250
Red Head		0.020				
River Rd		0.040				
Scully Rd		0.030				
Settlement Rd		0.035				0.080
Shielding Rd		0.020				
Shore Road		0.040				
Skunk Rd		0.100				
St Patrick's Road		0.040				0.060
St Peter's Harbour						0.050
Turrett Bell Rd		0.800			0.800 unp	
West St. Peter's Rte 2		0.400				
Whitty Rd		0.007				
Upton Road		0.150				
Whitty Rd	0.700					
Windon						
<b>Totals</b>	<b>0.85</b>	<b>4.559</b>	<b>0.300</b>	<b>0.450</b>	<b>3.120</b>	<b>0.97</b>

<b>Kings Zone K-3</b>	<b>In Kilometres</b>				
<b>Road Name</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Brother's Rd			0.80		
Burnt Point	0.55				
Campbell Rd (St Teresa's)	0.01				
Curran			0.02		
East Royalty Rd					0.50
East St (Georgetown)			0.01		
Ferry Wharf Rd			0.80		
Georgetown Rd				.060	
Hazelgreen Rd		0.50			
Kays' Rd					0.30
MacLeod	0.55				
MacPherson Cove	0.10				
McCarron	0.30	0.30			

Moar					0.80
New Port Wharf Rd			0.80		
North Royalty Rd					0.20
Peake's			0.60		
Perth Station		0.70			
Somers			0.20		
Victoria St (Cardigan)			0.20		0.10
Walsh	0.30				
Wharf Rd					0.10
<b>Totals</b>	<b>1.81</b>	<b>1.50</b>	<b>3.43</b>	<b>0.060</b>	<b>2.00</b>

<b>Kings Zone K-4N</b>	<b>In Kilometres</b>				
<b>Road Name</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Central St. (Langley Rd)	0.50	0.10		0.30 unp	
Commercial Rd			2.00		
County Line Rd	0.30			0.30 unp	0.50
Crescent Lane Brudenell					0.10
Dewar Rd					0.30
French Creek				0.10 p	0.50
Heatherdale Road			2.00		
Jack Westaway	0.50			0.20 unp	
Lloyd Westaway					0.30
Loane Rd	1.10		1.10	0.20 p	0.30
Lower Montague Rd			2.00		
MacDonald Road					
Mellish Pond Road		0.10			
Nicholson Road	0.20				
Peardon Rd					0.50
Queen's Rd			1.00		
Robertson Rd				0.50 p	0.50
Roma Point	1.00	0.10		0.10 unp	
Thornton Rd		0.10			0.80
Valleyfield Rd			2.00	0.30	0.50
Whim Road					2.00
Wood Islands Rd			1.00		0.70
<b>Totals</b>	<b>3.60</b>	<b>0.40</b>	<b>11.10</b>	<b>2.00</b>	<b>7.00</b>

<b>Kings Zone K-4S</b>	<b>In Kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Beach Road	0.10					
Blue's Road						0.20
Brooklyn Road					0.20 p	0.50

<b>Kings Zone K-4S</b>	<b>In Kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Cahoon's Wharf Road						2.20
Caledonia				1.00		
Cape Bear				1.00		3.00
Commercial Rd				3.00		1.00
Compton Road	0.10					
County Line Road					0.50 unp	
Dover				6.00	0.10p	2.00
Fox River				0.30		
Gladstone Road		0.50				
Grey's Road		0.60				
Hopefield						0.50
Livingstone Rd		0.20				
Machon Point Rd				1.00		0.30
MacFarlane Rd		0.10				
Munn's Rd			0.10			0.50
Murray Harbour N						1.00
Norman's Rd						2.00
Peter's Rd, Alliston						2.00
Peter's Rd						1.00
Point Pleasant						1.00
Reilly Lane		0.10				
Richard's Road	0.30					
Ross Rd	0.30					0.30
<b>Totals</b>	<b>0.80</b>	<b>1.50</b>	<b>0.30</b>	<b>12.80</b>	<b>0.80</b>	<b>15.80</b>

### **Winter Highway Maintenance -Eastern Region**

Winter activities in the Eastern Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used: There were 5,721.45 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased 1,794.22 tonnes of salt to blend with its winter sand. The Region purchased 30,875.84 tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 30% imported sand (1.4" minus stone) and 70 percent local sand. This material was stored at seven (7) sites throughout the Region. Approximately 2,738 tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2020/2021 season.

### **Ice Control**

Ice control on sections of Highway 2, 3, 4 and 16, as well as Souris and Montague main streets, including 148.9 kilometres of road, were maintained by direct salt application. Services also included pre-wetting on Routes 2, 3 and 4 as warranted by road conditions.

### Sanding Operations

Approximately 1,041 kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by six sanding contractors, two sanding contractors use department installed hoppers and spreaders and four provide combination tandems. In addition, six department trucks were utilized to provide services to various locations throughout the Country.

### Snowfall Records

Snowfall as recorded by Environment Canada recording station volunteers in the Eastern Region:

Recorded (cm)	
Munn's Rd	Dingwell Mills
150	169

### Snow Fence Report

The Department installed approximately 2,965 meters of snow fence adjacent to department plowed snow routes to control drifting in open areas.

### Contracted Sanding & Snow Removal Services

The following table lists contracted sanding and snow removal services with private contractors:

Contractor	Kms Plowed
Chapman Brothers	219.30
G&P Trucking	154.40
Kenny MacLeod	106.60
King's County Construction Ltd.	135.80
<b>Totals</b>	<b>616.10</b>

The Department was responsible for plowing, sanding and salting 576.90 kilometres of highway - 18 plow routes. Below are tables with information regarding the breakdown of the kilometers of roads for which the Department was responsible for plowing, sanding and salting:

Location	Kms	Graders	4x4	Loaders	Trucks
Morell	28.4				1
48 Road	28.0				1
St. Teresa's	28.5		1		
Bridgetown	28.3				1
Georgetown	32.4				1
Annandale	31.6				1
Bay Fortune	34.9		1		
St. George's	36.6				1
Montague	8.2				1
Whim Road	37.4				1
Murray River	32.5				1
Morell East	30.2				1
Guernsey Cove	33.8	1			

Location	Kms	Graders	4x4	Loaders	Trucks
Hopefield	27.1		1		
Gaspereaux	39.8				1
Souris (includes streets salted)	28.0				1
Cardigan (includes areas sanded)	28.2				1
Murray River (streets)	9.1			1	
<b>Totals</b>	<b>523.0</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>13</b>

In addition, the department was responsible for plowing the streets within the Town of Souris, as well as within the Villages of St. Peter's, Mt. Stewart, Morell, Murray Harbour, Murray River, Montague and Georgetown.

### Summer Highway Maintenance – Central Region

Hot mix asphalt for patching crews was available from the first week in June to the second week in the month of October. A total of 62,230.47 tonnes were used by the branch for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Division's maintenance budget. Hand patching crews spread 2,943.50 tonnes. Private contractors supplied/placed 59,286.97 tonnes of asphalt over 62.88kms. The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Island Construction	33,910.27
M&M Resources	297.19
Curran & Briggs	605.77
Chapman Bros.	27,417.24
<b>Total</b>	<b>62,230.47</b>

Roads were resurfaced by private contractors through supply and place contracts:

Roads Queens Zone Q-1		Queens Zone Q-2	
Road Name	Kms	Road Name	Kms
Beechill Road	0.89	Pippy's Road	0.69
Ross Road	0.77	Mt. Herbert Road	1.21
Rte. 5, 48 Road (Avondale)	1.39	Shakespeare Drive	0.31
McKenna Road	0.46	Ducks Landing Drive	0.25
MacInnis Point Road	1.98	Mason Road	0.51
Robbins Rd	0.31	Birkcallum Road	0.42
Rte.24 – Grandview (Murray Harbour Rd)	1.50	Kinlock Road	0.70
Valleyfield Road – Rte. 326	1.15	Stratford Road	0.23
Garfield Road	0.80	Dale Drive	0.20
Colville Road	0.80	Rte. 21 – Johnston's R., Ft. Augustus Rd	1.50
Iona Road	1.00	Buell Road	0.84
Kinross Road	1.00	Savage Harbour Road	1.01
Valleyfield Road	1.00	Tracadie	1.28
Glencoe Road	1.32	Rte. 6 – Portage Road	0.90
Rte. 24 – Lyndale /Bellevue (Murray	5.54	Corrigan Road	1.14

Harbour Road)			
Douses Road	1.37		
River Road	0.27		
<b>TOTAL</b>	<b>21.55</b>	<b>TOTAL</b>	<b>11.19</b>

Queens Zone Q-3		Queens Zone Q-4	
Road Name	Kms	Road Name	Kms
Colville Road, Rte. 9	1.28	Rte.6 – Oyster Bed	1.90
Hopedale Road – Rte. 13	1.05	Rte.223 – Winsloe Road	1.66
Darlington Road	1.00	Little Bungay Road	0.52
MacLeod Road	0.25	Rte.223 – Winsloe South (Winsloe Road)	1.81
Rte.225 – North Wiltshire	1.01	Millboro Road	1.33
North York River Road – Rte. 248	1.13	Rattenbury Road	0.90
Dock Road – Rte.13	2.01	Graham's Road - Rte.6	1.00
Meadowbank Road- Rte.19	1.24	Church Road South – Rte. 243	0.87
Candlelight Park	0.51	New London Road	0.43
Fernwood Blvd.	0.78	Buntain Road	0.84
Rte.19 - New Dominion	1.70	Hazeltown Road	1.00
Rte.19 – Canoe Cove	1.00	Toronto Road	0.39
Mill Road	1.22	Trout River Road	1.42
		Kerrytown Road	0.86
		Wharf Road (Long River)	1.03
<b>TOTAL</b>	<b>14.18</b>	<b>TOTAL</b>	<b>15.96</b>

### Bush Cutting

During the season, two government mechanical bush cutters cut bushes along the highway. Approximately 380.00 kilometres were cut. Department crews, consisting of a foreman, three labourers, and a half-ton truck, followed the mechanical bush cutters to pick up debris and trim where the cutter could not reach. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

### Road Maintenance

During the year, graders were used to scrape and maintain the unpaved road network. In some cases, roads were also ditched and loaders and trucks (department and privately owned) were used to haul away unsuitable material. Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes were as follows:

Sandstone (m3)	Sandstone (t.)	Gravel (t)	Rock (t)
6,500.00	16,640.20	14,867.85	1,235.59

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required. A number of drainage problems were corrected on the paved road network. Equipment used to carry out this work included department or privately-owned ditching machines and trucks. New culverts were installed as required. The amount of culvert material installed in the Central Region can be found under the section Polyethylene and Corrugated Steel Drainage Pipes.

### Guardrail and Roadside Maintenance

Three roadside crews were employed within the Region to repair damaged sections of guardrail. These crews also cut grass and weeds around guardrails and guideposts in each district.

### Grass Cutting

The Department hired two private grass cutters to maintain 309.3 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, three farm tractors were utilized for roadside grass cutting on the balance of approximately 2,136 kilometres throughout Central Region.

### Shoulder Material

During the year shoulder material was used to upgrade and repair worn out sections of shoulders.

### Dust Control

Maintenance crews used 100 20-kilogram bags of flaked calcium chloride to control dust in specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of 265,610 litres was used to treat 96 kilometres of road. The tables below provide the location and extent of maintenance work done in each district during the year:

### Central Region – Summer Maintenance

Queens Zone 1	in kilometres					
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Bush Cutting
48 Road				2.00		12.00
Angus J MacLean Road						6.00
Avondale Road						8.00
Cape Breton Road		0.30				6.00
Center Road				2.00	2.00	2.00
Compton Road			0.20			
Dougan Road						
Dromore Road						
East Uigg Road			0.10			3.00
Gairlock Road			0.10			4.00
Garfield Road				3.00		18.00
Gay Road						3.00
Gillis Road						2.00
Grey's Road						5.00
Horton Road	0.10					1.00
Iona Road				3.00		6.00
Joey's Road						
MacAulay's Wharf Road		0.20	0.30			
MacPhail Park Road		0.10				
Monaghan Road						8.00
Murray Harbour Road				1.00		12.00

<b>Queens Zone 1</b>	<b>in kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
New Cove Road	0.10					3.00
Old Cardigan Road						
Orwell Cove Road						5.00
Pioneer Cemetery Rd W.I.			0.60	0.60	0.60	
Pisquid Road						
Point Prim						11.00
Pownal Road			0.10			8.00
Queen's Road						4.00
Roseberry						8.00
Rte.#3, Alberry Plains						5.00
Seal River Road	0.20	0.30				
Selkirk Road				0.80		12.00
Simpson Lane						
Trans-Canada Highway				0.40		
Vernon River Road						
Camp Buchan		0.10				2.00
Klondyke Road			0.20			
Shore Road						3.00
Village Green						5.00
Waterside Road			0.10		0.30	4.00
Big Point Rd	0.10		0.20			4.00
Crown Point			0.10			
Brazel Road			0.10			
Power Road			0.10			
Beech Hill Road						3.00
Dougan Road		0.10	0.10			4.00
Ryan's Road						3.00
Gaul's Road			0.10			0.10
Newton Road				1.00		
Culloden Road						4.00
Irving Road						2.00
Heritage Road						
Jones' Rd	0.10					
Glencoe				2.00	2.00	4.00
Donagh Rd						8.00
Bethel Rd						10.00
White's			0.10			
Robertson Road						2.00
Higgins Rd		0.10				3.00
Colville Rd						5.00
Cook Rd						

<b>Queens Zone 1</b>	<b>in kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Pinette Rd						4.00
Glashvin Rd						4.00
Uigg Rd						2.00
Brush Wharf						5.00
MacKenna Rd						2.00
MacLeod Rd						2.00
Munn's Rd Ext			0.10			
High Rd			0.10			3.00
Crawford Rd						
Storey Rd						2.00
Murray Rd			0.30			
Robbin's Rd						1.00
Dykerman Road		0.20				
Silver Water Drive	0.20					
<b>Totals</b>	<b>0.80</b>	<b>1.40</b>	<b>3.00</b>	<b>15.80</b>	<b>4.90</b>	<b>243.10</b>

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<b>Queens Zone 2</b>	<b>in kilometres</b>				
<b>Road Name</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Beach Road		0.30			3.00
Bunbury Road					2.00
Bedford Road					
Blooming Point Road		0.40			3.00
Charlottetown Bypass					
Corrigan Road				0.50	
Donaldston Road					5.00
Duffy Road		0.15			
East Suffolk					10.00
Fort Augustus Road					
Fort Augustus Road Ext	0.45		0.30	0.45	15.00
Frenchfort Road					
French Village	.15				2.00
Keppoch Road					
Lorne Lane					
MacGillivray Road		0.20			1.00
MacLennan Road					
MacMillan Point Road					
McKenna Road	0.95	0.45			0.95
Marion Drive					
Millcove Road		.25			

Mt. Herbert Road					
Mt. Stewart Road			1.00		2.00
Normandy Lane					
Pleasant Grove Road					2.00
Point DesRoche's Road		0.15			
Portage Road		0.20			
Pownal Road					2.00
Queen's Point Road					2.00
Rifle Range		0.70			
St. Peter's Road					5.00
Teahill Road					
Upper Teahill Crescent					1.50
Watts' Road		0.15			
<b>Totals</b>	<b>1.55</b>	<b>2.95</b>	<b>1.30</b>	<b>0.95</b>	<b>56.45</b>

<b>Queens Zone 3</b>	<b>in kilometres</b>				
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>
Afton Road					
Bob Laird Road					
Brackley Point Road					
Corrigan Road					
Covehead Road					
Creek Road					
Dixon Road					0.10
Dog River Road					0.50
Dock Road				2.00	
Fredericton Station Road		1.00			
Hazelgrove Road		1.00			
Heartsville, Rte.225					
Johnstone Road					
Junction Road					
Kingston Road				0.50	
MacDonald Road					
Malpeque Road					
Maplewood Road		1.00			
Quinn Road	0.30				
Riverdale Road				1.00	
Shore Road					0.30
Sleepy Hollow Road				1.00	
Steven's Lane			0.20		
TCH, Desable / Bonshaw				2.00	
<b>Totals</b>	<b>0.30</b>	<b>3.00</b>	<b>0.20</b>	<b>6.50</b>	<b>0.90</b>

<b>Queens Zone 4</b>	<b>in kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
Adam's Road N Granville		0.10	0.10			0.60
Adam's Road Stanley Bridge						
Art Ford Cross Road		0.20	0.20		0.20	0.80
Bagnall Road			0.20		1.00	
Bertram Road						2.00
Black River Road				2.60		
Bonang Road		0.10				
Brander Pond			0.40		2.20	
Buffalo Road			0.30		0.20	0.70
Bumble Bee Road			0.20			
Bungay Road				0.20		1.00
Buntain Road		0.70		0.60	0.60	
Burlington Road				0.40		2.00
Campbellton Road				0.40		
Campbell's Pond			0.30		0.40	1.50
Cape Road, Park Corner			0.20			0.40
Cavendish Road						1.30
Center Road		0.30			1.60	
Clifford Lane						0.80
Cousins' Shore			0.20			
Harbourview Drive				1.10		
Graham's Road				4.60		0.20
Grande Pere Road					0.20	0.60
Harding Creek Road		0.30			0.50	
Hazelgrove Road			0.20		2.00	2.00
Humphry Lane			0.10		0.10	0.20
Houston Road		0.10		0.80	1.00	
Irishtown Road				2.60		
Kerrytown Road				0.50		
Line Road				2.90	0.10	
Long River East			0.10		0.20	
Long River West				0.30	0.20	
MacGregor Road					0.10	
MacInnis Road			0.30			
Matheson Road						0.10
McCourt Road			0.20			2.00
MacLean Road						2.00
Mill Road, Long River				0.40		
Milvale Road			0.30			
Mt Tom Road			0.10		0.40	2.00
New Glasgow Road				11.3		

<b>Queens Zone 4</b>	<b>in kilometres</b>					
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Bush Cutting</b>
New London Road					0.20	1.50
New Road		0.10				
Parker Cross Road			0.20		0.20	
Perry Road			0.10		0.60	0.60
Pine Grove Road		0.10	0.10			2.40
Portage Road				0.30		
Princetown Road W						2.00
Rattenbury Road				0.50		
Route 6, Clinton						0.50
Route 13, Mayfield						4.00
Route 20, French River				3.80		2.50
Route 20, Seaview				6.60		
Rustico Rod, Rte 6				0.50		
Seaman's Road			0.15		0.40	0.20
St. Mary's Road					0.10	
St. Andrew's Road						1.50
Snowie Road	0.10		0.20			
Taylor Road			0.20			2.00
Toronto Road		1.20			0.80	0.90
Union Road				0.20		
Walter Adams' Road	0.15		0.10			
Warburton Road			0.20			4.00
Week's Road			0.30			2.00
Wharf Road, Long River						2.00
Wigmore Road				0.90	0.10	
Yankee Hill						0.20
<b>Totals</b>	<b>0.25</b>	<b>3.20</b>	<b>4.95</b>	<b>41.50</b>	<b>13.40</b>	<b>46.50</b>

### Central Region - Winter Maintenance

Winter activities in Central Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep the highway system as safe as possible for the motoring public. There were 21,675.51 salt purchased for salt-only, and 50/50 mix for ice control. The region purchased 2,354.00 tonnes of salt to blend with its winter sand. The blended winter sand consisted of a mixture of six percent salt, 30 percent imported 1/4" minus stone, and 70 percent local sand. This material was stored at seven sites throughout the Region. 41,384.14 tonnes of blended winter sand was purchased for use in the Region.

### Ice Control

Ice control on 185 kilometres of the main highways in the Region (a two-lane equivalent of 249 kilometres) was maintained by the direct application of road salt. Ten tandem and three single-axle trucks, equipped with automatic spreader gear were used for salt application. Department trucks were utilized

to provide this service in the Charlottetown Perimeter Highway, City of Charlottetown, Cornwall and the Town of Stratford.

### **Sanding Operations**

Approximately 1,345 kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by five sanding contractors using department installed hoppers and spreaders. Winter sanding contractors completed their four-year contract. In addition, six tandem and four single- axle trucks were utilized to provide sanding service in Cornwall, Stratford, and the remaining collector roads in Queen's County.

### **City of Charlottetown**

The Department carried out snow and ice control on 25.52 kilometres of main streets in the City. The City of Charlottetown purchased 8,046.69 tonnes of salt and 14.76 tonnes of mixed salt/sand from the Department.

### **Snowfall Records**

Total snowfall recorded by Environment Canada recording station volunteers in the Central Region (Charlottetown) was 198.8 cm.

### **Snow Fence Report**

The Department installed approximately 8,800 feet of snow fence adjacent to department plowed snow routes to control drifting in open areas.

### **Contracted Sanding & Snow Removal Services**

The following is a breakdown of the contracted sanding and snow removal services with private contractors:

<b>Contractor</b>	<b>Kilometres Plowed</b>
Island Coastal East	192.83
Birt & MacKay Ltd.	94.82
M&M Resources	119.95
Island Construction	133.79
Maritime Construction	119.57
Matheson Construction	127.99
Matheson & MacMillan	85.96
Westisle Construction	151.68
<b>Total</b>	<b>1,026.59</b>

The Department was responsible for plowing 686.4 kilometres of highway. Thirty plow routes were established. The following equipment was assigned and located:

<b>Location</b>	<b>Kms</b>	<b>Graders</b>	<b>4x4</b>	<b>Blower</b>	<b>Loaders</b>	<b>Trucks</b>
TCH West, Charlottetown to Crapaud	32.10					2
St. Peter's Road, Charlottetown to Canavoy	31.30					1
TCH East Charlottetown - Eldon	35.40					1

Location	Kms	Graders	4x4	Blower	Loaders	Trucks
TCH Eldon - Wood Islands	43.60					1
By-Pass Charlottetown	10.00					1
Charlottetown Route 2 - Summerfield	37.30					2
Route 225 & Colville Road	35.40					1
Route 235 & 13	32.50					1
Rustico Road, Cavendish Road	29.50					1
Cornwall Subdivisions	10.00	1			1	
Cornwall Subdivision, Cornwall Road to Kingston Rd	12.00	1				
Murray Harbour, Kinross & Selkirk Road	39.50					1
Ebenezer, Mayfield and Rennie's Road	29.80		1			
Rustico	18.10				1	1
Cornwall	17.20					1
Meadowbank, Main Street, Cornwall and Upton Rd	30.90					1
Stratford Road & Bunbury	52.30					3
Murray Harbour, Kinross Road and Selkirk Road	19.30					1
Ft. Augustus Road to Pisquid	20.70		1			
Hillsborough Bridge, Kinlock Road intersections and government buildings (salt)	8.00					1
Charlottetown Mains	29.40					2
Pownal, Crossroads, Stratford and Keppoch	32.50					1
Garage parking lots (Tractor/Blade used)						
Government building lots					2	1
York Point Road to Pleasant Grove, Vessey Subdivision	11.70					1
Brackley Point, Portage and Union Road	24.40		1			
Bedford Road, Eastern, Black River and a section of York Road	27.30		1			
By-Pass	16.20					2
Central Region (used where needed)				4		
Spares		3			2	3
<b>Totals</b>	<b>686.40</b>	<b>5</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>30</b>

### Western Region - Summer Maintenance

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of 45,090.45 tonnes was used by the branch for repairing the Province's paved road network in the Western Region. This asphalt was financed from the Division's operation and capital maintenance budget. Hand patching crews spread 3,067.08 tonnes.

Private contractors supplied/placed 42,023.37 tonnes of asphalt over 50.26 kilometres.

Supplier	Tonnes
Chapman Brothers	22,412.83
Curran & Briggs	22,677.62
<b>Total</b>	<b>45,090.45</b>

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 50.26 kilometres:

**Prince Zone P-1**

Road Name	Kms
Kelvin Rd - Rte 109	1.00
Nodd Rd	0.30
Freetown Rd - Rte 8	1.00
Fernwood Rd - Rte 119	0.80
Rte 112 - Bedeque	0.80
Maple Plains Rd	0.50
Mill Rd	0.97
North Tryon Cross Rd	1.00
Victoria Rd (Lower Tryon Rd)	0.50
Rte 10 - Augustine Cove (Central Coastal Dr)	1.20
MacMurdo Rd	1.05
Bradford Rd	0.52
Norring Rd	0.40
Boulter Loop	0.07
Beach Light Rd	0.44
Inkerman Rd - Rte 231	1.00
Bradford Rd	1.56
<b>Total Kms</b>	<b>13.11</b>

**Prince Zone P-2**

Road Name	Kms
Rte 110 - Kelvin Grove (MacIntyre Rd)	1.20
Rte 20 - Malpeque	0.70
Imperial St	0.35
MacLean Ave	0.08
Sunset Dr	0.51
Stewart St	0.15
Old Summerside Rd	0.75
Hamilton Rd - Rte 104	1.03
County Line Rd - Rte 233	1.29
Old Summerside Rd - West	0.86
County Line Rd	0.40
County Line Rd	1.40
Belmont Rd	1.16
Cannontown Rd - Rte 165	1.00
Goodwin Rd - Rte 179	0.50
Richards Rd - Rte 130	0.70
MacArthur Rd - Rte 183	0.79
Rte 11 - Union Corner	0.82
Maglorie Gallant Rd	0.57
<b>Total Kms</b>	<b>14.26</b>

**Prince Zone P-3**

Road Name	Kms
Sunnyside Rd - Rte 131	0.80
Rte 142 - Knutsford (O'Leary Rd)	1.00
Rte 11 - North Cape Coastal Dr	1.00
Rte 170 - Brae Harbour Rd	0.95
Rte 148 - Buchanan Rd	2.07
Rte 138 - Beaton Rd	0.70
Rte 163 - East Bideford (E Bideford Rd)	1.00
<b>Total Kms</b>	<b>7.52</b>

**Prince Zone P-4**

Road Name	Kms
Rte 12 - Roxbury (Cascumpec Rd)	2.00
Rte 152 - Huntley	0.95
Kelly Rd - Rte 142	1.00
Mill Rd - Rte 136	1.00
Rte 12 - Huntley/Central Kildare	1.00
Rte 12 - Cascumpec Rd (north)	2.35
Metheral Rd	1.09
Sou'West Rd	1.00
Rte 14 - St. Lawrence	0.50
Center Line Rd - Rte 151	0.89
Rte 12 - Central Kildare	0.50
Rte 12 - Tignish/St. Felix	1.60
Christopher Rd	0.85
Josie Shang Rd	0.19
Nail Pond Rd	0.46
<b>Total Kms</b>	<b>15.38</b>

### **Bush Cutting**

During the season, three government bush cutters cut bushes along the highway. Approximately 600.74 (2 passes) kilometers were cut. The Division also used a mechanical brush chipper and crew to eliminate the need to haul away the slash.

### **Road Maintenance**

During the year, six graders in the county carried out grading services on the unpaved road network. This would include 424 kilometres of seasonal roads and 169 kilometres of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material. Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

<b>Sandstone</b>	<b>Gravel</b>	<b>Gabion Rock</b>	<b>Millings</b>
26,150.35	37,198.77	366.20	2,188.84

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required. This work was financed through regular maintenance and capital budgets. On the paved road network, a number of drainage problems were corrected. Equipment used to carry out this work included department or privately-owned ditching machines and trucks. New culverts were installed as required for new entrance ways and removal. The amount of culvert material installed in the Western Region can be found under the section, Polyethylene and Corrugated Steel Drainage Pipes.

### **Guardrail and Roadside Maintenance**

Maintenance crews were employed within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

### **Grass Cutting**

The Department contracted five private grass cutters to maintain 838.8 kilometers of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September (2 cuts). In addition, 3 department tractors were utilized for roadside grass cutting on arterial collectors and scenic drives of approximately 816.92 kilometers throughout the Region.

### **Shoulder Material**

During the season, shoulder material was used to upgrade and repair low sections of shoulders.

### **Dust Control**

Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of 111,630 liters was used to treat 70.60 kilometers of road. An additional 82,976 liters were used to spread calcium using Department trucks on various sections of roads throughout the county. The accompanying tables give location and extent of work done in each Zone during the year.

### **Western Region – Highway Maintenance Activities**

<b>Prince Zone P -1</b>	<b>In Kilometres</b>				
<b>Road Name</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>	<b>Graded</b>
Bradford Rd	1.00	1.00	1.00		1.50

County Line Margate	1.10	1.10	1.10		1.50
Salutation Cove Rd	1.00	1.00			1.00
Tryon Cross Rd	0.50	0.50			0.50
MacQuarrie Rd		0.20	0.20	0.40	1.80
Lecky Loop	0.20		0.20		0.60
Murphy Rd	0.20				0.20
Lower Tryon Rd	0.30				1.50
MacMurdo Rd	0.10				
Train Station Rd	0.20		0.40		
Campbell Rd Freetown	0.10				
Taylor Rd	0.20				
Rte 1A Read's Corner			0.30		
Gardnier Rd	0.10				
N Freetown Rd	0.10				
<b>Total</b>	<b>5.10</b>	<b>3.80</b>	<b>3.20</b>	<b>0.40</b>	<b>8.60</b>

<b>Prince Zone P – 2</b>	<b>In Kilometres</b>				
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>
Royalty Point Rd			0.40		
Princetown Rd			1.10		
Blacksmith Rd		0.10	0.50	1.00	
Magloire Gallant	0.58	0.50	1.08		
Ives' Point Rd		0.40			
Hackmatack Rd			0.40		1.10
Compton Rd		0.40			
Cannontown Rd		1.10		1.00	
Goodwin Rd				0.50	
Malpeque Rd	0.70			0.70	
Hamilton Rd	1.00			1.00	
Sunset Dr	0.50			0.50	
Imperial St	0.40			0.40	
Rte 11 Union Corner				0.80	
Belmont Rd				1.10	
Rennie's Rd	0.30			0.30	
Oyster Cove Rd				0.60	
Hanna Rd				0.20	
Hackmatack Rd				2.00	
Old Princetown Rd				1.00	
Matthew's Rd				0.60	
<b>Total</b>	<b>3.48</b>	<b>2.50</b>	<b>3.48</b>	<b>11.70</b>	<b>1.10</b>

<b>Prince Zone P – 3</b>	<b>In Kilometres</b>				
<b>Road Name</b>	<b>Millings</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>
Port Hill Station				1.50	
Low Pt Rd		1.30			1.30
Palmer Rd		0.15			
Bannerman Rd		0.80			
Foster Sharpe Rd		0.40			
MacArthur Rd		0.50			
MarQuis Rd		0.30			
Portage Shore Rd		0.20			
Ballum Rd		0.30			
Porthill Station Rd		0.60			
Rink Rd		0.80			
Beaton Rd		1.60			
Percy Sharpe Rd		0.20			
MacDougal Rd			0.50		
Brown's Creek Rd		0.25	0.25		
Brae Harbour Rd		1.40			
Dystant Rd	0.10				
Paugh Rd	0.10				
Camp Tamawaby	0.10	0.20			
Seaweed Rd		0.20			
Smallwood Rd			0.30		
Hebron Rd			0.20		
Pete Con Rd			0.20		
Mill Rd			0.20		
Praught Rd	0.10				
Winston Barlow Rd					0.40
Milligan's Wharf Rd					0.20
MacLellan Rd					0.30
East Bideford Rd					0.30
Maple Leaf Ln					0.50
Rte 12 Grand River					0.20
Rte 12 Port Hill					0.15
<b>Total</b>	<b>0.40</b>	<b>9.20</b>	<b>1.65</b>	<b>1.50</b>	<b>3.35</b>

<b>Prince Zone P – 4</b>	<b>In Kilometres</b>			
<b>Road Name</b>	<b>Gravel</b>	<b>Shale</b>	<b>Shoulders</b>	<b>Ditching</b>
Martin Rd	0.80		0.75	
Christopher Rd	0.73		0.20	0.73
Mill Rd Tignish			0.40	
Trainor Rd	0.90		0.90	0.42
Doyle Rd	1.20		0.60	

Rte 153 Montrose			0.50	
Pridham Rd			0.30	
Deblois Rd	2.80	0.85	2.80	
Foye Rd			1.08	
Kelly Rd			0.45	
Palmer Rd North		0.15		0.10
Strang Rd		0.80		
Wells Rd	0.70			
School Rd	0.31			
Sou'west Rd	1.10		1.10	
Metheral Rd	1.10		1.10	
Nailpond Shore Rd	0.40		0.40	0.25
Josie Shang Rd	0.20		0.20	
Rte 12 Cascumpec			10.50	
Rte 152 Huntly			0.95	
Piusville Rd				0.17
Blanchard Rd				0.20
Rte 14 Christopher Cross				0.15
Cemetery Rd				0.26
Warren Rd Alma				0.20
Wells Rd				0.34
Knox Ln				0.22
Centerline Rd				0.50
Habour Dr. Miminegash				0.25
Rte 12 Kildare				0.50
Rte 14 Ebbsfleet				0.27
Doucette St				0.18
<b>Total</b>	<b>10.24</b>	<b>1.80</b>	<b>22.23</b>	<b>4.74</b>

### Western Region - Winter Highway Maintenance

Winter activities in the Western Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used: 9,414 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 1,928.78 tonnes to blend with its winter sand. The 30,687 tonnes of blended sand purchased by the Region includes amounts for reserve piles. This blended material consisted of a mixture of six percent salt, 30 percent imported, ¼" minus stone and 70 percent local sand. This material was store date nine sites throughout the Region.

### Ice Control

Ice control on sections of Highway 1, 1A, 2 East, 2 West, 107, 153 and sections of 142, 150 and 152, were maintained by direct salt application.

### Sanding Operations

Approximately 1,619.20 kilometers of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by nine snow contractors and 5 government sand trucks. Winter sanding contractors completed their one-year contract.

### Snowfall Records

Total snowfall is recorded annually by Environment Canada Recording Station volunteers in the Western Region:

Location	Recorded (cm)
Alma	165.3
Miscouche	139.7
<b>Total</b>	<b>305.0</b>

### Snow Removal Contracted Services

The following is a breakdown of the contracted sanding and snow removal services for the with private contractors:

Contractor	Kms Plowed
01364	81.00
AJL Ltd.	90.40
Clearview Construction	171.30
Curran & Briggs	197.30
Duffy Construction	191.00
Matthew's Lime Spreading	106.20
Northern Enterprises Ltd.	89.20
Island Coastal West	176.16
Tri-Mix	103.10
<b>Total</b>	<b>1205.66</b>

The Department was responsible for plowing 413.54 kilometres of highway. Fifteen plow routes were established, and equipment was assigned and located:

Location	Kms	Graders	4x4	Blower	Loaders	Trucks
Tignish	40.57					1
Cascumpeque /Alberton	34.64		1			
O'Leary	32.47	1				
Tyne Valley	23.44		1			
Malpeque/Stanley Bridge	32.06					1
Albany Route 1	23.30					1
Kinkora	28.07					1
Summerside, Route 1A	21.53					1
Slemon Park	14.25				1	1
Wellington/Route 11	26.74					1
Summerside West	32.39					1

Location	Kms	Graders	4x4	Blower	Loaders	Trucks
Summerside, Route 2 East	22.14					1
Freetown/Blue Shank	26.72	1				
O'Leary	29.36					1
St. Louis	25.86	1				
Summerside/Alma Spare		1		6	4	3
<b>Total</b>	<b>413.54</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>13</b>

### Mechanical Branch

Expenditures - operating budgets for the Mechanical Branch and Fleet Operations during the year totalled \$18,939,400:

Activity	Total
Charlottetown Garage Direct	5,041,900
Charlottetown Garage Indirect	1,138,500
Bridgetown Garage Direct	2,541,700
Bridgetown Garage Indirect	293,900
Summerside Garage Direct	4,150,000
Summerside Garage Indirect	142,300
Western Region Operators	1,575,900
Central Region Operators	2,630,600
Eastern Region Operators	1,424,600
<b>Total</b>	<b>\$18,939,400</b>

### Equipment

During the 2020-21 year, a total of \$2,750,000 in Capital budget allocations was invested to upgrade the Provincial Government Light and Heavy fleet.

### Light Fleet

Light Fleet includes vehicles categorized as passenger cars, vans and trucks of less than 2 tonnes:

Quantity	Equipment Purchased
5	Half Ton Reg Cab 4x4 Truck
13	Half Ton Extended Cab 4x4 Truck
1	Half Ton Extended Cab 4x4 Hybrid
1	Three Quarter Ton Truck with Trailer Package
1	One Ton Service Truck with Box
7	One Ton Dual Wheel Truck with Aluminium Box
3	One Ton Dual Wheel Truck with Steel Box
10	Crew Cab Trucks
1	Crew Cab 4500 Sign Truck
2	Cargo Van
3	Light Duty Mini Cargo Van
2	Passenger Vans
2	Survey Window Vans

3	SUV
5	Compact Car (Electric)
4	Compact Car (Hybrid)
<b>63</b>	<b>Total</b>

### Heavy Fleet

Heavy Fleet includes all commercial vehicles exceeding two-ton and other heavy equipment such as loaders, tractors, bush cutters and attachments associated with the operation.

Quantity	Equipment Purchased
3	140 HP Tractors with Rotary Mowers
1	Tandem Paint Truck
3	Graders
1	Tandem Box with Salt Spreader & Brine Tanks
4	Loaders
3	Tandem Snow Plow Accessories
1	Tandem
1	Single Axle Truck
1	Reversible Snow Plow Blade
2	Asphalt Rollers
2	Inserts for Greasing Systems for Tandem Trucks
1	Light Commercial Grade Hoist
1	Commercial Grade Zero Turn Lawn Tractor
1	Rotary Cutter
<b>25</b>	<b>Total</b>

### Fleet Ages

Each year this report includes a table to show the average fleet ages for active units as an indicator of the progress of the Fleet Replacement Program. The ideal number in the “Percentage Over Half Age” column is 50%. At any given time, half of the vehicles should not be older than 50% of the Optimum life and 50% should be younger than half age. The table shows that the Government-wide corporate fleet and Transportation, Infrastructure and Energy heavy fleet continue to be older than the optimum age distribution.

### 2020/2021 Fleet Age Indicators

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Corporate Fleet	476	6	3	7	69%
Single Axle	10	10	5	10	100%
Tandem	61	10	5	9	43%
4 x 4	17	0	10	33	100%
Grader	29	20	10	26	79%
Loader	29	20	10	16	59%

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Loader Mount Blower	12	20	10	8	33%
Tractor Mount Blower	10	20	10	9	20%
Tractor	24	20	10	13	42%
Grade-all	1	20	10	20	100%
Rollers	26	20	10	10	46%
Sand Hopper	22	20	10	22	95%
Salt Spreader	13	15	10	6	0%
Trailer	103	20	10	13	59%
Crack Filling	3	10	5	7	33%
Skid Steer	1	10	5	9	100%
Bush Cutter	13	10	5	17	85%
Shouldering Machine	2	20	10	11	50%
Paint Truck	2	10	5	13.5	100%
Sign Truck	8	8	7	6	75%

### Replacement Program

Each year, Department staff conduct a review of the heavy equipment to determine an appropriate replacement program. This program identifies the most immediate needs of the Department - namely operational requirements - and the replacement of existing equipment that has exceeded the useful life cycle. This program identifies the equipment requirement for years one through five and the annual costs necessary to accomplish it. The equipment is aging and the Department continues to manage an aging fleet. Transportation, Infrastructure & Energy maintains overall responsibility for the management of Provincial Governments Light Fleet. Department staff work closely with line departments in the overall management of fleet vehicles. This streamlined approach includes assessment of vehicles to determine appropriate replacement schedules, updating vehicle specifications to support operational needs, and identifying opportunities for reallocation of vehicles in the broader government fleet in an effort to maximize each vehicle's useful life.

### Fleet Focus Systems

The Fleet Management System - Fleet Focus - is utilized to provide an account of the operating and maintenance costs associated with the Department's fleet of vehicles.

### Financial Control

The measure for financial control is budget achievement. During the year, expenditures exceeded budget forecasts as a result of expenditures on repairs to heavy fleet equipment attributed to an aging fleet and increased costs of parts.

### Safety

The Department continues to promote safety awareness by looking at methods to allow for safer work environments and educate the work force in areas of safety.

## **Training**

The Department of Transportation, Infrastructure and Energy's Mechanical Branch continues to consider training a priority, and as such provided training in a number of areas:

First Aid	Mechanic Apprenticeship / On the Job Training
Bus Mechanic	Computer
Engine Diagnostics	Filing/Record Information Management
Tire	Electric Bus

# **INFRASTRUCTURE, POLICY AND PLANNING**

## **Policy and Planning**

The Policy and Planning Section is responsible for the assessment and analysis of transportation requirements and policies within the Province, including road, air and marine modes. This section provides support to the Minister and Deputy Minister in their respective federal/provincial/territorial meetings and initiatives within the transportation and infrastructure sectors. The section also provides professional engineering support and direction, as resources permit:

- Strategic and functional highway planning
- Participation in numerous federal/provincial/territorial committees working on transportation policy issues
- Strategic policies, regulations, infrastructure and services on Prince Edward Island
- Creation of briefing packages for national and regional meetings attended by the Minister and Deputy Minister
- Department representation during the planning and implementation of infrastructure development projects on behalf of municipalities and community development groups
- Facilities planning
- Project management support and supervision for special projects relating to transportation
- Support and planning regarding the implementation and management of transportation research initiatives and new technologies which have the potential to contribute to enhanced economic development, and improved safety and efficiency on the province's transportation network

Planning Section staff represent the Province on several national, international, regional, and provincial committees:

- Policy and Planning Support Committee (PPSC)
- Aviation Standing Committee
- Marine Transportation Working Group
- Air Sector Recovery Working Group
- National Highway System Review Task Force
- Transportation and the Economy Task Force
- Automated and Connected Vehicles Task Force
- Transportation and the Environment Task Force
- Transportation Statistics and Policy Issues Working Group
- Atlantic Canada Airports Association

- Board of Examiners, PEI Land Surveyors Association (Chair)
- Atlantic Provinces Transportation and Infrastructure Working Group
- Canadian Transportation Research Forum

In addition, the section is responsible for monitoring activity and progress of various other committees and task forces where relevant. Section staff also assisted with deployment of the Active Transportation Fund and implementation of the Sustainable Transportation Action Plan.

The Policy and Planning Section was involved in various other projects this year, including those that support regional, provincial and departmental initiatives.

### **Infrastructure Secretariat**

The Infrastructure Secretariat is responsible for administering infrastructure-funded programs for Prince Edward Island.

The office houses five full-time provincial employees and two contract positions, one of which relates to a special Asset Management Gas Tax project. Within the reporting period, five infrastructure programs were in operation:

- Gas Tax Extension and Permanent Program (GTF)
- New Building Canada Fund – Small Communities Fund (NBCF-SCF)
- Clean Water Wastewater Fund (CWWF)
- Investing in Canada Program (ICIP)
- Municipal Capital Expenditures Grant (MCEG)

### **Investing in Canada Infrastructure Program (2018-2028)**

Through the Investing in Canada Plan, \$371 million in federal funding is being delivered over 10 years (2018-2028) in the Province to provide predictable and sustainable funding for projects that will build modern, resilient, and green communities for Islanders.

The Department is working closely with government departments, municipalities, for profits, not-for-profits, and Indigenous Peoples to respond to the unique needs of communities to get infrastructure built that will improve the quality of life across Prince Edward Island.

The Investing in Canada Infrastructure Program is comprised of four streams: Public Transit; Green Infrastructure; Communities, Culture and Recreation; and, Rural and Northern Communities.

In April 2021, the Federal Government announced an additional category to support ventilation improvements in publicly-owned building under the ICIP CVIS (Covid-19) stream for \$4,738,144 million dollars. This increased the total amount of federal dollars under the ICIP program to \$371.7million.

<b>Program Category</b>	<b>Budget</b>
Public Transit (PT)	14,084,292
Green Infrastructure (CCM, ARDM, EQ)	204,429,138
Communities, Culture and Recreation (CCR)	29,060,925
Rural and Northern Communities (RNC)	82,705,236

CVRIS (Covid-19)	41,435,876
<b>Total</b>	<b>\$ 371,715,467</b>

The following table shows the recipients and how much in grant funding they received in 2020/21:

<b>Applicant</b>	<b>Project Number and Name</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Abegweit First Nation	ICIP-PLAN-2020-002 Epekwitk Mena'taquag Center Design and Planning	183,000	82,350.00
Albany Community Centre Inc	ICIP-CCR-2019-028 Albany Community Center Accessibility Improvements	25,491	18,692.27
Bell Canada	ICIP-RNC-2019-001 Bell Aliant Rural Broadband Expansion	49,463,182	15,329,647.99
Capital Area Recreation Inc DBA Bell Aliant Centre	ICIP-CCR-2019-045 Canada Games 2023 Bell Aliant Centre Upgrades	103,500	269.55
Charlottetown, City	ICIP-PT-2019-001 CATCC Diesel Bus Replacement	4,554,000	1,413,872.67
Charlottetown, City	ICIP-PT-2019-005 CATCC Mini Bus Purchase	472,500	292,813.14
Charlottetown, City	ICIP-EQ-2019-006 Wastewater Treatment Plant Resiliency Improvements	6,900,000	2,035,941.02
Charlottetown, City	ICIP-EQ-2019-004 Sewer Lift Stations Rehabilitation and Enhancement	3,450,000	44,267.85
Charlottetown, City	ICIP-CCR-2019-002 Charlottetown City Diamond Light Poles and Fixtures Replacement	345,000	238,601.15
Charlottetown, City	ICIP-CCR-2019-005 Queen Elizabeth Park Paving Pathways	230,000	160,839.36
Charlottetown, City	ICIP-CCR-2019-008 Wright's Creek Bridge Renewal	1,380,000	62,225.00
Charlottetown, City Library Learning Centre	ICIP-CCR-2019-031 The Charlottetown Library Learning Center Inc.	16,100,000	1,474,826.61
Cornwall, Town	ICIP-EQ-2019-011 Cornwall Wellfield Development	3,200,703	853,328.99
Dept. of Education and Life Long Learning	ICIP-CCM-2019-020 ELECTRIC SCHOOL BUSES	4,830,000	2,100,000.00
Dept. of Transportation and Infrastructure	ICIP-ARDM-2019-011 Cedar Dunes Shoreline Restoration	1,610,000	143,441.05
Dept. of Economic Growth and Tourism	ICIP-CCR-2019-046 MARK ARENDZ PROVINCIAL SKI PARK - NORDIC VENUE UPGRADES	3,622,500	204,557.16

<b>Applicant</b>	<b>Project Number and Name</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Dept. of Transportation and Infrastructure	ICIP-RNC-2019-003 2019-20 LOCAL ROADS AND BRIDGES	9,819,850	266,915.71
Dept. of Transportation and Infrastructure	ICIP-RNC-2019-009 2020-21 PEI TIE LOCAL ROADS BUNDLE	7,688,578	3,112,735.49
Dept. of Transportation and Infrastructure	ICIP-RNC-2019-010 2020-21 PEI TIE LOCAL BRIDGES	819,000	367,500.00
Dept. of Transportation and Infrastructure	ICIP-RNC-2020-011 2020-21 STIMULUS BRIDGE BUNDLE	6,428,750	245,674.07
Dept. of Transportation and Infrastructure	ICIP-RNC-2020-012 2020-21 PEI TIE LOCAL ROADS 2	7,087,416	3,012,344.33
Dept. of Transportation and Infrastructure	ICIP-RNC-2020-013 2020-21 PEI TIE LOCAL ROADS 3	1,864,150	559,576.79
Dept. of Transportation and Infrastructure	ICIP-RNC-2020-14 2020-14-7 TIE STRUCTURE REPLACEMENTS	3,450,000	208,121.10
Dept. of Transportation and Infrastructure	ICIP-CVRIS-2020-100 PCC WOMENS ADDITION	10,000,000	1,174,671.48
Dept. of Transportation and Infrastructure	ICIP-CVRIS-2020-138 QEH AIR HANDLING UNIT 2	730,000	88,640.89
Dept. of Transportation and Infrastructure	ICIP-CVRIS-2020-139 QEH GAS COLUMN UPGRADES	365,000	82,008.00
Environmental Industrial Services Inc	ICIP-EQ-2019-036 Georgetown Water System Upgrades, Claim 1A, Second Payment	690,000	2,327.66
Generation XX	ICIP-CCR-2019-032 Generation XX Accessibility	1,000,000	9,166.25
Kensington, Town	ICIP-EQ-2019-013 Kensington Lagoon Upgrades	555,000	213,619.87
Kensington, Town	ICIP-EQ-2019-014 Kensington Wellfield System Upgrades	371,000	88,350.16
Lennox Island First Nation	ICIP-PLAN-2020-001 Lennox Island First Nation Wharf Design	800,000	351,321.75
Morrell, Rural Municipality of	ICIP-EQ-2019-016 Morell Wastewater System Upgrades and Rehabilitation	1,000,000	275,428.38
North Rustico,	ICIP-CCM-2020-018 North Rustico Arena	20,593,542	731,179.70

<b>Applicant</b>	<b>Project Number and Name</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Town	& Wellness Center Construction		
O'Leary Community Sports Centre Inc	ICIP-CCR-2019-036 O'Leary Community Centre Inc. Hockeyville Legacy Project - O'Leary Arena Upgrades	1,700,000	711,061.50
Pat and the Elephant	ICIP-PT-2019-003 Pat and the Elephant Van Replacement	462,000	58,539.60
PEI Energy Corporation	ICIP-CCM-2019-016 Skinners Pond Transmission Line	44,000,000	5,000.00
PEI Energy Corporation	ICIP-CCM-2020-019 Slemon Park Microgrid	25,000,000	38,934.55
PEI Mi Kmaq Holdings Inc	ICIP-CCR-2019-001 PEI Urban Indigenous Center	680,000	2,547,433.61
Prince Edward Island Trails Inc	ICIP-CCR-2019-038 Dromore Woodland Hiking Trail	27,140	18,863.41
Souris, Town	ICIP-EQ-2019-020 Souris Wastewater Treatment Facility Upgrades	3,450,000	167,207.77
Stratford, Town	ICIP-EQ-2019-024 Sewer Lift Station Upgrades-Pondside/Bayside/Corish	1,000,000	13,309.40
Stratford, Town	ICIP-EQ-2019-027 Water Station Upgrades - Pondside, Cable Heights, Fullertons, Beacon Hill	290,000	30,293.80
Stratford, Town	ICIP-CCR-2019-017 Pondside Multi Use Courts	75,000	46,294.42
Stratford, Town	ICIP-CCR-2019-015 Fullerton's Creek Conservation Area Natural Playground and Multi-use Building	240,000	144,982.01
Summerside, City	ICIP-CCM-2019-008 Summerside Solar and Storage	68,790,925	270,305.81
Summerside, City	ICIP-CCR-2020-020 Canada Games 2023 Multipurpose Training Facility	5,865,000	53,581.20
Summerside, City	ICIP-CCR-2020-047 Canada Games 2023 Credit Union Place Athlete Training & Hosting Upgrades	517,500	329,985.00
Summerside, City	ICIP-RNC-2019-007 Summerside Industrial Park	1,155,336	249,131.77
TCAP Co-operative Ltd	ICIP-CCM-2019-015 TCAP Dehumidification and Air Exchange Replacement and Insulation	575,000	117,923.35
Three Rivers, Town	ICIP-CCR-2019-021 Three Rivers Cardigan, Ballfield Lights and Upgrades	561,281	135,974.56
Three Rivers, Town	ICIP-CCR-2019-024 Three Rivers Three Rivers Georgetown Zamboni	123,510	5,986.00
Three Rivers, Town	ICIP-CCR-2020-050 CG23 Cavendish Farms Wellness Centre Upgrades	303,182	2,742.54

<b>Applicant</b>	<b>Project Number and Name</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Tignish Health Co-operative Association Ltd	ICIP-CCR-2019-039 Tignish Health Co-operative Association Ltd. Community Outreach Expansion	872,560	1,101,070.88
Tracadie Community Centre	ICIP-CCR-2019-040 Tracadie Community Center Tracadie Community Center Renovation	120,000	49,066.00
Transportation West Inc	ICIP-PT-2019-002 Transportation West 2019 Fleet Upgrades	790,000	91,201.71
Tyne Valley, Rural Municipality	ICIP-CCM-2019-017 Tyne Valley Events Center Rebuild	10,454,000	3,136,212.18
Wood Islands and Area Development Corp	ICIP-CCR-2019-044 Infrastructure Improvements at Wood Islands Lighthouse	85,004	17,628.53
Xplornet Communications Inc	ICIP-RNC-2019-002 PEI Xplornet	38,422,415	1,868,104.93
<b>Total</b>		<b>\$375,292,015.00</b>	<b>\$46,456,089.97</b>

#### **Gas Tax Fund Permanent Program (2014-2024)**

The Gas Tax program became active on November 22, 2005, with the signing of the Agreement. The Agreement provided the Province with \$37.5 million over 2005-2010. An extension to the program was announced on September 8, 2008, for \$60 million in additional funding from 2010-2014. On May 27, 2014 the Province signed a further ten-year Administrative Agreement. The first five years of the ten-year agreement provided \$78 million to the province, which was distributed among the following four components:

<b>2014 to 2019</b>	
<b>Component</b>	<b>Funds</b>
Direct Allocation to the 26 Water and/or Sewer Communities	41,340,000
Notional Allocation to 47 municipalities without water and/or sewer	2,590,000
Roads and Bridges (municipal road services provided by the Province)	23,400
Municipal Strategic Component (includes administration costs)	10,660,000
<b>Total</b>	<b>\$54,613,400</b>

The remaining five year period from 2019/20 to 2023/24 provides the province with an additional \$118.5M which will be distributed among the following components:

<b>2020 to 2024</b>	
<b>Component</b>	<b>Funds</b>
Direct Allocation to the 26 Water and/or Sewer Communities	62,805,000
Notional Allocation to 47 municipalities without water and/or sewer	3,946,000
Roads and Bridges (municipal road services provided by the Province)	35,550,000
Municipal Strategic Component (includes administration costs)	16,198,000
<b>Total</b>	<b>\$118,499,000</b>

All projects undertaken with Gas Tax funding must fall within the 18 eligible project categories:

- Broadband Connectivity
- Brownfield Redevelopment
- Capacity Building
- Community Energy Systems
- Cultural
- Disaster Mitigation
- Drinking Water
- Highways
- Local Roads and Bridges
- Public Transit
- Recreation
- Regional and Local Airports
- Short Sea Shipping
- Shortline Rail
- Solid Waste
- Sports
- Tourism
- Wastewater

### **Direct Allocations (DA) to the 25 Water and/or Sewer Municipalities**

In order for the 25 municipalities providing centralized water and/or sewer to receive their bi-annual funding installments, they were required to supply Capital Investment Plans (CIP) to the Infrastructure Secretariat for review. Direct Allocation municipalities received a total of \$8.76 million in 2020/21. In 2020/21, the Infrastructure Secretariat reviewed 15 Direct Allocation Capital Investment Plans (CIP) for a total investment of \$4.75M were reviewed of which municipalities used \$1.65M of their direct allocation funds towards their project.

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
Abram's Village, Rural Municipality	GT-DA Abram's Village 1st and 2nd Installments 2020-21	100,000.00
Alberton, Town	GT-DA Alberton 1st and 2nd Installments 2020/21	104,739.00
Bordon Carleton, Town	GT-DA Borden-Carleton 1st and 2nd Installments 2020/21	100,000.00
Charlottetown, City	GT-DA Charlottetown 1st and 2nd Installments 2020-21	3,301,715.00
Cornwall, Town	GT-DA Cornwall 1st and 2nd Installments 2020/21	489,211.00
Hunter River, Rural Municipality	GT-DA Hunter River 1st and 2nd Installments 2020/21	100,000.00
Kensington, Town	GT-DA Kensington 1st and 2nd Installments 2020/21	148,099.00
Kinkora, Rural Municipality	GT-DA Kinkora 1st and 2nd Installments 2020-21	100,000.00
Miscouche, Rural Municipality	GT-DA Miscouche 1st and 2nd Installments 2020/21	100,000.00
Morell, Rural Municipality	GT-DA Morell 1st and 2nd Installments 2020/21	100,000.00
Mount Stewart, Rural Municipality	GT-DA Mount Stewart 1st and 2nd Installments 2020/21	100,000.00
Murray Harbour, Rural Municipality	GT-DA Murray Harbour 1st and 2nd Installments 2020/21	100,000.00
North Rustico, Town	GT-DA North Rustico 1st and 2nd Installments 2020/21	100,000.00
O'Leary, Town	GT-DA O'Leary 1st and 2nd Installments 2020/21	100,000.00
Resort Municipality Community	GT-DA Resort Municipality 1st and 2nd Installments 2020-21	100,000.00
Souris, Town	GT-DA Souris 1st and 2nd Installments 2020/21	100,000.00
St. Peter's Bay, Rural Municipality	GT-DA St. Peter's Bay 1st and 2nd Installments 2020/21	100,000.00

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
Stratford, Town	GT-DA Stratford 1st and 2nd Installments 2020/21	907,861.00
Summerside, City	GT-DA Summerside 1st and 2nd Installments 2020/21	1,356,490.00
Three Rivers, Town	GT-DA Three Rivers 1st and 2nd Installments 2020-21	656,885.00
Tignish, Rural Municipality	GT-DA Tignish 1st and 2nd Installments 2020-21	100,000.00
Tyne Valley, Rural Municipality	GT-DA Tyne Valley 1st and 2nd Installments 2020/21	100,000.00
Victoria, Rural Municipality	GT-DA Victoria 1st and 2nd Installments 2020-21	100,000.00
Wellington, Rural Municipality	GT-DA Wellington 1st and 2nd Installments 2020/21	100,000.00
<b>Total</b>		<b>\$8,665,000.00</b>

#### **Notional Allocation (NA) to Remaining 34 Municipalities**

Under the new Gas Tax, Administrative Agreement it was negotiated that municipalities who do not offer water and/or sewer services would receive an application-based allocation. The Notionally Allocated municipalities now receive 3.33% of the total Gas Tax Fund. Municipalities in the Notional Allocation category received a total of \$445,689 in 2020/21. The Infrastructure Secretariat reviewed 17 Notional Allocation CIPs for a total investment of \$1.03M.

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
Afton, Rural Municipality	GT-NA Afton 1st and 2nd Installments 2020/21	37,032.00
Bedeque, Rural Municipality	GT-NA Bedeque and Area 1st and 2nd Installments 2020/21	8,663.00
Belfast, Rural Municipality	GT-NA Belfast 1st and 2nd Installments 2020/21	47,903.00
Bonshaw, Rural Municipality	GT-NA Bonshaw 1st and 2nd Installments 2020-21	5,364.00
Brackley, Rural Municipality	GT-NA Brackley 1st and 2nd Installments 2020-21	17,096.00
Central King's, Rural Municipality	GT-NA Central Kings 1st and 2nd Installments 2020/21	60,389.00
Eastern King's, Rural Municipality	GT-NA Eastern Kings 1st and 2nd Installments 2020/21	20,337.00
Greenmount Montrose, Rural Municipality	GT-NA Greenmount-Montrose 1st and 2nd Installments 2020-21	7,630.00
Kingston, Rural Municipality	GT-NA Kingston 1st and 2nd Installments 2020-21	31,438.00
Linkletter, Rural Municipality	GT-NA Linkletter 1st and 2nd Installments 2020/21	8,892.00
Malpeque Bay, Rural Municipality	GT-NA Malpeque Bay 1st and 2nd Installments 2020/21	29,545.00
Miltonvale Park, Rural Municipality	GT-NA Miltonvale Park 1st and 2nd Installments 2020/21	32,930.00
Murray River, Rural Municipality	GT-NA Murray River 1st and 2nd Installments 2020/21	8,720.00
New Haven Riverdale, Rural Municipality	GT-NA New Haven-Riverdale 1st and 2nd Installments 2020-21	14,916.00

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
Rural Municipality of North Shore	GT-NA North Shore 1st and 2nd Installments 2020/21	59,664.00
Northport, Rural Municipality	GT-NA Northport 1st and 2nd Installments 2014 to 2020-21,	34,068.00
Souris, Town	GT-NA Souris (from Souris West) 1st and 2nd Installments 2020/21	10,212.00
St. Nicholas, Rural Municipality	GT-NA St. Nicholas 1st and 2nd Installments 2020-21	6,052.00
Central King's, Rural Municipality	GTNA/TU Central Kings 2019/20	9,724.00
Northport, Rural Municipality	GTNA/TU Northport 2019/20	5,335.00
<b>Total</b>		<b>\$455,910.00</b>

### **Roads and Bridges**

The Roads and Bridges component of the Gas Tax program will receive 30% of the Province's total Gas Tax allotment, totaling \$30.6M from 2019 to 2024.

The Department of Transportation, Infrastructure, and Energy received \$9.9M in top funds for 2019/20 and 2020/21 to invest in the renewal, construction, and rehabilitation of roadways within municipal boundaries.

<b>Gas Tax Program</b>	<b>Roads and Bridges Project List</b>
2016-2017	Project 37 - Granville St. Roundabout (Summerside)
2019-2020	Project 76 - Hillsborough Bridge Retrofit
2019-2020	Project 78 - Rte. 15 Brackley Pt Road
2019-2020	Project 81 - Long Patch
2020-2021	Project 83 - St. Roch Bridge
2020-2021	Project 84 - Slemon Park Dr. and Cannon Drive – Summerside
2020-2021	Project 85 - Marion Drive – Stratford
2020-2021	Project 86 – Route 1 – Hazelbrook
2020-2021	Project 87 – Route 2 - Kensington Storm Sewer

### **Municipal Strategic Component (MSC)**

The Municipal Strategic Component of the Gas Tax Fund was added to the Administrative Agreement in 2014 as a way of providing more funding for projects with significant economic, social and environmental benefits. This program is targeted at “making a transformative difference in the sustainability and future prosperity of Local Governments and Unincorporated Areas in Prince Edward Island”.

From 2019 to 2024, this fund will offer \$11.4M to Ultimate Recipients with strategic projects, which is almost 11% of the Province's total Gas Tax allotment. The MSC has two intakes per year for project consideration depending on the amount of funds approved in previous years. In 2020/21, the Project Review Committee approved 16 MSC projects for a total investment of \$5.4M. The total amount of funding released to MSC Ultimate Recipients in 2020/21 was \$1.45M.

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
Charlottetown, City	MSC Charlottetown 43.0 Strategic Infrastructure Plan	151,250.00
Crapaud, Rural Municipality	MSC Crapaud - 66.0 Crapaud - Land Use Plan	22,089.65
Kensington, Town	MSC Kensington 53.0 Keinsington - Wellfield Emergency Back-up Power	19,250.00
Miltonvale Park, Rural Municipality	MSC Miltonvale Park 91.0 Official Plan and Land Use Bylaw	9,411.17
Murray River, Rural Municipality	MSC Murray River - 86.0 Murray River - Official Plan and Land Use Bylaw	24,255.00
Rural Municipality of North Shore	MSC North Shore 51.0 Official Land Use Plan	10,175.00
O'Leary, Town	MSC O'Leary 78.0 Wastewater Treatment Plant Upgrades	283,800.00
Summerside, City	MSC Summerside 28.0 Summerside Water Reservoir 2017	22,045.48
Three Rivers, Town	MSC Three Rivers - 73.0 Three Rivers - Montague Sludge Storage Expansion	916,300.00
<b>Total</b>		<b>\$1,458,576.30</b>

### **New Building Canada Fund – Small Communities Fund (NBCF-SCF)**

The New Building Canada Fund – Small Communities Fund (NBCF-SCF) is one part of the New Building Canada Fund.

Total funding of \$27.7 million was allocated to the Province. NBCF-SCF is an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province (for projects where it provides municipal services to non-incorporated communities).

There are thirteen categories eligible under the NBCF-SCF program:

- Brownfield Remediation and Redevelopment
- Connectivity and Broadband Infrastructure
- Disaster Mitigation Infrastructure
- Green Energy Infrastructure
- Highways and Major Roads Infrastructure
- Innovation
- Public Transit Infrastructure
- Local and Regional Airport
- Short Sea Shipping Infrastructure
- Shortline Rail
- Solid Waste Management
- Wastewater Infrastructure
- Water Infrastructure

The Canadian Centre of Climate Change and Adaptation at U.P.E.I. is the only active project in the BFC-SCF program.

The following table of the New Building Canada Fund – Small Communities Fund shows the Actual Expenditures for 2020/21:

<b>Applicant</b>	<b>Description</b>	<b>FY 2020-21</b>
University of PEI	2019-SCF-037 Canadian Center for Climate Change and Adaptation	2,348,397.38
<b>Total</b>		<b>\$2,348,397.38</b>

### Clean Water Wastewater Fund (CWWF)

On July 28, 2017, the Federal and Provincial governments entered into a Bilateral Agreement, which provided the Province with \$55.6M in federal funding. All projects are to have construction completed by December 31, 2021.

CWWF was an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province. The program had three main categories: water, wastewater and storm water. In total, 46 projects have been approved, totaling \$88.4M in expenditures of which the Federal Government is contributing \$44.2M and the Province is contributing \$22.1M. The following table shows the Actual Expenditures for 2020/21.

Applicant	Description	FY 2020-21
Charlottetown, City	CWWF-2016-007 Fitzroy Sewer Lift Station	258,424.63
Charlottetown, City	CWWF-2016-012 Miltonvale Wellfield Reservoir	174,456.16
Charlottetown, City	CWWF-2016-014 Miltonvale Wellfield Transmission and Distribution	46,015.32
Charlottetown, City	CWWF-2016-006 CPCP Upgrades	1,629,485.64
Charlottetown, City	CWWF-2016-009 East Royalty Lift Station	996,473.35
Charlottetown, City	CWWF-2016-010 East Royalty to CPCP Upgrade	179,162.36
Charlottetown, City	CWWF-2016-015 Winter River Wellfield Upgrade	323,451.80
Stratford Utility Corp	CWWF-2016-034 Waste Water Delivery System to the CPCP	4,859,406.44
<b>Total</b>		<b>\$8,466,875.70</b>

### Municipal Capital Expenditures Grant (MCEG)

The Province had been in discussions with municipalities regarding revenue sharing. The municipalities made a request to eliminate the Provincial Infrastructure Fund and replace it with a program that was fully funded and was available to all municipalities at the same requirement level.

The Province entered into a revenue sharing agreement for 5 years (2017/18 to 2022/2023) in which it was agreed that a new Municipal Capital Expenditures Grant would be created to support municipalities with their capital expenses. The grant would be delivered by Transportation, Infrastructure, and Energy. The program allows municipalities to claim back 10% of its capital expenditures made in a Fiscal Year (FY) based on submission of several documents. The 2020/21 budget set aside \$2.7 million. Municipalities were given a year to collect on the previous year's expenditures. The FY of 2020/21 has seen municipalities receive grants up to \$3.4M. The following table shows the recipients and how much in grant funding they received:

Applicant	Description	Total Cost	FY2020-21
Abram's Village, Rural Municipality	MCEG Abrams Village 2nd Quarter Claim Payment 2019-2020	18,933.00	1,893.25
Alberton, Town	MCEG Alberton 4th Quarter Claim Payment 2019-2020, MCEG Alberton 1st, 2nd, 3rd Quarter Claim Payment 2020-2021	431,564.00	43,156.42
Bedeque, Rural Municipality	MCEG Bedeque and Area 4th Quarter Claim Payment 2020-2021	93,966.00	9,396.59

<b>Applicant</b>	<b>Description</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Borden Carleton, Town	MCEG Borden-Carleton 4th Quarter Claim Payment 2019-20	360,484.00	36,048.36
Breadalbane, Rural Municipality	MCEG Breadalbane 1st and 2nd Quarter Claim Payment 2020-2021	6,067.00	606.70
Charlottetown, City	MCEG Charlottetown 4th Quarter Claim Payment 2019-2020, MCEG Charlottetown 2nd Quarter Claim Payment 2020-2021	33,884,289.00	3,388,428.91
Cornwall, Town	MCEG Cornwall 4th Quarter Claim Payment 2019-2020, MCEG Cornwall 1st Quarter Claim Payment 2020-2021, MCEG Cornwall 2nd Quarter Claim Payment 2020-2021 and MCEG Cornwall 3rd Quarter Claim Payment 2020-21	1,789,164.00	178,916.36
Hunter River, Rural Municipality	MCEG Hunter River 1st and 3rd Quarter Claim Payment 2019-20, MCEG Hunter River 4th Quarter Claim Payment 2020-2021	178,108.00	17,810.82
Kensington, Town	MCEG Kensington 4th Quarter Claim Payment 2019-2020, MCEG Kensington 1st Quarter Claim 2020-2021, MCEG Kensington 2nd Quarter Claim Payment 2020-2021 and MCEG Kensington 3rd Quarter Claim Payment 2020-2021	1,151,681.00	115,168.07
Kindora, Rural Municipality	MCEG Kinkora 4th Quarter Claim Payment 2019-2020, and MCEG Kinkora 1st, 2nd, 3rd Quarter Claim Payment 2020-2021	515,240.00	51,524.00
Linkletter, Rural Municipality	MCEG Linkletter 4th Quarter Claim Payment 2019-2020	18,798.00	1,879.80
Malpeque Bay, Rural Municipality	MCEG Malpeque Bay 3rd Quarter Claim Payment 2020-2021	9,685.00	968.47
Miltonvale Park, Rural Municipality	MCEG Miltonvale Park 4th Quarter Claim Payment 2019-2020	6,971.00	697.10
Miminegash, Rural Municipality	MCEG Miminegash 2nd, 3rd, 4th Quarter Claim Payment 2019-2020	157,581.00	15,758.13
Miscouche, Rural Municipality	MCEG Miscouche 4th Quarter Claim Payment 2019-2020, MCEG Miscouche 2nd Quarter Claim Payment 2020-2021, MCEG Miscouche 3rd and 4th Quarter Claim Payment 2020-21	334,082.00	33,408.15
Morell, Rural Municipality	MCEG Morell 4th Quarter Claim Payment 2020-2021, MCEG Morell 3rd Quarter Claim Payment 2020-2021 and MCEG Morell 4th Quarter Claim Payment 2020-2021	379,716.00	37,971.61
Mount Stewart, Rural Municipality	MCEG Mount Stewart 1st 2nd 3rd 4th Quarter Payment 2019-2020	150,003.00	15,000.26

<b>Applicant</b>	<b>Description</b>	<b>Total Cost</b>	<b>FY2020-21</b>
Murray Harbour, Rural Municipality	MCEG Murray Harbour 4th Quarter Claim Payment 2019-20	26,456.00	2,645.60
Murray River, Rural Municipality	MCEG Murray River 1st, 2nd, 3rd, 4th Quarter Claim Payment 2019-2020 and MCEG Murray River 3rd Quarter Claim Payment 2020-21	21,879.00	2,187.92
North Rustico, Town	MCEG North Rustico 1st, 2nd, 3rd, 4th Quarter Claim Payment 2019-2020, MCEG North Rustico 1st Quarter Claim Payment 2020-2021 and MCEG North Rustico 2nd Quarter Claim Payment 2020-2021	234,095.00	23,409.51
O'Leary, Town	O'Leary MCEG 1st, 2nd, 3rd, 4th Quarter Claim Payment 2019-2020	803,954.00	80,395.43
Rural Municipality of North Shore	MCEG North Shore 1st, 2nd, 3rd, 4th Quarter Claim Payment 2019-2020	49,408.00	4,940.78
Souris, Town	MCEG Souris 4th Quarter Claim Payment 2018-2019, and MCEG Souris 4th Quarter Claim Payment 2019-2020	785,133.00	78,513.33
St. Peter's Bay, Rural Municipality	MCEG St. Peters Bay 1st 2nd 3rd 4th Quarter Payment 2019-2020	307,741.00	30,774.06
Stratford, Town	MCEG Stratford 2nd Quarter Claim Payment 2019-2020	10,742,157.00	1,074,215.70
Summerside, City	MCEG Summerside 1st, 2nd, 3rd, 4th Quarter Claim Payment 2019-2020, MCEG Summerside 4th Quarter, Second Submission Claim Payment 2019-20, and MCEG Summerside 1st, 2nd, 3rd Quarter Claim Payment 2020-2021	9,046,910.00	904,691.04
Three Rivers, Town	MCEG Three Rivers 1st 2nd 3rd 4th Quarter Claim Payment 2018-2019 and PROJ MCEG 2019-20 -1st, 2nd, 3rd, 4th, QUARTER CLAIM PAYMENT	2,661,071.00	266,107.10
Tyne Valley, Rural Municipality	MCEG Tyne Valley 4th Quarter Claim Payment 2019-2020	45,760.00	4,575.95
Wellington, Rural Municipality	MCEG Wellington 2nd, 3rd, 4th Quarter Claim Payment 2019-2020	596,246.00	59,624.61
West River, Rural Municipality	MCEG West River 2nd Quarter Claim Payment 2019-2020	79,112.00	7,911.22
<b>Total</b>		<b>\$64,886,253.00</b>	<b>\$6,488,625.25</b>

## ACCESS PEI

Access PEI's mission is to modernize government service delivery to meet the needs of today's Islanders. Access PEI puts Islanders at the heart of all its decisions. Access PEI provides Islanders an entry point into over 400 government services and programs. Access PEI locations welcome over 147,000 clients during the 2020/2021 fiscal, processing 300,000 plus transactions and collecting \$35,245,964 in revenues. Access PEI also provides a vast amount of information to Islanders through hundreds of thousands of emails and phone calls each year.



### New Transformational Service Strategy

In the Premier's mandate letter to the Minister responsible for Access PEI, he asked the Minister and Access PEI to, "Develop a strategy and work with other departments for a single point of entry for government services online and in person, with strong consideration for services to be developed and provided through digital delivery, including a new service model".

The Island is changing and Islanders' expectations of access to government services and information are shifting as well. The Island's population continues to grow above the national average, and is becoming increasingly diverse with higher accessibility requirements. Transforming service delivery required a new strategy to respond to the need for easier access, transparency and accountability.

The new transformational service strategy, "Our Promise to Islanders," was prepared based on feedback and collaboration from all levels of government.

### Vision in Action – "Our Promise to Islanders"

Working Together:

- We promise to put the needs of Islanders first
- We promise to make services more accessible to all Islanders
- We promise to be responsive to the diverse needs of Islanders
- We promise to be passionate and empathetic about meeting the needs of Islanders
- We promise to be open and accountable to Islanders

### Contactless Services Pilot - Access PEI Georgetown

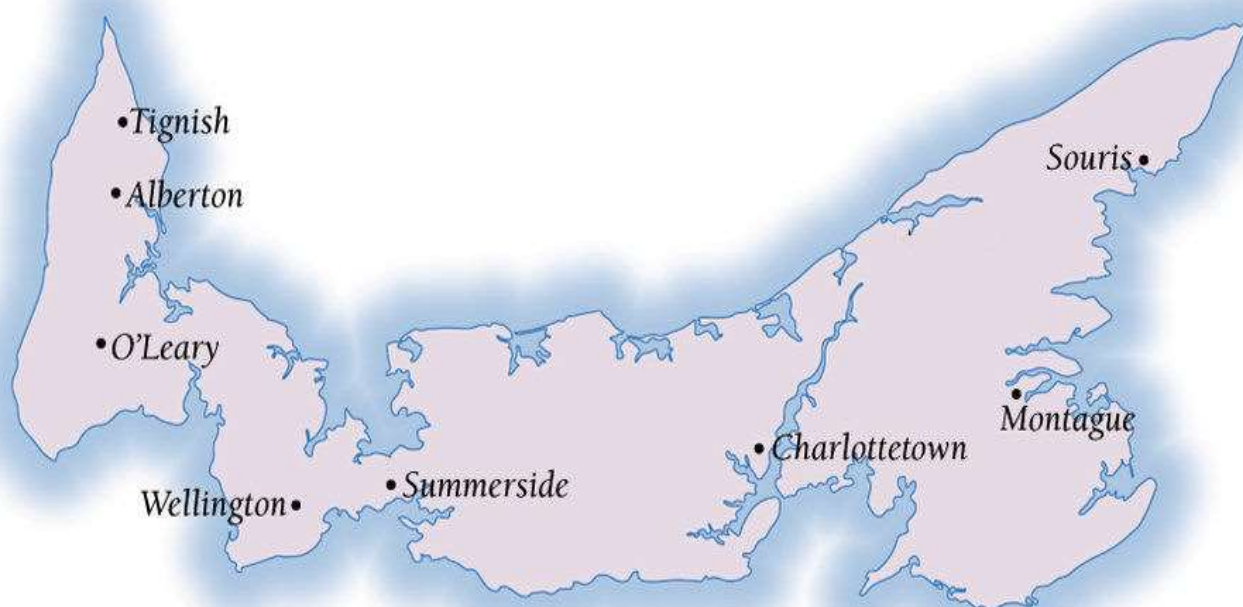
The pandemic increased the demand to contactless services, including digital and telephone service delivery channels. In November of 2020, a Contact Centre (1-year pilot) was launched to allow to provide Islanders with another option for access to government services.

The scope of services was limited to 3 in the beginning. Driver's license and vehicle registration renewals were chosen due to the high volume and limited complexity of the transactions. The ability for Islanders to change their address via the contact centre was selected as the third service.

The pilot was so successful during the first quarter that Access PEI is reviewing potential new services to add to the portfolio:

Site	Customers	Transactions	Revenues
Alberton	2,203	3,833	394,240.44
Borden Scales	25	299	384,420.00
Charlottetown	54,862	95,088	11,598,687.41
Georgetown	4,086	4,809	231,382.00
Montague	14,502	23,254	2,683,041.68
O'Leary	13,852	23,274	2,525,687.49
Souris	11,535	20,883	2,398,422.80
Summerside	40,346	69,725	8,828,111.98
Tignish	2,257	3,748	420,764.42
Wellington	4,050	7,192	881,339.32
Online Motor Vehicle Renewal		51,367	4,899,867.00
<b>Totals</b>	<b>147,718</b>	<b>303,472</b>	<b>\$35,245,964.54</b>

There are eight Access PEI sites that provide a full range of Government services to Islanders



## ENERGY AND MINERALS

### **efficiencyPEI**

Islanders want to help tackle climate change and they want to save on electricity. Energy efficiency plays a key role in helping reach our province's commitment to reducing greenhouse gas emissions while helping Islanders save money. efficiencyPEI offers advice and incentives on reducing energy consumption in homes and businesses. This includes financial assistance for energy audits, home heating and insulation upgrades, along with additional assistance for low-income Islanders. Through these efforts, efficiencyPEI has helped reduced CO2 emissions by 49,926 tonnes annually. Since opening in 2008, efficiency PEI has provided over \$22 million in grants to over 20,000 residential clients, a free weatherization service to 5,400 low-income homes, and help to over 800 businesses to reduce their energy consumption.

### **Winter Warming Program**

In 2019, efficiencyPEI's Winter Warming program (a free weatherization program for low-income households) was relaunched with an expanded scope of work and additional efficient products installed in each home. Since the revamp, 1,500 clients have received this help.

### **Solar PVR Installation Rebates**

As well, efficiencyPEI added rebates for solar PV installations in 2019 on homes and businesses. Solar energy is projected to reduce greenhouse gas emissions by over 500 tonnes annually while helping people become more energy independent. efficiencyPEI's solar incentives provide a rebate of up to 40 per cent of the cost of installing solar panels – up to \$10,000. Financing is available through Finance PEI. In 2020/21, 378 solar rebate applications were approved.

### **National Accolades**

As a result of its current and past work, efficiencyPEI was named the Energy Efficiency Program Administrator of the Year in 2019, the ENERGY STAR® Canada Advocate of the Year for 2020, and the Energy Star Administrator of the year in 2021.

**Department of Transportation, Infrastructure and Energy**  
**Statement of Ordinary Expenditures**  
**2020-2021 FY**

	Actuals FY20/21	Budget Estimates FY20/21
<b>CORPORATE SERVICES DIVISION</b>		
<b>Executive Office</b>		
Administration	14,204	21,800
Equipment	2,691	-
Materials, Supplies & Services	960	500
Salaries	339,916	309,500
Travel & Training	1,755	12,800
	<b>359,526</b>	<b>344,600</b>
<b>Corporate Services Administration</b>		
Administration	24,978	19,900
Equipment	2,875	500
Materials, Supplies & Services	8,828	10,800
Professional & Contract Services	100	1,500
Salaries	184,056	189,600
Travel & Training	787	2,000
Grants	1,197,949	1,260,000
	<b>1,419,573</b>	<b>1,484,300</b>
<b>TOTAL CORPORATE SERVICES DIVISION</b>	<b>1,779,099</b>	<b>1,828,900</b>
<b>Infrastructure</b>		
Administration	64,694	86,400
Equipment	6,309	13,000
Materials, Supplies & Services	6,173	13,200
Professional & Contract Services	79,777	395,000
Salaries	626,352	871,700
Travel & Training	1,298	18,700
Grants	59,779,154	116,589,600
	<b>60,563,757</b>	<b>117,987,600</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Policy and Planning</b>		
Administration	6,196	9,200
equipment	3,894	3,000
Materials, Supplies & Services	2,666	500
Professional & Contract Services	96,768	25,000
Salaries	232,599	337,300
Travel & Training	1,936	15,000
	<b>344,059</b>	<b>390,000</b>
<b>TOTAL INFRASTRUCTURE, POLICY &amp; PLANNING DIVISION</b>	<b>60,907,816</b>	<b>118,377,600</b>
<b>HIGHWAY SAFETY DIVISION</b>		
<b>Highway Safety Administration</b>		
Administration	125,863	58,100
Equipment	22,856	900
Materials, Supplies & Services	75,517	16,900
Professional & Contract Services	2,415	32,000
Salaries	173,400	286,900
Travel & Training	24,709	43,700
Grants	50,000	50,000
	<b>474,760</b>	<b>488,500</b>
<b>Promotion Highway Safety</b>		
Administration	362	1,000
Equipment	1,223	600
Materials, Supplies & Services	22,296	18,400
Professional & Contract Services	30	500
Salaries	766,812	814,400
Travel & Training	1,004	2,500
	<b>791,727</b>	<b>837,400</b>
<b>Registration &amp; Licensing</b>		
Administration	-	900
Equipment	9,690	4,000
Materials, Supplies & Services	279,336	310,600
Salaries	1,035,321	1,023,100
Travel & Training	-	700
	<b>1,324,347</b>	<b>1,339,300</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Highway Scales</b>		
Equipment	18,447	11,400
Materials, Supplies & Services	19,793	24,200
Salaries	744,248	676,600
Travel & Training	-	1,000
	<b>782,488</b>	<b>713,200</b>
<b>TOTAL HIGHWAY SAFETY DIVISION</b>	<b>3,373,322</b>	<b>3,378,400</b>
<b>Land &amp; Environment</b>		
<b>Environmental Management</b>		
Administration	11,138	8,700
Equipment	4,142	2,000
Materials, Supplies & Services	6,142	10,400
Professional & Contract Services	86,844	11,600
Salaries	530,103	545,800
Travel & Training	51,385	68,100
Grants	5,076,243	5,077,000
	<b>5,765,997</b>	<b>5,723,600</b>
<b>Properties</b>		
Administration	100,518	128,200
Debt	564	-
Equipment	-	1,500
Materials, Supplies & Services	265,437	232,900
Professional & Contract Services	102,767	124,900
Salaries	834,042	994,400
Travel & Training	5,084	23,300
	<b>1,308,412</b>	<b>1,505,200</b>
<b>Surveys</b>		
Administration	6,019	7,800
Equipment	996	8,200
Materials, Supplies & Services	8,224	12,800
Professional & Contract Services	320	3,000
Salaries	458,509	592,400
Travel & Training	4,371	8,000
	<b>478,439</b>	<b>632,200</b>
<b>TOTAL LAND &amp; ENVIRONMENT</b>	<b>7,552,848</b>	<b>7,861,000</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>HIGHWAY MAINTENANCE DIVISION</b>		
<b>Maintenance Administration - Director's Office</b>		
Administration	25,158	16,800
Materials, Supplies & Services	1,717	1,000
Professional & Contract Services	-	66,000
Salaries	363,696	311,500
Travel & Training	15,667	11,900
	<b>406,238</b>	<b>407,200</b>
<b>Inventory Control</b>		
Administration	6,866	3,000
Equipment	8,507	-
Materials, Supplies & Services	277,665	612,800
Professional & Contract Services	50	-
Salaries	405,826	523,900
Travel & Training	3,151	6,000
	<b>702,065</b>	<b>1,145,700</b>
<b>Prov Maintenance Road Program</b>		
Administration	2,460	-
Materials, Supplies & Services	1,212,306	1,715,100
Professional Services	16,663	-
	<b>1,231,429</b>	<b>1,715,100</b>
<b>Maintenance Administration - Western Region</b>		
Administration	27,887	41,500
Equipment	534	600
Materials, Supplies & Services	6,402	2,600
Salaries	530,259	522,100
Travel & Training	374	2,500
	<b>565,456</b>	<b>569,300</b>
<b>Maintenance Administration - Eastern Region</b>		
Administration	31,067	52,200
Equipment	-	400
Materials, Supplies & Services	6,056	700
Salaries	588,191	492,600
Travel & Training	270	3,200
	<b>625,584</b>	<b>549,100</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Maintenance Administration - Central Region</b>		
Administration	42,712	65,200
Equipment	1,463	-
Materials, Supplies & Services	921	600
Salaries	498,610	504,100
Travel & Training	840	800
	<b>544,546</b>	<b>570,700</b>

<b>Summer Maintenance - Western Region</b>		
Administration	767	-
Equipment	8,075	6,500
Materials, Supplies & Services	2,076,890	1,530,400
Professional Services	125	-
Salaries	2,183,482	2,270,500
Travel & Training	85,517	63,400
	<b>4,354,856</b>	<b>3,870,800</b>

<b>Summer Maintenance - Eastern Region</b>		
Administration	3,626	-
Equipment	5,882	-
Materials, Supplies & Services	2,102,967	1,193,100
Professional Services	165	-
Salaries	2,007,705	2,032,700
Travel & Training	137,614	85,100
	<b>4,257,959</b>	<b>3,310,900</b>

<b>Summer Maintenance - Central Region</b>		
Adminsitration	1,433	-
Equipment	2,390	-
Materials, Supplies & Services	2,857,681	1,814,600
Professional Services	70	-
Salaries	2,379,521	2,710,200
Travel & Training	137,736	75,000
	<b>5,378,831</b>	<b>4,599,800</b>

<b>Rails to Trails Maintenance</b>		
Administration	517	3,400
Equipment	12,673	-
Materials, Supplies & Services	477,140	426,900
Professional Services	195	-
Salaries	943,542	1,066,300
Travel & Training	21,366	23,000
	<b>1,455,433</b>	<b>1,519,600</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Winter Maintenance - Western Region</b>		
Administration	18	-
Materials, Supplies & Services	6,058,789	5,650,400
Professional Services	65	-
Salaries	390,860	339,400
Travel & Training	3,887	-
	<b>6,453,619</b>	<b>5,989,800</b>
<b>Winter Maintenance - Eastern Region</b>		
Materials, Supplies & Services	3,818,630	3,159,600
Salaries	432,410	326,300
Travel & Training	2,387	4,000
	<b>4,253,427</b>	<b>3,489,900</b>
<b>Winter Maintenance - Central Region</b>		
Administration	735	-
Equipment	8,979	-
Materials, Supplies & Services	6,562,914	5,906,000
Salaries	735,548	414,400
Travel & Training	3,386	-
	<b>7,311,562</b>	<b>6,320,400</b>
<b>Mechanical - Charlottetown Garage - Direct</b>		
Administration	95,462	16,900
Equipment	25,111	3,500
Materials, Supplies & Services	2,434,443	2,236,300
Professional & Contract Services	489	4,100
Salaries	1,906,410	2,648,200
Travel & Training	79,799	132,900
	<b>4,541,714</b>	<b>5,041,900</b>
<b>Mechanical - Charlottetown Garage - Indirect</b>		
Administration	83,970	69,000
Equipment	16,454	12,400
Materials, Supplies & Services	205,419	314,700
Professional & Contract Services	31,345	38,400
Salaries	598,288	699,900
Travel & Training	684	4,100
	<b>936,160</b>	<b>1,138,500</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Mechanical - Summerside Garage - Direct</b>		
Administration	1,449	14,400
Equipment	5,864	5,500
Materials, Supplies & Services	1,993,223	1,805,800
Professional & Contract Services	465	8,000
Salaries	2,054,875	2,245,100
Travel & Training	34,776	71,200
	<b>4,090,652</b>	<b>4,150,000</b>

<b>Mechanical - Summerside Garage - Indirect</b>		
Administration	14,507	17,800
Equipment	19,104	18,700
Materials, Supplies & Services	9,124	15,000
Salaries	87,786	85,400
Travel & Training	127	5,400
	<b>130,648</b>	<b>142,300</b>

<b>Mechanical - Bridgetown Garage - Indirect</b>		
Administration	12,820	15,600
Equipment	1,697	2,100
Materials, Supplies & Services	81,655	57,700
Professional & Contract Services	1,110	5,400
Salaries	201,117	210,800
Travel & Training	261	2,300
	<b>298,660</b>	<b>293,900</b>

<b>Mechanical - Bridgetown Garage - Direct</b>		
Administration	839	-
Equipment	13,850	7,000
Materials, Supplies & Services	1,230,670	1,142,100
Professional & Contract Services	290	3,200
Salaries	1,298,564	1,258,500
Travel & Training	41,359	130,900
	<b>2,585,572</b>	<b>2,541,700</b>

<b>Operators - Western Region</b>		
Administration	-	1,500
Debt	-	-
Materials, Supplies, & Services	9,060	14,000
Professional & Contract Services	1,175	-
Salaries	1,672,169	1,541,700
Travel & Training	12,101	18,700
	<b>1,694,505</b>	<b>1,575,900</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Operators - Eastern Region</b>		
Administration	-	200
Materials, Supplies & Services	16,705	28,000
Professional & Contract Services	540	-
Salaries	1,282,295	1,374,600
Travel & Training	21,081	21,800
	<b>1,320,621</b>	<b>1,424,600</b>

<b>Operators - Central Region</b>		
Administration	-	3,800
Materials, Supplies & Services	13,065	50,300
Professional & Contract Services	480	-
Salaries	2,034,482	2,530,600
Travel & Training	17,285	45,900
	<b>2,065,312</b>	<b>2,630,600</b>

<b>TOTAL HIGHWAY MAINTENANCE DIVISION</b>	<b>55,204,849</b>	<b>52,997,700</b>
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#### **PUBLIC WORKS & PLANNING**

<b>Public Works Operations - Administration</b>		
Administration	33,356	21,100
Equipment	27,824	3,000
Materials, Supplies & Services	67,417	185,200
Professional & Contract Services	40	-
Salaries	902,350	1,150,500
Travel & Training	22,005	33,500
	<b>1,052,992</b>	<b>1,393,300</b>

<b>District Heating Plant</b>		
Materials, Supplies & Services	1,558,108	1,662,200
	<b>1,558,108</b>	<b>1,662,200</b>

<b>Building Maintenance Direct - Mona Wilson Bldg.</b>		
Administration	12,334	11,300
Materials, Supplies & Services	34,748	46,000
Professional & Contract Services	346	-
	<b>47,428</b>	<b>57,300</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Shaw, Sullivan &amp; Jones Bldgs.</b>		
Administration	496,327	481,000
Equipment	13,760	2,000
Materials, Supplies & Services	1,395,020	1,556,000
Professional & Contract Services	472,674	433,100
Salaries	1,391,616	1,531,500
Travel & Training	5,341	3,000
	<b>3,774,738</b>	<b>4,006,600</b>
<b>Building Maintenance Direct - Province House</b>		
Administration	22,773	21,300
Materials, Supplies & Services	1,497	100,200
Salaries	56,603	51,400
Travel & Training	126	-
	<b>80,999</b>	<b>172,900</b>
<b>Building Maintenance Direct - Province House Annex</b>		
Administration	8,250	8,300
Materials, Supplies & Services	41,185	49,400
	<b>49,435</b>	<b>57,700</b>
<b>Building Maintenance Direct - Government House</b>		
Administration	23,975	22,500
Equipment	726	-
Materials, Supplies & Services	82,472	104,300
Professional & Contract Services	635	-
Salaries	300,911	391,300
Travel & Training	-	1,500
	<b>408,719</b>	<b>519,600</b>
<b>Building Maintenance Direct - Customs House</b>		
Administration	9,902	9,300
Materials, Supplies & Services	34,228	53,200
Professional & Contract Services	316	-
	<b>44,446</b>	<b>62,500</b>
<b>Building Maintenance Direct - Coles Bldg.</b>		
Administration	43,701	41,900
Materials, Supplies & Services	80,967	82,200
Professional & Contract Services	346	-
Salaries	70,065	74,800
	<b>195,079</b>	<b>198,900</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Prince County Jail &amp; Courthouse</b>		
Administration	20,384	20,000
Materials, Supplies & Services	112,302	103,400
Professional & Contract Services	216	-
Salaries	-	52,900
	<b>132,902</b>	<b>176,300</b>
<b>Building Maintenance Direct - Summerside Youth Centre</b>		
Administration	90,600	90,000
Materials, Supplies & Services	205,009	240,400
Professional & Contract Services	216	-
	<b>295,825</b>	<b>330,400</b>
<b>Building Maintenance Direct - Provincial Correctional Centre</b>		
Administration	38,757	40,000
Materials, Supplies & Services	480,167	476,900
	<b>518,924</b>	<b>516,900</b>
<b>Building Maintenance Direct - Montague Office Complex</b>		
Materials, Supplies & Services	103,739	94,000
Professional & Contract Services	1,399	-
	<b>105,138</b>	<b>94,000</b>
<b>Building Maintenance Direct - Southern Kings/Queens RSC</b>		
Administration	5,089	5,200
Materials, Supplies & Services	86,574	92,600
Professional & Contract Services	386	-
	<b>92,049</b>	<b>97,800</b>
<b>Building Maintenance Direct - West Prince RSC</b>		
Administration	6,847	8,000
Materials, Supplies & Services	62,775	68,500
Professional Services	386	-
	<b>70,008</b>	<b>76,500</b>
<b>Building Maintenance Direct - Prince Edward Home</b>		
Materials, Supplies & Services	-	30,000
	<b>-</b>	<b>30,000</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Small Buildings</b>		
Materials, Supplies & Services	104,282	-
	<b>104,282</b>	<b>-</b>
<b>BDC Place Kent Street</b>		
Materials, Supplies & Services	67,212	68,200
	<b>67,212</b>	<b>68,200</b>
<b>Building Maintenance Direct - Access PEI S'side</b>		
Administration	48,006	50,000
Materials, Supplies & Services	256,239	288,500
Professional & Contract Services	3,487	-
	<b>307,732</b>	<b>338,500</b>
<b>Horizon OSI Satellite Clinic, Stratford</b>		
Administration	13,050	-
	<b>13,050</b>	<b>-</b>
<b>Building Maintenance Direct - Highway Testing Lab</b>		
Materials, Supplies & Services	42,485	47,700
Salaries	22,173	35,500
	<b>64,658</b>	<b>83,200</b>
<b>Home Care - 10 Slemon Park Drive</b>		
Administration	- 9,000	-
	<b>- 9,000</b>	<b>-</b>
<b>Building Maintenance Direct - Brighton Road Office Complex</b>		
Administration	27,058	700
Materials, Supplies & Services	36,707	37,700
Professional & Contract Services	376	-
Salaries	13,340	29,500
	<b>77,481</b>	<b>67,900</b>
<b>Building Maintenance Direct - Holland College Royalty Operations</b>		
Administration	148,098	145,000
Materials, Supplies & Services	347,131	349,700
Professional & Contract Services	480	-
	<b>495,709</b>	<b>494,700</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - S'side Garage - Slemon Park</b>		
Administration	14,505	26,000
Equipment	750	-
Materials, Supplies & Services	205,545	199,600
Professional Services	492	-
	<b>221,292</b>	<b>225,600</b>
<b>Building Maintenance Direct - TIE Surplus Warehouse</b>		
Materials, Supplies & Services	20,074	21,200
Professional & Contract Services	436	-
	<b>20,510</b>	<b>21,200</b>
<b>TIR Beach Grove Rd Warehouse</b>		
Materials, Supplies & Services	-	-
	<b>-</b>	<b>-</b>
<b>Building Maintenance Direct - Kings County Courthouse</b>		
Administration	1,773	3,600
Materials, Supplies & Services	25,509	33,100
	<b>27,282</b>	<b>36,700</b>
<b>Building Maintenance Direct - Scale Houses</b>		
Administration	4,503	4,500
Materials, Supplies & Services	64,207	67,000
Salaries	39,058	5,800
Travel & Training	-	-
	<b>107,768</b>	<b>77,300</b>
<b>Building Maintenance Direct - Environment Warehouse</b>		
Materials, Supplies & Services	12,137	20,500
Professional & Contract Services	455	-
	<b>12,592</b>	<b>20,500</b>
<b>Building Maintenance Direct - Acadian Museum</b>		
Administration	2,980	5,000
Materials, Supplies & Services	17,286	15,300
	<b>20,266</b>	<b>20,300</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Basin Head Museum</b>		
Administration	915	1,000
Materials, Supplies & Services	8,213	18,500
	<b>9,128</b>	<b>19,500</b>
<b>Building Maintenance Direct - Orwell Historic Village</b>		
Administration	30	-
Materials, Supplies & Services	8,107	12,000
Salaries	8,414	-
	<b>16,551</b>	<b>12,000</b>
<b>Building Maintenance Direct - Yeo House</b>		
Materials, Supplies & Services	17,694	11,500
Professional & Contract Services	450	-
	<b>18,144</b>	<b>11,500</b>
<b>Building Maintenance Direct - MacPhail Homestead</b>		
Administration	20	-
Materials, Supplies & Services	18,051	16,500
Professional & Contract Services	440	-
	<b>18,511</b>	<b>16,500</b>
<b>Building Maintenance Direct - Belmont St Food Bank</b>		
Materials, Supplies & Services	27,712	30,000
	<b>27,712</b>	<b>30,000</b>
<b>Building Maintenance Direct - Montague Food Bank</b>		
Materials, Supplies & Services	9,953	23,000
	<b>9,953</b>	<b>23,000</b>
<b>Building Maintenance Direct - Tyne Valley Youth Centre</b>		
Administration	2,661	2,700
Materials, Supplies & Services	51,493	60,600
	<b>54,154</b>	<b>63,300</b>
<b>Building Maintenance Direct - Lea Crane Building</b>		
Administration	3,175	6,400
Materials, Supplies & Services	35,600	38,600
Salaries	20,952	23,600
Travel & Training	-	-
	<b>59,727</b>	<b>68,600</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Potato Services Bldg - Kensington</b>		
Administration	4,139	4,100
Materials, Supplies & Services	36,334	45,500
	<b>40,473</b>	<b>49,600</b>
<b>Building Maintenance Direct - Tignish Sign Shop</b>		
Administration	2,487	2,400
Materials, Supplies & Services	26,574	33,500
	<b>29,061</b>	<b>35,900</b>
<b>Building Maintenance Direct - Tignish Body Shop</b>		
Administration	7,053	7,000
Materials, Supplies & Services	53,834	60,300
Professional & Contract Services	246	-
	<b>61,133</b>	<b>67,300</b>
<b>Building Maintenance Direct - Alma Field Office</b>		
Equipment	54	-
Materials, Supplies & Services	29,550	29,500
Professional & Contract Services	122	-
	<b>29,726</b>	<b>29,500</b>
<b>Tyne Valley Medical Centre</b>		
Materials, Supplies & Services	17,734	24,000
	<b>17,734</b>	<b>24,000</b>
<b>Building Maintenance Direct - Brudenell Park</b>		
Administration	112,292	112,300
Materials, Supplies & Services	5,791	9,000
	<b>118,083</b>	<b>121,300</b>
<b>Building Maintenance Direct - St. Eleanor's House</b>		
Materials, Supplies & Services	14,989	11,300
	<b>14,989</b>	<b>11,300</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Forestry Office - Queens</b>		
Administration	10,965	12,000
Materials, Supplies & Services	15,473	20,500
Professional & Contract Services	565	-
	<b>27,003</b>	<b>32,500</b>
<b>Building Maintenance Direct - Forestry Office - Prince</b>		
Materials, Supplies & Services	11,265	21,100
Salaries	5,708	5,800
Travel & Training	-	-
	<b>16,973</b>	<b>26,900</b>
<b>Building Maintenance Direct - Forestry Office - Kings</b>		
Materials, Supplies & Services	18,275	30,500
	<b>18,275</b>	<b>30,500</b>
<b>Building Maintenance Direct - VIC Cavendish</b>		
Administration	688	1,000
Materials, Supplies & Services	34,631	40,700
Salaries	15,811	26,500
	<b>51,130</b>	<b>68,200</b>
<b>Building Maintenance Direct - VIC Mt. Pleasant</b>		
Materials, Supplies & Services	9,036	10,900
Professional Services	359	-
Salaries	7,099	11,200
Travel & Training	-	-
	<b>16,494</b>	<b>22,100</b>
<b>Building Maintenance Direct - Vet Clinic - O'Leary</b>		
Materials, Supplies & Services	22,712	31,000
	<b>22,712</b>	<b>31,000</b>
<b>Building Maintenance Direct - Access PEI - Alberton</b>		
Administration	2,193	2,200
Materials, Supplies & Services	16,519	30,300
Professional Services	386	-
Salaries	8,523	-
	<b>27,621</b>	<b>32,500</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Maintenance Direct - Analytical Lab - Upton Road</b>		
Administration	9,422	9,500
Materials, Supplies & Services	292,345	303,100
Professional & Contract Services	1,944	-
	<b>303,711</b>	<b>312,600</b>
<b>Building Maintenance Direct - Kensington Post Office</b>		
Administration	5,664	5,800
Materials, Supplies & Services	54,371	63,200
	<b>60,035</b>	<b>69,000</b>
<b>Building Maintenance Direct - Murchison House</b>		
Materials, Supplies & Services	10,127	12,500
	<b>10,127</b>	<b>12,500</b>
<b>Building Maintenance Directr - Queens Wharf</b>		
Administration	26,277	25,000
Materials, Supplies & Services	44,295	65,000
Professional & Contract Services	420	-
	<b>70,992</b>	<b>90,000</b>
<b>Building Accommodations - Small Lease</b>		
Administration	1,772,535	1,882,100
Materials, Supplies & Services	48,404	9,000
Professional & Contract Services	812	-
Travel and Training	-	80
	<b>1,821,671</b>	<b>1,891,100</b>
<b>Building Accommodations - Evangeline RSC</b>		
Administration	48,681	67,800
Materials, Supplies & Services	7,527	5,000
Professional Services	246	-
	<b>56,454</b>	<b>72,800</b>
<b>Building Accommodations - Johnny Ross Young RSC</b>		
Administration	255,220	256,300
Materials, Supplies & Services	683	7,000
Professional & Contract Services	386	-
	<b>256,289</b>	<b>263,300</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Accommodations - Queens Region Health Authority - Ellis Bros Bldg.</b>		
Administration	959,305	933,000
Materials, Supplies & Services	143,425	-
	<b>1,102,730</b>	<b>933,000</b>
<b>Building Accommodations - Health Agency Younker, Roche Bldg.</b>		
Administration	-	588,800
Materials, Supplies & Services	50,096	400
Professional Services	7,942	-
	<b>58,038</b>	<b>589,200</b>
<b>Building Accommodations - Prov Library Morell</b>		
Administration	212,986	215,100
Materials, Supplies & Services	18,800	-
	<b>231,786</b>	<b>215,100</b>
<b>Building Accommodations - St. Paul's Rectory</b>		
Administration	33,685	27,000
Materials, Supplies & Services	18,687	25,900
	<b>52,372</b>	<b>52,900</b>
<b>Building Accommodations - E. Blanchard (Gordon Drive)</b>		
Administration	65,207	135,000
Materials, Supplies & Services	24,176	23,800
Professional & Contract Services	1,621	-
	<b>91,004</b>	<b>158,800</b>
<b>Building Accommodations - Concorde Building</b>		
Administration	125,833	155,100
Materials, supplies, & Services	14,910	-
	<b>140,743</b>	<b>155,100</b>
<b>Building Accommodations - Davies Law Courts</b>		
Administration	422,254	555,700
Materials, Supplies & Services	224,030	206,600
Professional & Contract Services	246,643	213,200
	<b>892,927</b>	<b>975,500</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Accommodations - Highway Safety Office</b>		
Administration	195,627	205,300
Materials, Supplies & Services	27,725	5,000
	<b>223,352</b>	<b>210,300</b>
<b>Building Accommodations - Fisheries Warehouse</b>		
Administration	47,062	46,200
Materials, Supplies & Services	15,635	23,100
	<b>62,697</b>	<b>69,300</b>
<b>Building Accommodations - Kelly Bldg - Courthouse</b>		
Administration	146,530	200,000
Materials, Supplies & Services	14	17,600
	<b>146,544</b>	<b>217,600</b>
<b>Building Accommodations - Breckan Yates Building</b>		
Administration	272,408	229,400
Materials, Supplies & Services	- 30	-
Professional & Contract Services	100	
	<b>272,478</b>	<b>229,400</b>
<b>Building Accommodations - SRDC 109 Water Street</b>		
Administration	144,396	180,000
	<b>144,396</b>	<b>180,000</b>
<b>Building Accommodations - Confederation Centre &amp; Libraries</b>		
Administration	178,000	178,000
	<b>178,000</b>	<b>178,000</b>
<b>Building Accommodations - Gateway Village VIC</b>		
Administration	69,772	70,000
	<b>69,772</b>	<b>70,000</b>
<b>Building Accommodations - Confederation Court Lease - EMO</b>		
Administration	145,174	157,000
Materials, Supplies, & Services	18,134	-
	<b>163,308</b>	<b>157,000</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Accommodations - Donald Bondy Bldg.</b>		
Administration	358,973	371,700
Materials, Supplies & Services	112,964	30,000
Professional Services	246	-
	<b>472,183</b>	<b>401,700</b>
<b>Building Accommodations - Hunter River Health Centre</b>		
Administration	84,000	84,000
	<b>84,000</b>	<b>84,000</b>
<b>Building Accommodations - Summerside Medical Centre</b>		
Administration	228,500	228,500
	<b>228,500</b>	<b>228,500</b>
<b>Building Accommodations - Polyclinic</b>		
Administration	241,435	296,900
Professional Services	2,279	-
	<b>243,714</b>	<b>296,900</b>
<b>Building Accommodations - Pharmtech-Friendly Pharmacy</b>		
Administration	169,214	193,500
Materials, Supplies, & Services	15,105	-
	<b>184,319</b>	<b>193,500</b>
<b>Building Accommodations - Dept. of Fisheries-Montague</b>		
Administration	260,286	293,200
Professional & Contract Services	20,250	-
Professional Services	399	-
	<b>280,935</b>	<b>293,200</b>
<b>Building Accommodations - Dept. of Education - Summerside</b>		
Administration	889,475	891,600
Materials, Supplies & Services	41,399	42,000
Professional & Contract Services	662	-
	<b>931,536</b>	<b>933,600</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Accommodations - VIC - Charlottetown Airport</b>		
Administration	22,744	15,700
Materials, Supplies & Services	298	7,300
	<b>23,042</b>	<b>23,000</b>
<b>Building Accommodations - VIC - Wood Islands</b>		
Administration	36,966	37,000
Materials, Supplies & Services	3,989	900
Salaries	18,396	17,100
Travel & Training	-	-
	<b>59,351</b>	<b>55,000</b>
<b>Building Accommodations - Harbour Quay - Summerside</b>		
Administration	8,928	10,800
Materials, Supplies & Services	2,509	5,000
	<b>11,437</b>	<b>15,800</b>
<b>Building Accommodations - Kensington Laundry</b>		
Administration	79,345	62,100
Materials, Supplies & Services	6,182	15,000
	<b>85,527</b>	<b>77,100</b>
<b>Building Accommodations - Fire Arms Office - Charlottetown</b>		
Administration	17,565	17,600
Materials, Supplies & Services	6,231	8,000
	<b>23,796</b>	<b>25,600</b>
<b>Building Accommodations - 75 Fitzroy Street</b>		
Administration	27,975	41,500
Materials, Supplies, & Services	20,250	-
	<b>48,225</b>	<b>41,500</b>
<b>Building Accommodations - Records Centre Slemon Park</b>		
Administration	152,571	155,000
	<b>152,571</b>	<b>155,000</b>
<b>Building Accommodations - Efficiency PEI</b>		
Administration	-	66,500
Materials, Supplies & Services	2,564	-
	<b>2,564</b>	<b>66,500</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Accommodations - 85 Fitzroy Street</b>		
Administration	100,733	101,000
Materials, Supplies, & Services	20,625	-
	<b>121,358</b>	<b>101,000</b>
<b>Building Accommodations - The Mount</b>		
Administration	284,900	217,300
Materials, Supplies & Services	47,501	-
	<b>332,401</b>	<b>217,300</b>
<b>Building Accommodations - ATC Provincial Archives</b>		
Administration	85,200	95,000
Materials, Supplies & Services	11,693	-
	<b>96,893</b>	<b>95,000</b>
<b>Building Accommodations - Queens County Highway Stores</b>		
Administration	1,242	-
Equipment	21,374	-
Materials, Supplies & Services	105,799	-
Professional Services	413	-
	<b>128,828</b>	-
<b>Building Accommodations - 500 Queen Street</b>		
Administration	143,282	184,600
Equipment	16,932	-
Materials, Supplies & Services	57,752	-
	<b>217,966</b>	<b>184,600</b>
<b>Building Accommodations - Summerside Covid Clinic</b>		
Administration	349	-
	<b>349</b>	-
<b>Director's Office</b>		
Administration	6,587	12,000
Equipment	4,491	-
Materials, Supplies & Services	414,961	119,100
Professional & Contract Services	123,937	110,000
Salaries	225,598	282,100
Travel & Training	4,655	12,900
	<b>780,229</b>	<b>536,100</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Building Construction</b>		
Administration	1,583	200
Equipment	3,009	-
Materials, Supplies & Services	1,340	1,400
Salaries	315,443	229,000
Travel & Training	-	23,200
	<b>321,375</b>	<b>253,800</b>
<b>Building Design</b>		
Administration	9,955	-
Equipment	5,522	-
Materials, Supplies & Services	1,607	-
Salaries	592,997	706,200
Travel & Training	30,994	9,900
	<b>641,075</b>	<b>716,100</b>
<b>TOTAL PUBLIC WORKS &amp; PLANNING</b>	<b>22,544,511</b>	<b>23,831,300</b>

#### **CAPITAL PROJECTS DIVISION**

##### **TRAFFIC OPERATIONS**

##### **Traffic Operations Management**

Administration	6,111	6,100
Equipment	9,273	1,000
Materials, Supplies & Services	19,134	13,600
Professional & Contract Services	-	1,300
Salaries	381,960	335,200
Travel & Training	15,060	14,400
	<b>431,538</b>	<b>371,600</b>

##### **Traffic Operations - Western Region**

Administration	5,522	4,400
Equipment	270	1,300
Materials, Supplies & Services	97,838	348,600
Professional & Contract Services	-	2,200
Salaries	621,054	581,600
Travel & Training	30,438	8,700
	<b>755,122</b>	<b>946,800</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Traffic Operations - Central Region</b>		
Administration	11,565	14,400
Debt	2,505	-
Equipment	6,851	5,000
Materials, Supplies & Services	689,267	809,200
Professional & Contract Services	67,055	400
Salaries	1,011,654	1,131,800
Travel & Training	49,530	23,000
	<b>1,838,427</b>	<b>1,983,800</b>
<b>Sign Shop</b>		
Administration	8,253	5,700
Debt	115	-
Materials, Supplies & Services	269,995	150,700
Professional & Contract Services	-	3,600
Salaries	258,064	222,700
Travel & Training	139	1,000
	<b>536,566</b>	<b>383,700</b>
<b>Chief Engineer's Office</b>		
Administration	35,445	24,900
Equipment	1,390	800
Materials, Supplies & Services	3,277	500
Professional & Contract Services	758	39,500
Salaries	235,624	270,100
Travel & Training	23,063	9,800
	<b>299,557</b>	<b>345,600</b>
<b>Eastern Region</b>		
Administration	10,391	21,300
Equipment	264	10,400
Materials, Supplies & Services	11,000	13,600
Professional & Contract Services	2,875	2,000
Salaries	915,098	944,000
Travel & Training	3,469	19,800
	<b>943,097</b>	<b>1,011,100</b>
<b>Western Region</b>		
Administration	14,895	31,000
Equipment	6,494	16,700
Materials, Supplies & Services	53,861	21,800
Professional & Contract Services	-	500
Salaries	997,478	961,200
Travel & Training	21,801	14,900
	<b>1,094,529</b>	<b>1,046,100</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Engineering Services Operations</b>		
Administration	-	1,000
Equipment	506	900
Materials, Supplies & Services	14	600
Salaries	272,095	237,900
Travel & Training	3,047	6,400
	<b>275,662</b>	<b>246,800</b>
<b>Highway Enhancement</b>		
Salaries	1,351,624	111,200
	<b>1,351,624</b>	<b>111,200</b>
<b>Bridge Maintenance Operations</b>		
Administration	2,665	5,200
Materials, Supplies & Services	3,989,134	2,214,500
Professional & Contract Services	484,630	420,000
Salaries	553,909	550,200
Travel & Training	20,765	9,600
	<b>5,051,103</b>	<b>3,199,500</b>
<b>Highway Design</b>		
Administration	9,707	9,000
Equipment	12,554	500
Materials, Supplies & Services	6,476	5,500
Professional & Contract Services	1,928	4,800
Salaries	619,016	634,800
Travel & Training	3,480	10,300
	<b>653,161</b>	<b>664,900</b>
<b>Materials Testing Lab</b>		
Administration	32,665	12,400
Equipment	75,541	23,800
Materials, Supplies & Services	23,262	9,700
Professional & Contract Services	4,229	5,000
Salaries	1,187,255	1,351,500
Travel & Training	30,405	23,400
	<b>1,353,357</b>	<b>1,425,800</b>
<b>TOTAL CAPITAL PROJECTS DIVISION</b>	<b>14,583,743</b>	<b>11,736,900</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>ACCESS PEI</b>		
<b>Access Division Management</b>		
Administration	16,877	13,200
Equipment	29,754	-
Materials, Supplies & Services	10,768	4,000
Professional & Contract Services	95,355	59,500
Salaries	233,868	239,700
Travel & Training	2,860	22,700
	<b>389,482</b>	<b>339,100</b>
<b>Summerside Access PEI</b>		
Administration	20,469	12,700
Debt	6,025	6,500
Equipment	8,862	1,200
Materials, Supplies & Services	4,103	4,400
Salaries	560,253	550,700
Travel & Training	3,265	2,900
	<b>602,977</b>	<b>578,400</b>
<b>Souris Access PEI</b>		
Administration	21,358	10,500
Debt	1,750	-
Equipment	4,312	900
Materials, Supplies & Services	3,118	3,500
Salaries	364,347	323,100
Travel & Training	2,471	4,700
	<b>397,356</b>	<b>342,700</b>
<b>West Prince Access Centres</b>		
Administration	18,001	16,600
Debt	221	700
Equipment	688	1,300
Materials, Supplies & Services	1,256	4,600
Salaries	424,997	437,000
Travel & Training	6,577	8,700
	<b>451,740</b>	<b>468,900</b>

	Actuals FY20/21	Budget Estimates FY20/21
<b>Montague Access PEI</b>		
Administration	21,536	13,800
Debt	3,997	1,000
Equipment	-	700
Materials, Supplies & Services	1,717	4,800
Salaries	297,941	294,800
Travel & Training	4,004	2,800
	<hr/> 329,195 <hr/>	<hr/> 317,900 <hr/>
<b>Wellington Access PEI</b>		
Administration	6,121	6,300
Debt	121	200
Materials, Supplies & Services	206	4,000
Salaries	110,823	121,800
Travel & Training	524	500
	<hr/> 117,795 <hr/>	<hr/> 132,800 <hr/>
<b>Riverside Dr. Access PEI</b>		
Administration	28,340	15,100
Equipment	7,985	1,100
Materials, Supplies & Services	5,230	4,800
Professional & Contract Services	315	100
Salaries	673,785	844,300
Travel & Training	199	800
	<hr/> 715,854 <hr/>	<hr/> 866,200 <hr/>
<b>Georgetown Access PEI</b>		
Administration	20,133	-
Equipment	59,981	-
Salaries	18,268	-
	<hr/> 98,382 <hr/>	<hr/> - <hr/>
<b>TOTAL ACCESS PEI</b>	<hr/> 3,102,781 <hr/>	<hr/> 3,046,000 <hr/>

	Actuals FY20/21	Budget Estimates FY20/21
<b>ENERGY AND MINERALS</b>		
<b>Energy and Minerals</b>		
Administration	-	4,000
Equipment	-	4,600
Materials, Supplies & Services	127	3,000
Professional & Contract Services	10,361	55,600
Salaries	59,188	58,700
Travel & Training	-	15,200
	<b>69,676</b>	<b>141,100</b>
<b>Office of Energy Efficiency</b>		
Administration	120,442	101,000
Equipment	17,599	103,000
Materials, Supplies & Services	333,765	789,100
Professional & Contract Services	631,660	617,100
Salaries	1,130,945	1,431,700
Travel & Training	27,518	65,500
Grants	14,581,401	11,885,400
	<b>16,843,330</b>	<b>14,992,800</b>
<b>TOTAL ENERGY</b>	<b>16,913,006</b>	<b>15,133,900</b>
<b>TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY</b>		
	<b>185,961,975</b>	<b>238,191,700</b>

**Transportation, Infrastructure and Energy**  
**CAPITAL EXPENDITURES**  
Year Ending March 31, 2021

**BRIDGES**

**Eastern Region**

Grove Pine Road Bridge Replacement K5-011	12,413	
<b>Total Eastern Region</b>		<b>12,413</b>

**Central Region**

DFAA Gunn's Bridge Structure Replacement Q1-030 (C/over)	441,022	
Vernon River Rails to Trails Bridge Replacement Q0-013	21,815	
Stratford Pedestrian Overpass TCH	148,900	
<b>Total Central Region</b>		<b>611,737</b>

**Western Region**

Kildare Capes Bridge Replacement P1-039 (C/over)	435,664	
Foxley River Bridge Replacement P2-064	15,727	
North Street Eleanors Bridge Replacement P3-020	496,026	
Coughlin Road Bridge Replacement P1-093	10,292	
<b>Total Western Region</b>		<b>957,709</b>

<b>TOTAL BRIDGES</b>		<b>1,581,859</b>
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**HIGHWAY RECONSTRUCTION**

**Other**

Land Purchases - Eastern Region	107,400	
Land Purchases - Western Region	312,000	
Route 1 - Borden Carleton (Left turn lane) (c/over)	13,391	
Route 13 Crapaud	3,359	
Chelton Road - Chelton (c/over)	15,881	
TCH-Stratford AQ-091	523,912	
Cape Road - Park Corner	164,988	
Strange Road Street Nicholas	503,684	
West Point Shoreline Repair	46,174	
Route 152- St Louis	115,956	
Scotch Fort First Nations	197,029	
Route 243 Greenvale (Millboro Rd)	20,632	
Rocky Point Wharf Demolition and Stabilization	505,781	
Route 225 Kinkora	100,000	
Route 13 Cavendish (Storm Sewer)	623,826	
Basin Head Shoreline Stabilization	60,981	
Cardigan Slip	119,089	
Route 321 Sheppard Road (Cardigan)	1,293,403	
Brudenell Shore Protection	624,996	
Douses Road Montague	189,575	
Route 24 and 315 Caledonia Roundabout	1,463,013	
Lower Newton - Belfast Active Transportation Trail	148,640	
Route 26 Georgetown Rd - Stratford	110,935	
<b>Total Other</b>		<b>7,264,644</b>

<b>TOTAL HIGHWAY RECONSTRUCTION</b>		<b>7,264,644</b>
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**PROVINCIAL PAVING**

Gravel Various Roads- Eastern	40,564	
Fund Shouldering Operations- Eastern	448,695	
Fund Shouldering Operations- Central	4,863	
Gravel Various Roads- Central	1,408	
Fund Shouldering Operations- Kings	134,660	
<b>Total Regional</b>		<b>630,189</b>

**Provincial Paving - Cost Shared**

Provincial Paving- Build Canada Fund	2,903,124	
Provincial Paving - Investing in Canada Infrastructure Program	12,868,248	
<b>Total Provincial Paving Cost Shared</b>		<b>15,771,372</b>

<b>TOTAL PROVINCIAL PAVING</b>	<b>16,401,561</b>
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**COST SHARED PROJECTS****Gas Tax Projects**

Route 2 & Granville Street Roundabout - Summerside	61,515	
St. Roch Bridge Replacement P1-078 (C/Over)	353,216	
Route 15 Brackley (c/over)	56,721	
Hillsborough Bridge Retro Fit (c/over)	5,066,167	
Hazelbrook - Pipe Bores	20,920	
Slemon Park Dr & Cannon Dr - Slemon Park	329,149	
Marion Dr Connection - Stratford	475,290	
Route 2 Kensington (Victoria Street Storm Sewer)	1,258,856	
Route 1 Crapaud Pipe Bore	117,912	
Route 1 Hazelbrook	1,076,431	
Route 1 Crapaud (Right Turn Lane) (C/Over)	2,405	
<b>Total Gas Tax Projects</b>		<b>8,818,583</b>

**Investing in Canada Infrastructure Program**

Gorman Lane Bridge Replacement AP-045	200,848	
Route 6 Brackley Beach to Oyster Bed Widening	473,353	
Route 6 Cymbria to North Rustico	620,169	
Route 226- Darlington	273,603	
Route 12 Roxbury AP-058	16,299	
Route 156 Ebbsfleet AP-079	109,793	
Route 316 Whim Road AK-015	206,379	
Route 246 Kelly Cross AQ-156	12,705	
Route 324 Alliston/Glenwilliam K4-029	17,061	
Route 22 St Teresa K3-065	30,970	
Route 143 Woodstock/Howlan	482,101	
Millvale Bridge Replacement Dist 18 Q1-036	10,786	
Route 15 Brackley	425,124	
West Point Revetment Wall	305,291	
Old Post Rd Bridge Replacement Q1-049 (C/over)	945,394	
Iris Bridge Replacement K4-054	298,348	
North Enmore Bridge Replacement P2-038	12,699	
Chepstow Bridge Replacement K1-031	15,310	
Morell Rails to Trails Bridge Replacement K0-002	85,040	
<b>Total Investing in Canada Infrastructure Program</b>		<b>4,541,272</b>

## New Build Canada Fund

Route 1 TCH - Stratford (c/over)	1,228,131
Little Harbour Bridge Replacement K1 - 033	14,630
North Lake Bridge Replacement K1-043 (c/over)	551,704
Searletown Bridge Replacement P4-048 (c/over)	29,117
Route 1 - Desable Left Turn Lane (c/over)	17,210
Hunter River Bridge Replacement Q2 - 014 (c/over)	2,990,602
Route 12 & 31 - Grand River Roundabout (c/over)	89,017
Hillsborough Bridge Retaining Wall (c/over)	790,813
Morel Bridge Replacement K2 - 015 (c/over)	130,571
Mackinnon Drive Extension Stratford (c/over)	1,507,153
Oyster Bed Bridge Replacement Q2-018 (c/over)	4,072,999
Crapaud Bridge Replacement Q1 - 052 (c/over)	1,735,251
Rustico Bridge Replacement Q2 - 024 (c/over)	82,310
Perimeter Highway & St Peters Road Intersection (c/over)	5,014,465
Route 3 Georgetown	1,983,325
Route 21 Mount Herbert - Mermaid	304,432
Route 22 Pisquid East/Peakes	389,358
Route 1 Mount Albion	366,095
Route 2 - West Devon	481,852
Route 2 - Milton Station/Springvale	839,092
Cornwall Road - Cornwall	288,575
Route 2 Charlettotown (Malpeque Road)	170,883
Route 1 TCH Extension Seal/Mercedes Drive	2,512,681
Springvale - Old Route 2 Road Bypass	756,284
Route 12 Cascumpec/Fortune Cove	602,243
Route 12 Mischouce (North)	126,915
Route 2 - St. Peter & St. Paul/Tignish	1,236,234
Route 2 Norboro	662,341
Route 2 - Brookfield /Springvale	1,001,041
Route 1 Albany	494,790
Route 1A Middleton/Central Bedeque	2,194,409
Route 12 Mischouce (South)	271,847
Route 2 - Springhill	534,513
Route 2 - Woodvale/St. Peter & St Paul	656,262
Route 6 Brackley Beach to Oyster Bed Widening	289,126
Route 6 Cymbria to North Rustico	180,564
Hillsborough Bridge - Transportation Corridor Q5 - 009	3,660,403
Route 2 Pleasant Valley	681,727
Route 2 - Charlottetown/Milton Station	533,270
Route 2 - Route 2 West St Peters	1,075,255
Route 2 Fortune Bridge	1,011,086
Route 3 - Summerville	1,317,078
Route 2 - Tracadie Cross	341,137
Route 2 - Cannavoy	439,550
Springvale Bridge Replacement Q2 - 042	1,674,379
Route 2 St Peters Road Structure Widening	5,451,065
Route 2 Bloomfield Corner	676,288
Dingwells Mills Bridge Replacement K5-007	19,965
Oyster Creek Bridge Replacement P1 - 009	1,155,152
Bridgetown Bridge Replacement K3-008	21,612
Cams Bridge Replacement P1-003	24,759
Coleman Corner Bridge Replacement P2-060	22,783
Route 2 East Royalty Roundabouts	1,964,757
Route 210 - Montague	6,940
Route 2- Farmington Dist (C/Over)	823,523

## Total New Build Canada Fund

**55,497,562**

**Other Cost Shared Projects**

Fullerton's Marsh- Trans Canada Trail Extension	547,493
Lake Verde to Pisquid- Trans Canada Trail Development	<u>281,803</u>

**Total Other Cost Shared Projects** **829,296**

**TOTAL COST SHARED PROJECTS** **69,686,712**

**OTHER**

Equipment & Machinery Purchases	413,999
Highway Equipment	3,526,452
Vehicle Purchases	<u>2,481,328</u>

**TOTAL OTHER** **6,421,778**

**TOTAL HIGHWAYS CAPITAL** **101,356,555**

**BUILDINGS CAPITAL****Building Renovations**

Electric Vehicle Charging Stations- Provincial Administration Building	110,682
Coles Building - Renovations	2,250,319
Coles Building - Audio Visual Upgrade	180,915
Access Summerside - Building Renovations	207,390
Cavendish Visitor Information Centre- Replace Roof & Sewer Line	89,374
Summerside Youth Facility- Ventilation	2,300
Prince County Depot	8,532
Shaw Building- 5th Floor Renovation	159,511
Sullivan Building- Boiler Valve Replacement	<u>338,177</u>

**TOTAL BUILDING RENOVATIONS** **3,347,200**

**New Building Construction**

Queens County Highway Depot	2,087,997
Biomass Plant - Queen Elizabeth School	200,000
Biomass Plant - Ecole Francois Buote	586,538
Biomass Plant - Glen Stewart	716,977
Biomass Plant - Queens County Highway Depot	10,163
Biomass Plant - Summerside Seniors Housing	727,315
Pandemic Warehouse	78,944
PE Home Parking Lot Upgrade	<u>244,227</u>

**TOTAL NEW BUILDING CONSTRUCTION** **4,652,161**

Land Purchases 429,984

**TOTAL LAND PURCHASES** **429,984**

Electric Vehicle Charging Stations 66,533

**66,533**

**TOTAL BUILDINGS** **8,495,878**

**TOTAL DEPARTMENT OF TRANSPORTATION,  
INFRASTRUCTURE AND ENERGY** **109,852,433**

