



Department of Transportation and Infrastructure

ANNUAL REPORT

2021-2022





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 and Infrastructure for the period April 1, 2021 to March 31, 2022.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Ernie Hudson". The signature is written in a cursive style with a long horizontal stroke extending to the right.

Hon. Ernie Hudson
Minister



The Honourable Ernie Hudson, 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 and Infrastructure for the period April 1, 2021 to March 31, 2022.

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

Respectfully submitted,

A handwritten signature in blue ink, reading "Paul Godfrey". The signature is stylized with a long, sweeping underline.

Paul Godfrey
A/Deputy Minister

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DEPARTMENT OF TRANSPORTATION AND INFRASTRUCTURE

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 and Infrastructure— Leading in the Delivery of Safe and Efficient Infrastructure and Services.

LEGISLATIVE RESPONSIBILITIES

2021-2022

- *Applied Science and Engineering Technicians and Technologists Act*
- *Crown Building Corporation Act*
- *Dangerous Goods (Transportation) Act*
- *Engineering Profession Act*
- *Expropriation Act*
- *Highway Signage Act*
- *Highway Traffic Act*
- *Land Survey Act*
- *Land Surveyors Act*
- *Motor Carrier Act*
- *Off-Highway Vehicle Act*
- *Oil and Natural Gas Act*
- *Public Works Act*
- *Roads Act*
- *Trails Act*

PERSONNEL 2021-2022

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, HR Manager

SERVICE PEI

Access Manager, Eastern PEI

Access Manager, Charlottetown

Access Manager, Summerside

Access Manager, Western PEI

Mark Arsenault, Director

Lori Deveau-MacKinnon

Monica McKay

Leah Smallwood

Mark Roberts - Acting

HIGHWAY SAFETY

Highway Safety Operations

Highway Safety Vehicle Registration

Deputy Registrar, Charlottetown

Deputy Registrar, Summerside

Graham Miner, Director

Graham Miner

John Flood, 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

Mark Wight

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)
2021-2022

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
Jeff Burgoyne
Clay Moase
Bruce MacMillan
Alan Munroe
Wayne MacPhee

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, 2022 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 and Infrastructure in the administration of the *Highway Traffic Act*, *Off-Highway Vehicle Act*, *Roads Act*, *Trails Act* and the *Transportation of Dangerous Goods Act* and 43 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. 35 – Act to Amend the Trails Act**
 - **New Definitions for Trails** – The Confederation Trail defined as a Greenway, Active Transportation Pathways defined, and the allowance to define other Trails as might be required.
 - **Trail Crossings** – Process and procedure created to allow trail crossings on the Confederation Trail for Off-Highway Vehicles.

- **Further Amendments** – Administrative and enforcement sections clarified and provides for new regulation making authority.
- **Bill No. 23 and 24 – An Act to Amend the Highway Traffic Act and HTA (No.2)**
 - **New Definitions** – Moped, Motorized Mobility Aids, Nurse Practitioner, Pedestrian, Photo ID, Red Light Camera system, resident and speed monitoring device.
 - **Automatic Traffic Enforcement** – Amendments made to allow for the use of photo radar and red light camera and new regulation making authority for these technologies.
 - **Photo ID** – Amendments made to provide clarity on who qualifies for identification and the process and procedure around the issuance of these identification cards.
 - **Further Amendments** – Role of nurse practitioner clarified as related to drivers with medical issues that might affect the ability to operate a motor vehicle.
 - **HTA (No.2)** – Identified the process and procedure for the use of Facial Recognition Software and regulation making authority.
- **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 Trails Act General 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.
 - **Trails Act General Regulations** – Amendments made to identify the users of the Confederation Trail and Active Transportation Pathways including those motor vehicles that are exempt including the definition of Power-Assisted Bicycles.
 - **New Highway Traffic Act – Power Assisted Bicycle Regulations.** New regulations provided the definition for a power assisted bicycle, who may use these devices, where they may operate, the rules of the road that apply and the equipment required.
 - **Highway Traffic Act Fees Regulations** – Consequential amendments due to update in the issuance process for Photo ID cards 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 2020-2021 figures displayed for comparison purposes:

Driver License Suspensions and Cancellations	2020-2021	2021-2022
Section 253(1)(a) Criminal Code - (Impaired Driving)	28	25
Section 253(1)(b) Criminal Code - (Failing the Breathalyzer)	207	181
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	27	14
Total Alcohol Related Convictions	262	220
Administrative Driving Prohibitions	282	259
7 Day Suspensions 277.1 (3.2) <i>Highway Traffic Act</i>	68	96
30 Day Suspensions 277.1 (3.3) <i>Highway Traffic Act</i>	17	4
90 Day Suspensions 277.1 (3.5) <i>Highway Traffic Act</i>	2	2

Driver License Suspensions and Cancellations	2020-2021	2021-2022
Vehicle Impoundments	430	436
Demerit Point System (Point Accumulation)	342	474
Theft of a Motor Vehicle	3	12
Default in Payment of Fine(s)	178	1,796
Failure to Satisfy a Judgment (Accident with an uninsured)	3	1
Number of Warning Letters Issued (Point Accumulation)	941	1,288
Number of Driving Record Interviews Issued (Point Accumulation)	3	18

Driver required to undergo a re-examination for various reasons (Request from Law Enforcement, Medical Practitioner, etc.)	2020-2021	2021-2022
Medical Referrals Issued	347	393
Medical Referrals Issued for Commercial Drivers	3462	3095
Vision Referrals Issued	76	172
Driving Re-Examinations Conducted	523	844
Driving Record Interviews	34	50
Restricted Driver Licenses Issued	25	18
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	35,822	35,942
Abstract Fee (\$25.00)	\$895,529	\$898,550

Repeat Impaired Driving Offenders

Year	First (%)	Second (%)	Third or More (%)	Total Impaired Convictions
2021	67.18	16.22	16.60	259
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
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.

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

The International Registration Plan (IRP) is a Registration Reciprocity Agreement among the Canadian and US jurisdictions providing for payment of license fees on the basis of total distance operated in all jurisdictions. The fees are divided among the IRP jurisdictions through which the vehicles travel and allow movement on an interjurisdictional and intra jurisdictional basis.

Typically, vehicles over 11,794 kgs (26,000 lbs.) or buses that wish to travel in two or more jurisdictions must register under IRP. It is not mandatory that vehicles be registered under the Agreement, 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, 2021 to March 31, 2022 there were a total of 206 Prince Edward Island based carriers registering a total of 1018 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 of the International Registration Plan. 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 at the Charlottetown office of the Highway Safety Division. The distribution of revenue, for the fiscal year April 1, 2021 - March 31, 2022 are listed in the tables that follow.

Distribution of Revenue Collected from PEI Based Carriers For Canadian Jurisdictions April 1, 2021 - March 31, 2022

Province	Reg Fees	RST	HST	Admin Fees	Audits	Other Add Fee	Total Fees
PE	538,041.00	3,750.00	19,189.22	55,490.00	767.60	1,105.00	618,342.82
NB	655,066.95				777.84		655,844.79
NS	252,781.32				487.38		253,268.70
NL	5,053.15						5,053.15
QC	213,612.80						213,612.80
ON	184,893.00						184,893.00
MB	5,310.00	6,931.54					12,241.54
SK	7,762.00	8,993.00					16,755.00
AB	8,068.00						8,068.00
BC	7,398.12	10,100.43					17,498.55
Totals	\$1,877,986.34	\$29,774.97	\$19,189.22	\$55,490.00	\$2,032.82	\$1,105.00	\$1,985,578.35

Distribution of Revenue Collected from PEI Based Carriers For U. S. Jurisdictions April 1, 2021 - March 31, 2022

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Add Fees	Total Fees US Dollars
Alabama	211.93				211.93
Arizona	2,426.21				2,426.21
Arkansas	1,119.93				1,119.93

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Add Fees	Total Fees US Dollars
California	3,965.00				3,965.00
Colorado	730.96		565.28	35.61	1,331.85
Connecticut	16,281.86				16,281.86
Delaware	1,506.92				1,506.92
Dist of Columbia	34.61				34.61
Florida	3,410.74				3,410.74
Georgia	1,787.40		687.89		2,475.29
Idaho	3,270.81		24.19		3,295.00
Illinois	7,020.00				7,020.00
Indiana	3,175.15		1,106.51	0.19	4,281.85
Iowa	1,680.80				1,680.80
Kansas	222.95			54.86	277.81
Kentucky	1,125.22		456.84		1,582.06
Louisiana	86.27				86.27
Maine	44,319.87		52,756.56		97,076.43
Maryland	4,688.44				4,688.44
Massachusetts	23,470.14				23,470.14
Michigan	7,599.27				7,599.27
Minnesota	2,081.27				2,081.27
Mississippi	266.93			160.72	427.65
Missouri	1,612.77				1,612.77
Montana	1,979.15			1,034.97	3,014.12
Nebraska	1,125.41				1,125.41
Nevada	418.14		426.91		845.05
New Hampshire	2,796.70				2,796.70
New Jersey	13,672.49				13,672.49
New Mexico	160.96				160.96
New York	20,850.89			5,170.34	26,021.23
North Carolina	7,454.53				7,454.53
North Dakota	918.15				918.15
Ohio	3,983.54				3,983.54
Oklahoma	511.62			67.43	579.05
Oregon	593.11				593.11
Pennsylvania	36,046.38				36,046.38

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Add Fees	Total Fees US Dollars
Rhode Island	255.23				255.23
South Carolina	1,911.22		4,318.11		6,229.33
South Dakota	1,414.57				1,414.57
Tennessee	1,755.16				1,755.16
Texas	1,693.89				1,693.89
Utah	585.86			438.53	1,024.39
Vermont	3,413.72				3,413.72
Virginia	11,115.18				11,115.18
Washington	3,918.64			635.52	4,554.16
West Virginia	1,276.22		953.11		2,229.33
Wisconsin	3,687.01				3,687.01
Wyoming	913.12			1,538.46	2,451.58
Totals	\$254,546.34		\$61,295.40	\$9,136.63	\$324,978.37

**Distribution of Revenue Collected by Canadian Jurisdictions
For Prince Edward Island
April 1, 2021 - March 31, 2022**

Jurisdiction	Registration fees	Audits	Sales tax	Add fees	Total fees
NB	224,981.00	-96.54			224,884.46
NS	131,670.00	9.81			131,679.81
NL	7,962.00	-20.09			7,941.91
QC	36,079.00	-14.36			36,064.64
ON	18,900.00	2.00			18,902.00
MB	5,163.00	0.00			5,163.00
SK	62.00	0.00			62.00
AB	8,635.00	0.00			8,635.00
BC	1,133.00	0.00			1,133.00
Totals	\$434,585.00	(\$119.18)	\$0.00	\$0.00	\$434,465.82

**Distribution of Revenue Collected by U.S. Jurisdictions for Prince Edward Island
April 1, 2021 - March 31, 2022**

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Total Fees US Dollars
Alabama	16.00			16.00
Arizona	0.00			0.00
Arkansas	1,171.00			1,171.00
California	16,544.00			16,544.00
Colorado	15,704.74			15,704.74
Connecticut	0.00			0.00
Delaware	0.00			0.00
Dist of Columbia	0.00			0.00
Florida	8,555.03			8,555.03
Georgia	49.00			49.00
Idaho	27.00	-2.00		25.00
Illinois	3,740.85	-0.17		3,740.68
Indiana	66.00			66.00
Iowa	19.00			19.00
Kansas	1.00			1.00
Kentucky	2,120.00			2,120.00
Louisiana	256.00			256.00
Maine	6,439.00			6,439.00
Maryland	55.00			55.00
Massachusetts	41.17	48.00		89.17
Michigan	43.12	3.00		46.12
Minnesota	24.13			24.13
Mississippi	1.26			1.26
Totals	\$54,873.30	\$48.83	\$0.00	\$ 54,922.13

**Recap of Revenue
April 1, 2021 March 31, 2022**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island	\$ 618,342.82
Revenue Collected for Canadian Jurisdictions	\$ 1,367,245.53

Total Canadian Revenue Collected from PEI Base Plated Carriers	\$ 1,985,578.35
Total U. S. Revenue Collected from PEI Base Plated Carriers	\$ 323,978.37

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PEI by Canadian Jurisdictions	\$ 434,465.82
Revenue Collected for PEI by US Jurisdictions	\$ 99,172.03

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	
2020-2021	313	2020-2021	191
2021-2022	266	2021-2022	127

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 0 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, 0 drivers completed the 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 under 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	2020-2021	2021-2022
Cars	85,023	86,443
Trucks	29,890	30,009
Motorcycles	2,923	2,843
Buses	478	486
Trailer	18,765	20,001
Off-Road Vehicle	7,570	8,649
Miscellaneous - Other Vehicles	1,268	1,301
Total	145,917	149,732

Total Number of Drivers per Class

Class	2020-2021	2021-2022
CLASS 1 - Tractor Trailers	4,541	4,551
CLASS 2 – Bus (more than 24 passengers including School Bus)	1,241	1,296
CLASS 3 - Trucks over 14,000 kg	4,023	4,140
CLASS 4 - Ambulance, Bus, Taxi (less than 24 passengers)	2,417	2,486
CLASS 5 - Car, Light Truck	101,601	106,389
CLASS 6 - Motorcycle	12,030	12,578
CLASS 7 - Beginner's Instruction Permit	4,110	4,079
Total	129,963	135,519

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
\$12,276.00	\$6,945.00	\$2,061.00	\$2,085.00	\$2,366.00

2018-2019	2019-2020	2020-2021	2021-2022	Totals
\$2,348.00	\$2,308.00	\$2,698.00	\$2,667.00	\$35,754.00

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 2021-2022, the Red Fox design was the most popular conservation plate.

 <p>Passenger Conservation with Fox</p>	 <p>Passenger Conservation with Fox- French</p>	1,222
 <p>Passenger Conservation with Blue Jay</p>	 <p>Passenger Conservation with Blue Jay - French</p>	497
 <p>Passenger Conservation with Trout</p>	 <p>Passenger Conservation with Trout - French</p>	374
 <p>Passenger Conservation with Goose</p>	 <p>Passenger Conservation with Goose - French</p>	333
 <p>Passenger Conservation with Lady Slipper</p>	 <p>Passenger Conservation Lady Slipper - French</p>	241
Total		2,667

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.

Knowledge Tests 2020-2021	Knowledge Tests 2021-2022	Road Tests 2020-2021	Road Tests 2021-2022
2,461	2040	3,728	3147

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

Year	Total Driving While Intoxicated Convictions	Total Ignition Interlock Devices Installed
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
2021	250	191

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 796 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 93 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 2021, there were 1,366 collisions resulting in 766 injuries and 15 fatalities. The fatalities included nine drivers of vehicles, one driver of motorcycle, one passenger of vehicles, one pedestrian, one driver of a snowmobile, and two ATV drivers.

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
285	632	Passed	114,382	5,042	1,646	4,681	5,387
		Rejected	2,305	198	34	31	157

Vehicle Type	Defective Brakes	Defective Tires/Wheels	Defective Suspensions	Defective Steering	Defective Exhaust	Defective Body/Frame	Windshield & Glazing
Light	10,066	4,601	5,775	3,484	2,089	2,258	1,159
Commercial	2,544	990	744	375	385	477	192

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. On April 28, 2022 CVEOs returned to regular duties.

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	331,037
U.S. Trucks	Borden/Carleton Scales	327

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	14,800
Hours of Work (Driver's Log)	Borden/Carleton Scales	281
Trip Inspections	Borden/Carleton Scales	281
Dangerous Goods Inspections	Borden/Carleton Scales	50

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales	0
Potato disinfectant Slips Collected	Borden/Carleton Scales	0
Vehicles Checked for Taxable Goods	Borden/Carleton Scales	0
Forest Products	Borden/Carleton Scales	790
Vehicles Quarantined	Borden/Carleton Scales	0
<i>Plant Health Act</i>	Borden/Carleton Scales	0
<i>Apiary Act</i>	Borden/Carleton Scales	21
<i>Animal Health Act</i>	Borden/Carleton Scales	170
<i>Fisheries Product Act</i>	Borden/Carleton Scales	1,890

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales	76	760.00
Oversize	Borden/Carleton Scales	1,237	139,100.00
Overweight	Borden/Carleton Scales	291	36,420.00
Trip	Borden/Carleton Scales	501	114,720.00
Fuel	Borden/Carleton Scales	988	24,700.00
Work	Borden/Carleton Scales	90	29,600.00
Non-Compliance	Borden/Carleton Scales	397	79,400.00
Disinfection Fees	Borden/Carleton Scales	0	0.00
Other Front-End Decals	Borden/Carleton Scales	39	780.00
Total		3,619	\$425,480.00

Recorded Violations

Item	Location	Number	Revenue
<i>Roads Act</i>	Borden/Carleton Scales	35	\$ 10,549.00
<i>Highway Traffic Act</i>	Borden/Carleton Scales	28	\$ 7,200.00
<i>Dangerous Goods Act</i>	Borden/Carleton Scales	0	0
Total		63	\$ 17,749.00

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	2020-2021	2021-2022
Total Number of Trucks & Truck Trailers Inspected	259	234
Power Units Out of Service	37	34
Tractor Trailers Out of Service	3	13

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	119
Revenue	\$ 39,554.00

Carrier Management

The National Safety Code Auditor completed 16 educational visits to carrier locations throughout the province. As well, there were 15 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, as well as, renovation of existing buildings for Government departments, boards, and agencies.
- Operate and maintain buildings owned or leased by the Department.

General activities and specific projects carried out by each Section are summarized as follows:

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. The design and planning work includes the following:

- 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, 2021 - March 31, 2022

Elm Street Elementary School - Public Address System Upgrade - 8-Apr-21

R.I.K.S. Electric	\$	68,759.44
Hansen Electric Ltd.	\$	74,250.00
Olympia Electric Ltd.	\$	78,820.00
Ainsworth Inc.	\$	94,200.00

Greenfield Elementary School - Public Address System Upgrade - 8-Apr-21

R.I.K.S. Electric	\$	64,731.25
Olympia Electric Ltd.	\$	68,320.00
Hansen Electric Ltd.	\$	85,650.00
Ainsworth Inc.	\$	92,500.00

Parkside Elementary School - Air Exchange Upgrade - 8-Apr-21

Poirier Heating & Cooling Inc.	\$	133,942.00
Entire Mechanical Contractors	\$	134,700.00

Amherst Cove Consolidated School - Boiler Replacement - 13-Apr-21

Bevan Bros. Plumbing & Heating	\$	98,600.00
Ron's Plumbing & Heating Inc.	\$	108,000.00
Island Gas & Combustion Ltd.	\$	110,740.00
Entire Mechanical Contractors	\$	114,000.00
Black & McDonald Limited	\$	129,720.00
648430 N.B. LTD.	\$	218,500.00

Tignish Elementary School - Boiler Stack Replacement – 13-Apr-21

Poirier Heating & Cooling Inc.	\$	33,846.00
Island Gas & Combustion Ltd.	\$	36,784.00
Ron's Plumbing & Heating Inc.	\$	37,000.00

<u>East Wiltshire Intermediate School - Partial Roof Replacement - 15-Apr-21</u>	
Ashe Roofing Ltd.	\$ 113,740.00
Atlantic Roofers Ltd.	\$ 118,270.00
<u>Beach Grove Home - Emergency Power Generator - 15-Apr-21 CANCELLED</u>	
Hansen Electric Ltd.	\$ 477,700.00
Ainsworth Inc.	\$ 516,700.00
Olympia Electric Ltd.	\$ 572,400.00
A.J. Repairs (non-compliant)	\$ 1,017,341.00
<u>Hillsborough Hospital - Emergency Power Generator - 20-Apr-21 CANCELLED</u>	
Olympia Electric Ltd.	\$ 242,200.00
Ainsworth Inc.	\$ 256,500.00
Hansen Electric Ltd.	\$ 263,700.00
<u>Queen Elizabeth Hospital - New Air Handling Units #1 & #3 - 22-Apr-21</u>	
J&S Sheet Metal Ltd.	\$ 1,104,700.00
East Coast Sheet Metal Ltd.	\$ 1,260,000.00
Entire Mechanical Contractors	\$ 1,397,000.00
<u>Somerset Consolidated School - Partial Roof Replacement - 6-May-21</u>	
Atlantic Roofers Ltd.	\$ 198,957.00
Ashe Roofing Ltd.	\$ 203,900.00
<u>Mount Stewart Consolidated School - Boiler Replacement - 13-May-21</u>	
Bevan Bros. Plumbing & Heating	\$ 128,000.00
Entire Mechanical Contractors	\$ 158,200.00
<u>Kings County Memorial Hospital - Heat Exchanger Replacement - 18-May-21</u>	
Bevan Bros. Plumbing & Heating	\$ 254,000.00
<u>O'Leary Elementary School - Fire Alarm System Replacement - 20-May-21</u>	
Hansen Electric Ltd.	\$ 57,000.00
Gaudet's Electrical Services Ltd.	\$ 59,700.00
R.I.K.S. Electric	\$ 71,472.50
<u>Westisle Composite High School - Lagoon Liner and Site Access Upgrades - 27-May-21</u>	
Gaudet's Transit Mix Ltd.	\$ 259,511.00
Kildare Construction Ltd.	\$ 321,120.00
Stewart Enterprises Ltd.	\$ 608,900.00
<u>Prince County Hospital - Emergency Power Generator - 27-May-21</u>	
Hansen Electric Ltd.	\$ 905,000.00
Ainsworth Inc.	\$ 1,021,500.00

Olympia Electric Ltd.	\$ 1,088,000.00
<u>Ellerslie Elementary School - Waste Water Treatment System - 3-Jun-21</u>	
Ron's Plumbing & Heating Inc.	\$ 173,000.00
Stewart Enterprises Ltd.	\$ 283,170.00
Higgins Construction	\$ 317,000.00
<u>Beach Grove Home - Nurse Call System Replacement - 3-Jun-21</u>	
Hansen Electric Ltd.	\$ 222,700.00
Olympia Electric Ltd.	\$ 226,000.00
Ainsworth Inc.	\$ 226,250.00
<u>Montague Consolidated School - Contract #2: Interior Fit-up - 8-Jun-21</u>	
WM&M (1993) Ltd.	\$ 1,263,000.00
MacLean Construction Ltd.	\$ 1,349,500.00
<u>Eliot River Elementary School - Contract #1: Roof Replacement - 10-Jun-21</u>	
Ashe Roofing Ltd.	\$ 409,400.00
Atlantic Roofers Ltd.	\$ 611,700.00
<u>Montague Consolidated School - Contract #1: Roof Replacement - 10-Jun-21</u>	
Ashe Roofing Ltd.	\$ 748,000.00
<u>Eliot River Elementary School - Contract #2: Interior Fit-up - 15-Jun-21</u>	
WM&M (1993) Ltd.	\$ 1,818,000.00
MacLean Construction Ltd.	\$ 1,998,000.00
<u>Eliot River Elementary School - Contract #4: Site Work and Addition -15-Jun-21</u>	
Island Coastal Services Ltd.	\$ 1,696,413.34
<u>Queen Elizabeth Hospital - Partial Roof Replacement - 15-Jun-21</u>	
Evolution Roofing Ltd.	\$ 1,614,500.00
<u>M.E. Callaghan Intermediate School - Partial Roof Replacement - 17-Jun-21</u>	
Atlantic Roofers Ltd.	\$ 130,187.00
Ashe Roofing Ltd.	\$ 164,000.00
<u>Beach Grove Home - Partial Roof Replacement - 24-Jun-21</u>	No Bid
<u>Kensington Intermediate Senior High School - Exterior Siding Repair - 24-Jun-21</u>	
WM&M (1993) Ltd.	\$ 519,000.00
<u>Queens County Highway Depot - Pandemic Warehouse - 6-Jul-21</u>	
Wellington Construction Ltd.	\$ 2,640,750.00

MacLean Construction Ltd.	\$ 2,779,000.00
Brighton Construction Inc.	\$ 2,839,000.00
WM&M (1993) Ltd.	\$ 2,956,000.00
<u>Eliot River Elementary School - Contract #3: Sprinkler- 13-Jul-21</u>	
Island Sprinkler Systems Ltd.	\$ 219,000.00
LeBlanc Sprinkler LTD	\$ 450,000.00
B&G Sprinkler Ltd.	\$ 650,000.00
<u>Kensington Intermediate Senior High School - Site Drainage Improvements</u>	
WM&M (1993) Ltd.	\$ 137,000.00
Curran and Briggs Limited	\$ 179,000.00
<u>Kings County Memorial Hospital - Roof Replacement and Envelope Repairs - 13-Jul-21</u>	
<u>(CANCELLED)</u>	
Evolution Roofing Ltd.	\$ 1,392,500.00
<u>Access PEI Summerside - Radiant Heating System Upgrade - 15-Jul-21</u>	
Ron's Plumbing & Heating Inc.	\$ 472,000.00
Entire Mechanical Contractors	\$ 698,600.00
<u>Kings County Memorial Hospital - Kitchen and Reception Interior Renovation - 15-Jul-21</u>	
MacLean Construction Ltd.	\$ 995,900.00
<u>Montague Consolidated School - Contract #3: Sprinkler - 15-Jul-21</u>	
Island Sprinkler Systems Ltd.	\$ 327,000.00
Troy Life & Fire Safety Ltd.	\$ 637,000.00
<u>Wedgewood Manor - Roof Replacement (Metal) - 22-Jul-21 (CANCELLED)</u>	
Evolution Roofing Ltd.	\$ 1,078,000.00
<u>Holy Trinity Church - Material Removal & Mould Remediation - 29-Jul-21</u>	
<u>(INVITED TENDER)</u>	
CP Construction Services Inc.	\$ 42,900.00
WM&M (1993) Ltd.	\$ 46,500.00
First OnSite Restoration Limited	Non-Compliant Bid
<u>Beach Grove Home - Partial Roof Replacement - 29-Jul-21 (INVITED TENDER)</u>	
	No Bid
<u>Morell 10 Unit Mixed Seniors & Family Housing - 16-Sep-21</u>	
MacLean Construction Ltd.	\$ 3,724,000.00
Ryson Interior Construction Ltd.	\$ 3,789,000.00

<u>Eliot River Elementary School Contract #5: New Addition - 23-Sep-21</u>	
WM&M (1993) Ltd.	\$ 3,674,000.00
Brighton Construction Inc.	\$ 3,938,000.00
Pomerleau Inc.	\$ 4,174,061.00
 <u>Georgetown 10 Unit Mixed Seniors & Family Housing - 28-Sep-21</u>	
WM&M (1993) Ltd.	\$ 3,319,000.00
Ryson Interior Construction Ltd.	\$ 3,560,000.00
MacLean Construction Ltd.	\$ 3,597,000.00
 <u>West Prince Community Health Centre - Site Work - 19-Oct-21</u>	
Kildare Construction Ltd.	\$ 983,000.00
Northern Enterprises Ltd.	\$ 242,999.00
 <u>Queen Elizabeth Hospital - Electrical Upgrade - 21-Oct-21</u>	
Hansen Electric Ltd.	\$ 2,207,000.00
G.J. Cahill & Company (1979) Limited	\$ 2,289,700.00
 <u>Prince County Hospital - Nurse Call System Replacement - 4-Nov-21</u>	
Ainsworth Inc.	\$ 680,000.00
R.I.K.S. Electric	\$ 820,000.00
Hansen Electric Ltd.	\$ 867,000.00
 <u>Electric School Bus Chargers (3 locations) - 9-Nov-21</u>	
Hansen Electric Ltd.	\$ 690,000.00
R.I.K.S. Electric	\$ 817,950.00
Ainsworth Inc.	\$ 1,220,000.00
 <u>Kings County Highway Depot - Contract #1: Site Work and Foundation - 2-Dec-21</u>	
WM&M (1993) Ltd.	\$ 2,376,000.00
 <u>Western Hospital - Basement Ventilation – 7-Dec-21</u>	
Wellington Construction Ltd.	\$ 174,895.00
 <u>Beach Grove Home - Emergency Power Generator - 16-Dec-21</u>	
Hansen Electric Ltd.	\$ 543,000.00
 <u>Hillsborough Hospital - Emergency Power Generator - 16-Dec-21</u>	
Hansen Electric Ltd.	\$ 45,000.00
 <u>Eptek Art and Cultural Centre - Electrical Upgrade - 16-Dec-21</u>	
Hansen Electric Ltd.	\$ 95,300.00

<u>Ecole Francois-Buote - Gym Lighting Replacement - 21-Dec-21</u>	
AMAC Electric (2004) Ltd.	\$ 14,830.00
R. Cudmore Electric Ltd.	\$ 21,542.00
Hansen Electric Ltd.	\$ 26,000.00
<u>Amherst Cove Consolidated School - Boiler Replacement - 15-Feb-22</u>	
Entire Mechanical Contractors	\$ 98,400.00
Ron's Plumbing & Heating Inc.	\$ 107,000.00
Precision Mechanical Inc.	\$ 114,600.00
Bevan Bros. Plumbing & Heating	\$ 118,000.00
Island Gas & Combustion Ltd.	\$ 119,246.00
<u>Alberton Community Health Centre - Phase 2: Construction - 17-Feb-22</u>	
FitzGerald and Snow (2010) Ltd.	\$ 6,770,000.00
WM&M (1993) Ltd.	\$ 6,908,000.00
Pomerleau Inc.	\$ 7,252,187.00
<u>Gulf Shore Consolidated School - Partial Roof Replacement - 10-Mar-22</u>	
Atlantic Metaclad Limited	Non-Compliant Bid
<u>Eliot River Elementary School Contract #6: Phase 2 Construction - 10-Mar-22</u>	
WM&M (1993) Ltd.	\$ 4,643,000.00
<u>Alberton Elementary School - Ventilation Upgrade - 15-Mar-22</u>	
Ron's Plumbing & Heating Inc.	\$ 1,298,000.00
<u>O'Leary Elementary School - Ventilation Upgrade - 15-Mar-22</u>	
Ron's Plumbing & Heating Inc.	\$ 1,180,000.00
<u>West Kent Elementary School - Ventilation Upgrade - 22-Mar-22</u>	
	No Bid
<u>Ecole Pierre-Chiasson - New Camera Security System - 24-Mar-22</u>	
Wilsons Security Limited	\$ 53,888.28
Hansen Electric Ltd.	\$ 77,500.00
<u>Cardigan Consolidated School - Ventilation Upgrade - 29-Mar-22</u>	
Entire Mechanical Contractors	\$ 544,455.00
Gavin Gill Inc.	\$ 555,000.00
J&S Sheet Metal Ltd.	\$ 641,700.00
<u>St. Jean Elementary School - Ventilation Upgrade - 29-Mar-22</u>	
	No Bid

Wedgewood Manor - Roof Replacement (Metal) - 31-Mar-22

13780171 Canada Corp	\$ 569,831.00
Quality Atlantic Builders Inc.	\$ 674,500.00
Evolution Roofing Ltd.	\$ 1,156,200.00
DeSantis Roofing & Renovations	Non-Compliant Bid

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2021 but under construction between April 1, 2021 to March 31, 2022:

- 32 Unit Seniors Complex - Pioneer Avenue
- Ellerslie Elementary School – Gym Floor Replacement
- L.M. Montgomery Elementary School – Partial Roof Replacement
- West Royalty Elementary School Addition
- Bluefield High School – Dust Collector Replacement
- Somerset Consolidated School – Humidification Upgrade
- Queens County Highway Depot – Electric School Bus Chargers
- Queen Elizabeth Hospital – New Air Handling Unit #2
- Provincial Correctional Centre Addition
- Ecole-sur-Mer and Centre Belle-Alliance Renovation and Addition

BUILDING MAINTENANCE AND ACCOMMODATIONS SECTION

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.

Building Maintenance and Accommodations Section projects included:

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

Prince County:

- Access PEI Alberton – Window Replacement
- Access PEI O’Leary – Brick Repointing
- Green Park – Barn Demolition
- Green Park Yeo House/Shipbuilding Museum – Exterior Painting
- Tyne Valley Youth Centre – New Metal Roof
- Slemon Park - Building 143 – Janitorial Services
- Slemon Park - DTI Maintenance Facility – Fence Relocation
- Access PEI Summerside – Interior Modifications
- Kensington Post Office – Roof Replacement
- Borden COVID-19 Testing Site – Generators

Queens County:

- 14 MacAleer Drive – Office Furnishings
- 14 MacAleer Drive J&PS Area – Janitorial Services
- 64 Park Street – New Fire Alarm System
- Aubin Arsenault Building – Roof Replacement
- Customs House – Roof Replacement
- J. Angus MacLean Building – Interior Painting
- Jones Building – Controls Upgrade
- Shaw Building – 3rd Floor Center Flooring Replacement
- Shaw Building – Office Furnishings
- Sullivan Building – Server Room HVAC Replacement
- Provincial Correctional Centre – New Dishwasher
- Royalty Centre – Electrical Service Upgrade
- Disposal of Triton Hand Sanitizer

Kings County:

- Lea Crane Building – New Metal Roof

Schedule of Construction Tenders Received Maintenance and Accommodations

April 1, 2021 - March 31, 2022

Window Replacement- Access Alberton - RFQ - 9-Apr-21

Haywood Construction	\$	14,000.00
Palmer Enterprises Ltd	\$	17,963.00
MacLellan Construction	\$	32,485.00

Customs House - Roof Replacement - Public - 15-Apr-21

No Bid

Roof Replacement - Aubin Arsenault Building - Public - 20-Apr-21

Atlantic Roofers Ltd	\$	40,247.00
Atlas- Apex Roofing (Nova Scotia) Inc	\$	102,700.00

Royalty Centre Electrical Service Upgrade - Public - 22-Apr-21

Olympia Electric Ltd	\$	219,000.00
Hansen Electric	\$	264,000.00
R. Cudmore Electric	\$	281,845.00
R.I.K.S. Electric	\$	395,000.00

Kensington Post Office - Roof Replacement - Public - 29-Apr-21

Brault Roofing (PEI)	\$	93,880.00
Atlantic Roofers Ltd	\$	94,217.00

Shaw Building - Office Furnishings - Public - 13-May-21

Chandler Office Environments	\$	8,509.83
Atlantic Business Interiors	\$	14,927.00

14 MacAleer Drive - Office Furnishings - Public - 13-May-21

HMS Office Supplies - Tender A	\$	20,499.00
Chandler Office Environments	\$	20,791.37
Atlantic Business Interiors	\$	23,761.00
HMS Office Supplies - Tender B	\$	6,790.00
Space Saver Systems	\$	8,769.00
Atlantic Business Interiors	\$	9,500.00

DTI Maintenance Facility Slemon Park-Fence Relocation - RFQ-27-May-21

Eastern Fence Products	\$	16,600.00
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Jones Building- Controls Upgrade - Public - 27-May-21

Memco Controls	\$	211,324.00
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Customs House - Roof Replacement - Invite - 10-Jun-21

AJCD Consulting Ltd	\$ 39,130.00
Brault Roofing (PEI) no asphalt roofers would price	
McBeth Roofers -not interested	
Ashe Roofing- not interested	

Building 143 Slemon Park Janitorial Services - Public - 10-Jun-21

United Janitorial Inc	\$ 128,029.78
SBC Facility Services	\$ 135,688.42
Hendrick Postma	\$ 210,200.00

Access PEI O'Leary - Brick Repointing - Invite - 15-Jun-21

Clark Masonry	\$ 11,800.00
Danny West	Not Interested
Island Masonry	Not Interested
Brick Laying West	Not Interested

14 MacAleer Drive J & PS Area -Janitorial Services - Invite - 8-Sep-21

United Janitorial Inc	\$ 39,761.91
City Wide Custodial	\$ 43,860.00
James Associates	\$ 48,900.00
A.J. Maintenance Ltd.	\$ 51,703.63
SBC Facility Services	No Bid
GDI Integrated Facility Services	No Bid
A-1 Building Cleaning Ltd	No Bid
BCL Services Ltd	No Bid
Eastern Building Cleaners Inc.	No Bid

Shaw 3rd Floor Center Flooring Replacement - Invite - 14-Sep-21

Tile Master	\$ 7,600.00
Flooring Canada	\$ 8,197.20
Loyalist Marble and Tile	\$ 8,980.00
M & M Furniture Carpet one	\$ 9,690.00

Sullivan Building - Server Room HVAC Replacement - Public - 5-Oct-21

Controls & Equipment Ltd	\$ 88,100.00
Jamieson Electric Option B	\$ 94,450.00
PMC Energy Limited	\$ 99,400.00
Entire Mechanical Contractors	\$ 123,800.00
Valley Refrigeration	\$ 126,000.00
Jamieson Electric Option A	\$ 126,450.00

Green Park - Barn Demolition - Invite - 12-Oct-21

Noye and Noye	\$	4,450.00
Northern Enterprises Ltd	\$	8,000.00

Borden Covid 19 Testing Site - Generators - RFQ - 15-Dec-21

Hansen Electric	\$	46,000.00
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Provincial Correctional Centre - New Dishwasher - Public - 21-Dec-21

Ferguson Sales	\$	100,500.00
Big Eric's Inc.	\$	108,393.87
Harold Snow Service Group	\$	108,500.00

Access Summerside - Interior Modifications - Public - 27-Jan-22

Steamatic PEI Inc	\$	27,850.00
House Call Home Improvements	\$	77,590.00

J. Angus MacLean Building - Interior Painting - Public - 8-Feb-22

CJL Painting	\$	15,648.00
Mallard Painting	\$	28,650.00

Disposal of Triton Hand Sanitizer - RFQ - 8-Feb-22

Clean Harbors	\$	28,808.28
GFL Environmental Services Inc.	\$	50,749.45

64 Park Street - New Fire Alarm System - Invite - 15-Feb-22

Hansen Electric Inc	\$	55,300.00
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New Metal Roof- Lea Crane Building - Public - 3-Mar-22

B Clinton Construction Ltd	\$	103,316.69
10886181 Canada Inc.	\$	264,831.00

Green Park, Yeo House/Shipbuilding Museum - Exterior Painting - Public - 17-Mar-22

Mallard Painting Inc.	\$	28,445.00
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Potato Service Building - Exterior Painting-Public - 7-Mar -22 (Cancelled)

Power Clean Pressure Washing- no bid deposit	\$	8,650.00
CJL Painting-no certified check a personal one	\$	14,225.00
Mallard Painting Inc. - over budget	\$	28,000.00

Tyne Valley Youth Center- New Metal Roof-Public - 17-Mar-22

Atlantic Metaclad	\$	146,200.00
Quality Atlantic Builders Inc	\$	179,500.00

Biomass Heat

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat for 46 Government facilities. The facilities which utilized biomass for the primary source of heat during FY 2021-2022 were:

- Athena Consolidated School
- Beach Grove Home
- Bluefield High School
- East Wiltshire Intermediate School
- Ecole Evangeline
- Ecole Francois Buote
- Ecole Sur Mer School
- Eliot River Elementary School
- Elm Street Elementary School
- Glen Stewart Primary School
- Hernewood Intermediate School
- Kensington Intermediate Senior High School
- ME Callaghan Intermediate School
- Miscouche Consolidated School
- Montague Intermediate School
- Morell Regional High School
- O’Leary Community Hospital
- Prince County Hospital
- Prince Edward Home
- Provincial Correctional Center
- Queen Elizabeth Elementary School
- Queens County Depot
- Riverview Manor
- Souris Hospital
- Souris Regional School
- Stonepark Intermediate School
- Stratford Elementary School
- Summerset Manor
- Summerside Intermediate School
- Summerside Seniors Housing Buildings D-H, J, and L
- Three Oaks Senior High School
- Tignish Elementary School
- Tignish Seniors Apartment #1
- Tignish Seniors Apartment #2
- Tignish Sign Shop
- Wedgewood Manor

- West Royalty Elementary School
- Western Hospital
- Westisle Composite High School
- Westwood Primary School.

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 Department's Climate Change and Indigenous Consultation activities and responsibilities are also coordinated and completed from within the Division. The Division provides the staff and resources required to:

- provide environmental management and regulatory compliance services for the Department, and for others conducting activities within the Provincial Right-of-Way;
- provide core land management and administration for all government lands and holdings, and real estate services on behalf of all government departments;
- provide land and engineering surveying services for the Department and other government agencies, provide expertise on boundary law and the law on public roads, and maintain the Provincial cadastral infrastructure;
- provide expertise on and coordination of indigenous consultation on behalf of the Department; and
- provide expertise on and coordination of climate change mitigation and adaptation measures relative to departmental activities, projects and assets.

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. Highlights of the Section's activities 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 and Infrastructure (DTI) and the Department of Environment, Energy, and Climate Action (DEECA).

Project Approvals

The EMS issues four types of project approvals. 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 four types of project approvals are:

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

The Section processed 288 environmental assessments/project approvals during 2021-2022, including 139 field approvals. A summary of the 288 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, and follow-up environmental compliance inspections on each project.

2021-2022 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DEECA Permit	Total
Prince	7	41	30	8	86
Queens	7	35	58	15	115
Kings	7	12	51	17	87
Province	21	88	139	40	288

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 2021-2022 for the various blanket approval types is provided in the following table:

2021-2022 Blanket Approval Summary

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings, Gravel and/or Asphalt Placement	39	8	2	49
Shore Access	-	2	2	4
Painting	-	-	1	1
Maintenance of Environmental Controls	14	17	6	37
Guardrail Reinstatement (with shoulder work)	2	7	4	13
Confederation Trail Surface and Slope Repairs	2	1	3	6
Confederation Trail Vegetation Management	5	13	6	24
Ditching (Smooth Bucket or Grading)	10	8	7	25
Brush Cutting	50	90	70	210
Timber Pile Bridge Minor Repair	-	3	2	5
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)	8	17	12	37
Surface Water Cross Culvert Replacement	15	15	8	38
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	3	17	10	30
Maintenance of Provincial Tap Drains	1	2	1	4
Repair/Replace Timber Floors	-	4	3	7
Shoulder Grading/Planning & Material Placement	35	40	31	106
Debris Removal from Structures	10	9	19	38
Asphalt Overlay	-	22	19	41
Total Blanket Approval Projects	194	275	206	675

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 2021-2022, 139 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 2021-2022, 88 EMS Approval-to-Proceed permits were issued.

EMS Approval-to-Proceed with DEECA Watercourse, Wetland or Buffer Zone Activity Permits

Projects which are approved under the EMS Approval-to-Proceed with DEECA 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 2021-2022, 40 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 2021-2022, 27 projects were audited by the Environmental Management Section. Of the 27 projects, 24 met the requirements of the permit and three met most of 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 DTI 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 2021-2022, EMS staff coordinated environmental management round-table discussion sessions with several TI Divisions. The topics of these sessions included TI 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.

Programs

- Joint Beaver Management Program with DEECA
- Highway-Related Beaver Management
- Environmental Audit Program
- Fish Passage Restoration Program
- Environment Fund Program
- Adopt-A-Highway Program
- Agricultural Siltation into ROW

Policies

- Fuel Spill Response Procedures
- Water Well Replacement Policy
- Wetland Conservation Policy
- Culvert Sizing Policy
- Approval-to-Proceed Renewal/Modification/Extension Policy
- Frequency and Documentation Required for Environmental Inspections
- Duty to Consult Operational Protocol

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; Queens County - Millman Road, Old Princeton Road, Warburton Road, Perry Road, Jacks Road, Junction Road and Klondyke Road; Kings 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, restoration requirements for affected ROW areas, etc.

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 DTI 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.

The Department replaced a hanging culvert on the Suffolk Road on Tim's Creek, a tributary to the Winter River. The existing culvert had presented a barrier to fish passage for the past 50 years. A new technique was used, an over-embedded culvert. This new technique created a natural stream bottom in a closed-bottom structure. The Department worked with the Department of Fisheries and Oceans and the Winter River/Tracadie Bay Watershed Association in the design and implementation of this project. It was the first installation of an over-embedded culvert in the Maritimes and resulted in the restoration of fish passage on this branch of the Winter River. This Spring, smelts migrated up this tributary for the first time in 50 years.

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 15 watershed and community groups on 30 projects during 2021-2022.

2021 was year three of the PEI Watershed Pilot Project. The Department collaborated with a selected watershed group in each of the three counties, to develop their priorities for the next two years of the Pilot Project. In Prince County, EMS and the Cascumpec/Hills River Watershed Group continued their partnership in developing environmental management plans and maintenance schedules for secondary roads in their watershed. The Department also assisted with the purchase of a portable coffer dam system to support the Group's work at watercourse crossings. EMS and the Winter River/Tracadie Bay Watershed Group partnered in the Tim's Creek Over-Embedded Culvert project which successfully restored fish passage to this tributary of the Winter River. The design and installation criteria was the first use of this methodology in the Maritime provinces and the project was a resounding success. In Kings County, EMS and the Souris Area Wildlife Federation continued with the plan for the Black Pond Watershed. The

Greenvale Road had millings applied, new check dams installed, and seeding applied to reduce sediment runoff in the upper reaches of the watershed. Plans for storm water management structures were developed and will be constructed in 2022.

EMS worked with the Morell Coop Watershed Association on a major project to replace the gabion deflectors on the Mooney Road section of the Morell River. This project restored pools and waterflow in critical fish habitat on the Morell. This was part of a compensation project for the Morell Highway Bridge Replacement project.

The wetland compensation project for the TCH Extension Cornwall/Clyde River was completed with final modifications and tree planting around several of the created wetlands. Stakeholders involved were Ducks Unlimited Canada, the North River Cornwall Watershed Association, the Central Queens Wildlife Federation, the Red Rock Retriever Club, along with local property owners.

Beaver Management

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) are 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 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 113 sites in 2021-2022.

Committee Participation

The EMS represents the Department on a number of inter-governmental and external committees. The following is a list of some committees that the EMS has participated on:

- 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* (NWP) 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.

NWP Approvals

Administered by Transport Canada, NWP 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 NWP 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.

Indigenous Consultation

The Department's Indigenous Consultation Coordinator provides advice, leads and manages the Department's activities in fulfilling the Crown's Duty to Consult with the Mi'kmaq of Prince Edward Island, through L'nuey. This position is a key interdepartmental liaison providing a wide range of strategic, operational and capacity building services. It facilitates meaningful engagement and consultation, ensuring appropriate documentation and internal communication, meetings, leadership and cultural competency with a variety of partners including the Government of Canada, municipalities, Mi'kmaq of Prince Edward Island and L'nuey.

Climate Change Adaptation and Mitigation

The Government of Prince Edward Island (PEI) including the Department of Transportation and Infrastructure (DTI) are completing actions to mitigate and adapt to climate change. Each division in DTI is responsible for perusing initiatives and designs that reduce or account for negative impacts resulting from climate change. DTI 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. Coastal engineering studies were undertaken at Basin Head, West Point, Miminegash and St. Peters, to develop inter-tidal reef and groyne protection structures to minimize coastal erosion and to protect critical infrastructures. DTI 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. DTI 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 GHG emissions.

THE 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 including: 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 are essential functions of the Office:

- 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; and
- coordinate survey training sessions and develop standards for engineering and legal surveying crews within the Department, as well as 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 2021-2022, approximately 107 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 2021-2022, the Office has opened approximately 37 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. Survey work was finalized along St. Peter's Road. Road acquisitions were completed along the St. Peter's Road corridor including one expropriation. The Office has assisted with the locations of corridors of Active Transportation lanes in various areas around the Province. Topographic surveys were completed for Ellerslie Elementary, Health PEI properties surrounding the Hillsborough and the Queen Elizabeth hospitals, Sherwood School, Kensington School and Ecole Francois Buote. Survey work was completed for a number of PEI Housing Corporation properties, various road acquisitions, utility easements and the Sherwood School boundaries.

Provincial Survey Reference System

The GNSS-based active control network has now been in use by Government survey crews for seven 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 were related to localized power outages in the areas where the stations are located. 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.

We continue to have 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 started to utilize drones for topographic surveys covering a wide range of projects. We are currently seeking software solutions that allow us to more efficiently process drone data and deliver topographic and terrain-based products to the Departments that frequently rely on our topographic surveys.

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. Examples of the types of real estate services that are commonly provided include:

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

Real estate services are also provided to other government agencies such as the English Language School Board, PEI Housing Corporation, 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.

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.

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 Committee.

As of March 31, 2022, there were approximately 2,298 essential properties (totaling approximately 103,193 acres) and 106 surplus properties (totaling approximately 357 acres) held in provincial ownership and under the management of various government departments. For the period April 1, 2021 to March 31, 2022, the Properties Section received 432 inquiries related to provincial property matters.

Property Leases - April 1, 2021 to March 31, 2022

For the period April 1, 2021 to March 31, 2022, there were 118 lease agreements on 105 provincial properties (1,403 approximate acres) generating a revenue of \$87,990 for this period.

In addition, there were an additional 306 lease or license agreements on 621 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 RLAF) - April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
262352	Wellington	50.00 acres	15,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife

Parcel	Location	Acreage	Amount	Notes
				Division) and paid for from Canada Nature Fund.
22966	North Enmore	88.00 acres	99,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
263871	Mont-Carmel	50.00 acres	33,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
262972	St-Raphael	40.00 acres	33,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
29173	Conway	114.00 acres	68,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
29231	Conway	97.00 acres	45,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
59345	Derby	45.00 acres	18,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
645267	Derby	53.00 acres	21,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action. (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
645275	Derby	67.00 acres	27,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.

Parcel	Location	Acreage	Amount	Notes
109710	East Baltic	90.00 acres	61,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
476481	Bear River North	50.00 acres	25,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
906453	Priest Pond	134.00 acres	91,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
688283	St. Margaret's	10.00 acres	10,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action (Forests Fish & Wildlife Division) and paid for from Canada Nature Fund.
99234	Breadalbane	0.12 acres	4,894.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
111344	North Lake	57.00 acres	75,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division). Canada Nature Fund paid \$60,000 and Ducks Unlimited paid \$15,000.
540963	Abney	2.86 acres	15,147.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
161992	Corrville	158.00 acres	63,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division). Canada Nature Fund paid \$48,000 and Ducks Unlimited paid \$15,000.
917351	Bear River North	68.00 acres	27,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife

Parcel	Location	Acreage	Amount	Notes
				Division) and paid for from Canada Nature Fund.
105767	Souris Line Road	50.00 acres	20,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
1146943	St. Teresa	9.00 acres	7,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
637736	Roseville	14.00 acres	85,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
618082	East Baltic	35.00 acres	28,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
853382	Five Houses	0.00 acres	8,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division). RLAFF paid \$67,000 and Canada Nature Fund (PCAN) paid \$8,000.
22913	North Enmore	50.00 acres	30,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
270785	Murray Harbour	0.20 acres	3,353.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
450775	Monticello	3.00 acres	5,410.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
27425	Ellerslie	0.50 acres	26,144.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
658104	Glenwood	0.56 acres	11,290.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
764456	St. Louis	0.18 acres	7,794.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
8177	St. Louis	0.25 acres	23,165.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
634311	Byrnes Road	0.22 acres	0.00	Acquired by way of a Consolidation Deed.
934042	Rustico	0.06 acres	2,668.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
453571	Bellevue	1.00 acres	4,365.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
1138023	Souris	27.93 acres	5,600.00	Property acquired to rectify lands erroneously conveyed.
859579	Martinvale	76.89 acres	0.00	Property acquired in exchange for a Tax Receipt.
855775	Cardigan	3.21 acres	0.00	Property acquired for parking purposes associated with trail development.
674218	Stanhope	1.93 acres	0.00	Acquired harbour site for the Department of Fisheries & Communities.
526343	Darnley	1.74 acres	0.00	Acquired harbour site for the Department of Fisheries & Communities.
286765	Murray River	1.5 acres	0.00	Acquired harbour site for the Department of Fisheries & Communities.
173591	Hermitage	6.03 acres	0.00	Portion of 1005925 acquired in land exchange and amalgamated with 173591.
Totals	40 Properties	1,457.18 acres	\$998,830.00	

Property Acquisitions (RLAF) - April 1, 2021 to March 31, 2022
(RLAF - Resource Land Acquisition Fund)

Parcel	Location	Acreage	Amount	Notes
28852	Conway	130.00 acres	55,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).

Parcel	Location	Acreage	Amount	Notes
49775	Cape Wolfe	3.71 acres	60,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
186635	Vernon River	77.00 acres	86,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
826768	Alaska	91.00 acres	32,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
853382	Five Houses	90.00 acres	67,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division). RLAF paid \$67,000 and Canada Nature Fund (PCAN) paid \$8,000.
Totals	5 properties	391.71 acres	\$300,000.00	

Easements Granted - April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
428748	Mount Pleasant	0.45 acres	0.00	Easement granted for access.
1142512	Mount Pleasant	0.85 acres	0.00	Easement was reserved out of a deed of conveyance for overhead utility infrastructure.
323683	Wood Islands East	0.185 acres	0.00	Easement granted to install underground fibre.
334359	Eldon	0.23 acres	0.00	Easement granted to install underground fibre.
322347	Summerside	0.02 acres	500.00	ROW granted for the relocation of an existing access over the Confederation Trail.
211086	Borden-Carleton	0.002 acres	0.00	Easement granted for the installation /maintenance for a new access.
1033257	Charlottetown	0.40 acres	0.00	Easement granted for the installation and future maintenance of a new box culvert.
283226	Milton Station	0.23 acres	0.00	Easement granted for pumping station.
Totals	8 properties	2.367 acres	\$ 500.00	

Easements Acquired - April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
1142504	Mount Pleasant	0.03 acres	0.00	Acquired easement to maintain war memorial monument.
846345	Stratford	0.34 acres	0.00	Acquired easement for walking trail and walking bridge.
879619	Mount Herbert	0.14 acres	3,750.00	Acquired easement for recreational trail.
534404	Scotchfort	3.50 acres	0.00	Acquired easement for access to scenic lookout site.
504290	Rosebank	1.66 acres	3,750.00	Acquired ROW for access to the lagoon.
192294	Charlottetown	0.008 acres	500.00	Acquired easement for infrastructure maintenance.
84186	Baltic	0.275 acres	500.00	Acquired easement for storm water management.
1093392	Brackley	1.209 acres	7,000.00	Acquired easement for storm water management.
235176	Millvale	0.021 acres	500.00	Acquired easement for maintenance on new bridge structure.
235218	Millvale	0.086 acres	500.00	Acquired easement for maintenance on new bridge structure.
230250	New Glasgow	0.03 acres	500.00	Acquired easement for storm water management.
230284	New Glasgow	0.02 acres	5,600.00	Acquired easement for maintenance of a retaining wall.
191643	Stratford	1.98 acres	0.00	Acquired easement for storm water management.
882084	Stratford	1.30 acres	0.00	Acquired easement for storm water management.
430009	Stratford	0.06 acres	0.00	Acquired easement for storm water management.
839365	Stratford	0.23 acres	0.00	Acquired easement for storm water management.
399873	Mount Albion	0.498 acres	0.00	Acquired easement for storm water management.
1125475	Bethel	0.11 acres	0.00	Acquired easement for storm water management.
899070	Clinton	0.77 acres	0.00	Acquired easement for storm water management.
289637	Stratford	0.57 acres	0.00	Acquired easement for a temporary turning area.

Parcel	Location	Acreage	Amount	Notes
674218	Stanhope	0.53 acres	0.00	Acquired ROW with a Transfer of Administration and Control from the Federal Government.
1109404	Cornwall	0.045 acres	0.00	Acquired easement for storm water management.
518910	Stratford	0.07 acres	0.00	Acquired easement for storm water management.
Totals	23 Properties	13.482 acres	\$ 22,600.00	

Disposals for Highways - April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
399873	Mount Albion	1.35 acres	0.00	Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
1093228	Cornwall	0.20 acres	0.00	Part of a land exchange with PID 771485, to correct an encroachment of storm water retention pond.
94789	North Granville	0.96 acres	0.00	Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
1042662	Grand River	0.096 acres	0.00	Portion of old roadbed closed and conveyed to adjacent landowner.
289298, 1109446 & 482307	Stratford	0.45 acres	0.00	Part of a land exchange with PIDs 518910, 398610 and 790253 for construction of a new access road.
Totals	7 Disposals	3.056 acres	\$0.00	

Acquisitions for Highways - April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
397000	Charlottetown	0.04 acres	48,378.00	Acquired for road widening.
396994	Charlottetown	0.059 acres	73,022.00	Acquired for road widening.
845693	Caledonia	0.54 acres	5,286.00	Acquired for road widening as part of the Caledonia Roundabout project.
191445	Stratford	0.13 acres	65,232.00	Acquired for road widening to accommodate an active transportation corridor.

Parcel	Location	Acreage	Amount	Notes
192344	Charlottetown	0.25 acres + 2-unit residential rental building	380,000.00	Acquired for new roundabout project.
1016070	Charlottetown	0.22 acres	360,000.00	Acquired for new roundabout project.
1014562	Charlottetown	0.023 acres	6,710.00	Expropriated for new roundabout project.
892737	Charlottetown	0.48 acres + house & building	508,050.00	Acquired for new roundabout project.
419150	Charlottetown	0.50 acres + house & building	568,825.00	Acquired for new roundabout project.
1149822	Tarantum	10.00 acres	65,000.00	Acquired for new roundabout project.
397018	Charlottetown	0.01 acres	6,000.00	Acquired for road widening.
213942	Searletown	0.28 acres	0.00	Acquired for road widening.
230268	New Glasgow	0.12 acres	20,000.00	Acquired for culvert replacement.
562322	Hazelbrook	0.018 acres	500.00	Acquired for road widening.
562330	Hazelbrook	0.018 acres	500.00	Acquired for road widening.
520874	Charlottetown	0.05 acres	15,500.00	Acquired for road widening.
192245	Charlottetown	1.10 acres	180,000.00	Acquired for new roundabout project.
882084	Stratford	5.28 acres	0.00	Acquired for new subdivision streets.
839365	Stratford	2.18 acres	0.00	Acquired for new subdivision streets.
70680	Summerside	2.42 acres	\$0.00	Acquired to create a cul-de-sac.
1149269	Georgetown	0.23 acres	13,000.00	Acquired to correct a storm water drainage issue.
405480	Crapaud	0.35 acres	0.00	Acquired for road widening.
398511	Stratford	0.05 acres	29,980.00	Acquired for road improvements.
771485	Cornwall	0.20 acres	0.00	Part of a land exchange with PID 1093228, to correct an encroachment of storm water retention pond.
1042662	Grand River	0.024 acres	0.00	Acquired for new roundabout project.
289637	Stratford	1.89 acres	0.00	Acquired for new subdivision streets.
899070	Clinton	1.14 acres	0.00	Acquired for new subdivision streets.
669721	North Rustico	0.12 acres	0.00	Acquired by Quit Claim to correct encroachment issue.
518910, 398610 & 790253	Stratford	0.353 acres	0.00	Part of a land exchange with PIDs 289298, 1109446 and 482307 for construction of a new access road.
Totals	31 Properties	28.075 acres	\$2,345,983.00	

Property Disposals (Not RLAF) – April 1, 2021 to March 31, 2022

Parcel	Location	Acreage	Amount	Notes
649434	St. Lawrence	0.34 acres	750.00	Tax sale property sold to adjacent landowner by Restricted Tender.
24851	Mt. Pleasant	1.00 acres	500.00	Tax sale property sold to adjacent landowner by Restricted Tender.
251074	Gaspereaux	1.00 acres	7,500.00	Tax sale property sold as a result of being advertised on the Government website.
654830	Hopefield	2.00 acres	10,000.00	Tax sale property sold as a result of being advertised on the Government website.
218719	Bonshaw	0.32 acres	1,275.00	Disposed of property to adjacent landowner by Restricted Tender.
388736	West Royalty	2.48 acres	0.00	Disposed of a portion of vacant land to construct a 30-unit seniors' building.
467134	Tignish	0.28 acres	5,005.00	Tax sale property sold to adjacent landowner by Restricted Tender.
474080	Tignish	0.28 acres	5,005.00	Tax sale property sold to adjacent landowner by Restricted Tender.
129940	Watervale	1.00 acres	800.00	Tax sale property sold to adjacent landowner by Restricted Tender.
553669	Lennox Island	22.31 acres	0.00	Disposed of water lot for the purpose of expanding the wharf.
718346	Baie-Egmont	0.55 acres	25,050.00	Tax sale property sold by way of Public Tender.
56697	West Devon	0.10 acres	250.00	Tax sale property sold to adjacent landowner by Restricted Tender.
481101	Milburn	0.35 acres	15,100.00	Tax sale property sold by way of Public Tender.
544890	Crapaud	0.40 acres	0.00	Property conveyed to adjacent landowner.
173591	Hermitage	2.81 acres	0.00	Portion of 173591 conveyed in exchange for a portion of 1005925.
534404	Scotchfort	15.00 acres	0.00	Property conveyed to First Nation.
238709	Cymbria	0.35 acres	1,000.00	Tax sale property sold to adjacent landowner by Restricted Tender.
428748	Mt. Pleasant	27.12 acres	0.00	Property conveyed to First Nation.
213900	Searletown	1.20 acres	1,007.00	Tax sale property sold to adjacent landowner by Restricted Tender.
230433	New Glasgow	0.06 acres	1,100.00	Tax sale property sold to adjacent landowner by Restricted Tender.
553248	Mount Albion	0.15 acres	500.00	Tax sale property sold to adjacent landowner by Restricted Tender.

Parcel	Location	Acreage	Amount	Notes
150474	Fortune Bridge	0.16 acres	300.00	Disposed of a portion of vacant land to rectify failed septic system issue.
606962	Tryon	0.70 acres	1,000.00	Disposed of property by Restricted Tender to adjacent landowner.
853135	Degros Marsh	0.90 acres	5,000.00	Tax sale property sold as a result of being advertised on the Government website.
847574	Bangor	0.79 acres	0.00	Property conveyed to First Nation.
188177	Bangor	1.47 acres	0.00	Property conveyed to First Nation.
609602	Bangor	1.00 acres	0.00	Property conveyed to First Nation.
99234	Breadalbane	0.12 acres	1,550.00	Tax sale property sold to adjacent landowner by Restricted Tender.
632596	O'Leary	0.25 acres	5,000.00	Tax sale property sold as a result of being advertised on the Government website.
805523	Coleman	0.42 acres	1,137.00	Tax sale property sold to adjacent landowner by Restricted Tender.
59501	Milo	1.65 acres	2,500.00	Tax sale property sold to adjacent landowner by Restricted Tender.
150896	Fortune	4.60 acres	8,696.00	Disposed of former school property.
Totals	32 Disposals	91.16 acres	\$100,025.00	

CAPITAL PROJECTS DIVISION

CHIEF ENGINEERS 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 our 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, the reduction 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 FY2021/2022 was approximately \$61,065,559.13. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

The funding agreement, New Build Canada Fund, with Ottawa 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 2021-2022 including 7 large projects including Route 2 East Royalty Roundabouts, Route 2 – Woodstock, Route 4- Albion Cross, Route 1 – Desable/Green Road, Route 3- New Perth, Route 2 – Flat River and Route 2- Guard Road/Bloomfield Corner.

The New Deals for Cities and Communities provided federal funding for 9 projects including East Royalty Roundabout, Charlottetown Perimeter Highway Paving, Route 4 – Albion Cross, Jessie Street- Cornwall and Aerospace Boulevard in Slemon Park as well as others.

Capital Projects completed 12 projects under the Investing in Canada Plan (ICIP) including 6 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 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.

Highways and Bridges

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 their 5-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 Build Canada Fund, New Deals for Cities and Communities funding and ICIP.

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 considering 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.

Provincial Subdivisions 2021 – 2022

Queens County									
Subdivision Name Location	SD #	Street Names	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
West River Estates – Phase 2 - Cornwall	910	Morgan Street, Water Edge Lane, Mill Pond Lane	0.0	0.0	0.0	0.0	0.95	0.0	0.0
Clearview Estates – Phase 3 -	250	McGregor Drive	0.45	0.45	0.45	0.45	0.45	0.0	0.45

Queens County									
Subdivision Name Location	SD #	Street Names	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Stratford									
Clinton Cul-de-sac	942	Lenny's Lane	0.19	0.19	0.19	0.19	0.19	0.0	0.19
Kelly Heights – Phase 1 - Stratford	926	-Kelly Heights -Swallow Drive -Captain James Crescent	1.16	1.16	1.16	1.16	1.16	0.0	1.16
City View Drive Ext. - Mermaid	912	City View Drive	0.19	0.19	0.19	0.19	0.19	0.0	0.19
Rankin Subdivision	941	-Woodhouse Court -Smallwood Terrace	0.40	0.40	0.40	0.40	0.40	0.0	0.4
Provincial Totals			2.39	2.39	2.39	2.39	3.34	0.0	2.39

Highways & Bridges Tenders Received

New Glasgow Route 13 Bridge - Structure Replacement- April 1, 2021

Highfield Construction	\$ 164,163.40
Island Construction Services	\$ 287,989.00
Noye & Noye Limited	\$ 317,383.40

Chepstow Bridge - Structure Replacement - April 1, 2021

Chapman Bros. Construction Ltd.	\$ 1,284,020.40
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Route 2 & Gard Road - Bloomfield - April 8, 2021

Chapman Bros. Construction Ltd.	\$ 711,765.00
Curran & Briggs Limited	\$ 741,613.80

Route 152 - St. Edward/Ebbsfleet/Miminegash- April 8, 2021

Chapman Bros. Construction Ltd.	\$ 772,945.00
Curran & Briggs Limited	\$ 782,730.40

Route 26 - Alexandra - April 8, 2021

The Island Construction Ltd.	\$ 1,092,930.00
Chapman Bros. Construction Ltd.	\$ 1,104,608.20

MacIntyre Ave. - Montague - April 8, 2021

Kings County Construction Ltd.	\$ 355,269.70
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Route 15 - Brackley - May 13, 2021

The Island Construction Ltd.	\$ 763,415.50
Chapman Bros. Construction Ltd.	\$ 779,898.00

Route 17 - Lower Montague – May 13, 2021

Chapman Bros. Construction Ltd.	\$ 498,160.00
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Route 20 - Kensington - May 13, 2021

Curran & Briggs Limited	\$ 538,504.00
Chapman Bros. Construction Ltd.	\$ 542,285.25

Linkletter Ave - Central Bedeque - May 13, 2021

Curran & Briggs Limited	\$ 318,786.70
Chapman Bros. Construction Ltd.	\$ 346,940.00

Morell Bridge - Structure Replacement - June 8, 2021

Highfield Construction	\$ 5,989,035.05
Dunbar Construction	\$ 7,256,835.00
Noye and Noye Limited	\$ 8,590,604.00
7305516 Canada Ltd.	\$ 9,640,597.32

Jessie Street Extension- Cornwall - June 10, 2021

Island Coastal Services Ltd.	\$ 493,708.20
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Route 3 - New Perth - June 10, 2021

Chapman Bros. Construction Ltd.	\$ 1,292,918.40
Island Construction Ltd.	\$ 1,306,872.90

Route 1 - Desable/Green Road 2021 - June 24, 2021

Chapman Bros. Construction Ltd.	\$ 2,064,261.00
The Island Construction Ltd.	\$ 2,097,605.45

Route 1 – Charlottetown (Upton Road Active Transportation Trail) 2021 - June 24, 2021

Island Coastal Services Ltd	\$ 431,554.16
Stewart Enterprise Ltd.	\$ 486,532.75
Chapman Bros Construction Ltd.	\$ 597,687.50

Little Harbour - Structure Replacement - July 8, 2021

Noye and Noye Limited	\$ 5,180,187.00
Highfield Construction	\$ 5,292,918.00
7305516 Canada Ltd.	\$ 5,321,183.14

Dingwells Mills - Structure Replacement - July 8, 2021

Chapman Bros. Construction Ltd.	\$ 1,431,393.60
Island Coastal Services Ltd.	\$ 1,462,592.22

<u>Stewarts Creek Bridge- Structure Replacement - July 15, 2021</u>	
Gaudette's Transit Mix	\$ 228,706.66
Noye and Noye Limited	\$ 275,879.60
7305516 Canada Ltd.	\$ 409,196.83
<u>Wilmot River (Red) Bridge - Structure Rehabilitation - August 17, 2021</u>	
Noye and Noye Limited	\$ 1,532,155.00
<u>St. Nicholas Confederation Trail Bridge - Structure Replacement - August 26, 2021</u>	
Gaudette's Transit Mix Ltd.	\$ 261,073.75
7305516 Canada Ltd.	\$ 368,094.75
<u>Mount Tryon Bridge - Structure Replacement - September 2, 2021</u>	
Noye & Noye Limited	\$ 598,695.00
<u>Route 1 - Hillsborough Bridge - September 2, 2021</u>	
The Island Construction Ltd.	\$ 1,735,094.41
Chapman Bros. Construction Ltd.	\$ 2,003,739.00
<u>Route 6 & 13 - Cavendish - September 9, 2021</u>	
The Island Construction Ltd.	\$ 848,846.82
Chapman Bros. Construction Ltd.	\$ 864,221.00
Curran & Briggs Ltd.	\$ 879,447.80
<u>Prince Edward Home Active Transportation Trail 2021 - September 29, 2021</u>	
Island Coastal Services Ltd.	\$ 114,414.00
<u>Grove Pine Road Bridge - Structure Replacement - October 7, 2021</u>	
Highfield Construction	\$ 336,576.00
Noye & Noye Limited	\$ 522,990.00
<u>Burlington Bridge- Structure Replacement - October 7, 2021</u>	
Island Coastal Services Ltd.	\$ 183,400.00
Noye & Noye Limited	\$ 238,685.00
<u>St. Teresa Bridge- Structure Replacement- October 7, 2021</u>	
Chapman Bros. Construction Ltd.	\$ 386,999.80
<u>Milton Station - Structure Replacement - October 28, 2021</u>	
Highfield Construction	\$ 1,329,420.00
Chapman Bros. Construction Ltd.	\$ 2,396,772.80
<u>Cedar Dune- West Point Reefs and Groyne 2021 - November 4, 2021</u>	
Stewart Enterprises Ltd.	\$ 1,358,625.00
Birch Hill Construction	\$ 1,726,920.00

Gaudette's Transit Mix Ltd.	\$ 1,805,320.00
Noye & Noye Ltd.	\$ 1,932,400.00
<u>Pinette Slipway & Access Reconstruction – Pinette- November 4, 2021</u>	
JD Marine and Diving Inc.	\$ 246,609.90
Cardigan Excavators Ltd.	\$ 248,954.41
<u>North Cape Shoreline Protection 2021 - December 9, 2021</u>	
Stewart Enterprises Ltd.	\$ 780,775.00
Gaudette's Transit Mix Ltd.	\$ 837,520.00
Noye & Noye Limited	\$ 1,072,600.00
Birch Hill Construction	\$ 1,100,563.21
<u>Borden-Carleton Plants 2022 - January 26, 2022</u>	
Somerset Gardens Inc.	\$ 54,365.40
<u>Route 231- Crapaud - February 24, 2022</u>	
Curran & Briggs Limited	\$ 378,070.90
Landmark Construction	\$ 425,912.56
Island Coastal Services Ltd.	\$ 432,761.94
Birch Hill Construction Ltd.	\$ 685,494.00
<u>Route 10 - Borden Carleton - February 24, 2022</u>	
Curran & Briggs Limited	\$ 152,637.00
Chapman Bros. Construction Ltd.	\$ 162,295.00
<u>Route 20 - Kensington/Malpeque - February 24, 2022</u>	
Curran & Briggs Limited	\$ 544,109.00
Chapman Bros. Construction Ltd.	\$ 574,673.00
<u>Miminegash Intersections Improvements - February 24, 2022</u>	
Curran & Briggs Limited	\$ 119,982.60
Chapman Bros. Construction Ltd.	\$ 157,991.60
<u>Route 21 – Pisquid West – February 24, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 597,199.10
The Island Construction Ltd.	\$ 605,400.10
<u>Route 2 – Midgell - February 24, 2022</u>	
The Island Construction Ltd.	\$ 334,894.50
Chapman Bros. Construction Ltd.	\$ 340,634.50
<u>Route 15 - Brackley – February 24, 2022</u>	
The Island Construction Ltd.	\$ 516,222.10
Chapman Bros. Construction Ltd.	\$ 533,976.00

<u>North Enmore Bridge - Structure Replacement - February 24, 2022</u>	
Noye & Noye Limited	\$ 463,663.00
<u>Sea View Bridge - Structure Replacement - February 24, 2022</u>	
Noye & Noye Limited	\$ 361,989.00
Island Coastal Services Ltd.	\$ 434,756.56
Birch Hill Construction	\$ 578,919.48
<u>Glenwilliam Route 324 - Structure Replacement - February 24, 2022</u>	
Chapman Bros. Construction	\$ 1,506,272.10
Island Coastal Services Ltd.	\$ 1,613,627.05
Birch Hill Construction	\$ 1,888,765.35
<u>Barrett Street- Kensington - March 1, 2022</u>	
Curran & Briggs Limited	\$ 366,617.40
Birt & MacKay Backhoe Services Ltd.	\$ 398,137.46
Island Coastal Services Ltd.	\$ 464,262.50
Birch Hill Construction	\$ 669,267.00
<u>Route 1- TCH Stratford Roundabout – March 17, 2022</u>	
Island Coastal Services Ltd.	\$ 5,398,197.02
The Island Construction Ltd.	\$ 5,549,603.82
Chapman Bros. Construction Ltd.	\$ 5,565,394.54
<u>Route 6 - North Rustico - March 17, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 466,913.00
The Island Construction Ltd.	\$ 480,850.50
<u>Route 12 - Alberton/Central Kildare- March 17, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 132,709.50
Curran & Briggs Limited	\$ 137,076.50
<u>Route 1 - Vernon Bridge - March 17, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 713,730.00
The Island Construction Ltd.	\$ 716,095.50
<u>Bayview Bridge – Structure Replacement - March 31, 2022</u>	
Dunbar Construction Ltd.	\$ 6,437,046.00
Highfield Construction	\$ 6,769,226.00
<u>Launching Road - Structure Replacement - March 31, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 663,061.00

Western Region – Highways and Bridges

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
¹ Aerospace Boulevard Slemon Park	0.28	0.28	0.28	0	0	0.28	0.28	0.28	0	0.28
² Cedar Dunes - West Point Reefs and Groyne	0	0	0	0	0	0	0	0	0	0
Church Hill Avenue - North Rustico	0.83	0	0	0	0.83	0	0.83	0	0	0
³ Jessie Street Extension - Cornwall	0.2	0.2	0.2	0	0	0.2	0.2	0.2	0	0.2
⁴ Linkletter Avenue - Central Bedeque	0.541	0.084	0.084	0	0.457	0.084	0.541	0.084	0	0.541
⁵ North Cape Shoreline Protection	0	0	0	0	0	0	0	0	0	0
⁶ Prince Edward Home AT Trail	0.35	0.35	0.35	0	0	0.35	0.35	0.35	0	0.35
⁷ Route 1 - Charlottetown (Upton Road AT Trail)	1.08	1.08	1.08	0	0	1.08	1.08	1.08	0	1.08
⁸ Route 1 - Crapaud Right Turn Lane	0.165	0.165	0.165	0	0	0.165	0.165	0.165	0	0.165
⁹ Route 1- Desable/ Green Road Left Turn Lane	3	0.565	0.565	0	3	0.565	3	0.565	0	3
Route 2 - Woodstock	2.92	0	0	0	2.92	0	2.92	0	0	0
¹⁰ Route 2 & Guard Road - Bloomfield	0.97	0.12	0.12	0	0.97	0.12	0.97	0.97	0	0.97
¹¹ Routes 6 & 13 - Cavendish AT Trail	3.02	1.22	1.22	0	1.8	3.02	3.02	3.02	0	1.22
¹² Route 13 - Crapaud	1.59	0.59	0.59	0	1	0.59	1.59	0.59	0	0.59

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
¹³ Route 13 - New Glasgow/Mayfield	3.2	0	0	0	3.2	0	3.2	3.2	0	0
Route 20 - Kensington	2.43	0	0	0	2.15	0	2.43	0	0	0
Route 27 - Clyde River	1.15	0	0	0	0	0	1.15	0	0	0
Route 27 - Cornwall	0.96	0	0	0	0	0	0.96	0	0	0
Route 143 - Howlan	1.62	0	0	0	1.62	0	1.62	0	0	0
Route 152 - St. Edward/ Ebbsfleet/ Miminegash	3.3	0	0	0	3.3	0	3.3	0	0	0
¹⁴ Routes 224 & 251 – Wheatley River Roundabout	0.258	0.258	0.258	0	0.258	0	0.258	0.258	0	0.258
Western Region Totals	27.864	4.912	4.912	0.00	21.505	6.454	27.864	10.762	0	8.654

Footnotes

¹ Involved the installation of roadway culverts and concrete curb.

² Involved constructing five inter-tidal reefs, one terminal groyne and temporary access berms.

³ Involved the installation of a water main, a sanitary sewer system and full road construction.

⁴ Involved the installation of storm sewer and catch basins.

⁵ Involved building out the existing bank with Select Borrow, installing filter fabric and placing armour stone.

⁶ Involved the installation of roadway culverts and full construction of an Active Transportation Trail.

⁷ Involved the installation of culverts, extension of a concrete box and installation of concrete mountable curb.

⁸ Involved the installation of roadway culverts.

⁹ Involved building out the shoulder of the road to make room for a new left turn lane.

¹⁰ Involved the installation of roadway culverts.

¹¹ Involved the installation of storm sewer and catch basins.

¹² Involved the installation of roadway culverts and full reconstruction of a section of the road.

¹³ Involved the installation of roadway culverts, storm sewer, catch basins, a retaining wall and concrete curb and gutter.

¹⁴ Involved the installation of roadway culverts, concrete medians and concrete curb.

Eastern Region – Highways and Bridges

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon- struction	To Be Sealed	New Pavement
Route 1 - Flat River	1.84	0.00	0.00	0.00	1.84	0.00	1.84	0.00	0.00	0.00
Charlottetown Perimeter Highway - Charlottetown	2.70	0.00	0.00	0.00	0.00	0.00	2.70	0.00	0.00	0.00
Route 2 - Farmington	2.10	0.85	0.85	0.00	1.25	0.85	2.10	0.85	0.00	0.00
Route 2 - East Royalty Roundabouts	1.98	0.68	0.68	0.00	1.30	0.68	1.98	1.30	0.00	0.68
Route 4 - Albion Cross	1.70	0.35	0.35	0.00	1.35	0.35	1.70	0.00	0.00	0.00
Route 326 - Montague	0.70	0.50	0.50	0.00	0.00	0.50	0.70	0.50	0.00	0.00
Route 210 – Montague (Queens Road)	0.80	0.00	0.00	0.00	0.80	0.00	0.86	0.00	0.00	0.00
Rte 26 - Alexandra	7.92	0.00	0.00	0.00	0.00	0.00	7.92	0.00	0.00	0.00
MacIntyre Avenue Montague	0.54	0.28	0.28	0.00	0.26	0.28	0.54	0.00	0.00	0.00
Rte 15 - Brackley	6.50	0.00	0.00	0.00	0.00	0.00	6.50	0.00	0.00	0.00
Rte 17 - Lower Montague	3.87	0.00	0.00	0.00	0.00	0.00	3.87	0.00	0.00	0.00
Rte 3 - New Perth	3.35	0.00	0.00	0.00	3.35	0.00	3.35	0.00	0.00	0.00
Rte 1 - Hillsborough Bridge	1.56	0.00	0.00	0.00	0.00	0.00	1.31	0.00	0.25	0.00
Eastern Region Totals	35.56	2.66	2.66	0.00	10.15	2.66	35.37	2.65	0.25	0.68

Eastern Region - Miscellaneous Projects

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Rte 1 - Pinette Slipway Realignment	0.15	0.10	0.10	0.00	0.00	0.05	0.05	0.10	0.00	0.05
Entry Point Testing - Wood Islands Parking Lot	0.23	0.23	0.23	0.15	0.00	0.00	0.08	0.23	0.00	0.08
Basin Head Groynes - Basin Head	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Eastern Region Miscellaneous Projects Totals	0.48	0.33	0.33	0.15	0.00	0.05	0.13	0.33	0.00	0.13

MATERIALS AND SOILS SECTION

Asphaltic Concrete

A total of seven asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 305,033.55 tonnes of asphaltic concrete was produced in 2021. 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 638 asphalt mix samples were collected and analyzed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 478.11 tonnes of asphalt mix produced. A total of 266 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 and reclaimed asphalt pavement (RAP). 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	446
Sieve Analysis Extractions	652
Specific Gravity	61
Soundness	24
Abrasion	21
Crush Count	19
Sand Equivalent	15

Flat & Elongated Particles	18
Uncompacted Voids Fine Aggregate	7
Micro-Deval	28

In addition, 14 Marshall mix designs were completed to determine aggregate proportions and optimum asphalt cement contents. Also, 24 Stripping tests were completed to determine the extent of stripping from the various aggregate sources. This includes stripping tests done on plant produced 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 eight samples were tested.

Type of Test	Number of Tests
Specific Gravity	8
Penetration	0

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 252 samples were processed during the year.

Type of Test	Number of Tests
Sieve Analysis	252
Moisture-Density	24
Compaction Test	1408
Specific Gravity	5

Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the 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 455 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 68 samples were obtained from four different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 13 atterberg limit tests, 13 hydrometer analysis and 12 organic indicator tests were also completed.

Concrete

Testing and inspection services were provided for the following Projects:

- Aerospace Boulevard – Slemon Park
- Crapaud Bridge - Structure Replacement
- Dingwell Mills Bridge - Structure Replacement
- Hillsborough Bridge Active Trail
- Jessie Street - Cornwall
- Little Harbour Bridge- Structure Replacement
- MacIntyre Avenue - Montague
- Milton Station Route 2 - Structure Replacement
- Morel Bridge – Structure Replacement
- Morel Confederation Trail Bridge - Structure Replacement
- Mount Tryon Bridge - Structure Replacement
- Oyster Bed Bridge – Structure Replacement
- Route 1 – Charlottetown Active Transportation Trail
- Route 2 – East Royalty Roundabout - Charlottetown
- Route 210 – Montague (Queens Road)
- Stewart Creek Bridge – Structure Replacement
- St. Nicholas Trail Bridge - Structure Replacement
- St. Peters Road – Structure Replacement
- Wheatley River Roundabout Route 224 & 251
- Grove Pine Bridge Structure Replacement
- Pinette Slipway & Access Reconstruction

A total of 462 concrete test cylinders were tested for compressive strength. A total of 496 slump tests and 496 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 Region's Highway and Bridge Projects tables located elsewhere in this report.

The following is a list of bridges and the work carried out by the Department or on behalf of the Department:

Bridge	Work Completed
Rte 13, Crapaud (Q1-052)	Carry over work (asphalt, barrier, sanitary)
Rte 13, New Glasgow (AQ-107)	Structure replacement, asphalt
Rte 239, Millvale (Q1-036)	Structure replacement, asphalt
Rte 16, Chepstow (K1-031)	Structure replacement, asphalt
Morell Confederation Trail (K0-002)	Structure replacement
Rte 2, Dingwells Mills (K5-007)	Design, tender, structure replacement, asphalt
Rte 2, Morell (K2-015)	Design, tender, structure replacement
Main Rte 60098, Grove Pine Road (K5-001)	Design, tender, structure replacement
Rte 11, North Enmore (P2-038)	Design, tender
Rte 6, Bayview (Q1-002)	Design, tender
Rte 11, Ox River (P2-035)	Design
Rte 143, Coughlin Road (P1-093)	Design
Rte 6, Rusticoville (Q2-024)	Prelim Design
Rte 2, Cains (P1-003)	Prelim Design
Rte 4, Bridgetown (K3-008)	Geotechnical investigation, topo survey, prelim design
Rte 12, Doyles (P1-036)	Geotechnical investigation, topo survey

Pre-cast Structure Purchase

The Department did not procure any precast concrete elements.

Timber Material Purchase

The Department did not procure any timber elements.

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
- Timber Boxes
- Concrete Bridge/Timber Extensions
- 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 several components:

- 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 - Responsible for inventory control for the materials being sent to the various projects across the Island.
- Boom Truck - Responsible for transporting the construction materials to the maintenance crews and construction sites.
- Construction Crews - Six crews are responsible for the yearly maintenance work carried out by the Bridge Section.

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

In addition to the goals of ensuring the integrity of structures, the Bridge Maintenance Section assists other agencies in achieving their objectives by improving fish passages by installing baffles within structures, protection of stream banks by the placement of gabion baskets, and the creation of fish habitat by installing natural bottoms in some of the structures.

HIGHWAY DESIGN SECTION

DTI 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 DTI surveyors
- pre-tender estimates, and post-construction quantities.
- road design assistance for several in-hose bridge replacement projects.

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

Project List:

Route	Area of Design Work Done
Route 1 - Trans Canada Highway	<ul style="list-style-type: none"> • Stratford Roundabout - Design coordination with consultant and facilitating the delivery of construction layout information from the consultant to DTI • Stratford – Design and tender of AT Trail, storm sewer, curb and center median connecting the new roundabout to existing conditions at the Esso intersection • DeSable – Left turn lane onto Old Tryon Road and new commercial access – design revisions and construction layout information • COVID-19 testing sites in Borden and Wood Islands – Surface and drainage design; facility, lanes, and tent layout plans • Upton Road – Crosswalk location plans and layout information • Right Turn Lane onto Sherwood Forest Drive - Design revisions and layout information
Route 2	<ul style="list-style-type: none"> • Farmington Reconstruction – Design and layout information • Dingwells Mills – Design and layout information for curbed Route 2/Route 3 intersection median • East Royalty Roundabouts – design revisions and construction layout information for the Oakland and Angus Dr intersections and facilitating the delivery of construction layout information from the consultant to DTI for the MacWilliams intersection • Gard Road – Coordination with consultant on delivery of construction layout information
Route 6	<ul style="list-style-type: none"> • Cavendish to MacCoubrey Lane Active Transportation Trail and Drainage Design – Design coordination with consultants’ additional in-house design revisions
Route 11	<ul style="list-style-type: none"> • Linkletter Potential Future Rural Roundabout – Additional preliminary planning with consultant and design review
Route 12	<ul style="list-style-type: none"> • Kildare Bridge Approaches - Vertical reconstruction design
Route 13	<ul style="list-style-type: none"> • New Glasgow Road Widening – Storm sewer design and retaining wall layout information • Cawnpore Lane Cavendish Active Transportation Trail and Drainage Design – Design coordination with consultants • Brookvale Route 13/235 Potential Future Roundabout – preliminary planning with consultant
Route 16	<ul style="list-style-type: none"> • Elmira Road Intersection, South Lake - Design coordination with consultant
Route 27	<ul style="list-style-type: none"> • Main Street Cornwall – Left turn lane revisions and layout information onto Jessie Street • Cylde River – Design and layout information for partial demolition/ decommissioning of old TCH lanes

Route	Area of Design Work Done
Route 152	<ul style="list-style-type: none"> • Montrose Route 152/153 Intersection Realignment – Design and issued for tender drawings
Route 210	<ul style="list-style-type: none"> • Victoria Cross Rural Roundabout – Preliminary Design Option Revisions
Route 224	<ul style="list-style-type: none"> • Wheatley River Mini Roundabout – Additional construction layout information
Route 226	<ul style="list-style-type: none"> • Darlington - Reconstruction design for sight distance
Route 231	<ul style="list-style-type: none"> • Inkerman Road Crapaud – Storm sewer design and tender drawings
Route 313	<ul style="list-style-type: none"> • Greenwich Active Transportation Trail – planning, preliminary design, and issued for review drawings
Miscellaneous	<ul style="list-style-type: none"> • Sherwood-Parkdale Four Neighborhoods Health Centre - Surface and drainage design for parking lot expansion • Prince Edward Home – Design of active transportation trail, drainage, and general access improvements • Rink Road, Tyne Valley – Planning and reconstruction design for road upgrades • Mimminegash Intersection Improvements – Design and issued for tender drawings • Bedeque, Linkletter Avenue Storm Sewer and Widening - Coordination with consultant on design revisions on construction layout information • Bedeque Baseball Field – Drainage design in conjunction with the Linkletter Avenue project • North Cape – Shoreline protection plan and construction layout information • Bagnall Road Intersection Improvements – Design and paint line layout plan for maintenance • Searletown - Ditch drainage improvement plan • St. Teresa Structure Replacement - Design and construction layout provided for detour roads • Burlington Structure Replacement – Design and construction layout provided for detour roads • Aerospace Boulevard Slemon Park New Access Road – coordination with consultant on the delivery of revised construction layout information • Vertical profiles and sight distance checks at various existing and proposed access locations • Sand Pile Volume Calculations • Roadway vertical profile and superelevation checks for various bridge structure replacement projects • Pre-tender estimates for all design projects • Horizontal centerline geometry and paint line layouts for various cold plane, level, and seal projects

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 Directional Signage, 911 signage, signing detours, Covid-19 testing and regulation sign removal, as well as some construction signage installation and removal. 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 19 new signs manufactured for new clients and 31 signs that were damaged or faded were replaced. There were 9 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 including 150Km of recapped pavement. In addition to this, 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 107 kilometers of Collector Highways including approximately 12Km of new shoulders. 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 Kings County and Queens County. Permanent markings were applied to some major intersection and upgraded intersections as part of capital upgrades.

Highway Lighting

Maintenance of highway lighting was carried out by Hansen Electric in Queens County and by Foster Campbell Electric Ltd. in Kings County.

Area lighting was improved in the region by continuing the installation of LED fixtures, replacing high pressure sodium fixtures within the Province. New lighting was installed at the new roundabouts in East Royalty and along the approaches to the roundabouts. New Rapid Flashing Beacons were added to various crosswalks to increase visibility of the pedestrians. New flashing beacons were installed to enhance the visibility of some stop signs throughout the province.

Temporary traffic lights, flashing beacons and lighted barricades were used for detours and in advance of some major highway and bridge 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, commercial operations, and subdivision requests. 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 28 new signs manufactured for new clients also 2 patched for changes in regard to locations and 6 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 815 km of existing highway by the centerline striping machine based in Charlottetown. Shoulder/Edge lines were painted on approximately 270 km of highway and some areas the shoulder lines were double wide to act as traffic calming (Reduce Speeding). Center line and shoulders were applied for 20 km of new construction which include a Right Turn Lane in Crapaud and a turn lane on Gard Road, Route 2, plus 70 km of maintenance recap and 9 km of asphalt on clay roads. Intersection markings 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 Hansen Electric in the Western Region. 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, Tracy Gallant and Leanna A'Hearn as Shop Supervisor. 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 is a breakdown of signage produced:

	Prince County	Queens County	Kings County
Directional	39	30	20
Extruded signage	1	6	12
Public Road Names	159	41	69
Private Road Names	41	29	35
Regulation and Warning	1181	287	170
Route Assemblies	59	20	11
Community	66	6	14
Street Signs	13	0	2
TDS	28	26	48
Construction	115	0	0
Sub Total	1702	445	381

Un-invoiced Signage within Department:

Signs sent to Charlottetown Stock	2,624
Construction Signs sent to Charlottetown Stock	674
Specialty Signs within Department	97
Covid related signs	110
T.I. Decals	130
T.I. Traffic Cone Decals	3,800
Indigenous Community Names	33
Project Boards	114
Public Works Door Tags	180
Public Works Name Plates	323
Other Signage	65
Sub total	8,150

Invoiced Signage:

Other Departments	1,794
Public Works signs (and smaller vinyl stickers)	73
DTI Maintenance	392

Public School Board	36
Rails to Trails	1,862
Rails to Trails Delineators	1,896
Parks Canada	48
Municipalities	376
Construction	234
Other Companies	256
Sub Total	6,967

Prince County	1,702
Queens County	445
Kings County	381
Un-invoiced signs	8,150
Invoiced signs	6,967
Total	17,645

Mapping and Geographic Information System (GIS-T)

In the fiscal year of 2021/22, the Mapping and GIS-T section was involved in several on-going and new initiatives. There was two staff members assigned to work in this area during this reporting time.

On-going activities continue to be the annual update of the digital road centerline. The department continues to manage its centerline data using national standards and annually submits a copy to the federal government.

The aerial photography flown in the summer of 2020 became available to use within the GIS section this year. The high quality 30cm resolution imagery has enabled an extensive review and update of the digital road centerline. Much of the centerline was first acquired 10 years ago from various data sources. Only the more recent additions and alignment changes have been accurately mapped with GPS. The older alignment inaccuracies are increasingly more apparent as the department's GIS data is now mostly used with online applications that enable the viewer to zoom in and turn on imagery. The update process was started to manually adjust the centerline segments to align with the centre of the road shown on the imagery. This process will take time and will require the re-creation of the route file and the update of the road chainage data; however, it is necessary for the improvement of the quality and usability of the department's GIS data.

Work continued in support of the department's highway pavement management system. Pavement roughness data for 2021 was formatted for incorporation into the system as well as 2020 highway paving projects, highway alignment changes and traffic count data. In addition to these, management of an online field mapping project of guardrail inspections was conducted.

Services of the GIS section continued to be used to assist in a rural broadband internet initiative with extensive data and map development taking place through various stages of the project.

A data analysis project to assist Elections PEI was undertaken this year where GIS was used to reconcile civic address data for school board elections.

The GIS section partnered with Recreation PEI to map and classify trails across the province. For this project, a field data collection application was developed for use with a phone and an external GPS device. Data collectors mapped and classified all public trails that were identified, as well as the locations and pictures of signs, parking areas and other features. Once the field collection was complete the data was adjusted, and additional attribute data was added. The next phase will be the creation of a mobile application for public use.

The GIS section continued to be involved in mapping proposed active transportation projects this year.

Winter maintenance mapping continued to be an annual exercise. 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. Paper maps are still prepared for planning, contract and record keeping purposes.

The GIS-T section continued to perform mapping and data analysis services for the department and associated agencies. Some examples of typical mapping requests would be; 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; and aerial imagery and base maps.

HIGHWAY MAINTENANCE DIVISION

General

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 the following sections and work units:

- Provincial Headquarters
 - Central management functions, program development, budgeting, inventory control, bulk purchasing and contract preparation.
 - Technical services relating to standardized policy and procedure for work crews, as well as staff training and development.
- Highway Maintenance – Eastern, Central and Western Region Operations
 - Maintenance and superintendence of all provincially owned roads across the Province.

- Services include: pavement surface maintenance, roadside maintenance, drainage and storm water, unpaved roads, dust control, snow and ice control.
- Maintenance of bridges, signage, pavement marking and traffic control devices are provided by other divisions of the Department.
- Mechanical Branch – Eastern, Central and Western Region Facilities
 - Supply, maintenance and general management of a large fleet of heavy equipment and light vehicles used directly to execute the work programs delivered by the respective Region operation.
 - Provision of skilled operators and equipment operations.
- Confederation Trail Maintenance
 - Maintenance and superintendence of all maintenance carried out on 444 kilometers of the former CN rail corridor (Confederation Trail).
 - Services include: vegetation control, culvert replacements and repairs, ditching, surface maintenance, shoreline protection and grass cutting. Maintenance of bridges is provided through the Department's Bridge Maintenance section.

Polyethylene Drainage Pipe

During the year we purchased polyethylene drainage pipe which was installed in various locations throughout the Province. Polyethylene drainage pipe is most widely used based on cost, ease of handling and durability. Armtec 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 as follows:

	Corrugated Steel	Polyethylene
Armtec Inc.		\$ 228,854.61

The following length of pipe was installed by the Highway Maintenance Division for the year:

Pipe Diameter	Central Region	Western Region	Eastern Region
Corrugated Steel	(Metres)	(Metres)	(Metres)
300 mm	0	0	0
400 mm	0	0	0
500 mm	0	0	0
600 mm	0	0	0
800 mm	0	0	0
900 mm	0	0	0
1200 mm	0	0	0
Total	0	0	0

Pipe Diameter	Central Region	Western Region	Eastern Region
Polyethylene	(Metres)	(Metres)	(Metres)
300 mm	205.74	40.09	125.00
375 mm	1746.50	2046.50	1123.00
450 mm	2204.00	1870.50	981.00
525 mm	408.43	0	63.00
600 mm	283.46	776.00	570.00
750 mm	176.78	212.00	84.00
900 mm	167.64	151.00	39.00
1200 mm	85.34	0	0
1500 mm	18.29	0	0
Total	5296.18	5096.09	2985.00

During the year the Highway Maintenance Division undertook the following installations of pipe:

Type of Installation	Central Region (metres)	Western Region (metres)	Eastern Region (metres)
New Installations	2170.17	1700.70	1073.00
Replacement	2198.21	2777.50	1297.00
Extension	201.47	83.10	44.00
Cross Culvert	659.28	504.20	571.00
Confederation Trail	67.05	31.00	0
Water Problems	0	0	0
Relocate	0	0	0
Total	5296.18	5096.50	2985.00

*Note: Figures do not include culverts acquired by 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 crack in the paved highway system in order to prevent water from entering into the substructure. In 2021 – 2022, the Department did not seal any cracks.

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.

Subject matter included but not limited to:

- 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
- Forklift 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.

Confederation Trails Annual Report 2021	
Brush Cutting	318.50 km
Culvert Replacing	72.35 m
Vegetation Control	444.00 km
Ditching	1100.00 m
Painting of Handrails & Guardrails	66.001 km
Groom/Resurface	110.85 km

Schedule of Highway Maintenance Tenders Received

Project #1 – Asphalt Resurfacing (Souris Line Road, New Zealand Rd, Naufrage Harbour Rd)
– April 1, 2021

Chapman Bros. Construction Ltd.	\$ 238,497.20
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Project #2 – Asphalt Resurfacing (Primrose Rd, Bangor Rd) – April 1, 2021

Chapman Bros. Construction Ltd.	\$	167,194.20
Island Construction Ltd.	\$	169,567.20

Project #3 – Asphalt Resurfacing (Kinross Rd, Halliday Rd) – April 1, 2021

Island Construction Ltd.	\$	169,124.80
Chapman Bros. Construction Ltd.	\$	173,295.80

Project #4 – Asphalt Resurfacing (Hopeton Rd, Montrose Dr, Keppoch Rd) – April 1, 2021

Island Construction Ltd.	\$	106,090.10
Chapman Bros. Construction Ltd.	\$	108,475.85

Project #5 – Asphalt Resurfacing (Smith Rd, Millvale Rd, Campbells Rd) – April 1, 2021

Island Construction Ltd.	\$	264,343.45
Chapman Bros. Construction Ltd.	\$	266,283.20

Project #6 – Asphalt Resurfacing (Campbellton Rd, Route 103 – Baltic, Walter Adams Rd) – April 1, 2021

Island Construction Ltd.	\$	266,564.00
Curran & Briggs Ltd.	\$	285,908.50
Chapman Bros. Construction Ltd.	\$	303,279.00

Project #7 – Asphalt Resurfacing (Route 12 – Egmont Bay) – April 1, 2021

Curran & Briggs Ltd.	\$	95,259.00
Chapman Bros. Construction Ltd.	\$	100,158.00

Route 12 – Central Lot 16 – April 1, 2021

Curran & Briggs Ltd.	\$	119,329.40
Chapman Bros. Construction Ltd.	\$	124,783.60

Project #8 – Asphalt Resurfacing (Chapel Ave, Longworth St, MacKenzie Rd, Spry Point Rd, Norton Rd) – April 23, 2021

Chapman Bros. Construction Ltd.	\$	306,014.64
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Project #9 – Asphalt Resurfacing (North Royalty Rd, Boyver Rd, Richmond St, Brudenell, Prestige Rd) – April 23, 2021

Chapman Bros. Construction Ltd.	\$	228,029.14
Island Construction Ltd.	\$	234,037.14

Project #10 – Asphalt Resurfacing (MacDonald Rd, Queens Rd, Line Rd, Greenfield Rd, Harmony Lane) – April 23, 2021

Island Construction Ltd.	\$	441,488.80
Chapman Bros. Construction Ltd.	\$	444,044.40

Project #11 – Asphalt Resurfacing (Iona Rd, Douses Rd, Roseberry Rd, Machon Point Rd)
– April 23, 2021

Chapman Bros. Construction Ltd.	\$	356,484.52
Island Construction Ltd.	\$	360,611.27

Project #12 – Asphalt Resurfacing (Reeves Blvd, MacIntosh Rd, Towerwood Rd, Macpherson Ave, Westgate Ave, Rosebank Rd, Keppoch Rd, Stratford Rd, Southport Rd, Cable Crt, Stewart Ave, Spruce Lane, Pondside Crt, Aptos Dr) – April 23, 2021

Island Construction Ltd.	\$	393,267.58
Chapman Bros. Construction Ltd.	\$	409,042.58

Project #13 – Asphalt Resurfacing (Black River Rd, Friston Rd, Route 225, Horne Cross Rd West) - April 23, 2021

Chapman Bros. Construction Ltd.	\$	333,747.02
Island Construction Ltd.	\$	336,764.52

Project #14 – Asphalt Resurfacing (MacRae Dr, Howard Dr, Gardiner Dr, Quinn Rd, Riverdale Rd) – April 23, 2021

Island Construction Ltd.	\$	277,222.14
Chapman Bros. Construction Ltd.	\$	279,672.14

Project #15 – Asphalt Resurfacing (Dixon Rd, Victoria Rd, Reid St, Nodd Rd) – April 23, 2021

Curran & Briggs Ltd.	\$	195,660.11
Chapman Bros. Construction Ltd.	\$	223,942.26

Project #16 – Asphalt Resurfacing (MacArthur Rd, Southwest Rd, Oatway Rd, Route 11 – Enmore, Gillis St, Monaghan St) – April 23, 2021

Curran & Briggs Ltd.	\$	261,964.64
Chapman Bros. Construction Ltd.	\$	267,804.64

Project #17 – Asphalt Resurfacing (Baldwins Rd) – May 13, 2021

Island Construction Ltd.	\$	455,975.60
Chapman Bros. Construction Ltd.	\$	462,002.00

Project #18 – Asphalt Resurfacing (North York River Rd, Colville Rd, St. Catherines Rd) – May 13, 2021

Chapman Bros. Construction Ltd.	\$	461,925.40
Island Construction Ltd.	\$	474,147.70

Project #19 – Asphalt Resurfacing (Little Tignish Rd) – May 13, 2021

Chapman Bros. Construction Ltd.	\$	102,364.88
Curran & Briggs Ltd.	\$	104,319.98

Bagnall Rd – (Rennies Rd) – May 13, 2021

Chapman Bros. Construction Ltd.	\$	232,587.20
Island Construction Ltd.	\$	236,839.90

Sou'west Rd (Huntley) – May 13, 2021

Chapman Bros. Construction Ltd.	\$	242,227.20
Curran & Briggs Ltd.	\$	248,968.20

Project #20 – Asphalt Resurfacing (Cheese Factory Rd, Route 12 – Anglo Tignish, Thompson Rd) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	362,173.08
Curran & Briggs Ltd.	\$	366,604.58

Project #21 – Asphalt Resurfacing (Navoo Rd, Mill Rd, Beaton Rd, Mill River Resort Rd, O'Halloran Rd, Old Western Rd, Park Lane) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	236,677.32
Curran & Briggs Ltd.	\$	240,012.32

Project #22 – Asphalt Resurfacing (Fernwood Rd, Dunk River Rd) – May 20, 2021

Curran & Briggs Ltd.	\$	215,639.86
Chapman Bros. Construction Ltd.	\$	219,214.76

Project #23 – Asphalt Resurfacing (Norrington Rd, Bells Point Rd, Newton Rd, Waugh Rd, Route 11 – Abrams Village/Egmont Bay, St. Raphael Rd, Princetown Rd, English Church Rd) – May 20, 2021

Curran & Briggs Ltd.	\$	293,112.54
Chapman Bros. Construction Ltd.	\$	302,539.64

Project #24 – Asphalt Resurfacing (Grahams Rd, Rattenbury Rd, St Patricks Rd) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	158,951.76
Island Construction Ltd.	\$	159,847.86
Curran & Briggs Ltd.	\$	167,098.56

Project #25 – Asphalt Resurfacing (Kentyre Rd, Bungay Rd, Church Rd, Stead Rd) – May 20, 2021

Island Construction Ltd.	\$	293,149.98
Chapman Bros. Construction Ltd.	\$	295,649.08

Project #26 – Asphalt Resurfacing (Route 235 – Emyvale) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	87,614.88
Island Construction Ltd.	\$	88,327.98

Project #27 – Asphalt Resurfacing (Appin Rd) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	175,739.76
Island Construction Ltd.	\$	178,155.46

Project #28 – Asphalt Resurfacing (Albion Rd) – May 20, 2021

Chapman Bros. Construction Ltd.	\$	89,044.88
Island Construction Ltd.	\$	91,707.38

Project #29 – Asphalt Resurfacing (Fortune Wharf Rd, St. Charles Rd, Selkirk Rd)
– May 20, 2021

Chapman Bros. Construction Ltd.	\$	328,558.58
Island Construction Ltd.	\$	345,788.58

Project #30 – Asphalt Resurfacing (Lewis Rd, Dock Rd, Duvar Rd, Locke Rd, Route 14
– Coleman, Moorshed Rd) – May 27, 2021

Chapman Bros. Construction Ltd.	\$	413,634.52
Curran & Briggs Ltd.	\$	420,670.62

Project #31 – Asphalt Resurfacing (Northam Rd, Route 131 – Arlington, Lyle Rd, Mill Rd,
Farm Lane) – May 27, 2021

Curran & Briggs Ltd.	\$	344,341.72
Chapman Bros. Construction Ltd.	\$	348,989.52

Project #32 – Asphalt Resurfacing (Waterview Rd, Freetown Rd) – May 27, 2021

Curran & Briggs Ltd.	\$	298,785.93
Chapman Bros. Construction Ltd.	\$	305,169.58

Project #33 – Asphalt Resurfacing (Mill Rd, Long River Rd, Route 20 – French River)
– May 27, 2021

Curran & Briggs Ltd.	\$	201,423.96
Chapman Bros. Construction Ltd.	\$	207,229.76

Project #34 – Asphalt Resurfacing (Richard Douglas Rd, Millview Rd, Greys Rd)
– May 27, 2021

Island Construction Ltd.	\$	244,359.64
Chapman Bros. Construction Ltd.	\$	248,972.64

Project #35 – Asphalt Resurfacing (Barr Rd, Mt. Stewart Rd, Martinvale Rd, Millburn Rd,
Church Rd) – May 27, 2021

Island Construction Ltd.	\$	366,571.90
Chapman Bros. Construction Ltd.	\$	373,430.65

Brae Harbour Rd (Derby) – May 27, 2021

Chapman Bros. Construction Ltd.	\$	276,329.76
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Curran & Briggs Ltd.	\$ 280,160.26
<u>Houston Rd (Mayfield) – May 27, 2021</u>	
Chapman Bros. Construction Ltd.	\$ 94,112.32
Island Construction Ltd.	\$ 95,207.32
<u>Project #36 – Asphalt Resurfacing (St Marys Rd) – June 17, 2021</u>	
Chapman Bros. Construction Ltd.	\$ 91,616.32
Island Construction Ltd.	\$ 92,163.82
<u>Project #37 – Road Construction (Canavoy Rd, Corrigan Rd, Gays Rd, Kenny Rd) – June 17, 2021</u>	
Chapman Bros. Construction Ltd.	\$ 417,116.00
Island Construction Ltd.	\$ 420,222.00
<u>Centreline Rd (Alma/St. Lawrence) & Peter Rd (Peterville) – June 17, 2021</u>	
Chapman Bros. Construction Ltd.	\$ 754,550.52
Curran & Briggs Ltd.	\$ 762,278.02
<u>Roma Point Rd – June 17, 2021</u>	
Island Construction Ltd.	\$ 364,902.50
Chapman Bros. Construction Ltd.	\$ 370,383.60
<u>Project #1 – Asphalt Resurfacing (Rte 142 Knutsford) – March 24, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 124,345.88
Curran & Briggs Ltd.	\$ 126,953.88
<u>Project #2 – Asphalt Resurfacing (Rte 10 Borden Carleton) – March 24, 2022</u>	
Curran & Briggs Ltd.	\$ 128,698.88
Chapman Bros. Construction Ltd.	\$ 131,514.88
<u>Project #3 – Asphalt Resurfacing (Rte 19 Desable) – March 24, 2022</u>	
Island Construction Ltd.	\$ 104,550.08
Chapman Bros Construction Ltd.	\$ 106,930.88
<u>Project #4 – Asphalt Resurfacing (Rte 224 St Ann) – March 24, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 114,866.88
Island Construction Ltd.	\$ 114,963.08
<u>Project #5 – Asphalt Resurfacing (Rte 322 Green Meadows) March 24, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 108,360.88
Island Construction Ltd.	\$ 110,788.38

Project #6 – Asphalt Resurfacing (Kent St-Georgetown, Shore Rd-Cardigan, Pleasant St-Cardigan) March 24, 2022

Chapman Bros. Construction Ltd.	\$ 473,694.00
Island Construction Ltd.	\$ 475,358.00

Project #7 – Asphalt Resurfacing (Stratford Rd, Kinlock Rd, Keppoch Rd, Carrington Rd, Glencove Dr, Hillview Dr) March 24, 2022

Island Construction Ltd.	\$ 542,264.52
Chapman Bros. Construction Ltd.	\$ 548,283.52

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 **45,078.32** 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 **1,925.71** tonnes. Private contractors supplied/placed **43,152.61** tonnes of asphalt over **50.12** kilometres.

The following is the tonnage of asphalt acquired from each firm:

Supplier	Tonnes
Island Construction	19481.93
Chapman Brothers	25596.39

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 34.08 kilometres.

Kings Zone K-1

Kings Zone K-2

Road Name	Kilometres		Road Name	Kilometres
Fortune Wharf Road	1.09		Rte. 322 – Green Meadows (Green Meadows Road)	1.00
Rte. 308 – St. Charles Road	1.19		Gays Road	0.14
Souris Line Road	1.25		Kenny Road	0.35
New Zealand	0.90		Rte 352 – Barr Road	0.90
Naufrage Harbour Road	0.84		Bangor Road	1.09
Selkirk Road	1.74		Church Road	0.53

Road Name	Kilometres		Road Name	Kilometres
Longworth Street	0.39		Millburn Road	0.91
Chapel Avenue	0.81		Rte. 22 – Mt. Stewart Road	1.00
Longaphie Lane	0.50		Canavoy Road	1.64
			Creek Road	0.25
			Sheiling Road	0.14
			St. Peters Harbour Road	1.16
			Lakeside Road	0.41
Total Kms	8.71		Total Kms	9.52

Kings Zone K-3

Kings Zone K-4

Road Name	Kilometres		Road Name	Kilometres
MacKenzie Road	0.85		MacDonald Road	1.18
Albion Road	1.00		Harmony Lane.	0.17
Nortons Road	0.79		Line Road	1.01
Spry Point Road	1.02		Roma Point Road	2.21
Rte. 5 – Head of Cardigan (48 Road)	2.93		St. Marys Road West	1.00
Rte. 311 – St. Georges/Launching	1.84		Rte. 18 – Murray Harbour (Cape Bear Road)	1.60
Martinvale Road	0.92		Machons Point Road	1.10
North Royalty Road	1.63		Livingstone Road	1.28
Richmond Street	0.90		Fox River Road	0.56
Boyver Road	0.94		Mill Road	0.99
Baldwins Road	2.41		Buell Road	0.41
Brudenell/Dundarave	0.76		Brians Road	0.48
Prestige Road	0.93			
Queens Road	1.28			
Greenfield Road	1.70			
Total Kms	19.90		Total Kms	11.99

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately **656.70** 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 **1487.11** 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)
8432.50	11911.97	103.50

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 **1500** 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 **1338** 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 **76** 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 **102,548.96** litres was used to treat approximately **121.10** kilometres of road.

The accompanying tables provide the location and extent of work done in each zone during the year:

Kings Zone K1 Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Ancelm MacDonald Road	.050						
Basin Head(Kingsboro)	.050		.050				
Bear River (St. Margarets)							.090
Bear Shore		.025					.197
Big Pond	.050		.050				
East Road (Red Point) both sides				0.5	.200		
East Tarantum							
Fortune Road				.050	.050		
Gowanbrae					.400		
Grant		.100					
Johnston		.500	.300				
Longaphie	.200						
MacAulay Lane			.075		.050		
Old Greenvale Road	.050						
Rollo Bay (Rte 2)							1.8
Souris Line							.565
Souris River							.248
Totals	.40	.625	.475	.55	.70	0	2.90

Kings Zone K-2 Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Anderson					.150unp		
Bangor Road	.050			1.0			
Barr Road	.080			.900			.030
Barry Road		.040					
Bennett Road	.060						.040
Canavoy Road				1.5			.080

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Cardigan Road							
Cemetery Road				.500			.200
Church Road		.060					
Clay Road	.050				.300		
Crank Road		.060					.040
Creek Road		.070		.150			
Dingwell Road					.900		
Dunn Road	.600	.150					
Dunphy Road					.300		
Fanning Brook							.040
Farmington (Rte 2)							
Five Houses		.120					
Forest Hill	.020						
Fort Augustus Road	.250				.180		.030
Gays Road	.100	.040		.120			
Gill Road						.200	
Goose River Road	.020	.300		.800	.800		.040
Green Meadows	.025			1.0			
Greenwich Road	.030						
Head of Hillsborough		.040					
Indian Bridge Road					1.3		.070
Indian Road				1.0	.100		
Kenny Road	.250			.350	.120		
Lighthouse Road							.050
Lot 40		.060					
MacDougall		.050					
MacEwen		.050					.060
MacLaren	.030	.125					
MacSwain		.100					.060
McVarish Road		.050					
Milburn Road	.020				.040		.050
Mooney Road		.100					
Mt. Stewart Road Rte.#22	.070			1.0			

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Old Lakeside Road	.100	.120					
Peakes Road				.060			
Pinetree Lane	.040						
Pope Road		.140					
Pratt Road				1.2	1.3		.30
Route 2 (Rte. 002)				.200			
Selkirk Road				1.7			
Shielding Road				.142			
Shore Road		.200					
Skunk House		.150					
Stanhope Road	.020						
St Peters Harbour Road				1.2			.060
St Theresa's							
Trainor		.040					
Upton Road		.060			.040		.040
Webster Road		.070					
Whitty Road	.200	.040					
Windon					.150		
Totals	2.015	2.235	0	12.822	5.68	.20	1.19

Kings Zone K-3 Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Brothers		.2	.2				
Clay							
Collins			.7				
Georgetown Road					.075		
George Street (Georgetown)							
Grafton Street (Georgetown)					.05		
Gram's Beach Road							.3
Greenfield					.5		.4

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Harbour Road					.1		
Howlett's Road							.2
MacKenzie Road				.9			
MacLeod Road		1.0			1.0		
Mair Road/Richmond Street				.3			
Martinvale				.9			
Melrose					.1		
Mill Road		1.2					
Morrisons Beach							
Norton's				.8			
Perth Station			.7				
Prestige				.8			
Primrose					.3		
Seven Mile Road (Bridgetown)					.075		
Tassell Road							.2
Woodville Road					.1		
Totals	0	2.40	1.60	3.70	2.30	0	1.10

Kings Zone K-4N Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
MacDonald Highway (Rte.004)				.500			
Campbell Road							2.0
Central Street (Langley Road)		.200	.200				
Commercial Road				2.500			
Compton Road		.200					
County Line Road					.500		
French Creek					.100		
Heatherdale Road					.500		
Jack Westaway					.600		
Lloyd Westaway					.100		.500

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Loane Road				.200			
Lower Montague Road				.500			
Peardon Road				.100			
Queens Road				.500			
Robertson Road					.100		.500
Roma Point				.500	.300		4.0
Shaw's Lane							1.0
Sparrow Road							1.0
St Andrews Point							
Thornton Road		.250					
Valleyfield Road				.500	.300		
Whim Road				.800	.200		
Totals	0	.65	.20	6.10	2.70	0	9.0

Kings Zone K-4S Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Abney Road							2.0
Beach Road		.100					
Billy MacDonald Road					.200		
Black Brook Road		.200					
Blue's Road	.100						
Brooklyn Road				.300			
Buell Road		.500					
Cape Bear				2.500			
Commercial Road				2.000			
Compton Road							
County Line Road			.500		.300		2.0
Floating Bridge Road	.100	.100					2.0
Fox River				.200			
Girl Guide Camp Road		.500	.500				

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Gladstone Road			.350				
Grey's Road		.300					
Lewis			.300				
Livingstone Road			.100				
MacFarlane Road		.100					
MacPherson Road		.300					
Munn's Road			.200				1.0
Norman's Road				.500			
Peter's Road (Alliston)				1.500			
Peter's Road				1.000			
Pioneer Cemetery Road		.100					
Point Pleasant				.500			
Sturgeon				.500			
Toronto Road							1.0
Wood Islands Road				1.500			1.0
Totals	.20	2.20	1.95	10.50	.50	0	9.0

Eastern Region - Winter Maintenance

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 **6,643.69** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased **2,010.10** tonnes of salt to blend with its winter sand. The Region purchased **31,491.48** 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 in sites. This material was stored at seven (7) sites throughout the Region.

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 using department installed

hoppers and spreaders. In addition, six department trucks were utilized to provide services to various locations throughout the Country.

Snowfall Records

Total snowfall as recorded by Environment Canada recording station volunteers in the Eastern Region was:

Location	Recorded (cm)
Munns Road	252
Dingwell Mills	284

Snow Fence Report

The Department installed approximately **3,259** meters of snow fence adjacent to department plowed snow routes to control drifting in open areas.

Contracted Services

The following is a breakdown of the contracted sanding and snow removal services for the third year of a seven year contract with private contractors.

Contractor	Kms Plowed
Chapman Brothers	219.3
G & P Trucking	154.4
Kenny MacLeod	106.6
Kings County Construction Ltd.	135.8
Total	616.10

The Department was responsible for plowing, sanding and salting 576.90 kilometres of highway. To this end, 18 plow routes. Below, is the breakdown of the kilometers for which the Department was responsible for plowing, sanding and salting.

Eastern Region

Location	Kms	Graders	Blowers	Loaders	Truck
Morell	30.20				Tandem Combination
48 Road	28.02				Tandem Combination
St. Teresa's	28.52				4x4
Bridgetown	28.25				Tandem Combination
Georgetown	32.37				Tandem Combination

Location	Kms	Graders	Blowers	Loaders	Truck
Annandale	31.63				4x4
Cardigan	28.23				Tandem Combination
St. Georges	36.64				Tandem Combination
Montague	8.71				Tandem Combination
Commercial	35.24				Tandem Combination
Wood Islands	37.45				Tandem Combination
Fortune	34.85				4x4
Guernsey Cove	33.78	1			Grader
Hopefield	27.14				4x4
Gaspereaux	39.80				Tandem
Souris (includes streets salted)	27.99				Tandem Combination
Cardigan (includes areas sanded)	28.36				Tandem Combination
Murray River (streets)	9.13			1	Tandem Combination
Totals	526.31	1	0	1	

The Department was also responsible for plowing the streets within the Town of Souris, as well as the Villages of St. Peters, Mt. Stewart, Morell, Murray Harbour, Murray River, Montague and Georgetown.

Central Region - Summer Maintenance

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **61,290.94** tonnes was used by the branch for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Division's operation and capital maintenance budget. Hand patching crews spread **3,993.70** tonnes. Private contractors supplied/placed **57,297.24** tonnes of asphalt over **63.46** kilometres.

The following is the tonnage of asphalt acquired from each firm:

Supplier	Tonnes
Island Construction	27,852.58
Chapman Brothers	27,241.43
Curran & Briggs	5,717.95
M&M Resources	478.98

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 63.46 kilometres.

Queens Zone Q-1

Queens Zone Q-2

Road Name	Kilometres		Road Name	Kilometres
Millview Road	1.22		Hopeton Road	0.09
Kinross Road	1.26		Keppoch Road	1.00
Douses Road	1.56		Richard Douglas Dr	0.77
Iona Road	1.30		Reeves Boulevard	0.25
Hallidays Wharf Road	0.74		MacIntosh Drive	0.40
Greys Road	0.80		Towerwood Drive	0.38
Roseberry Road	1.00		MacPherson Avenue	0.37
McCannell Road	1.27		Stewart Avenue	0.11
			Cable Court	0.18
			Montrose Drive	0.18
			Westgate Avenue	0.15
			Rosebank Road	0.33
			Keppoch Road West	1.00
			Kinlock Road	0.27
			Southport Road	0.21
			Spruce Lane	0.76
			Aptos Drive	0.75
			Pondside Court	0.37
			Rte 21 – Fort Augustus Road	1.86
			Corrigan Road	0.41
			Friston Road	1.00
Total Kms	9.15		Total Kms	10.84

Queens Zone Q-3

Queens Zone Q-4

Road Name	Kilometres		Road Name	Kilometres
Rte 13 – Hopedale Road	3.95		Rte 6 – Black River Road	1.00
Rte 13 – Dock Road	1.13		Rte 223 – Winsloe Road	0.69
Route 225	1.00		Kentyre Road	1.00
North York River Road	2.95		Horne Cross Road West	1.08

Road Name	Kilometres		Road Name	Kilometres
Colville Road	1.00		Bungay Road	0.85
Rte 19 – Meadowbank (Meadowbank Road)	1.50		Camp Road	0.34
MacRae Drive	0.49		Bonang Road	0.11
Howard Drive	0.33		Smith Road	1.27
Gardiner Drive	0.10		Millvale Road	1.00
Quinn Road	1.26		Dixon Road	1.00
Appin Road	2.01		Campbells Road	1.45
Riverdale Road	1.13		Campbellton Road	0.90
St. Catherines Road	1.12		Houston Road	0.50
Route 235	1.16		Bagnall Road	1.30
			Stead Road	1.03
			Church Road	0.56
			Grahams Road	0.74
			Rattenbury Road	1.23
			St. Patricks Road	1.03
			Mill Road – Long River	0.18
			Long River Road	1.17
			Freetown Road	1.34
			Rte 20 – French River	2.00
			Walter Adams Road	0.64
			Wharf Road – Long River	0.49
			English Church Road	0.92
			Prinetown Road	0.52
Total Kms	19.13		Total Kms	24.34

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 was as follows:

Sandstone (m3)	Sandstone (t.)	Gravel (yds)	Gravel (t)	Rock (yds)	Rock (t)
3200	20,087.44	0	12,812.85	0	834.60

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 306.3 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 0 twenty-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 264,187 litres was used to treat 96 kilometres of road.

The accompanying tables provide the location and extent of work done in each district during the year.

Queens 1 - Central Region- Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
48 Road - RTE 5							12.00
Avondale Road - RTE 216							7.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Beechill Road							4.00
Bethel Road -RTE 215							8.00
Big Point Road							4.00
Brazel Road							1.80
Brooklyn Road - RTE 317							1.80
Brush Wharf Road							2.00
Byis Lane - RTE 255							3.00
Cameron Island Road							1.00
Camp Buchan Road	0.20			0.70			2.00
Camp Road - RTE 261							4.00
Cape Breton Road - RTE 257							3.00
Cape Breton Road Ext							0.50
Cherry Valley Cove Road							0.80
China Point Road - RTE 268							4.50
Clow Road							1.50
Colville Road - RTE 205							5.00
Crawfords Road				0.60	0.60		3.00
Culloden Road - RTE 203				2.00	2.00		4.00
Dougan Road		1.00		1.50	1.50		3.50
Douses Road - RTE 202							6.00
Dromore Road - RTE 214				3.00	1.00		5.00
Dundee Road - RTE 325							3.50
Dykermann Road		0.30					
Factory Road							2.00
Frank Road							1.20
Gairloch Road - RTE 204			0.50				4.00
Garfield Road - RTE 207	0.20			3.00			10.00
Gay Road							3.00
Gillis Road							2.00
Glashvin Road							4.00
Glencoe Road - RTE 212							4.00
Greys Road - RTE 201							8.00
Halliday Road							1.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Hermitage Road							2.50
Hon J Angus MacLean Road- RTE 204							5.00
Horton Lane							1.00
Iona Road - RTE 206				3.00			8.00
Jones Road							3.50
Kinlock Road							2.00
Kinross Road - RTE 210							2.00
Klondike Road							2.50
MacAulays Wharf Road		0.20		0.30			1.60
MacDonald Road							0.70
MacEachern Road	1.00			1.00	1.00		
MacLeod Road (50197)				0.80	0.80		0.80
MacLeod Road (50199)							0.60
MacPhail Park Road			0.20	0.20			
McCannel Road - RTE 255							3.00
McGuirk Road				0.50	0.50		2.00
McInnis Point Road - RTE 270							4.50
McKenna Road							0.80
Millview Road							3.00
Monaghan Road - RTE 213							10.00
Murnaghan Road							2.00
Murry Harbour Road							12.00
Murray Harbour Road - RTE 24				4.00			
New Cove Road	0.20						3.00
Newton Road - RTE 211							8.00
Old Bob Laird Road				1.20			
Pioneer Cemetery Road (50283)							1.00
Point Prim Road - RTE 209				1.20			12.00
Ponds Road	0.10						2.00
Pownal Road - RTE 26							6.00
Queens Road - RTE 210							4.00
Riverview Crescent (50302)							2.00
Robbins Road							1.00

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Robertson Road							3.00
Rona Hill Road							6.00
Roseberry Road - RTE 208							8.00
RTE 3							7.00
Scentia Road							3.00
Seal River Road (50313)		0.70		0.70	0.70		3.00
Selkirk Park Road							1.50
Selkirk Road - RTE 23				4.00			10.00
Simpson Lane - RTE 255							3.00
Stewart Point Road							3.00
Stewart Road - RTE 207							3.00
Storey Road					2.00		
Tarantum Road - RTE 215							5.00
Trans Canada Hwy - RTE 1				2.00			20.00
Uigg Road							2.00
Valleyfield Road - RTE 326							4.00
Vernon River Road - RTE 212							4.00
Village Green Road - RTE 272							7.00
Whites Road - RTE 257				3.00			
Whittlesy Lane	0.10			0.60	0.60		
Wiseners Mill Road							2.00
Wood Islands Road - RTE 315							12.00
Totals	1.80	2.20	0.70	33.30	10.70	0	343.10

Queens 2 – Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Afton Road				1	1		
Alexandra Court			0.45				
Battery Road				0.3			1
Blooming Point Road - RTE 218		0.1					2

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Buell Road					0.05		
Coffin Road (60052)							1
Corrigan Road - RTE 260		2					1
Donaldston Road - RTE 219							7
Dougan Road - RTE 229							1.5
Five Houses Road - RTE 213			0.1		1		2
Fort Augustus Road - RTE 21				1.2			
French Village Road - RTE 217							3
Frenchfort Road - RTE 260			0.1				
Friston Road - RTE 222							1
Glencove Drive					0.1		
Glenfinnan Point Road					0.2		
Harbour View Drive					0.1		
Lower Marshfield Road							1
MacDonald Road (50181)							1
MacDonald Road (50182)				0.34	0.34		
MacGillivray Road							1
MacIntyre Shore Road	0.3				1		
MacKinnon Point Road - RTE 214							1
MacNally Shore Road							0.2
McBride Road							0.3
Old Bedford Road	0.1						
Point Deroche Road - RTE 218				1	1		
Portage Road - RTE 218					0.2		
Pownal Road - RTE 26							2
Queens Point Road							3
Reg McInnis Road				0.5			
Savage Harbour Road - RTE 218							2
Shore Road (50323)		0.1					
St Peters Road - RTE 2					0.1		6
Upper Tea Hill Crescent							0.05
Totals	0.4	2.2	0.65	4.34	5.09	0	37.05

Central Region -Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Black Creek Road			0.25				
Breadalbane Road - RTE 246			1.2		1.2		
Cameron Road			0.5				
Colville Road - RTE 9							11
Cornwall Road					0.2		
Cottage Road	0.6						
County Line Road - RTE 232	1			2.1	1	0.25	6.2
Cumberland Line Road		0.1					
Ferguson Road	0.25		0.25	0.25	0.25		0.25
Hopedale Road - RTE 13				1			
Hyde Point Road					0.2		
Jessie Street							2.5
Junction Road			0.1				
Kingston Road				2			6
Maplewood Road - RTE 246	1			2.2			4
Mill Road (Emerald)	1.2		1.2	1.2	1.2		
Mill Road (Desable)	1			1.5			1.5
RTE 225				14.5	0.2		3.5
Sleepy Hollow Road				1.5			
Warren Grove Road							4.5
West River Road - RTE 9					0.25		6
Wharf Road					1		
Totals	5.05	0.1	3.5	26.25	5.5	0.25	45.45

Queens 4 - Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Art Ford Cross Road	0.1		0.15	0.6			1.5
Bagnall Road	1.2		0.2	1.2			1
Bernard Road		0.1		0.1			

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bonang Road	0.05						
Brackley Point Road - RTE 15				0.2			0.2
Branders Pond Road			0.2	1.8	1.4		0.8
Broadway Road	0.1						
Buffalo Road				0.2			0.15
Bumble Bee Road			0.1		0.1		1.5
Bungay Road - RTE 251				0.25			2
Burlington Road - RTE 234				0.4			0.5
Camp Road					0.2		
Campbell Road (40515)			0.2		0.1		
Campbells Road	0.1			0.3	0.15		
Campbellton Road - RTE 238							1.2
Cape Road (50052)	0.13				0.6		
Cape Road (50053)				0.1			
Cavendish Road - RTE 6				4			2.5
Cawnpore Lane - RTE 13							0.7
Chappell Drive							0.2
Church Hill Avenue							1.1
Church Road - RTE 243							1
Cousins Shore Road			0.2	0.2	0.1		
Cove Road	0.1						
Devils Punch Bowl Road			0.1				
Douglas Road				0.1			
Eddie Murphy Road			0.2				
English Church Road - RTE 234							2
Grady Road			0.1		0.3		
Grahams Road - RTE 8				0.25	0.1		3
Gulfview Crescent				0.1			
Hazel Grove Road - RTE 228		1	0.2		1.5		
Horne Cross Road E - RTE 220				0.2	0.1		
Houston Road			0.4	1			0.7
Hurst Road		0.1					
Irishtown Road - RTE 101				0.6			2.5

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Kerrytown Road - RTE 107				0.3			
Line Road - RTE 269				0.1			
Ling Drive				2.2			
Little Bungay Road			0.15	0.15			0.1
Long River Road - RTE 262				0.75	0.7		0.5
MacGregor Road		0.1					0.1
MacInnis Road				0.1			
Marks Road - RTE 262				0.25	0.1		0.2
McCourt Road				0.6			0.2
Millboro Road - RTE 226							0.35
Millboro Road - RTE 243							0.2
Millvale Road - RTE 231		1	0.5	0.2	2		2.5
Mt Tom Road			0.15	0.1			
New Glasgow Road - RTE 224							5
New Road	0.2		0.2				0.7
Old Princetown Road		0.2	0.2	0.3		0.1	
Parker Cross Road	0.2				0.15		
Paynter Road							0.4
Pine Grove Road		0.1		0.2			
Princetown Road				2			
Rattenbury Road - RTE 254				1.5			
Rte 20							5
Rte 258				2	0.1		0.4
Rustico Road - RTE 6				1.6			
Rustico Road - RTE 7				1			
Smith Road - RTE 230			0.2	0.5			
Snowie Road		0.1					
St Marys Road - RTE 224				0.2			3
St Patricks Road - RTE 266			0.2	1.4	0.3		
Stead Road		0.1		0.15			0.4
Taylor Road					0.25		
Trout River Road - RTE 239		1					
Union Road - RTE 221				0.4	0.15		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Vessey Drive				0.1			
Warburton Road	0.1	0.1	0.3	2.4	0.15		3
Winsloe Road - RTE 223							1.7
Totals	2.28	3.9	3.95	30.1	8.55	0.1	46.3

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 our highway system as safe as possible for the motoring public. To achieve this end, the following was used:

There were 21,872.97 salt purchased for salt-only and 50/50 mix for ice control. The region purchased 2,644.72 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. 44,078.62 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 Queens 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 6,663.87 tonnes of salt and 1.2 tonnes of mixed salt/sand from the Department.

Snowfall Records

Total snowfall recorded by Environment Canada recording station volunteers in the Central Region was:

Location	Recorded (cm)
Charlottetown	326.3

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 Services

The following is a breakdown of the contracted sanding and snow removal services for the third year of a seven-year contract with private contractors.

Contractor	Kilometres Plowed
Island Coastal East	235.70
Birt & MacKay Ltd.	94.40
M & M Resources	164.70
Island Construction	133.80
Maritime Construction	122.30
Matheson Construction	120.62
Matheson & MacMillan	86.00
Westisle Construction	151.70
Total	1,109.22

The Department was responsible for plowing 776 kilometres of highway. To this end, 24 plow routes and five blower routes were established. The following equipment was assigned and located as follows:

Central Region

Location	Kms	Graders	Blowers	Loaders	Truck
TCH West, Charlottetown to Crapaud	32.1				2
St. Peters Road, Charlottetown to Canavoy	31.3				1
TCH East Charlottetown - Eldon	35.4				1
TCH Eldon - Wood Islands & 2 of Selkirk Road	43.6				1
By-Pass Charlottetown	10.0				1
Charlottetown Route 2 - Summerfield	37.3				2

Location	Kms	Graders	Blowers	Loaders	Truck
Route 225 & Colville Road	35.4				1
Route 235 & 13	32.5				1
Rustico Road, Cavendish Road	29.5				1
Cornwall Subdivisions	10.0	1		1	
Cornwall Subdivision, Cornwall Road to Kingston Road	12.0	1			
Murray Harbour, Kinross & Selkirk Road	39.5				1
Ebenezer, Mayfield and Rennies Road	29.8				1 4X4
Rustico	18.1			1	1
Cornwall	17.2				1
Meadowbank, Main Street, Cornwall and Upton Road	30.9				1
Stratford Road & Bunbury	52.3				3
Murray Harbour, Kinross Road and Selkirk Road	19.3				1
Ft. Augustus Road to Pisquid	20.7				1-4x4
Hillsborough Bridge, Kinlock Road intersections and government buildings (salt)	8.0				1
Charlottetown Mains	29.4				2
Pownal, Crossroads, Stratford & Keppoch	32.5				1
Garage parking lots (Tractor/Blade used)					
Government building lots				2	1
York Point Road to Pleasant Grove, Vessey Subdivision	11.7				1
Brackley Point, Portage and Union Road	24.4				1-4x4
Bedford Road, Eastern, Black River & section of York Road	27.3				1-4x4
By-Pass	16.2				2
Central Region (used where needed)			4		
Spares		3		2	3
Totals	686.40	5	4	6	34

Western Region - Summer Maintenance

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **42,692.48** 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 **2,615.10** tonnes. Private contractors supplied/placed **40,077.38** tonnes of asphalt over **47.85** kilometres.

The following is the tonnage of asphalt acquired from each firm:

Supplier	Tonnes
Chapman Brothers	22,760.03
Curran & Briggs	18,259.48
Island Construction	1,672.97

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 47.85 kilometres.

Prince Zone P-1

Prince Zone P-2

Road Name	Kilometres		Road Name	Kilometres
Freetown Road	1.00		Waterview Road	0.88
Rte 10 – North Carleton	1.00		Rte 103 – Baltic	2.22
Rte 10 – Augustine Cove	1.35		Irishtown Road	1.13
Fernwood Road	1.61		Lyle Road	0.80
Dunk River Road	0.77		Rte 12 – Central Lot 16	1.30
Reid Street	0.24		Rte 11 – Egmont Bay	1.13
Victoria Road	0.78		Mill Road	0.65
Norring Road	0.91		Farm Lane	0.33
Bells Point Road	0.99		Gillis Street	0.15
Newton Road	0.78		Monaghan Avenue	0.15
Waugh Road	0.59		Rte 11 – Abrams Village	0.33
Nodd Road	0.61		St. Raphael Road	0.70
Total Kms	10.63		Total Kms	9.77

Prince Zone P-3

Prince Zone P-4

Road Name	Kilometres		Road Name	Kilometres
Rte 133 – Arlington	1.01		Route 150	0.51
Northam Road	1.00		Lewis Road	0.80
MacArthur Road	1.16		Cheese Factory Road	1.11

Moores Road	0.10		Duvar Road	1.08
Richard Road	0.06		Sou'West Road	1.25
Rte 142 – Knutsford	1.00		Mill Road	1.00
Southwest Road	0.49		Mill River Resort Road	0.57
Oatway Road	0.35		Dock Road	0.35
Rte 147 Locke Road	0.52		O'Halloran Road	0.50
Rte 11 – Enmore	1.21		Rte 12 – Anglo Tignish	1.25
Rte 14 – Coleman	1.00		Rte 155 – Thompson Road	1.44
Brae Harbour Road/ Grand Digue Road	1.40		Centreline Road	2.81
Navoo Road	1.51		Little Tignish Road	1.06
Beaton Road	0.90		Peter Road	0.92
Moorshed Road – Coleman	0.50		Old Western Road	0.46
			Park Lane	0.13
Total Kms	12.21		Total Kms	15.24

Bush Cutting

During the season, three government bushcutters cut bushes along the highway. Approximately 451.38 (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:

Sandstone	Gravel	Gabion Rock	Other	Millings
22,891	27,144	318	8	2,996

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 192,103 liters was used to treat 72.70 kilometers of road. An additional 124,074 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.

Prince Zone P-1 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Boodle Road			.60		.60	.60	
Tryon Church Road			1.2		1.2	1.2	
MacPherson Road			.80			.80	
MacQuarrie Road		.50				.50	
Vernon Muttart Road		.20				1.0	
North Freetown Road		.80			.20	2.5	
Middleton Road		.30				1.3	
Victoria Road		.30				1.3	
Stavert Shore Road					.20		
Rte 10 Seven Mile Bay					.10		
Cemetery Road						.80	
MacDonald Road		.30				1.2	
Greenan Road		.20				.80	

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Boulter Loop		.30		.30			
Freetown Road		1.0		2.1			
Fernwood Road		1.6		1.6			
Rte 10 Searltown		1.0		1.0			
Cumberland Cove Road		.20				1.0	
MacMurdo Road		.30				.80	
Sherry Road			.20			.40	
Norring Road				.80			
Bells Point Road				1.0			
Newton Road				.80			
Waugh Road				.60			
Victoria Road				1.0			
Dunk River Road				.40			
Totals		7.0	2.8	9.6	2.3	14.2	0

Prince Zone P – 2 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Old Station Road			.85		.80		
Royalty Pt Road			.90		.90		
Crafer Road		.30					
Old Prince Town Road	.40						
St John Road		.30	.30				
Cheese Factory Road					1.2		
Murphy Road		.60					
Strang Road		2.0					
Cimetiere Road		.30					
Thompson Pt Road					.50		
St Gilbert Road					.50		
St Nicholas Road					.30		
Rte 2 Wellington					.30		

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Clermont Road					.30		
Cannontown Road		.60					
Union Corner Road		.60					
Shore Road Darnley		.25					
Rte 11 Maximeville		.30		.30			
Rte 11 Egmont		1.1		1.1			
Irishtown Road	1.0			1.0			
Rte 12 Lot 16	1.3			1.3			
Baltic Road	2.1			2.1			
St Raphael Road		.65		.65			
Mill Road		.65		.65			
Totals	4.8	7.65	2.05	7.1	4.8	0	0

Prince Zone P – 3 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Camp Tamawaby		.30			.42		
Rte 2 Coleman					.15		
East Bideford					.20		
Mickey Allen Road		.80			1.6		
Conway Road					.20		
Smallwood Road			.30		.20		
Hall Road			1.5		.30		
Brae Harbour Road		1.4		1.4	.30		
Navoo Road	.15						
Port Hill Station Road	.10						
Campbell Road	.15						
Shaw Road			.40				
Percival River Road			.30				
Hebron Road			2.0				
Henry Culleton Road			1.0				

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Pete Con Road			1.0				
Tuplin Road			.40				
Luke Road			.30				
Tory Road		1.5					
Winston Barlow Road		.70					
Bay Road		.10					
MacNeil Road		.40					
Chappel Road		.20					
Palmer Road		.20					
Church Road		1.0					
Moorshead Road		.50		.50			
O'Leary Road		1.0		1.0			
Bannerman Road		.80					
Totals	0.40	8.90	7.2	2.9	3.37	0	0

Prince Zone P – 4 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Trout River Road		.80	.10				
Foye Road		.68					
Donahue Road		.60					
Jerry Road	.72						
Christopher Road		.87	.15				
Wedge Road		.19					
Strang Road			1.6				
Kelly Road		.32			.18		
Palmer Road		.20					
Gavin Road	.20						
Wells Road		.68					
Ferry Road					.20		
Prince William Street					.18		

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Knox Lane					.21		
Cedar Street		.16					
Ellis Avenue					.20		
Rte 14 Street Lawrence					1.05		
Centerline Road					.59		
Totals	0.92	4.5	1.85	0	2.61	0	0

Western Region - Winter 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: 9855 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 1801 tonnes to blend with its winter sand. The 30,612 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 stored at 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 recorded by Environment Canada recording station volunteers in the Western Region was:

Location	Recorded (cm)
Alma	271.2
Miscouche	239.0

Snow Removal Contracted Services

The following is a breakdown of the contracted snow removal services:

Contractor	Kms Plowed
101364	81.00
AJL Ltd.	90.40
Clearview Construction	172.00
Curran & Briggs	197.70
Duffy Construction	191.35
Matthew's Lime Spreading	106.20
Northern Enterprises Ltd.	89.20
Island Coastal West	176.00
Tri-Mix	103.10
Total	1206.95

The Department was responsible for plowing 413.54 kilometres of highway. To this end, 15 plow routes were established. The following equipment was assigned and located as follows:

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
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	0	6	4	3
Total	413.54	4	2	6	5	13

MECHANICAL BRANCH

Expenditures

Operating budgets for the Mechanical Branch and Fleet Operations during the year totalled \$19,172,700.

The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	5,090,500
Charlottetown Garage Indirect	1,151,100
Bridgetown Garage Direct	2,565,100
Bridgetown Garage Indirect	297,700
Summerside Garage Direct	4,192,000
Summerside Garage Indirect	144,000
Western Region Operators	1,604,500
Central Region Operators	2,677,600
Eastern Region Operators	1,450,200
Total	\$19,172,700.00

Equipment

During the 2021-22 year, a total of \$3,000,000 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 ton.

Light Fleet Purchases

Quantity	Equipment Purchased
3	One Ton Dual Wheel Crew Cab Trucks with Aluminium Boxes
4	Half Ton Regular Cab 4x4 (2 Door) Truck
4	AWD Sport Utility SUV (Hybrid)
1	Compact Car (Hybrid)
2	Passenger Van
7	Half Ton Extended Cab 4x4 Trucks
3	SUV

Quantity	Equipment Purchased
1	Super Duty F550 Truck
4	Sport Utility Vehicle (Electric)
1	One Ton 4x4 3500 Service Truck with Cap
30	Total Vehicles Purchased

Heavy Fleet

Heavy Fleet includes all commercial vehicles exceeding 2 ton and other heavy equipment such as loaders, tractors, bush cutters and attachments associated with the operation.

Heavy Fleet Purchases

Quantity	Equipment Purchased
3	Commercial Lawn Tractor with Front Mowers
3	140 HP MFWD Farm Tractors with 50" Rotary Mower
1	Asphalt Roller
9	Tandem Truck
3	Tandem Snow Plow Accessories
7	Inserts for Greasing Systems for Tandem Trucks
2	Heavy Equipment Bus Hoist
28	Total Equipment Purchased

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 in the fleet 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 heavy fleet continue to be older than the optimum age distribution.

Fleet Age Indicators

Unit	In Years				
	Quantity	Optimum Life	Target Average Age	Actual Average Age	Percentage Over Half Age
4 x 4 Truck	13	20	10	33	100%
Fuel Truck	1	10	5	17	100%
Grade-all	1	20	10	20	100%
Paint Truck	2	10	5	13.5	100%
Sand Hopper	20	20	10	22	100%

Unit	In Years				
	Quantity	Optimum Life	Target Average Age	Actual Average Age	Percentage Over Half Age
Shouldering Machine	2	20	10	11	100%
Single Axle	8	10	5	10	100%
Skid Steer	1	10	5	9	100%
Grader	23	20	10	26	87%
Corporate Fleet	417	6	3	7	72%
Bush Cutter	17	10	3	7	71%
Trailer	81	20	10	13	69%
Roller	28	20	10	10	57%
Loader	27	20	10	16	56%
Loader Mount Blower	12	20	10	8	42%
Tandem	61	10	5	9	38%
Crack Filling Machine	3	10	5	7	33%
Tractor Mount Blower	9	20	10	9	33%
Sign Truck	6	8	7	6	17%
Salt Spreader	13	15	10	6	0%
Vacuum Street Sweeper	1	10	5	4	0%

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 and Infrastructure 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.

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's Mechanical Branch continues to consider training a priority and therefore provided training in a number of areas. Below are training courses being provided:

- First Aid
- Bus Mechanic Training
- Engine Diagnostics
- Tire Training
- Mechanic Apprenticeship Training / OJT
- Computer Training
- Filing/RIM Training
- Electric Bus Training

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 councils and initiatives within the transportation and infrastructure sectors.

The section also provides professional engineering support and direction, as resources permit, in the following areas:

- 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; and
- 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, including the following:

- 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.

Section staff also led the development of a rural transit feasibility study and a rural transit pilot program, launched in October 2021. The new rural service expanded on the pre-existing County Line Express linking Summerside to Charlottetown, with new weekday routes connecting Souris and Three Rivers to Charlottetown.

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 CCBF project.

Within the reporting period, four infrastructure programs were in operation:

- Investing in Canada Program (ICIP)
- Canada Community Building Fund (CCBF)
- New Building Canada Fund – Small Communities Fund (NBCF-SCF)
- Clean Water Wastewater Fund (CWWF)
- Municipal Capital Expenditures Grant (MCEG)

Infrastructure Programs

Investing in Canada Infrastructure Program (2018-2028)

Through the Investing in Canada Plan, \$367 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 program is comprised of five streams - Public Transit, Green Infrastructure, Community, Culture and Recreation, Rural and Northern Communities, and Covid Resiliency Infrastructure.

ICIP Funding Stream	Amount
Public Transit (PT)	\$ 14,084,292.00
Green Infrastructure (CCM, ARDM, EQ)	\$ 204,429,138.00
Communities, Culture and Recreation (CCR)	\$ 29,060,925.00
Rural and Northern Communities (RNC)	\$ 82,705,236.00
CVRIS (Covid-19) Category 1-4	\$ 36,697,732.00
CVRIS (Ventilation) Category 5	\$ 4,738,144.00
Total	\$ 371,715,467.00

*Amounts include administrative expense allocations.

In April 2021, the federal Government announced the addition of \$4,738,144 million dollars under the CVRIS stream to support ventilation improvements in publicly owned buildings. This increased the total amount of federal dollars under the ICIP program to \$371.7 million dollars.

The following table shows the recipients and the amount of grant funding they received in 2021/22:

Applicant	Project Number and Description	Total Cost	FY 2021-22
Transportation and Infrastructure	ICIP-ARDM-2019-011 Cedar Dunes Shoreline Restoration	1,400,000.00	477,292.05
PEI Energy Corporation	ICIP-CCM-2019-001 PEI 2020 30MW Wind Farm	59,700,000.00	15,095.00
Summerside, City	ICIP-CCM-2019-008 Summerside Solar and Storage	65,800,015.22	25,279,353.99
TCAP Cooperative Ltd	ICIP-CCM-2019-015 TCAP Dehumidification and Air Exchange Replacement and Insulation	500,000.00	60,978.75
PEI Energy Corporation	ICIP-CCM-2019-016 Skinners Pond Transmission Line	42,500,000.00	37,569.73

Applicant	Project Number and Description	Total Cost	FY 2021-22
Tyne Valley, Rural Municipality	ICIP-CCM-2019-017 Tyne Valley Events Center Rebuild	9,999,478.26	4,380,642.07
North Rustico, Town	ICIP-CCM-2020-018 North Rustico Arena & Wellness Center Construction	9,501,130.43	4,785,694.11
PEI Energy Corporation	ICIP-CCM-2020-019 Slemon Park Microgrid	24,600,000.00	3,796,681.13
Education and Lifelong Learning	ICIP-CCM-2021-021 - 2021-22 Electric School Buses	12,775,000.00	4,819,220.31
Charlottetown, City	ICIP-CCM-2021-023 Charlottetown Simmons Sports Centre	24,424,452.61	150,125.82
Charlottetown, City	ICIP-CCR-2019-008 Wright's Creek Bridge Renewal	1,320,000.00	905,730.95
Murray River, Rural Municipality	ICIP-CCR-2019-010 Community Hall Revitalization Project	352,000.00	2,097.24
Stratford, Town	ICIP-CCR-2019-015 Fullertons Creek Conservative Areas Natural Playground and Multi-use Building	229,565.22	23,358.17
Three Rivers, Town	ICIP-CCR-2019-021 Three Rivers Cardigan Ballfield Lights and Upgrades	536,877.48	22,011.06
Three Rivers, Town	ICIP-CCR-2019-022 Three Rivers Montague Waterfront Improvements	1,002,650.00	33,959.13
Abegweit First Nation	ICIP-CCR-2019-030 Epekwitk Mena'taqug Center	1,088,000.00	835,181.91
Charlottetown Area Development Corp	ICIP-CCR-2019-031 The Charlottetown Library Learning Center	15,858,500.00	4,348,174.48
Generation xx	ICIP-CCR-2019-032 Generation XX Accessibility	947,826.09	88,895.35
O'Leary Community Sports Centre Inc	ICIP-CCR-2019-036 Hockeyville Legacy Project - O'Leary Arena Upgrades	1,611,304.35	437,101.36
Alberton, Town	ICIP-CCR-2019-037 Renewal of Arena	884,782.00	648,811.00
Wood Islands and Area Development Corp	ICIP-CCR-2019-044 Infrastructure Improvements at Wood Island Lighthouse	73,916.00	7,624.76
Transportation and Infrastructure	ICIP-CCR-2019-046 Canada Games 2023 Mark Arendz Provincial Ski Park - Nordic Venue Upgrades	3,150,000.00	949,585.61
Summerside, City	ICIP-CCR-2020-020 Canada Games 2023 Multipurpose Training Facility	5,100,000.00	3,686,248.80
Silver Fox Curling & Yacht Club	ICIP-CCR-2020-048 Canada Games 2023 Silver Fox Curling Club Upgrades	500,000.00	257,409.60
Pownal Sports Centre	ICIP-CCR-2020-049 CG23 Pownal Sports Centre Upgrades	300,000.00	186,991.50
Communities 13 Inc.	ICIP-CCR-2020-051 CG23 APM Centre Upgrades	243,100.00	39,891.52

Applicant	Project Number and Description	Total Cost	FY 2021-22
Sports and Recreation Centre Association of Tignish	ICIP-CCR-2020-052 CG23 Tignish Arena Centre Upgrades	209,000.00	113,410.27
Finance	ICIP-CCR-2020-054 Canada Games 2023 Eastlink Trade Center Upgrades	525,000.00	166,117.94
Community Connections Inc	ICIP-CCR-2021-056 Community Connections Accessibility Upgrades	1,285,794.33	156,091.52
Resort Municipality Community	ICIP-CCR-2021-058 Replace 4 Picnic Shelters at Montgomery Park	130,326.09	50,927.53
Cornwall, Town	ICIP-CCR-2021-059 Sunrise Cove Shoreline Protection & Recreation Area	376,130.20	6,809.58
Justice and Public Safety	ICIP-CVRIS-2020-100 PCC Women's Addition	10,000,000.00	3,054,662.74
Finance	ICIP-CVRIS-2020-101 Wastewater Systems Replacements	535,000.00	428,000.00
Public Schools Branch	ICIP-CVRIS-2020-102 Four Partial School Roof Replacements	630,000.00	417,526.83
Transportation and Infrastructure	ICIP-CVRIS-2020-103 Access Summerside Heating System Upgrade	225,000.00	44,981.60
Transportation and Infrastructure	ICIP-CVRIS-2020-104 TI Building Roof Replacements	770,000.00	390,425.08
Transportation and Infrastructure	ICIP-CVRIS-2020-105 Royalty Centre Electrical Service Upgrade	195,500.00	94,286.02
Public Schools Branch	ICIP-CVRIS-2020-106 Ellerslie Gym Floor Replacement	100,000.00	80,000.00
Public Schools Branch	ICIP-CVRIS-2020-107 Kensington Intermediate High School Exterior Siding	650,000.00	297,404.00
Public Schools Branch	ICIP-CVRIS-2020-108 Montague Consolidated School Infrastructure Improvements	1,275,000.00	939,874.83
Health PEI	ICIP-CVRIS-2020-109 Western Hospital Basement Ventilation Project	155,000.00	7,431.62
Health PEI	ICIP-CVRIS-2020-110 KCMH Interior and Exterior Repairs	1,300,000.00	59,953.10
Health PEI	ICIP-CVRIS-2020-111 QEH Air Handling Unit #'s 1 and 3 Replacement Project	1,250,000.00	498,446.80
Health PEI	ICIP-CVRIS-2020-112 Nurse Call System Replacements	950,000.00	24,624.13
Health PEI	ICIP-CVRIS-2020-113 Health PEI Generator Replacement	950,000.00	249,834.20
Health PEI	ICIP-CVRIS-2020-115 QEH Partial Roof Replacement	2,250,000.00	741,961.62

Applicant	Project Number and Description	Total Cost	FY 2021-22
Public Schools Branch	ICIP-CVRIS-2020-118 Elm Street & Greenfield Elementary Public Address System Replacement	200,000.00	293,871.24
Public Schools Branch	ICIP-CVRIS-2020-137 West Royalty Elementary Classroom Addition	5,130,400.00	2,506,382.40
Health PEI	ICIP-CVRIS-2020-138 QEH Air Handling Unit #2 Replacement Project	730,000.00	362,093.03
Health PEI	ICIP-CVRIS-2020-139 QEH Gas Column Upgrades	365,000.00	400,588.90
Public Schools Branch	ICIP-CVRIS-2020-140 Bluefield High School Dust Collector Upgrade	185,000.00	115,780.46
Health PEI	ICIP-CVRIS-2020-200 Health PEI/TIE Pandemic Warehouse	3,000,000.00	649,538.31
Public Schools Branch	ICIP-CVRIS-2020-201 Eliot River Elementary Sitework Phase 2	425,000.00	340,000.00
Finance	ICIP-CVRIS-2020-300 Morell Rails to Trails Structure Replacement	2,000,000.00	1,166,434.82
Public Schools Branch	ICIP-CVRS-2020-114 Eliot River Elementary Building Phase 1	850,000.00	680,000.00
Charlottetown, City	ICIP-EQ-2019-004 Sewer Lift Stations Rehabilitation and Enhancement	3,300,000.00	22,766.33
Charlottetown, City	ICIP-EQ-2019-006 Wastewater Treatment Plant Resiliency Improvements	6,600,000.00	1,978,334.05
Cornwall, Town	ICIP-EQ-2019-011 Cornwall Wellfield Development	3,061,542.00	781,986.88
Kensington, Town	ICIP-EQ-2019-013 Kensington Lagoon Upgrades	530,800.00	170,365.11
Kensington, Town	ICIP-EQ-2019-014 Kensington Wellfield System Upgrades	354,869.55	157,473.94
Morell, Rural Municipality	ICIP-EQ-2019-016 Morell Wastewater System Upgrades and Rehabilitation	956,521.73	60,626.18
Souris, Town	ICIP-EQ-2019-020 Souris Wastewater Treatment Facility Upgrades	3,300,000.00	1,768,272.97
Stratford, Town	ICIP-EQ-2019-024 Sewer Lift Station Upgrades - Pondside/Bayside/Corish	956,521.74	20,531.96
Stratford, Town	ICIP-EQ-2019-027 Water Station Upgrades Pondside, Cable Heights, Fullerton, Beacon Hill	277,391.30	173,117.24
Environmental Industrial Services Inc	ICIP-EQ-2019-036 Georgetown Water System Upgrades	600,000.00	143,271.00
Slemon Park Corp	ICIP-EQ-2019-037 Aerospace Boulevard Sewer Line Replacement 2021	566,500.00	11,163.33
Transportation and Infrastructure	ICIP-EQ-2020-040 2021-22 Active Transportation Road Widening	1,052,100.00	402,510.81

Applicant	Project Number and Description	Total Cost	FY 2021-22
Transportation and Infrastructure	ICIP-EQ-2020-041 2021-22 Capital Projects 14K Plus AT Routes	4,228,000.00	1,268,741.90
Transportation and Infrastructure	ICIP-EQ-2021-051 Cornwall Main Street Water Main Upsizing and Extension	3,139,246.20	3,199.38
Transportation and Infrastructure	ICIP-EQ-2021-042 St. Nicholas Confederation Trail Structure	450,000.00	83,722.65
Transportation and Infrastructure	ICIP-EQ-2021-044 2020-21 Prince Edward Home Active Transportation	380,000.00	36,639.36
Transportation and Infrastructure	ICIP-EQ-2021-045 Capital Projects Active Transportation 2	5,700,000.00	617,662.23
Cornwall, Town	ICIP-EQ-2021-050 North River Lagoon Berm Rehabilitation	311,817.00	17,213.54
Kinkora, Rural Municipality	ICIP-EQ-2021-052 Kinkora UV Treatment Structure Upgrade	59,620.00	6,826.28
Lennox Island First Nation	ICIP-PLAN-2020-001 Lennox Island First Nation Wharf Design	800,000.00	179,941.50
Abegweit First Nation	ICIP-PLAN-2020-002 Epekwitk Mena'taquug Center Design and Planning	183,000.00	54,900.00
Charlottetown, City	ICIP-PLAN-2021-003 Eastern Gateway - Storm Water Planning	110,000.00	34,975.24
Charlottetown, City	ICIP-PT-2019-001 CATCC Diesel Bus Replacement	4,356,000.00	1,696,708.91
Transportation West Inc.	ICIP-PT-2019-002 Transportation West 2019 Fleet Upgrades	748,783.00	101,327.68
Pat and the Elephant	ICIP-PT-2019-003 Pat and the Elephant Van Replacement	437,896.00	48,408.14
Bell Canada	ICIP-RNC-2019-001 Bell Aliant Rural Broadband Expansion	35,730,192.00	3,357,063.75
Xplornet Communications Inc	ICIP-RNC-2019-002 Xplornet	38,122,415.00	3,380,921.29
Transportation and Infrastructure	ICIP-RNC-2020-011 2020-21 Stimulus Bridge Bundle	4,025,000.00	967,820.44
Transportation and Infrastructure	ICIP-RNC-2020-012 2020-21 PEI TIE Local Roads 2	6,471,119.00	223,215.17
Transportation and Infrastructure	ICIP-RNC-2020-014 2020-14-7 TIE Structure Replacements	3,000,000.00	283,501.19
Transportation and Infrastructure	ICIP-RNC-2020-015 2020-21 PEI TIE Local Roads Bundle IV	6,452,392.00	1,109,337.75
Transportation and Infrastructure	ICIP-RNC-2020-016 2021-22 PEI TI Local Roads	4,797,623.00	2,298,928.95
Total		\$462,105,097.80	\$92,074,659.12

Canada Community Building Fund (CCBF) (2014-2024)

The CCBF program (formerly known as 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 ten-year Administrative Agreement covering 2014/15-2023/24 for \$78 million.

The first five years of the ten-year agreement provided \$78 million to the province, which was distributed among the following four components:

• Direct Allocation to the 26 Water and/or Sewer Communities	\$41.34 million
• Notional Allocation to 47 municipalities without water and/or sewer	\$ 2.59 million
• Roads and Bridges (municipal road services provided by the Province)	\$23.40 million
• Municipal Strategic Component (includes administration costs)	<u>\$10.66 million</u>
Total	\$ 78.0 million

The last five years of the CCBF Administrative Agreement has provided the Province with a total of \$118.5 million from Canada. There was a top-up of \$16.5M given to the Province in 2019/20 and another \$16.5M in 2020-21. The Province will receive these funds from the Federal Government in the following allotments:

2019 – 2020	2020 – 2021	2021 – 2022	2022 - 2023	2023 - 2024
\$33,000,000.00	\$33,000,000.00	\$17,250,000.00	\$17,250,000.00	\$18,000,000.00

All projects undertaken with CCBF funding must fall within the 19 eligible project categories, which are:

- | | |
|--|---|
| <ul style="list-style-type: none">• Wastewater• Public Transit• Tourism• Recreation• Broadband Connectivity• Local Roads and Bridges• Fire Halls• Solid Waste• Drinking Water• Cultural | <ul style="list-style-type: none">• Sports• Short Sea Shipping• Highways• Community Energy Systems• Shortline Rail• Capacity Building• Disaster Mitigation• Regional and Local Airports• Brownfield Redevelopment |
|--|---|

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 \$17.24 million in 2021/22.

In 2021/22, the Infrastructure Secretariat reviewed 15 Direct Allocation Capital Investment Plans (CIP) for a total investment of \$4.75M of which municipalities used \$1.65M of their direct allocation funds towards their projects.

Direct Allocation	Project Description	Federal Share 2021-22
Abram Village, Rural Municipality	GT-DA Abram-Village 1st and 2nd Installments 2021/22	100,000.00
Abram Village, Rural Municipality	GTDA/TU Abram Village 2020-2021	100,000.00
Alberton, Town	GT-DA Alberton 1st and 2nd Installments 2021/22	110,707.00
Alberton, Town	GTDA/TU Alberton 2020-2021	104,739.00
Borden Carleton, Town	GT-DA Borden-Carleton 1st and 2nd Installments 2021/22	100,000.00
Charlottetown, City	GT-DA Borden-Carleton 1st and 2nd Installments 2021/22	3,489,829.00
Charlottetown, City	GTDA/TU Charlottetown 2020-2021	3,301,715.00
Cornwall, Town	GT-DA Cornwall 1st and 2nd Installments 2021/22	517,083.00
Cornwall, Town	GTDA/TU Cornwall 2020-2021	489,211.00
Crapaud, Rural Municipality	GT-DA Crapaud 2nd Installment 2019/20	50,000.00
Crapaud, Rural Municipality	GT-DA Crapaud 1st and 2nd Installments 2020/21	100,000.00
Hunter River, Rural Municipality	GT-DA Hunter River 1st and 2nd Installments 2021/22	100,000.00
Hunter River, Rural Municipality	GTDA/TU Hunter River 2020-2021	100,000.00
Kensington, Town	GT-DA Kensington 1st and 2nd Installments 2021/22	156,537.00
Kensington, Town	GTDA/TU Kensington 2020-2021	148,099.00
Kinkora, Rural Municipality	GT-DA Kinkora 1st and 2nd Installments 2021/22	100,000.00
Kinkora, Rural Municipality	GTDA/TU Kinkora 2020-2021	100,000.00
Miscouche, Rural Municipality	GT-DA Miscouche 1st and 2nd Installments 2021/22	100,000.00
Miscouche, Rural Municipality	GTDA/TU Miscouche 2020-2021	100,000.00
Morell, Rural Municipality	GT-DA Morell 1st and 2nd Installments 2021/22	100,000.00
Morell, Rural Municipality	GTDA/TU Morell Top Up 2020-2021	100,000.00
Mount Stewart, Rural Municipality	GT-DA Mount Stewart 1st and 2nd Installments 2021/22	100,000.00
Mount Stewart, Rural Municipality	GTDA/TU Mount Stewart 2020-2021	100,000.00
Murray Harbour, Rural Municipality	GT-DA Murray Harbour 1st and 2nd Installments 2021/22	100,000.00
Murray Harbour, Rural Municipality	GTDA/TU Murray Harbour 2020-2021	100,000.00

Direct Allocation	Project Description	Federal Share 2021-22
North Rustico, Town	GT-DA North Rustico 1st and 2nd Installments 2021/22	100,000.00
O'Leary, Town	GT-DA O'Leary 1st and 2nd Installments 2021/22	100,000.00
O'Leary, Town	GTDA/TU O'Leary 2020-2021	100,000.00
Resort Municipality Community	GT-DA Resort Municipality 1st and 2nd Installments 2021/22	100,000.00
Resort Municipality Community	GTDA/TU Resort Municipality Top Up 2020-2021	100,000.00
Souris, Town	GT-DA Souris 1st and 2nd Installments 2021/22	101,812.00
St Peters Bay, Rural Municipality of	GT-DA St Peter's Bay 1st and 2nd Installments 2021/22	100,000.00
St Peters Bay, Rural Municipality of	GTDA/TU St. Peter's Bay 2020-2021	100,000.00
Stratford, Town	GT-DA Stratford 1st and 2nd Installments 2021/22	938,446.00
Stratford, Town	GTDA/TU Stratford 2020-2021	887,861.00
Summerside, City	GT-DA Summerside 1st and 2nd Installments 2021/22	1,433,775.00
Summerside, City	GTDA/TU Summerside 2020-2021	1,356,490.00
Three Rivers, Town	GT-DA Three Rivers 1st and 2nd Installments 2021/22	694,311.00
Three Rivers, Town	GTDA/TU Three Rivers 2020-2021	656,885.00
Tignish, Rural Municipality	GTDA/TU Tignish 2020-2021	100,000.00
Tyne Valley, Rural Municipality	GT-DA Tyne Valley 1st and 2nd Installments 2021/22	100,000.00
Victoria, Rural Municipality	GT-DA Victoria 1st and 2nd Installments 2021/22	100,000.00
Wellington, Rural Municipality	GT-DA Wellington 1st and 2nd Installments 2021/22	100,000.00
Wellington, Rural Municipality	GTDA/TU Wellington 2020-2021	100,000.00
Total		\$17,237,500.00

Notional Allocation (NA) to Remaining 34 Municipalities

Under the new CCBF Administrative Agreement it was negotiated that municipalities who do not offer water and/or sewer services would receive 3.33% of the total CCBF Fund which is divided up by population. Municipalities in the Notional Allocation category received a total of \$938,230 in 2021/22. In 2021/22, the Infrastructure Secretariat reviewed 10 Notional Allocation CIPs for a total investment of \$1.1M.

Notional Allocation	Project Description	Federal Share 2021-22
Alberton, Town	GT-NA Alberton from Greenmount-Montrose 1st and 2nd Installments 2021-2022	2,000.00
Bedeque Rural Municipality Of	GT-NA Bedeque and Area Balance Owed 2018-19 Installments	1,492.00
Bedeque Rural Municipality Of	GT-NA Bedeque and Area 1st and 2nd Installments 2021/22	9,056.00
Bedeque Rural Municipality Of	GTNA/TU Bedeque and Area 2020-2021	8,663.00
Belfast Rural Municipality Of	GT-NA Belfast Balance Owed 2018-19 Installments	7,887.00
Belfast Rural Municipality Of	GT-NA Belfast 1st and 2nd Installments 2021/22	50,080.00
Brackley Rural Municipality Of	GT-NA Brackley Balance Owed 2018-19 Installments	2,703.00
Brackley Rural Municipality Of	GT-NA Brackley 1st and 2nd Installments 2021/22	17,873.00
Brackley Rural Municipality Of	GTNA/TU Brackley 2020-2021	17,096.00
Breadalbane Rural Municipality Of	GT-NA Breadalbane Balance Owed 2018-19 Installments	833.00
Breadalbane Rural Municipality Of	GT-NA Breadalbane 1st and 2nd Installments 2020/21	4,790.00
Breadalbane Rural Municipality Of	GT-NA Breadalbane 1st and 2nd Installments 2021/22	5,008.00
Breadalbane Rural Municipality Of	GTNA/TU Breadalbane 2020-2021	4,790.00
Central Kings Rural Municipality Of	GT-NA Central Kings Balance Owed 2018-19 Installments	1,585.00
Central Kings Rural Municipality Of	GT-NA Central Kings 1st and 2nd Installments 2021/22	10,166.00
Central Kings Rural Municipality Of	GTNA/TU Central Kings 2020-2021	9,724.00
Central Prince Rural Municipality Of	GT-NA Central Prince Balance Owed 2018-19 Installments	5,600.00
Clyde River Rural Municipality Of	GT-NA Clyde River Balance Owed 2018-19 Installments	2,774.00
Clyde River Rural Municipality Of	GTNA/TU Clyde River Top Up 2020-2021	18,731.00
Clyde River Rural Municipality Of	GT-NA Clyde River 1st and 2nd Installments 2021/22	19,582.00
Clyde River Rural Municipality Of	GT-NA Clyde River 1st and 2nd Installments 2020/21	18,731.00
Clyde River Rural Municipality Of	GT-NA Clyde River 2nd Installment 2019/20	9,365.50
Eastern Kings Rural Municipality Of	GT-NA Eastern Kings Balance Owed 2018-19 Installments	3,382.00
Eastern Kings Rural Municipality Of	GT-NA Eastern Kings 1st and 2nd Installments 2021/22	21,262.00

Notional Allocation	Project Description	Federal Share 2021-22
Eastern Kings Rural Municipality Of	GTNA/TU Eastern Kings 2020-2021	20,337.00
Greenmount Montrose Rural Municipality Of	GT-NA Greenmount-Montrose Balance Owed 2018-19 Installments	1,242.00
Greenmount Montrose Rural Municipality Of	GT-NA Greenmount-Montrose 1st and 2nd Installments 2021/22 (balance after donating funds)	1,977.00
Greenmount Montrose Rural Municipality Of	GTNA/TU Greenmount-Montrose Top Up 2020-2021	7,630.00
Hazelbrook Rural Municipality Of	GT-NA Hazelbrook Balance Owed 2018-19 Installments	828.00
Kingston Rural Municipality Of	GT-NA Kingston Balance Owed 2018-19 Installments	3,825.00
Kingston Rural Municipality Of	GT-NA Kingston 1st and 2nd Installments 2021/22	32,867.00
Kingston Rural Municipality Of	GTNA/TU Kingston 2020-2021	31,438.00
Linkletter Rural Municipality Of	GT-NA Linkletter Balance Owed 2018-19 Installments	1,541.00
Linkletter Rural Municipality Of	GT-NA Linkletter 1st and 2nd Installments 2021/22	9,296.00
Linkletter Rural Municipality Of	GTNA/TU Linkletter 2020-2021	8,892.00
Lot 11 & Area Rural Municipality Of	GT-NA Lot 11 and Area Balance Owed 2018-19 Installments	3,059.00
Malpeque Bay Rural Municipality Of	GT-NA Malpeque Bay Balance Owed 2018-19 Installments	4,958.00
Malpeque Bay Rural Municipality Of	GT-NA Malpeque Bay 1st and 2nd Installments 2021/22	30,888.00
Malpeque Bay Rural Municipality Of	GTNA/TU Malpeque Bay 2020-2021	29,545.00
Miltonvale Park Rural Municipality Of	GT-NA Miltonvale Park Balance Owed 2018-19 Installments	5,555.00
Miltonvale Park Rural Municipality Of	GT-NA Miltonvale Park 1st and 2nd Installments 2021/22	34,427.00
Miltonvale Park Rural Municipality Of	GTNA/TU Miltonvale Park Top Up 2020-2021	32,930.00
Murray River Rural Municipality Of	GT-NA Murray River Balance Owed 2018-19 Installments	1,609.00
Murray River Rural Municipality Of	GT-NA Murray River 1st and 2nd Installments 2021/22	9,116.00
Murray River Rural Municipality Of	GTNA/TU Murray River 2020-2021	8,720.00

Notional Allocation	Project Description	Federal Share 2021-22
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Installment 2014/15	2,178.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2014/15	2,178.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Allocation 2015/16	2,178.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2015/16	2,178.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Installment 2016/17	2,287.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2016/17	2,287.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Installment 2017/18	2,287.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2017/18	2,287.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Installment 2018/19	2,834.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2018/19	2,834.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st Installment 2019/20	2,710.50
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 2nd Installment 2019/20	2,710.50
North Wiltshire Rural Municipality Of	GTNA/TU North Wiltshire 2019-2020	5,421.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st and 2nd Installments 2020/21	5,421.00
North Wiltshire Rural Municipality Of	GTNA/TU North Wiltshire 2020-2021	5,421.00
North Wiltshire Rural Municipality Of	GT-NA North Wiltshire 1st and 2nd Installments 2021/22	5,668.00
Northport Rural Municipality Of	GT-NA Northport Balance Owed 2018-19 Installments	904.00
Northport Rural Municipality Of	GT-NA Northport 1st and 2nd Installments 2021/22	5,578.00
Northport Rural Municipality Of	GTNA/TU Northport 2020-2021	5,335.00
O'Leary Town	GT-NA O'Leary from Greenmount-Montrose 1st and 2nd Installments 2021-2022	2,000.00
North Shore Rural Municipality Of	GT-NA North Shore Balance Owed 2018-19 Installments	9,158.00

Notional Allocation	Project Description	Federal Share 2021-22
North Shore Rural Municipality Of	GT-NA North Shore 1st and 2nd Installments 2021/22	62,376.00
Souris Town	GT-NA Souris (from Souris West) Balance Owed 2018-19 Installments	1,922.00
Souris Town	GT-NA Souris West (allocated to Souris) 1st and 2nd Installments 2021/22	10,676.00
St Louis Rural Municipality Of	GT-NA St. Louis Balance Owed 2018-19 Installments	244.00
St Louis Rural Municipality Of	GTNA/TU St. Louis 2020-2021	1,893.00
St Louis Rural Municipality Of	GT-NA St. Louis 1st and 2nd Installments 2020/21	1,893.00
St Louis Rural Municipality Of	GT-NA St. Louis 1st and 2nd Installments 2021/22	1,979.00
St Nicholas Rural Municipality Of	GT-NA St. Nicholas Balance Owed 2018-19 Installments	954.00
Three Rivers Town	GT-NA Three Rivers (for Brudenell) Balance Owed 2018-19 Installments	1,743.00
Three Rivers Town	GT-NA Three Rivers (for Cardigan) Balance Owed 2018-19 Installments	1,599.00
Three Rivers Town	GT-NA Three Rivers (for Lower Montague) Balance Owed 2018-19 Installments	3,204.00
Union Road Rural Municipality Of	GT-NA Union Road Balance Owed 2018-19 Installments	1,132.00
Warren Grove Rural Municipality Of	GT-NA Warren Grove Balance 2018-19 Installments	1,767.00
West River Rural Municipality Of	GT-NA West River (for Afton) Balance Owed 2018-19 Installments	5,886.00
West River Rural Municipality Of	GT-NA West River (for Bonshaw) Balance Owed 2018-19 Installments	1,049.00
West River Rural Municipality Of	GT-NA West River (for Meadowbank) Balance Owed 2018-19 Installments	1,628.00
West River Rural Municipality Of	GT-NA West River (for New Haven-Riverdale) Balance Owed 2018-19 Installments	2,336.00
West River Rural Municipality Of	GT-NA West River Balance Owed 2018-19 Installments	3,568.00
West River Rural Municipality Of	GT-NA West River 1st and 2nd Installments 2021/22	94,583.00
West River Rural Municipality Of	GT-NA West River (for Meadowbank) 2nd Installment 2019/20	5,091.50
West River Rural Municipality Of	GT-NA West River (for Meadowbank) 1st and 2nd Installments 2020/21	10,183.00
West River Rural Municipality Of	GT-NA West River 1st and 2nd Installments 2020/21	22,976.00

Notional Allocation	Project Description	Federal Share 2021-22
West River Rural Municipality Of	GTNA/TU West River Top Up 2020-2021	90,471.00
York Rural Municipality Of	GT-NA York Balance Owed 2018-19 Installments	1,368.00
Total		\$938,230.00

Roads and Bridges (R&B)

The Roads and Bridges component of the CCBF program will receive 30% of the Province's total CCBF allotment, totaling \$35.5M from 2019 to 2024. The Department of Transportation and Infrastructure 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. The 2021/22 project list includes the following:

- 2020-21-97 - Aerospace Boulevard – Slemon Park
- 2021-22-105 - Route 1 – Crapaud (Right Turn Lane) 2021
- 2021-22-107 - Route 16- South Lake (Intersection)
- 2021-22-108 - Jessie Street Extension & Kellow Drive -Cornwall
- 2021-22-109 - Rte 326 - Montague 2021
- 2021-22-110 - Route 4 - Albion Cross 2021
- 2021-22-111 - Charlottetown Perimeter Highway - Charlottetown 2021
- 2021-22-112 - Route 2 – East Royalty Roundabouts – Charlottetown 2021 (Angus)
- 2021-22-113 - Route 27 Clyde River
- 2021-22-114 - MacIntyre Ave Montague
- 2021-22-115 - Linkletter Ave -Central Bedeque 2021
- 2021-22-116 - Route 1 Pinette Slipway Realignment
- 2021-22-117 - Barrett Street - Kensington 2022 (Storm Sewer)
- 2021-22-118 - Long Patch

Municipal Strategic Component (MSC)

The Municipal Strategic Component of the CCBF 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 CCBF allotment.

The MSC has two intakes per year for project consideration depending on the amount of funds approved in previous years.

In 2021/22, the Project Review Committee approved 7 MSC projects for a total investment of \$6.1M. The total amount of funding released to MSC Ultimate Recipients in 2021/22 was \$5.89M.

Municipal Strategic Component	Project Description	Federal Share 2021-22
Belfast Rural Municipality Of	MSC Belfast 67.0 Official Community Plan and Development Bylaw	20,304.35
Borden Carleton Town	MSC Borden-Carleton 77.0 Water Tower Upgrades	192,500.00
Charlottetown City	MSC Charlottetown 100.0 Official Plan and Sustainability Study	381,150.00
Cornwall Town	MSC Cornwall 75.0 Upgrades to Wastewater Treatment Lagoons	408,012.00
Cornwall Town	MSC Cornwall 99.0 Jessie Street Water/Sewer Extension	138,983.63
Kensington Town	MSC Kensington 79.0 Business Park Road and Utility Construction	2,050,792.70
Souris Town	MSC Souris 88.0 Chesapeake East Subdivision Road and Utility Construction	382,770.14
Stratford Town	MSC Stratford 38.0 Collaborative GIS Aerial Photo and Data Project	28,875.85
Stratford Town	MSC Stratford 93.0 SCADA System Control Upgrades Phase 2	86,611.25
Summerside City	MSC Summerside 71.0 Granville Street Storm System	891,189.00
Summerside City	MSC Summerside 83.0 Summerside Boardwalk Remediation	400,224.00
Summerside City	MSC Summerside 84.0 Duke Street Storm System	338,146.05
Summerside City	MSC Summerside 85.0 Reads Corner Lift Station	412,500.00
Three Rivers Town	MSC Three Rivers 73.0 Montague Sludge Storage Expansion	34,680.00
Wellington Rural Municipality Of	47.0 MSC-Wellington-Municipal Management Growth Study	1,614.80
Wellington Rural Municipality Of	MSC Wellington 96.0 Barlow Road Sewer Expansion	41,723.00
West River Rural Municipality Of	MSC West River 97.0 Official Plan	80,036.55
Total		\$5,890,113.32

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:

- Water Infrastructure
- Wastewater Infrastructure
- Public Transit Infrastructure
- Green Energy Infrastructure
- Disaster Mitigation Infrastructure
- Connectivity and Broadband Infrastructure
- Highways and Major Roads Infrastructure
- Solid Waste Management
- Innovation
- Brownfield Remediation and Redevelopment
- Local and Regional Airport
- Short Sea Shipping Infrastructure
- Shortline Rail

The Canadian Centre of Climate Change and Adaptation is the only active project in the BFC-SCF program in 2021/22. The project is now complete and the NBCF-SCF program is closed.

The following table of the New Building Canada Fund – Small Communities Fund shows the Actual Expenditures for 2021/22:

Applicant	Project Number and Description	FY 2021-22 Amount
University Of PEI	2019-SCF-037 Canadian Center for Climate Change and Adaptation	7,157,081.64
Total		\$7,157,081.64

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 had to be construction complete by December 31, 2021. The CWWF program is now closed.

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 \$87.4M in expenditures of which the Federal Government is contributing \$43.7M and the Province contributed \$21.8M.

The following table shows the Actual Expenditures for 2021/22:

Applicant	Project Number and Description	FY 2021-22 Amount
Charlottetown City	CWWF-2019-012 Miltonvale Wellfield Reservoir	645,243.79
Stratford Utility Corporation	CWWF-2016-034 Wastewater Delivery to System to CPCP	899,383.96
Total		\$1,544,627.75

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 and Infrastructure. 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 2021/22 budget set aside \$2.7 million. Municipalities were given a year to collect on the previous year's expenditures. The FY of 2021/22 has seen municipalities receive grants up to \$6.5M.

The following table shows the recipients and how much in grant funding they received.

Applicant	Project Number and Description	FY 2021-22
Abram Village Rural Municipality Of	MCEG Abrams Village 4th Quarter Claim 2020-2021	21,386.54
Alberton Town	MCEG Alberton 4th Quarter Claim Payment 2020-2021, MCEG Alberton 1st, 2nd, 3rd Quarter Claim Payments 2021-2022	103,940.99
Bedeque Rural Municipality Of	MCEG Bedeque and Area 1st, 2nd, 3rd Claim Payment 2021-2022	10,340.83
Borden Carleton Town	MCEG Borden-Carleton 4th Quarter Claim 2020-2021	8,345.99
Brackley Rural Municipality Of	MCEG Brackley 1st, 2nd, 3rd Quarter Claim 2020-2021	2,607.95
Charlottetown City	MCEG Charlottetown 4th Quarter Claim Payment 2020-2021	2,000,512.44
Cornwall Town	MCEG Cornwall 4th Quarter Claim 2020-2021, 1st, 2nd, 3rd Quarter Claims 2021-2022	447,509.63
Crapaud Rural Municipality Of	MCEG Crapaud 4th Quarter Claim Payment 2020-2021	9,487.95
Hunter River Rural Municipality Of	MCEG Hunter River 1st and 3rd Quarter Claim Payment 2021-2022	2,325.58
Kensington Town	MCEG Kensington 4th Quarter Claim Payment 2020-2021, 1st, 2nd, 3rd Quarter Claim Payments 2021-2022	375,619.04
Kinkora Rural Municipality Of	MCEG Kinkora 4th Quarter Claim 2020-2021	5,982.28
Malpeque Bay Rural Municipality Of	MCEG Malpeque Bay 1st Quarter Claim Payment 2021-2022	66.82
Miltonvale Park Rural Municipality Of	MCEG Miltonvale Park 4th Quarter Claim Payment 2020-2021	1,890.14
Miminegash Rural Municipality Of	MCEG Miminegash 4th Quarter Claim Payment 2020-2021	442.5

Applicant	Project Number and Description	FY 2021-22
Miscouche Rural Municipality Of	MCEG Miscouche 1st Quarter Claim 2021-2022. 2nd, 3rd, 4th Quarter Claims 2021-2022	25,661.15
Morell Rural Municipality Of	MCEG Morell Second Submission 4th Quarter Claim 2020-2021, 2nd, 3rd, 4th Quarter Claims 2021-22	11,903.49
Mount Stewart Rural Municipality Of	MCEG Mount Stewart 4th Quarter Claim Payment 2020-2021	753.07
North Rustico Town	MCEG North Rustico 3rd and 4th Quarter Claim Payment 2020-2021, 2nd and 3rd Quarter Claims 2021-2022	514,379.99
Northport Rural Municipality Of	MCEG Northport 4th Quarter Claim Payment 2020-2021	9,738.36
O'Leary Town	MCEG O'Leary 1st, 2nd, 3rd, 4th Quarter Claim 2020-2021	76,111.98
Resort Municipality Community	MCEG Resort Municipality 1st, 2nd, 3rd, 4th Qtr Claim 2020-2021	44,409.98
Rural Municipality Of North Shore	MCEG North Shore 1st, 2nd, 3rd, 4th Quarters Claim 2020-2021	16,699.60
Souris Town	MCEG Souris 4th Quarter Claim 2020-2021, 3rd Quarter Claim payment 2021-2022	233,987.20
St Louis Rural Municipality Of	MCEG St. Louis 4th Quarter Claim Payment 2020- 2021, 4th Quarter Claim Payment 2021-2022	4,927.89
St Nicholas Rural Municipality Of	MCEG St. Nicholas 4th Quarter Claim 2020-2021	910.98
St Peters Bay Rural Municipality Of	MCEG St. Peter's Bay 3rd Quarter Claim 2020-2021	5,035.63
Stratford Town	MCEG Stratford 1st Quarter Claim Payment 2020- 2021	738,403.03
Summerside City	MCEG Summerside 4th Quarter Claim 2020-2021, 1st, 2nd, 3rd Quarter Claims 2021-22	648,892.88
Three Rivers Town	MCEG Three Rivers 1st, 2nd, 3rd, 4th Quarters Claim 2020-2021	286,902.35
Tignish Rural Municipality Of	MCEG Tignish 4th Qtr Claim 2019-2020	31,455.70
Tyne Valley Rural Municipality Of	MCEG Tyne Valley 4th Quarter Claim Payment 2020-2021, 1st, 2nd, 3rd Quarter Claim Payments 2021-2022	866,847.76
Victoria Rural Municipality Of	MCEG Victoria 1st Quarter Claim 2020-2021	4,314.47
Wellington Rural Municipality Of	MCEG Wellington 1st, 2nd, 3rd, 4th Quarter Claim 2020-2021	5,520.80
West River Rural Municipality Of	MCEG West River 4th Quarter Claim Payment 2020-2021	9,379.22
Total		\$6,526,694.21



SERVICE PEI

Service PEI, a new government division whose goal is to give all Islanders quality user-centred service delivery began operation in 2022. Through partnerships with different areas of government, Service PEI aims to create and improve already-established government services, programs and rebates. By focusing on three different areas of service delivery (Access PEI, Contact PEI and Service Experience), Islanders can receive the services they want in the most convenient way they want them.

Who we are:

- A new centre of service excellence, delivering services to Islanders through knowledge, innovation and partnerships
- Service Promise - 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.

What we do:

- Build user-centred capacity to enhance quality service
- Provide access to services in the way that Islanders want
- Implement continuous improvement and innovation in how services are delivered
- Better connect citizens to government by providing accessible and convenient access to programs, services and information

ACCESS PEI

At the eight Access PEI locations throughout the province, these in-person service centres provide the opportunity for residents to walk in to get answers to their questions and complete provincial services with our friendly staff. In 2021-2022, Access PEI performed around 350,000 transactions and collected over 35 million in revenue on behalf of the Government of Prince Edward Island and other organizations. Access PEI plays an important role in each community to assist with provincial priorities that come up and require immediate support. In 2021-2022 Access PEI assisted other departments to process and approve over 25,000 PEI Pass applications, distribute over 150,000 Covid-19 rapid tests as well as distribute over 2,000 free seed kits.

CONTACT PEI

Did you know that you can complete services over the phone with Contact PEI? You can renew your driver's license or voluntary ID, you can change your address or complete motor vehicle registrations, you can book free heat pump appointments at any of our Access PEI locations or ask general questions and staff will assist in directing you appropriately. You can do all of this just by calling 1-833-PEI-1873.

Contact PEI is also a processing centre for various online services. Transactions that are completed by Islanders online like driver license renewals, vehicle registration renewals, personalized plate requests and driver abstract requests are all processed by our Contact PEI team.

SERVICE EXPERIENCE

The Service Experience Section of Service PEI is the hub for service expertise. Islanders deserve quality service and consistent experiences when accessing government information, services and programs. The Service Experience team is focused on creating accessible user-centred consistent multi-channel service delivery experiences. This is done through working with internal and external clients to oversee the day-to-day activities related to planning, engagement, persona development, citizen journey mapping, knowledge management, service partnership agreements, continuous improvement, data collection and dissemination, and performance evaluation and reporting.

In the 2021-2022 fiscal year, the Service Experience team was able to follow through with a few improvement projects:

Appointment Bookings - It was realized that not every Islander was comfortable applying for the Free Equipment programs on their own. A new tool was put in place where Islanders could book one-on-one appointments with a CSR at their local Access PEI location for assistance. At these appointments, clients can walk through the application process with a trained staff member and be informed of other energy efficient programs they may be eligible for.

Point of Sale Rebate - A Lean Six Sigma project was completed with EECA and Service PEI determined that there was a 72% error rate with the Energy Efficient Equipment Rebate (EEER) program. The project resulted in the rebate being moved to a Point of Sale process, taking the burden off the client and moving the responsibility onto the Network of Excellence (NOE) contractors.

Free Heat Pump Program - The Free Heat Pump program launched on December 1, 2021, providing all eligible Islanders who make less than \$35,000 annually with a free heat pump. The Service Experience team completes the income verification process and eligibility criteria administration components of this very popular program.

Universal EV Incentive Program - It was the first year for the Prince Edward Island Universal EV Incentive Program and Service PEI was responsible for handling the processing of applications and distribution of complementary chargers for the program. There was significant uptake within the program's first year,

seeing a drastic increase in the number of Battery Electric Vehicles and Plug-In Hybrid Electric Vehicles on the roads of PEI.

Service PEI 2021-2022 Fiscal Year Stat Summary

- 8 Access PEI locations (Charlottetown, Summerside, Souris, Montague, Wellington, O’Leary, Tignish & Alberton)
- 350,000 transactions and collected over 35 million in revenue through Access PEI
- 422 EV Incentive Program rebates were administered, and 413 EV chargers shipped
- 1,189 Free Heat Pump program applications received
- 163 Free Equipment appointments completed (24 in the East, 55 in Charlottetown, and 84 in the West)
- 51,408 online Motor Vehicle Registrations completed
- 4,382 over-the-phone Motor Vehicle Registrations completed
- 6,109 online Driver License Renewals completed
- 2,398 over-the-phone Driver License Renewals completed
- 149 online Personalized Plates completed
- 1,896 Driver Abstracts completed
- 26,400 calls to Contact PEI (3,750 in December 2021 was the highest monthly volume recorded)

Department of Transportation and Infrastructure
Statement of Ordinary Expenditures
2021-2022 FY

	Actuals FY 21/22	Budget Estimates FY 21/22
CORPORATE SERVICE DIVISION		
Executive Office		
Administration	5,769	21,800
Materials, Supplies, & Services	1,879	500
Salaries	359,578	373,800
Travel & Training	8,401	13,900
	375,627	410,000
Corporate Service Administration		
Administration	20,113	19,900
Equipment	2,117	500
Materials, Supplies, & Services	11,656	10,800
Professional Service	-	1,500
Salaries	131,186	193,200
Travel & Training	(1,006)	2,000
Grants	1,428,391	-
	1,592,457	227,900
TOTAL CORPORATE SERVICES DIVISION	1,968,086	637,900
Infrastructure		
Administration	65,111	86,400
Equipment	3,949	13,000
Materials, Supplies, & Services	3,788	13,200
Professional Services	55,369	395,000
Salaries	640,978	887,800
Travel & Training	1,185	18,700
Grants	111,764,688	98,418,600
	112,535,068	99,832,700

	Actuals FY 21/22	Budget Estimates FY 21/22
Planning		
Administration	6,760	16,200
Equipment	3,691	10,000
Materials, Supplies, & Services	246	2,500
Professional Services	124,883	210,000
Salaries	92,128	343,500
Travel & Training	1,735	24,000
Grants	100,000	-
	329,443	606,200
TOTAL INFRASTRUCTURE, POLICY, & PLANNING DIVISION	112,864,511	100,438,900
HIGHWAY SAFETY DIVISION		
Highway Safety Administration		
Administration	94,954	58,100
Equipment	6,847	900
Materials, Supplies, & Services	24,969	16,900
Professional Services	35,221	32,000
Salaries	176,648	292,200
Travel & Training	11,893	43,700
Grants	70,000	50,000
	420,532	493,800
Promotion Highway Safety		
Administration	1,827	1,000
Equipment	1,433	600
Materials, Supplies, & Services	13,826	18,400
Professional Services	-	500
Salaries	710,448	829,700
Travel & Training	1,671	2,500
	729,205	852,700
Registration & Licensing		
Administration	2,902	900
Equipment	500	4,000
Materials, Supplies, & Services	472,585	310,600
Salaries	958,959	1,042,200
Travel & Training	1,632	700
	1,436,578	1,358,400

	Actuals FY 21/22	Budget Estimates FY 21/22
Highway Scales		
Administration	203	-
Debt	2,070	-
Equipment	3,139	11,400
Materials, Supplies, & Services	13,101	24,200
Salaries	605,388	688,900
Travel & Training	5,411	1,000
	629,312	725,500
TOTAL HIGHWAY SAFETY DIVISION	3,215,627	3,430,400
LAND AND ENVIRONMENT		
Environmental Management		
Administration	11,694	8,700
Equipment	5,329	2,000
Materials, Supplies, & Services	17,098	10,400
Professional Services	21,600	19,100
Salaries	665,252	647,000
Travel & Training	68,502	68,100
Grants	466	-
	789,941	755,300
Properties		
Administration	93,588	128,200
Equipment	-	1,500
Materials, Supplies, & Services	278,883	232,900
Professional Services	30,726	274,900
Salaries	882,382	1,012,700
Travel & Training	7,782	23,300
	1,293,361	1,673,500
Surveys		
Administration	7,546	7,800
Equipment	19,555	8,200
Materials, Supplies, & Services	7,979	12,800
Professional Services	880	3,000
Salaries	505,879	603,200
Travel & Training	-	8,000
	541,839	643,000
TOTAL LAND AND ENVIRONMENT	2,625,141	3,071,800

	Actuals FY 21/22	Budget Estimates FY 21/22
HIGHWAY MAINTENANCE DIVISION		
Maintenance Administration - Director's Office		
Administration	28,554	16,800
Equipment	175	-
Materials, Supplies, & Services	6,388	1,000
Professional Services	-	66,000
Salaries	340,180	317,400
Travel & Training	16,984	11,900
	392,281	413,100
Inventory Control		
Administration	2,296	3,000
Equipment	275	-
Materials, Supplies, & Services	527,388	612,800
Professional Services	75	-
Salaries	452,157	533,800
Travel & Training	165	6,000
	982,356	1,155,600
Provincial Maintenance Road Program		
Administration	130	-
Materials, Supplies, & Services	1,390,848	1,715,100
Travel & Training	2,087	-
	1,393,065	1,715,100
TOTAL FOR PROVINCIAL HIGHWAYS MAINTENANCE OPERATIONS	2,767,702	3,283,800
Maintenance Administration - Western Region		
Administration	14,542	41,500
Equipment	2,242	600
Materials, Supplies, & Services	13,235	2,600
Salaries	540,906	531,700
Travel & Training	1,284	2,500
	572,209	578,900

	Actuals FY 21/22	Budget Estimates FY 21/22
Maintenance Administration - Eastern Region		
Administration	21,574	52,200
Equipment	909	400
Materials, Supplies, & Services	1,932	700
Salaries	543,537	501,700
Travel & Training	203	3,200
	568,155	558,200
Maintenance Administration - Central Region		
Administration	38,400	65,200
Equipment	2,463	-
Materials, Supplies, & Services	979	600
Salaries	484,403	513,300
Travel & Training	-	800
	526,245	579,900
Summer Maintenance - Western Region		
Equipment	11,594	6,500
Materials, Supplies, & Services	2,512,084	1,478,400
Professional Services	130	-
Salaries	2,029,430	2,313,700
Travel & Training	71,247	63,400
	4,624,485	3,862,000
Summer Maintenance - Eastern Region		
Equipment	2,230	-
Materials, Supplies, & Services	1,667,258	1,193,100
Professional Services	50	-
Salaries	1,990,319	2,071,600
Travel & Training	73,464	35,100
	3,733,321	3,299,800
Summer Maintenance - Central Region		
Administration	6,163	-
Equipment	4,949	-
Materials, Supplies, & Services	3,460,668	1,814,600
Salaries	2,378,199	2,761,600
Travel & Training	112,463	75,000
	5,962,442	4,651,200

	Actuals FY 21/22	Budget Estimates FY 21/22
Rails to Trails Maintenance		
Administration	1,458	3,400
Equipment	7,651	-
Materials, Supplies, & Services	435,164	426,900
Salaries	966,491	1,086,700
Travel & Training	25,857	23,000
	1,436,621	1,540,000

Winter Maintenance - Western Region

Equipment	3,691	-
Materials, Supplies, & Services	7,033,887	5,930,400
Salaries	409,132	370,700
Travel & Training	4,080	-
	7,450,790	6,301,100

Winter Maintenance - Eastern Region

Materials, Supplies, & Services	4,650,161	3,304,600
Salaries	449,728	357,100
Travel & Training	1,411	4,000
	5,101,300	3,665,700

Winter Maintenance - Central Region

Administration	85	-
Equipment	6,916	-
Materials, Supplies, & Services	8,236,088	6,131,000
Salaries	588,102	472,000
Travel & Training	4,763	-
	8,835,954	6,603,000

Mechanical - Charlottetown Garage - Direct

Administration	14,240	16,900
Equipment	22,449	3,500
Materials, Supplies, & Services	3,130,352	2,236,300
Professional Services	288	4,100
Salaries	2,086,346	2,696,800
Travel & Training	77,828	132,900
	5,331,503	5,090,500

	Actuals FY 21/22	Budget Estimates FY 21/22
Mechanical - Charlottetown Garage - Indirect		
Administration	7,857	69,000
Equipment	15,665	12,400
Materials, Supplies, & Services	166,927	314,700
Professional Services	-	38,400
Salaries	565,396	712,500
Travel & Training	1,834	4,100
	757,679	1,151,100

Mechanical - Summerside Garage - Direct		
Administration	2,613	14,400
Equipment	588	5,500
Materials, Supplies, & Services	2,390,957	1,805,800
Professional Services	705	8,000
Salaries	2,096,146	2,287,100
Travel & Training	56,661	71,200
	4,547,670	4,192,000

Mechanical - Summerside Garage - Indirect		
Administration	12,089	17,800
Equipment	29,928	18,700
Materials, Supplies, & Services	7,547	15,000
Salaries	89,771	87,100
Travel & Training	143	5,400
	139,478	144,000

Mechanical - Bridgetown Garage - Indirect		
Administration	9,400	15,600
Equipment	-	2,100
Materials, Supplies, & Services	83,136	57,700
Professional Services	1,223	5,400
Salaries	266,539	214,600
Travel & Training	57	2,300
	360,355	297,700

	Actuals FY 21/22	Budget Estimates FY 21/22
Mechanical - Bridgetown Highway Garage - Direct		
Administration	1,886	-
Equipment	29,089	7,000
Materials, Supplies, & Services	1,521,798	1,142,100
Professional Services	255	3,200
Salaries	1,159,797	1,281,900
Travel & Training	48,632	130,900
	2,761,457	2,565,100
Mechanical - Operations - Western Region		
Administration	-	1,500
Materials, Supplies, & Services	8,323	14,000
Professional Services	584	-
Salaries	1,785,484	1,570,300
Travel & Training	15,251	18,700
	1,809,642	1,604,500
Mechanical - Operators - Eastern Region		
Administration	233	200
Materials, Supplies, & Services	17,720	28,000
Professional services	310	-
Salaries	1,387,546	1,400,200
Travel & Training	23,220	21,800
	1,429,029	1,450,200
Mechanical - Operators - Central Region		
Administration	-	3,800
Materials, Supplies, & Services	35,592	50,300
Professional Services	525	-
Salaries	2,107,881	2,577,600
Travel & Training	25,263	45,900
	2,169,261	2,677,600
TOTAL HIGHWAY MAINTENANCE DIVISION	58,117,596	50,812,500

	Actuals FY 21/22	Budget Estimates FY 21/22
PUBLIC WORKS AND PLANNING		
Public Works Administration		
Administration	16,303	21,100
Equipment	4,226	3,000
Materials, Supplies, & Services	24,091	185,200
Professional Services	1,822	-
Salaries	959,674	1,172,000
Travel & Training	31,793	33,500
	1,037,909	1,414,800
District Heating Plant		
Materials, Supplies, & Services	1,518,079	1,662,200
	1,518,079	1,662,200
Building Maintenance Direct - Mona Wilson Building		
Administration	13,157	11,600
Materials, Supplies, & Services	35,451	46,000
Professional Services	416	-
	49,024	57,600
Building Maintenance Direct - Shaw, Sullivan, & Jones Bldgs.		
Administration	507,596	494,500
Equipment	42,597	2,000
Materials, Supplies, & Services	1,302,637	1,406,000
Professional Services	505,936	463,100
Salaries	1,247,331	1,333,000
Travel & Training	4,346	3,000
	3,610,443	3,701,600
Building Maintenance Direct - Province House		
Administration	24,427	21,900
Materials, Supplies, & Services	2,582	100,200
Salaries	39,547	52,400
	66,556	174,500

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Province House Annex		
Administration	8,861	8,500
Materials, Supplies, & Services	87,624	49,400
	96,485	57,900
Building Maintenance Direct - Government House		
Administration	18,663	22,800
Materials, Supplies, & Services	112,844	104,300
Professional Services	2,657	-
Salaries	324,997	398,600
Travel & Training	-	1,500
	459,161	527,200
Building Maintenance Direct - Customs House		
Administration	9,718	9,500
Materials, Supplies, & Services	39,368	53,200
Professional Services	145	-
	49,231	62,700
Building Maintenance Direct - Coles Building		
Administration	44,177	43,100
Equipment	1,300	-
Materials, Supplies, & Services	92,653	82,200
Professional Services	346	-
Salaries	61,922	76,200
	200,398	201,500
Building Maintenance Direct - Prince County Jail & Courthouse		
Administration	21,213	20,500
Materials, Supplies, & Services	121,175	103,400
Salaries	-	53,900
	142,388	177,800
Building Maintenance Direct - Summerside Youth Centre		
Administration	94,041	92,600
Materials, Supplies, & Services	233,401	240,400
	327,442	333,000

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Provincial Correctional Centre		
Administration	40,491	41,100
Materials, Supplies, & Services	478,729	476,900
	519,220	518,000
Building Maintenance Direct - Montague Office Complex		
Materials, Supplies, & Services	99,094	94,000
Professional Services	886	-
	99,980	94,000
Building Maintenance Direct - Southern Kings/Queens RSC		
Administration	4,662	5,300
Materials, Supplies, & Services	91,217	92,600
Professional Services	536	-
	96,415	97,900
Building Maintenance Direct - West Prince RSC		
Administration	7,108	8,200
Materials, Supplies, & Services	83,459	68,500
Professional Services	386	-
	90,953	76,700
Building Maintenance Direct - Prince Edward Home		
Materials, Supplies, & Services	-	30,000
	-	30,000
Building Maintenance Direct - Small Buildings		
Materials, Supplies, & Services	203	-
Professional	3,463	-
	3,666	-

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Access PEI Summerside		
Administration	49,839	51,400
Equipment	2,733	-
Materials, Supplies, & Services	225,213	288,500
Professional Services	1,314	-
	279,099	339,900
Building Maintenance Direct - Highway Testing Lab		
Administration	34	-
Materials, Supplies, & Services	42,519	47,700
Salaries	21,710	36,200
	64,263	83,900
Building Maintenance Direct - Brighton Road Office Complex		
Administration	26,873	1,400
Materials, Supplies, & Services	40,134	37,700
Professional Services	421	-
Salaries	13,674	30,100
	81,102	69,200
Building Maintenance Direct - Holland College - Royalty Operations		
Administration	154,652	149,400
Materials, Supplies, & Services	407,682	349,700
Professional Services	875	-
	563,209	499,100
Building Maintenance Direct - Summerside Garage - Slemon Park		
Administration	-	26,000
Materials, Supplies, & Services	209,075	199,600
	209,075	225,600
Building Maintenance Direct - DTI Surplus Wearhouse		
Materials, Supplies, & Services	16,749	21,200
Professional Services	346	-
	17,095	21,200

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Kings County Courthouse		
Administration	1,832	3,600
Materials, Supplies, & Services	35,727	33,100
	37,559	36,700
Building Maintenance Direct - Scale Houses		
Administration	16,318	4,600
Materials, Supplies, & Services	67,048	67,000
Salaries	(4,886)	5,900
	78,480	77,500
Building Maintenance Direct - Environment Wearhouse		
Materials, Supplies, & Services	12,101	20,500
Professional Services	420	-
	12,521	20,500
Building Maintenance Direct - Acadian Museum		
Administration	3,014	5,000
Materials, Supplies, & Services	13,736	15,300
	16,750	20,300
Building Maintenance Direct - Basin Head Museum		
Administration	958	1,000
Materials, Supplies, & Services	17,584	18,500
	18,542	19,500
Building Maintenance Direct - Orwell Historic Village		
Administration	31	-
Materials, Supplies, & Services	3,229	12,000
Salaries	7,451	-
	10,711	12,000
Building Maintenance Direct - Yeo House		
Materials, Supplies, & Services	15,535	11,500
Professional Services	2,400	-
	17,935	11,500

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - MacPhail Homestead		
Administration	21	-
Materials, Supplies, & Services	31,816	16,500
Professional Services	690	-
	32,527	16,500
Building Maintenance Direct - Belmont Street Food Bank		
Materials, Supplies, & Services	20,783	30,000
	20,783	30,000
Building Maintenance Direct - Montague Food Bank		
Materials, Supplies, & Services	12,197	23,000
	12,197	23,000
Building Maintenance Direct - Tyne Valley Youth Centre		
Materials, Supplies, & Services	2,756	2,700
Materials, Supplies, & Services	55,346	60,600
	58,102	63,300
Building Maintenance Direct - Lea Crane Building		
Administration	3,285	6,400
Materials, Supplies, & Services	39,578	38,600
Salaries	22,039	24,100
	64,902	69,100
Building Maintenance Direct - Potato Services Building - Kensington		
Administration	4,313	4,200
Materials, Supplies, & Services	41,700	45,500
	46,013	49,700
Building Maintenance Direct - Tignish Sign Shop		
Administration	2,585	2,500
Materials, Supplies, & Services	32,488	33,500
	35,073	36,000

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Tignish Body Shop		
Administration	7,302	7,200
Materials, Supplies, & Services	67,617	60,300
Professional Service	69	-
	74,988	67,500
Building Maintenance Direct - Alma Field Office		
Materials, Supplies, & Services	36,667	29,500
Professional Services	225	-
	36,892	29,500
Tyne Valley Medical Centre		
Materials, Supplies, & Services	23,121	24,000
	23,121	24,000
Building Maintenance Direct - Brudenell Park		
Administration	126,094	112,300
Materials, Supplies, & Services	21,338	9,000
	147,432	121,300
Building Maintenance Direct - St. Eleanor's House		
Materials, Supplies, & Services	18,013	11,300
	18,013	11,300
Building Maintenance Direct - Forestry Office - Queens		
Administration	-	12,300
Materials, Supplies, & Services	18,051	20,500
Professional Services	500	-
	18,551	32,800
Building Maintenance Direct - Forestry Office - Prince		
Materials, Supplies, & Services	17,553	21,100
Salaries	5,774	5,900
	23,327	27,000

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Forestry Office - Kings		
Materials, Supplies, & Services	22,993	30,500
	22,993	30,500
Building Maintenance Direct - VIC - Cavendish		
Administration	4,533	1,000
Materials, Supplies, & Services	44,626	40,700
Salaries	17,045	27,000
	66,204	68,700
Building Maintenance Direct - VIC - Mt. Pleasant		
Administration	8,000	-
Materials, Supplies, & Services	9,499	10,900
Professional Services	1,481	-
Salaries	6,705	11,400
	25,685	22,300
Building Maintenance Direct - Vet Clinic - O'Leary		
Materials, Supplies, & Services	33,758	31,000
	33,758	31,000
Building Maintenance Direct - Access PEI - Alberton		
Administration	2,262	2,300
Materials, Supplies, & Services	47,645	30,300
Professional Services	536	-
Salaries	5,194	-
	55,637	32,600
Building Maintenance Direct - Analytical Lab - Upton Road		
Administration	9,772	9,800
Materials, Supplies, & Services	293,713	303,100
Professional Services	2,109	-
	305,594	312,900

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Maintenance Direct - Kensington Post Office		
Administration	5,885	6,000
Materials, Supplies, & Services	62,347	63,200
	68,232	69,200
Building Maintenance Direct - Murchison House		
Materials, Supplies, & Services	8,276	12,500
	8,276	12,500
Building Maintenance Direct - Queens County Highway Stores		
Administration	52,476	-
Materials, Supplies, & Services	180,646	-
Professional Service	105	-
	233,227	-
Building Maintenance Direct - Queens Wharf		
Administration	28,400	25,700
Materials, Supplies, & Services	57,706	65,000
	86,106	90,700
Building Maintenance Direct - Georgetown Holy Trinity Church		
Materials, Supplies, & Services	16,011	-
	16,011	-
Building Accommodations - Small Lease		
Administration	2,099,661	2,046,900
Materials, Supplies, & Services	4,925	9,000
Professional Services	1,032	-
	2,105,618	2,055,900
Building Accommodations - Evangeline RSC		
Administration	58,370	67,800
Materials, Supplies, & Services	3,831	5,000
	62,201	72,800

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - Johnny Ross Young RSC		
Administration	251,164	263,800
Materials, Supplies, & Services	575	7,000
Professional Services	386	-
	252,125	270,800
Building Accommodations - Queens Region Health - Ellis Bros Bldg.		
Administration	963,562	933,000
Materials, Supplies, & Services	57,354	-
Professional Services	980	-
	1,021,896	933,000
Building Accommodations - Health Agency Younker, Roch Building		
Administration	-	588,800
Materials, Supplies, & Services	-	400
Professional Services	98	-
	98	589,200
Building Accommodations - Provincial Library Morell		
Administration	212,773	221,100
Materials, Supplies, & Services	215	-
	212,988	221,100
Building Accommodations - St. Paul's Rectory		
Administration	34,408	27,300
Materials, Supplies, & Services	19,242	25,900
	53,650	53,200
Building Accommodations - E. Blanchard (Gordon Drive)		
Administration	113,620	135,000
Materials, Supplies, & Services	34,628	23,800
Professional Services	571	-
	148,819	158,800

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - Concorde Building		
Administration	124,873	164,600
Materials, Supplies, & Services	397	-
	125,270	164,600
Building Accommodations - Davies Law Courts		
Administration	352,146	555,700
Materials, Supplies, & Services	212,932	206,600
Professional Services	275,324	233,200
	840,402	995,500
Building Accommodations - Highway Safety Office		
Administration	195,627	205,300
Materials, Supplies, & Services	290	5,000
	195,917	210,300
Building Accommodations - Stonehouse Visitor Information Centre		
Administration	68,625	70,000
	68,625	70,000
Building Accommodations - Fisheries Warehouse		
Administration	47,556	46,400
Materials, Supplies, & Services	20,239	23,100
	67,795	69,500
Building Accommodations - Kelly Building - Courthouse		
Administration	144,675	200,000
Materials, Supplies, & Services	-	17,600
	144,675	217,600
Building Accommodations - Breckan Yates Building		
Administration	243,726	248,300
Materials, Supplies, & Services	220	-
Professional Services	100	-
	244,046	248,300

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - SRDC 109 Water Street		
Administration	144,396	180,000
	144,396	180,000
Building Accommodations - Confederation Centre & Libraries		
Administration	178,000	178,000
	178,000	178,000
Building Accommodations - Gateway Village VIC		
Administration	69,184	71,900
	69,184	71,900
Building Accommodations - Confederation Court Lease - EMO		
Administration	151,308	157,000
	151,308	157,000
Building Accommodations - Donald Bondy Building		
Administration	363,549	381,700
Materials, Supplies, & Services	46,832	30,000
	410,381	411,700
Building Accommodations - Hunter River Health Centre		
Administration	105,600	116,000
	105,600	116,000
Building Accommodations - Summerside Medical Centre		
Administration	252,223	228,500
	252,223	228,500
Building Accommodations - Polyclinic		
Administration	238,536	352,500
	238,536	352,500

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - Pharmtech - Friendly Pharmacy		
Administration	158,054	193,500
	158,054	193,500
Building Accommodations - Department of Fisheries - Montague		
Administration	263,070	301,700
Professional Services	399	-
	263,469	301,700
Building Accommodations - Department of Education - Summerside		
Administration	895,581	916,600
Materials, Supplies, & Services	42,187	42,000
Professional Services	942	-
	938,710	958,600
Building Accommodations - VIC - Charlottetown Airport		
Administration	23,101	15,800
Materials, Supplies, & Services	-	7,300
	23,101	23,100
Building Accommodations - VIC - Wood Islands		
Administration	36,966	37,000
Materials, Supplies, & Services	8,279	900
Salaries	19,682	17,500
	64,927	55,400
Building Accommodations - Harbour Quay - Summerside		
Administration	8,928	10,800
Materials, Supplies, & Services	3,790	5,000
	12,718	15,800
Building Accommodations - Kensington Laundry		
Administration	67,839	62,100
Materials, Supplies, & Services	9,176	15,000
	77,015	77,100

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - Fire Arms Office - Charlottetown		
Administration	17,565	17,600
Materials, Supplies, & Services	6,472	8,000
	24,037	25,600
Building Accommodations - 75 Fitzroy Street		
Administration	41,475	42,700
	41,475	42,700
Building Accommodations - Records Centre Slemon Park		
Administration	152,571	155,000
Materials, Supplies, & Services	5,320	-
	157,891	155,000
Building Accommodations - Efficiency PEI		
Administration	2,750	71,000
Materials, Supplies, & Services	145	-
	2,895	71,000
Building Accommodations - 85 Fitzroy Street		
Administration	100,733	101,000
	100,733	101,000
Building Accommodations - The Mount		
Administration	284,900	304,300
Materials, Supplies, & Services	48,612	-
	333,512	304,300
Building Accommodations - ATC Provincial Archives		
Administration	85,200	95,000
	85,200	95,000

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - 500 Queen Street		
Administration	125,807	184,600
Materials, Supplies, & Services	15,740	-
	141,547	184,600
Building Accommodations - BDC Place Kent Street		
Administration	67,212	68,200
Materials, Supplies, & Services	9	-
	67,221	68,200
Building Accommodations - CADC Lowden Building		
Administration	12,414	-
Materials, Supplies, & Services	(1,392)	-
	11,022	-
Building Accommodations - Summerside Covid Clinic		
Administration	(8)	-
	(8)	-
Building Accommodations - Charlottetown Library - Dominion Bldg.		
Materials, Supplies, & Services	1,433	-
Professional Services	1,500	-
	2,933	-
Building Accommodations - Stratford Collaborative Health Centre		
Administration	19,423	45,800
	19,423	45,800
Building Accommodations - School of Radiography - Stratford		
Materials, Supplies, & Services	256	-
	256	-

	Actuals FY 21/22	Budget Estimates FY 21/22
Building Accommodations - Bldg. 143 - Parkway Drive Slemon Park		
Administration	160,800	194,300
Materials, Supplies, & Services	34,132	-
	194,932	194,300
Building Accommodations - JPS Clinical Services		
Administration	2	-
Materials, Supplies, & Services	836	-
Professional Services	(287)	-
	551	-
Director's Office		
Administration	5,691	12,000
Equipment	83	-
Materials, Supplies, & Services	82,625	119,100
Professional Services	51,285	110,000
Salaries	240,911	286,700
Travel & Training	688	12,900
	381,283	540,700
Building Construction		
Administration	2,696	200
Materials, Supplies, & Services	927	1,400
Salaries	333,205	232,900
Travel & Training	-	23,200
	336,828	257,700
Building Design		
Administration	6,848	-
Equipment	5,293	-
Materials, Supplies, & Services	3,986	-
Salaries	756,126	719,300
Travel & Training	36,881	9,900
	809,134	729,200
TOTAL PUBLIC WORKS AND PLANNING	22,649,947	24,362,200

	Actuals FY 21/22	Budget Estimates FY 21/22
CAPITAL PROJECTS DIVISION		
TRAFFIC OPERATIONS		
Traffic Operations Management		
Administration	4,422	6,100
Equipment	18,577	1,000
Materials, Supplies, & Services	8,699	13,600
Professional Services	-	1,300
Salaries	394,950	341,400
Travel & Training	16,108	14,400
	442,756	377,800
Traffic Operations - Western Region		
Administration	3,489	4,400
Equipment	3,272	1,300
Materials, Supplies, & Services	720,153	348,600
Professional Services	748	2,200
Salaries	674,050	592,700
Travel & Training	29,667	8,700
	1,431,379	957,900
Traffic Operations - Central Region		
Administration	11,814	14,400
Equipment	18,133	5,000
Materials, Supplies, & Services	1,073,977	809,200
Professional Services	50	400
Salaries	990,813	1,153,200
Travel & Training	32,312	23,000
	2,127,099	2,005,200
Sign Shop		
Administration	8,924	5,700
Equipment	138	-
Materials, Supplies, & Services	159,584	150,700
Professional Services	-	3,600
Salaries	272,435	226,900
Travel & Training	-	1,000
	441,081	387,900

	Actuals FY 21/22	Budget Estimates FY 21/22
Chief Engineer's Office		
Administration	42,386	24,900
Equipment	1,114	800
Materials, Supplies, & Services	9,912	500
Professional Services	13,923	39,500
Salaries	263,766	275,100
Travel & Training	13,370	9,800
	344,471	350,600
Eastern Region		
Administration	13,361	21,300
Equipment	1,427	10,400
Materials, Supplies, & Services	10,195	13,600
Professional Services	6,551	2,000
Salaries	906,582	961,700
Travel & Training	5,612	19,800
	943,728	1,028,800
Western Region		
Administration	15,144	31,000
Equipment	3,004	16,700
Materials, Supplies, & Services	74,223	21,800
Professional Services	2,065	500
Salaries	1,019,254	978,400
Travel & Training	18,716	14,900
	1,132,406	1,063,300
Engineering Services Operations		
Administration	788	1,000
Equipment	-	900
Materials, Supplies, & Services	967	600
Professional Services	100	-
Salaries	270,051	242,500
Travel & Training	2,210	6,400
	274,116	251,400
Highway Enhancement		
Salaries	1,636,167	111,300
	1,636,167	111,300

	Actuals FY 21/22	Budget Estimates FY 21/22
Bridge Maintenance Operations		
Administration	2,476	5,200
Equipment	2,050	-
Materials, Supplies, & Services	4,335,650	1,464,500
Professional Services	488,102	420,000
Salaries	513,073	560,600
Travel & Training	25,932	9,600
	5,367,283	2,459,900
Highway Design		
Administration	9,488	9,000
Equipment	2,742	500
Materials, Supplies, & Services	40,929	5,500
Professional Services	16,260	4,800
Salaries	687,195	647,100
Travel & Training	4,761	10,300
	761,375	677,200
Materials Testing Lab		
Administration	24,979	12,400
Equipment	21,781	23,800
Materials, Supplies, & Services	32,938	9,700
Professional Services	5,135	5,000
Salaries	1,185,475	1,376,500
Travel & Training	27,453	23,400
	1,297,761	1,450,800
TOTAL CAPITAL PROJECTS DIVISION	16,199,622	11,122,100
Service PEI		
Division Management		
Administration	16,734	13,200
Debt	5,580	-
Equipment	2,706	-
Materials, Supplies, & Services	7,666	22,600
Professional Services	146,067	109,500
Salaries	414,327	859,100
Travel & Training	1,747	42,700
	594,827	1,047,100

	Actuals FY 21/22	Budget Estimates FY 21/22
Summerside Access PEI		
Administration	8,060	12,700
Debt	6,098	6,500
Equipment	-	1,200
Materials, Supplies, & Services	4,762	4,400
Salaries	537,654	611,300
Travel & Training	4,919	2,900
	561,493	639,000
Souris Access PEI		
Administration	7,341	10,500
Equipment	-	900
Materials, Supplies, & Services	3,103	3,500
Salaries	385,011	329,100
Travel & Training	3,611	4,700
	399,066	348,700
West Prince Access Centres		
Administration	8,695	16,600
Debt	423	700
Equipment	998	1,300
Materials, Supplies, & Services	2,066	4,600
Professional Services	500	-
Salaries	411,091	445,100
Travel & Training	6,781	8,700
	430,554	477,000
Montague Access PEI		
Administration	4,906	13,800
Debt	-	1,000
Equipment	-	700
Materials, Supplies, & Services	3,731	4,800
Salaries	298,275	300,400
Travel & Training	1,688	2,800
	308,600	323,500

	Actuals FY 21/22	Budget Estimates FY 21/22
Wellington Access PEI		
Administration	1,702	6,300
Debt	101	200
Equipment	658	-
Materials, Supplies, & Services	649	4,000
Professional Services	40	-
Salaries	93,222	124,100
Travel & Training	3,932	500
	100,304	135,100
Riverside Drive Access PEI		
Administration	17,469	15,100
Equipment	3,790	1,100
Materials, Supplies, & Services	11,424	4,800
Professional Services	315	100
Salaries	888,949	809,600
Travel & Training	730	800
	922,677	831,500
Contact PEI		
Administration	58,719	76,800
Equipment	4,973	-
Materials, Supplies, & Services	11,870	34,700
Professional Services	882	-
Salaries	211,858	445,700
Travel & Training	36	7,000
	288,338	564,200
TOTAL Service PEI	3,605,859	4,366,100
TOTAL DEPARTMENT OF TRANSPOTATION AND INFRASTRUCTURE	224,014,080	201,525,700

**Transportation and Infrastructure
CAPITAL EXPENDITURES
Year Ending March 31, 2022**

BRIDGES

Eastern Region

Grove Pine Road Bridge Replacement K5-011	289,289	
Total Eastern Region		<u>289,289</u>

Central Region

Milton Station Route 2 Structure Replacement Q25-043	1,231,403	
North River Confederation Trail Structure Q-0004	10,675	
Total Central Region		<u>1,242,078</u>

Western Region

Wilmont River (Red) Bridge Rehabilitation P4-009	163,216	
Mount Tryon Road Bridge Structure Replacement P4-032	829,958	
Cabot Park Bridge Replacement P3-009	14,500	
Tryon Route 10 Bridge Replacement P4-001	26,600	
Doyles Bridge Replacement P1-036	13,500	
Tyne Valley (Hayes) Confederation Trail Structure P-0008	19,486	
Ellerslie Confederation Trail Structure P-0007	16,850	
Howlan Confederation Trail Structure P-0003	18,000	
Skinners Pond Structure Replacement P1-097	6,000	
Mill River East Structure Replacement P1-019	12,250	
Total Western Region		<u>1,120,359</u>

TOTAL BRIDGES	<u>2,651,726</u>
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HIGHWAY RECONSTRUCTION

Other

Land Purchases - Eastern Region	66,781	
Land Purchases - Western Region	827	
Route 13 Crapaud 2020	1,087,039	
Strang Road - St Nicholas 2020 (Chipped Tires)	441,572	
North Cape Shoreline Protection	800,136	
Route 321 Sheppard Road (Cardigan) 2020	32,870	
Grey's Road - Wood Islands	1,586,039	
Route 24 and 315 Caledonia Roundabout 2020	18,070	
Total Other		<u>4,033,335</u>

TOTAL HIGHWAY RECONSTRUCTION	<u>4,033,335</u>
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PROVINCIAL PAVING

Project #21 Asphalt Resurfacing	467,862	
Project #23 Asphalt Resurfacing	574,765	
Project #24 Asphalt Resurfacing	367,466	
Project #36 Asphalt Resurfacing	83,429	
Asphalt for Resurfacing Roads Various Locations	647,405	
Total Regional		<u>2,140,928</u>

Provincial Paving - Cost Shared

Provincial Paving - Build Canada Fund	1,302,575
Provincial Paving - Investing in Canada Infrastructure Program	9,083,854
Provincial Paving- Canada Community Building Fund	<u>5,197,643</u>

Total Provincial Paving Cost Shared**15,584,072****TOTAL PROVINCIAL PAVING****17,724,999****COST SHARED PROJECTS****Canada Community Building Fund**

Route 13 Cavendish (Storm Sewer)	3,487
Stratford TCH AQ-091	2,715
Aerospace Blvd - Slemon Park 2021	530,138
Route 1 Crapaud (Right Turn Lane) 2021	148,161
Route 27 Clyde River	250,133
Route 2 East Royalty Roundabouts AT Trail	1,691,891
Charlottetown Perimeter Highway - Charlottetown	1,456,433
Route 4 Albion Cross 2021	1,109,188
MacIntyre Avenue - Montague 2021	328,691
Linkletter Ave - Central Bedeque 2021	467,559
Route 1 Pinette Slipway Realignment	224,278
Jessie Street - Cornwall 2021	491,984
Route 16 & 16A - South Lake Intersection	10,970
Breakwater Street - Souris	31,085
Barrett Street - Kensington 2022 (Storm Sewer)	<u>23,155</u>

Total Canada Community Building Fund**6,769,867****Investing in Canada Infrastructure Program**

Route 12 Roxbury AP-058	228,287
Route 156 Ebbsfleet AP-079	9,228
Route 316 Whim Road AK-015	27,919
Route 246 Kelly Cross AQ-156	222,577
Route 22 St Teresa K3-065	497,824
Millvale Bridge Replacement Q1-036 2020	420,183
Old Post Road Bridge Replacement Q1-049	7,400
Chepstow Bridge Replacement K1-031	1,771,896
Stewarts Creek (Dunblane) P2-077	307,749
Seaview Structure Replacement AQ-042	10,804
Morell Rails to Trails Bridge Replacement K0-002	1,764,642
Route 143 Howlan	412,390
Route 326 Montague 2021	513,861
Church Hill Avenue - North Rustico 2021	169,765
Route 26 - Alexandra 2021	976,979
West Point Reefs and Groyne 2021	1,687,629
Route 20 Kensington 2021	677,032
Route 17 Lower Montague 2021	530,593
Route 15 Brackley 2021	673,337
Route 1 - Charlottetown (Upton Road Active Transportation Trail) 2021	702,678
St Nicholas (Muddy) Confederation Trail Structure P-0011	246,234
County Line Road Burlington AP-036	171,838

Launching Road Cardigan AK-012	22,110
Route 6 & 13 Cavendish Dist 18	662,173
Prince Edward Home Active Transportation Trail - Charlottetown 2021	102,876
New Glasgow Route 13 Bridge Replacement AQ-107	<u>254,292</u>

Total Investing in Canada Infrastructure Program	<u><u>13,072,294</u></u>
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New Build Canada Fund

Little Harbour Bridge Replacement K1-033	4,415,296
Morell Bridge Replacement K2-015	6,167,432
Oyster Bed Bridge Replacement Q2-018	320,547
Crapaud Bridge Replacement Q1-052	808,977
Bayview Bridge Replacement Q1-002	2,170,314
Cornwall Road - Cornwall	6,000
Route 1 TCH Extension Seal/Mercedes Drive 2020	70,526
Springvale - Old Route 2 Road bypass	70,604
Hillsborough Bridge - Transportation Corridor Q5-009	1,845,664
Springvale Bridge Replacement Q2-042	74,581
Route 224 & 251 Wheatly River Roundabout 2020	260,093
Route 2 St Peters Road Structure Widening 2020	1,381,815
Dingwells Mills Bridge Replacement K5-007 2020	1,437,984
Bridgetown Bridge Replacement K3-008 Dist 2	33,215
Cams Bridge Replacement P1-003	22,481
Coleman Corner Bridge Replacement P2-060	6,718
Route 2 East Royalty Roundabouts 2020	7,817,348
Route 210 - Montague	1,244,366
Route 2 - Farmington	717,550
Route 2 - Woodstock	1,530,840
Route 27 Cornwall	233,645
Route 13 New Glasgow/Mayfield 2021	871,194
Route 2 and Gard Road - Bloomfield Corner	891,851
Route 152 St Edward/Ebbsfleet/Miminegash 2021	885,960
Route 1 - Flat River 2021	490,318
Hillsborough Bridge Painting Project Q5-005	268,895
Route 3 - New Perth 2021	1,451,624
Route 1 Desable/Green Road 2021	2,508,069
Route 1 Hillsborough Bridge 2021	1,089,693
Route 1 Stratford Roundabout 2022	149,339
Route 2 Kensington	8,950
Route 1 Grafton/Riverside Drive Roundabout	<u>12,285</u>

Total New Build Canada Fund	<u><u>39,264,173</u></u>
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Other Cost Shared Projects

Fullerton's Marsh - Trans Canada Trail Extension 2020	<u>96,190</u>
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Total Other Cost Shared Projects	<u><u>96,190</u></u>
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TOTAL COST SHARED PROJECTS	<u><u>59,202,524</u></u>
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OTHER

Equipment & Machinery Purchases	231,796
Highway Equipment	3,863,373
Vehicle Purchases	<u>1,066,622</u>

TOTAL OTHER5,161,791**TOTAL HIGHWAYS CAPITAL
BUILDINGS CAPITAL**88,774,376**Building Renovations**

Province House Annex	9,300
Customs House - Roof Replacement	40,030
Basin Head - Roof Replacement	109,222
Royalty Centre- Electrical Service Upgrade	256,403
Coles Building - Upper Floor Renovations	161,817
Access Summerside - Building Renovations	317,648
Mona Wilson Building - Exterior Painting	20,342
Aubin Arsenault Building - Roof Replacement	40,247
Summerside Youth Facility- HVAC Roof Top Unit Replacement	42,766
Holy Trinity United Church - Georgetown	50,064
Kings County Highway Depot- Upgrades	236,747
Sullivan Building 5th Floor Renovation	9,660
Acadian Museum - Exterior Painting	12,500
MacPhail Homestead - Roof Replacement	27,304
Shaw Building - 5th Floor Renovations Phase II	54,121
Jones Building - Controls Upgrade	240,272
Sullivan Building - Roof Replacement	<u>455,601</u>

TOTAL BUILDING RENOVATIONS2,084,042**New Building Construction**

Queens County Highway Depot	245,689
Biomass Plant - West Royalty Elementary	33,427
Biomass Plant - Westwood Elementary	8,871
Biomass Plant - Ecole Francois Buote	5,100
Biomass Plant - Glen Stewart	9,656
Biomass Plant - Queens County Highway Depot	253,620
Biomass Plant - Montague Intermediate School	839,930
Pandemic Warehouse	2,470,708
West Prince Community Health Centre	434,427
Mobile Homes 12'x54'	<u>164,478</u>

TOTAL NEW BUILDING CONSTRUCTION4,465,907

Land Purchases	<u>1,201,445</u>
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TOTAL LAND PURCHASES1,201,445**TOTAL BUILDINGS**7,751,395**TOTAL DEPARTMENT OF TRANSPORTATION and INFRASTRUCTURE**96,525,770

