



Department of Transportation and Infrastructure

ANNUAL REPORT

2022-2023



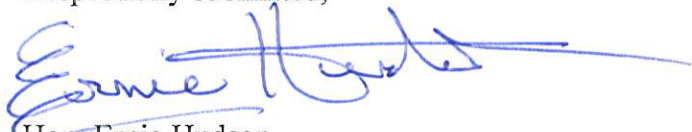


The Honourable Antoinette Perry
Lieutenant Governor of Prince Edward Island

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, 2022 to March 31, 2023.

Respectfully submitted,



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, 2022 to March 31, 2023.

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

Respectfully submitted,

A handwritten signature in blue ink, appearing to read "Brian Matheson". The signature is stylized with a large, sweeping loop at the end.

Brian Matheson
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

2022-2023

- *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*
- *Public Works Act*
- *Roads Act*
- *Trails Act*

PERSONNEL 2022-2023

MINISTER

Administrative Assistant

Hon. Cory Deagle

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

Contact PEI – Senior Manager

Service Experience – Senior Manager

Access PEI – Senior Manager

Access Manager, Eastern PEI

Access Manager, Charlottetown

Access Manager, Summerside

Access Manager, Western PEI

Mark Arsenault, Director

Lori Deveaux-MacKinnon

Julia Wagner

Tyler Ross

Lori Deveaux-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, POLICY AND PLANNING

Infrastructure Provincial Manager

Policy and Planning

Paul Godfrey, Director

Darlene Rhodenizer

Paul Godfrey

LAND AND ENVIRONMENT

Provincial Chief Surveyor

Manager of Provincial Lands

Brian Thompson, Director

Mark Wight

Sharon Slauenwhite

PERSONNEL (continued)
2022-2023

CAPITAL PROJECTS

Western Regional Engineer
Eastern Regional Engineer
Materials and Soils Lab
Highway Design and Bridge Maintenance

Stephen Yeo, Director

Mark Sherren
Stephen Pigott
Tim Cheverie
Darrell Evans

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, 2023 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. 54 – An Act to Amend the Highway Traffic Act (No.3)**
 - A new section in the Highway Traffic Act R.S.P.E.I. 1988, Cap. H-5, section 194.01. The section authorizes the council of a municipality having jurisdiction over a sidewalk to authorize, restrict or prohibit the riding or use of bicycles by children 12 years of age or younger on a sidewalk or any portion of a sidewalk. The section requires that sidewalks be designated and marked with posted signage that indicates children are permitted to ride bicycles on the sidewalk. Councils of municipalities are authorized to make bylaws respecting the riding or use of bicycles by children on a sidewalk or any portion of a sidewalk.
- **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 Regulations.
 - **Highway Traffic Act Electric Kick-Scooter Regulations** – New regulations defining Electric-Kicks and the rules around the use, equipment required and who may operate these devices on public roads and trails.
 - **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 Electric-Kick Scooters.
 - **Roads Act Vehicle Weights and Dimensions Regulations** – Amendments made to include quad axle semi-trailers and other commercial vehicles so that permits were no longer required for these types of commercial vehicles to operate in the Province.
 - **Highway Traffic Act Commercial Vehicle Drivers Hours of Service Regulations** – Amendments were made to include the mandatory use of Electronic Recording Devices and for the Provincial Regulations to match the Federal Regulations insuring consistency with laws across the country.

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 2022-2023 figures displayed for comparison purposes:

Driver License Suspensions and Cancellations	2021-2022	2022-2023
Section 320.14 1A Criminal Code – (Impaired Driving)	25	33
Section 320.14 1B Criminal Code – (Failing the Breathalyzer)	181	197
Section 320.15 1 Criminal Code – (Refusal of the Breathalyzer)	14	33
Total Alcohol Related Convictions	220	263
Administrative Driving Prohibitions	259	286
7 Day Suspensions 277.1 (3.2) <i>Highway Traffic Act</i>	96	126
30 Day Suspensions 277.1 (3.3) <i>Highway Traffic Act</i>	4	9
90 Day Suspensions 277.1 (3.5) <i>Highway Traffic Act</i>	2	0

Driver License Suspensions and Cancellations	2021-2022	2022-2023
Vehicle Impoundments	436	413
Demerit Point System (Point Accumulation)	474	366
Theft of a Motor Vehicle	12	9
Default in Payment of Fine(s)	1,796	4,078
Failure to Satisfy a Judgment (Accident with an uninsured)	1	0
Number of Warning Letters Issued (Point Accumulation)	1,288	884
Number of Driving Record Interviews Issued (Point Accumulation)	18	135

Driver required to undergo a re-examination for various reasons (Request from Law Enforcement, Medical Practitioner, etc.)	2021-2022	2022-2023
Medical Referrals Issued	393	335
Medical Referrals Issued for Commercial Drivers	3,095	2,929
Vision Referrals Issued	172	146
Driving Re-Examinations Conducted	844	798
Driving Record Interviews	50	43
Restricted Driver Licenses Issued	18	14
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	35,942	37,136
Abstract Fee (\$25.00)	\$898,550.00	\$957,100.00

Repeat Impaired Driving Offenders

Year	First (%)	Second (%)	Third or More (%)	Total Impaired Convictions
2022	68.24	18.45	13.3	263
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, 2022 to March 31, 2023 there were a total of 206 Prince Edward Island based carriers registering a total of 979 vehicles in the Agreement.

IRP Clearinghouse

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, 2022 - March 31, 2023 are listed in the tables that follow.

DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2022 - MARCH 31, 2023

Province	Reg Fees	RST	HST	Admin Fees	Audits	Other Add Fees	Total Fees
PE	568,832.00	1,350.00	7,334.87	55,360.00	1,740.60	1,305.00	635,922.47
NB	654,469.82				2,290.83		656,760.65
NS	247,147.28				923.03		248,070.31
NL	6,000.44				9.64		6,010.08
QC	223,001.80				423.47		223,425.27
ON	196,769.00				987.00		197,756.00
MB	7,060.00		10,867.73		168.56		18,096.29
SK	7,818.00		10,715.02		215.70		18,748.72
AB	5,883.00				474.60		6,357.60
BC	5,376.14		9,081.48		432.80		14,890.42
Totals	\$1,922,357.48	\$1,350.00	\$37,999.10	\$55,360.00	\$7,666.23	\$1,305.00	\$2,026,037.81

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR U. S. JURISDICTIONS
APRIL 1, 2022 - MARCH 31, 2023**

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Add Fees	Total Fees US Dollars
Alabama					
Arizona	1,886.00	87.85			1,973.85
Arkansas	932.19	14.41			946.60
California	2,658.00	199.00			2,857.00
Colorado	441.33	53.17	265.60	18.11	778.21
Connecticut	15,936.16	52.08			15,988.24
Delaware	1,133.73	3.09			1,136.82
Dist. of Columbia	117.70				117.70
Florida	3,984.49	52.31			4,036.80
Georgia	1,811.17	26.59	699.58		2,537.34
Idaho	1,771.16	75.13		13.69	1,859.98
Illinois	5,900.64	154.88			6,055.52
Indiana	2,514.92	62.06	861.56	0.30	3,438.84
Iowa	1,613.57	76.46			1,690.03
Kansas	626.88	7.54		134.83	769.25
Kentucky	864.29	22.79	367.85		1,254.93
Louisiana	242.43	.78			243.21
Maine	41,072.83	256.73	60,525.96		101,855.52
Maryland	4,970.33	26.00			4,996.33
Massachusetts	22,314.31	59.86			22,374.17
Michigan	6,521.39	121.32			6,642.71
Minnesota	1,224.14	40.45			1,264.59
Mississippi	390.16	7.74		321.31	719.21
Missouri	1,455.35	47.27			1,502.62
Montana	1,234.02	38.98		665.92	1,938.92
Nebraska	932.09	48.10			980.19
Nevada	291.82	55.90	322.34		670.06
New Hampshire	2,772.21	4.54			2,776.75
New Jersey	13,396.48	34.80			13,431.28
New Mexico	95.68	4.60			100.28

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Add Fees	Total Fees US Dollars
New York	20,344.14	60.18		5,044.99	25,449.31
North Carolina	6,847.02	46.00			6,893.02
North Dakota	891.57	16.29			907.86
Ohio	2,491.60	37.57			2,529.17
Oklahoma	531.62	22.05		65.06	618.73
Oregon	498.73	28.52			527.25
Pennsylvania	30,845.98	87.23			30,933.21
Rhode Island	248.98	1.04			250.02
South Carolina	2,303.86	23.02	1,030.66	5,341.77	8,699.31
South Dakota	566.96	21.83			588.79
Tennessee	1,398.47	28.26			1,426.73
Texas	1,399.05	19.84			1,418.89
Utah	275.06	29.65		188.72	493.43
Vermont	3,826.40	1.44			3,827.84
Virginia	10,944.51	71.50			11,016.01
Washington	2,473.54	110.66		388.53	2,972.73
West Virginia	997.26	18.12	1,128.17		2,143.55
Wisconsin	3,274.75	80.80			3,355.55
Wyoming	571.43	71.16		956.42	1,599.01
Totals	\$229,836.40	\$2,409.59	\$65,201.72	\$13,139.65	\$310,587.36

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2022 - MARCH 31, 2023**

Jurisdiction	Registration Fees	Audits	Sales Tax	Add Fees	Total Fees
NB	890,342.33	6.00			890,348.33
NS	157,656.00				157,656.00
NL	8,027.00				8,027.00
QC	33,809.60	-135.34			33,674.26
ON	39,634.00				39,634.00
MB	5,948.00				5,948.00
SK	37.00				37.00

Jurisdiction	Registration Fees	Audits	Sales Tax	Add Fees	Total Fees
AB	8,684.00				8,684.00
BC	2,151.00				2,151.00
Totals	\$1,146,288.93	-\$129.34			\$1,146,159.59

**DISTRIBUTION OF REVENUE COLLECTED BY U.S. JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2022 - MARCH 31, 2023**

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Total Fees US Dollars
Alabama	2.00			2.00
Arizona				
Arkansas	804.00			804.00
California	12,750.00			12,750.00
Colorado	12,850.00	-46.00		12,804.00
Connecticut				
Delaware				
Dist. of Columbia				
Florida	280.15			280.15
Georgia	80.00			80.00
Idaho	7.00			7.00
Illinois	27,093.48			27,093.48
Indiana	69.00			69.00
Iowa	16.00			16.00
Kansas				
Kentucky	1,568.00			1,568.00
Louisiana	232.00			232.00
Maine	4,385.00			4,385.00
Maryland	1.00			1.00
Massachusetts	45.00			45.00
Michigan	0.09			0.09
Minnesota	0.04			0.04
Mississippi	0.10			0.10
Missouri	45.00			45.00
Montana	196.00			196.00

Jurisdiction	Registration Fees	Audits	Sales Tax Fees	Total Fees US Dollars
Nebraska	67.00			67.00
Nevada	9,042.00			9,042.00
New Hampshire	2,918.00			2,918.00
New Jersey	14,201.60			14,201.60
New Mexico	0.02			0.02
New York	3,343.00			3,343.00
North Carolina	1,050.60			1,050.60
North Dakota	11.00			11.00
Ohio	45.00			45.00
Oklahoma				
Oregon	6.00			6.00
Pennsylvania	27,519.00			27,519.00
Rhode Island				
South Carolina	138.00			138.00
South Dakota				0.00
Tennessee	0.50			0.50
Texas	20.00			20.00
Utah	0.09			0.09
Vermont	-2.00			-2.00
Virginia	45,618.20	1.60		45,619.80
Washington	39,036.00			39,036.00
West Virginia	27,742.00	-450.00		27,292.00
Wisconsin	180.00			180.00
Wyoming	75.80			75.80
TOTALS	\$231,435.67	-\$494.40	\$0.00	\$230,941.27

RECAP OF REVENUE
APRIL 1, 2022 MARCH 31, 2023

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island	\$635,922.47
Revenue Collected for Canadian Jurisdictions	\$1,390,115.34
Total Canadian Revenue Collected from PE Base Plated Carriers	\$2,026,037.81
Total U. S. Revenue Collected from PE Base Plated Carriers	\$310,587.36

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PE by Canadian Jurisdictions	\$1,146,159.59
Revenue Collected for PE by U. S. Jurisdictions	\$230,941.27

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.

Two 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 1 Driver License

Written Examinations		Road Tests	
2021-2022	266	2021-2022	127
2022-2023	217	2022-2023	78

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 320.14 1A (impaired driving), 320.14 1 B (failing the breathalyzer), or 320.15.1 (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	2021-2022	2022-2023
Cars	86,443	87,190
Trucks	30,009	30,650
Motorcycles	2,843	2,843
Buses	486	516
Trailer	20,001	20,771
Off-Road Vehicle	8,649	8,679
Miscellaneous - Other Vehicles	1,301	1,299
Total	149,732	151,948

Total Number of Drivers per Class

Class	2021-2022	2022-2023
CLASS 1 - Tractor Trailers	4,551	4,810
CLASS 2 – Bus (more than 24 passengers including School Bus)	1,296	1,387
CLASS 3 - Trucks over 14,000 kg	4,140	4,209
CLASS 4 - Ambulance, Bus, Taxi (less than 24 passengers)	2,486	2,683

Class	2021-2022	2022-2023
CLASS 5 - Car, Light Truck	106,389	110,751
CLASS 6 - Motorcycle	12,578	12,888
CLASS 7 - Beginner's Instruction Permit	4,079	4,340
Total	135,519	141,068

Conservation License Plates

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

Annual sales recorded

2013-2014	2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
12,276	6,945	2,061	2,085	2,366	2,348









2019-2020	2020-2021	2021-2022	2022-2023	Totals
2,308	2,698	2,667	2,438	38,192

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 2022-2023, the Red Fox design was the most popular conservation plate.

		1,125
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 <p>Prince Edward Island Conservation ABC Birthplace of Confederation</p> <p>Passenger Conservation with Blue Jay</p>	 <p>Île-du-Prince-Édouard Conservation ABC Berceau de la Confédération</p> <p>Passenger Conservation with Blue Jay - French</p>	441
 <p>Prince Edward Island Conservation ABC Birthplace of Confederation</p> <p>Passenger Conservation with Trout</p>	 <p>Île-du-Prince-Édouard Conservation ABC Berceau de la Confédération</p> <p>Passenger Conservation with Trout - French</p>	344
 <p>Prince Edward Island Conservation ABC Birthplace of Confederation</p> <p>Passenger Conservation with Goose</p>	 <p>Île-du-Prince-Édouard Conservation ABC Berceau de la Confédération</p> <p>Passenger Conservation with Goose - French</p>	284
 <p>Prince Edward Island Conservation ABC Birthplace of Confederation</p> <p>Passenger Conservation with Lady Slipper</p>	 <p>Île-du-Prince-Édouard Conservation ABC Berceau de la Confédération</p> <p>Passenger Conservation Lady Slipper - French</p>	244
Total		2,438

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 2021-2022	Knowledge Tests 2022-2023	Road Tests 2021-2022	Road Tests 2022-2023
2,040	1,560	3,147	2,086

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

Year	Total Driving While Intoxicated Convictions	Total Ignition Interlock Devices Installed
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
2022	263	168

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 1,374 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 74 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 2022, there were 1,539 collisions resulting in 498 injuries and 18 fatalities. The fatalities included 11 drivers of vehicles, 2 drivers of motorcycles, 1 passenger of vehicles and 4 pedestrians,

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
311	701	Passed	108,626	4,902	1,721	4,401	5,500
		Rejected	1,400	178	28	42	167

Vehicle Type	Defective Brakes	Defective Tires/Wheels	Defective Suspensions	Defective Steering	Defective Exhaust	Defective Body/Frame	Windshield & Glazing
Light	12,084	5,097	6,639	3,369	2,530	2,093	1,008
Commercial	1,244	865	649	291	241	404	154

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	366,838
U.S. Trucks	Borden/Carleton Scales	612

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	15,940
Hours of Work (Driver's Log)	Borden/Carleton Scales	296
Trip Inspections	Borden/Carleton Scales	296
Dangerous Goods Inspections	Borden/Carleton Scales	62

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales	
Potato disinfectant Slips Collected	Borden/Carleton Scales	
Vehicles Checked for Taxable Goods	Borden/Carleton Scales	
Forest Products	Borden/Carleton Scales	860
Vehicles Quarantined	Borden/Carleton Scales	
<i>Plant Health Act</i>	Borden/Carleton Scales	
<i>Apiary Act</i>	Borden/Carleton Scales	19
<i>Animal Health Act</i>	Borden/Carleton Scales	182
<i>Fisheries Product Act</i>	Borden/Carleton Scales	1,957

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales	58	580.00
Oversize	Borden/Carleton Scales	1,372	14,900.00
Overweight	Borden/Carleton Scales	258	29,140
Trip	Borden/Carleton Scales	480	112,350.00

Type	Location	Number	Revenue
Fuel	Borden/Carleton Scales	1,143	28,200.00
Work	Borden/Carleton Scales	256	84,800.00
Non-Compliance	Borden/Carleton Scales	298	59,600.00
Disinfection Fees	Borden/Carleton Scales		
Other Front-End Decals	Borden/Carleton Scales	56	1,120.00
Total		3,921	\$330,690.00

Recorded Violations

Item	Location	Number	Revenue
<i>Roads Act</i>	Borden/Carleton Scales	118	25,519.00
<i>Highway Traffic Act</i>	Borden/Carleton Scales	33	6,850.00
<i>Dangerous Goods Act</i>	Borden/Carleton Scales		
Total		151	\$ 32,369.00

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	2021-2022	2022-2023
Total Number of Trucks & Truck Trailers Inspected	234	66
Power Units Out of Service	34	9
Tractor Trailers Out of Service	13	2

The Portable Scale Unit

The Portable Scale Unit consists of one vehicle and portable wheel-weighter 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	135
Revenue	\$46,995.00

Carrier Management

The National Safety Code Auditor completed 20 educational visits to carrier locations throughout the province. As well, there were 14 Carrier Audits completed and 10 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, 2022 - March 31, 2023

Beach Grove Home - Roof Replacement (Metal) - 7-Apr-22

1378011 Canada Corp.	\$ 1,194,831.00
Evolution Roofing Ltd.	\$ 1,724,200.00

Montague Consolidated School - Contract #4 - Phase 2: Construction - 7-Apr-22

Brighton Construction Inc.	\$ 6,858,000.00
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New Sherwood Elementary K-6 School - TP #1 - Geothermal Well Drilling - 12-Apr-22

Moore Well Drilling Inc.	\$ 274,747.00
Watson MacDonald Well Drilling Ltd.	\$ 307,210.00

Gulf Shore Consolidated School - Partial Roof Replacement - 21-Apr-22

(Invited Tender)

DeSantis Roofing	\$ 40,000.00
13780171 Canada Corp.	\$ 94,831.00

West Kent Elementary School - Ventilation Upgrade - 28-Apr-22 (Invited Tender)

J&S Sheet Metal Ltd.	\$ 446,300.00
Entire Mechanical Contractors	\$ 484,848.00
WM&M (1993) Ltd.	\$ 556,000.00

St. Jean Elementary School - Ventilation Upgrade -10-May-22 (Invited Tender)

Entire Mechanical Contractors	\$ 573,574.00
WM&M (1993) Ltd.	\$ 652,000.00

Birchwood Intermediate School - Floor Tile Replacement - 12-May-22

Tile Master Inc.	\$ 54,000.00
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Kensington Intermediate Senior High School - Aluminum Entrance Replacement-19-May-22

WM&M (1993) Ltd.	\$ 332,000.00
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M. E. Callaghan Intermediate School - Boiler Replacement - 19-May-22

Maritime Pressure Works	\$ 208,824.84
Ron's Plumbing & Heating Inc.	\$ 231,000.00

Queen Elizabeth Hospital - AHU #5 Replacement - 17-May-22

Entire Mechanical Contractors	\$ 654,321.00
J&S Sheet Metal Ltd.	\$ 667,700.00

<u>Kings County Memorial Hospital - Roof Replacement & Envelope Repairs - 26-May-22</u>	
Evolution Roofing Ltd.	\$ 1,536,200.00
<u>Stonepark Intermediate School - Pipe Insulation Removal - 26-May-22</u>	
Island Abatement Ltd.	\$ 36,800.00
CP Construction Services	\$ 294,000.00
<u>St. Louis Elementary School - Boiler Replacement - 31-May-22</u>	
Maritime Pressure Works Limited	\$ 167,771.82
Ron's Plumbing & Heating Inc.	\$ 194,000.00
<u>Kings County Highway Depot - Phase 2: Depot Building and Fit-up - 2-Jun-22</u>	
WM&M (1993) Ltd.	\$ 10,715,000.00
<u>New Sherwood Elementary K-6 School - TP #4 - Building Shell - 2-Jun-22</u>	
Brighton Construction Inc.	\$ 11,390,000.00
<u>Southern Kings Consolidated School - Boiler Replacement -2-Jun-22</u>	
Maritime Pressure Works Limited	\$ 248,843.60
<u>New Sherwood Elementary K-6 School - TP #2 - Site Work (2022) - 6-Jun-22</u>	
Island Coastal Services Ltd.	\$ 1,062,898.43
<u>Belfast Consolidated School - Gym Floor Replacement - 9-Jun-22</u>	
Centaur Products (Atlantic) Inc.	\$ 110,700.00
<u>New Sherwood Elementary K-6 School - Trade Package #6 Electrical - 9-Jun-22</u>	
Olympia Electric Ltd.	\$ 3,711,000.00
Hansen Electric Ltd.	\$ 3,916,000.00
<u>Colonel Gray Senior High School - PA System Upgrade - 14-Jun-22</u>	
Hansen Electric Ltd.	\$ 283,000.00
<u>New Sherwood Elementary K-6 School - Trade Package #7 - Fire Protection-14-Jun-22</u>	
B&G Sprinklers Ltd.	\$ 210,000.00
Vipond Inc.	\$ 369,240.00
Island Sprinkler Systems Ltd.	\$ 490,730.00
Troy Life & Fire Safety Ltd.	NON-COMPLIANT BID
<u>New Sherwood Elementary K-6 School - Trade Package #9 Ventilation and Heat Transfer - 14-Jun-22</u>	
Entire Mechanical Contractors	\$ 3,992,600.00

<u>West Kent Elementary School - Partial Exterior Wall Remediation & Selected Ceiling Replacement - 23-Jun-22</u>	NO BID
<u>Alberton Elementary School - Boiler Upgrade - 28-Jun-22</u>	
Island Gas & Combustion Ltd.	\$ 219,088.00
Ron's Plumbing & Heating Inc.	\$ 312,000.00
<u>Greenfield Elementary School - Ceiling Tile Replacement - 28-Jun-22</u>	
Arsenault Bros Construction Ltd.	\$ 340,000.00
Inflector Environmental Services	\$ 406,000.00
<u>Westisle Composite High School - Ceiling Tile Replacement - 28-Jun-22</u>	
Arsenault Bros Construction Ltd.	\$ 796,000.00
Inflector Environmental Services	\$ 866,000.00
<u>Former Riverview Manor - Driveway Entrance Relocation - 16-Aug-22</u>	
102574 PEI Inc. o/a Hynes Paving	\$ 72,594.00
The Island Construction Limited	\$ 132,000.00
<u>Former Trinity Anglican Church - Exterior Restoration - 15-Sep-22</u>	
CP Construction Services Ltd.	\$ 872,000.00
<u>Souris Hospital - Partial Flooring Replacement - 15-Sep-22</u>	NO BID
<u>Queen County Highway Depot - Trench Drain Install – 9-Sep-22 (Invited Tender)</u>	
Sawtech Concrete Sawing and Coring PEI Ltd.	\$ 109,800.00
<u>Queen Elizabeth Hospital - AHU #4 Replacement - 6-Oct-22</u>	
J&S Sheet Metal Ltd.	\$886,400.00
Entire Mechanical Contractors	\$1,139,477.00
<u>EV School Bus Charging - Residential (Prince) - 20-Oct-22</u>	
Advance Resource Development Inc.	\$ 93,000.00
<u>EV School Bus Charging - Residential (Queens) - 20-Oct-22</u>	NO BID
<u>EV School Bus Charging - Residential (Kings) - 20-Oct-22</u>	
Power East Electric Ltd.	\$ 20,500.00
Advance Resource Development Inc.	\$ 46,000.00
<u>Wedgewood Manor Partial Flooring Replacement - 22-Nov-29</u>	NO BID
<u>QEH – Nurse Call Replacement 06-Dec-22</u>	
Hansen Electric Ltd.	\$ 2,557,000.00
Ainsworth Inc.	\$ 2,949,000.00

PCH – Fire Alarm System Upgrade 15-Dec-22

Ainsworth Inc.	\$ 265,000.00
Hansen Electric Ltd.	\$ 317,000.00

New Sherwood Elementary K-6 – TP#5 Interior Fit Up – 20-Dec-22

WM&M (1993) Ltd.	\$ 7,511,000.00
Brighton Construction Inc.	\$ 9,114,000.00

New Sherwood Elementary K-6 – TP#8 Plumbing – 20-Dec-22

Bevan Bros Limited	\$ 884,000.00
Precision Mechanical Inc.	\$ 1,033,000.00
Entire Mechanical Contractors	\$ 1,117,900.00

Demolition – Former Stewart Memorial Home – 12-Jan-23

IQ Environmental Inc.	\$ 348,172.00
JBM Earthworks Ltd.	\$ 589,000.00
Stewart Enterprises Ltd.	\$ 921,633.00
Island Services Inc.	NON-COMPLIANT BID

Belfast Consolidated – Ventilation Upgrade – 31-Jan-23

J&S Sheet Metal Ltd.	\$ 859,000.00
Ainsworth Inc.	\$ 99,505.00
Entire Mechanical Contractors	\$ 1,154,000.00

31 Unit Family Housing Complex – LeFurgey Ave, Summerside – 02-Feb-23

MacLean Construction Ltd. o/a APM MacLean	\$ 11,199,000.00
WM&M (1993) Ltd.	\$ 11,680,000.00

Cardigan Consolidated School – Sustainable Upgrades – Solar Panels- 16-Feb-23

Hansen Solar Energy Ltd.	\$ 205,000.00
Aspen Kemp & Associates Inc.	\$ 209,361.03
Ferro-Chemi-Crete Engineering Ltd (dba FCC Construction)	\$ 267,000.00
Natural Forces Solar Inc.	\$ 424,395.00

Bluefield High School – PA System Upgrade – 09-Mar-23

Hansen Electric Ltd.	\$ 206,000.00
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Southern Kings Consolidated – Boiler Upgrades – 14-Mar-23

NO BID

Beach Grove 30 Unit Seniors Housing Complex – 16-Mar-23

WM&M (1993) Ltd.	\$ 8,532,000.00
Leading Edge Group	\$ 10,350,000.00

Athena Fuel Tank Replacement – 28-Mar-23

GNL Environmental Inc.	\$	48,000.00
Ron's Plumbing & Heating Inc.	\$	48,500.00
W&S General Contractors Ltd.	\$	54,100.00
ITS Construction Inc.	\$	58,975.00
Greendale Resources Inc.	\$	92,000.00

Provincial Addiction Treatment Facility – Roof Replacement – 30-Mar-23

(Invited Tender)

MacBeth Bros. Roofing Inc.	\$	208,360.00
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Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2022 but under construction between April 1, 2022 to March 31, 2023:

- West Royalty Elementary School Addition
- Queens County Highway Depot – Electric School Bus Chargers
- Provincial Correctional Centre Addition
- Ecole-sur-Mer and Centre Belle-Alliance Renovation and Addition
- Queen Elizabeth Hospital – New Air Handling Units
- Prince County Hospital – Emergency Power Generator
- Montague Consolidated School - Renovations
- Eliot River Elementary School – Renovation, Addition
- Queen Elizabeth Hospital – Roof Replacement
- Queens County Highway Depot – Pandemic Warehouse
- Kings County Memorial Hospital – Kitchen and Reception Interior Renovation
- Morell 10 Unit Mixed Seniors and Family Housing
- Georgetown 10 Unit Mixed Seniors and Family Housing
- West Prince Community Health Centre
- Queen Elizabeth Hospital – Electrical Upgrade
- Prince County Hospital – Nurse Call System Replacement
- Electric School Bus Chargers
- Kings County Highway Depot – Addition
- Beach Grove Home – Emergency Power Generator
- Schools Ventilation Upgrades
- Wedgewood Manor – Roof Replacement (Metal)

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:

- Summerside Youth Centre- Strength Program – Painting
- Tyne Valley Youth Centre – Fire Alarm System
- Alma Field Office – New Metal Roof
- Tignish Sign Shop – Exterior Painting
- Potato Service Building – Exterior Painting

Queens County:

- Shaw Building - 5th Floor North Interior Painting
- Charlottetown Library Learning Center – Janitorial Services
- Shaw Building - Exterior Feature LED Lighting

- Government House – 2023 Planting Lists
- Sullivan Building – New Exit Stairwell
- Child & Family Services Office – Office Furniture
- Auditor General Storage Unit – 80 Grafton Street
- Sullivan Building – 5th Floor Interior Renovations
- Disposal of Hand Sanitizer Products

Kings County:

- Kings County Courthouse – Roof Replacement

Schedule of Construction Tenders Received Maintenance and Accommodations

April 1, 2022 - March 31, 2023

Shaw Building - 5th Floor North Interior Painting - 5-Apr-22 (RFQ)

MPD Painting	\$	5,840.00
Mallard Painting	\$	5,960.00
Island Painting	\$	11,600.00

Janitorial Services for the Charlottetown Library Learning Center - 26-Apr-22
(Public Tender)

GDI Services	\$	334,565.82
SBC Facility Services	\$	434,353.40
United Janitorial	\$	440,984.05
AJ Maintenance	\$	474,716.13

Exterior Feature LED Lighting - Shaw Building - 28-Apr-22 (Public Tender)

Ferro-Chemi-Crete Engineering Limited	\$	213,900.00
Hansen Electric Limited	\$	217,700.00
Black & MacDonald	\$	235,060.00
Olympia Electric Limited	\$	238,128.00
Fisher Electric	\$	288,325.00

Grass Cutting Tender DTI Maintenance & Accommodations - Prince County –
5-May-22 (Public Tender)

Acadian Museum:		
Signature Properties	\$	65.00/cut
Snowie Road	\$	70.00/cut
Sharpe Lawn	\$	150.00/cut

Borden Scales:		
Snowie Road	\$	70.00/cut
Signature Properties	\$	165.00/cut

Kensington Post Office :		
Snowie Road	\$	65.00/cut
Signature Properties	\$	65.00/cut
Kensington Potato Services:		
Snowie Road	\$	75.00/cut
Signature Properties	\$	120.00/cut
Sharpe Lawn	\$	175.00/cut
Prince County Highways:		
Snowie Road	\$	95.00/cut
Signature Properties	\$	165.00/cut
Sharpe Lawn	\$	200.00/cut
Tignish Paint Shop:		
Snowie Road	\$	128.00/cut
Provincial Sign Shop:		
Snowie Road	\$	51.00/cut
<u>Grass Cutting Tender DTI Maintenance & Accommodations - Queens County -</u>		
<u>5-May-22 (Public Tender)</u>		
Cavendish VIC:		
Snowie Road	\$	75.00/cut
Signature Properties	\$	165.00/cut
Davies Law Courts:		
Sunseeker Properties	\$	45.00/cut
Analytical Lab:		
Sunseeker Properties	\$	45.00/cut
Subscribed Lawncare	\$	55.00/cut
<u>Grass Cutting Tender DTI Maintenance & Accommodations Kings County-5-May-22</u>		
<u>(Public Tender)</u>		
Access PEI Montague:		
Snowie Road	\$	65.00/cut
Martell Service Group	\$	95.00/cut
Kings County Courthouse:		
Snowie Road	\$	51.00/cut
Martell Service Group	\$	80.00/cut

Lea Crane Building TPW:		
Snowie Road	\$	75.00/cut
Martell Service Group	\$	200.00/cut
Montague Office -Douses Road:		
Snowie Road	\$	85.00/cut
Martell Service Group	\$	160.00/cut
Kings County Forestry:		
Snowie Road	\$	90.00/cut
Martell Service Group	\$	115.00/cut
Queens Lot Road:		
Snowie Road	\$	70.00/cut
<u>Dispose of Hand Sanitizer Products - Oct 3, 2022 (RFQ)</u>		
Clean Harbors:	\$	30,254.37
GFL Environmental Services		NON-COMPLIANT BID
<u>Summerside Youth Centre- Control Desk Modifications - 17-Nov-22 (Public Tender)</u>		NO BID
<u>Snow Removal & Ice Control Tender- Prince County-DTI-Maintenance & Accommodations - 17-Nov-22 (Public Tender)</u>		
Borden Scales:		
On the Go Property Maintenance Inc.	\$	9,150.00
Access Alberton:		
O'Meara's Heavy Equipment Ltd.	\$	6,000.00
Tyne Valley Health Centre:		
W. Ross MacKie	\$	5,950.00
Tyne Valley Youth Centre:		
W. Ross MacKie	\$	7,250.00
St. Eleanor's House:		
MacAusland Excavation Services	\$	7,400.00
St. Eleanor's House:		
RWL Holding Ltd.	\$	17,580.00
Western Forestry District Office:		
Urbainville Farms Ltd.	\$	5,500.00

Summerside Youth Centre- Strength Program - Painting - 8-Dec-22 (Public Tender)

MPD Painting	\$	11,920.00
Mallard Painting	\$	17,950.00

2023 Planting Lists Government House - 20-Jan-23 (Invited Tender)

Nabuurs Garden	\$	2,099.84
John's Greenhouses	\$	2,772.42
Island Pride Garden Company	\$	3,826.35
Sommerset Gardens Inc	\$	5,569.66

Exterior Painting-Basin Head Fisheries Museum & Cannery - 16-Feb-23 (Public Tender)

NO BID

Roof Replacement- Kings County Courthouse - 16-Feb-23 (Public Tender)

ALG Management	\$	103,108.75
Evolution Roofing	\$	169,800.00

Fire Alarm System- Tyne Valley Youth Centre - 23-Feb-23 (Public Tender)

First Signal Fire Alarm	\$	11,262.00
Hansen Electric Ltd.	\$	48,600.00

New Metal Roof- Alma Field Office - 23-Feb-2023 (Public Tender)

DeSantis PEI	\$	67,950.00
REM Properties	NON-COMPLIANT BID	

Exterior Painting- Tignish Sign Shop - 23-Feb-2023 (Public Tender)

Mallard Painting	\$	21,500.00
Power Clean Pressure Washing	NON-COMPLIANT BID	

Exterior Painting- Potato Service Building - 23-Feb-23 (Public Tender)

Mallard Painting	\$22,600.00
Power Clean Pressure Washing	NON-COMPLIANT BID

Sullivan Building - New Exit Stairwell - 28-Feb-23 (Public Tender)

Maclean Construction Ltd	\$	1,889,000.00
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Overdose Prevention Site (OPS) - 7-Mar-23 (Public Tender) CANCELLED

CP Construction Services Inc.	\$	464,000.00
ALG Management	\$	626,878.80

Sherwood Business Centre-Suite 182 Child & Family Service Office Furniture –
17-Mar-23 (Invited Tender)

Atlantic Business Interiors	\$	27,589.00
HMS Office Supplies	\$	28,776.00
Office Interiors	NON-COMPLIANT BID	

80 Grafton Street Charlottetown -Auditor General Storage Unit - 23Mar-23

(Invited Tender)

Office Interiors	\$ 16,149.36
Atlantic Business Interiors	\$ 27,176.00

Sullivan Building -5th Floor Interior Renovations - 28-Mar-23 (Invited Tender)

Macleon Construction Ltd	\$ 2,099,000.00
Brighton Construction	\$ 2,182,000.00

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 Adaptation 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, Water, and Climate Action (DEWCA).

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 245 environmental assessments/project approvals during 2022-2023, including 117 field approvals. A summary of the 245 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.

2022-2023 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DEECA Permit	Total
Prince	7	35	13	5	60
Queens	7	35	42	9	93
Kings	7	14	62	9	92
Province	21	84	117	23	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 2022-2023 for the various blanket approval types is provided in the following table:

2022-2023 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	49	3	6	58
Shore Access		2	4	6
Painting				
Maintenance of Environmental Controls	16	16	5	37
Guardrail Reinstatement (with shoulder work)	2	15	7	24
Confederation Trail Surface and Slope Repairs		7	5	12
Confederation Trail Vegetation Management		45	32	77
Ditching (Smooth Bucket or Grading)	6	11	7	24
Brush Cutting	91	89	102	282
Timber Pile Bridge Minor Repair	4	6	3	13
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)		14	7	21
Surface Water Cross Culvert Replacement	16	11	13	40
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	3	4	7	14
Maintenance of Provincial Tap Drains		1	1	2
Repair/Replace Timber Floors		2	1	3
Shoulder Grading/Planning & Material Placement	32	40	32	104
Debris Removal from Structures	20	7	20	47
Asphalt Overlay		21	14	35
Total Blanket Approval Projects	239	294	266	799

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 2022-2023, 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 2022-2023, 84 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 2022-2023, 23 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 2022-2023, 27 projects were audited by the Environmental Management Section. Of the 27 projects, 26 met the requirements of the permit and one did not meet most of the requirements of the permit due to project not being finished in time allotted by issued permit (new permit was issued with follow-up inspections and 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 2022-2023, 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	Policies
<ul style="list-style-type: none">•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	<ul style="list-style-type: none">•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, the Department of Fisheries and Oceans Canada and the Provincial Department of Environment, Energy and Climate Action, to identify and repair fish passage barriers at highway culverts and crossings.

The Department of Fisheries and Oceans is phasing in new criteria for bridge and culvert installations in 2023. The changing Federal guidelines for bridge and culvert installations are requiring EMS to collect more assessment data for individual projects and are adding increased design criteria for these projects.

The Department partnered with the Winter River Tracadie Bay Watershed Association to develop a design and installation plan for a culvert with a prefabricated fishway built into the culvert. The existing culvert had presented a barrier to fish passage on Piper's Creek which is a tributary to Tracadie Bay.

The Environmental Management Section also did improvement work on the Dixon Dam section of the Clyde River to improve smelt migration.

The Department collaborated with the Souris Area Wildlife Federation on two fish passage improvement projects in Clear Springs and Priest Pond.

Environmental-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 14 watershed and community groups on 28 projects during 2022-2023.

2022 was year four 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 year 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 Winter River Tracadie Bay Watershed's pilot project from last year at Tim's Creek was audited through to April 2022. The Watershed Group, EMS, and PEI Forests Fish and Wildlife Division jointly audited this project which had been completed in the previous year. The results were very positive, especially with regards to successful smelt passage and spawning at Tim's Creek in Suffolk. In Kings County, EMS and the Souris Area Wildlife Federation continued with the plan for the Black Pond Watershed. Stabilization and mitigation controls were completed on the Greenvale Rd. A major dredging project was completed in Black Pond with the removal 3,000 cubic meters of legacy sediment that had accumulated in Black Pond over several decades. This was a major water quality and fish habitat improvement.

EMS worked with the Morell Coop Watershed Association on a major project installing gabion deflectors on the West Branch of the Morell River. This project restored pools and waterflow in critical fish habitat on the Morell River.

The Department collaborated with the Central Queens Wildlife Federation on a project to remove quantities of liquid asphalt that was residual from a tanker accident in the mid 1970s at Bonshaw Bridge. The liquid asphalt had been pumped out of the tanker truck and buried beside the West River at the time of the accident. This petroleum product was leeching through the soil in the warm temperatures of summer and making its way into the river. The project involved significant excavation and disposal of the contaminant, followed by remediation of the riverbank. EMS also assisted the group with excavation of instream sediment traps in the Clyde and West River.

The Trout River Environmental Committee, with the assistance of EMS, made improvements to their trail system at the Devil's Punchbowl in South Granville, as well as a stream bank stabilization project in Millvale.

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. The program has adapted a River Otter Conservation Guideline as well as an emergency response protocol for DTI and the Islands Watershed Associations, to streamline response times to beaver blockages on road crossings that are critical to the health of a Watershed. With increasing temperatures in the summer, beaver blockages are quickly turning upstream water into anoxic environments which caused a series of fish kills on the Morell and Brudenell Rivers. A system of notification and response was developed to protect fish in warm water periods and to ensure passage and access to upstream spawning habitat in spring and fall. 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, and to potential damage to surrounding property and aquatic ecosystems. The BMWs identified and managed beaver problems at 127 sites in 2022-2033.

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.

NWPA 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 and undertaking new 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 or anticipated impacts resulting from climate change. Within the Provincial Climate Adaptation Plan, focused on building Government's climate resiliency, DTI is tasked with co-leading two actions:

- Action 4: Increasing Backup Power for Critical Infrastructure; and
- Action 8: Increase Resilience of Public Infrastructure.

Along with these two actions, DTI will contribute to other various actions led by other departments to help work together to adapt to climate change. Work is currently underway to accomplish these actions. DTI leads the design and implementation of shoreline protection projects across PEI. These projects involve adapting to current and projected storm surge conditions and sea level rise to protect the natural shoreline and infrastructure, both on the shore and inland. Coastal engineering studies were undertaken at Basin Head, Souris, West Point, and St. Peters to develop intertidal reefs and groyne protection structures to minimize coastal erosion and to protect critical infrastructures. These structures are designed to work with natural processes and are a type of nature-based solution or "green engineering" project as they incorporate natural elements. DTI works at designing and constructing provincial roads, bridges, buildings, upsizing culverts, 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 storm surge and future projected sea levels. Roads are designed with increased cross slopes by 0.5% to account for more frequent and more intense precipitation events. DTI works at leading sustainable transportation initiatives through active transportation programs, widening road shoulders, anti-idling policies, 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 greenhouse gas (GHG) emissions. Schools are also being retrofit and/or built to net-zero ready standards to further reduce GHG emissions and to ensure the Province is committed to help reach our "Net Zero by 2040" goal.

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; Social Development and Seniors; Health and Wellness; 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 2022-2023, approximately 88 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 2022-2023, the Office has opened approximately 25 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 numerous legal surveys. The Office has been engaged with multiple Government departments for a wide variety of surveys. Most legal surveys have been road acquisitions, land acquisitions and drainage easements.

The Office has also completed drone surveys to facilitate topographic work. Drones have been able to provide a higher level of topographic accuracy than field crews surveying large areas on foot. The Office has worked with Health & Wellness and Social Development & Seniors to facilitate mental health facility

planning and future housing projects. The scope of these jobs is larger than previous involvement with these departments.

Additional surveys have been undertaken by the Office to facilitate the design and expansion of elementary schools, mental health and addictions facilities, future social development projects, provincial manors and general government facilities. Surveys for these jobs consisted of legal, topographic and engineering surveys required for site design. The Office has completed topographic and right-of-way surveys for new Mental Health and Addictions facilities located on the Hillsborough Hospital site. The Office has also assisted in acquiring property for road purposes to access the new Stratford school and community campus. Survey work has been completed for Social Development and Seniors projects in Hillsborough Park and Miltonvale Park.

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 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 continued to improve on and further integrate drone surveys into jobs. They have permitted a higher level of data density to be achieved in topographic surveys. Drones were used to assess damage to Government infrastructure after post-tropical storm Fiona. Data and images of damaged infrastructure were provided to departments that required them.

Research and collaboration is underway to compute differences in volume of material between drone flights. This can facilitate reporting and quantifying the success of various coastal engineering projects.

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 Public Schools Branch, 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, 2023, there were approximately 2,338 essential properties (totaling approximately 105,682 acres) and 102 surplus properties (totaling approximately 336 acres) held in provincial ownership and under the management of various Government departments. For the period April 1, 2022 to March 31, 2023, the Properties Section received 405 inquiries related to provincial property matters.

Property Leases - April 1, 2022 to March 31, 2023

For the period April 1, 2022 to March 31, 2023, there were 122 lease agreements on 105 provincial properties (1,347 approximate acres) generating a revenue of \$96,575 for this period.

In addition, there were an additional 308 lease or license agreements on 624 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, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
1153360	Alberton	1.86 acres		Property acquired on behalf of Public Works & Planning.
393108	Charlottetown	0.89 acres		Portion of 480475 acquired and appended to 393108.

Parcel	Location	Acreage	Amount	Notes
852509	Portage	20.00 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.
50989	Inverness	82.00 acres	71,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
267443	Baie-Egmont	0.19 acres	10,521.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
421958	Freetown	0.25 acres	5,854.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
97055	Freetown	0.21 acres	11,634.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
459263	Orwell Cove	5.00 acres		Property Escheated to the Crown by way of failure to file annual returns. Quit Claim Deed to the Province from the Department of Finance.
35287	Campbellton	0.50 acres		Property acquired as part of a land exchange with PID 638970 for beach access and parking.
28522	McNeills Mills	77.00 acres	47,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
1145192	Summerside	5.00 acres		Property acquired on behalf of Public Works & Planning.
668814	Souris Line Road	15.00 acres	8,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
207175	Hampton	0.37 acres	11,609.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
14696	St. Lawrence	60.00 acres		Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division), as part of a land exchange with PID 567586.

Parcel	Location	Acreage	Amount	Notes
41822	O'Leary	0.15 acres	2,965.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
46904	Glenwood	1.13 acres	32,042.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
8755	St. Louis	0.25 acres	6,006.00	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
1159136	Malpeque	3.28 acres	55,000.00	Property acquired on behalf of Highway Maintenance, for sand and salt storage.
53785	Grand River	62.00 acres	36,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
256776	St. Marys Road	50.00 acres	43,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
66290	St. Nicholas	120.00 acres	42,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
158596	Launching	79.00 acres	52,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
1161835	Roseneath	0.27 acres		Part of a land exchange with PID 163386, for the construction of a park and ride site.
57455	Coleman	75.00 acres	40,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
915330	Milo	70.00 acres	38,500.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
58727	Brae	130.00 acres	63,800.00	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
28977	Conway	92.00 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.
58958	Brae	100.00 acres	47,300.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
946269	Slemon Park	2.00 acres	60,000.00	Property acquired for equipment and material storage.
152546	Howe Bay	33.75 acres	17,466.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
153825	Poplar Point	59.00 acres	30,534.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
52746	Richmond	50.00 acres	27,500.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division). Canada Nature Fund paid \$12,500 and Ducks Unlimited paid \$15,000.
21923	Springhill	50.00 acres	22,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division). Canada Nature Fund paid \$7,000 and Ducks Unlimited paid \$15,000.
23507	Enmore	21.28 acres	14,437.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
646588	Enmore	59.00 acres	40,563.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
870899	Abrams Village	59.00 acres	27,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from the Riparian Buffer Zone Acquisition Program.

Parcel	Location	Acreage	Amount	Notes
868844	West Point	53.00 acres	26,400.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
825729	Riverdale	60.00 acres		Property re-acquired as per reversionary clause.
28530	McNeils Mills	40.00 acres	36,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from Canada Nature Fund.
1162585	Abrams Village	58.00 acres	40,000.00	Property acquired on behalf of Department of Environment, Energy & Climate Action, (Forests, Fish & Wildlife Division) and paid for from the Riparian Buffer Zone Acquisition Program.
1162825	Cap-Egmont	120.00 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.
Totals	41 Properties	1716.38 acres	\$1,063,131.00	

Property Acquisitions (RLAF) - April 1, 2022 to March 31, 2023
(RLAF - Resource Land Acquisition Fund)

Parcel	Location	Acreage	Amount	Notes
801142	Victoria West	56.00 acres	140,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
881110	Tyne Valley	97.00 acres	44,000.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
749275	Wellington	78.00 acres	57,778.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
268599	St-Gilbert	30.00 acres	22,222.00	Acquired for the Department of Environment, Energy & Climate Action (Forests, Fish & Wildlife Division).
Totals	4 properties	261.00 acres	\$264,000.00	

Easements Granted - April 1, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
555722	Carlton Siding	0.19 acres		Easement granted for access.
498220	Kensington	0.18 acres		Easement granted to connect to central sewer/water lines.
211086	Borden-Carleton	5.636 acres		Easement granted for an underground sewer line/water line on 5.486 acres, plus a Right of Way granted on 0.15 of an acre for access.
849885	Cornwall	0.47 acres		Easement granted to connect to central sewer/water lines.
Totals	4 properties	6.476 acres	\$0.00	

Easements Acquired - April 1, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
70680	Summerside	0.605 acres		Acquired easement for active transportation recreational trail.
793497	Summerside	0.42 acres		Acquired easement for active transportation recreational trail.
926071	Charlottetown	0.007 acres	500.00	Acquired easement for infrastructure maintenance of an overhead sign base.
546291	Charlottetown	0.009 acres		Acquired easement for infrastructure maintenance of an overhead sign base.
323691	Wood Islands	0.052 acres	500.00	Acquired easement for storm water management.
768879	Cherry Valley	0.16 acres	500.00	Acquired easement for storm water management.
163584	Roseneath	0.053 acres	500.00	Acquired easement for storm water management.
163501	Roseneath	0.079 acres	500.00	Acquired easement for storm water management.
143768	Tenmile House	0.28 acres		Acquired easement for storm water management.
851634	New Glasgow	0.023 acres	500.00	Acquired easement for storm water management.
21220	Tyne Valley	0.018 acres	500.00	Acquired easement for storm water management.
13730	Ebbsfleet	0.020 acres	500.00	Acquired easement for storm water management.

Parcel	Location	Acreage	Amount	Notes
62398	Miscouche	0.193 acres	1,100.00	Acquired easement for storm water management.
93369	Burlington	0.361 acres	500.00	Acquired easement for storm water management.
760587	Burlington	0.011 acres	500.00	Acquired easement for storm water management.
133454	Brackley	0.182 acres		Acquired easement for storm water management.
1087907	Mermaid	0.07 acres		Acquired easement for storm water management.
143768	Tenmile House	0.04 acres		Acquired easement for vehicle turning area.
Totals	18 Properties	2.583 acres	\$ 6,100.00	

Disposals for Highways - April 1, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
754408	Victoria	0.44 acres		Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
770461	Cardigan	0.94 acres		Portion of old roadbed closed and conveyed to adjacent landowner.
131813	Ten Mile House	0.11 acres		Portion of old roadbed closed and conveyed to adjacent landowner.
173021	Avondale	0.63 acres		Portion of old roadbed closed and conveyed to adjacent landowner.
234369	St. Ann	0.36 acres		Portion of old roadbed closed and conveyed to adjacent landowner.
128694	Mount Mellick	0.06 acres		Portion of old roadbed closed and conveyed to adjacent landowner.
699025	St. Margarets	0.11 acres		Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
483131	St. Margarets	0.55 acres		Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
Totals	8 Disposals	3.20 acres	\$0.00	

Acquisitions for Highways - April 1, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
191833	Charlottetown	0.03 acres	7,200.00	Acquired for new roundabout project.
586321	Charlottetown	0.01 acres	2,000.00	Acquired for new roundabout project.
504720	Charlottetown	0.026 acres	20,755.00	Acquired for new roundabout project.
192351	Charlottetown	0.013 acres	4,290.00	Acquired for new roundabout project.
419135	Charlottetown	0.90 acres	112,000.00	Acquired for new roundabout project.
757476	Cornwall	0.146 acres		Acquired for new roundabout project in exchange for a Right-of Way to PID #849885.
245670	Cornwall	0.151 acres		Acquired for new roundabout project in exchange for a Right-of Way to PID #849885.
245647	Cornwall	0.265 acres		Acquired for new roundabout project in exchange for a Right-of Way to PID #849885.
692327	Springfield	9.38 acres	45,000.00	Acquired to insure property could not be developed with a residence.
204644	St. Catherines	0.064 acres	10,000.00	Acquired to correct an encroachment issue.
1013200	Fairview	2.94 acres		Acquired new street in subdivision.
1013366	Fairview	0.574 acres		Acquired new street in subdivision.
1029354	Searletown	0.057 acres	7,500.00	Acquired for road widening.
128108	Victoria Cross	0.50 acres + residence	277,800.00	Acquired for new roundabout project.
128090	Victoria Cross	0.48 acres	56,200.00	Acquired for new roundabout project.
153619	Annandale	0.25 acres		Acquired for road widening.
146860	Mount Stewart	0.11 acres	23,000.00	Acquired to correct an encroachment issue.
552695	Tracadie Cross	1.23 acres	35,000.00	Acquired for road improvements.
143768	Tenmile House	3.56 acres		Acquired new subdivision street.
1162015	Eglington	25.00 acres	150,000.00	Acquired for site distance.
751883	Hunter River	0.46 acres	50,715.00	Acquired for site distance.
198978	Montague	0.21 acres + residence	165,000.00	Acquired for site distance.
88377	New London	2.10 acres		Acquired new subdivision street.
Totals	23 Properties	48.456 acres	\$966,460.00	

Property Disposals (Not RLAF) – April 1, 2022 to March 31, 2023

Parcel	Location	Acreage	Amount	Notes
100024	Souris	0.07 acres		Property conveyed to adjacent landowner.
634311	Byrnes Road	0.68 acres	11,000.00	Property conveyed to correct encroachment issue.
638940	St. Felix	0.41 acres		Part of a land exchange with PID 35287 for beach access and parking.
218636	Bonshaw	0.21 acres	1,500.00	Property conveyed to correct encroachment issue.
424663	St. Eleanors	0.24 acres	12,500.00	Property conveyed for access to client's adjacent property.
385773	Charlottetown	0.49 acres + duplex		Property conveyed to PEI Housing for affordable housing.
567586	Kildare Capes	40.00 acres		Property conveyed as part of a land exchange with PID #14696.
211086	Borden-Carleton	0.43 acres		Property conveyed to correct encroachment issue.
390765	Charlottetown	0.10 acres		Portion of property conveyed in order to connect to existing public road.
Totals	9 Disposals	42.63 acres	\$25,000.00	

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 FY2022/2023 was approximately \$54.6 million. 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 15 projects completed in 2022-2023 which consisted of 4 large projects including Route 2- Kensington, Route 1 -Cherry Valley, Route 1 – Stratford Roundabout and the Bayview Bridge – Structure Replacement.

The New Deals for Cities and Communities provided federal funding for 13 projects including Route 6- North Rustico, Route 231 – Crapaud Storm Sewer, Barrett Street in Kensington, Route 6 – Eastern Road and various others.

Capital Projects completed 14 projects under the Investing in Canada Plan (ICIP) including 8 Bridge Structure Replacements. 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 2022 – 2023

All Counties									
Subdivision Name Location	SD #	Street Names	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Mermaid Meadows, Mermaid	759	Sydney Way	0.24	0.24	0.24	0.24	0.24		0.24
Foxwood, Stratford	922	Bryer Jones Court	0.11	0.11	0.11	0.11	0.11		0.11
Dougan, Donaldston	959	Lorraine Lane	0.57	0.57	0.57	0.57	0.57		0.57

All Counties									
Subdivision Name Location	SD #	Street Names	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Kelly Heights Phase 2 - Stratford	926	Smallwood Terrace	0.69	0.69	0.69	0.69	0.69		0.69
Warren Subdivision Clinton	970	Red Stone Lane	0.36	0.36	0.36	0.36	0.36		0.36
Provincial Totals:			1.97	1.97	1.97	1.97	1.97	0.00	1.97

Highways & Bridges Tenders Received

Route 152 & 153 – Montrose 2022 – April 13, 2022

Chapman Bros. Construction Limited	\$ 447,764.00
Curran & Briggs Limited	\$ 453,301.00

Route 226 – Darlington 2022 - April 13, 2022

Chapman Bros. Construction Limited	\$ 579,469.08
Island Coastal Services Limited	\$ 587,833.90

Vernon River Confederation Trail Bridge- Structure Replacement – April 22, 2022

Island Coastal Services Limited	\$ 1,588,656.07
Highfield Construction Limited	\$ 1,693,975.00
Noye and Noye Limited	\$ 1,974,800.00

Elmira Road Intersection – South Lake 2022 – April 26, 2022

Chapman Bros. Construction Limited	\$ 272,316.60
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Coleman Route 137- Structure Replacement 2022 – June 23, 2022

Noye & Noye Limited	\$ 810,956.00
Highfield Construction Limited	\$ 918,060.00
Gaudette's Transit Mix	\$ 1,107,882.70

2022 Bridge Timber Supply – June 29, 2022

Good Fellow Inc.	\$ 2,266,866.13
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Greenwich AT Trail 2022 – July 21, 2022

Chapman Bros. Construction Limited	\$ 4,592,166.00
The Island Construction Limited	\$ 4,789,372.00

Route 2 – Brookfield/Greenvale 2022 – July 28, 2022

The Island Construction Limited	\$ 526,605.80
Chapman Bros. Construction Limited	\$ 527,660.80

Route 133 – Ellerslie - Bideford 2022 - July 28, 2022

Chapman Bros. Construction Limited	\$ 235,369.00
Curran & Briggs Limited	\$ 242,122.00

Route 6 – Stanhope 2022 - July 28, 2022

The Island Construction Limited	\$ 575,484.00
Chapman Bros. Construction Limited	\$ 604,156.00

Route 13 – Brookvale 2022– August 31, 2022

Chapman Bros. Construction Limited	\$ 1,289,058.00
The Island Construction Limited	\$ 1,300,998.00

Route 12 & 172 - Cascumpec – August 31, 2022

Chapman Bros. Construction Limited	\$ 859,104.00
Curran & Briggs Limited	\$ 874,278.20

Route 6 – Cavendish – August 31, 2022

Curran & Briggs Limited	\$ 239,445.00
Chapman Bros. Construction Limited	\$ 251,966.00
Island Coastal Services Limited	\$ 258,615.09

Aintree Dr. Connection – Stratford 2022 – August 31, 2022

Island Coastal Services Limited	\$ 249,025.54
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Skinner's Pond Route 14 Bridge – Structure Replacement 2022 - August 31, 2022

Gaudette's Transit Mix	\$ 439,738.00
Noye & Noye Limited	\$ 451,943.00

Mount Stewart Route 2 Bridge – Structure Replacement 2022 - August 31, 2022

Chapman Bros. Construction Limited	\$ 999,950.00
Island Construction Limited	\$ 1,088,796.50
Noye & Noye Limited	\$ 1,090,150.00

Route 2 – Kensington (Left Turn Lanes) 2022 - September 22, 2022

Curran & Briggs Limited	\$ 876,066.00
Chapman Bros. Construction Limited	\$ 896,216.00

Slemon Park Light Duty Access Road 2022 - September 22, 2022

Curran & Briggs Limited	\$ 172,935.00
JBM Earthworks Limited	\$ 291,702.98

Warren Grove Road – Structure Replacement 2022 - October 4, 2022

Highfield Construction Limited	\$ 1,980,590.00
Noye and Noye Limited	\$ 2,867,069.50

Breakwater Street Shoreline Protection - Souris - Slope Stabilization - October 6, 2022

Chapman Bros. Construction Limited	\$ 1,168,124.00
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Route 1 – Mount Mellick 2022 – October 18, 2022

Chapman Bros. Construction Limited	\$ 1,630,471.60
The Island Construction Limited	\$ 1,635,069.60

Lower Rollo Bay Road – Structure Replacement 2022 - October 20, 2022

Highfield Construction Limited	\$ 876,645.00
Noye and Noye Limited	\$ 988,015.00

French Village Bridge – Structure Replacement 2022 - November 24, 2022

Noye and Noye Limited	\$ 2,328,855.00
Highfield Construction Limited	\$ 2,358,285.00

Crowbush – Shoreline Protection Enhancement 2022 - December 16, 2022

Island Coastal Services Limited	\$ 634,150.00
Chapman Bros. Construction Limited	\$ 645,415.00
Landmark Construction	\$ 755,525.00
G&P Trucking & Construction	\$ 1,072,500.00

Borden Plants 2023 - January 24, 2023

Somerset Gardens Inc.	\$ 69,914.70
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Route 2 – Rollo Bay 2023 – March 2, 2023

Chapman Bros. Construction Limited	\$ 438,010.80
The Island Construction Limited	\$ 446,269.80

Route 2 – Dunstaffnage 2023 – March 2, 2023

The Island Construction Limited	\$ 1,131,746.00
Chapman Bros. Construction Limited	\$ 1,147,246.00

Route 16 – Chepstow 2023 – March 2, 2023

Chapman Bros. Construction Limited	\$ 1,009,461.60
The Island Construction Limited	\$ 1,026,159.48

Victoria Cross Roundabout – Victoria Cross 2023 – March 2, 2023

The Island Construction Limited	\$ 2,184,888.43
Chapman Bros. Construction Limited	\$ 2,199,728.97
Island Coastal Services Limited	\$ 2,488,817.68

Rusticoville Bridge – Structure Replacement 2023 - March 2, 2023

Highfield Construction Limited	\$ 6,762,286.00
Dunbar Construction Limited	\$ 8,114,095.75

Route 2 – West Devon/Carleton/Woodstock 2023 – March 2, 2023

Chapman Bros. Construction Limited	\$ 1,478,140.00
Curran & Briggs Limited	\$ 1,499,620.00

Route 20 – Hamilton/Baltic 2023 – March 2, 2023

Curran & Briggs Limited	\$ 1,063,689.00
Chapman Bros. Construction Limited	\$ 1,077,243.00

Route 2- Abegweit Connects 2023 – March 10, 2023

Island Coastal Services Limited	\$ 4,389,606.69
Chapman Bros. Construction Limited	\$ 4,820,883.66
Birch Hill Construction Limited	\$ 6,287,888.40

Route 13 – Crapaud 2023 – March 23, 2023

Chapman Bros. Construction Limited	\$ 822,963.00
The Island Construction Limited	\$ 837,368.00
Curran & Briggs Limited	\$ 841,335.00

Route 13 – Mayfield 2023 – March 23, 2023

The Island Construction Limited	\$ 699,237.40
Chapman Bros. Construction Limited	\$ 703,187.40

Route 12 – Ellerslie - Bideford 2023 – March 23, 2023

Chapman Bros. Construction Limited	\$ 698,560.00
Curran & Briggs Limited	\$ 712,070.00

Route 2 – Morell East 2023 – March 23, 2023

Chapman Bros. Construction Limited	\$ 955,889.10
The Island Construction Limited	\$ 969,084.60

Route 4 – Albion Cross 2023 – March 23, 2023

Chapman Bros. Construction Limited	\$ 593,042.00
The Island Construction Limited	\$ 601,186.00

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 Barrett Street - Kensington	0.35	0.35	0.35			0.28	0.35			0.35
² Borden Lot Decommissioning										
³ Brookvale – Alpine Ski Park Parking Lot										
⁴ Miminegash Intersection Improvements										
⁵ Route 1 – Charlottetown (Upton ATT)	0.22						0.22			0.22
Route 2 – Brookfield Greenvale	2.38						2.38			2.38
Route 2 - Kensington	1.27	0.50				0.50	1.27	1.27		1.27
⁶ Route 6 – Cavendish AT Trail	0.03		0.30				0.30	0.30		0.30
Route 6 – North Rustico	1.80				1.80		1.80			1.80
Route 10 – Borden Carleton	0.925						0.925			0.925
Route 12 – Alberton/Central Kildare	0.875						0.875			0.875
Route 12 & 172 – Cascumpec	0.70	0.40	0.70			0.70	0.70	0.70		0.70
Route 13 - Brookvale	3.10				3.10		3.10			3.10
Route 20 – Kensington/ Malpeque	5.00						5.00			5.00
Route 27 -Cornwall	0.725						0.725			0.725
Route 109 - Newton	0.86						0.86			0.86
Route 133 – Ellerslie-Bideford	1.13						1.13			1.13
Route 152 & 153 – Montrose	0.08	0.08	0.08			0.08	0.08	0.08		0.08

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 226 – Darlington	0.14						0.14			0.14
Route 231 – Crapaud (Inkerman Road Storm Sewer)	0.30		0.30		0.30		0.30	0.30		0.30
Western Region Totals	19.885	1.33	1.73	0.00	5.20	1.56	20.155	2.65	0.00	19.825

Footnotes

¹ Involved the installation of storm sewer, concrete sidewalk and some roadway rehabilitation.

² Involved cold planing asphalt parking lot used for COVID testing, placing topsoil, and hydroseeding etc.

³ Involved fine grading and placing asphalt base and seal on Brookvale Ski Park Parking Lot. Total area 11,000m².

⁴ Involved installing curbed concrete islands to better define intersections in Miminegash.

⁵ Milled and placed asphalt seal in western half of Upton Road Roundabout and approximately 150 metres in southbound lane of Upton Road .

⁶ Replaced wooden boardwalk with storm sewer and paved active transportation trail.

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 - Hillsborough Bridge	0.25						0.25			
Route 1 – Stratford Roundabout	1.42	0.23	1.42		1.42	1.42	1.42	1.42		0.23
Route 1 – Mount Mellick	2.16				2.16		2.16			
Route 1 – Vernon Bridge	1.30				1.30		1.30			
Route 2 - Midgell	0.75				0.75		0.75			
Route 6 - Stanhope	3.33						3.33			
Route 15 – Brackley	4.50						4.50			
Route 21 – Pisquid West	2.00				2.00		2.00			
Aintree Dr - Stratford	0.10	0.10	0.10			0.10	0.10			0.10

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 16 & 16A – South Lake Intersection	0.40	0.15	0.15			0.15	0.40			
Route 313 – Greenwich AT Trail	8.20						8.20			
Eastern Region Totals:	24.41	0.48	1.67	0.00	7.63	1.67	24.41	1.42	0.00	0.33

Eastern Region - Miscellaneous Projects

Projects	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Breakwater Street Shoreline Protection - Souris	0.12									
Crowbush - Shoreline Protection Enhancement	0.30									
Morell School Student Dropoff - Morell	0.90	0.90	0.90			0.90	0.90			0.90
Carpool Parking Area – Pooles Corner	0.10	0.10	0.10							
Eastern Region Miscellaneous Projects Totals	1.42	1.00	1.00	0.00	0.00	0.90	0.90	0.00	0.00	0.90

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 212,000.31 tonnes of asphaltic concrete was produced in 2022. This included binder course, surface course, levelling course and maintenance mixes. Daily inspection was carried out at each of the seven plants to control the quality of the mix produced. A total of 450 asphalt mix samples were collected and analyzed for compliance with Department Specifications.

This resulted in a testing frequency of one test for every 471.11 tonnes of asphalt mix produced. A total of 57 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	332
Sieve Analysis Extractions	455
Specific Gravity	29
Soundness	17
Abrasion	9
Crush Count	9
Sand Equivalent	16
Flat & Elongated Particles	9
Uncompacted Voids Fine Aggregate	16
Micro-Deval	25

In addition, 5 Marshall mix designs were completed to determine aggregate proportions and optimum asphalt cement contents. Also, 20 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 two samples were tested.

Type of Test	Number of Tests
Specific Gravity	2
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 256 samples were processed during the year.

Type of Test	Number of Tests
Sieve Analysis	256
Moisture-Density	20
Compaction Test	1546
Specific Gravity	8

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 310 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 12 samples were obtained from one project. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 2 atterberg limit tests, 2 hydrometer analysis and 2 organic indicator tests were also completed.

Concrete

Testing and inspection services were provided for the following Projects:

- Route 152 & 153 – Montrose
- Elmira Road Intersection – South Lake
- Route 313 – Greenwich AT Trail
- Miminegash Intersection Improvements
- Route 231 – Crapaud
- Barrett Street – Kensington
- Route 1 – TCH Stratford Roundabout
- Vernon River Confederation Trail Bridge – Replacement
- Morel Bridge – Structure Replacement
- Grove Pine Bridge – Structure Replacement
- Milton Station Route 2 – Structure Replacement
- Warren Grove Road – Structure Replacement
- Lower Rollo Bay Road – Structure Replacement
- Morell Consolidated School
- North Enmore Bridge – Structure Replacement
- Little Harbor – Structure Replacement
- Wilmot River (Red) Bridge - Structure Rehabilitation
- Coleman Route 137 Bridge – Structure Replacement
- Bayview Bridge – Structure Replacement
- Pinette Slipway & Access Reconstruction

A total of 354 concrete test cylinders were tested for compressive strength. A total of 368 slump tests and 368 air content tests were performed. In addition, there were two sets of three mortar cubes.

Profilograph

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

BRIDGES

Bridge construction is shown in the Eastern and Western Regions Highway and Bridge Projects tables located elsewhere in this report.

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

Bridge	Work Completed
Route 2, Morell (K2-015)	Carry over work (complete structure replacement, asphalt)
Route 11, North Enmore (P2-038)	Structure replacement, asphalt
Route 6, Bayview (Q1-002)	Structure replacement
Route 137, Coleman (P1-010)	Design, tender, structure replacement, asphalt
Route 6, Rusticoville (Q2-024)	Design, tender
Route 11, Ox River (P2-035)	Design
Route 143, Coughlin Rd (P1-093)	Design
Route 105, Cabot Park (P3-009)	Design
Route 2, Cains (P1-003)	Prelim design
Route 4, Bridgetown (K3-008)	Prelim design
Route 2, West Devon (P2-046)	Prelim design
Route 12, Doyles (P1-036)	Prelim design
Maint Route 40184, Haywood Rd (P1-144)	Prelim design
Route 138, Alaska (P2-029)	Prelim design
Route 313, Southampton (K2-019)	Prelim design

Pre-cast Structure Purchase

The Department did not procure any precast concrete elements.

Timber Material Purchase

The Department did procure 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 258 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 6-year schedule rotating between the 3 counties inspecting approximately 190 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.
- Internal Bridge Crew – One internal crew is responsible for a variety of items related to the maintenance and upkeep of the highway structure network.

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.

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. Removal and replacement of signs due to hurricane Fiona increased workload and carried into the new year. 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 28 new signs manufactured for new clients and 31 signs that were damaged or faded were replaced. There were 17 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 143Km 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 119 kilometers of Collector Highways including approximately 19Km of new shoulders. Department crews also painted streets in the Cities of Charlottetown and Summerside, the Confederation Bridge and Parks Canada.

Global supply shortages and Hurricane Fiona created a challenge for painting, but all roads were able to be completed once during this season.

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.

New lighting was installed at the new roundabout in Stratford and along the approaches to the roundabout as well as the extended splitter island. 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.

Upgrades to the displaced left intersection were performed by Hansen Electric with assistance from Fortran Traffic Systems. As well, a permanent generator and automatic transfer switch were installed by Chandler Motor Repair Inc. at this intersection.

Repairs due to hurricane Fiona were extensive and required many hours of maintenance. Conditions are still occurring due to the damages caused by the storm.

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 Transportation Infrastructure and Energy. 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 1 patched for changes in regard to locations and 4 replaced due to faded or damaged. There were 43 signs removed due to no longer in system.

Highway Marking

Centerline marking was applied to approximately 825 km of existing highway by the centerline striping machine based in Charlottetown. Shoulder/Edge lines were painted on approximately 280 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 12 km of new construction which include left turn lane in Kensington Route 2 and left turn lane Cascumpeque Route 12 plus 50 km of maintenance recap and 10 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 and detours.

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 April 1, 2022 - March 31, 2023

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	24	36	81
Extruded signage	2	7	1
Public Road Names	173	34	104
Private Road Names	36	29	40
Regulation and Warning	1268	64	208
Route Assemblies	68	59	50
Community	28	27	16
Street Signs	25	1	5
TDS	34	57	68
Construction	122	2	0
Sub Total:	1780	316	573

Un-invoiced Signage within Department:

Signs sent to Charlottetown Stock	2203
Construction Signs sent to Charlottetown Stock	378

Specialty Signs within Department	134
Fiona Debris site signage	65
T.I. Decals	152
Indigenous Community Names	29
Project Boards (New Builds)	65
Public Works Name Plates	420
Other Signage	32
Sub Total:	3478

Invoiced Signage:

Other Departments	379
Public Works signs (and smaller vinyl stickers)	1959
TIE Maintenance	343
Public School Board	34
Rails To Trails	908
Rails To Trails Delineators	4956
Parks Canada	18
Municipalities	186
Construction	29
Other Companies	310
Sub Total:	9122

Prince County	1773
Queens County	316
Kings County	573
Un-invoiced signs	3478
Invoiced signs	9122
Total:	15262

MAPPING AND GEOGRAPHIC INFORMATION SYSTEM (GIS-T)

In the fiscal year of 2022/23, 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 project to improve the geometry of the digital centreline based on the 2020 aerial photography was completed this year. Besides the geometry, attributes such as lane number and surface type were reviewed and changed where needed on all road sections both provincial and non-provincial. This project required detailed and labour intensive work as all road sections required some sort of adjustment. The result however is a much improved, more accurate and more visually pleasing product. Further work will need to be done to re-create the route file based on the road geometry; and to adjust chainage values of intersections.

This year the GIS section was involved in various meetings to discuss creating a GIS layer of Road Access Classifications. This project, in collaboration with others, will represent the first time this important dataset will be mapped officially. At this stage the steps involved to conduct the project have been determined and it is anticipated that work will begin soon.

Work continued in support of the Department's highway pavement management system. Pavement roughness data for 2022 was formatted for incorporation into the system

2021 highway paving projects, highway alignment changes and new road construction changes were collected this year with an upgrade to the GPS. A receiver is now used which is connected via Bluetooth to a smart phone. On the smart phone, applications were developed to customize and streamline data collection. This new method is much improved as it eliminates cables, is easier to charge and sends data to the cloud rather than having the need to download.

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.		\$ 989,646.25

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			
400 mm			
500 mm			
600 mm			
800 mm			
900 mm			
1200 mm			
Total	0.00	0.00	0.00

Pipe Diameter	Central Region	Western Region	Eastern Region
Polyethylene	(Metres)	(Metres)	(Metres)
300 mm	27.43	57.90	109.00
375 mm	1,205.48	1,868.10	922.00
450 mm	1,581.30	1,234.40	602.00
525 mm	300.23		124.00
600 mm	429.77	633.95	344.00
750 mm	73.15	95.99	70.00
900 mm	24.38		58.00
1200 mm	204.22		12.00
1500 mm	54.86		
Total	3900.82	3890.34	2241.00

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	1618.49	1483.15	1024.00
Replacement	1889.76	1966.87	842.00
Extension	54.25	136.19	15.00
Cross Culvert	310.89	279.83	351.00
Confederation Trail	27.43	24.30	
Water Problems			
Relocate			9.00
Total	3900.82	3890.34	2241.00

*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 2022 – 2023, 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)

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 2022	
Brush Cutting	940.00 km
Culvert Replacing	848.00 m
Vegetation Control	444.00 km
Ditching	13,620.00 m

Painting of Handrails & Guardrails	0.096 km
Groom/Resurface	40.24 km

Schedule of Highway Maintenance Tenders Received

Project #8 – Asphalt Resurfacing 2022 (Broderick Rd, Mill St, Central St, Little Tignish Rd) April 7, 2022

Chapman Bros. Construction Ltd.	\$ 350,510.14
Curran & Briggs Ltd.	\$ 352,858.39

Project #9 – Asphalt Resurfacing 2022 (Hamilton Rd, Cheese Factory Rd, County Line Rd Margate) – April 7, 2022

Curran & Briggs Ltd.	\$ 369,553.14
Island Construction Ltd.	\$ 386,552.64

Project #10 – Asphalt Resurfacing 2022 (Richard Point Rd, Nelson St.) April 7, 2022

Curran & Briggs Ltd.	\$ 339,393.26
Chapman Bros. Construction Ltd.	\$ 364,515.76

Project #11 – Asphalt Resurfacing 2022 (North York River Rd, Rte 225, Millboro Rd, Loyalist Rd) – April 7, 2022

Chapman Bros. Construction Ltd.	\$ 614,688.52
Island Construction Ltd.	\$ 617,844.77

Project #12 – Asphalt Resurfacing (Queens Rd, Comptons Rd) April 7, 2022, Prestige Rd) – April 23, 2022

Island Construction Ltd.	\$ 126,422.38
Chapman Bros. Construction Ltd.	\$ 130,684.48

Project #13 – Asphalt Resurfacing 2022 (MacInnis Rd, Gladstone Rd, Horton Ln, Floating Bridge Rd, St. Marys Rd East) – April 7, 2022

Island Construction Ltd.	\$ 462,769.32
Chapman Bros. Construction Ltd.	\$ 472,198.52

Project #14 – Asphalt Resurfacing 2022 (Northside Rd, St. Catherines Rd) April 7, 2022

Chapman Bros. Construction Ltd.	\$ 257,054.76
Island Construction Ltd.	\$ 261,331.76

Project #15 – Asphalt Resurfacing (Fortune Cove Rd, O'Hallaran Rd, Kelly Rd, Mill Rd) – April 21, 2022

Chapman Bros. Construction Ltd.	\$ 444,973.20
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Project #16 – Asphalt Resurfacing (Higgins Rd, Hackmattack Rd, Rte 11 Cape Egmont,
Rte 11 St. Nicolas) – April 21, 2022

Curran & Briggs Ltd.	\$	279,002.46
Chapman Bros. Construction Ltd.	\$	295,923.76

Project #17 – Asphalt Resurfacing 2022 (Rattenbury Rd, Millvale Rd, Inkerman Rd)
April 21, 2022, (Riverdale Rd) – April 23, 2022

Chapman Bros. Construction Ltd.	\$	463,898.00
Island Construction Ltd.	\$	466,454.40

Project #18 – Asphalt Resurfacing 2022 (Pleasant Dr., Cornerstone Dr., Fulton Dr,
Nevin Ln, Kerri Dr, Krista Dr, Brookside Dr) – April 21, 2022

Island Construction Ltd.	\$	247,711.76
Chapman Bros. Construction Ltd.	\$	261,201.76

Project #19 – Asphalt Resurfacing 2022 (Friston Rd) – April 21, 2022

Island Construction Ltd.	\$	315,842.86
Chapman Bros. Construction Ltd.	\$	322,174.56

Project #20 – Asphalt Resurfacing 2022 (Savage Harbour Rd, Cottage Rd, Bangor Rd,
Dingwell Rd, Milburn Rd) – April 21, 2022

Chapman Bros. Construction Ltd.	\$	469,410.40
Island Construction Ltd.	\$	482,668.50

Project #21 – Asphalt Resurfacing 2022 (48 Rd, Newtown Rd, Millview Rd,
Vernon River Rd, Roseberry Rd) – April 21, 2022

Island Construction Ltd.	\$	605,139.92
Chapman Bros. Construction Ltd.	\$	606,825.12

Project #22 – Asphalt Resurfacing 2022 (Hamilton Rd, Dystant Rd, Lidstone Ln)–
May 19, 2022

Chapman Bros. Construction Ltd.	\$	275,157.26
Curran & Briggs Ltd.	\$	283,654.06

Project #23 – Asphalt Resurfacing 2022 (Belmont Rd, Linkletter Rd) – May 19, 2022

Curran & Briggs Ltd.	\$	458,830.20
Chapman Bros. Construction Ltd.	\$	469,197.20

Project #24 – Asphalt Resurfacing 2022 (West River Rd, Westville Rd) – May 19, 2022

Chapman Bros. Construction Ltd.	\$	249,372.76
Island Construction Ltd.	\$	250,490.76

<u>Project #25 – Asphalt Resurfacing 2022 (Lower Mason Rd, MacDonald Rd, Orchard Rd, Elizabeth Dr, Jane St, Jenkins Rd, Jones Rd) – May 19, 2022</u>	
Island Construction Ltd.	\$ 454,985.63
Chapman Bros. Construction Ltd.	\$ 462,926.08
 <u>Project #26 – Asphalt Resurfacing 2022 (Albion Rd, St. Charles North, Souris River Rd, Annandale Rd)– May 19, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 663,785.08
Island Construction Ltd.	\$ 670,120.08
 <u>Project #27 – Asphalt Resurfacing 2022 (O’Roarke Rd, Mill River East Rd) – June 2, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 243,424.32
Curran & Briggs Ltd.	\$ 247,333.32
 <u>Project #28 – Asphalt Resurfacing 2022 (Sunset Cr, Walker Dr, Hillside Dr, Commercial St East, Linwood Dr) – June 2, 2022</u>	
Curran & Briggs Ltd.	\$ 233,887.16
Chapman Bros. Construction Ltd.	\$ 235,634.76
 <u>Project #29 – Asphalt Resurfacing 2022 (Schurmans Pt Rd, Dunk River Rd, County Line Rd Shamrock) – June 2, 2022</u>	
Curran & Briggs Ltd.	\$ 404,877.14
Chapman Bros. Construction Ltd.	\$ 409,800.64
 <u>Project #30 – Asphalt Resurfacing 2022 (New Glasgow Rd) – June 2, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 587,817.20
Island Construction Ltd.	\$ 597,982.20
 <u>Project #31 – Asphalt Resurfacing 2022 (Riverside Dr, Baldwins Rd, Greenfield Rd, Martinvale Rd) – June 2, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 758,111.52
Island Construction Ltd.	\$ 769,746.52
 <u>Project #32 – Asphalt Resurfacing 2022 (St. Patricks Rd) June 2, 2022</u>	
Island Construction Ltd.	\$ 304,680.76
Chapman Bros. Construction Ltd.	\$ 310,307.76
 <u>Project #33 – Asphalt Resurfacing 2022 (Dock Rd, Rte 14 Campbellton, Rte 14 Nail Pond) – August 16, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 432,418.64
Curran & Briggs Ltd.	\$ 437,002.94

<u>Project #34 – Asphalt Resurfacing 2022 (Cascumpec Rd) – August 16, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 196,772.88
Curran & Briggs Ltd.	\$ 200,012.88
 <u>Project #35 – Asphalt Resurfacing 2022 (Rte 12 Freeland, Rte 14 West Point, Cedar Dunes Park) – August 16, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 413,728.64
Curran & Briggs Ltd.	\$ 421,031.64
 <u>Project #36 – Asphalt Resurfacing (Richards Rd, Allen Rd, Taddy Rd) – August 16, 2022</u>	
Curran & Briggs Ltd.	\$ 368,513.04
Chapman Bros. Construction Ltd.	\$ 272,943.64
 <u>Project #37 – Asphalt Resurfacing (Inkerman Rd, Chelton Rd) – August 16, 2022</u>	
Curran & Briggs Ltd.	\$ 422,243.44
Chapman Bros. Construction Ltd.	\$ 429,708.64
 <u>Project #38 – Asphalt Resurfacing (Rte 103 Baltic, Rte 20 French River, County Line Rd Darnley, Murphy Rd) – August 16, 2022</u>	
Curran & Briggs	\$ 525,095.24
Island Construction Ltd.	\$ 531,447.19
Chapman Bros. Construction Ltd.	\$ 538,558.64
 <u>Project #39 – Asphalt Resurfacing 2022 (Point Prim Rd) – August 16, 2022</u>	
Island Construction Ltd.	\$ 326,063.93
Chapman Bros. Construction Ltd.	\$ 337,067.88
 <u>Project #40 – Road Construction (Rte 17) – August 16, 2022</u>	
Island Construction Ltd.	\$ 1,203,473.00
Chapman Bros. Construction Ltd.	\$ 1,214,148.00
 <u>Project #41 Asphalt Resurfacing 2022 (Moar Rd Georgetown) – August 16, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 233,910.65
Island Construction Ltd.	\$ 240,171.14
 <u>Project #42 – Asphalt Resurfacing 2022 (Chaisson Rd, Rte 310 Fortune, Munns Rd, Goose River Rd) – August 16, ,2022</u>	
Chapman Bros. Construction Ltd.	\$ 465,258.64
Island Construction Ltd.	\$ 474,511.74
 <u>Project #43 – Asphalt Resurfacing 2022 (Ferry Rd, Darrach Rd, West River Rd) – August 31, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 740,238.64
Island Construction Ltd.	\$ 742,711.64

<u>Project #44 – Asphalt Resurfacing 2022 (Sleepy Hollow Rd, Millcove Rd, Parsons Creek Dr., MacLauchlan Highlands) – August 31, 2022</u>	
Island Construction Ltd.	\$ 559,838.52
Chapman Bros Construction Ltd.	\$ 563,666.52
 <u>Project #45 – Asphalt Resurfacing 2022 (MacKinnon Point Rd, Rte 323, MacKay Rd, Lot 40 Rd) – August 31, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 332,877.20
Island Construction Ltd.	\$ 339,642.20
 <u>Project #46 – Asphalt Resurfacing (Sparrows Rd, Robertson Rd, Line Rd) August 31, 2022</u>	
Chapman Bros. Construction Ltd.	\$ 491,719.02
Island Construction Ltd.	\$ 493,411.52
 <u>Project #47 – Asphalt Resurfacing (Rte 324 Peters Rd, Greys Rd) August 31, 2022</u>	
Island Construction Ltd.	\$ 266,000.14
Chapman Bros. Construction Ltd.	\$ 267,733.64
 <u>Project #48 – Asphalt Resurfacing 2022 (Argus St, MacCormack Rd, Comptons Rd) September 22, 2022</u>	
Curran & Briggs	\$ 523,508.20
Chapman Bros. Construction Ltd.	\$ 529,047.20
 <u>Project #49 – Asphalt Resurfacing 2022 (Harbourview Dr, Wigmore Rd, Smith Rd, Breadalbane Rd, Peters Rd) – September 22, 2022</u>	
Island Construction Ltd.	\$ 574,998.64
Chapman Bros. Construction Ltd.	\$ 578,537.64
 <u>Project #50 – Asphalt Resurfacing 2022 (Quiet Water Dr, Bellvue Dr, Bethel Rd, Robertson Rd, Avondale Rd, Drake Rd) – September 22, 2022</u>	
Island Construction Ltd.	\$ 565,114.52
Chapman Bros. Construction Ltd.	\$ 573,171.52
 <u>Project #1 – Asphalt Resurfacing 2023 (Norway Rd, Mill Rd, Haliburton Rd, Hamilton Rd) – March 9, 2023</u>	
Chapman Bros. Construction Ltd.	\$ 520,638.64
Curran & Briggs Ltd.	\$ 526,343.04
 <u>Project #2 – Asphalt Resurfacing 2023 (Cape Egmont, Fourth St, Fifth St, Slemon Park Dr, Parkway Dr, Murray Rd) – March 9, 2023</u>	
Curran & Briggs Ltd.	\$ 441,358.00
Chapman Bros. Construction Ltd.	\$ 450,070.20

Project #3 – Asphalt Resurfacing 2023 (Mill Rd, Smith Rd, Inkerman Rd) –
March 9, 2023

Curran & Briggs Ltd.	\$ 670,913.77
Chapman Bros. Construction Ltd.	\$ 676,033.00
Island Construction Ltd.	\$ 698,247.25

Project #4 – Asphalt Resurfacing 2023 (Loyalist Rd, Rte 225 – Hampshire) –
March 9, 2023

Chapman Bros. Construction Ltd	\$ 265,305.76
Island Construction Ltd.	\$ 273,482.56

Project #5 – Asphalt Resurfacing 2023 (Baldwins Rd, Martinvale Rd)– March 9, 2023

Chapman Bros. Construction Ltd.	\$ 467,804.00
Island Construction Ltd.	\$ 485,634.70

Project #6 – Asphalt Resurfacing 2023 (Valleyfield Rd, Whim Rd, Greenfield Rd,
Iona Rd) – March 9, 2023

Island Construction Ltd.	\$ 585,315.83
Chapman Bros. Construction Ltd.	\$ 592,205.08

Project #7 – Asphalt Resurfacing 2023 (Line Rd, Pembroke Rd, St. Marys Rd,
Peters Rd) – March 9, 2023

Chapman Bros Construction Ltd.	\$ 525,360.08
Island Construction Ltd.	\$ 526,352.43

Project #8 – Asphalt Resurfacing 2023 (France Rd, Rollo Bay Rd, MacAskill River Rd) –
March 9, 2023

Chapman Bros. Construction Ltd.	\$ 376,990.76
Island Construction Ltd.	\$ 385,492.31

Project #9 – Asphalt Resurfacing 2023 (Woodside Rd, Harding Creek Rd) –
March 16, 2023

Curran Briggs Ltd.	\$ 458,700.64
Chapman Bros Construction Ltd.	\$ 465,068.64

Project #10 – Asphalt Resurfacing 2023 (West River Rd, Osprey Ave, Primrose Dr.,
Waterview Dr) – March 16, 2023

Island Construction Ltd.	\$ 477,965.76
Chapman Bros. Construction Ltd.	\$ 481,655.76
M&M Resources	\$ 476,785.76

Project #11 – Asphalt Resurfacing 2023 (Pleasant Grove Rd) – March 16, 2023

Island Construction Ltd.	\$ 611,757.20
Chapman Bros. Construction Ltd.	\$ 621,467.20

Project #12 – Asphalt Resurfacing 2023 (Rogerson Cres, Aintree Dr, Pinehill Dr, St. Catherines Ave, Kennedy Rd) – March 16, 2023

M&M Resources	\$ 228,703.26
Island Construction Ltd.	\$ 235,423.26
Chapman Bros. Construction Ltd.	\$ 241,345.76

Project #13 – Asphalt Resurfacing 2023 (Fort Augustus Rd, Glen Finnan Point Rd)– March 16, 2023

Island Construction Ltd.	\$ 549,831.14
Chapman Bros. Construction Ltd.	\$ 563,928.64

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 **41,152.45** 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 **1,927.02** tonnes. Private contractors supplied/placed **39,225.44** tonnes of asphalt over **44.145** kilometres.

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

Supplier	Tonnes
Island Construction	15,083.90
Chapman Brothers	26,068.55

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 44.145 kilometres.

Kings Zone K–1

Kings Zone K–2

Road Name	Kilometres		Road Name	Kilometres
Souris River Rd	1.393		Dingwell Rd	0.506
St. Catherines Rd	1.537		St. Peters Village Rte 16	0.904
St. Charles Rd North	1.359		Bangor Rd	0.807
Chaisson Rd	0.422		Green Meadows Rd	1.006
Rte 310 Fortune	1.049		St. Patricks Rd	1.350
Munns Rd	1.204		Milburn Rd	0.925

Road Name	Kilometres		Road Name	Kilometres
Goose River	0.684		MacKinnon Point Rd	1.203
			Route 323	0.712
			MacKay Rd	0.450
			Lot 40 Rd	0.152
Total Kms	7.648		Total Kms	8.015

Kings Zone K-3

Kings Zone K-4

Road Name	Kilometres		Road Name	Kilometres
Annandale Rd	1.641		St. Marys Rd E	1.027
Albion Rd	1.019		Comptons Rd	0.196
Shore Rd – Cardigan	0.904		Line Rd	1.500
Baldwins Rd	1.413		Route 17 Lower Montague NBCF Lower Montague Rd to Thornton Rd	1.004
Pleasant St – Cardigan	0.405		Route 17 Lower Montague shoulders – Lower Montague Rd	2.130
Baldwins Rd	1.413		Route 17 Lower Montague Shoulders – Thornton Rd Jack Westway Rd	3.079
Martinvale Rd	1.100		St. Andrews Point Rd	0.615
Moar Rd Georgetown	0.833		Horton Ln	0.147
Queens Rd	1.000		Floating Bridge Rd	0.701
Greenfield Rd	0.282		MacInnis St	1.144
Queens Rd	0.989		Gladstone Rd	1.041
Sparrows Rd	1.400		Greys Rd	1.000
Robertson Rd	1.522		Route 324 Alliston	0.999
Baldwins Rd	1.300		Maple St	0.091
Total Kms	15.221		Total Kms	14.674

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately **615.95** 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 **1484** 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)
5,112.00	1,1173.75	119.75

Sandstone and/or gravel was placed as a new surface material and new culverts, driveway or cross pipes were installed as required.

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

Guardrail and Roadside Maintenance

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

Grass Cutting

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

Shoulder Material

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

Dust Control

Maintenance crews used **165** 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 **92,330** litres was used to treat approximately **107.8** 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

	In Kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bear River Rd (St. Margarets)					0.15		
Glen Rd			0.36				
Johnston Rd		0.81					
MacAulay Rd (North Side)		0.81					
Old Greenvale Rd							
Totals	0.00	0.162	0.36	0.00	0.15	0.00	0.00

Kings Zone K–2 Eastern Region – Maintenance Activities

	In Kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Anderson Rd	0.35	0.05					
Bangor Rd	0.05	0.80		0.80			
Barr Rd	0.10						
Barry Rd		0.06					
Brothers Rd		0.03					0.25
Captain's Ln		0.04					
Cemetery Rd		0.20					
Windon Rd							
Totals	0.50	1.18	0.00	0.80	0.00	0.00	0.25

Kings Zone K–3 Eastern Region – Maintenance Activities

	In Kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Green St		0.80					
Greenfield Rd				0.30			
Moar Rd				0.80			
Morrisons Beach Rd							
Shore Rd				0.40			

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
South DeGros Marsh Rd		0.40					
Walsh Rd		0.10	0.10				
Woodville Rd							1.00
Totals	0.00	1.30	0.10	1.50	0.00	0.00	1.00

Kings Zone K-4N Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Angus Ln							0.20
Brudenell Point Rd					0.10		
Commercial Rd				0.90			
Compton Rd		0.50					
County Line Rd					0.20		
French Creek Rd							0.50
Heatherdale Rd (Route 316)				0.30			
Jack Westaway Rd							0.50
Kilmuir Rd (Route 316)							1.00
Lloyd Westaway Rd							0.50
Loane Rd				0.20			
Lower Montague Rd							2.00
Nicholson Rd		0.20					
Peardon Rd				0.20	0.10		0.30
Queens Rd				0.50			
Robertson Rd							1.00
Roma Point Rd					0.50		
St. Andrews Point Rd							0.50
Sturgeon Rd (Route 017)				1.00			1.00
Valleyfield Rd				0.50			1.00
Whim Rd				0.60	0.20		
Wood Islands Rd							0.50
Totals	0.00	0.70	0.00	4.20	1.10	0.00	9.00

Kings Zone K-4S Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Abney Rd							
Beach Rd							
Billy MacDonald Rd	0.30		0.30		0.30		
Black Brook Rd							
Blue's Rd	0.10						
Brian's Rd							1.00
Brooklyn Rd							1.00
Buell Rd		0.10					
Caledonia				0.50			
Cambridge Rd				0.50			1.00
Cape Bear Rd							2.50
Commercial Rd				0.80			
Compton Rd							
County Line Rd		0.50			0.20		
Floating Bridge Rd							
Fox River Rd							1.00
Girl Guide Camp Rd		0.50					
Gladstone Rd		0.60			0.50		
Grey's Rd		0.50			0.10		
Guernsey Cove Rd				0.20			
Livingstone Rd			0.10				0.50
Machon Point Rd							0.50
MacFarlane Rd		0.10					
MacPherson Rd							0.10
Milltown Cross							0.20
Norman's Rd							0.30
Peter's Rd (Alliston)				0.30			0.50
Peter's Rd				0.20			0.50
Richard's Rd		0.20					
Riverside Dr		0.10					
St. Mary's Rd				0.50			1.00
Totals	0.40	2.60	0.40	3.00	1.10	0.00	10.10

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 **6,990.84** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased **1,249.23** tonnes of salt to blend with its winter sand. The Region purchased **28,594.40** 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 Rd	169
Dingwell Mills	170

Snow Fence Report

The Department installed approximately **920** 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	219.27
G & P Trucking	154.45
Kenny MacLeod	106.33
Kings County Construction Ltd.	136.38
Total	616.43

The Department was responsible for plowing, sanding and salting 555 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 Rd	28.02				Tandem Combination
St. Teresa's	28.52				4x4
Bridgetown	28.30				Tandem Combination
Annandale	31.63				4x4 Plow & Wing
Cardigan & Bango Rd	29.00				Tandem Combination
St. Georges	41.80				Tandem Combination
Montague	8.20				Tandem Combination
Murray River	9.20				Loader
Georgetown to Cherry Valley	32.40				Tandem Combination
Dingwell Mills to Red Point	28.00				Tandem
Guernsey Cove	28.20				Grader Plow & Wing
Hopefield	24.10				4x4
Gaspereaux	39.80				Tandem
Souris (includes streets salted)	32.50				Tandem Combination
Cardigan (includes areas sanded)	22.90				Tandem Combination
Murray River (streets)	9.13			1	Tandem Combination
Totals	451.90	0	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 **49,375.69** 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 **2,184.47** tonnes. Private contractors supplied/placed **47,191.22** tonnes of asphalt over **54.774** kilometres.

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

Supplier	Tonnes
Island Construction	24,550.26
Chapman Brothers	21,847.08
Curran & Briggs	2,761.68
M&M Resources	216.67

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 54.774 kilometres.

Queens Zone Q-1

Queens Zone Q-2

Road Name	Kilometres		Road Name	Kilometres
Jones Rd	0.447		Lower Mason Rd	0.603
Millview Rd	0.712		East River Dr (from Mason Rd to MacDonald Dr)	0.467
48 Rd	1.003		Jane Cr	0.234
Drake Rd	1.065		Elizabeth Cr	0.234
Robertson Rd	0.371		Orchard Dr	0.462
Bethel Rd	0.926		Bellevue Rd	0.832
Avondale Rd	1.035		Glencove Dr	1.150
Newtown Rd	1.005		Carrington Rd	0.258
Vernon River Rd	1.127		Keppoch Rd	0.795
Roseberry Rd	0.901		Kinlock Rd (from Stratford Rd to Westgate)	0.450
Point Prim Rd	2.504		Hillview Dr	0.490
			Quiet Water Rd	0.202
			MacLauchlan Dr	0.339
			Browns Dr	0.253
			Savage Harbour Rd	1.000
			Cottage Rd – Savage Harbour	0.287
			Jenkins Rd	1.000
			Friston Rd	1.364
			Jenkins Rd	1.059
			Millcove Rd	0.608
			Murchison Ln	0.551
Total Kms	11.096		Total Kms	12.638

Queens Zone Q–3**Queens Zone Q–4**

Road Name	Kilometres		Road Name	Kilometres
North York River Rd	0.900		Parsons Creek Dr	0.266
Loyalist Rd	0.879		MacLaughlan Highlands	0.440
Route 225	1.088		Millboro Rd	0.926
North York River Rd	2.036		New Glasgow Rd	2.023
Peters Rd – BU	0.426		Sleepy Hollow Rd	2.000
Brookside Dr	0.379		Route 224 St Marys Rd	1.102
Kerri Dr	0.337		Millvale Rd	0.299
Nevin Ln	0.256		Millvale Rd	1.052
Krista Ln	0.180		Wigmore Rd	0.750
Cornerstone Dr	0.164		Harbourview Dr	1.050
Fulton Dr	0.326		Smith Rd	0.762
Pleasant Dr	0.273		Mathesons Ln	0.250
Ferry Rd	1.200		French River Route 20	0.863
Route 19 – Desable	1.036			
West River Rd	0.957			
Westville Rd	1.044			
Darrach Rd	0.943			
West River Rd – BU	0.500			
Inkerman Rd	1.000			
Rattenbury Rd	1.296			
Breadalbane Rd –BU	0.830			
Nelson St	1.017			
Inkerman Rd	2.190			
Total Kms	19.257		Total Kms	11.783

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)
	102.30	0	1,196.2	0	1,321.21

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required.

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

Guardrail and Roadside Maintenance

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

Grass Cutting

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

Shoulder Material

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

Dust Control

Maintenance crews used 50 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 152,568 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 Rd – Route 5				2 .00	0.1 0		10.00
Avondale Rd – Route 216		0.80		1.00	1.00		7.00
Beechill Rd							3.00
Bethel Rd –Route 215							8.00
Big Point Rd							5.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Brazel Rd			0.50	0.50			
Brooklyn Rd – Route 317				1.30	1.30		1.50
Byis Ln – Route 255							3.00
Camp Buchan Rd							1.00
Camp Rd – Route 261							5.00
Cape Breton Rd – Route 257							3.00
Cape Breton Rd Ext							4.00
China Point Rd – Route 268							8.00
Clow Rd					1.00		5.00
Colville Rd – Route 205				1.00	1.00		
Cook Rd							1.00
County Line Rd	0.10				1.00		
County Line Rd – Route 325					1.00		1.00
Crawfords Rd				0.50			
Crown Point Rd			0.50	0.50			1.60
Culloden Rd – Route 203							3.00
Dan Comptons Rd							0.60
Donagh Rd – Route 257		0.70					3.00
Dougan Rd							8.00
Dromore Rd – Route 214		1.20					
Dundee Rd – Route 325				2.00	1.00		
Dykermann Rd							4.00
Earnscliffe Rd – Route 267							6.00
East Uigg Rd	0.10			2.00			
Fairville Rd	0.10						2.00
Frank Rd							1.30
Gairloch Rd – Route 204							6.00
Garfield Rd – Route 207							8.00
Garland Rd							1.00
Gascoigne Rd							2.00
Gay Rd							2.00
Gillis Rd					1.50		
Glashvin Rd							2.00
Glencoe Rd – Route 212							4.00
Greys Rd – Route 201							7.00
Halliday Rd							2.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Henry Rd							1.00
Hermitage Rd							2.00
Higgins Rd							2.00
High Bridge Rd			0.20				3.00
High Rd			0.50				
Hon J Angus MacLean Rd-Route 204	0.20						6.00
Horton Ln							1.20
Iona Rd – Route 206							7.00
Irving Rd							2.00
Jacks Rd			0.50				
Joeys Rd							1.20
Jones Rd							1.20
Kinlock Rd							2.00
Kinross Rd – Route 210							1.80
Klondike Rd							4.00
Klondyke Rd – Route 205							2.20
MacAulays Wharf Rd	0.10						3.00
MacLeod Rd (50197)		0.30					
MacLeod Rd (50199)							0.80
McKenna Rd							1.00
Millview Rd							2.00
Monaghan Rd – Route 213							8.00
Mooney Rd – Route 257							4.00
Murray Harbour Rd – Route 24							12.00
New Cove Rd							3.00
Newton Rd – Route 211							6.00
Old Bob Laird Rd							2.00
Old Cardigan Rd							3.00
Patucket Rd		0.20		0.20			
Penn Point Rd							2.00
Pinette Rd							4.00
Pioneer Cemetery Rd (50283)							1.00
Point Prim Rd – Route 209							11.00
Polly Hill Rd							0.50
Ponds Rd							2.00
Power Rd			0.50				3.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Pownal Rd – Route 26							6.00
Queens Rd – Route 210							3.00
Riverview Cr (50302)							1.30
Robbins Rd							1.00
Robertson Rd							3.00
Rona Hill Rd							0.50
Roseberry Rd – Route 208							6.00
RTE 3							10.00
Ryans Rd							3.00
Scentia Rd							2.00
Seal River Rd (50313)					0.60		3.00
Selkirk Park Rd							0.80
Selkirk Rd – Route 23							10.00
Settlement Rd – Rte 259				1.00			
Silver Waters Dr							0.60
Simpson Ln – Route 255							3.00
South Montague Rd – Route 353							2.00
Stewart Point Rd							2.00
Stewart Rd – Route 207							2.00
Tally Rd							3.00
Tarantum Rd – Route 215							4.00
Trans Canada Hwy – RTE 1							8.00
Uigg Rd				1.00	1.00		
Valleyfield Rd – Route 326							3.00
Vernon River Rd – Route 212							3.00
Village Green Rd – Route 272							5.00
Waterside Rd (50378)							1.00
Waterside Rd (74004)		1.00					1.00
Whites Rd							3.00
Whittlesey Ln		0.40					0.40
Wood Islands Rd – Route 315							12.00
Totals	0.60	4.60	2.70	13.00	10.50	0	336.50

Queens 2 – Central Region – Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Afton Rd				1.20	1.20		3.00
Allisary Creek Ln							2.00
Anderson Rd – Route 271							5.00
Beach Rd		0.40	0.40	0.50			0.50
Blooming Point Rd – Route 218							6.00
Campbell Rd		0.25	0.25	0.25	0.25		
City View Dr					0.75		
Creekside Dr					0.10		
Donaldston Rd – Route 219							5.00
Dougan Rd – Route 229	1.00		1.00	1.50	1.50		1.50
East Suffolk Rd – Route 229			0.50		0.50		
Eastern Rd – Route 6							3.00
Five Houses Rd – Route 213	0.40		0.40	0.40	0.40		1.00
Fort Augustus Rd – Route 21				1.20	0.20		4.00
Frenchfort Rd – Route 260	0.35			1.00	1.00		
Hickeys Wharf Rd	0.40		0.40		0.60		
Lower Marshfield Rd							0.50
MacGillivray Rd							0.80
MacKinnon Point Rd – Route 214	0.60		0.60				
Old Bedford Rd		0.40			0.40		0.40
Queens Point Rd							2.00
Reg McInnis Rd							1.50
Savage Harbour Rd – Route 218							2.50
St. Peters Rd							15.00
St Peters Rd – Route 2					0.15		
Suffolk Rd – Route 222							3.00
Trans Canada Hwy – Route 1							4.00
Watts Rd							2.00
Totals	2.75	1.05	3.55	6.05	7.05	0	62.70

Queens 3 – Central Region – Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Alton MacLean Rd			0.10				
Bannockburn Rd – Route 247				0.60			
Black Creek Rd			0.30	0.30	0.30		
Bonshaw Rd							4.00
Canoe Cove Rd – Route 19a							3.00
Charles Ln				0.20	0.20		0.20
County Line Rd – Route 232	1.20	1.20					
Darrach Rd							1.20
Eliot River Rd – Route 249	0.10	0.10	0.20	5.00	0.40		5.00
Fredericton Station Rd – Route 264	1.20	1.20	1.20				
Hennebury Rd	0.03				0.20		
Highland Park Rd				0.10			
Kingston Rd – Route 235				1.50			
Linwood Rd							0.30
Long Creek Rd – Route 19A							3.00
Maplewood Rd – Route 246	1.10	1.10					
Nine Mile Creek Rd							4.00
North York River Rd – Route 246							4.00
Peters Rd – Route 244							7.00
Riverdale Rd – Route 245							5.50
Route 2							9.00
Route 225				1.50	0.80		
Sandy Point Rd				2.00			
York Point Rd (24802)							3.00
York Point Rd (72070)							3.00
Totals	3.63	3.60	1.80	11.20	1.90	0.00	52.20

Queens 4 – Central Region – Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bagnall Rd							1.00
Black River Rd – Route 6		0.50		1.00			1.00

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bumble Bee Rd							1.50
Campbellton Rd – Route 238				1.50	1.40		2.00
Cape Rd (50052)	0.20		0.20				
Cape Rd (50053)				1.00			1.00
Cavendish Rd – Route 6							2.50
Church Rd – Route 243		0.50		2.00			2.00
Eddie Murphy Rd				0.23			1.00
English Church Rd – Route 234				0.65			2.00
Fountain Rd – Route 238				2.00			1.00
George Adams Rd				0.90			
Grahams Rd – Route 8				1.00			2.00
Howatt Rd – Route 263		0.30		0.32			
Irishtown Rd – Route 101							2.50
John Murphy Rd				1.10			
Kentyre Rd – Route 250				1.00			1.00
Kilkenny Rd – Route 250				0.30			1.00
Line Rd – Route 269		0.50		1.60			1.00
Long River Rd – Route 262				1.00			1.00
MacInnis Rd				0.20			
MacLauchlan Rd – Route 252		1.00		1.10			1.00
Millman Rd				0.25			
Millvale Rd – Re 231							2.50
New Orleans Rd – Route 239	0.20			1.10			1.00
Parker Cross Rd				0.25			
Princetown Rd				1.40			1.00
Route 103							8.00
Route 20							3.00
Route 258							0.50
Smith Rd – Route 230		0.20		0.20			
Snowie Rd				1.30			
Stead Rd	0.30	1.00		2.50			
Warburton Rd							2.00
Winsloe Rd – Route 223							1.00
Totals	0.70	4.00	0.00	23.90	1.40	0.00	43.50

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 24,174.52 salt purchased for salt-only and 50/50 mix for ice control. The region purchased 1,891 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 six sites throughout the Region. 31,530 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 one sanding contractor using department installed hoppers and spreaders.

City of Charlottetown

The City of Charlottetown purchased 8,586.75 tonnes of salt and 21.01 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	196.3
Wood Islands	172.0

Snow Fence Report

The Department installed approximately 500 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 fourth year of a seven-year contract with private contractors.

Contractor	Kilometres Plowed
Island Coastal East	236.84
Birt & MacKay Ltd.	104.93
M & M Resources	165.10
Island Construction	236.84
Maritime Construction	119.57
Matheson Construction	146.67
Matheson & MacMillan	93.45
Westisle Construction	152.28
Total	1,255.68

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	29.00				2
St. Peters Rd, Charlottetown to Canavoy	31.40				1
TCH East Charlottetown – Eldon	35.40				1
TCH Eldon – Wood Islands & 2 of Selkirk Rd	37.10				1
By-Pass Charlottetown	17.40				1
Charlottetown Route 2 – Summerfield	35.10				2
Route 225 & Colville Rd	35.40				1
Route 235 & 13	33.20				1
Rustico Rd, Cavendish Rd	29.50				1
Cornwall	17.20	1		1	
Meadowbank, Main St, Cornwall and Upton Rd	30.90	1			
Murray Harbour, Kinross & Selkirk Rd	19.30				1
Ebenezer, Mayfield and Rennies Rd	25.80				1 4X4
Rustico	23.10			1	1
Cornwall	17.20				1
Meadowbank, Main St, Cornwall and Upton Rd	30.90				1
Stratford Rd & Bunbury	52.30				3
Murray Harbour, Kinross Rd and Selkirk Rd	19.30				1
Ft. Augustus Rd to Pisquid	20.70				1-4x4
Hillsborough Bridge, Kinlock Rd	8.00				1

Location	Kms	Graders	Blowers	Loaders	Truck
intersections and Government buildings (salt)					
Charlottetown Mains	29.40				2
Pownal, Crossroads, Stratford & Keppoch	32.50				1
Garage parking lots (Tractor/Blade used)					
Government building lots				2	1
York Rd to Pleasant Grove, Vessey Subdivision	11.70				1
Brackley Point, Portage and Union Rd	36.50				1–4x4
Bedford Rd, Eastern, Black River & section of York Rd	27.30				1–4x4
By–Pass	17.40				2
Central Region (used where needed)			4		
Spares		3		2	3
Totals	703.00	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 Rd	1.00		Waterview Rd	0.88
Rte 10 – North Carleton	1.00		Rte 103 – Baltic	2.22

Road Name	Kilometres		Road Name	Kilometres
Rte 10 – Augustine Cove	1.35		Irishtown Rd	1.13
Fernwood Rd	1.61		Lyle Rd	0.80
Dunk River Rd	0.77		Rte 12 – Central Lot 16	1.30
Reid St	0.24		Rte 11 – Egmont Bay	1.13
Victoria Rd	0.78		Mill Rd	0.65
Norring Rd	0.91		Farm Ln	0.33
Bells Point Rd	0.99		Gillis St	0.15
Newton Rd	0.78		Monaghan Ave	0.15
Wagh Rd	0.59		Rte 11 – Abrams Village	0.33
Nodd Rd	0.61		St. Raphael Rd	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 Rd	1.00		Lewis Rd	0.80
MacArthur Rd	1.16		Cheese Factory Rd	1.11
Moores Rd	0.10		Duvar Rd	1.08
Richard Rd	0.06		Sou'West Rd	1.25
Rte 142 – Knutsford	1.00		Mill Rd	1.00
Southwest Rd	0.49		Mill River Resort Rd	0.57
Oatway Rd	0.35		Dock Rd	0.35
Rte 147 Locke Rd	0.52		O'Halloran Rd	0.50
Rte 11 – Enmore	1.21		Rte 12 – Anglo Tignish	1.25
Rte 14 – Coleman	1.00		Rte 155 – Thompson Rd	1.44
Brae Harbour Rd/ Grand Digue Rd	1.40		Centreline Rd	2.81
Navoo Rd	1.51		Little Tignish Rd	1.06
Beaton Rd	0.90		Peter Rd	0.92
Moorshead Rd – Coleman	0.50		Old Western Rd	0.46
			Park Ln	0.13
Total Kms	12.21		Total Kms	15.24

Bush Cutting

During the season, three Government bushcutters cut bushes along the highway. Approximately 458 (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 386 kilometres of seasonal roads and 162 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
21,902	20,040	125	935	5032

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 845.20 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 185,542 liters was used to treat 55.40 kilometers of road. An additional 48,944 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
Dunk River Rd		1.10		1.10			
Route 10		0.95		0.95			
Chelton Rd		0.58		0.58			
Richard Point Rd		1.47		1.47			
Co Line Rd		1.15		1.15			
Wilmont Valley Rd					1.00		
Taylor Rd					0.80	0.80	
Vernon Muttart					0.50		
Middleton	1.00	1.20			0.50		
Mt Tryon Rd	0.30			0.30			
Maple Plains Rd					0.50	0.50	
North Carleton				0.95			
Richards Pt Rd				1.45			
Schurman's Pt				1.10			
Dunk River Rd				1.10			
County Line Rd				1.00			
Chelton Rd				0.58			
Totals	1.30	6.45	0.00	11.73	3.30	1.30	0.00

Prince Zone P – 2 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Belmont Rd		1.30		1.30			
Hackmatack Rd		0.25		0.25			
Higgins Rd		0.80		0.80			
Route 11		1.00		1.00			
Route 11 Linkletter		1.00		1.00			
St Nicholas Route 11		0.40		0.40			
Baltic Rd		1.30		1.30			
Co Line Rd N.		0.55		0.55			
Taddy Rd		0.48		0.48			
Murphy Rd		0.57		0.57			

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Compton Rd		1.10		1.10			
North Drive					0.40		
MacIsaac Rd					0.50		
Route 11 (CA6385)					0.40		
Route 124 Wellington					0.80		
St Raphael Rd					0.20		
McGee Rd					0.50		
Route 11 (CA6630)					0.40		
Barlow Rd					0.40		
Route 11 (CA9359)					0.40		
Route 177					0.40		
Route 2 Kensington					0.40		
Lower Darnley Rd					0.50		
Mountain Rd					0.80		
Route 104 Hamilton		1.30		1.30			
MacCormack Rd		0.70		0.70			
Ives Pt Rd			0.50				
Emery Rd			0.30				
McGee Rd			0.40				
Lyle Rd			0.30				
Richards Pt Rd			0.30				
Panneau Rd			0.30				
St John Rd			0.20				
Union Corner Rd		0.40					
Baseline Rd		0.50					
Thompson Shore		0.30					
Cannontown Rd		0.60					
Ives Pt Rd		1.30					
Flag Pond Rd		0.35					
Royalty Pt Rd		0.50					
Bryanton Rd		0.20					
Crafter Rd		0.25					
Murphy Rd		0.50					
Strang Rd		0.50					
Cemetery Rd		0.30					
Totals	0.00	16.45	2.30	10.75	6.10	0.00	0.00

Prince Zone P – 3 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Route 142 O'Leary		1.00		1.00			
Route 12 Freeland		0.50		0.50			
Willie Birch Rd				1.00			
Camp Tamawaby				0.50			
MacKinnon Rd			0.50	0.60			
Ellerslie Rd				1.00			
Kennedy Rd			1.70	1.70		1.70	
Hebron Rd				2.00	0.20		
Campbell Shore Rd					0.50		
Sunnyside Rd					0.10		
Route 131 Arlington					0.10		
Route 14 West Pt					0.20		
Route 12 Ellerslie					0.10		
Moorshead Rd					0.10		
Oatway Rd	0.10	0.20					
Cunningham Rd		0.20					
Winston Barlow Rd		0.60					
Brooks Rd		0.10					
MacDonald Rd		0.40					
MacIntosh Rd	0.20	0.20	0.20				
McKay Rd		0.10					
Seaweed Rd			1.00				
Mill Rd			0.40				
Mickey Allen Rd		0.70					
Harts Gravel Rd		0.50					
Grand Dique Rd		0.20					
Pete Con Rd			0.70				
Route 12 Freeland		0.50		0.50			
Route 142 Knutsford		0.10		0.10			
Totals	0.30	5.30	4.50	8.90	1.30	1.70	0.00

Prince Zone P – 4 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Graded	Bush Cutting
Route 152 Union Rd					0.14		
Gall Rd					0.22		
O'Halloran Rd					0.20		
Doyle Rd					0.32		
Route 14 Skinners Pond					0.10		
Palmer Rd South		0.40			0.40		
Back Settlement Rd					0.30		
Dock Rd					0.10		
Piusville Rd					0.16		
Butcher Rd					0.17		
Hunter Rd		0.10			1.00		
Old Western Rd		0.45					
Fitzpatrick Rd		0.18					
Christopher Rd		0.25					
Old Greenmount Rd		0.12					
Gordons Wharf Rd	0.70						
Totals	0.70	1.50	0.00	0.00	3.11	0.00	0.00

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: 8,482 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 1,610 tonnes to blend with its winter sand. The 26,822 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 1,628 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	207
Miscouche	187

Snow Removal Contracted Services

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

Contractor	Kms Plowed
101364	80.97
AJL Ltd.	90.39
Clearview Construction	173.53
Curran & Briggs	199.41
Duffy Construction	191.38
Matthew's Lime Spreading	107.63
Northern Enterprises Ltd.	89.43
Island Coastal West	178.38
Tri-Mix	103.11
Total	1,214.23

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 \$19,517,200.

The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	5,143,800.00
Charlottetown Garage Indirect	931,100.00
Bridgetown Garage Direct	2,695,000.00
Bridgetown Garage Indirect	375,900.00
Summerside Garage Direct	4,365,500.00
Summerside Garage Indirect	146,000.00
Western Region Operators	1,640,500.00
Central Region Operators	2,736,900.00
Eastern Region Operators	1,482,500.00
Total	\$19,517,200.00

Equipment

During the 2022–23 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
2	Electric SUV
2	Hybrid Passenger Vans
3	Hybrid SUV

Quantity	Equipment Purchased
1	Electric Half Ton Truck
1	5500 Fuel Truck Cab & Chassis
3	Dual Wheel Trucks
3	Long Wheelbase Vans
4	Used Cargo Vans
19	Total Vehicles Purchased

Heavy Fleet

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

Heavy Fleet Purchases

Quantity	Equipment Purchased
1	Six Ton Portable Asphalt Recycler
4	Tandem Plow Trucks
3	Heavy Equipment Bus Hoists & Jack
5	Automated Greasing Systems for Tandem Trucks
3	Aluminium Truck Boxes for Dual Wheel Trucks
1	Crane
17	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	12	20	10	35	100%
Fuel Truck	2	10	5	6	100%
Grade-all	1	20	10	22	100%
Paint Truck	2	10	5	16	100%

Unit	In Years				
	Quantity	Optimum Life	Target Average Age	Actual Average Age	Percentage Over Half Age
Sand Hopper	11	20	10	21	100%
Shouldering Machine	2	20	10	13	100%
Single Axle	4	10	5	18	100%
Skid Steer	1	10	5	11	100%
Grader	22	20	10	24	86%
Corporate Fleet	421	6	3	7	72%
Bush Cutter	14	10	3	14	71%
Trailer	100	20	10	14	58%
Roller	28	20	10	12	57%
Loader	27	20	10	16	59%
Loader Mount Blower	12	20	10	10	42%
Tandem	58	10	5	8	62%
Crack Filling Machine	3	10	5	9	67%
Tractor Mount Blower	9	20	10	12	33%
Sign Truck	4	8	7	6	0%
Salt Spreader	12	15	10	7	0%
Vacuum Street Sweeper	1	10	5	5	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 and 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
- Scissor Lift/Fall Protection Training
- Boom Truck 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:

- Building Canada-Small Communities Fund (BCF-SCF)
- Investing in Canada Program (ICIP)
- Canada Community Building Fund (CCBF)
- Municipal Capital Expenditures Grant (MCEG)

Infrastructure Programs

Investing in Canada Infrastructure Program (2018-2033)

Through the Investing in Canada Plan, \$371.7 million in federal funding is being delivered over 15 years (2018-2033) 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

The following table shows the recipients and the amount of grant funding they received in 2022/23:

Applicant	Project Number and Description	Total Cost	FY 2022-23
Departments / Crown Corporations:			
Department of Economic Growth, Tourism and Culture	ICIP-CCR-2019-046 Canada Games 2023 Mark Arendz Provincial Ski Park - Nordic Venue Upgrades	3,622,500.00	420,862.25
Department of Economic Growth, Tourism and Culture	ICIP-CCR-2020-054 Canada Games 2023 Eastlink Trade Ctr Upgrades	603,750.00	96,382.06
Department of Education and Lifelong Learning	ICIP-CCM-2021-021 2021-22 Electric School Buses	12,775,000.00	1,568,279.70
Department of Education and Lifelong Learning	ICIP-CCM-2021-026 2022-23 Electric School Buses	12,427,500.00	4,685,514.70
Department of Transportation and Infrastructure	ICIP-ARDM-2019-011 Cedar Dunes Shoreline Restoration	1,939,012.10	1,939,012.10
Department of Transportation and Infrastructure	ICIP-ARDM-2022-014 Breakwater Street Souris	1,397,218.92	693,520.22
Department of Transportation and Infrastructure	ICIP-EQ-2020-040 2021-22 Active Transportation Road Widening	1,152,100.00	24,779.29
Department of Transportation and Infrastructure	ICIP-EQ-2020-041 2021-22 Capital Projects 14k Plus at Routes	4,483,000.00	236,151.63
Department of Transportation and Infrastructure	ICIP-EQ-2021-042 St. Nicholas Confederation Trail Structure	520,000.00	28,803.35
Department of Transportation and Infrastructure	ICIP-EQ-2021-044 2021-22 Prince Edward Home Active Transportation	400,000.00	16,101.80
Department of Transportation and Infrastructure	ICIP-EQ-2021-045 Capital Projects Active Transportation 2	6,000,000.00	974,563.52
Department of Transportation and Infrastructure	ICIP-EQ-2022-062 Brookvale (Rte 13) Active Transportation Corridor	1,620,000.00	669,796.92
Department of Transportation and Infrastructure	ICIP-RNC-2020-011 2020-2 Stimulus Bridge Bundle	6,428,750.00	799,005.49

Applicant	Project Number and Description	Total Cost	FY 2022-23
Department of Transportation and Infrastructure	ICIP-RNC-2020-014 2020-14-7 TIE Structure Replacements	3,450,000.00	452,847.25
Department of Transportation and Infrastructure	ICIP-RNC-2020-015 2020-21 PEI TIE Local Roads Bundle IV	7,066,905.00	3,714,696.00
Department of Transportation and Infrastructure	ICIP-RNC-2020-016 2021-22 PEI TI Local Roads	5,345,923.00	99,882.56
Department of Transportation and Infrastructure	ICIP-RNC-2021-018 2022-23 PEI DTI Local Roads	9,356,361.00	4,331,648.99
Department of Transportation and Infrastructure	ICIP-RNC-2022-019 - 2022-23 PEI DTI Local Roads Bundle II	5,058,082.00	2,079,325.89
Department of Transportation and Infrastructure	ICIP-RNC-2022-20 Warren Grove Structure	2,875,000.00	758,829.53
Department of Transportation and Infrastructure	ICIP-RNC-2022-021 Mt. Stewart Structure Replacement	2,000,000.00	482,394.20
Department of Transportation and Infrastructure	ICIP-RNC-2022-022 Skinners Pond Structure Replacement	862,500.00	196,376.55
Department of Transportation and Infrastructure	ICIP-RNC-2022-023 Cascumpec Intersection Realignment - Routes 12 & 172	700,782.70	304,688.14
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-100 PCC Women's Addition	10,000,000.00	3,770,665.78
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-103 Access Summerside Heating System Upgrade	225,000.00	135,018.40
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-104 TI Buildings Roof Replacements	872,843.56	216,770.44
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-200 Health PEI/TIE Pandemic Warehouse	3,143,256.64	1,537,075.08
Department of Transportation and Infrastructure	ICIP-CVRS-2020-105 Royalty Center Electrical Service Upgrade	304,676.00	62,113.98

Applicant	Project Number and Description	Total Cost	FY 2022-23
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-302 Bridgetown Highway Depot Expansion	9,500,000.00	3,381,735.70
Department of Transportation and Infrastructure	ICIP-CVRIS-2021-500 School Ventilation Upgrades	3,132,550.00	2,506,040.00
Department of Transportation and Infrastructure	ICIP-CVRIS-2020-300 Morell Rails to Trails Structure Replacement	2,000,000.00	184,579.84
Environmental Industrial Services Inc.	ICIP-EQ-2019-036 Georgetown Water System Upgrades	1,057,885.00	670,475.00
Health PEI	ICIP-CVRIS-2020-138 QEH Air Handling Unit #2 Replacement Project	730,000.00	95,856.11
Health PEI	ICIP-CVRIS-2020-139 QEH Gas Column Upgrades	365,000.00	19,395.10
Health PEI	ICIP-CVRIS-2020-109 Western Hospital Ventilation Project	200,000.00	116,568.30
Health PEI	ICIP-CVRIS-2020-110 KCMH Interior and Exterior Repairs	15,350,000.00	947,869.00
Health PEI	ICIP-CVRIS-2020-111 QEH Air Handling Units 1&3 Replacement Project	1,520,000.00	301,253.00
Health PEI	ICIP-CVRIS-2020-112 Nurse Call System Replacements	1,200,000.00	677,427.00
Health PEI	ICIP-CVRIS-2020-113 Health PEI Generator Replacement	1,185,000.00	510,166.00
Health PEI	ICIP-CVRIS-2020-115 QEH Partial Roof Replacement	3,050,000.00	1,058,038.39
Health PEI	ICIP-CVRIS-2020-116 Beach Grove and Wedgewood Roof Replacements	1,015,000.00	680,000.00
Health PEI	ICIP-CVRIS-2021-501 – QEH Air Handling Unit # 5	655,130.00	162,413.21
PEI Energy Corporation	ICIP-CCM-2019-001 PEI 2020 30MW Wind Farm	60,000,000.00	34,188.98
PEI Energy Corporation	ICIP-CCM-2020-019 Slemon Park Microgrid	25,000,000.00	4,735,313.64
Public School Branch	ICIP-CVRIS-2020-140 Bluefield High School Dust Collector Upgrade	204,506.32	26,484.80
Public School Branch	ICIP-CVRIS-2020-118 Elm St & Greenfield Elementary PA Replacement	222,022.06	20,578.89
Public School Branch	ICIP-CVRIS-2020-137 West Royalty Elementary Classroom Addition	6,464,000.00	1,450,491.79
Public School Branch	ICIP-CVRIS-2020-102 - 4 Partial Schools Roof Replacements	709,870.50	72,224.13

Applicant	Project Number and Description	Total Cost	FY 2022-23
Public School Branch	ICIP-CVRIS-2020-107 Kensington Intermediate High School Exterior Siding	800,000.00	222,596.00
Public School Branch	ICIP-CVRIS-2020-108 Montague Consolidated School - Infrastructure Improvements	1,500,000.00	80,125.17
Slemon Park Corporation	ICIP-EQ-2019-038 Wastewater Treatment Plant - Head Works	1,164,605.00	24,931.70
Departments / Crown Corporations Total		\$241,655,729.80	\$48,273,857.57

Applicant	Project Number and Description	Total Cost	FY 2022-23
Municipalities, Not-for-profits, For-Profit, Indigenous groups:			
Abegweit First Nation	ICIP-CCR-2019-030 Epekwitk Mena'taquag Center	1,251,200.00	69,618.09
Abegweit First Nation	ICIP-CVRIS-2020-301 Abegweit Connects	4,300,000.00	257,495.00
Bell Canada	ICIP-RNC-2019-001 Bell Aliant Rural Broadband Expansion	4,946,182.00	1,254,782.68
Big Field Traditions Inc	ICIP-CCR-2021-055 Rollo Bay Fiddle Festival Site	69,401.06	11,749.74
Brackley, Rural Municipality of	ICIP-CCM-2021-022 Brackley Commons Solar Project	38,052.45	23,334.19
Capital Area Recreation Inc dba Bell Aliant Centre	ICIP-CCR-2019-045 Canada Games 2023 Bell Aliant Centre Upgrades	1,035,000.00	640,220.30
Charlottetown Area Development Corporation	ICIP-CCR-2019-031 The Charlottetown Library Learning Center	16,100,000.00	610,220.30
Charlottetown, City of	ICIP-PT-2019-001 CATCC Diesel Bus Replacement	4,449,667.64	10,492.69
Charlottetown, City of	ICIP-CCM-2021-023 Charlottetown Simmons Sports Centre	25,534,655.00	746,823.00
Charlottetown, City of	ICIP-EQ-2019-006 Wastewater Treatment Plant Resiliency Improvements	6,900,000.00	175,284.81
Charlottetown, City of	ICIP-EQ-2019-004 Sewer Lift Stations Rehabilitation and Enhancement	3,450,000.00	929,361.22
Charlottetown, City of	ICIP-PLAN-2021-003 Eastern Gateway - Storm Water Planning	115,000.00	33,830.30
Communities 3 Inc.	ICIP-CCR-2020-051 CG23 APM Centre Upgrades	279,565.00	138,373.71
Community Connections Inc	ICIP-CCR-2021-056 Community Connections Accessibility Upgrades	1,356,572.00	786,781.45
Community Seniors Cooperative Limited	ICIP-CCR-2021-057 O'Leary Community Room	286,339.45	36,370.48

Applicant	Project Number and Description	Total Cost	FY 2022-23
Cornwall, Town of	ICIP-EQ-2019-011 Wellfield Upgrade ICIP	3,200,703.00	28,651.01
Cornwall, Town of	ICIP-EQ-2021-050 North River Lagoon Berm Rehabilitation	325,990.50	211,441.86
Cornwall, Town of	ICIP-EQ-2021-051 Cornwall Main Street Water Main Upsizing and Extension	3,281,939.20	2,298,809.85
Cornwall, Town of	ICIP-CCR-2021-059 Sunrise Cove Shoreline Protection & Recreation Area	415,704.30	164,712.32
Inclusions East Inc.	ICIP-CCR-2021-063 Inclusions East Phase II - Training Center Replacement - Claim 1B	2,748,526.00	53,003.09
Kensington, Town of	ICIP-CCR-2022-066-Kensington Credit Union Upgrades	2,287,125.00	51,234.21
Kensington, Town of	ICIP-EQ-2019-013 Kensington Lagoon Upgrades	528,198.21	127.04
Kensington, Town of	ICIP-EQ-2021-055 Broadway St. S. Water and Sewer Extensions	2,192,000.00	425,786.53
Kinkora, Rural Municipality of	ICIP-EQ-2021-052 Kinkora UV Treatment Structure Upgrade	62,330.00	306.76
Lennox Island First Nation	ICIP-PLAN-2020-001 Lennox Island First Nation Wharf Design	800,000.00	52,074.30
Lennox Island First Nation	ICIP-ARDM-2022-013 Lennox Island Wharf Construction	21,832,000.00	1,610,732.36
Miscouche, Rural Municipality of	ICIP-EQ-2021-053 Miscouche New West Lagoon Upgrades	3,237,669.60	122,117.40
Montague Regional Athletic Complex Assoc	ICIP-CCR-2021-064 Canada Games 2023 Montague Curling Club Upgrades	280,079.63	145,637.93
Morell, Rural Municipality of	ICIP-CCR-2019-009 Morell Community Rink Renovations Phase 3	280,079.63	26,100.01
North Rustico, Town of	ICIP-CCM-2020-018 North Rustico Arena & Wellness Center Construction	23,146,396.20	1,450,305.09
Pownal Sports Centre	ICIP-CCR-2020-049 Canada Games 2023 Pownal Sports Centre Upgrades	287,501.12	23,833.07
Resort Municipality Community	ICIP-CCR-2021-058 Replace 4 Picnic Shelters at Montgomery Park	136,350.00	9,744.09
Silver Fox Curling & Yacht Club Inc	ICIP-CCR-2020-048 Canada Games 2023 Silver Fox Curling Club Upgrades	500,000.00	98,906.29
Souris, Town of	ICIP-EQ-2019-020 Souris Wastewater Treatment Facility Upgrades	3,450,000.00	105,988.75
Sports and Recreation Association of Tignish	ICIP-CCR-2020-052 Canada Games 2023 Tignish Arena Upgrades	163,162.47	113,410.27
Stratford, Town of	ICIP-CCM-2021-025 Stratford Community Campus Solar Field	4,520,200.78	22,806.93

Applicant	Project Number and Description	Total Cost	FY 2022-23
Stratford, Town of	ICIP-ARDM-2021-012 Kelly's Pondsides Watershed Restoration	362,250.00	64,842.50
Stratford, Town of	ICIP-EQ-2019-024 Sewer Lift Station Upgrades Project	1,000,000.00	230,918.54
Stratford, Town of	ICIP-EQ-2021-059 Stratford Community Campus Site servicing	608,669.57	68,420.80
Stratford, Town of	ICIP-EQ-2021-060 Stratford Community Campus AT Trail	4,018,869.44	22,806.93
Summerside, City of	ICIP-CCM-2019-008 Summerside Solar and Storage	68,790,925.00	10,660,285.18
Summerside, City of	ICIP-EQ-2021-057 Summerside Sewer System Replacements	2,503,906.84	568,193.65
Summerside, City of	ICIP-EQ-2021-058 Summerside Water Replacements	4,181,818.00	1,429,455.99
TCAP Cooperative	ICIP-CCM-2019-015 TCAP Dehumidification and Air Exchange replacement and Insulation	561,281.00	42,309.17
Three Rivers, Town of	ICIP-EQ-2021-063 Brudenell Three Rivers Extension 2023	6,266,337.00	23,997.24
Three Rivers, Town of	ICIP-CCR-2019-022 Three Rivers Montague Waterfront Improvements	1,048,225.00	701,284.12
Three Rivers, Town of	ICIP-CCR-2019-021 Three Rivers Cardigan Ballfield Lights and Upgrades	561,281.00	15,743.21
Three Rivers, Town of	ICIP-CCR-2020-050 CG23 Cavendish Farms Wellness Centre Upgrades	305,289.21	209,914.46
Trempley Inc.	ICIP-CCR-2021-060 Trempley Skills Development Centre	6,624,000.00	3,369,277.97
Wellington, Rural Municipality of	ICIP-EQ-2021-061 AJL Subdivision	348,000.00	15,325.97
West Prince Curling Club Inc.	ICIP-CCR-2022-065 West Prince Curling Club Inc.	6,915,724.98	506,821.78
Xplore Inc.	ICIP-RNC-2019-002 Xplornet	38,422,415.00	2,678,279.23
Municipalities, Not-for-profits, For-Profit, Indigenous group TOTAL		\$286,376,200.37	\$33,348,343.86
Total of All		<u>\$528,031,930.17</u>	<u>\$81,622,191.57</u>

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:

Wastewater	Solid Waste	Community Energy Systems
Public Transit	Drinking Water	Shortline Rail
Tourism	Cultural	Capacity Building
Recreation	Sports	Disaster Mitigation
Broadband Connectivity	Short Sea Shipping	Regional and Local Airports
Local Roads and Bridges	Highways	Brownfield Redevelopment
Fire Halls		

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 \$9.644 million in 2022/23. In 2022/23, the Infrastructure Secretariat reviewed 6 Direct Allocation Capital Investment Plans (CIP) for a total investment of \$2.06M of which municipalities used \$1.44M of their direct allocation funds towards their projects.

Municipality	Project Description	Federal Share 2022-23
Abram Village, Rural Municipality of	Direct Allocation	100,000.00
Alberton, Town of	Direct Allocation	110,707.00
Borden Carleton, Town of	Direct Allocation	200,000.00

Municipality	Project Description	Federal Share 2022-23
Charlottetown, City of	Direct Allocation	3,489,829.00
Cornwall, Town of	Direct Allocation	517,083.00
Crapaud, Rural Municipality of	Direct Allocation	300,000.00
Hunter River, Rural Municipality of	Direct Allocation	100,000.00
Kensington, Town of	Direct Allocation	156,537.00
Kinkora, Rural Municipality of	Direct Allocation	100,000.00
Miscouche, Rural Municipality of	Direct Allocation	100,000.00
Morell, Rural Municipality of	Direct Allocation	100,000.00
Mount Stewart, Rural Municipality of	Direct Allocation	100,000.00
Murray Harbour, Rural Municipality of	Direct Allocation	100,000.00
North Rustico, Town of	Direct Allocation	200,000.00
O'Leary, Town of	Direct Allocation	100,000.00
Resort Municipality Community	Direct Allocation	100,000.00
St Peters Bay, Rural Municipality of	Direct Allocation	100,000.00
Stratford, Town of	Direct Allocation	938,446.00
Summerside, City of	Direct Allocation	1,433,775.00
Three Rivers, Town of	Direct Allocation	694,311.00
Tignish, Rural Municipality of	Direct Allocation	100,000.00
Tyne Valley, Rural Municipality of	Direct Allocation	200,000.00
Victoria, Rural Municipality of	Direct Allocation	200,000.00
Wellington, Rural Municipality of	Direct Allocation	100,000.00
	TOTAL	\$9,640,688.00

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 \$532,440.00 in 2022/23. In 2022/23, the Infrastructure Secretariat reviewed 2 Notional Allocation CIPs for a total investment of \$632,259.00.

Municipality	Project Description	Federal Share 2022-23
Bedeque, Rural Municipality of	Notional Allocation	9,056.00
Belfast, Rural Municipality of	Notional Allocation	72,943.00
Brackley, Rural Municipality of	Notional Allocation	17,873.00
Breadalbane, Rural Municipality of	Notional Allocation	5,008.00

Municipality	Project Description	Federal Share 2022-23
Central Kings, Rural Municipality of	Notional Allocation	10,166.00
Clyde River, Rural Municipality of	Notional Allocation	19,582.00
Eastern Kings, Rural Municipality of	Notional Allocation	21,262.00
Greenmount Montrose, Rural Municipality of	Notional Allocation	7,977.00
Kingston, Rural Municipality of	Notional Allocation	32,867.00
Linkletter, Rural Municipality of	Notional Allocation	9,296.00
Malpeque Bay, Rural Municipality of	Notional Allocation	30,888.00
Miltonvale Park, Rural Municipality of	Notional Allocation	34,427.00
Miminegash, Rural Municipality of	Notional Allocation	48,200.00
Murray River, Rural Municipality of	Notional Allocation	9,116.00
North Wiltshire, Rural Municipality of	Notional Allocation	5,668.00
Northport, Rural Municipality of	Notional Allocation	5,578.00
Northshore, Rural Municipality of	Notional Allocation	122,040.00
St Louis, Rural Municipality of	Notional Allocation	989.50
Tignish Shore, Rural Municipality of	Notional Allocation	22,192.00
West River, Rural Municipality of	Notional Allocation	47,291.50
	TOTAL	\$532,420.00

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 \$5.175M in funds for 2022/23 to invest in the renewal, construction, and rehabilitation of roadways within municipal boundaries. The 2022/23 project list includes the following:

- 2021-22-107 - Route 16- South Lake (Intersection)
- 2021-22-108 - Jessie Street Extension – Cornwall
- 2021-22-116 - Route 1 Pinette Slipway Realignment
- 2021-22-117 - Barrett Street - Kensington 2022 (Storm Sewer)
- 2022-23-119 - Route 6 - North Rustico, Shoulder Paving/Asphalt Resurfacing
- 2022-23-120 - Route 12 - Aliberto, Shoulder Paving
- 2022-23-121 - Route 231 - Crapaud, Storm Sewer Replacement
- 2022-23-122 - Route 152 & 153 - Montrose, Intersection Realignment
- 2022-23-123 - Barrett Street - Kensington, Storm Sewer & Sidewalk
- 2022-23-125 - Route 10 - Borden Carleton, Shoulder Paving
- 2022-23-126 - Route 1 - Bonshaw to New Haven, Mill and Fill in Outer Wheel Path
- 2022-23-127 - Miminegash Intersection Improvements
- 2022-23-128 - Route 133 - Ellerslie & Rink Road - Tyne Valley, Shoulder Paving/Road Upgrades
- 2022-23-129 - Route 16 & 16A - South Lake Intersection Upgrades

- 2022-23-130 - Mount Stewart Storm Sewer
- 2022-23-131 - Route 6 – Stanhope
- 2022-23-132 - Route 6 - Cavendish (AT Trail)

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 2022/23, the Project Review Committee approved 7 MSC projects for a total investment of \$1.5M. The total amount of funding released to MSC Ultimate Recipients in 2022/23 was \$742,210.28.

Municipal Strategic Component	Project Description	Federal Share 2022-23
Wellington, Rural Municipality of	Project # MSC 96.0 - Wellington Barlow Road Sewer Expansion	8,464.00
West River, Rural Municipality of	Project # MSC 97.0 West River-Official Plan	4,113.45
Stratford, Town of	Project # MSC 93.0 Stratford SCADA System Control Upgrades Phase 2	31,638.75
North Rustico, Town of	Project # MSC 101.0 North Rustico - Increase Residential Water Pressure	149,331.75
Kinkora, Rural Municipality of	Project # 81.0 MSC-Kinkora McGuigan Lane Extension	53,570.00
Crapaud, Rural Municipality of	Project # MSC 66.0 Crapaud Land Use Plan	1,253.55
Cornwall, Town of	Project # 110.0 Cornwall Lagoon Renovation and Upgrades	493,838.78
	TOTAL	\$742,210.28

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

The Canadian Centre of Climate Change and Adaptation is the only active project in the BFC-SCF program in 2022/23. 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 2022/23:

Applicant	Project Number and Description	FY 2022-23 Amount
University of PEI	2019-SCF-037 Canadian Center for Climate Change and adaptation	159,601.00
	TOTAL	\$159,601.00

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 2022/23 budget set aside \$2.7 million. Municipalities were given a year to collect on the previous year's expenditures. The FY of 2022/23 has seen municipalities receive grants up to \$5.59M.

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

Municipality	Project Number and Description	FY 2022-23
Alberton, Town of	MCEG Alberton 4th Quarter Claim Payment 2021-2022	49,095.94
Bedeque And Area, Rural Municipality of	MCEG Bedeque and Area 1st and 3rd Quarters Claim Payment 2022-2023,	3,752.50

Municipality	Project Number and Description	FY 2022-23
	MCEG Bedeque and Area 4th Quarter Claim 2021-2022	
Borden Carleton, Town of	MCEG Borden-Carleton 4th Quarter Claim Payment 2021-2022	12,411.78
Breadalbane, Rural Municipality of	MCEG Breadalbane 4th Quarter Claim Payment 2021-2022, MCEG Breadalbane 4th Quarter Claim Payment 2022-2023, MCEG Breadalbane 4th Quarter Claim 2022-2023	2,532.11
Central Prince, Rural Municipality of	MCEG Central Prince 4th Quarter Claim Payment 2020-2021	6,335.21
Charlottetown, City of	MCEG Charlottetown 3rd Quarter Claim 2021-2022, MCEG Charlottetown 4th Quarter Claim 2021-2022	2,429,884.48
Cornwall, Town of	MCEG Cornwall 4th Quarter Claim 2021-2022, MCEG Cornwall 1st Quarter Claim 2022-2023, MCEG Cornwall 2nd Quarter Claim 2022-2023, MCEG Cornwall 3rd Quarter Claim 2022-2023	310,835.48
Eastern Kings, Rural Municipality of	MCEG Eastern Kings 1st, 2nd, 3rd, 4th Quarter Claim 2021-2022	3,360.01
Hunter River, Rural Municipality of	MCEG Hunter River 1st, 3rd, 4th Quarters Claim 2022-2023	1,013.30
Kensington, Town of	MCEG Kensington 4th Quarter Claim Payment 2021-2022, MCEG Kensington 1st Quarter Payment 2022-2023, MCEG Kensington 2nd Quarter Claim Payment 2022-2023, MCEG Kensington 3rd Quarter Claim 2022-2023, MCEG Kensington 4th Quarter Claim Payment 2022-2023	263,596.98
Kinkora, Rural Municipality of	MCEG Kinkora 2nd, 3rd, 4th Quarter Claim Payment 2021-2022, MCEG Kinkora 1st, 2nd, 3rd Quarter Claim Payment 2022-2023	22,821.58
Linkletter, Rural Municipality of	MCEG Linkletter 2nd, 3rd, 4th Quarters Claim 2022-2023	1,836.63
Malpeque Bay, Rural Municipality of	MCEG Malpeque Bay 1st and 2nd Quarter Claim Payment 2022-2023	5,454.03
Miltonvale, Park Rural Municipality of	MCEG Miltonvale Park 4th Quarter Claim 2021-2022	2,146.57

Municipality	Project Number and Description	FY 2022-23
Miscouche, Rural Municipality of	MCEG Miscouche 1st Quarter Claim Payment 2022-2023, MCEG Miscouche 2nd and 3rd Quarter Claim 2022-2023, MCEG Miscouche 4th Quarter Claim 2022-2023	44,613.82
Morell, Rural Municipality of	MCEG Morell 2nd Quarter Claim Payment 2022-2023, MCEG Morell 3rd Quarter Claim 2022-2023	8,391.49
Mount Stewart, Rural Municipality of	MCEG Mount Stewart 4th Quarter Payment 2021-2022	5,153.19
Murray Harbour, Rural Municipality of	MCEG Murray Harbour 4th Quarter Payment 2020-2021, MCEG Murray Harbour 2nd, 3rd, 4th Quarter Payment 2021-2022	10,681.91
North Rustico, Town of	MCEG North Rustico 1st Quarter Claim Payment 2022-2023, MCEG North Rustico 2nd Quarter Claim Payment 2022-2023, MCEG North Rustico 3rd Quarter Claim Payment 2022-2023, MCEG North Rustico 4th Quarter Claim 2021-2022,	757,830.92
North Wiltshire, Rural Municipality of	MCEG North Wiltshire 2nd and 4th Quarters Claim 2022-2023	1,784.98
Northport, Rural Municipality of	MCEG Northport 1st, 2nd, 3rd Quarter Payment 2021-2022	27,966.36
Resort Municipality Community	MCEG North Shore 1st, 2nd, 3rd, 4th Quarter Claim Payment 2021-2022	15,053.16
North Shore Rural Municipality of	MCEG North Shore 1st, 2nd, 3rd, 4th Quarter Claim Payment 2021-2022	4,655.36
Souris, Town of	MCEG Souris Second Submission, 4th Quarter Claim 2020-2021	16,481.71
St Peters Bay, Rural Municipality of	MCEG St. Peters Bay 4th Quarter Claim 2021-2022	7,686.03
Stratford, Town of	MCEG Stratford 4th Quarter Claim 2021-2022	766,624.88
Three Rivers, Town of	MCEG Three Rivers 1st Quarter Claim 2022-2023, MCEG Three Rivers 1st, 2nd, 3rd, 4th Quarter Claim 2021-2022, MCEG Three Rivers 2nd Quarter Claim 2022-2023	564,705.59
Tignish, Rural Municipality of	MCEG Tignish 4th Quarter Claim 2020-2021	12,503.97

Municipality	Project Number and Description	FY 2022-23
Tyne Valley, Rural Municipality of	MCEG Tyne Valley 4th Quarter Claim 2021-2022	168,136.39
Victoria, Rural Municipality of	MCEG Victoria 2nd, 3rd, 4th Quarter Claim 2021-2022, MCEG Victoria 1st Quarter Payment 2022-2023, MCEG Victoria 2nd Quarter Claim Payment 2022-2023, MCEG Victoria 3rd Quarter Claim Payment 2022-2023	8,840.39
Wellington, Rural Municipality of	MCEG Wellington 2nd, 3rd, 4th Quarter Claim Payment 2021-2022	21,194.16
West River, Rural Municipality of	MCEG West River 4th Quarter Claim Payment 2021-2022	33,725.50
	TOTAL	5,591,106.41



SERVICE PEI

Service PEI began operation in 2022 with a focus to enhance services and prioritize the delivery of high quality citizen-centred service to all Islanders. Through partnerships with different areas of Government, Service PEI strives to improve and innovate Government services and programs, and to help address the evolving needs and aspirations of residents. A keen focus on continuous improvement and citizen-centred decision making will result in a better quality of life for individuals and communities, by providing access to improved infrastructure, social services, and opportunities for growth and development. When governments prioritize continuous improvement, residents can expect better services, increased transparency, cost efficiencies, greater citizen engagement, and an improved quality of life.

Through Service PEI's three different areas of service delivery (Access PEI, Contact PEI and Service Experience), Islanders can access the services they need, in the most convenient way to suit their requirements.

Who we are:

- A centre of service excellence, delivering services to Islanders through citizen-centred 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:

- Focus on user-centred capacity within our locations to enhance quality service
- Provide access to services in the way that meets the needs of Islanders
- Ensure the continuous improvement and innovation in the delivery of services to Islanders
- Enable accessible and convenient access to programs, services and information to better connect citizens to Government

ACCESS PEI

At the nine 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 2022-2023, Access PEI performed around 300,000 transactions and collected over 36 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 arise and require immediate support. In 2022-2023, Access PEI assisted with the continued distribution of Covid-19 home testing kits and processed over 9,000 debris clean up requests after Hurricane Fiona.

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, change your address, complete your motor vehicle registrations, book free heat pump appointments, or ask general questions at any of our Access PEI location, and our 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 and 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, personal development, citizen journey mapping, knowledge management, service partnership agreements, continuous improvement, data

collection and dissemination; and, performance evaluation and reporting. This teams focus is to ensure the following:

- 1) Service Enhancement: improve efficiency, responsiveness and effectiveness of public services
- 2) Increase Transparency: improved accountability, better visibility into decision-making processes and the allocation of resources
- 3) Creating Savings: streamlining operations and eliminating inefficiencies by re-allocating resources into priority areas
- 4) Better Citizen Engagement: citizen-centred planning is the basis of all program and service reviews to increase resident trust in government services and programs

In the 2022-2023 fiscal year, the Service Experience team was able to follow through with a few improvement projects:

Free Heat Pump, Insulation and Hot Water Heater Programs - The original Free Heat Pump program was launched on December 1, 2021, to eligible homeowners with an annual household income of \$35,000 or less. In 2022, the program was expanded to include homeowners making up to \$55,000 and two new service offerings were added, home insulation (attic and basement wall spray insulation) and electric hot water heaters. Service PEI provided recommendations to the department on a roll out of program requirements and the administration workflow structure including the move to a paperless process that required support for and buy-in from various sections including Finance. Staff within each area of Service PEI complete front-end customer service, client meetings and overall program administration support including, verifying client applications, process eligibility criteria, workorder contractor assignment, invoice payment preparation and data point collection for the three free programs. The program has seen great success with 6,553 applications received this fiscal year from island residents which is up from just 1,621 the previous year.

Health PEI Project – A project began that saw a collaboration between staff from Service PEI and Health PEI. Sessions between the two groups identified that some health services could be offered via Access PEI sites that will create a one-touch service, improving the citizen experience, and creating a more efficient process. Access PEI was identified as being capable of taking on the application process for PEI Health Cards, helping to alleviate wait times and streamline the process. Furthermore, it was identified that staff at these sites would also be able to assist clients with registration on the PEI Provincial Patient Registry and Maple Virtual Care. Work on this project has continued into the new fiscal year.

Land and Development Permitting – Service PEI was tasked with working with the Department of Housing, Land, and Communities (formerly the Department of Agriculture and Land) to improve the permitting processes for land and development. Through meetings with the various stakeholders of the process (staff from the Department of Housing, Land, and Communities, the Department of Environment, Energy, and Climate Action; and, the Department of Transportation and Infrastructure) a procedure was implemented for the intake and processing of applications, including the request for comments from other departments. Additionally, a new position was created, namely the Property Inquiries Coordinator, whose main role is meeting with the client prior to the application process to ensure the full scope of what is

required is understood. This position helps the client at the front-end and ensures for a complete and clear application, which will assist the Property Development Officers in doing their work and not having to chase missing documentation from clients. This new position was piloted in Charlottetown and Summerside in the new fiscal year, 2023-2024. Work on this project has continued into the new fiscal year.

Universal EV Incentive Program - It was the second year for the Prince Edward Island Universal EV Incentive Program and Service PEI is responsible for handling the processing of applications and distribution of complementary chargers for the program. There was a significant decrease in applications within the program's second year. This was due to the manufacturers' ongoing supply-chain issues, which have slowly been resolved over time. As a result, changes were made to the program that made purchases/leases from out-of-province dealerships eligible for a rebate. In addition, the program no longer provides a complementary charger but instead provides a charging supplement of \$750 for a combined incentive amount of \$5,750. This change was implemented on March 1st, 2023, and in conjunction with the continued resolution of supply chain issues, uptake within the program has improved.

Service PEI 2022-2023 Fiscal Year Stat Summary

- 9 Access PEI locations (Charlottetown, Royalty Crossing Mall, Summerside, Souris, Montague, Wellington, O'Leary, Tignish & Alberton)
- 300,000 transactions and collection of over 36 million dollars in revenue through Access PEI
- 231 EV Incentive Program rebates were administered, and 204 EV chargers shipped
- 6,553 Free Energy Efficient Equipment applications received
- Over 1,800 Free Equipment appointments completed
- 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
2022-2023 FY**

	Actuals FY 22/23	Budget Estimates FY 22/23
CORPORATE SERVICE DIVISION		
Executive Office		
Administration	9,123	21,800
Equipment	1,466	-
Materials, Supplies, & Services	2,215	500
Professional Services	2,750	-
Salaries	368,495	391,000
Travel & Training	7,510	13,900
	391,559	427,200
Corporate Service Administration		
Administration	16,690	19,900
Equipment	427	500
Materials, Supplies, & Services	10,656	10,800
Professional Services	150	1,500
Salaries	139,068	278,700
Travel & Training	3,011	2,000
Grants	1,210,535	-
	1,380,537	313,400
TOTAL CORPORATE SERVICES DIVISION	1,772,096	740,600
Infrastructure		
Administration	58,732	86,400
Equipment	-	13,000
Materials, Supplies, & Services	3,945	13,200
Professional Services	98,267	395,000
Salaries	692,663	908,400
Travel & Training	5,874	18,700
Grants	55,410,325	88,138,700
	56,269,806	89,573,400

	Actuals FY 22/23	Budget Estimates FY 22/23
Planning		
Administration	5,312	16,200
Equipment	776	10,000
Materials, Supplies, & Services	301	2,500
Professional Services	-	210,000
Salaries	190,501	351,200
Travel & Training	7,610	24,000
	204,500	613,900

TOTAL INFRASTRUCTURE, POLICY, & PLANNING DIVISION

56,474,306	90,187,300
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HIGHWAY SAFETY DIVISION

Highway Safety Administration

Administration	96,182	58,100
Equipment	6,369	900
Materials, Supplies, & Services	40,781	16,900
Professional Services	41,063	32,000
Salaries	208,360	187,600
Travel & Training	(9,127)	43,700
Grants	70,000	50,000
	453,628	389,200

Promotion Highway Safety

Administration	6,340	1,000
Equipment	221	600
Materials, Supplies, & Services	16,336	18,400
Professional Services	-	500
Salaries	900,893	959,800
Travel & Training	19,276	2,500
	943,066	982,800

Registration & Licensing

Administration	4,525	900
Equipment	5,164	4,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Materials, Supplies, & Services	546,583	310,600
Salaries	1,064,546	1,187,900
Travel & Training	7,556	700
	1,628,374	1,504,100
Highway Scales		
Administration	322	-
Equipment	627	11,400
Materials, Supplies, & Services	5,854	24,200
Salaries	680,890	704,200
Travel & Training	87	1,000
	687,780	740,800
TOTAL HIGHWAY SAFETY DIVISION	3,712,848	3,616,900
LAND AND ENVIRONMENT		
Environmental Management		
Administration	7,690	8,700
Equipment	443	2,000
Materials, Supplies, & Services	5,225	10,400
Professional Services	86	19,100
Salaries	687,383	661,900
Travel & Training	68,632	68,100
	769,459	770,200
Properties		
Administration	111,297	128,200
Equipment	1,018	1,500
Materials, Supplies, & Services	500,620	232,900
Professional Services	12,865	274,900
Salaries	788,175	1,035,700
Travel & Training	10,050	23,300
	1,424,025	1,696,500

	Actuals FY 22/23	Budget Estimates FY 22/23
Surveys		
Administration	8,044	7,800
Equipment	4,986	8,200
Materials, Supplies, & Services	5,518	12,800
Professional Services	565	3,000
Salaries	533,959	616,600
Travel & Training	2,317	8,000
	555,389	656,400
TOTAL LAND AND ENVIRONMENT	2,748,873	3,123,100
HIGHWAY MAINTENANCE DIVISION		
Maintenance Administration - Director's Office		
Administration	23,772	16,800
Equipment	17,651	-
Materials, Supplies, & Services	2,431	1,000
Professional Services	21,443	66,000
Salaries	305,329	324,700
Travel & Training	19,083	11,900
	389,709	420,400
Inventory Control		
Administration	1,487	3,000
Materials, Supplies, & Services	907,450	612,800
Salaries	507,375	546,100
Travel & Training	-	6,000
	1,416,312	1,167,900
Provincial Maintenance Road Program		
Administration	78	-
Equipment	61	-
Materials, Supplies, & Services	22,065,408	1,715,100
Travel & Training	30,307	-
	22,095,854	1,715,100
TOTAL FOR PROVINCIAL HIGHWAYS MAINTENANCE OPERATIONS	23,901,875	3,303,400

Maintenance Administration - Western Region

Administration	16,042	41,500
Equipment	1,360	600
Materials, Supplies, & Services	8,666	2,600
Salaries	559,232	543,800
Travel & Training	4,790	2,500
	590,090	591,000

Maintenance Administration - Eastern Region

Administration	23,336	52,200
Equipment	-	400
Materials, Supplies, & Services	10,893	700
Salaries	613,412	513,100
Travel & Training	4,320	3,200
	651,961	569,600

Maintenance Administration - Central Region

Administration	48,897	65,200
Materials, Supplies, & Services	1,540	600
Professional Services	540	-
Salaries	593,557	524,600
Travel & Training	-	800
	644,534	591,200

Summer Maintenance - Western Region

Administration	110	-
Equipment	12,464	6,500
Materials, Supplies, & Services	3,639,916	1,589,600
Salaries	2,202,199	2,367,100
Travel & Training	68,781	63,400
	5,923,470	4,026,600

Summer Maintenance - Eastern Region

Administration	19	-
Equipment	12,650	-
Materials, Supplies, & Services	6,244,961	1,328,100
Salaries	2,307,518	2,119,500
Travel & Training	101,234	35,100
	8,666,382	3,482,700

	Actuals FY 22/23	Budget Estimates FY 22/23
Summer Maintenance - Central Region		
Administration	410	-
Equipment	18,798	-
Materials, Supplies, & Services	13,902,482	2,019,600
Professional Services	110	-
Salaries	2,665,329	2,816,800
Travel & Training	114,524	75,000
	16,701,653	4,911,400
Rails to Trails Maintenance		
Administration	1,525	3,400
Equipment	22,970	-
Materials, Supplies, & Services	3,496,302	426,900
Professional Services	15,000	-
Salaries	1,079,613	1,111,800
Travel & Training	30,370	23,000
	4,645,780	1,565,100
Winter Maintenance - Western Region		
Materials, Supplies, & Services	7,829,720	6,385,400
Salaries	426,714	434,100
Travel & Training	5,529	-
	8,261,963	6,819,500
Winter Maintenance - Eastern Region		
Administration	375	-
Materials, Supplies, & Services	5,120,924	3,554,600
Salaries	467,887	420,000
Travel & Training	2,820	4,000
	5,592,006	3,978,600
Winter Maintenance - Central Region		
Administration	683	-
Equipment	2,389	-
Materials, Supplies, & Services	11,468,787	6,426,000
Professional Services	80	-
Salaries	872,775	592,600
Travel & Training	2,989	-
	12,347,703	7,018,600

	Actuals FY 22/23	Budget Estimates FY 22/23
Mechanical - Charlottetown Garage - Direct		
Administration	17,827	16,900
Equipment	40,921	3,500
Materials, Supplies, & Services	3,710,754	2,286,300
Professional Services	-	4,100
Salaries	2,299,189	2,700,100
Travel & Training	68,659	132,900
	6,137,350	5,143,800
Mechanical - Charlottetown Garage - Indirect		
Administration	8,654	15,200
Debt	885	-
Equipment	3,852	12,400
Materials, Supplies, & Services	152,628	218,500
Professional Services	2,091	38,400
Salaries	571,456	642,500
Travel & Training	194,259	4,100
	933,825	931,100
Mechanical - Summerside Garage - Direct		
Administration	1,460	14,400
Equipment	-	5,500
Materials, Supplies, & Services	3,240,168	1,855,800
Professional Services	575	8,000
Salaries	2,312,319	2,410,600
Travel & Training	55,458	71,200
	5,609,980	4,365,500
Mechanical - Summerside Garage - Indirect		
Administration	7,292	17,800
Equipment	43,889	18,700
Materials, Supplies, & Services	6,597	15,000
Salaries	94,373	89,100
Travel & Training	2,153	5,400
	154,304	146,000
Mechanical - Bridgetown Garage - Indirect		
Administration	4,570	15,600
Equipment	1,967	2,100
Materials, Supplies, & Services	93,791	57,700

	Actuals FY 22/23	Budget Estimates FY 22/23
Professional Services	818	5,400
Salaries	300,348	292,800
Travel & Training	6,199	2,300
	407,693	375,900
Mechanical - Bridgetown Highway Garage - Direct		
Administration	1,434	-
Equipment	20,085	7,000
Materials, Supplies, & Services	1,824,471	1,242,100
Professional Services	65	3,200
Salaries	1,223,830	1,311,800
Travel & Training	66,363	130,900
	3,136,248	2,695,000
Mechanical - Operators- Western Region		
Administration	295	1,500
Materials, Supplies, & Services	7,935	14,000
Professional Services	505	-
Salaries	1,739,334	1,606,300
Travel & Training	21,683	18,700
	1,769,752	1,640,500
Mechanical - Operators - Eastern Region		
Administration	-	200
Materials, Supplies, & Services	17,932	28,000
Professional services	515	-
Salaries	1,440,022	1,432,500
Travel & Training	29,972	21,800
	1,488,441	1,482,500
Mechanical - Operators - Central Region		
Administration	31	3,800
Equipment	273	-
Materials, Supplies, & Services	7,276	50,300
Professional Services	705	-
Salaries	2,082,945	2,636,900
Travel & Training	27,982	45,900
	2,119,212	2,736,900
TOTAL HIGHWAY MAINTENANCE DIVISION	85,782,347	53,071,500

PUBLIC WORKS AND PLANNING

Public Works Administration

Administration	20,933	21,100
Equipment	4,346	3,000
Materials, Supplies, & Services	24,716	194,000
Professional Services	1,176,419	1,349,000
Salaries	41,804	33,500
Travel & Training		

1,268,218	1,600,600
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District Heating Plant

Materials, Supplies, & Services	1,439,986	1,662,200
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1,439,986	1,662,200
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Building Maintenance Direct - Mona Wilson Building

Administration	13,725	11,600
Materials, Supplies, & Services	39,406	47,600
Professional Services	521	-

53,652	59,200
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Building Maintenance Direct - Shaw, Sullivan, & Jones Bldgs.

Administration	490,384	494,500
Equipment	9,202	2,000
Materials, Supplies, & Services	1,528,483	1,485,800
Professional Services	557,642	485,700
Salaries	1,343,109	1,364,700
Travel & Training	7,764	3,000

3,936,584	3,835,700
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Building Maintenance Direct - Province House

Administration	23,828	21,900
Materials, Supplies, & Services	2,015	105,200
Salaries	7,121	53,500

32,964	180,600
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Building Maintenance Direct - Province House Annex

Administration	8,458	8,500
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	Actuals FY 22/23	Budget Estimates FY 22/23
Materials, Supplies, & Services	50,712	52,200
	59,170	60,700
Building Maintenance Direct - Government House		
Administration	18,273	22,800
Materials, Supplies, & Services	169,505	107,300
Professional Services	366	-
Salaries	338,307	407,500
Travel & Training	155	1,500
	526,606	539,100
Building Maintenance Direct - Customs House		
Administration	9,545	9,500
Materials, Supplies, & Services	58,473	56,000
Professional Services	411	-
	68,429	65,500
Building Maintenance Direct - Coles Building		
Administration	43,072	43,100
Materials, Supplies, & Services	129,491	83,900
Professional Services	359	-
Salaries	6,298	77,900
	179,220	204,900
Building Maintenance Direct - Prince County Jail & Courthouse		
Administration	20,892	20,500
Materials, Supplies, & Services	137,034	106,900
Professional Services	246	-
Salaries	-	55,000
	158,172	182,400
Building Maintenance Direct - Summerside Youth Centre		
Administration	91,626	92,600
Materials, Supplies, & Services	276,228	247,900
Professional Services	246	-
	368,100	340,500

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Maintenance Direct - Provincial Correctional Centre		
Administration	43,076	41,100
Materials, Supplies, & Services	540,690	746,000
Salaries	-	65,000
	583,766	852,100
Building Maintenance Direct - Montague Office Complex		
Materials, Supplies, & Services	116,678	97,800
Professional Services	761	-
	117,439	97,800
Building Maintenance Direct - Southern Kings/Queens RSC		
Administration	4,444	5,300
Materials, Supplies, & Services	105,461	96,700
Professional Services	950	-
	110,855	102,000
Building Maintenance Direct - West Prince RSC		
Administration	6,932	8,200
Materials, Supplies, & Services	71,772	69,800
Professional Services	366	-
	79,070	78,000
Building Maintenance Direct - Prince Edward Home		
Materials, Supplies, & Services	-	30,000
	-	30,000
Building Maintenance Direct - Small Buildings		
Administration	86,867	-
Materials, Supplies, & Services	361,836	-
	448,703	-
Building Maintenance Direct - Access PEI Summerside		
Administration	48,485	51,400
Materials, Supplies, & Services	205,745	297,700
Professional Services	1,092	-
	255,322	349,100

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Maintenance Direct - Highway Testing Lab		
Materials, Supplies, & Services	45,308	47,700
Salaries	22,474	37,100
	67,782	84,800
Building Maintenance Direct - Brighton Road Office Complex		
Administration	28,198	1,400
Materials, Supplies, & Services	100,442	38,000
Professional Services	406	-
Salaries	14,153	30,800
	143,199	70,200
Building Maintenance Direct - Holland College - Royalty Operations		
Administration	151,705	149,400
Materials, Supplies, & Services	494,696	403,600
Professional Services	1,098	-
	647,499	553,000
Building Maintenance Direct - Summerside Garage - Slemon Park		
Administration	-	26,000
Materials, Supplies, & Services	234,114	207,600
Professional Services	492	-
	234,606	233,600
Building Maintenance Direct - DTI Surplus Wearhouse		
Materials, Supplies, & Services	13,724	21,200
Professional Services	396	-
	14,120	21,200
Building Maintenance Direct - Kings County Courthouse		
Administration	1,778	3,600
Materials, Supplies, & Services	41,463	34,900
	43,241	38,500
Building Maintenance Direct - Scale Houses		
Administration	4,806	4,600
Materials, Supplies, & Services	128,460	68,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Salaries	9,066	6,000
	142,332	78,600
Building Maintenance Direct - Environment Wearhouse		
Materials, Supplies, & Services	15,260	21,900
Professional Services	390	-
	15,650	21,900
Building Maintenance Direct - Acadian Museum		
Administration	3,035	5,000
Materials, Supplies, & Services	26,449	40,300
	29,484	45,300
Building Maintenance Direct - Basin Head Museum		
Administration	1,789	1,000
Materials, Supplies, & Services	26,842	69,500
	28,631	70,500
Building Maintenance Direct - Orwell Historic Village		
Administration	30	-
Materials, Supplies, & Services	7,911	38,000
	7,941	38,000
Building Maintenance Direct - Yeo House		
Materials, Supplies, & Services	15,546	36,500
Professional Services	720	-
Salaries	15,612	-
Travel & Training	6,648	-
	38,526	36,500
Building Maintenance Direct - MacPhail Homestead		
Administration	20	-
Materials, Supplies, & Services	11,980	42,500
Professional Services	720	-
	12,720	42,500

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Maintenance Direct - Belmont Street Food Bank		
Materials, Supplies, & Services	23,873	31,000
	23,873	31,000
Building Maintenance Direct - Montague Food Bank		
Materials, Supplies, & Services	13,663	23,000
	13,663	23,000
Building Maintenance Direct - Tyne Valley Youth Centre		
Administration	2,677	2,700
Materials, Supplies, & Services	96,117	62,100
	98,794	64,800
Building Maintenance Direct - Lea Crane Building		
Administration	3,190	6,400
Materials, Supplies, & Services	40,714	39,600
Salaries	22,416	24,700
	66,320	70,700
Building Maintenance Direct - Potato Services Building - Kensington		
Administration	4,217	4,200
Materials, Supplies, & Services	52,194	47,000
Professional Services	246	-
	56,657	51,200
Building Maintenance Direct - Tignish Sign Shop		
Administration	2,519	2,500
Materials, Supplies, & Services	29,159	35,000
	31,678	37,500
Building Maintenance Direct - Tignish Body Shop		
Administration	7,093	7,200
Materials, Supplies, & Services	67,313	62,700
Professional Services	246	-
	74,652	69,900
Building Maintenance Direct - Alma Field Office		
Administration	18	
Materials, Supplies, & Services	47,714	31,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Professional Services	1,262	-
	48,994	31,000
Tyne Valley Medical Centre		
Materials, Supplies, & Services	21,559	24,000
	21,559	24,000
Building Maintenance Direct - Brudenell Park		
Administration	118,634	112,300
Materials, Supplies, & Services	20,865	34,000
	139,499	146,300
Building Maintenance Direct - St. Eleanor's House		
Materials, Supplies, & Services	16,552	11,300
	16,552	11,300
Building Maintenance Direct - Forestry Office - Queens		
Administration	12,253	12,300
Materials, Supplies, & Services	22,385	21,800
Professional Services	550	-
	35,188	34,100
Building Maintenance Direct - Forestry Office - Prince		
Materials, Supplies, & Services	22,505	22,100
Salaries	5,620	6,000
	28,125	28,100
Building Maintenance Direct - Forestry Office - Kings		
Materials, Supplies, & Services	25,301	31,900
	25,301	31,900
Building Maintenance Direct - VIC - Cavendish		
Administration	704	1,000
Materials, Supplies, & Services	47,723	42,200
Salaries	18,236	27,600
	66,663	70,800

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Maintenance Direct - Vet Clinic - O'Leary		
Materials, Supplies, & Services	38,911	34,000
	38,911	34,000
Building Maintenance Direct - Access PEI - Alberton		
Administration	2,207	2,300
Materials, Supplies, & Services	27,735	31,300
Professional Services	445	-
Salaries	5,614	-
	36,001	33,600
Building Maintenance Direct - Analytical Lab - Upton Road		
Administration	9,583	9,800
Materials, Supplies, & Services	350,928	310,500
Professional Services	450	-
	360,961	320,300
Building Maintenance Direct - Kensington Post Office		
Administration	5,737	6,000
Materials, Supplies, & Services	77,707	65,600
	83,444	71,600
Building Maintenance Direct - Murchison House		
Administration	7,003	-
Materials, Supplies, & Services	4,397	12,500
	11,400	12,500
Building Maintenance Direct - Queens County Highway Stores		
Administration	91,468	-
Materials, Supplies, & Services	382,535	150,900
Professional Services	1,085	-
	475,088	150,900
Building Maintenance Direct - Queens Wharf		
Administration	28,453	25,700
Materials, Supplies, & Services	70,735	65,000
	99,188	90,700

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Maintenance Direct - New Pandemic Warehouse		
Equipment	-	10,000
Materials, Supplies, & Services	835	126,000
Professional Services	467	-
	1,302	136,000
Building Maintenance Direct - Georgetown Holy Trinity Church		
Materials, Supplies, & Services	2,855	-
	2,855	-
Building Accommodations - Small Lease		
Administration	2,350,563	2,415,800
Materials, Supplies, & Services	16,321	9,000
Professional Services	445	-
	2,367,329	2,424,800
Building Accommodations - Evangeline RSC		
Administration	67,654	67,800
Materials, Supplies, & Services	4,121	5,000
Professional Services	246	-
	72,021	72,800
Building Accommodations - Johnny Ross Young RSC		
Administration	259,496	279,200
Materials, Supplies, & Services	799	7,000
Professional Services	406	-
	260,701	286,200
Building Accommodations - Queens Region Health - Ellis Bros Bldg.		
Administration	980,358	998,500
Materials, Supplies, & Services	1,200	-
Professional Services	4,548	-
	986,106	998,500
Building Accommodations - Health Agency Younker, Roch Building		
Administration	26,038	588,800
Materials, Supplies, & Services	22,420	400
	48,458	589,200

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - Provincial Library Morell		
Administration	227,028	233,900
Materials, Supplies, & Services	195	-
	227,223	233,900
Building Accommodations - St. Paul's Rectory		
Administration	26,221	27,300
Materials, Supplies, & Services	35,527	27,400
	61,748	54,700
Building Accommodations - E. Blanchard (Gordon Drive)		
Administration	104,957	135,000
Materials, Supplies, & Services	24,736	24,700
Professional Services	964	-
	130,657	159,700
Building Accommodations - Concorde Building		
Administration	139,461	178,700
	139,461	178,700
Building Accommodations - Davies Law Courts		
Administration	410,528	555,700
Equipment	960	-
Materials, Supplies, & Services	190,113	210,100
Professional Services	309,137	253,200
	910,738	1,019,000
Building Accommodations - Highway Safety Office		
Administration	195,627	205,300
Materials, Supplies, & Services	1,328	5,000
	196,955	210,300
Building Accommodations - Stonehouse Visitor Information Centre		
Administration	68,625	70,000
	68,625	70,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - Fisheries Warehouse		
Administration	47,964	46,400
Materials, Supplies, & Services	21,514	24,100
	69,478	70,500
Building Accommodations - Kelly Building - Courthouse		
Administration	169,839	200,000
Materials, Supplies, & Services	-	17,600
	169,839	217,600
Building Accommodations - Breckan Yates Building		
Administration	243,726	248,300
Materials, Supplies, & Services	458	-
	244,184	248,300
Building Accommodations - SRDC 109 Water Street		
Administration	144,396	180,000
	144,396	180,000
Building Accommodations - Confederation Centre & Libraries		
Administration	59,333	178,000
Materials, Supplies, & Services	2,550	-
	61,883	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
Materials, Supplies, & Services	1,635	-
	152,943	157,000
Building Accommodations - Donald Bondy Building		
Administration	385,580	403,400
Materials, Supplies, & Services	49,866	31,800
Professional Services	246	-
	435,692	435,200

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - Hunter River Health Centre		
Administration	105,600	116,000
	105,600	116,000
Building Accommodations - Summerside Medical Centre		
Administration	415,125	421,700
	415,125	421,700
Building Accommodations - Polyclinic		
Administration	299,508	323,900
	299,508	323,900
Building Accommodations - Pharmtech - Friendly Pharmacy		
Administration	150,764	175,000
	150,764	175,000
Building Accommodations - Department of Fisheries - Montague		
Administration	273,950	318,700
Materials, Supplies, & Services	507	-
Professional Services	708	-
	275,165	318,700
Building Accommodations - Department of Education - Summerside		
Administration	937,322	970,600
Equipment	4,628	-
Materials, Supplies, & Services	55,993	44,200
Professional Services	4,949	-
	1,002,892	1,014,800
Building Accommodations - VIC - Mt. Pleasant		
Administration	16,000	22,300
	16,000	22,300
Building Accommodations - VIC - Charlottetown Airport		
Administration	925	15,800
Materials, Supplies, & Services	-	7,300
	925	23,100

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - VIC - Wood Islands		
Administration	36,966	37,000
Materials, Supplies, & Services	9,255	900
Salaries	15,672	18,200
	61,893	56,100
Building Accommodations - Harbour Quay - Summerside		
Administration	14,868	16,800
Materials, Supplies, & Services	3,007	5,100
	17,875	21,900
Building Accommodations - Kensington Laundry		
Administration	96,031	62,100
Materials, Supplies, & Services	8,617	15,000
	104,648	77,100
Building Accommodations - Fire Arms Office - Charlottetown		
Administration	17,565	17,600
Materials, Supplies, & Services	6,266	8,300
	23,831	25,900
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	2,712	-
	155,283	155,000
Building Accommodations - Efficiency PEI		
Administration	69,340	69,400
Materials, Supplies, & Services	197	-
	69,537	69,400
Building Accommodations - 85 Fitzroy Street		
Administration	100,733	101,000
	100,733	101,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - The Mount		
Administration	261,308	334,300
Materials, Supplies, & Services	71,931	-
	333,239	334,300
Building Accommodations - ATC Provincial Archives		
Administration	85,200	95,000
	85,200	95,000
Building Accommodations - 500 Queen Street		
Administration	128,347	184,600
Materials, Supplies, & Services	16,477	-
	144,824	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	74,481	86,000
Materials, Supplies, & Services	11,175	-
	85,656	86,000
Building Accommodations - Summerside Covid Clinic		
Administration	(4)	-
Materials, Supplies, & Services	546	-
	542	-
Building Accommodations - Charlottetown Library - Dominion Bldg.		
Administration	240,482	500,000
Equipment	2,694	-
Materials, Supplies, & Services	87,802	-
Professional Services	61,308	-
	392,286	500,000
Building Accommodations - Stratford Collaborative Health Centre		
Administration	150,413	137,600
	150,413	137,600

	Actuals FY 22/23	Budget Estimates FY 22/23
Building Accommodations - Bldg. 143 - Parkway Drive Slemon Park		
Administration	160,800	194,300
Materials, Supplies, & Services	27,041	-
	187,841	194,300
Building Accommodations - Horizon OSI Satellite Clinic, Stratford		
Administration	64,800	64,800
	64,800	64,800
Building Accommodations - JPS Clinical Services		
Administration	74,082	74,100
Materials, Supplies, & Services	9,193	9,000
Professional Services	-	300
	83,275	83,400
Building Accommodations - Slemon Park PCH Equipment Storage		
Administration	30,000	30,000
	30,000	30,000
Building Accommodations - CADC Pickard Building Legal Aid		
Administration	-	142,000
	-	142,000
Building Accommodations - 149 Kent Street		
Administration	37,500	-
Equipment	4,825	-
Materials, Supplies, & Services	95,697	-
	138,022	-
Building Accommodations - Royalty Crossing Suite 35 - Access PEI		
Materials, Supplies, & Services	25,550	-
	25,550	-
Director's Office		
Administration	5,110	12,000
Equipment	1,695	-
Materials, Supplies, & Services	138,309	119,100
Professional Services	72,470	110,000

	Actuals FY 22/23	Budget Estimates FY 22/23
Salaries	249,226	293,100
Travel & Training	4,338	12,900
	471,148	547,100
Building Construction		
Administration	2,274	200
Materials, Supplies, & Services	1,443	1,400
Professional Services	225	-
Salaries	273,413	303,900
Travel & Training	306	23,200
	277,661	328,700
Building Design		
Administration	6,185	-
Materials, Supplies, & Services	2,906	-
Salaries	668,841	839,000
Travel & Training	52,599	9,900
	730,531	848,900
TOTAL PUBLIC WORKS AND PLANNING	25,895,739	27,616,000

CAPITAL PROJECTS DIVISION

TRAFFIC OPERATIONS

Traffic Operations Management

Administration	7,881	6,100
Equipment	404	1,000
Materials, Supplies, & Services	10,759	13,600
Professional Services	762	1,300
Salaries	553,148	445,700
Travel & Training	25,992	14,400
	598,946	482,100

Traffic Operations - Western Region

Administration	2,010	4,400
Equipment	18,010	1,300
Materials, Supplies, & Services	730,372	348,600

	Actuals FY 22/23	Budget Estimates FY 22/23
Professional Services	2,239	2,200
Salaries	802,369	606,400
Travel & Training	41,806	8,700
	1,596,806	971,600
Traffic Operations - Central Region		
Administration	10,035	14,400
Equipment	1,948	5,000
Materials, Supplies, & Services	1,269,079	809,200
Professional Services	2,911	400
Salaries	1,193,622	1,179,900
Travel & Training	30,360	23,000
	2,507,955	2,031,900
Sign Shop		
Administration	3,456	5,700
Materials, Supplies, & Services	196,420	150,700
Professional Services	-	3,600
Salaries	287,746	232,200
Travel & Training	829	1,000
	488,451	393,200
Chief Engineer's Office		
Administration	45,922	24,900
Equipment	5,093	800
Materials, Supplies, & Services	26,970	500
Professional Services	25,083	39,500
Salaries	256,937	281,400
Travel & Training	45,297	9,800
	405,302	356,900
Eastern Region		
Administration	10,803	21,300
Equipment	773	10,400
Materials, Supplies, & Services	337,359	13,600
Professional Services	29,082	2,000
Salaries	1,071,352	983,800
Travel & Training	32,626	19,800
	1,481,995	1,050,900

	Actuals FY 22/23	Budget Estimates FY 22/23
Western Region		
Administration	8,888	31,000
Equipment	580	16,700
Materials, Supplies, & Services	115,465	21,800
Professional Services	12,143	500
Salaries	1,103,462	999,700
Travel & Training	16,209	14,900
	1,256,747	1,084,600
Engineering Services Operations		
Administration	2,247	1,000
Equipment	-	900
Materials, Supplies, & Services	1,556	600
Salaries	277,957	248,200
Travel & Training	8,331	6,400
	290,091	257,100
Highway Enhancement		
Materials, Supplies, & Services	240	-
Salaries	649,160	113,900
Travel & Training	170	-
	649,570	113,900
Bridge Maintenance Operations		
Administration	810	5,200
Materials, Supplies, & Services	3,734,546	1,964,500
Professional Services	671,951	420,000
Salaries	586,747	573,600
Travel & Training	141,212	9,600
	5,135,266	2,972,900
Highway Design		
Administration	5,632	9,000
Equipment	-	500
Materials, Supplies, & Services	1,841	5,500
Professional Services	2,257	4,800
Salaries	676,287	662,100
Travel & Training	14,050	10,300
	700,067	692,200

Actuals	Budget Estimates
FY 22/23	FY 22/23

Materials Testing Lab

Administration	21,979	12,400
Equipment	22,506	23,800
Materials, Supplies, & Services	31,347	9,700
Professional Services	3,030	5,000
Salaries	1,312,651	1,407,600
Travel & Training	33,981	23,400
	1,425,494	1,481,900

TOTAL CAPITAL PROJECTS DIVISION

16,536,690	11,889,200
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Service PEI

Division Management

Administration	59,239	13,200
Debt	5,610	-
Equipment	13,267	-
Materials, Supplies, & Services	39,740	4,000
Professional Services	250,439	59,500
Salaries	301,918	295,700
Travel & Training	11,967	22,700
	682,180	395,100

Summerside Access PEI

Administration	9,103	12,700
Debt	6,873	6,500
Equipment	1,749	1,200
Materials, Supplies, & Services	4,891	4,400
Salaries	624,762	673,900
Travel & Training	4,953	2,900
	652,331	701,600

Souris Access PEI

Administration	3,540	10,500
Debt	470	-
Equipment	1,717	900
Materials, Supplies, & Services	1,582	3,500
Salaries	341,701	336,700
Travel & Training	4,397	4,700
	353,407	356,300

	Actuals FY 22/23	Budget Estimates FY 22/23
West Prince Access Centres		
Administration	7,965	16,600
Debt	(1,794)	700
Equipment	4,739	1,300
Materials, Supplies, & Services	1,745	4,600
Salaries	457,493	564,900
Travel & Training	10,734	8,700
	480,882	596,800
Montague Access PEI		
Administration	5,075	13,800
Debt	1,706	1,000
Equipment	1,495	700
Materials, Supplies, & Services	4,001	4,800
Salaries	280,315	307,300
Travel & Training	1,306	2,800
	293,898	330,400
Wellington Access PEI		
Administration	1,807	6,300
Debt	159	200
Equipment	1,495	-
Materials, Supplies, & Services	974	4,000
Salaries	115,126	127,000
Travel & Training	2,850	500
	122,411	138,000
Royalty Crossing Access PEI		
Administration	3,562	-
Equipment	24,948	-
Materials, Supplies, & Services	5,160	-
Travel & Training	796	-
	34,466	-
Riverside Drive Access PEI		
Administration	14,479	15,100
Equipment	6,369	1,100
Materials, Supplies, & Services	9,347	4,800
Professional Services	240	100

	Actuals FY 22/23	Budget Estimates FY 22/23
Salaries	913,174	827,500
Travel & Training	1,413	800
	945,022	849,400
Contact PEI		
Administration	7,583	15,000
Equipment	2,418	-
Materials, Supplies, & Services	9,805	34,700
Professional Services	420	23,300
Salaries	372,389	473,600
Travel & Training	1,595	7,000
	394,210	553,600
Service Experience		
Administration	-	18,600
Professional Services	-	50,000
Salaries	466,605	683,400
Travel & Training	57	20,000
	466,662	772,000
TOTAL Service PEI	4,425,469	4,693,200
TOTAL DEPARTMENT OF TRANSPOTATION AND INFRASTRUCTURE	221,250,196	198,241,200

Transportation and Infrastructure
CAPITAL EXPENDITURES
Year Ending March 31, 2023

BRIDGES

Eastern Region

Union Road Structure Rehabilitation K3-062	123,804	
Five Houses Bridge Structure Replacement K2-037	15,816	
Souris West Lower Rollo Bay RD Structure Replacement- DFAA Fiona K1- 051	1,112,290	
Grove Pine Road Bridge Replacement K5-011	81,594	
	<hr/>	
Total Eastern Region		<u><u>1,333,505</u></u>

Central Region

Hillsborough Bridge Painting Project Q5-005	129,375	
New London Bridge Structure Rehabilitation- DFAA Fiona Q1-061	143,193	
Rustico Bridge Replacement Q2-024	277,037	
Springfield-Rattenbury Road Structure Rehabilitation Q1- 077	170,636	
Milton Station Route 2 Structure Replacement Q25-043	515,172	
Millboro Road- Brookfield Structure Rehabilitation Q2-073	78,143	
Kingston Road- Cornwall Structure Rehabilitation Q2-082	91,043	
Confederation Trail Structure Rehabilitation QA22-084	116,190	
Route 2 St. Peters Road Structure Replacement AQ-184	101,529	
Vernon Bridge Confederation Trail Structure Replacement Q-0013	2,343,193	
Warren Grove Road Structure Replacement Q2-046	1,677,050	
	<hr/>	
Total Central Region		<u><u>5,642,559</u></u>

Western Region

Cain's Bridge Replacement P1-003	28,749	
Coleman Route 137 Bridge Replacement P1-010	885,709	
Willmot River (Red) Bridge Rehabilitation P4-009	1,000,970	
Grand River Bridge Structure Rehabilitation - DFAA Fiona P3-023	86,274	
Tryon Route 10 Bridge Replacement P4-001	155,622	
Doyles Bridge Replacement P1-036	164,639	
North Enmore Bridge Replacement P2-038	491,649	
Abrams Village Structure Rehabilitation - DFAA Fiona P3- 029	2,861,034	
Kildare Bridge Bank Stabilization - DFAA Fiona P1-051	160,457	
Southwest Lot 16 Structure Rehabilitation - DFAA Fiona P3- 022	167,915	

Darnley Bridge Causeway Repairs - DFAA Fiona P3-010	1,244,580	
Cascumpec Bridge Bank Stabilization P1-015	160,833	
Seacow Pond Structure Rehabilitation P1-137	78,127	
Wedge Road Structure Rehabilitation P1-138	196,041	
Skinnners Pond Structure Replacement P1-097	413,420	
Mill River East Structure Replacement P1-019	12,250	
Total Western Region	8,108,268	
TOTAL BRIDGES		15,084,333
HIGHWAY RECONSTRUCTION		
Aintree Drive Connections-Stratford	151,999	
Land Purchases - Eastern Region	685,000	
Land Purchases - Western Region	397,960	
Morell Consolidated School Drop Off/Pick Up	418,780	
Route 13 - Crapaud	17,209	
Strang Road - St. Nicholas (Chipped Tires)	1,016,387	
Route 109 - Newton	133,998	
Pooles Corner - Car Pool Parking Lot	142,267	
Route 2 - Brookfield/Greenvale	618,911	
Grey's Road - Wood Islands	1,159,205	
TOTAL HIGHWAY RECONSTRUCTION		4,741,718
PROVINCIAL PAVING		
Project #39 Asphalt Resurfacing	313,609	
Project #40 Asphalt Resurfacing	982,523	
Project #41 Asphalt Resurfacing	240,835	
Project #46 Asphalt Resurfacing	700,215	
Asphalt for Resurfacing Roads Various Locations	1,560,373	
Total Regional	3,797,555	
Provincial Paving - Cost Shared		
Provincial Paving -New Build Canada Fund	1,094,564	
Provincial Paving - Investing in Canada Infrastructure Program	15,987,939	
Provincial Paving- Canada Community Building Fund	1,187,910	
Total Provincial Paving Cost Shared	18,270,413	
TOTAL PROVINCIAL PAVING		22,067,968

COST SHARED PROJECTS

Canada Community Building Fund

Mount Stewart Storm System	25,902
Route 6 - Stanhope	654,933
Route 133 - Ellerslie/Bideford	265,793
Route 10 - Borden Carlton	223,580
Route 231 - Crapaud (Storm Sewer)	585,759
Miminegash Intersection Improvements	129,055
Route 12 - Alberton/Central Kildare	185,329
Route 6 - North Rustico	644,290
Route 152 & 153 - Montrose	433,171
Route 226 - Darlington	109,665
Route 6 - Cavendish (Active Transportation Trail)	105,346
Route 1 - Pinette Slipway Realignment	67,232
Jessie Street - Cornwall	25,866
Route 16 & 16A - South Lake Intersection	475,293
Barrett Street - Kensington (Storm Sewer)	466,148

Total Canada Community Building Fund

4,397,362

Investing in Canada Infrastructure Program

Route 15 - Brackley	648,933
Route 20 - Kensington	845,552
Seaview Structure Replacement AQ-042	399,041
Abegweit Connects Route 2 Upgrades	345,226
Route 2 - Sherwood Road	4,950
Route 2 - Midgell	448,201
Route 21 - Pisquid West	664,674
Route 1 - Vernon Bridge	970,962
Route 1 - Charlottetown (Upton Road Active Transportation Trail)	131,462
Route 1 - Mount Mellick	1,812,180
Route 13- Brookvale	1,389,928
Route 22 & 210 - Victoria Cross Roundabout	23,919
County Line Road Burlington AP-036	39,368
Launching Road Cardigan AK-012	1,136,766
Route 6 & 13 - Cavendish	13,667
Prince Edward Home Active Transportation Trail	5,330
Route 12 & 172 - Cascumpec	693,787
Route 2 - Kensington	819,028
Bunbury / Hopeton Road and Rankin Drive	35,285

Total Investing in Canada Infrastructure Program

10,428,259

New Build Canada Fund

Little Harbour Bridge Replacement K1-033	2,178,028
Morell Bridge Replacement K2-015	1,524,631
Mount Stewart Route 2 Structure Replacement Q3-046	1,043,432
Bayview Bridge Replacement Q1-002	4,631,972
Hillsborough Bridge - Transportation Corridor Q5-009	3,538
Route 224 & 251 - Wheatly River Roundabout	8,158
Bridgetown Bridge Replacement K3-008	65,000
Route 324 - Alliston/Glenwilliam K4-029	1,657,629
Route 2 - East Royalty Roundabouts	239,312
Route 27 - Cornwall	217,325
Route 1 - Desable/Green Road	36,314
Route 1 - Hillsborough Bridge	938,727
Route 1 - Stratford Roundabout	7,046,126
Route 22 - St. Teresa K3-065	53,039
Route 1 - Grafton/Riverside Drive	55,687

Total New Build Canada Fund **19,698,918**

Other Cost Shared Projects

Panmure Island	16,000
St.Peters Estuary - Groynes	44,500
West Point Reefs and Groyne	78,049
Breakwater Street - Souris	1,521,093
Stratford & Trans-Canada Highway Intersection Realignment	24,713

Total Other Cost Shared Projects **1,684,354**

TOTAL COST SHARED PROJECTS **36,208,894**

OTHER

Electric Vehicle Charging Stations - Networked Level 2	220,961
Equipment & Machinery Purchases	331,100
Highway Equipment	1,397,846
Vehicle Purchases	997,529

TOTAL OTHER **2,947,437**

TOTAL HIGHWAYS CAPITAL **81,050,349**

BUILDINGS CAPITAL**Building Renovations**

Access Royalty Crossing - Leasehold Improvements	95,052
Province House Upgrades	72,486
Auditor General Office 80 Grafton Street - Leasehold Improvements	36,002
Coles Building - Upper Floor Renovations	67,699
Holy Trinity United Church - Georgetown	678,330
Lea Crane Building - New Metal Roof	103,317
Tyne Valley Youth Centre - New Metal Roof	146,200
Access Summerside - Heating Upgrade	187,478
Sullivan Building 5th Floor Renovation	71,716
Shaw Building Exterior Feature LED Lighting	221,937
Green Park (Yeo House) - Exterior Painting	28,445
Kensington Post Office - Roof Replacement	93,880
Davis Law Courts - LED Lighting Upgrades	5,850
Sullivan Building Stairwell	65,321
Bridgetown Depot- upgrades	<u>6,134,649</u>

TOTAL BUILDING RENOVATIONS**8,008,361****New Building Construction**

Queens County Highway Depot	536,046
Biomass Plant - Queens County Highway Depot	2,400
Biomass Plant - Montague Intermediate School	9,687
Pandemic Warehouse	338,594
West Prince Community Health Centre	<u>5,123,854</u>

TOTAL NEW BUILDING CONSTRUCTION**6,010,581**

Land Purchases	<u>1,103,073</u>
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TOTAL LAND PURCHASES**1,103,073****TOTAL BUILDINGS****15,122,015****TOTAL DEPARTMENT OF TRANSPORTATION and
INFRASTRUCTURE****96,172,364**

