



Transportation, Infrastructure and Energy

ANNUAL REPORT

2018-2019



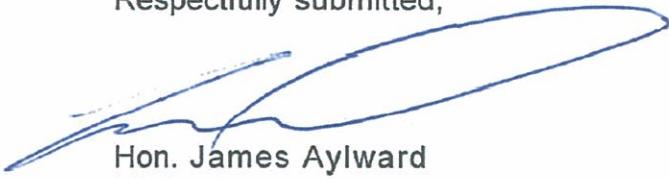


The Honourable Antoinette Perry
Lieutenant Governor of Prince Edward Island

May It Please Your Honour:

I respectfully submit herewith, for the information of Your Honour and the Legislature of Prince Edward Island, the Annual Report of the Department of Transportation, Infrastructure and Energy for the period April 1, 2018 to March 31, 2019.

Respectfully submitted,


Hon. James Aylward
Minister



The Honourable James Aylward
Minister
Department of Transportation, Infrastructure and Energy
Province of Prince Edward Island

Sir:

I am pleased to submit to you the Annual Report of the Department of Transportation, Infrastructure and Energy for the period April 1, 2018 to March 31, 2019.

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

Respectfully submitted,

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

Darren Chaisson, Eng.
Deputy Minister

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Departmental Mandate, Mission Statement 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 Statement

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

Vision

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

Legislative Responsibilities

2018-2019

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

Personnel

2018-2019

MINISTER

Administrative Assistant (Minister's Office)

Hon. Paula Biggar

Bonnie MacDonald

DEPUTY MINISTER

Administrative Assistant (Deputy Minister's Office)

Darren Chaisson Eng.

Stacey Martin

CORPORATE SERVICES

Finance

Human Resources

Wendy MacDonald, Director

Jason Rendell, Human Resources Manager

HIGHWAY SAFETY AND INFORMATION

TECHNOLOGY

Highway Safety Operations

Highway Safety Registration

Graham Miner, Director

Doug MacEwen, Provincial Registrar

Graham Miner

PUBLIC WORKS

Building Design and Construction

Maintenance and Accommodations

Alan Maynard, Director

Tyler Richardson

Holly Hinds

LAND AND ENVIRONMENT

Acting Provincial Chief Surveyor

Properties

Brian Thompson, Director

Wayne Tremblay

Carol Craswell

CAPITAL PROJECTS

Western Regional Engineer

Eastern Regional Engineer

Materials and Soils

Highway Design and Bridge Maintenance

Stephen Yeo, Director

Mark Sherren

Stephen Pigott

Tim Cheverie

Darrell Evans

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

Gordie Lund

Gerard Morrison

Wilf MacDonald

Clay Moase

Bruce MacMillian

Charles MacLaren

Wayne MacPhee

POLICY AND PLANNING

Paul Godfrey

INFRASTRUCTURE SECRETARIAT

Paul Godfrey, Acting Director

ACCESS PEI

Mark Arsenault, Director

ENERGY AND MINERALS

Kim Horrelt, Chief Executive Officer

CORPORATE SERVICES DIVISION

The Corporate Services Division is responsible for the administrative and financial aspects of the Department as well as department centralized planning, administrative and records management functions. This includes the following:

- Planning
- Records Management
- Inventory Control Manager
- Department Receptionist
- Support Staff

As part of the 2011 Provincial Budget address, the Premier announced that "Government will examine the feasibility of expanding a shared service model to include other corporate services functions such as Finance, Administration and Human Resource Management".

Centralization of Corporate Services (Finance & Human Resources) was implemented April 1, 2012 with Civil Service departmental Finance Directors, Managers, Senior Finance and finance clerk positions being transferred to the Treasury Board Secretariat and Human Resource (HR) Managers, HR Officers, HR Assistants and payroll positions being transferred to the Public Service Commission. Although Corporate Services have been centralized, the Finance Director, HR Manager and staff have been assigned to the Department maintain their existing work locations and continue to receive instruction from appropriate departmental personnel.

Advantages to centralization Corporate Services include, but are not limited to the following:

- 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:

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

Finance

Responsible to provide financial and administration services for the Department, including:

- 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, 2019 follows at the end of the Annual 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 relation issues

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

HIGHWAY SAFETY AND INFORMATION TECHNOLOGY DIVISION

The overall objective is to promote and enforce safe conditions for all highway users, issue drivers licenses, provide registration for vehicles and drivers, and to support the Minister of Transportation, Infrastructure and Energy in the administration of the Highway Traffic Act, Off-Highway Vehicle Act, Roads Act, and the Transportation of Dangerous Goods Act and 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

Legislative Changes

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

Drug Impaired Driving

Amended all Sections of the Highway Traffic Act that were necessary to reflect amendments to the impaired driving provisions of the Criminal Code of Canada, effective December 18, 2018.

Tow Truck

Amended section of the Highway Traffic Act that concerns vehicles passing emergency vehicles stopped on the highway with emergency lights in operation to slow to half the posted speed to include tow trucks stopped on the highway with emergency lights activated.

Ignition Interlock Program

Updates to Regulations to reflect the following:

The mandatory minimum times in the Ignition Interlock Program are as follows:

- 1st offence – 1 year
- 2nd offence (BAC reading at the time of the offence 160 or below) - 3 years
- 2nd offence (BAC greater than 120) - 5 years
- 2nd offence (Refusing the Breathalyzer) - 5 years
- 3rd and subsequent offence – 10 years

All drivers that have been convicted of impaired driving and at the time of the offence there was a passenger in the vehicle below the age of 16 years, will have an additional 1 year added to the required mandatory Ignition Interlock time.

2nd offence - After completing the mandatory ignition interlock term, the driver is issued a Restricted Zero BAC Driver's License for a period of 3 years. It is an offence to operate a motor vehicle with any alcohol in your system when holding a Restricted Zero BAC Driver's License.

3rd and subsequent offence - After completing 5 clean years of the 10-year mandatory Ignition Interlock term, the driver may apply to the Registrar of Motor Vehicles for a Restricted Zero BAC Driver's License and a Specially Coded Zero BAC License Plate.

If the application is approved, the driver can complete the remaining 5 years of the Ignition Interlock Term with a Restricted Zero BAC Driver's License and a Specially Coded Zero BAC License Plate.

Driver Records Section

The 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 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.

This Section maintains a close working relationship with all law enforcement agencies throughout the Province along with various other government departments and in particular, the Office of the Attorney General. The Driver Records Section 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 Driver Records Section. This service is available to insurance companies, law enforcement, the legal community or 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 below with the 2017-2018 figures displayed for comparison purposes.

Driver License Suspensions and Cancellations	2017-2018	2018-2019
Section 253(1)(a) Criminal Code (Impaired Driving)	25	38
Section 253(1)(b) Criminal Code (Failing the Breathalyzer)	185	177
Section 245(5) Criminal Code (Refusal of the Breathalyzer)	18	19
Total Alcohol Related Convictions	228	269
Administrative Driving Prohibitions	264	269
7 Day Suspensions 277.1 (3.2) Highway Traffic Act	100	99

Driver License Suspensions and Cancellations	2017-2018	2018-2019
30 Day Suspensions 277.1 (3.3) Highway Traffic Act	3	4
90 Day Suspensions 277.1 (3.5) Highway Traffic Act	1	0

Driver License Suspensions and Cancellations	2017-2018	2018-2019
Vehicle Impoundments	161	372
Demerit Point System (Point Accumulation)	366	321
Theft of a Motor Vehicle	13	11
Default in Payment of Fine(s)	2,609	3,375
Failure to Satisfy a Judgment (Accident with an uninsured)	8	3
Number of Warning Letters Issued (Point Accumulation)	1,138	908
Number of Driving Record Interviews Issued (Point Accumulation)	240	147

Driver required to undergo a re-examination for various reasons (Request from Law Enforcement, Medical Practitioner, etc.)	2017-2018	2018-2019
Medical Referrals Issued	384	439
Medical Referrals Issued for Commercial Drivers	3,290	2,954
Vision Referrals Issued	134	116
Driving Re-Examinations Conducted	682	758
Driving Record Interviews	67	132
Restricted Driver Licenses Issued	35	55
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	30,902	33,225
Abstract Fee (\$25.00)	772,550	830,628

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
Year	First	Second	Third or More	Total Impaired Convictions
2018	67.5%	21%	11.5%	234
2017	67.7%	17%	15.3%	229
2016	66%	19.3%	14.7%	253
2015	67%	17.6%	15.4%	239
2014	62.7%	22.4%	14.9%	241

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
2013	56.9%	17.8%	25.3%	297
2012	57.8%	22.3%	19.9%	327

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
Year	First	Second	Third or More	Total Impaired Convictions
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

INFORMATION TECHNOLOGY

Highway Safety has the following computer applications from which statistical information can be generated:

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.

Computer Applications Supported Within the Department

Other computer applications within the Department which the Information Technology Section support are:

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.

Electronic Billing Information System (EBIS):

Tracking of utility bills and kilowatt usage for all government departments.

Fleet Management System (FMS):

Manages the corporate fleet of leased 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 employee with the Department of Transportation, Infrastructure and Energy.

Pavement Management System (PMS):

Collects data on pavement conditions and road attributes.

Highway Lab Information Management System (HLJMS):

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 inter-jurisdictional and intra-jurisdictional basis.

Typically, vehicles over 11,794 kg (26,000 lb.) or buses that wish to travel in two or more jurisdictions must register under IRP. 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, 2018 to March 31, 2019 there were a total of **191** Prince Edward Island based carriers registering a total of **803** vehicles in the Agreement.

IRP Clearing house

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconciliation of registration and tax fee information and funds through a central computer system among member jurisdictions of the International Registration Plan. Presently 57 of the 59 member 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, 2018 - March 31, 2019 are listed in the tables that follow.

DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2018 - MARCH 31, 2019

PROVINCE	REG FEES	RST	HST	ADMIN FEES	AUDITS	OTHER ADD FEES	TOTAL FEES
PE	\$441,246.00	\$0.00	\$8,792.08	\$46,560.00	\$1,243.80	\$1,015.00	\$498,856.88
NB	\$549,306.77	\$0.00	\$0.00	\$0.00	\$751.22	\$0.00	\$550,057.99
NS	\$234,294.14	\$0.00	\$0.00	\$0.00	\$364.53	\$0.00	\$234,658.67
NL	\$2,333.57	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,333.57
QC	\$158,371.75	\$0.00	\$0.00	\$0.00	\$142.20	\$0.00	\$158,513.95
ON	\$147,593.00	\$0.00	\$0.00	\$0.00	\$158.00	\$0.00	\$147,751.00
MB	\$1,469.00	\$0.00	\$3,639.19	\$0.00	\$0.00	\$0.00	\$5,108.19
SK	\$2,301.00	\$0.00	\$4,069.67	\$0.00	\$0.00	\$0.00	\$6,370.67
AB	\$2,267.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,267.00
BC	\$2,279.31	\$0.00	\$4,865.29	\$0.00	\$0.00	\$0.00	\$7,144.60
TOTALS	\$1,541,461.54	\$0.00	\$21,366.23	\$46,560.00	\$2,659.75	\$1,015.00	\$1,613,062.52

All fees are in Canadian Dollars.

DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS FOR U.S. JURISDICTIONS APRIL 1, 2018 – MARCH 31, 2019

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADD FEES	TOTAL FEES US DOLLARS
Alabama	\$91.38	\$0.00	\$0.00	\$0.00	\$91.38
Arizona	\$1,707.36	\$0.00	\$0.00	\$0.00	\$1,717.36
Arkansas	\$134.01	\$0.00	\$0.00	\$0.00	\$134.01
California	\$2,941.00	\$0.00	\$0.00	\$0.00	\$2,941.00
Colorado	\$411.55	\$0.00	\$245.96	\$17.36	\$674.87
Connecticut	\$14,804.23	\$0.00	\$0.00	\$8.59	\$14,812.82
Delaware	\$1,194.37	\$0.49	\$0.00	\$0.00	\$1,194.86
Dist. of Columbia	\$9.59	\$0.00	\$0.00	\$0.00	\$9.59
Florida	\$2,650.37	\$1.77	\$0.00	\$0.00	\$2,652.14
Georgia	\$1,002.91	\$0.54	\$388.33	\$0.00	\$1,391.78
Idaho	\$928.74	\$0.00	\$0.00	\$6.94	\$935.68
Illinois	\$4,014.24	\$1.00	\$0.00	\$0.00	\$4,015.24
Indiana	\$1,464.78	\$0.30	\$541.69	\$0.00	\$2,006.77

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADD FEES	TOTAL FEES US DOLLARS
Iowa	\$977.12	\$0.00	\$0.00	\$0.00	\$977.12
Kansas	\$81.62	\$0.00	\$16.91	\$1.11	\$99.64
Kentucky	\$375.13	\$0.00	\$126.71	\$0.00	\$501.84
Louisiana	\$19.59	\$0.00	\$0.00	\$0.00	\$19.59
Maine	\$40,142.79	\$0.00	\$49,783.32	\$21.89	\$89,948.00
Maryland	\$3,447.04	\$1.71	\$0.00	\$0.00	\$3,448.75
Massachusetts	\$20,769.77	\$7.06	\$0.00	\$0.00	\$20,776.83
Michigan	\$5,720.08	\$1.95	\$0.00	\$0.00	\$5,722.03
Minnesota	\$528.05	\$0.00	\$0.00	\$0.00	\$528.05
Mississippi	\$124.01	\$0.00	\$0.00	\$84.36	\$208.37
Missouri	\$627.45	\$0.00	\$0.00	\$0.00	\$627.45
Montana	\$391.24	\$0.00	\$0.00	\$198.30	\$589.54
Nebraska	\$701.92	\$0.00	\$0.00	\$0.00	\$701.92
Nevada	\$399.35	\$0.00	\$406.95	\$0.00	\$806.30
New Hampshire	\$2,243.96	\$0.76	\$0.00	\$0.00	\$2,244.72
New Jersey	\$11,661.98	\$6.84	\$0.00	\$0.00	\$11,668.82
New Mexico	\$62.06	\$0.00	\$0.00	\$0.00	\$62.06
New York	\$15,846.70	\$13.30	\$0.00	\$3,928.57	\$19,788.57
North Carolina	\$3,694.36	\$1.42	\$0.00	\$0.00	\$3,695.78
North Dakota	\$210.79	\$0.00	\$0.00	\$0.00	\$210.79
Ohio	\$1,352.91	\$0.00	\$0.00	\$0.00	\$1,352.91
Oklahoma	\$312.06	\$0.00	\$0.00	\$31.85	\$343.91
Oregon	\$283.73	\$0.00	\$0.00	\$0.00	\$283.73
Pennsylvania	\$24,027.00	\$16.69	\$2,095.63	\$0.00	\$26,139.32
Rhode Island	\$244.16	\$0.01	\$0.00	\$0.00	\$244.17
South Carolina	\$1,348.44	\$0.56	\$0.00	\$0.00	\$1,349.00
South Dakota	\$218.32	\$0.00	\$0.00	\$0.00	\$218.32
Tennessee	\$379.87	\$0.00	\$0.00	\$0.00	\$379.87
Texas	\$293.02	\$0.00	\$0.00	\$0.00	\$293.02
Utah	\$323.17	\$0.00	\$0.00	\$270.03	\$593.20
Vermont	\$2,337.00	\$0.00	\$0.00	\$0.00	\$2,337.08
Virginia	\$4,629.42	\$1.74	\$0.00	\$0.00	\$4,631.16
Washington	\$1,449.19	\$0.00	\$0.00	\$249.18	\$1,698.37
West Virginia	\$506.88	\$0.37	\$410.04	\$0.00	\$917.29
Wisconsin	\$3,468.42	\$1.42	\$0.00	\$0.00	\$3,469.84

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADD FEES	TOTAL FEES US DOLLARS
Wyoming	\$371.58	\$0.00	\$0.00	\$630.08	\$1,001.66
TOTALS	\$180,924.71	\$57.93	54,015.54	5,448.26	\$240,456.52

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2018 – MARCH 31, 2019**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX	ADD FEES	TOTAL FEES
NB	\$214,635.96	\$4.00	\$0.00	\$0.00	\$214,639.96
NS	\$88,295.00	\$65.20	\$0.00	\$0.00	\$88,360.20
NL	\$3,542.00	\$0.00	\$0.00	\$0.00	\$3,542.00
QC	\$26,367.00	(\$27.11)	\$0.00	\$0.00	\$26,339.89
ON	\$13,935.00	(\$0.11)	\$0.00	\$0.00	\$13,934.89
MB	\$3,303.00	\$0.00	\$0.00	\$0.00	\$3,303.00
SK	\$30.00	\$0.00	\$0.00	\$0.00	\$30.00
AB	\$7,728.00	(\$29.00)	\$0.00	\$0.00	\$7,699.00
BC	\$1,846.00	\$0.00	\$0.00	\$0.00	\$1,846.00
TOTALS	\$359,681.96	\$12.98	\$0.00	\$0.00	\$359,694.95

All Fees in Canadian Dollars.

**DISTRIBUTION OF REVENUE COLLECTED BY US JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2018 – MARCH 31, 2019**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Alabama	\$6,875.00	\$0.00	\$0.00	\$6,875.00
Arizona	\$2.00	\$0.00	\$0.00	\$2.00
Arkansas	\$92.74	\$0.00	\$0.00	\$92.74
California	\$4.16	\$0.00	\$0.00	\$4.16
Colorado	\$3,670.00	\$0.00	\$0.00	\$3,670.00

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Connecticut	\$941.00	\$0.00	\$0.00	\$941.00
Delaware	\$0.00	\$0.00	\$0.00	\$0.00
Dist. of Columbia	\$0.00	\$0.00	\$0.00	\$0.00
Florida	\$2,498.74	\$0.00	\$0.00	\$2,498.74
Georgia	\$50.00	\$0.00	\$0.00	\$50.00
Idaho	\$1,820.00	\$0.00	\$0.00	\$1,820.00
Illinois	\$2,738.50	\$0.04	\$0.00	\$2,738.54
Indiana	\$120.00	\$0.00	\$0.00	\$120.00
Iowa	\$0.00	\$0.00	\$0.00	\$0.00
Kansas	\$12.00	\$0.00	\$0.00	\$12.00
Kentucky	\$0.00	\$0.00	\$0.00	\$0.00
Louisiana	\$90.00	\$0.00	\$0.00	\$90.00
Maine	\$4,417.00	\$0.00	\$0.00	\$4,417.00
Maryland	\$0.00	\$0.40	\$0.00	\$0.40
Massachusetts	\$110.00	(\$3.00)	\$0.00	\$107.00
Michigan	\$22,238.00	\$0.60	\$0.00	\$22,238.60
Minnesota	\$8.00	\$0.00	\$0.00	\$8.00
Mississippi	\$3.02	\$0.00	\$0.00	\$3.02
Missouri	\$4,363.00	\$0.00	\$0.00	\$4,363.00
Montana	\$221.33	\$0.00	\$0.00	\$221.33
Nebraska	\$2.79	\$0.00	\$0.00	\$2.79
Nevada	\$766.00	\$0.00	\$0.00	\$766.00
New Hampshire	\$466.50	\$0.00	\$0.00	\$466.50
New Jersey	\$5,306.00	\$0.00	\$0.00	\$5,306.00
New Mexico	\$4.00	\$0.00	\$0.00	\$4.00
New York	\$1,187.00	\$0.00	\$0.00	\$1,187.00

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
North Carolina	\$55.63	\$0.00	\$0.00	\$55.63
North Dakota	\$6.36	\$0.36	\$0.00	\$6.72
Ohio	\$5.00	\$0.00	\$0.00	\$5.00
Oklahoma	\$10.80	\$0.00	\$0.00	\$10.80
Oregon	\$0.00	\$0.00	\$0.00	\$0.00
Pennsylvania	\$5,180.00	\$0.00	\$0.00	\$5,180.00
Rhode Island	\$0.00	\$0.00	\$0.00	\$0.00
South Carolina	\$0.00	\$0.00	\$0.00	\$0.00
South Dakota	\$0.00	\$0.00	\$0.00	\$0.00
Tennessee	\$13.05	(\$0.15)	\$0.00	\$12.90
Texas	\$8.00	\$0.00	\$0.00	\$8.00
Utah	\$0.01	\$0.00	\$0.00	\$0.01
Vermont	\$21.00	\$0.00	\$0.00	\$21.00
Virginia	\$55.20	(\$4.73)	\$0.00	\$50.47
Washington	\$57.00	(\$11.96)	\$0.00	\$45.04
West Virginia	\$0.00	\$0.00	\$0.00	\$0.00
Wisconsin	\$50.00	\$0.00	\$0.00	\$50.00
Wyoming	\$51.00	\$0.00	\$0.00	\$51.00
TOTALS	\$63,519.83	(\$18.44)	\$0.00	\$63,501.39

**RECAP OF REVENUE
APRIL 1, 2018 – MARCH 31, 2019**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island:	\$498,856.88
Revenue Collected for Canadian Jurisdictions:	\$1,114,195.74
Total Canadian Revenue Collected from PE Base Plated Carriers	\$1,613,062.52
Total U. S. Revenue Collected from PE Base Plated Carriers:	\$240,446.52

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PEI by Canadian Jurisdictions:	\$359,694.95
Revenue Collected for PEI by US Jurisdictions:	\$63,501.39

Registration and Licensing

Registration and Licensing service delivery is carried out through a service level agreement with Access P.E.I.

Vehicle Registration Breakdown

Type	2017-2018	2018-2019
Cars	79,698	82,431
Trucks	26,936	27,976
Motorcycles	2,723	2,794
Buses	445	458
Trailer	16,598	17,396
Off-Road Vehicle	4,178	4,948
Miscellaneous - Other Vehicles	1,111	1,169
Total Registrations	131,689	137,172

Total Number of Drivers per Class

Class	2017-2018	2018-2019
CLASS 1 - Tractor Trailers	4,266	4,361
CLASS 2 – Bus (more than 24 passengers including School Bus)	1,128	1,136
CLASS 3 Trucks over 14,000 kg	4,144	4,092
CLASS 4 - Ambulance, Bus, Taxi (less than 24 passengers)	2,379	2,401
CLASS 5 - Car, light truck	96,142	98,485
CLASS 6 – Motorcycle	11,356	11,658
CLASS 7 - Beginner's Instruction Permit	3,176	3,326

Driver Testing Statistics

Knowledge Tests 2017-2018	Knowledge Tests 2018-2019	Road Tests 2017-2018	Road Tests 2018-2019
3,040	2,891	3,502	3,119

Driver Education Licensing Certification Program

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

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

Driver Education School – Class 5 Driver License

Written Examinations		Road Tests	
2017- 2018	275	2017- 2018	349
2018 - 2019	242	2018 - 2019	333

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 19 drivers successfully completed the Driver Improvement Course.

Driver Rehabilitation Program

All drivers who are convicted of a second or subsequent offence for impaired driving pursuant to Section 253(a) (impaired driving), 253(b) (failing the breathalyzer), or 254(c) (refusal of the breathalyzer) of the Criminal Code of Canada must complete a driver risk assessment which is conducted by Highway Safety. This assessment must be completed before a suspended driver can have 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, 142 drivers completed Driver Rehabilitation Program.

Conservation Plates

Conservation License Plates were made available to public for sale on September 20, 2013. Conservation Plates are available for a \$10 annual fee and all proceeds go to the Wildlife Conservation Fund, which helps to protect and enhance wildlife and habitat. In the first year alone, 12,276 conservation plates were sold between September 2013 and September 2014.

Sale of Conservation Plates

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

The plates are available in French and in English with 5 unique designs.

Red Fox	1,101
Blue jay	441
Canada Goose	264
Brook Trout	335
Lady Slipper	207

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 the following programs:

- Promotion of Highway Safety
- Driver Improvement Programs
- Motor Vehicle Inspection
- Highway Weight Enforcement
- 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.

Ignition Interlock Program

This program is available to offenders after a drinking and driving 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	DWI CONVICTIONS	TOTAL IIPS INSTALLED
2007	411	47
2008	365	61
2009	392	68
2010	424	73
2011	373	99
2012	327	94
2013	297	179
2014	241	139
2015	239	192
2016	249	210
2017	229	186
2018	250	191

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 690 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 43 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 2018, there were 1,565 collisions resulting in 1,148 injuries and 15 fatalities. The fatalities included 9 drivers of vehicles, 1 drivers of motorcycle, 1 passenger of vehicles, 1 passenger of motorcycle, 2 pedestrians and 1 cyclist.

Traffic Safety Promotion

Highway Safety provides information regarding traffic safety through the use of the 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

No. Stations	No. Mechanics	Results of Inspections	Cars Light Trucks	Trucks	Farm Trucks	Motorcycle Light Trailer	Trailers with Brakes
265	595	Passed	76,000	804	200	4,041	1,050
		Rejected	3,807	1,320	570	97	1520

Vehicle Type	Defective Brakes	Defective Tires/ Wheels	Defective Suspensions	Defective Steering	Defective Exhaust	Defective Body/ Frame	Windshield and Glazing
Light Vehicle	9,666	4,888	5,494	3,406	2,063	2,289	997
Commercial Vehicle	972	458	320	206	182	192	121

Commercial Vehicle Enforcement

Roadside Vehicle Checks - Highway Safety Peace Officers, in cooperation with police agencies, conducted 15 roadside vehicle check stops throughout the year. Items checked include driver's

license, vehicle registration, inspection, insurance coverage, use of seat belts, window tint and infractions under the Liquor Control Act.

Inspection Facilities (Stationary Scales)

There is one weigh scale station in Prince Edward Island located at Borden-Carleton. The Borden-Carleton Scale 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	321,540
U.S. Trucks	Borden/Carleton Scales	322

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	17,020
Hours of Work (Driver's Log)	Borden/Carleton Scales	208
Trip Inspections	Borden/Carleton Scales	208
Dangerous Goods Inspections	Borden/Carleton Scales	9

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales	0
Potato Disinfectant Slips Collected	Borden/Carleton Scales	0
Vehicles Checked for Taxable Goods	Borden/Carleton Scales	25
Forest Products	Borden/Carleton Scales	
Vehicles Quarantined	Borden/Carleton Scales	884
Plant Health Act	Borden/Carleton Scales	0
Apiary Act	Borden/Carleton Scales	14
Animal Health Act	Borden/Carleton Scales	101
Fisheries Product Act	Borden/Carleton Scales	2,352

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales	135	\$ 1,350.00
Oversize	Borden/Carleton Scales	1,146	\$140,850.00
Overweight	Borden/Carleton Scales	240	\$30,310.00
Trip	Borden/Carleton Scales	38	\$85,110.00
Fuel	Borden/Carleton Scales	776	\$19,400.00
Work	Borden/Carleton Scales	66	\$23,000.00
Non-Compliance	Borden/Carleton Scales	4,028	\$80,400.00
Other Front-end Decals	Borden/Carleton Scales	35	\$700.00
TOTALS	Borden/Carleton Scales	6,464	\$381,120.00

Recorded Violations

Item	Location	Number	Revenue
Roads Act	Borden/Carleton Scales	86	\$22,622.00
Highway Traffic Act	Borden/Carleton Scales	22	\$5,475.00
Totals	Borden/Carleton Scales	108	\$28,097.00

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).

Driver's inspected fall into two principle areas:

- Non-compliant
- Compliant

These inspections would include hours of service (logbook), status of license, required endorsements, etc.

Commercial Vehicle Safety Alliance Statistics

Item	2017-2018	2018-2019
Total Number of Trucks & Truck Trailers Inspected	365	314
Power Units Out of Service	25	19
Tractor Trailers Out of Service	27	10

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

Portable Scales Statistics

Charges	Revenue
441	\$116,426

Carrier Management

The National Safety Code Auditor completed 10 educational visits to carrier locations throughout the province. As well, there were thirteen Carrier Audits completed and three presentations to transportation groups on the new Hours of Service Regulations.

Dealer Audits

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

PUBLIC WORKS AND PLANNING DIVISION

The Division provides the staff and resources required to:

- Complete the design and construction of new capital building projects, as well as renovation of existing buildings for Government departments, boards, and agencies.
- Operate and maintain buildings owned or leased by the Department.

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

Building Design and Construction

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

<u>Hernewood Intermediate School - Partial Roof Replacement - 19-Apr-18</u>	
Atlantic Roofers Ltd.	\$110,487.00
Ashe Roofing Ltd.	\$122,660.00
<u>West Kent Elementary School - Boiler and Stack Replacement - 19-Apr-18</u>	
Blair LaPierre Inc.	\$129,771.00
Bevan Bros. Limited	\$144,000.00
Entire Mechanical Contractors	\$166,600.00
Ron's Plumbing & Heating Inc.	\$171,000.00
<u>St. Jean Elementary School - Partial Roof Replacement - 24-Apr-18</u>	
Ashe Roofing Ltd.	\$143,360.00
Atlantic Roofers Ltd.	\$170,710.00
<u>Eliot River Elementary School - Partial Roof Replacement - 17-May-18</u>	
Atlantic Roofers Ltd.	\$31,872.00
Ashe Roofing Ltd.	\$36,800.00
<u>Prince County Hospital - Renovation and Addition - Phase 2 - 23-May-18</u>	
Strategic Construction	\$3,660,000.00
WM&M (1993) Ltd.	\$4,182,000.00
Brighton Construction Ltd.	\$4,241,000.00
PCL Constructors Canada Inc.	\$5,463,645.00
Maclean Construction Ltd.	\$7,000,000.00
<u>Stratford School Addition- Phase 1: Site Work and Foundation Construction 24-May-18</u>	
Sperra Construction Group Inc.	\$388,800.00
WM&M (1993) Ltd.	\$470,625.00
Brighton Construction Ltd.	\$474,000.00
Strategic Construction	\$545,000.00
<u>Granville Street Liquor Store - Interior Renovation - 24-May-18</u>	
Brighton Construction Ltd.	\$244,000.00
WM&M (1993) Ltd.	\$253,000.00
Sperra Construction Group Inc.	\$262,200.00
Strategic Construction	\$352,000.00
<u>Morell Consolidated School - Early Years Centre - Renovations - 24-May-18</u>	
Sperra Construction Group Inc.	\$224,800.00
Strategic Construction	\$240,000.00
WM&M (1993) Ltd.	\$244,000.00
<u>Belfast Consolidated School - Partial Roof Replacement - 7-Jun-18</u>	
Atlantic Roofers Ltd.	\$70,948.00
Ashe Roofing Ltd.	\$92,400.00
<u>Glen Stewart Primary School - Oil Tank Replacement - 7-Jun-18</u>	
GNL Environmental Inc.	\$46,380.00
Bevan Bros. Limited	\$54,000.00
Ron's Plumbing & Heating Inc.	\$57,300.00
<u>Morell Regional High School - Partial Roof Replacement - 7-Jun-18</u>	
Atlantic Roofers Ltd.	\$72,890.00
Ashe Roofing Ltd.	\$84,400.00

St. Louis Elementary School - Oil Tank Replacement - 7-Jun-18

Ron's Plumbing & Heating Inc.	\$24,400.00
GNL Environmental Inc.	\$27,380.00

LM. Montgomery Elementary School - Addition/Renovation: Phase 1 - 21-Jun-18

WM&M (1993) Ltd.	\$558,700.00
Brighton Construction Ltd. James	\$705,000.00
C. Johnson Associates	\$719,500.00
Strategic Construction	\$800,000.00

Ecole Evangeline - Partial Roof Replacement - 28-Jun-18

Atlantic Roofers Ltd.	\$31,927.00
McCarthy's Roofing Ltd. Evolution	\$46,850.00
Roofing Ltd.	\$61,130.00

Mount Stewart Consolidated School - Gymnasium Floor Replacement - 5-Jul-18

Centaur Products (Atlantic) Inc.	\$80,455.00
Ralph Connor Co. Ltd.	\$87,713.00
Strategic Construction	\$93,500.00

Stratford School Addition - Phase 2: Construction - 6-Jul-18

WM&M (1993) Ltd.	\$3,708,000.00
Maclean Construction Ltd.	\$3,809,600.00
Brighton Construction Ltd.	\$3,967,500.00
Sperra Construction Group Inc.	\$3,990,000.00
Strategic Construction	

Bloomfield Elementary School - Oil Tank Replacement - 12-Jul-18

Ron's Plumbing & Heating Inc.	\$30,200.00
GNL Environmental Inc.	\$35,220.00

West Kent. Parkdale & Central Queens Schools - Soffit & Fascia Repairs - 12-Jul-18

Strategic Construction	\$49,500.00
James C. Johnson Associates	\$65,900.00

M.E. Callaghan Intermediate School - Partial Roof Replacement - 12-Jul-18

Ashe Roofing Ltd.	\$124,400.00
Atlantic Roofers Ltd.	\$172,900.00

Former Summerset Manor - Demolition - 17-Jul-18

A.J.L. Ltd.	\$377,000.00
Strategic Construction	\$395,000.00
Sperra Construction Group Inc.	\$528,100.00
Fitzgerald and Snow (2010) Ltd.	\$860,300.00

Riverview Long Term Care Facility - TP 13: Directories & Signage - 24-Jul-18

Motion Graphics (PEI) Limited	\$25,988.00
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Vernon River Consolidated School - Partial Roof Replacement - 26-Jul-18

Ashe Roofing Ltd.	\$233,750.00
A-Tech Roofing Ltd.	\$306,400.00
Atlantic Roofers Ltd.	\$312,165.00

Westisle Composite High School - Partial Roof Replacement - 26-Jul-18

Atlantic Roofers Ltd.	\$152,670.00
Ashe Roofing Ltd.	\$173,660.00
A-Tech Roofing Ltd.	\$214,400.00

<u>M. E. Callaghan Intermediate School - R.O. Water Systems - 31-Jul-18</u>	
Bevan Bros. Limited	\$77,400.00
Ron's Plumbing & Heating Inc.	\$83,000.00
<u>Morell Regional High School - Diesel Tank Replacement - 31-Jul-18</u>	
GNL Environmental Inc.	\$19,100.00
Bevan Bros. Limited	\$20,950.00
<u>Wedgewood Manor - Back-up Generator Replacement - 2-Aug-18</u>	
Hansen Electric Ltd.	\$158,000.00
Ainsworth Inc.	\$162,500.00
Olympia Electric Ltd.	\$217,000.00
R.I.K.S. Electric	\$217,530.00
<u>Public Health Services - 205 Linden Avenue - New Windows & Siding - 2-Aug-18</u>	
Strategic Construction	\$116,000.00
T&K Home Improvements (Non-compliant bid)	\$114,800.00
<u>Spring Park Elementary School - Mobile Classroom Relocation - 16-Aug-18</u>	
Strategic Construction	\$61,000.00
<u>Queens County Highways Depot-Phase 5a: Site Work & Perimeter Foundation- 23-Aug-18</u>	
Brighton Construction Ltd.	\$1,029,000.00
Sperra Construction Group Inc.	\$1,144,200.00
Maclean Construction Ltd.	\$1,253,000.00
<u>L.M. Montgomery Elementary School-Addition/Renovation: Phase 2-27-Sep-18</u>	
WM&M (1993) Ltd.	\$3,606,000.00
Brighton Construction Ltd.	\$3,663,000.00
Maclean Construction Ltd.	\$3,856,000.00
PCI Constructors Canada Inc.	\$4,109,000.00
<u>Queen Elizabeth Elementary School - Diesel Tank Replacement - 2-Oct-18</u>	
Ron's Plumbing & Heating Inc.	\$121,800.00
GNI Environmental Inc.	\$130,000.00
<u>École Francois-Buote - Partial Roof Replacement - 4-Oct-18</u>	
Atlantic Roofers Ltd.	\$172,200.00
Ashe Roofing Ltd.	\$175,500.00
<u>École Pierre-Chiasson - Gymnasium Lighting Upgrade - 4-Oct-18</u>	
Hansen Electric Ltd.	\$13,300.00
Ainsworth Inc.	\$19,200.00
<u>Englewood Consolidated School - Boiler Replacement - 4-Oct-18 (Propane Verses Oil)</u>	
Entire Mechanical Contractors	(P) \$176,000.00 (O) \$212,000.00
Water Tight Plumbing & Heating Inc.	(P) \$201,503.00 (O) \$241,400.00
Ron's Plumbing & Heating Inc.	(P) \$209,000.00 (O) \$196,000.00
Bevan Bros. Limited	(P) \$251,000.00 (O) \$248,000.00

<u>Georgetown Elementary School-Boiler Replacement- 4-Oct-18 (Propane Verses Oil)</u>	
Entire Mechanical Contractors	(P) \$187,000.00 (O) \$134,000.00
Water Tight Plumbing & Heating Inc.	(P) \$194,403.00 (O) \$159,100.00
Ron's Plumbing & Heating Inc.	(P) \$228,000.00 (O) \$152,000.00
Bevan Bros. Limited	(P) \$244,000.00 (O) \$187,000.00
<u>Oak Tree Liquor Store - Exterior Renovation - 4-Oct-18</u>	
WM&M (1993) Ltd.	\$267,900.00
Maclean Construction Ltd.	\$338,900.00
<u>Hillsborough Hospital - Unit 3B Renovations - 30-Oct-18</u>	
Maclean Construction Ltd.	\$391,000.00
Milton Jenkins Construction Ltd.	\$495,000.00
<u>Western Hospital - Dialysis Unit Renovations - 30-Oct-18</u>	
Wellington Construction Co. Ltd.	\$553,000.00
<u>Souris Hospital - Kitchen HRU Replacement - 15-Nov-18</u>	
First Mechanical Systems Ltd.	\$135,976.00
Entire Mechanical Contractors	\$143,000.00
<u>EPTEK Centre – Renovations – 22 Nov-18</u>	
Strategic Construction	\$86,000.00
Wellington Construction Co. Ltd.	\$137,800.00
<u>Beach Grove Warehouse – Demolition – 6-Dec-18</u>	
Kildare Construction Ltd.	\$22,050.00
Earthform Corporation	\$26,850.00
Strategic Construction	\$35,000.00
Glenn's Place Ltd.	\$37,690.00
Kings County Construction Ltd.	\$39,895.00
G&P Trucking & Construction Ltd	\$45,366.00
<u>Summerside Seniors Housing Complex - Site Work - 6-Dec-18</u>	
Curran and Briggs Ltd.	\$56,900.00
AJL Ltd.	\$117,329.50
Island Coastal Services Ltd.	\$297,735.61
<u>Eptek Centre - Heating and Cooling Replacement (AHU) - 11-Feb-19</u>	
Ron's Plumbing & Heating Inc.	\$69,000.00
Doucette Bros. Plumbing & Heating Inc.	\$70,600.00
Blair LaPierre Inc. (Mr. Plumber)	\$80,567.00
Bevan Bros. Limited	\$80,930.00
<u>Queens County Highways Depot-Phase 5b: Building & Final Site Work - 12-Feb-19</u>	
WM&M (1993) Ltd.	\$9,791,000.00
Fitzgerald and Snow (2010) Ltd.	\$9,993,000.00
Brighton Construction Ltd.	\$10,049,000.00
Strategic Construction	\$10,200,000.00
Marco Maritimes Limited	\$10,223,000.00
APM Construction Services Inc.	\$10,297,252.00

Western and Community Hospitals - Nurse Call System Upgrades - 20-Feb-19

Ainsworth Inc.	\$211,625.00
Olympia Electric Ltd.	\$282,268.00

O'Leary Elementary School - Partial Roof Replacement - 21-Feb-19

Atlantic Roofers Ltd.	\$90,704.00
Ashe Roofing Ltd.	\$106,800.00
A-Tech Roofing Ltd.	\$119,200.00

Stonepark Intermediate School - Partial Roof Replacement - 21-Feb-19

Ashe Roofing Ltd.	\$181,800.00
Atlantic Roofers Ltd.	\$198,243.00
A-Tech Roofing Ltd.	\$215,800.00

Kings County Memorial Hospital - Lab & Front Entry Renovation - 7-Mar-19

Strategic Construction	\$750,000.00
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Former Prince Edward Home Demolition - 7-Mar-19

Kildare Construction Ltd.	\$2,388,818.00
Maclean Construction Ltd.	\$2,496,000.00
Dexter Construction Company Limited	\$2,668,000.00
Duffy Construction Ltd.	\$2,689,500.00
Capital Demolition & Environmental Services II Inc.	\$2,933,520.00
Label Construction Ltd.	\$2,999,432.00
C.N.F. Mallet Ltd.	\$3,066,000.00

Summerside Seniors Housing Complex - Phase 2 - 7-Mar-19

Strategic Construction	\$4,050,000.00
APM Construction Services Inc.	\$4,866,432.00

20 Unit Transitional Housing Complex - 14-Mar-19

Sperra Construction Group Inc.	\$2,198,000.00
Strategic Construction	\$2,300,000.00
WM&M (1993) Ltd.	\$2,545,000.00
Brighton Construction Ltd.	\$2,739,000.00

East Wiltshire Intermediate School - Partial Roof Replacement - 21-Mar-19

Ashe Roofing Ltd.	\$161,700.00
A-Tech Roofing Ltd.	\$173,800.00
Atlantic Roofers Ltd.	\$179,885.00

M.E. Callaghan Intermediate School - Partial Roof Replacement - 21-Mar-19

Ashe Roofing Ltd.	\$98,700.00
A-Tech Roofing Ltd.	\$109,300.00
Atlantic Roofers Ltd.	\$115,945.00

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2018 but under construction between April 1, 2018 and March 31, 2019:

- TOSH – Major Renovations
- Riverview Long Term Care Facility
- Tyne Valley Long Term Care Facility
- QEHR Renal Clinic

Biomass Heat

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat for 28 Government facilities; the facilities which utilized biomass for the primary source of heat prior to March 31, 2019 were:

- Community Hospital O'Leary
- Three Oaks High School
- Three Oaks ETC
- Bluefield High School
- Wedgewood Manor
- Maplewood Manor
- Miscouche School
- Western Hospital
- Athena School
- Summerside Intermediate School
- Souris Hospital
- Souris K to 12 School
- Beach Grove Manor
- PE Home
- Provincial Correctional Center
- Stonepark Intermediate School
- East Wiltshire Intermediate School
- Eliot River School
- Morell High School
- Elm Street School
- École sur Mer School
- Prince County Hospital Summerset Manor
- Tignish School
- Tignish Sign Shop
- Tignish Seniors Building "A"
- Tignish Seniors Building "B"
- Hernewood Intermediate School

Biomass heat plants for an additional 19 facilities will be developed during the next three fiscal years. Provision of biomass heat at these facilities, in lieu of fuel oil, will reduce greenhouse gas emissions and provide economic stimulus related to biomass fuel production, construction and system operation.

Building Maintenance and Accommodations Section

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

Building Maintenance and Accommodations Section projects included:

Island wide services:

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

Prince County:

- Access PEI, Summerside - Chiller Replacement
- Access PEI, Summerside - Interior Renovations
- Access PEI, O'Leary – Parking Lot Upgrade
- Access PEI, O'Leary - Interior Painting
- Access PEI, O'Leary - Window Treatments
- Access PEI, Alberton - Exterior Door and Stair Replacement
- Paint Shop, Tignish - Compressor Relocation
- Sign Shop, Tignish – Interior Lighting Upgrades
- Prince County Courthouse - Flooring Replacement
- Various Buildings - New Office Furniture

Queens County:

- Shaw Building - Exit Stair Upgrade
- Shaw Building - Mechanical Upgrades / Document Publishing AC Replacement
- Shaw Building – 1st Floor Renovations
- TIE Infrastructure Secretariat - Leasehold Fit-up
- efficiencyPEI - Leasehold Fit-up
- EAL - Leasehold Fit-up
- MH&A, Richmond Center – New Flooring
- Elmer Blanchard Building – New Flooring
- Family Law Center - Leasehold Fit-up
- Sullivan Building - Elevator Modernization
- Aubin Arsenault Building - Exterior Painting
- Environment Warehouse - New Metal Roof
- Queens Wharf – Boiler Replacement
- Customs House - Flooring Replacement
- Provincial Correctional Center - West Wing Fan Replacement
- Provincial Correctional Center - AHU System 3 Replacement
- Provincial Correctional Center – Interior Lighting Upgrade

- Government House - Exterior Painting
- Government House - Security Camera Installation
- Various Buildings - New Office Furniture

Kings County:

- Basin Head Museum - Gutter and Downspout Replacement
- South Hampton Forestry – Exterior Painting
- Montague Office Complex - Carpet Replacement
- Montague Office Complex- Sidewalk Replacement
- Montague Office Complex - Interior Painting

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED MAINTENANCE AND ACCOMMODATIONS

Basin Head Museum Gutter and Downspout Replacement RFQ- 10-April-18

Keir Macleod Vinyl Siding	\$2,185.00
Red Sands Eavestroughing	No bid
Ford's Eavestroughing	No bid

Grasscutting Tender TIE Maintenance and Accommodations - Kings County - 17-April-18

Access PEI-Montague	Snowy RoadContractors	\$800.00
Kings County Courthouse	Snowy RoadContractors	\$700.00
Lea.Crane Building -TPW	Snowy RoadContractors	\$900.00
Montague Office -Douses Rd	Snowy RoadContractors	\$900.00
Kings County Forestry	Snowy RoadContractors	\$800.00
Queens Lot Road	McIsaac Lawn Care	\$400.00
Mount Stewart Highways Lab	BM Grass Cutting	\$760.00

Grasscutting Tender TIE Maintenance and Accommodations - Queens County - 17-April-18

Cavendish VIC	Snowy RoadContractors	\$700.00
The Upper Room	Sunseeker Properties	\$300.00
Customs House	Sunseeker Properties	\$300.00
Davies Law Courts	McIsaac Lawn Care	\$480.00
Dept. of Fisheries	Sunseeker Properties	\$300.00
Mona Wilson Centre	DNS Grass Cutting	\$680.00
Provincial Correctional Centre	DNS Grass Cutting	\$2,380.00
Queens County Forestry	Fairview Holding Inc.	\$600.00
TIR & Environment Warehouse	DNS Grass Cutting	\$680.00
Analytical Lab	Twins Lawn Care	\$700.00

Grasscutting Tender TIE Maintenance and Accommodations - Prince County- 17-April-18

Acadian Museum	Snowy RoadContractors	\$700.00
Access Alberton	Fairview Holding Inc.	\$600.00
Access O'Leary	Fairview Holding Inc.	\$700.00
Borden Scales	Snowy RoadContractors	\$700.00
Kensington Post Office	Snowy RoadContractors	\$600.00
Kensington Potato Services	Snowy RoadContractors	\$800.00

West Prince VIC	Donald Buchanan	\$804.00
Prince County Courthouse	Signature Properties	\$760.00
Prince County Highways	Snowy Road Contractors	\$700.00
PEI Youth Centre	Signature Properties	\$2,160.00
Tignish Paint Shop	Snowy Road Contractors	\$1,800.00
Provincial Sign Shop	Snowy Road Contractors	\$700.00
Tyne Valley Medical	Fairview Holding Inc.	\$700.00
Tyne Valley Youth Centre	Donald Buchanan	\$1,400.00
Western Forestry Office	Signature Properties	\$760.00

Access PEI Summerside Chiller Replacement - 5-June -18

Ron's Plumbing & Heating Inc.	\$389,000.00
Bevan Bros Plumbing & Heating	\$308,000.00
Entire Mechanical Contractors	\$358,000.00
Precision Mechanical Inc.	\$369,700.00

TIE Shredder Replacement R F Q - 15 June-18

Orweb	\$2,750.00
HMS Office Supplies	\$3,639.00
Staples	\$4,122.00
Multishred-	No bid
Metro Distributing	No bid

Government House - Exterior Painting 12-July-18

Mallard Painting	\$39,800.00
Island Painting & Decorating Ltd	\$40,900.00

Aubin Arsenault Building Exterior Painting- 12-Jul-18

Island Painting & Decorating Ltd.	\$33,125.00
Mallard Painting	\$35,200.00
Atlantic Pro Painting	\$39,000.00

Environment Warehouse - New Metal Roof - 12-Jul-18

James C. Johnson Associates Inc.	\$16,000.00
Strategic Construction	\$20,000.00
Atlantic Metal Clad	\$20,800.00
Wellington Construction Ltd.	\$25,694.00

Shaw Basement-Publishing AIC Replacement R F Q - 9-Aug-18

Capital Cooling Systems Ltd	\$9,025.00
Entire Mechanical Contractors	\$12,000.00
J & S Sheet Metal	\$12,800.00

Efficiency PEI Interior Fit-Up United Plaza -23-Aug-18

Brumac Construction Limited	\$51,400.00
Strategic Construction	\$61,000.00
Sperra Construction Group	\$67,350.00
McGuirk Brothers Construction Ltd	\$73,825.00
Maclean Construction Ltd	\$73,950.00

Exterior Door & Stair Replacement Access PEI Alberton - RFQ - 28-Aug-18

MacLellan Construction & Custom Woodworking	\$6,288.90
R & R Construction	\$6,850.00
Palmer Enterprises	\$7,000.00
Perry Construction	No bid
J C Handy Man	No bid

TIE Garage Slemon Park Drywells RFQ -5-Sept-18

John DesRoches	\$1,744.00
MacDonald's Excavation Services	\$2,350.00
JL McNeill	No bid
AJL Construction	No bid
Curran & Briggs	No bid
MacAusland Construction	No bid

System 3 Air Handling Unit Replacement Provincial Correctional Centre-6-Sept-18

Entire Mechanical Contractors	\$79,749.00
J & S Sheet Metal Ltd	\$86,600.00

efficiency PEI -Glazed Partition Wall RFQ- 6 Sep-18

O'Connor Glass	\$6,190.00
City Glass	\$8,955.00

50 lb. Electric Fryer- RFQ 12-Sep-18

Ferguson Sales -Imperial 50 lb.	\$3,225.00
Island Mercantile - Imperial 50 lb.	\$3,983.00
Russell Hendrix -Vulcan	\$4,995.00
Summertime Industries -Vulcan	\$5,826.00
Ferguson Sales - Vulcan	\$6,139.00

Montague Office Complex Sidewalk Replacement - RFQ-13-Sep-18

Ray Grant	\$6,825.00
Ostridge Brothers	\$7,250.00
McGuirk Brothers	\$10,300.00
Southern Kings Construction	No bid
MacPherson Builder	No bid

Meeting Room Furniture Prince County Courthouse RFQ- 14-Sep-18

HMS Office Solutions	\$8,333.00
Atlantic Business Interiors	\$9,204.00
Metro Distributing	\$11,776.50
Office Interiors	\$13,346.20

Efficiency PEI Interior Fit-up United Plaza - RFQ- 10-Oct-18

Atlantic Business Interiors	\$14,681.00
Office Interiors	\$14,754.15
HMS Office Supplies Metro Distributing	\$16,332.00

EAL Interior Fit-Up, 85 Fitzroy - RFQ- 11-Oct-18

HMS Office Solutions	\$12,891.00
Atlantic Business Interiors	\$14,114.00
Office Interiors	\$18,873.42
Metro Distributions	No bid

Flooring Replacement -Elmer Blanchard- RFQ - 30-Nov-18

M & M Furniture	\$7,875.00
Carpet One	No bid
Loyalist Marble Tile Ltd	No bid
Tile Master	No bid
Markan Hardwood Plus	No bid
Flooring Canada	No bid

Richmond Centre - Flooring Replacement- Public-4-Dec-18

Loyalist Marble & Tile	\$16,392.00
M & M Furniture	No bid

Interior Lighting Upgrade-Provincial Correctional Centre-Public- 6-Dec-18

Ainsworth Inc.	\$99,800.00
Jamieson Electric & Refrigeration Ltd	\$119,900.00
Olympia Electric Ltd	\$128,000.00
Hansen Electric Ltd	\$128,700.00
Entire Electrical	\$143,600.00

Customs House- Flooring Replacement- Public - 13-Dec-18

Loyalist Marble & Tile Ltd.	\$33,720.00
M & M Furniture Carpet	\$34,240.00
Flooring Canada - Non-Compliant	\$25,159.77

Montague Office Complex Carpet - RFQ -18-Jan-19

M & M Furniture Carpet Ltd	\$8,350.00
London Flooring	\$10,960.00
Tops To Floors	No bid

South Hampton Forestry Painting - RFQ - 18-Jan-19

Everything Painting Plus	\$3,254.40
Mallard Painting	\$4,385.00
Forrester Painting	No bid

Access Summerside - Interior Modifications - Public- 19-Dec-18

Strategic Construction	\$82,500.00
Palmer Enterprises Ltd	\$92,539.00

Window Treatment- O'Leary Access-RFO- 31-Jan- 19

City Flooring	\$1,696.00
Markan West Inc.	\$1,939.00
Tops to Floors	\$2,275.00
Town and Country	\$2,500.00

Montague Office Complex Interior Painting - RFQ- 5- Feb-19

Everything Painting	\$5,200.00
Mallard Painting	\$5,480.00
McGuirk Brothers	\$8,900.00

Access PEI O'Leary Interior Painting Family and Human Services- RFQ- 7-Feb-19

Arsenault Painting Ltd.	\$6,200.00
Palmer Enterprises Ltd.	\$8,400.00
Darrell Smith Painting	\$11, 200.00
Top Notch Painting	\$11,738.00
New Look Painting	No bid
Westile Painting	No bid

Shaw Building, 1st Floor Center, Office Fit-up- Public- 7- Feb -19

Strategic Construction	\$80,000.00
Brumac Construction	\$89,850.00
First Cut Contractors	\$95,550.00
Maclean Construction	\$99,900.00

Montague Access Armchairs- RFQ- 7-Feb-19

Atlantic Business Interiors	\$1,146.00
Dennis Office Supplies Non-compliant	\$1,049.04
Staples	No bid

Office Furniture-Various Locations Charlottetown PE- Public - 22-Feb-19

Atlantic Business Interiors	\$104,245.00
HMS Office Solutions- non-compliant	\$94,987.50

Provincial Sign Shop -Interior Lighting Upgrades- RFQ- 8-Mar-19

Buchanan Electric	\$13,675.00
Gaudet's Electrical Services Ltd	\$17,357.50
Moore Electric	No bid
Tri Tech Services	No bid
Economy Electric	No bid
Leclair Electric Ltd	No bid
Homeland Electric Inc	No bid

LAND AND ENVIRONMENT DIVISION

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

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, Infrastructure and Energy and the Department of Communities, Land and Environment (DCLE).

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 DCLE

The Section processed 308 environmental assessments/project approvals during 2018-2019, including 183 field approvals. A summary of the 308 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.

2018 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DCLE Permit	Total
Prince	7	22	41	3	73
Queens	7	50	77	13	147
Kings	7	10	65	6	88
Province	21	82	183	22	308

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 2018-2019 for the various blanket approval types is provided in the following table:

2018 Blanket Approval Summary

Blanket Approval Types	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings, Gravel and/or Asphalt Placement	22	12	8	42
Shore Access	5	2	2	9
Painting	2	3	0	5
Maintenance of Environmental Controls	19	35	15	69
Guardrail Reinstatement (with shoulder work)	6	9	4	19
Confederation Trail Surface and Slope Repairs	2	14	3	19

Confederation Trail Vegetation Management	5	19	15	39
Ditching (Smooth Bucket or Grading)	16	25	28	69
Brush Cutting	126	53	63	242
Timber Pile Bridge Minor Repair	1	2	1	4
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)	7	33	53	93
Surface Water Cross Culvert Replacement	9	10	17	36
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	2	9	6	17
Maintenance of Provincial Tap Drains	2	4	1	7
Repair/Replace Timber Floors	1	3	2	10
Shoulder Grading/Planning & Material Placement	34	21	24	79
Debris Removal from Structures	3	2	3	8
Asphalt Overlay	6	11	11	28
Total Blanket Approval Projects	268	267	256	791

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 2018-2019, 183 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, work plan, timeframe, assess the potential impacts, and develop a set of conditions to be followed. In 2018-2019, 82 EMS Approval-to-Proceed permits were issued.

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

Projects which are approved under the EMS Approval-to-Proceed with DCLE Watercourse, Wetland, or Buffer Zone Activity permits are subject to review by EMS, the Provincial Department of Communities, Land and Environment and, in some circumstances, Fisheries and Oceans Canada. These types of projects include activities which are 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, work plan, 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 2018-2019, 22 EMS Approval-to-Proceed with DCLE 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 2018-2019, 18 projects were audited by the Environmental Management Section. Of the 18 projects, 16 met the requirements of the permit, and 2 met most of the requirements of the permit (with follow-up visits to ensure all requirements were met). The Department of Communities, Land and Environment, along with the Department of Fisheries and Oceans, conduct their own environmental audit of TIE projects.

MISCELLANEOUS INITIATIVES AND SERVICES

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

Training Delivered

In 2018-2019, EMS staff coordinated environmental management round-table discussion sessions with several TIE Divisions. The topics of these sessions included TIE environmental policies and procedures, changes to the Environmental Protection Act, as well as the installation of proper environmental controls and activities such as in-stream culvert work, ditching, etc.

Policy and Program Development

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

Programs

- Joint Beaver Management Program with DCLE
- Duty to Consult Operational Protocol
- Highway-Related Beaver Management
- Environmental Audit Program
- Fish Passage Restoration Program
- Environment Fund Program
- Seeding Policy
- Agricultural Siltation into ROW

Policies

- Adopt-A-Highway Program
- 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

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

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 TIE to rectify the problem.

Adopt-A-Highway Program

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

Fish Passage Restoration Program

The EMS and HMO continue to work with local watershed groups from across the Province, along with the Atlantic Salmon Federation, and the Provincial Department of Communities, Land and Environment, to identify and repair fish passage barriers at highway culverts.

Environmentally based Community/Public Partnering Projects

- The EMS annually coordinates the Department's involvement in a variety of environment-related community/public partnering initiatives that enhance the environment or provide environmentally beneficial results for the general public. These requests for assistance typically involve work that can be grouped into six categories: sediment control; fish passage restoration; erosion control; shoreline/coastal stabilization; habitat restoration; and, community access. Department work involves in-kind provision of materials, equipment, surveying, project planning and environmental mitigation. The EMS, Highway Maintenance, Bridge Maintenance and Capital Projects sections all participate in these projects. The EMS worked with 11 watershed and community groups and contributed to 47 individual watersheds (improvement projects in 2018-2019).
- The PEI Watershed Pilot Project had submissions from seven watershed groups across the Island. These submissions identified priorities relating to the management of watercourse structures. The pilot project will develop a five-year management plan to address the required solutions in these watersheds. The selected watersheds were: Kings County, Black Pond Watershed; Queens County, Winter River Watershed; and, Prince County, Hills River/Cascumpec Watershed.

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

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 (BMW)s are hired to pro-actively identify and address road-related beaver problems across the Province, using the preferred management method of "by hand" restoration.

This program is a cooperative cost-shared program between the EMS and the Forests, Fish and Wildlife Section of the Department of Communities, Land and Environment. The cost of hiring the BMWs is small compared to the potential cost of responding to emergency events such as floods and washed-out roadway culverts caused by beaver activity, as well as potential damage to surrounding property and aquatic ecosystem. The BMWs identified and managed beaver problems at 130 sites in 2018-2019.

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:

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

Regulatory Approvals and Environmental Assessments

On behalf of the Department, the EMS acquires project approvals from external Federal and Provincial regulators and coordinates the completion of Federal assessments/screenings for larger capital projects.

The common types of approvals required include Provincial Environmental Assessment Review, Navigable Waters Protection Act (NWPA) Approval, reviewed by Fisheries and Oceans Canada to determine whether a project will result in serious harm to fish, and Watercourse, Wetland, and Buffer Zone Activity Permits.

Navigable Waters Protection Act Approvals (NWPA)

Administered by Transport Canada, NWPA approvals are acquired primarily for the Department's bridge replacement projects and are intended to ensure that the public's right of navigation is protected from works which might interfere with navigation. The NWPA approval process includes submission of an application with project design plans and a project-specific environmental assessment (CEAA Screening), public advertisement of the project, and stakeholder consultations.

Office of the Provincial Chief Surveyor

This Office provides land surveying services and expert opinion on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties, Capital Projects, Highway Maintenance, Building Design and Construction sections of the Department. Expertise and services are also provided to other departments including: Communities, Land and Environment; Finance; Agriculture and Fisheries; Economic Development and Tourism; government agencies and boards; community groups; as well as the greater legal, engineering and land surveying community throughout 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-way 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;
- Co-ordinate 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 technician, a research/administrative support clerk, and two survey crews. In the past year, approximately 113 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 2018-2019, the Office has opened approximately 38 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 metres (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 section will be working towards resolving this imbalance. Through ongoing research associated with individual requests regarding public roads, the Office has become more knowledgeable in the historic land tenure process associated with the development of the Province's road infrastructure.

Legal Surveys

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

These surveys generally include both the legal component of a boundary survey, together with the associated engineering surveys required for site design. Survey plans for the acquisition of land and preliminary survey work has been carried out on the existing road boundaries in preparation for the construction of roundabouts at Victoria Cross, Norwood Road, and Granville Street.

Topographic surveys have been completed for PEI Housing Corporation at Charlottetown and Souris to assist in planning for future housing development. Survey work has been carried out for development of electric car charging stations located in Souris, Wood Islands, Borden, Charlottetown, Summerside and O'Leary. Survey work has also been carried out in preparation for the re-development of the Hillsborough Hospital. Work has also been done to mark out the boundaries of the Confederation Trail at various locations across the province to aid the Trail Manager with identifying possible encroachments, as well as aid in maintenance of the trail.

Provincial Survey Reference System

The GNSS-based active control network has now been in use by Government survey crews for four years. The system has performed within the specifications of the manufacturer and has improved efficiency of gathering data in the field by the survey crews. The system has proven to be fairly robust, with very few outages, most of which are related to localized power outages in the areas where the stations are located. 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. The 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 begun to incorporate the use of drone technology to aid in the gathering of data for topographic surveys. These services are currently provided to use by the Department of Agriculture and Fisheries.

Properties Section

General Activities

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 are as follows:

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

Real estate services are also provided to other government agencies such as the English Language School Board, Health PEI, PEI Energy Corporation, Island Waste Management Corporation, PEI Liquor Control Commission, Charlottetown Area Development Corporation, 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 Land Use Coordinating Committee, Provincial Land Review Subcommittee, Natural Areas Protection Act Technical Advisory Committee, Resource Land Acquisition Fund Committee and the Rail Land Review Committee.

As of March 31, 2019, there were approximately 2,205 essential properties (totaling 99,837 acres) and 154 surplus properties (totaling 395 acres) held in provincial ownership and under the management of various government departments.

For the period April 1, 2018 to March 31, 2019, the Properties Section received 494 inquiries related to provincial property matters.

Property Leases - April 1, 2018 to March 31, 2019

For the period April 1, 2018 to March 31, 2019, there were 95 lease agreements on 107 provincial properties (1,336 approximate acres) generating a revenue of \$73,859 for this period.

In addition, there were an additional 308 lease or licence agreements on 559 provincial properties that are not revenue generating, i.e., leased to communities or nonprofit organizations for a nominal sum. This number also represents licences 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, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
663823	East Royalty	1.63 acres	300,000	Acquired by way of a Consolidation Deed as part of the L.M. Montgomery School.
63651	Miscouche	12.00 acres	\$0	Property donated to Government as a Wildlife Management area, providing habitat for waterfowl and wildlife species.
398552	Stratford	1.50 acres	\$0	Property Escheated to the Crown by way of Eastern Realty Company Ltd. surrendering its Charter in 2006. Quit Claim Deed to the Province from the Department of Finance
1504505	Dunstaffnage	0.00 acres	\$2,204	Tax sale property (mobile home) transferred to Provincial ownership for amount of taxes and legal costs owing.
56697	West Devon	0.10 acres	\$3,479	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
214346	Albany	0.18 acres	\$8,402	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
911495	Avondale	0.275 acres	\$4,904	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
580258	West Devon	0.97 acres	\$5,622	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
707513	East Bideford	0.67 acres	\$6,114	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
375436	Flat River	14.00 acres	\$3,660	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
463232	Savage Harbour	0.50 acres	\$11,968	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
189514	Midgell	1.85 acres	\$20,003	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
758268	Belle River	0.34 acres	\$19,713	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing
185603	Uigg	0.23 acres	\$5,772	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
632828	Anglo Tignish	0.46 acres	\$3,449	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
544890	Crapaud	0.40 acres	\$5,123	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
847574	Bangor	0.79 acres	\$3,380	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
171934	Georgetown	0.22 acres	\$3,806	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
416883	Alma	1.00 acres	\$4,606	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
161257	Corraville	50.00 acres	\$3,702	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
230433	New Glasgow	0.06 acres	\$2,825	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
802371	Belle River	0.34 acres	\$8,092	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
98301	Emerald	0.03 acres	\$2,482	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
118315	Rollo Bay East	0.00 acres	\$0	Deed of rectification to rectify erroneous in the original conveyance in 2016.
Total	24 Properties	87.545 acres	\$429,306	

Easements Granted – April 1, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
118315	Rollo Bay East	0.799 acres	\$0	Right-of-Way granted over an established laneway to access property.
876656	Sherbrooke	0.20 acres	\$0	Easement granted to City of Summerside for new sanitary lines at the Prince County Hospital.
430314	South Winsloe	0.03 acres	\$2,000	Commercial Right-of-Way granted to access property bisected by the Confederation Trail.

Parcel	Location	Acreage	Amount	Notes
283010	South Milton	0.13 acres	\$0	Right-of-Way granted to Bragg Communications Inc. to allow access over PIDs #283010 and #283200.
283200	Milton Station	0.49 acres	\$0	Right-of-Way granted to Bragg Communications Inc. to allow access over PIDs #283010 and #283200.
Total	5 Properties	1.649 acres	\$2,000	

Property Acquisitions (RLAF) - April 1, 2018 to March 31, 2019
(RLAF - Resource Land Acquisition Fund)

Parcel	Location	Acreage	Amount	Notes
51730	Murray Road	98.00 acres	\$27,000	Acquired for the Department of Communities, Land and Environment (Forests, Fish & Wildlife Division). Government paid \$27,000 and Ducks Unlimited paid \$5,000.
108339 (New PID# 1105402)	Kingsboro	1.5 acres	\$140,000	Acquired for the Department of Tourism & Culture (Parks Division).
115105	St. Margaret's	46.00 acres	\$11,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division). Government paid \$11,000 and Ducks Unlimited paid \$3,000.
123190	Peakes	56.00 acres	\$12,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
124271	Elliotvale	33.00 acres	\$10,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division). Government paid \$10,000.00 and Ducks Unlimited paid \$3,000.00.
181362	Farmington	480.00 acres	\$66,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division). Government paid \$66,000, Ducks Unlimited paid \$8,000.00 and Canada Nature Fund (CNF) paid \$306,000.
189373	Milburn	100.00 acres	\$32,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division). Government paid \$32,000 and Ducks Unlimited paid \$8,000.
500199	Farmington	5.30 acres	\$0	Acquired for the Department of Communities, Land & Environment. Canada Nature Fund (CNF) paid \$20,000.
Total	8 Properties	819.80 acres	\$298,000	

Easements Acquired – April 1, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
30585	Alberton	0.043 acres	\$0	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
595876	Alberton	0.025 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
30379	Alberton	0.03 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
447599	Alberton	0.004 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
224766	Kelly's Cross	0.118 acres	\$1,000	Acquired ditch slope easement as part of road improvements.
1054519	Abrams Village	0.30 acres	\$0	Acquired easement for vehicle turning area.
1054519	Abrams Village	0.39 acres	\$0	Acquired easement for storm water management.
1037845	Riverton	0.004 acres	\$500	Acquired easement for storm water management.
659904	Riverton	0.01 acres	\$500	Acquired easement for storm water management.
187757	Riverton	0.008 acres	\$500	Acquired easement for storm water management.
693499	Head of Montague	0.03 acres	\$500	Acquired easement for storm water management.
1104058	Cornwall	0.01 acres	\$0	Acquired easement for storm water management.
283820	Hunter River	0.062 acres	\$0	Acquired easement for storm water management.
705160	Alberton	0.023 acres	\$0	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
30577	Alberton	0.04 acres	\$0	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
31153	Alberton	0.89 acres	\$0	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
424895	Alberton	0.11 acres	\$0	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
30338	Alberton	0.054 acres	\$250	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.

Parcel	Location	Acreage	Amount	Notes
30320	Alberton	0.04 acres	\$250	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
734236	Alberton	0.002 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
1005818	Alberton	0.007 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
30312	Alberton	0.046 acres	\$500	Acquired easement for buried concrete pipes to divert storm water around the Town's sewage lagoon system.
208058	Victoria	0.03 acres	\$0	Acquired easement for future infrastructure maintenance.
928705	Ellerslie-Bideford	0.03 acres	\$500	Acquired easement for future infrastructure maintenance.
150714	Fortune Bridge	0.001 acres	\$500	Acquired easement for future infrastructure maintenance.
1092667	Cornwall	0.042 acres	\$500	Acquired easement for future infrastructure maintenance.
1056738	Cornwall	0.001 acres	\$500	Acquired easement for future infrastructure maintenance.
1059021	Cornwall	0.039 acres	\$500	Acquired easement for future infrastructure maintenance.
245787	Cornwall	0.09 acres	\$2,700	Acquired easement for future infrastructure maintenance.
285792	Hunter River	0.05 acres	\$0	Acquired storm water drainage easement as part of road improvements.
125203	Dromore	0.02 acres	\$500	Acquired easement for future infrastructure maintenance.
434977	Dromore	0.08 acres	\$500	Acquired easement for future infrastructure maintenance.
130005	Dromore	0.16 acres	\$500	Acquired easement for future infrastructure maintenance.
196675	Montague	0.013 acres	\$0	Acquired storm water drainage easement as part of road improvements.
198069	Montague	0.019 acres	\$0	Acquired storm water drainage easement as part of road improvements.
734624	Cape Traverse	0.62 acres	\$0	Acquired storm water drainage and vehicle turning area easement in sub-division.
666818	Cape Traverse	0.23 acres	\$0	Acquired easement for storm water management.

Parcel	Location	Acreage	Amount	Notes
1086511	North Rustico	0.04 acres	\$0	Acquired easement for storm water management.
1027531	North Rustico	0.29 acres	\$0	Acquired easement for storm water management.
914275	North Rustico	0.29 acres	\$0	Acquired easement for vehicle turning area in sub-division.
237313	North Rustico	0.05 acres	\$0	Acquired easement for vehicle turning area in sub-division.
201681	Fairview	0.37 acres	\$0	Acquired easement for storm water management.
43661	O'Leary	0.11 acres	\$0	Acquired easement for storm water management.
607960	Cornwall	0.748 acres	\$0	Acquired easement for storm water management.
1013366	Fairview	2.696 acres	\$0	Acquired easement for storm water management.
1013366	Fairview	0.039 acres	\$0	Acquired easement for vehicle turning area in sub-division.
289512	Stratford	0.47 acres	\$0	Acquired easement for vehicle turning area in sub-division.
289512	Stratford	0.078 acres	\$0	Acquired easement for storm water management.
1013200	Fairview	0.09 acres	\$0	Acquired easement for vehicle turning area in sub-division.
1013200	Fairview	0.06 acres	\$0	Acquired easement for storm water management.
398552	Stratford	1.436 acres	\$0	Acquired easement for storm water management.
601013	Cornwall	0.14 acres	\$0	Acquired easement for storm water management.
1061563	Cornwall	0.31 acres	\$0	Acquired easement for storm water management.
588665	Stratford	1.21 acres	\$0	Acquired easement for storm water management.
1066711	Cornwall	0.26 acres	\$0	Acquired easement for storm water management.
749796	Riverton	0.015 acres	\$500	Acquired easement for storm water management.
921718	Hebron	0.50 acres	\$0	Acquired easement for storm water management.

Parcel	Location	Acreage	Amount	Notes
246470	Cornwall	0.36 acres	\$0	Acquired easement for storm water management.
663609	Victoria	0.06 acres	\$0	Acquired easement for storm water management.
198101	Montague	0.002 acres	\$500	Acquired easement for storm water management.
1095678	Charlottetown	0.21 acres	\$0	Acquired easement for storm water management.
516021	Stratford	0.77 acres	\$0	Acquired easement for storm water management.
Total	62 Properties	14.275 acres	\$14,200	

Disposals for Highways - April 1, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
128918	Mount Mellick	0.11 acres	\$0	Remnant parcel of land from road realignment project, conveyed to adjacent property owner.
1095678	Charlottetown	0.11 acres	\$0	Quit Claim Deed for interest acquired in 1934 for a drainage ditch easement, 0.210 acres, over PID#1095678.
18226	Northport	0.24 acres	\$500	Portion of old roadbed closed and conveyed to adjacent property owner.
1085794	Fernwood	0.06 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner.
921718	Hebron	0.05 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim.
239665	Oyster Bed Bridge	0.38 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner.
256917	St. Mary's Road	0.73 acres	\$500	Portion of old roadbed closed and conveyed to adjacent property owner.
663609	Victoria	0.17 acres	\$0	Conveyance to community of Victoria with a reversionary clause.
241455	Oyster Bed Bridge	1.01 acres + house & outbuilding	\$0	Part of land exchange with PID #239681 (house, outbuilding & .22 acres) acquired for roundabout project.
245464	Cornwall	0.84 acres	\$0	Part of land exchange with PID #245456 acquired for roundabout project.

Parcel	Location	Acreage	Amount	Notes
239798	Oyster Bed Bridge	0.12 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner.
239806	Oyster BedBridge	0.07 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner.
572974	Summerside	0.10 acres	\$440	Remnant parcel of land conveyed to adjacent property owner.
284018	Hunter River	0.012 acres	\$0	Part of land exchange with PIDs #239673 and #572974 for Oyster Bed Bridge roundabout project.
208496	Tryon	0.35 acres	\$0	Part of a land exchange with PID #749127 acquired for road realignment.
537597	Poplar Grove	0.55 acres	\$500	Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim Deed.
398552	Stratford	0.74 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim Deed.
1095678	Charlottetown	0.11 acres	\$0	Quit Claim Deed for interest acquired in 1934 for a drainage ditch easement, 0.210 acres, over PID #1095678.
27607	Ellerslie-Bideford	0.17 acres	\$0	Portion of old roadbed closed and conveyed to adjacent property owner
750455	Ellerslie-Bideford	0.084	\$0	Portion of old roadbed closed and conveyed to adjacent property owner.
Total	20 Disposals	6.006 acres	\$1,940	

Acquisitions for Highways – April 1, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
246470	Cornwall	5.56 acres	\$0	Acquired for new subdivision streets.
246488	Cornwall	0.04 acres	\$0	Acquired for new subdivision street.
516021	Stratford	4.03 acres	\$0	Acquired for new subdivision streets.
246876	Cornwall	0.90 acres	\$0	Acquired for new subdivision street.
1054519	Abrams Village	0.86 acres	\$0	Acquired for new subdivision street.
684209	Stratford	1.30 acres	\$0	Acquired for new subdivision street.
588665	Stratford	1.06 acres	\$0	Acquired for new subdivision street.
1101302	Clyde River	0.27 acres	\$5,800	Acquired for new Trans-Canada Highway Extension Project.
1019330	Clyde River	11.05 acres	\$100,000	Acquired for new Trans-Canada Highway Extension Project.

Parcel	Location	Acreage	Amount	Notes
245456	Cornwall	0.73 acres	\$0	Part of land exchange with PID #245464 acquired for roundabout project.
1101633	Clyde River	1.36 acres	\$13,300	Acquired for new Trans-Canada Highway Extension Project.
1101617	Clyde River	1.68 acres	\$8,350	Acquired for new Trans-Canada Highway Extension Project.
1101641	Clyde River	12.18 acres	\$61,650	Acquired for new Trans-Canada Highway Extension Project.
239673	Oyster Bed Bridge	0.25 acres	\$0	Part of land exchange with PIDs #239673 and #572974 for Oyster Bed Bridge roundabout project.
239657	Oyster Bed Bridge	7.93 acres	\$52,075	Acquired for new roundabout project.
416537	Oyster Bed Bridge	0.06 acres	\$1,540	Acquired for new roundabout project.
1089051	Oyster Bed Bridge	0.09 acres	\$2,475	Acquired for new roundabout project.
239665	Oyster Bed Bridge	0.62 acres	\$24,500	Acquired for new roundabout project.
239681	Oyster Bed Bridge	0.22 acres + house & outbuilding	\$0	Part of land exchange with PID #241455 (house, outbuilding & 1.01 acres) acquired for roundabout project.
636423	Stratford	1.10 acres	\$1,339,000	Acquired for new roundabout project.
482307	Stratford	0.33 acres + house & outbuilding	\$260,000	Acquired for new roundabout project.
289298	Stratford	0.36 acres + house	\$210,000	Acquired for new roundabout project.
1021658	Newton	0.23 acres	\$1,518	Acquired for new roundabout project.
282079	Newton	2.68 acres	\$20,000	Acquired for new roundabout project.
849885	Cornwall	3.13 acres + 5 outbuildings	\$438,000	Acquired for new roundabout project.
715102	Mount Herbert	0.001 acres	\$0	Acquired for new roundabout project.
196675	Montague	0.001 acres	\$0	Acquired to correct encroachment issue for public road purposes.
198069	Montague	0.0002 acres	\$0	Acquired to correct encroachment issue for public road purposes.
247833	Cornwall	1.90 acres + house	\$300,000	Acquired for new access road into the Terry Fox Complex.
749127	Tryon	0.03 acres	\$0	Part of a land exchange with PIO #208496 acquired for road re-alignment.
1046259	Charlottetown	3.16 acres	\$31,000	Acquired for road widening.
191379	Stratford	0.035 acres + house	\$220,000	Acquired for the purpose of removing the access off the TCH.

Parcel	Location	Acreage	Amount	Notes
206946	Hampton	0.70 acres + house & building	\$84,700	Acquired for the purpose of improving sight distance at intersection.
798256	Desable	0.20 acres	\$4,000	Acquired for road realignment.
684571	Mount Mellick	0.06 acres	\$1,400	Acquired for road realignment.
816843	Mount Mellick	0.01 acres	\$600	Acquired for road realignment.
284018	Hunter River	0.02 acres	\$0	Part of land exchange with PIDs #239673 and #572974 for Oyster Bed Bridge roundabout project.
914275 & 1027531	North Rustico	1.78 acres	\$0	Acquired for new subdivision street.
914275	North Rustico	1.10 acres	\$0	Acquired for new subdivision street.
43661	O'Leary	1.10 acres	\$0	Acquired for new subdivision street.
246579	Cornwall	0.56 acres	\$0	Acquired for new subdivision streets.
289512	Stratford	0.85 acres	\$0	Acquired for new subdivision streets.
607960	Cornwall	1.02 acres	\$0	Acquired for new subdivision street.
398552	Stratford	2.61 acres	\$0	Acquired for new subdivision street.
1013366	Fairview	7.55 acres	\$0	Acquired for new subdivision streets.
1061563	Cornwall	1.93 acres	\$0	Acquired for new subdivision streets.
871665	Mount Herbert	0.006	\$500	Acquired for new roundabout project.
Total	47 Properties	82.6432 acres	\$3,180,408	

Property Disposals (Not RLAF) – April 1, 2018 to March 31, 2019

Parcel	Location	Acreage	Amount	Notes
283812	Hunter River	0.12 acres	\$25,000	Disposed of house and land by Public Tender process.
882761	Warren Grove	0.98 acres	\$0	Disposed of vacant land to be amalgamated with existing cemetery lot to increase lot size.
60939	Central Lot 16	0.28 acres	\$5,000	Tax sale property sold to adjacent landowner by Restricted Tender.
402776	New Argyle	0.25 acres	\$0	Tax sale property sold to adjacent landowner by Restricted Tender.
688259	Riverton	0.50 acres	\$500	Tax sale property sold to adjacent landowner by Restricted Tender.
780668	Morell	4.88 acres	\$0	Property conveyed to the Community for location of sports fields.
398552	Stratford	1.50 acres	\$0	This property was Escheated to the Crown when Eastern Realty Company Ltd. surrendered its Charter. As per

Parcel	Location	Acreage	Amount	Notes
				Quit Claim deed from the Department of Finance, the property came into Provincial inventory and subsequently conveyed. Government's interest to Z & C Flourish International Ltd.
6114	Tignish	0.50 acres	\$8,000	Tax sale property sold by Restricted Tender.
533505	Cornwall	0.26 acres	\$0	Tax sale property conveyed to the Town of Cornwall.
640326	Elmwood	0.19 acres	\$527	Tax sale property sold to adjacent landowner by Restricted Tender.
99275	Breadalbane	0.23 acres	\$200	Tax sale property sold to adjacent landowner by Restricted Tender.
417469	Souris	0.39 acres	\$500	Tax sale property sold to adjacent landowner by Restricted Tender.
16642	Huntley	6.30 acres	\$15,000	Tax sale property sold by Public Tender process.
162651	Lorne Valley	1.08 acres	\$5,500	Tax sale property sold by Public Tender process.
792267	Dromore	0.98 acres	\$470	Tax sale property sold to adjacent landowner by Restricted Tender.
419002	St. Hubert	0.75 acres	\$1,000	Tax sale property sold to adjacent landowner by Restricted Tender.
609750	Bristol	0.69 acres	\$5,300	Tax sale property sold by Public Tender process.
388736	West Royalty	0.46 acres	\$0	Conveyance to Queens County Residential Services with a revisionary clause.
512350	Stratford	0.32 acres	\$0	Conveyance to Stratford with a revisionary clause
Total	19 Disposals	20.66 acres	\$66,997	

CAPITAL PROJECTS DIVISION

Chief Engineer's Report

The Capital Projects Division is responsible for the planning, design, construction and reconstruction of the Province's highways and bridges. This includes the associated tasks of data collection, surveying, mapping, materials testing, traffic engineering and bridge maintenance.

The responsibilities for planning, surveying, construction, and reconstruction, come under the direction of the Chief Engineer with assistance from two Regional Engineers. The Chief Engineer's office is located in Charlottetown. The main offices for the Eastern Region are located in Charlottetown and Georgetown. The Western Region offices are located in Charlottetown and Slementon 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 Slementon 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 Slementon Park location.

Planning within Capital Projects emphasized the need for: completing work early in the fall under favourable weather conditions; tendering the work in larger projects to improve quality control; and, the reduction of overall construction costs. The Department is working on the next phase of the Trans-Canada Extension around Cornwall. The total capital highway and bridge expenditures for FY2018/2019 was approximately \$40,210,483.00. 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 26 projects completed in 2018-2019 including a phase of the Trans-Canada Highway Extension and 2 roundabouts located in Oyster Bed Bridge and Newton and various other projects on Route 2.

The New Deals for Cities and Communities provided federal funding for 12 projects including; Murray Harbour Bridge Replacement, Route 13 Hunter River, paving on Route 1 Flat River and various other projects.

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, and New Deals for Cities and Communities funding.

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

PRINCE COUNTY									
Subdivision Name Location	SD#	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Abrams Village Sub. (Abrams Village)	870	Wendall Gallant Rd.	0.17	0.17	0.17	0.17	0.17	0.00	0.17
Pate Sub. (O'Leary)	892	Pate Garden Rd.	0.17	0.17	0.17	0.17	0.17	0.00	0.17
Provincial Totals			0.34	0.34	0.34	0.34	0.34	0.00	0.34
QUEENS COUNTY									
Subdivision Name Location	SD#	Street Name	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
Hillard Muttart Sub. – Phase 4, Cornwall)	488	Stephanie Dr.	0.18	0.18	0.18	0.18	0.18	0.00	0.18
Harlandview Sub. – Phase 2 (Stratford)	756	Birch Woods Ln. Herbie Ln.	0.39	0.39	0.39	0.39	0.39	0.00	0.39
North Rustico Sub. – Phase 2 (North Rustico)	846	Autumn Ln. Abegweit Ln.	0.60	0.60	0.60	0.60	0.60	0.00	0.60
Harvest Hills Sub. – Phase 2 Cornwall)	851	Mercedes Dr. Hillside Dr.	0.75	0.75	0.75	0.75	0.75	0.00	0.75
Forest Trails Sub. – Phase 2 Stratford)	858	Hollis Ave.	0.20	0.20	0.20	0.20	0.00	0.20	0.20
Southside Greens (Stratford)	859	Green Way Ht.	0.00	0.00	0.00	0.00	0.19	0.00	0.00
Foxwoods Sub. – Phase 1 Stratford)	888	Flourish Ht. Tulip Dr. Maple Leaf	0.68	0.68	0.68	0.68	0.68	0.00	0.68
Koughan Sub. (Stratford)	889	Creekside Dr. Craigavon Ct. Picton Beete Cr.	0.80	0.80	0.80	0.80	0.80	0.00	0.80
Hyde Pond Sub. (Cornwall)	890	By Way Ave., Pyes Ln.	0.45	0.45	0.45	0.45	0.45	0.00	0.45
West River Estates – Phase (Cornwall)	910	Water's Edge Ln. Mill Pond Ln. Kara St. Marv St.	1.17	1.17	1.17	1.17	1.17	0.00	1.17
Provincial Totals			5.22	5.22	5.22	5.22	4.82	0.20	5.22

SCHEDULE OF HIGHWAYS & BRIDGES TENDERS RECEIVED

Route 109 & 111- Newton Roundabout – May 3, 2018

AJL Ltd.	\$973,142.50
Duffy Construction Ltd.	\$1,046,205.00
Island Construction Ltd.	\$1,047,905.00
Island Coastal Services Ltd.	\$1,127,936.30
Birt & MacKay Ltd.	\$1,280,164.85

Route 2 - New Annan – May 3, 2018

AJL Ltd.	\$444,377.25
Curran & Briggs Ltd.	\$459,267.50
The Island Construction Ltd.	\$453,138.00

Route 150 – Union - May 3, 2018

Chapman Bros. Construction Ltd.	\$95,706.80
Curran & Briggs Ltd.	\$102,218.80

Route 152 - Montrose - May 3, 2018

Chapman Bros. Construction Ltd.	\$81,813.40
Curran & Briggs Ltd.	\$85,745.40

Route 106 - Clermont - May 3, 2018

Chapman Bros. Construction Ltd.	\$106,879.00
The Island Construction Ltd.	\$107,823.00
Curran & Briggs Ltd.	\$109,972.00

Route 107 - Wilmot Valley - May 3, 2018

Chapman Bros. Construction Ltd.	\$86,694.50
The Island Construction Ltd.	\$88,864.50
Curran & Briggs Ltd.	\$89,531.50

Route 24 - Kinross/Lyndale - May 3, 2018

M & M Resources Inc.	\$121,269.70
The Island Construction Ltd.	\$126,138.18
Chapman Bros. Construction Ltd.	\$143,832.12

Route 18 - Murray Harbour - May 3, 2018

M & M Resources Inc.	\$72,116.72
The Island Construction Ltd.	\$81,011.70
Chapman Bros. Construction Ltd.	\$91,484.92

Route 322 - Morell/ Green Meadows - May 3, 2018

The Island Construction Ltd.	\$89,795.06
Chapman Bros. Construction Ltd.	\$89,969.16

<u>Route 1. 19 & Heatherway Drive- June 7. 2018</u>	
Island Coastal Services Ltd.	\$138,186.50
<u>Murray Harbour Bridge Replacement- June 7, 2018</u>	
Highfield Construction Ltd.	\$1,822,732.00
Gaudette's Transit Ltd.	\$2,143,206.50
Noye and Noye Limited	\$2,231,393.00
Canadyne Navigation	\$3,495,028.60
<u>Route 1-Charlottetown Bypass 2018-July 5. 2018</u>	
The Island Construction Ltd.	\$234,100.90
<u>Egmont Bay Bridge Replacement- July 24. 2018</u>	
Stewart Enterprises Ltd.	\$191,384.20
Noye and Noye Ltd.	\$194,241.80
AJL Ltd.	\$215,700.00
<u>Hillsborough Bridge-Structural Steel Strut Replacement July 31. 2018</u>	
Island Steel Ltd.	\$1,860,000.00
Marid Industries Ltd.	\$1,900,320.00
<u>Route 1-Borden-Carleton - September 6. 2018</u>	
Curran & Briggs Ltd.	\$80,704.40
The Island Construction Ltd.	\$88,092.92
Chapman Bros. Construction Ltd.	\$92,757.80
<u>Route 153- Greenmount / St. Felix 2018 -September 6. 2018</u>	
Curran & Briggs Ltd.	\$138,182.30
<u>Route 12 – Alberton – September 6. 2018</u>	
Chapman Bros. Construction Ltd.	\$208,148.00
Curran & Briggs Ltd.	\$208,656.20
<u>IWMC Wellington Site Expansion 2018 -September 12. 2018</u>	
AJL Ltd.	\$157,000.00
Curran & Briggs Ltd.	\$159,100.00
Northern Enterprises Ltd.	\$160,000.00
<u>Borden Carleton Plants 2019 - December 19 2018</u>	
Sommerset Gardens	\$33,230.08
<u>Crowbush Cove- Shore Protection 2019 -January 17. 2019</u>	
G & P Trucking Ltd.	\$707,045.00
Chapman Bros. Construction Ltd.	\$711,845.00
Earthform Corporation	\$768,420.00
Island Coastal Services Ltd.	\$826,845.00
Birch Hill Construction Ltd.	\$985,065.00

Baltic Road Arch Structure - February 12, 2019

Highfield Construction Ltd. \$907,120.00
Island Coastal Services Ltd. \$1,254,000.00

Clyde River Interchange - February 12, 2019

Highfield Construction Ltd. \$1,554,126.00

Trans-Canada Highway Extension 2019 - February 24, 2019

The Island Construction Ltd. \$6,839,649.00
Chapman Bros. Construction Ltd. \$6,996,271.00

Route 2- Springhill 2019 - February 14, 2019

Chapman Bros. Construction Ltd. \$469,295.50
Curran & Briggs. Ltd. \$471,070.50

Route 2 - Hunter River/Hazel Grove 2019 - February 14, 2019

Island Construction Ltd. \$1,268,626.80
Chapman Bros. Construction Ltd. \$1,286,116.80
Curran & Briggs Ltd. \$1,369,446.80

Route 3 – Roseneath & Route 4 – Commercial Cross 2019 – February 14, 2019

Chapman Bros. Construction Ltd. \$915,424.50
The Island Construction Ltd. \$915,576.09

Route 6- Oyster Bed (Portage Road) 2019 – February 14, 2019

The Island Construction Ltd \$75,374.20

Route 12-Central Lot 16 2019 – February 14, 2019

Curran & Briggs Ltd. \$103,743.20

Route 2 & Granville Street Roundabout – Summerside, 2019 February 21, 2019

Curran & Briggs Ltd. \$4,126,900.00
Island Coastal Services Ltd. \$4,194,487.64
Chapman Bros. Construction Ltd. \$4,340,000.00

Route 101-Kensington 2019 -February 21. 2019

Curran & Briggs Ltd. \$359,734.00
Chapman Bros. Construction Ltd. \$364,951.20
The Island Construction Ltd. \$373,386.20

Route 124- Wellington 2019 -February 21. 2019

Curran & Briggs Ltd. \$82,947.00
Chapman Bros. Construction Ltd. \$85,153.80

Route 2-New Annan 2019 -February 21. 2019

Curran & Briggs Ltd. \$349,054.00
The Island Construction Ltd. \$357,571.50
Chapman Bros. Construction Ltd. \$359,914.00

Route 1-Desable Left Turn Lane 2019 – February 21, 2019

Chapman Bros. Construction Ltd.	\$377,151.20
Island Coastal Services Ltd.	\$386,713.90
The Island Construction Ltd.	\$433,577.04

Route 152-St. Edward 2019 – February 21, 2019

Chapman Bros. Construction Ltd.	\$333,700.50
Curran & Briggs Ltd.	\$339,063.50

Route 4 – Wood Islands 2019 – February 21, 2019

Chapman Bros. Construction Ltd.	\$275,110.50
Kings County Construction	\$288,375.90
Birt & MacKay Backhoeing Ltd.	\$291,205.21
Island Coastal Services Ltd.	\$297,294.75

Bannockburn Road Overpass Structure -February 21, 2019

Dunbar Construction Ltd.	\$1,761,586.50
Highfield Construction Ltd.	\$1,878,554.00

Western Region – Highways and Bridges

	km	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Trans-Canada Highway Extension ¹	3.70	0.00	0.00	0.00	0.00	0.00	0.00	3.70	0.00	0.00
Rte 2 – Wellington Centre	1.45	0.00	0.00	0.00	1.45	0.00	1.45	0.00	0.00	0.00
Rte 124 – Urbainville	1.28	0.00	0.00	0.00	1.28	0.00	1.28	0.00	0.00	0.00
Rte 2 – Travellers Rest	0.86	0.00	0.00	0.00	0.86	0.00	0.86	0.00	0.00	0.00
Rte 2 – Hazel Grove	1.24	0.00	0.00	0.00	1.24	0.00	1.24	0.00	0.00	0.00
Abrams Village Storm Sewer ²	0.87	0.00	0.00	0.00	0.00	0.00	0.87	0.87	0.00	0.87
Rte 13 - Hunter River ³	0.48	0.48	0.48	0.00	0.48	0.00	0.48	0.48	0.00	0.48
Rte 6, 7 & 251- Oyster Bed ⁴	1.32	1.32	1.32	0.00	0.00	1.32	1.32	1.32	0.00	1.32
Rte 2 - New Annan Turning & Acceleration Lanes	0.60	0.60	0.60	0.00	0.00	0.60	0.60	0.60	0.00	0.60
Rte 109 & 111 – Newton Roundabout ⁵	1.09	1.09	1.09	0.00	0.00	1.09	1.09	1.09	0.00	1.09
Rte 150 – Union	0.45	0.00	0.00	0.00	0.45	0.00	0.45	0.00	0.00	0.00

	km	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 1, 19 & Heatherway Drive Intersection ⁶	0.09	0.09	0.09	0.00	0.00	0.09	0.09	0.09	0.00	0.09
Rte 1 - Borden	0.59	0.00	0.00	0.00	0.00	0.00	0.59	0.00	0.00	0.00
Rte 12 – Alberton	1.13	0.00	0.00	0.00	0.00	0.00	1.13	0.00	0.00	0.00
Rte 153 -St. Felix/Greenmount	1.49	0.00	0.00	0.00	0.00	0.00	1.49	0.00	0.00	0.00
Rte 165- St Timothy's/Abra ms Village ⁷	0.40	0.40	0.00	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Rte 1A - Summerside	0.21	0.00	0.00	0.00	0.21	0.00	0.21	0.00	0.00	0.00
Western Region Totals	17.25	3.98	3.58	0.00	5.97	3.1	13.15	8.55	0.00	4.45

Notes:

1. Earthwork portion of the Trans-Canada Highway Extension.
2. Includes storm sewer, sidewalk work and paving.
3. Includes placing concrete curb.
4. Roundabout. Includes storm sewer, catch basins, curb and gutter, medians and aprons.
5. Roundabout. Includes storm sewer, catch basins, curb and gutter, medians and aprons.
6. Intersection upgrade. Includes concrete curb and sidewalk installation.
7. Added chipped tires to the subbase of the existing road.

Eastern Region – Highways and Bridges

	km	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Patrick Street – Montague	0.15	0.00	0.00	0.00	0.15	0.00	0.15	0.00	0.00	0.00
Route 356 – New Perth	2.05	2.05	2.05	0.00	0.00	2.05	2.05	0.00	0.00	2.05
Route 1 - Charlottetown (Riverside Drive) ¹	2.35	0.00	0.00	0.00	0.00	0.00	2.35	0.00	0.00	0.00
Route 15 - Brackley	0.53	0.00	0.00	0.00	0.53	0.00	0.53	0.00	0.00	0.00
Route 3 – Roseneath Rte 4 – Commercial Cross	3.35	0.00	0.00	0.00	2.35	0.00	3.35	0.00	0.00	0.00
Route 21 - Mermaid Route 25 - Stanhope	1.75	0.00	0.00	0.00	0.00	0.00	1.75	0.00	0.00	0.00

	km	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Reconstruction	To Be Sealed	New Pavement
Route 322 - Green Meadows	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 17 - Lower Montague	1.10	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00
Route 2 - Northridge - Charlottetown Roundabout	0.90	0.90	0.90	0.00	0.00	0.00	0.90	0.00	0.00	0.00
Route 24 - Grandview	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 16 - Kingsboro	1.10	0.00	0.00	0.00	0.00	0.00	1.10	0.00	0.00	0.00
Route 4 - Murray River & Rte 18 - Murray Harbour	1.80	0.00	0.00	0.00	0.00	0.00	1.80	0.00	0.00	0.00
Route 17 - Montague Main Street 2019	1.05	0.00	0.00	0.00	0.00	0.00	1.05	0.00	0.00	0.00
Route 1 - Stratford 2019	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Route 16 - Kingsboro (East)	1.30	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00
Route 2 - Canavoy	1.43	0.00	0.00	0.00	1.43	0.00	1.43	0.00	0.00	0.00
Route 4 - Commercial Cross	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 3 - Alberry Plains	1.50	0.00	0.00	0.00	1.50	0.00	1.50	0.00	0.00	0.00
Route 210 - Victoria Cross - Montague	0.90	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00
Route 3 - Roseneath - Georgetown Royalty	3.15	0.00	0.00	0.00	3.15	0.00	3.15	0.00	0.00	0.00
MacKinnon Dr. Ext. ²	0.80	0.80	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Route 4 - Dundas/Albion Cross	1.78	0.00	0.00	0.00	1.78	0.00	1.78	0.00	0.00	0.00
Route 322 - Green Meadows (South)	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Eastern Region Totals	31.99	3.75	3.75	0.00	11.89	2.05	31.19	0.00	0.00	2.05

Notes:

- 1 - Project was microseal, length placed under asphalt seal column
- 2 - Project was not completed in 2019, road constructed to gravel grade

Materials and Soils Section

Asphaltic Concrete

A total of eight asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 139,216.94 tonnes of asphaltic concrete was produced in 2018. This included binder course, surface course, levelling course and maintenance mixes.

Daily inspection was carried out at each of the eight plants to control the quality of the mix produced. A total of 323 asphalt mix samples were collected and analyzed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 431.01 tonnes of asphalt mix produced. A total of 124 cores were removed from the contracts to determine compliance with compaction and thickness requirements.

Aggregates

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

Type of Test	No. of Tests
Sieve Analysis Aggregate	477
Sieve Analysis Extractions	333
Specific Gravity	51
Soundness	15
Abrasion	6
Crush Count	6
Sand Equivalent	15
Flat & Elongated Particles	6
Uncompacted Voids Fine Agg Aggregate	6
Micro-Deval	21

In addition, 10 Marshall mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, 33 Stripping tests were carried out to determine the extent of stripping from the various aggregate sources; including were stripping tests done on plant samples taken from each contract.

Asphalt Cement

Asphalt cement specification compliance testing was performed on Performance Grade 58-28, and Polymer Modified 64-28 and 70-28 asphalt cement. A total of 8 samples were tested.

Type of Test	No. of Tests
Specific Gravity	8
Penetration	0

Soils and Granular

Soils testing dealt mainly with granular base course and select borrow. Tests carried out on these materials included sieve analysis, moisture-density relationship, specific gravity and degree of compaction. A total of 377 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	377
Moisture-Density	38
Compaction Test	2,257
Specific Gravity	6

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 364 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 66 samples were obtained from sixteen different projects. Gradation analysis and in situ moisture contents were determined for all samples. In addition, 16 atterberg limit tests, 9 hydrometer analysis and 11 organic indicator tests were also completed.

Concrete

Testing and inspection services were provided for the following Projects:

- Queens County Highway Depot Phase 5A Hillsborough Bridge-Structural Steel Strut Replacement
- Route 6, 7 & 251-Oyster Bed Bridge
- Route 13 - Hunter River
- TCH-Extension Phase 28 C/0
- TCH Extension
- Route 19 & Heatherway Drive
- TCH Extension-Cornwall Phase IIA C/0
- Cornwall Road Overpass-TCH Extension
- Murray Harbour Bridge - Structure
- Baltic Road Arch Structure-TCH Extension
- Fraser Street North
- Fraser Street South
- Route 109 & 11 - Newton Roundabout
- Clyde River - Bridge Crossing - TCH Extension
- Lorne Valley Bridge - Hazel Road Bridge
- Woodville Mills Bridge - Structure Replacement

A total of 400 concrete test cylinders were tested for compressive strength. A total of 430 slump tests and air content tests were performed. In addition, there were two sets of three mortar cubes.

Benkelman Beam - The deflection testing program continued to provide information for overlay thickness design and the spring weight restriction program.

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 and Gas Tax 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
Rte 150, Dock Road (P1-034)	Structure Replacement and asphalt
Rte 255, McCannel Rd (03-039)	Structure Replacement and asphalt
Rte 355, Lorne Valley (K3-051)	Structure Replacement and asphalt
Rte 329, Hazelgreen Rd (K3-048)	Structure Replacement and asphalt
Rte 345, Woodville Mills (K5-017)	Structure Replacement and asphalt
Rte 11, Egmont Bay (P3-047)	Design, Tender, Structure Replacement and asphalt
Rte 210, Head of Montague (K3-033)	Design, Tender, Structure Replacement and asphalt
Rte 345, Murray Harbour (K4-037)	Design, Tender, Structure Replacement and asphalt
Rte 10, Tryon (P4-001)	Deck Replacement
Rte 10, Searletown (P4-048)	Geotechnical investigation, topo survey, design, and tender
Rte 4, Wood Islands (Q4-010)	Geotechnical investigation, topo survey, design, and tender
Rte 109, South Freetown, (P4-018)	Design and tender
Rte 12, Anglo Tignish (P1-021)	Geotechnical investigation, topographical survey
Rte 11, Ox River (P2-035)	Geotechnical investigation, topographical survey
Maint Rte 60387, North Lake (K1-043)	Geotechnical investigation, topographical survey
Rte 16, Chepstow (K1-031)	Geotechnical investigation
Rte 101 - Irishtown (No Structure ID)	Design, structure replacement and asphalt.
Rte 234, Burlington (Q1-087)	Design, structure replacement and asphalt.

Bridge	Work Completed
TCH Rte 1 Hillsborough Bridge (Q5-009)	Structural upgrades, strut replacement and security fencing.
Clyde River Bridge (TCH Extension Project)	New river crossing structure construction.
Cornwall Rd. Overpass (TCH Extension)	New highway overpass structure construction. project

Pre-cast Structure Purchase

The Department received into inventory the following:

1. 15.2M span precast concrete frame: 27 of 39 units.
2. 6.1 M span precast concrete arch: 60 of 60 units.
(all to be incorporated as part of future bridge replacements)

Timber Material Purchase

The Department did not procure any timber elements.

Bridge Inspections and Bridge Management

The Department retained several consultants (as well as our own in-house staff) to conduct detailed bridge inspections 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 1,300 structures across Prince Edward Island. There are several types of structures within the bridge inventory:

1. Multi-Plated Steel Arches
2. Timber Boxes
3. Concrete Bridge/Timber Extensions
4. Sectional Concrete Boxes
5. Steel Sheet Piling Bridges
6. Timber Pile Bridges
7. Steel Pile Bridges
8. Corrugated Steel Pipes
9. Timber Crib Bridges
10. Timber Catch Basins
11. Timber Driveway Boxes
12. Concrete Span Bridges
13. Steel Span Bridges

Bridge Maintenance is comprised of several components:

- Inspection Crew: The crew operates on a 3-year schedule rotating between the 3 counties inspecting approximately 400-500 smaller structures each season.
- Bridge Yard Inventory Crew: Responsible for inventory control for the materials being sent to the various projects across the Island.

- Boom Truck: Responsible for transporting the construction materials to the maintenance crews and construction sites.
- Construction Crews: Six crews are responsible for the yearly maintenance work carried out by the Bridge Section.
- Bridge Management: Duties include overseeing and organizing the schedules of the Bridge Maintenance Staff.

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

Highway Design Section

TIE design section provided the following services during the fiscal year:

- Preliminary planning, detailed design, issued for review, tender, and construction drawings,
- Additional delivery of construction layout information to TIE surveyors
- Pre-tender estimates, and post-construction quantities.

In addition, on multiple projects, the design section worked in liaison with private sector consultant design teams on preliminary planning and design, design revisions and providing assistance in delivering construction layout information to TIE surveyors and field crews.

All incoming electronic survey data was reduced and verified in this section for accuracy prior to preparing further design work.

Project List:

Route	Area of Design Work Done
Route 1 - Trans Canada Highway	<ul style="list-style-type: none"> • Stratford Roundabout: Design coordination with consultant during construction/facilitating the delivery of construction design information from the consultant to TIE. • Trans-Canada Highway Extension Phase 2A - Cornwall to Clyde River: Design coordination with consultant during construction/facilitating the delivery of construction design information from the consultant to TIE as well as in-house design revisions for construction for main highway alignment, Clyde River interchange, Cornwall Road roundabouts and the North River Intersection approach and ramp. • DeSable - Left turn lane onto Old Tryon Road and new commercial access. • Road widening and lane reconfiguration of the TCH - Rte 19 - Heatherway Drive intersection.

Route	Area of Design Work Done
Route 1 A	<ul style="list-style-type: none"> • TCH Bypass drainage improvement - storm sewer upgrades below Oak Drive overpass to reduce flooding on Route 1 • McQuarrie Drive Left Turn Lane
Route 2	<ul style="list-style-type: none"> • New Annan Right Turn and Acceleration Lane • Traveller's Rest Turning Lanes
Route 6 & 7	<ul style="list-style-type: none"> • Oyster Bed Bridge Rural Roundabout - design revisions, issued for construction drawings and survey layout information.
Route 10	<ul style="list-style-type: none"> • Route 10 & Samuel Holland Lane - horizontal and vertical realignment
Route 11 & 109	<ul style="list-style-type: none"> • Newton Rural Roundabout - construction revisions and issued for construction drawings
Route 12 & 131	<ul style="list-style-type: none"> • Grand River Rural Roundabout - detailed design and issued for tender drawings
Route 13	<ul style="list-style-type: none"> • Route 13 Road widening from Route 2 to Bungay Rd • Kelly Cross Vertical Realignment - design revisions for construction
Route 22	<ul style="list-style-type: none"> • Victoria Cross Rural Roundabout - preliminary design options
Route 25	<ul style="list-style-type: none"> • Stanhope Route 25 & Route 6 - proposed mini roundabout preliminary option
Route 26	<ul style="list-style-type: none"> • Keppoch Road & Georgetown Road - additional intersection realignment options
Route 124	<ul style="list-style-type: none"> • Abram's Village Storm Sewer
Route 152	<ul style="list-style-type: none"> • St Louis Storm Sewer
Miscellaneous	<ul style="list-style-type: none"> • Cornwall Heatherway Drive Realignment and Storm Sewer • Montague Fraser Street Storm Sewer • Murchison Lane Hospice - proposed pedestrian pathway • Stratford Road - Glen Stewart Drive - preliminary design coordination with consultant • Mill Road Wellington - preliminary storm sewer design • Fox Meadow Drainage • Vertical profiles and sight distance checks at various existing

Route	Area of Design Work Done
	<p>and proposed access locations and Pile Volume Calculations</p> <ul style="list-style-type: none"> • Post-Construction excavation volumes and other quantity calculations for various 2018 construction projects • Pre-tender estimates for all design projects • Horizontal centerline geometry and paint line layouts for various cold plane, level, and seal projects.

Traffic Control Section

Eastern Region Traffic Operations

Highway Signage

Installation and maintenance of highway signs were carried out by one full-time sign crew based out of Bridgetown, two full-time and one part time sign crews based out of Charlottetown. In addition to highway signs, the crews were responsible for the installation and maintenance of the Tourism Direction Signage, 911 signage, signing detours and some construction signage.

Tourism Directional Signage

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 51 new signs manufactured for new clients and 10 signs that were damaged or faded were replaced. There were 29 signs removed for clients who are no longer in the program.

Highway Marking

Centerline marking was applied to approximately 3800 km of existing highway by the centerline striping machine based out of Charlottetown. In addition to this, 35 kilometers of new construction was pre-marked and painted. Shoulder lines and lane lines were applied to 461 kilometers of arterial highway. Edge lines were painted on approximately 95 kilometers of Collector Highways. Department crews also painted streets in the Cities of Charlottetown and Summerside, the Confederation Bridge and Parks Canada.

Intersections in the region were re-painted by the intersection marking crews, based out of Kings County and Queens County. Permanent markings were applied to some major intersections as part of capital upgrades. Raised pavement markings were installed on newly paved sections of Arterial Highway and damaged or missing ones were replaced.

Highway Lighting

Maintenance of highway lighting was carried out by Hansen Electric in Queens County and by Foster Campbell Electric Ltd. in Kings County. Area lighting was improved in the region by continuing the installation of LED fixtures, replacing high pressure sodium fixtures within the Province. New LED lighting was also installed at the new roundabout in Oyster Bed Bridge at the intersection of Routes 6, 7 and 251.

Flashing beacons and lighted barricades were used for detours and in advance of some major highway construction projects.

Access Control

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

Western Region Traffic Operations

Highway Signage

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

Tourism Directional Signage

Tourism directional signage is carried out by Department of Economic Growth, Tourism and Culture. 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 37 new signs manufactured for new clients also 14 replaced due to faded or damaged. There were also 18 signs removed due to clients no longer in system

Highway Marking

Centerline marking was applied to approximately 800 km of existing highway by the centerline striping machine based in Charlottetown. Shoulder/Edge lines were painted on approximately 250 km of highway. Center line and shoulders were applied for 17 km of new construction plus 42 km of maintenance recap. Intersection marking were applied by intersection marking crews based in Summerside. Permanent markings were applied to some major intersections as per capital upgrades. The installation of raised markers continues in some area to enhance pavement markings on highways

Highway Lighting

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

Access Control

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

Provincial Sign Section

The Sign Shop continued to produce highway signage for the Island. The Sign Shop has two full-time classified positions, 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	49	19	57
Extruded signage	7	4	1
Public Road Names	162	36	67
Private Road Names	19	21	21
Regulation and Warning	1,154	67	280
Route Assemblies	60	22	271
Community	24	9	79
Project Boards	72	1	0
HISS	37	29	46
Construction	75	0	16
Subtotal	1,659	208	838

Un-invoiced Signage within Department:

Signs sent to Charlottetown Stock	1,499
Construction Signs sent to Charlottetown Stock	599
Specialty Signs within Department	269
Body Shop Decal	45
Public Works Name Plates	258
Public Works Other Signage	11
Subtotal	2,681

Invoiced Signage:

Other Departments	419
Public Works signs (and smaller vinyl stickers)	307
TIE Maintenance	380
Parks Canada	23
Rails to Trails	469
Rails Delineators	1,020
Municipalities	179
Construction	120
Other Companies	245
Subtotal	3,162
Prince County	1,659
Queens County	208
Kings County	838

Un-invoiced signs	2,681
Invoiced signs	3,162
Total	8,548

Mapping and Geographic Information System (GIS-T)

In the fiscal year of 2018/19, the Mapping and GIS-T section was involved in a number of on-going and new initiatives. There was one staff member assigned to work in this area during this reporting time as well as two summer students hired by Traffic Operations.

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. There is no funding agreement at this time to offset the costs associated with the collection of the data.

Work continued in support of the department's highway pavement management system. Pavement roughness data for 2018 was formatted for incorporation into the system as well as 2017 highway paving projects, highway alignment changes and traffic count data. In addition to these, a visual surface distress survey was completed on the high-volume traffic network this year which required the involvement of Mapping and GIS-T.

Efforts continued to develop a cloud-based mapping portal using ArcGIS Online where a number of mapping applications featuring department and government data are hosted. Maps showing construction tenders; winter maintenance; traffic counts; sectioning and chainage values; paving history; pavement quality; and civic addresses and community/municipal boundaries are available to be accessed. These mapping applications are also able to be used with mobile phones which make them valuable tools while on site locations.

A project was completed with the Public School Board and La Commission scolaire de langue français to update school boundaries and to develop an online mapping tool to assist in identifying and querying civic addresses and their associated school catchments.

This year a project using the application Collector for ArcGIS was initiated. This application enables staff to use the GPS in a smart phone to collect the location of features and input/change their attribute data. The project involved mapping the location and creating a detailed inventory of provincial roadway signs, signals and lighting. This work was carried out primarily by two summer students with assistance from staff based in Slemmon Park. The Collector application proved very effective as about 75% of the almost 32,000 assets were mapped and categorized in the 2018 summer season.

The Collector application was also introduced to the Confederation Trail Maintenance section to assist them in identifying assets; locating new assets; documenting and photographing trail damage; and recording upcoming work locations.

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; routing and detour maps; 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 and Corrugated Steel Drainage Pipes

During the year, the Division tendered and purchased both polyethylene and corrugated steel 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. Atlantic Hy-Span was awarded the contract for supplying the corrugated steel drainage pipe and ADS Canada polyethylene drainage pipe. Due to culvert washouts the Department purchased polyethylene plastic pipe from Campbell's Concrete. The total value of both corrugated steel and

polyethylene drainage pipe purchased by the Department for its maintenance projects during the season is as follows:

	Corrugated Steel	Polyethylene
Atlantic Hy-Span	\$4,175.52	
Campbell's Concrete		\$66,424.29
Soleno		\$647,931.65

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

Pipe Diameter	Central Region (Meters)	Western Region (Meters)	Eastern Region (Meters)
Corrugated Steel	(Meters)	(Meters)	(Meters)
300 mm	8	0	9
400 mm	0	0	9
500 mm	15	0	1
600 mm	0	0	9
800 mm	6	0	0
900 mm	0	0	0
1200 mm	0	0	0
Total	29	0	28
Polyethylene	(Meters)	(Meters)	(Meters)
300 mm	0	172.2	133
375 mm	1,534	1,156.5	408
450 mm	1,143	1,563.5	542
525 mm	170.69	0	75
600 mm	480	1,203.5	341
750 mm	32.3	125	48
900 mm	49	67	32
1200 mm	37	0	0
1500 mm	43	0	0
Total	3,488.99	4,287.7	1,579

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

Type of Installation	Central Region (meters)	Western Region (meters)	Eastern Region (meters)
New Installations	895.50	1,195.40	551.00
Replacement	2,398.80	2,360.30	662.00
Extension	49.60	43.50	21.00
Cross Culvert	100.00	573.20	341.00

Confederation Trail	56.00	21.30	0.00
Water Problems	0.00	0.00	0.00
Relocate	0.00	0.00	30.00
Total	3,499.90	4,193.7	1,605.00

*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 2018 - 2019, the Department sealed approximately 23,550 meters of cracks, using a total of 8050 kilograms of sealant material.

Technical Services

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

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 Trail

Brush Cutting	187.92 km (187,920 meters)
Culvert Replacement	76.5 meters
Vegetation Control	444 km
Ditching	4,002 meters
Pre-Development	12.5 km
Groom and Roll	142.72 km (142,720 meters)
Groom and Resurface	11,100 meters (11.1 km)

Schedule of Highway Tenders Received

April 1, 2018 - March 31, 2019

Route 18 - Murray Harbour - May 3, 2018

M & M Resources Inc.	\$72,116.72
Island Construction Ltd.	\$81,011.72
Chapman Bros. Construction Ltd.	\$91,484.92

Route 322- Morell/ Green Meadows - May 3, 2018

Island Construction Ltd.	\$89,795.06
Chapman Bros. Construction Ltd.	\$89,969.16

Route 24- Kinross/Lyndale - May 3, 2018

M & M Resources Inc.	\$121,269.70
Island Construction Ltd.	\$126,138.18
Chapman Bros. Construction Ltd.	\$143,832.12

Route 152- Montrose - May 3, 2018

Chapman Bros. Construction. Ltd.	\$81,813.40
Curran & Briggs Ltd.	\$85,745.40

Route 106- Clermont - May 3, 2018

Chapman Bros. Construction Ltd.	\$106,879.00
Island Construction Ltd.	\$107,823.00
Curran & Briggs Ltd.	\$109,972.00

Route 107- Wilmot Valley- May 3, 2018

Chapman Bros. Construction Ltd.	\$86,694.50
Island Construction Ltd.	\$88,864.50
Curran & Briggs Ltd.	\$89,531.50

Route 6 Oyster Bed Bridge Portage Rd - February 14, 2019

Island Construction Ltd.	\$75,374.20
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Maintenance Operations

EASTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **17,041.59** tonnes was used by the branch for repairing the Province's paved road network in the

Eastern Region. This asphalt was financed from the Division's operation and capital maintenance budget. Hand patching crews spread 2,462.58 tonnes. Private contractors supplied/placed 14,579.01 tonnes of asphalt over 26.31 kilometres.

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

Supplier	Tonnes
Island Construction	5,256.47
Chapman Brothers	11,095.91
M&M	689.21

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 26.31 kilometers.

Kings Zone K-1		Kings Zone K-2	
Road Name	Kilometres	Road Name	Kilometres
Bear River (Rte. 307)	0.85	Cardigan Road (Rte. 313)	2.44
Northside Road (Rte. 016)	0.31	Cable Head Road (Rte. 336)	0.80
East Baltic (Rte. 302)	1.00	Bangor Road (Rte. 321)	1.00
Monument Road (#60193)	0.49	Milburn Road (Rte. 337)	1.00
North Lake Bridge area (#60208)	0.31	Rte. 322 – Morell/Green Meadows	1.00
Rte. 16 – Kingsboro	1.10	Palmers Lane	0.30
Total Km	4.06	Total Km	6.54

Kings Zone K-3		Kings Zone K-4	
Road Name	Kilometres	Road Name	Kilometres
Cardigan North (Rte. 311)	0.74	Riverside Drive (Rte. 353)	0.72
Cardigan Causeway (Rte. 321)	0.79	Robertson Road (Rte. 319)	0.64
Primrose (Rte. 311)	1.72	MacLean's Street	0.13
Cumberland Rd (Dundas) #60061	0.67	Wood Islands Rd (Rte.315)	1.00
Queens Road (Rte. 210)	1.56	Rte. 18 – Cape Bear Rd	1.80
Greenfield Road (Rte. 320)	1.55	Robertson Road (Rte. 319)	0.65
Brothers Rd	0.64	Rte. 4 - Commercial Rd	1.00
		Rte. 17 - Lower Montague	1.00
		Shore Rd – Little Sands	1.00
Total Km	7.67	Total km	7.94

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately **443** kilometres were cut. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

Road Maintenance

During the year, seven graders in the county carried out grading services on the unpaved road network grading approximately **1,797** 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)
8,741	9,957	156

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 **162.09** kilometres of roadside grass. This contractor was contracted to cut grass from the middle of June until the end of September. In addition, three department owned farm tractors equipped with rotary movers and side cutter attachments, were utilized for roadside grass cutting on the balance of approximately **1338** kilometres throughout the Eastern Region.

Shoulder Material

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

Dust Control

Maintenance crews used **275** 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 **136,358** litres was used to treat approximately 93 kilometres of road.

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

Kings Zone K1 Eastern Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Basin Head (Rte. 016)	.60						
Bothwell (Rte. 016)	.20						.20
East Road/Chepstow (both sides)	.20						
East Road/Kingsboro	.30			.65			
East Road/Red Pt. (both sides)	.10				0.5 p		
East Road/South Lake		.10					
Fortune Harbour Road					.03 unp		
Fortune Wharf Road					.05 p		
Fountain Head					.20 unp		.10
Fraser		.13					
Glen			.06				.10
Greenvale	.10				.25 unp		
John Dan Chaisson				.05			.03
Little Harbour Beach Road	.10						
Lower Rollo Bay	.25				.03 p		
Munn's							.09
Naufrage		.20	.20				
New Harmony							.25
North Lake (Monument)				.50			
North Lake (Lakeville)				.30			
Peter			.01				
Red Point Park Road		.09					
Rollo Bay – Rte. 002							.03
Souris Line	.10	.10					
St. Charles		.35					
Total	1.95	.97	.27	1.50	1.06	.00	.80

Kings Zone K-2 Eastern Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Ashton							.10
Bangor		1.00		.20			
Barry		.20	.10	.10			.40
Bennett					.25 unp		
Cable Head West		1.00		.20	.03 p		.20
Cardigan				.07	.05 p		
Church Road				.03	.10 p		
Collins		.10					.12
Crank		.05			.25 unp		
Creek Road			.10				
Fanningbrooke					.50 p		
Farmington – Rte. 002				.20			
Five Houses			.10				
Forest Hill				.05			
Fort Augustus					.70 p		
Green Meadows				.05			
Greenwich							.20
Head of Hillsborough					.05 p		
Kenny		.40					
Kenovan		.10					
Klondike		.05					
Lighthouse Road				.05			
MacLaren				.05			
MacMillan			.30				
MacSwain		.20			.07 unp		
Midgell – Rte. 002				.06			
Milburn					.05 p		
Monticello	.10						
Morell East				.05	.25 p		
Myers							.10
Pinetree Lane							.05
Peakes				.03			
Sandy Cape		.30	.90				.04
Scully		.10					

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Settlement					.20 p		
Shore Road		.05				.40	
St. Peters – Rte. 002							
St. Peters Harbour					.03 p		
Turrett Bell		.30	1.00				
Upton Road		.10					.08
Total	.10	3.95	2.50	1.14	2.53	.60	1.09

Kings Zone K-3 Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Baldwins				.30			
Brothers				.62			
Chapel				.80			
Christian							.70
Clay					.08 p		.14
Cumberland					.65 p		
Forty-eight				.30			
France Road extension			.20				
Georgetown							.13
Green		.30	.30				
Launching (Rte. 311.02)				.70			
Lighthouse Road		.55					
Little River Road					.50 p		
Loyalist					.40 unp		
Peakes							.60
Queens Road					.15 p	.15	
Springfield		.30					
St. Georges (Cl A gravel section)		.50					
St. Georges (clay section)					.40 unp		
Weatherby							.14
Total	.00	1.65	.50	2.72	2.18	.15	1.71

Kings Zone K-4N Eastern Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Campbell							.30
Campbellton St (Montague)					.10 p		
County Line Road			.10				
Dalmaney Road S							2.50
Downeast Cres. (Montague)					.10 p		.05
French Creek Road					.10 p		.10
Gaul St. (Montague)							.10
Heatherdale (Rte. 316)					.30 p		.30
Kilmuir (Rte. 316)							.30
Loane							.50
Lower Montague							1.50
MacDonald					.20 unp		.20
Old Ross Lane							.10
Queen's Road							.10
Robertson							.50
Roma Point		.50			.10 p		2.10
Shaw's Lane							.20
South Montague				.70			
St. Andrew's Pt							.10
Thorton			.10				
Valleyfield							.10
Wood Islands							.50
Total	.00	.50	.20	.70	.90	.00	9.55

Kings Zone K-4S Eastern Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Beach Road	.05						
Buell			.10		.05 p		.20
Cape Bear				.50			.40
Commercial					.05 p		
Compton			.10				

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
County Line			.30		.20 unp		
Dover							.50
Floating Bridge Road			.10				
Girl Guide Camp Road							.30
Gladstone		.10					
Greek River Road							.10
Grey's Road		.10	.10				.50
Hopefield				.50			
Livingstone			.10				
Machon Point							.10
MacFarlane			.10				
McCarron							.80
Moore Drive							.10
Munn's			.10				
Murray Harbour N							.50
Norman's							1.50
Peter's Road (Alliston)				.20	.05 p		.50
Peter's Road				.50			
Reilly Lane		.10					
Riverside Drive		.05					
Shore Road				.30			.10
Total	.05	.35	1.00	2.00	.35	.00	5.60

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 6,202.43 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased 2,231.69 tonnes of salt to blend with its winter sand. The Region purchased 27,088.02 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 five sites; the other two sites consisted of 100 percent imported. This material was stored at seven (7) sites throughout the Region. Approximately, 1,771 tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2018/2019 season.

Ice Control

Ice control on sections of Highway 2, 3, 4 and 16, as well as Souris and Montague main streets, including 148.90 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 five sanding contractors using department installed hoppers and spreaders. Winter sanding contractors completed the fourth year of their four-year contract. In addition, six department trucks were utilized to provide services to various locations throughout the Country.

Snow Fence Report

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

Contracted Services

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

Contractor	Kilometres Plowed
Chapman Brothers	166.70
G & P Trucking	102.00
Kenny Macleod	106.60
Kings County Construction Ltd.	126.10
Total	501.40

The Department was responsible for plowing, sanding and salting 659.90 kilometres of highway. To this end, 21 plow routes. Below, is the breakdown of the kilometers for which the Department was responsible for plowing, sanding and salting.

Eastern Region

Location	Km	Graders	Blowers	Loaders	Truck
South Lake	23.80	X			
Bayfield	27.60	X			
St. Charles	31.60				4x4
Morell	36.80				4x4
48 Road	28.00				tandem combination
St. Teresas	28.50				4x4
Bridgetown	28.90				tandem combination
Georgetown	32.40				tandem combination
Annandale	36.90				4x4
Cardigan	32.30				tandem combination
St. Georges	34.60				tandem combination
Montague	8.20				single combination
Whim Road	37.10				tandem combination
Murray River	35.20				tandem combination

Location	Km	Graders	Blowers	Loaders	Truck
Morell East	31.20				tandem combination
Guernsey Cove	33.70	X			
Hopefield	42.00				
Gaspereaux	56.30				tandem combination
Souris (includes streets salted)	28.00				tandem combination
Cardigan (includes areas sanded)	36.10				tandem combination
Murray River (streets)	10.70			X	
Total	659.90				

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

CENTRAL REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the first week in June to the second week in October. A total of 24,243.50 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 maintenance budget. Hand patching crews spread 2,830.91 tonnes.

Private contractors supplied/placed 21,412.59 tonnes of asphalt over 37.09 km. The following is the tonnage of asphalt acquired from each firm:

SUPPLIERS	TONNES
Curran & Briggs Ltd.	1,190.65
Chapman Bros.	3,484.25
Island Construction	15,304.77
M&M Resources	4,263.83
Total	24,243.50

RESURFACING

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 37.09 kilometres.

Queens Zone Q-1

Queens Zone Q-2

Road Name	Kilometres	Road Name	Kilometres
Dromore Road	1.58	Birkallum Drive	.52
Halliday Road	0.80	MacKinnon Court	.40
Village Green Road	1.03	Jay Lane	.08
Monaghan Road	1.07	Georgetown Rd	.30

Road Name	Kilometres		Road Name	Kilometres
Pownal Road	1.00		Richard Douglas Drive	.57
Murray Harbour Rd Rte 24	1.50		Sunbury Road	.60
				Recycled Asphalt
Mermaid Rte 21	1.00		48 Road (Mt. Albion)	1.02
			48 Road (Avondale)	1.03
			Dewar Drive	.71
			Hopeton Road	.14
			Mason Road	.20
			Mutch Drive	.28
			Pownal Road	.40
			Station Road	.60
			Tracadie Harbour Road	1.89
			Bonavista	.35
			Duncan Ave	.35
			MacLachlan Dr.	.20
			Cass's Rd	.57
			Bayshore Rd	2.40
Total km	7.92		Total km	12.61

Queens Zone Q-3

Queens Zone Q-4

Road Name	Kilometres		Road Name	Kilometres
Colville Road	.95		Grahams Road	1.00
Crooked Creek Road	.95		Woodside Road	.56
Appleby Lane	.30		Church Road	.46
Miller Drive	.30		North Road	.56
Bonavista Drive	.71		Rattenbury Road	1.00
Green Road	1.00		Trout River Road	.92
Riverdale Road	1.00		Rte. 224 – Wheatley River	1.26
Sobey Drive	.42			
Wharf Road, Nine Mile Creek	1.10			
Wilfred Drive	.51			
Rte. 19 – New Dominion	.96			
Ferry Road	2.00			
Birch St.	.20			
Total km	10.80		Total km	5.76

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 (m ³)	Sandstone (t.)	Gravel (m ³)	Gravel (t.)	Rock (t.)
26,043.00	11,940.6		29,037.96	140.53

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

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

Guardrail and Roadside Maintenance

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

Grass Cutting

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

Shoulder Material

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

Dust Control

Maintenance crews used 100 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 265,610 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	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
48 Road				.40			12.00
Angus J. MacLean Road							4.00
Avondale Road					.10		8.00
Cape Breton Road			.10	.10	.10		
Center Road							3.00
Compton Road				.20	.20		
East Uigg Road			.10				
Gairloch Road							4.00
Garfield Road	.30						12.00
Gay Road	.10				.20		3.00
Gillis Road		.20					
Greys Road							8.00
Horton Road		.80					.80
Iona Road							6.60
MacAulay's Wharf Road		.10					.60
MacPhail Park Road		.10					
Monaghan Road							7.20
Murray Harbour Road				.40			12.00
New Cove Road	.10						4.00
Orwell Cove Road							2.00
Point Prim		.20			.20		
Pownal Road							3.00
Queens Road				.30	.10		5.00
Roseberry					.10		
Rte.3, Alberry Plains					.10		
Seal River Road			.20				15.00
Selkirk Road				.40			20.00
Trans-Canada Highway				.50	.20		3.00
Camp Buchan		.30					
Klondyke			.30				
Klondike			.20				4.00
Shore Road							4.00
Village Green					.20		1.20
Dugan Road		1.00			.20		

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Gauls Road		.10					.40
Newton Road				.90			4.00
Irving Road	.10				.20		2.00
Heritage Road						.10	
Total	.60	2.80	.90	2.90	1.90	.10	160.80

Queens 2 – Central Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Bethel Road							7.00
Bunbury Road				.75	.10		
Duffy Road			10.00				
Fort Augustus Road				1.00			5.00
Keppoch Road					.10		
MacLennan Road					.10		
McKenna Road							.75
Mt. Herbert Road				.25			
Pownal Road				1.05	.20		5.20
Teahill Road							.25
Total	0.00	0.00	10.00	3.05	.50	0.00	18.20

Queens 3 – Central Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Afton Road			1.00				2.50
Bedford Road				1.00			6.00
Blooming Point Road					.15		
Donaldston Road							2.50
Dougan Road		.50					
East Suffolk Road							15.00
MacGillvary Road		.25					
Millcove Road		.70					
Mt. Stewart Road					.10		
Old Cardigan Road		.25					
Pleasant Grove Road							3.00

Pt. DesRoches Road		.50					
Portage Road	.10						2.00
Queens Point Road					.15		
Watts Road			.25				
Suffolk Road			.75		.30		
Vickerson Road							1.00
Jenkins Road							.50
Total	.10	2.20	2.00	1.00	.70	0.00	32.50

Queens 4 – Central Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Appin Road			.80				
Black Creek Road			.20				
Bolger Park							.10
Callaghan Road							.30
Colette Road			.10				
Cornwall Road				.90			
Cottage Road		.10					.05
Dock Road							.02
Ferguson Road	.05						
Halls Lane	.05						
Kingston Road				1.00			
Kinkora Road				.80			
Lynwood Road			.05				
MacDonald Road			.20				
MacEachern Road East		.10					
McKenna Road			.05				
Mill Road Wiltshire			.05				
Meadowbank Road				.80			
Monument Road	.05						
Old Mill Road Crapaud	.05						
Riverdale Road				1.00			
Route 13				.80			.40
West River Road				.20			
Wharf Road, York Point				1.00			
Total	.20	.20	1.45	6.50	0.00	0.00	.87

Queens 5 – Central Region – Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Adams Road N Granville							1.00
Bertram Road							1.00
Bonang Road	.10	.10					
Brander Pond			.40				
Bumble Bee Road			.10				2.00
Buntain Road	.10			.20	.20		
Burlington Road		1.50					
Campbell's Pond			.15				1.50
Cape Road, Park Corner			.10				
Cape Road, Rustico		1.00					
Center Road	.20	.15					
Cobb Road					.30		
Cousins Shore			.15		.10		
Dump Road, Cymbria			.15				
Grady Road					.10		2.00
Harding Creek Road				.30			
Hazelgrove Road							3.50
Houston Road			.20				1.00
Hotdog Road							1.50
Irishtown Road							
Junction Road	.05						
McCourt Road							2.50
MacLean Road					.10		
Mill Road Rte 2							.50
Millman Road							1.50
Millvale Road	.25	.40					
Mt. Tom Road							.70
New Road							1.20
New Orleans							2.00
Old New London Road							.70
Old Springfield Road							.15
Perry Road							2.00
Pine Grove Road							1.50
Princetown Road E				1.50			

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Route 6, Stanley Bridge				.60			
Route 13, Mayfield					.25		
Rustico Road, Rte 6				.30			1.50
Simpson Mill Road					.10		2.00
Smith Road					.70		
Taylor Road				.25			
Toronto Road			.20				
Turner Road							2.00
Warburton Road							4.00
Weeks Road			.25				
Wharf Road, Long River		1.50			.80		1.00
Humphry Lane			.15	.30	.30		
Rte 6 Rustico							1.50
York Road					.15		
Brackley Point Road							3.00
Matheson Road				.10	.10		.10
MacInnis Road		.10	.30				.50
Black River Road						.20	
Fountain Road				.25	.15		
St. Mary's Road				.35			
Grande Pere Road				.15			
Union Road							1.00
Wharf Road Cymbria				.10	.10		
Total	.70	4.75	2.15	4.20	4.35	.20	42.85

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 23,948.86 salt purchased for salt-only and 50/50 mix for ice control. The region purchased 2,344.69 tonnes of salt to blend with its winter sand. The blended winter sand consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at seven sites throughout the Region. 30,528.99 tonnes of blended winter sand was purchased for use in this 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 - City of Charlottetown

The Department carried out snow and ice control on 25.52 kilometres of main streets in the City. The City of Charlottetown purchased 7,151.24 tonnes of salt and 138.31 tonnes of blended sand from the Department.

Snowfall Records

Total snowfall as recorded by TIE staff and Environment Canada at recording stations in the Central Region was:

Location	Recorded (cm)
Wood Islands	234.7
Charlottetown (EC)	238.5

Snow Fence Report

The Department installed approximately 11,310 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 final year of a seven-year contract with private contractors.

Contractor	Kilometres Plowed
Island Coastal East	189.40
Birt & MacKay Ltd.	94.40
M & M Resources	99.10
Island Construction	133.50
Maritime Construction	119.57
Matheson Construction	101.37
Matheson & MacMillan	85.86
Westisle Construction	149.20
Total	972.40

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:

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West, Charlottetown to Crapaud	32.1				2
St. Peters Road, Charlottetown to Canavoy	31.3				1
TCH East Charlottetown – Eldon	35.4				1
TCH Eldon - Wood Islands & 2 of Selkirk R	43.6				1
By-Pass Charlottetown	10.0				1
Charlottetown Route 2 – Summerfield	37.3				2
Route 225 & Colville Road	35.4				1
Route 235 & 13	32.5				1
Rustico Road, Cavendish Rd	29.5				1
Cornwall Subdivisions	10.0	1			
Cornwall Subdivision, Cornwall Road to Kingston Rd	12.1	1			
Murray Harbour, Kinross & Selkirk Road	39.5		1		1
Ebenezer, Mayfield and Rennies Road	29.8				1
Rustico	18.1			1	
Cornwall, York Point	17.2			1	
Meadowbank, Ferry, York Point and Upton Road	30.9				1
Stratford Road & Bunbury	52.3	1			2
Murray Harbour, Kinross Road and Selkirk Road	19.3				1
Ft. Augustus Road to Pisquid	20.7				1
Hillsborough Bridge, Kinlock Rd	8.0				1
Charlottetown Mains	29.4				2
Pownal, Crossroads, Stratford & Keppoch	32.5			1	2
Government building lots			1	2	
York Point Road to Pleasant Grove, Vessey	11.7				1
Brackley Point, Portage and Union Road	24.4				
Bedford Road, Eastern, Black River & section of York Road	27.3				1
By-Pass	16.2				1
Central Region (used where needed)			4		
Spares		3		2	3
Total	686.5	6	6	7	29

WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from June to October. A total of 32,670.47 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 2,475.12 tonnes. Private contractors supplied/placed 30,195.35 tonnes of asphalt over 46.51 kilometres.

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

SUPPLIER	TONNES
Chapman Bros	15,536.42
Curran & Briggs	17,134.05
Total	32,670.47

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 46.51 kilometres.

Prince Zone P-1

Prince Zone P-2

Road Name	Kilometres		Road Name	Kilometres
Sherwood Forest	.44		County Line Rd	.50
Freetown Rd	1.00		Lower Darnley Rd	1.00
Mt Tryon Rd	.59		Hamilton Rd	1.00
Dunk River Rd	.50		Rte 127 Macssac Rd	1.45
Searltown Rd	1.07		Rte 11 Mt Carmel	1.47
McCardle Rd	.40		Rte 130 Richards Rd	.60
Dickie Rd	.30		Barlow Rd	.43
Wilmot Valley Rte 107	1.10		School St	.25
			Rte 177 Wellington	.51
			Rte 135 Taddy Rd	.54
			Harmony Line	.49
			Rte 11 Miscouche	.70
			Rte 11 Cape Egmont	.79
			Clermont Rte 106	1.50
Total Km	5.40		Total Km	11.23

Prince Zone P-3**Prince Zone P-4**

Road Name	Kilometres	Road Name	Kilometres
Sunnyside Rd	.98	Mill Rd	1.10
Slemon Park	1.10	Pridham Rd	.75
Taylor Crescent	.30	Rte 14 Campbellton	.40
Ferry Rd	1.20	Guard & Mill River E	.60
Green Park	.62	Montrose Rte 152	1.10
Rte 12 Carrs Corner	1.30	Trout River Rd	.40
Locke Shore Rd	.70	Thompson Rd	1.00
Brookside Rd	.23	Norway Rd	1.00
Allen Rd	1.00	Gaudet Lane	.70
O'Leary Rd	.51	Conway Rd	.60
Enman Shore Rd	.50	Founders Lane	.50
Howlan Rd	1.14	Rte 153 Greenmount	1.16
Smallman Rd	1.42	Maple St Tignish	.96
Buchanan Rd	.80	Church St Tignish	.98
Church Rd & Rte 12	.58	Rte 152 - Montrose	1.00
Hamilton Rd	.45	Doyle Rd	.52
Bulger Rd	.25		
Brae Harbour Rd	.50		
Water St	.23		
Locke Rd	.80		
Grand River Rte 12	1.50		
East Bideford Rte 163	1.00		
Total Km	17.11	Total Km	12.77

Bush Cutting

During the season, three government and two private mechanical bush cutters cut bushes along the highway. Approximately 484.60 (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 298 kilometres of seasonal roads and 221 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
21,884	14,084	202	30	4,718

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

Guardrail and Roadside Maintenance

Maintenance crews were employed within the county to repair damaged sections of guardrail. Also, these crews cut grass and weeds around guardrails and guideposts in each zone.

Grass Cutting

The Department contracted five private grass cutters to maintain 838.8 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September (3 cuts). In addition, 3 department tractors were utilized for roadside grass cutting on arterial collectors and scenic drives of approximately 816.92 (two passes) 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 236384 litres was used to treat 86.20 kilometres of road.

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	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Mt Tryon Road		0.60		0.60			
Freetown Road		1.00		1.00			
Dunk River Road		0.50		0.50			
Searltown Road		1.00		1.00			
Bedeque Rink Road	2.00		2.00				
N Freetown Road		3.00	3.00				
MacCallums Pt			4.00				
Campbell Road		0.80					
Montgomery Road				1.50			
Dougay Road	1.00						
Freetown Road	2.00						
Blue Shank	2.00						
Bradford Road					0.80		

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Campbell Shore			1.20				
MacMoen Road			2.10				
Murray Road			2.10				
Boodle Road			2.00				
Clark Road	2.00						
Baker Shore Road		1.00					
Murphy Road		2.00					
Total	9.00	9.90	17.90	3.10	0.80	0.00	0.00

Prince Zone P - 2 Western Region - Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Clermont Road	0.00	0.00	0.00	4.90	0.00	0.00	0.00
Rte 12 Belmont	0.00	0.00	0.00	1.30	0.00	0.00	0.00
Teddy Rd	0.00	0.00	0.00	0.50	0.00	0.00	0.00
MacIsaac Rd	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Rte 11 Mt Carmel	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Rte 177	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Harmony Rd	0.00	0.00	0.00	0.50	0.00	0.00	0.00
County Line	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Hamilton Loop	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Lower Darnley	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Lock Shore Rd	0.00	0.00	0.70	0.70	0.00	0.00	0.00
Rte 11 Miscouche	0.00	0.00	0.00	0.70	0.00	0.00	0.00
Rte 11 Maximville	0.00	0.00	0.00	0.80	1.10	0.00	0.00
Rte 177 St. Raphael	0.00	0.00	0.00	0.50	0.00	0.00	0.00
Barlow Rd	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Taddy Rd	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Rte 124	0.00	0.00	0.00	0.00	0.60	0.00	0.00
Rte 12	0.00	0.00	0.00	0.00	0.60	0.00	0.00
Rte 2 Miscouche	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Arsenault Rd	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Arsenault Sawmill	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Rte 2 St. Eleanors	0.00	0.00	0.00	0.00	0.40	0.00	0.00

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Rte 2 Richmond	0.00	0.00	0.00	0.00	0.20	0.00	0.00
Rte 12 Lot 16	0.00	0.00	0.00	0.00	0.00	0.40	0.00
Belmont Park	0.00	1.40	1.40	0.00	0.00	0.00	0.00
Ferry Road	0.00	0.70	0.00	0.00	0.00	0.00	0.00
Strang Rd	0.00	0.20	0.00	0.00	0.00	0.00	0.00
Cannon Town	0.00	0.70	0.00	0.00	0.00	0.00	0.00
Princetown	0.00	0.00	1.00	0.00	0.00	0.00	0.00
Total	0.00	3.00	3.10	14.90	4.90	0.40	0.00

Prince Zone P - 3 Western Region - Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Ramsay Rd	0.00	0.20	0.00	0.00	0.00	0.00	0.00
Smallwood Rd	0.00	0.05	0.00	0.00	0.50	0.00	0.00
Oatway Rd	0.00	0.10	0.00	0.00	0.00	0.00	0.00
Boulter Rd	0.00	0.00	0.15	0.00	0.00	0.00	0.00
Isaac Rd	0.00	0.00	0.12	0.00	0.00	0.00	0.00
Old School Rd	0.00	0.00	.12	0.00	0.00	0.00	0.00
Terry Boylan Rd	0.00	0.00	0.50	0.00	0.00	0.00	0.00
Camp Tamawaby	0.10	0.10	0.20	0.00	0.00	0.00	0.00
Luke Road	0.00	0.00	0.20	0.00	0.00	0.00	0.00
Macintosh Rd	0.00	0.20	0.20	0.00	0.00	0.00	0.00
Co-op Rd	0.00	0.00	0.20	0.00	0.00	0.00	0.00
Praught Rd	0.50	0.00	0.00	0.00	0.00	0.00	0.00
Mickey Allen Shore	0.10	0.50	0.50	0.00	0.00	0.00	0.00
Enman Shore Rd	0.80	0.00	0.00	0.00	0.00	0.00	0.00
Rte 127 Aldouse	0.00	0.10	0.10	0.00	0.30	0.00	0.00
Port Hill station	0.00	0.25	0.00	0.00	0.30	0.00	0.00
MacNeil Mills	0.00	0.00	0.00	0.00	0.25	0.00	0.00
McCaller Rd	0.00	0.00	0.00	0.00	0.30	0.00	0.00
Brae Harbour Rd	0.00	02.0	0.25	0.00	0.10	0.00	0.00
O'Leary Rd	0.80	0.00	0.00	0.00	0.25	0.00	5.50
Rte 14 Milo	0.00	0.00	0.00	0.00	0.20	0.00	0.00
Baker Shore	0.05	1.00	0.00	0.00	2.00	0.00	1.00

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Rte 12 Poplar Grove	0.00	0.00	0.00	0.00	0.20	0.00	3.00
Grand Digue	0.00	0.00	0.00	0.00	0.75	0.00	0.00
Bannerman Rd	0.00	0.75	0.00	0.00	0.00	0.00	0.00
Harts Gravel	0.00	1.00	0.00	0.00	0.00	0.00	3.00
Beaton Rd	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Buchanan Rd	0.80	0.00	0.00	0.80	0.00	0.00	0.00
Allen Rd	0.50	0.00	0.00	0.50	0.00	0.00	3.00
Northam Rd	0.50	0.00	0.00	0.50	0.00	0.00	7.00
Rte 12 Tyne Valley	0.00	0.00	0.00	0.00	0.00	0.00	8.00
Hall Rd	0.00	0.00	0.00	0.00	0.00	0.00	0.40
Ellis Rd	0.00	0.00	0.00	0.00	0.00	0.00	0.80
Rte 12 Grand River	0.00	0.00	0.00	0.00	0.00	0.00	3.00
Milligan's Wharf	0.00	0.00	0.00	0.00	0.00	0.00	5.00
Brookes Rd	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Little Channel Rd	0.00	0.00	0.00	0.00	0.00	0.00	1.50
Murray Rd	0.00	0.00	0.00	0.00	0.00	0.00	2.00
Finnan Lane	0.00	0.00	0.00	0.00	0.00	0.00	0.50
Tory Rd	0.00	0.00	0.00	0.00	0.00	0.00	1.40
MacLellan Rd	0.00	0.00	0.00	0.00	0.00	0.00	1.20
Coopers Lane	0.00	0.00	0.00	0.00	0.00	0.00	1.50
Rte 14 Coleman	0.00	0.00	0.00	0.00	0.00	0.00	3.50
Shaw Rd	0.00	0.00	0.00	0.00	0.00	0.00	1.50
Navoo Rd	0.00	0.00	0.00	0.00	0.00	0.00	0.20
Allen Rd	0.00	0.00	0.00	0.00	0.00	0.00	4.00
Total	4.15	7.25	2.54	1.80	5.15	0.00	554.55

Prince Zone P - 4 Western Region - Maintenance Activities

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Gaudet Lane	0.70	0.00	0.00	1.40	0.00	0.00	0.00
Green mount	1.20	0.00	0.00	2.40	0.00	0.00	0.00
Rte 152 Huntley	1.10	0.00	0.00	2.20	0.00	0.00	0.00
Palmer Rd	0.00	0.65	0.00	0.00	1.40	0.00	0.00
Old Greenmount	0.00	0.13	0.00	0.00	0.00	0.00	0.00
Donahue Rd	0.00	0.35	0.00	0.00	0.56	0.00	0.00

Road Name	Millings (km)	Gravel (km)	Shale (km)	Shoulders (km)	Ditching (km)	Tap Drains (km)	Bush Cutting (km)
Ashley Rd	0.00	1.30	0.00	0.00	0.00	0.00	0.00
Metheral Rd	0.00	1.00	0.00	0.00	0.00	0.00	0.00
Duvar Rd	0.00	0.30	0.00	0.00	0.00	0.00	0.00
Trainor Rd	0.00	1.30	0.00	0.00	0.00	0.00	0.00
Union Rd	0.00	0.00	0.00	0.00	0.18	0.00	0.00
O'Halloran Rd	0.00	0.00	0.00	0.00	0.40	0.00	0.00
Rte 14 Campbellton	0.00	0.00	0.00	0.00	0.18	0.00	0.00
Mill Rd	0.00	0.00	0.00	0.00	0.14	0.00	0.00
Doyle Rd	0.00	0.00	0.00	0.00	1.20	0.00	0.00
Knox Lane	0.00	0.00	0.00	0.00	0.82	0.00	0.00
Blanchard Rd	0.25	0.00	0.00	0.00	0.00	0.00	0.00
Total	3.25	5.03	0.00	6.00	4.88	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: 9,026.85 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 2,620.88 tonnes to blend with its winter sand. The 43,675.20 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, $\frac{1}{4}$ " 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, 153 and sections of 142, 150, and 152, as well as Tignish, O'Leary and Alberton main streets were maintained by direct salt application.

Sanding Operations

Approximately 1,485.61 kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by three sanding contractors using department installed hoppers and spreaders, nine snow contractors and 4 government sand trucks. Winter sanding contractors completed their one-year contract.

Snowfall Records

Total snowfall as recorded by TIE staff at recording stations in the Western Region:

Location	Recorded (cm)
Alma	292.6
Wellington	189.5

Snow Removal Contracted Services

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

Contractor	Kilometres Plowed
101364 PEI Inc.	98.31
AJL Ltd.	90.39
Clearview Construction	153.80
Curran & Briggs	197.59
Duffy Construction	156.47
Matthew's Lime Spreading	88.62
Northern Enterprises Ltd.	88.51
Island Coastal Services	174.76
Tri-Mix Limited	102.91
Total	1151.36

The Department was responsible for plowing 465.40 kilometres of highway. To this end, 17 plow routes were established. The following equipment was assigned and located as follows:

Location	km	Graders	4x4	Blower	Loaders	Truck
Tignish	40.21	0.00	0.00	0.00	0.00	1.00
Cascumpec/Alberton	34.64	0.00	1.00	0.00	0.00	0.00
Bloomfield	29.36	0.00	0.00	0.00	0.00	1.00
O'Leary	17.62	1.00	0.00	0.00	0.00	0.00
Tyne Valley	23.43	0.00	1.00	0.00	0.00	0.00
Spring Valley	32.06	0.00	0.00	0.00	0.00	1.00
Albany Route 1	23.25	0.00	0.00	0.00	0.00	1.00
Kinkora	28.08	0.00	0.00	0.00	0.00	1.00
Albany/Route 10	31.56	0.00	1.00	0.00	0.00	0.00
Summerside, Route 1A	24.07	0.00	0.00	0.00	0.00	1.00
Slemon Park	14.57	0.00	0.00	0.00	1.00	1.00
Wellington/Route 11	26.73	0.00	0.00	0.00	0.00	1.00
Summerside West	32.38	0.00	0.00	0.00	0.00	1.00
Summerside/Route 2 East	22.12	0.00	0.00	0.00	0.00	1.00
Freetown/Blue Shank	26.92	1.00	0.00	0.00	0.00	0.00
O'Leary	32.55	0.00	0.00	0.00	0.00	1.00
St. Louis	25.86	1.00	0.00	0.00	0.00	0.00
Summerside/Alma spare	0.00	3.00	0.00	6.00	2.00	2.00
Total	465.41	6.00	3.00	6.00	3.00	13.00

Mechanical Branch

Expenditures

Operating budget for the Mechanical Branch and Fleet Operations during the year totaled \$17,179,000. The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	\$4,699,300
Charlottetown Garage Indirect	\$1,027,000
Bridgetown Garage Direct	\$2,172,800
Bridgetown Garage Indirect	\$282,300
Summerside Garage Direct	\$3,522,100
Summerside Garage Indirect	\$137,500
Western Region Operators	\$1,492,900
Central Region Operators	\$2,494,000
Eastern Region Operators	\$1,351,100
Total	17,179,000

Equipment

During the 2018-19 year, a total of \$2,500,000 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
9	Half Ton Regular Cab 4x4 Truck
2	Half Ton Regular Cab 4x2 Truck (2 Door)
6	Half Ton Extended Cab 4x4 Truck
1	SUV
1	Cube Van
1	F550 Cab & Chassis
2	Compact Car (Gasoline/Hybrid)

Quantity	Equipment Purchased
2	Compact Car (Electric)
2	Passenger Van
2	Cargo Van (Long Wheelbase)
3	Cargo Van (Regular Wheelbase)
1	Cargo Van (Mini)
1	Patrol Vehicle
1	One Ton 4x4 Truck
34	Total Vehicles Purchased (light fleet)

Heavy Fleet

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

Heavy Fleet Purchases

Quantity	Equipment Purchased
1	Rotary Mower
1	Electric Forklift
4	Heavy Equipment Hoists
1	Rotary Mower
3	Brine Tank
3	Woodchipper
6	Tandem Plow Trucks
3	Utility Trailers
1	Milling Machine
6	Tandem Snowplow Accessories
3	Light Fleet Hoists
32	Total Equipment Purchased (heavy fleet)

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

Fleet Age Indicators

		In Years			
Unit	Quantity	Optimum Life	Target Average Age	Actual Average Age	Percentage Half Age
Corporate Fleet	357	6	3	7	77%
Single Axle	9	10	5	14	100%
Tandem	49	10	5	13	27%
4x4	19	20	10	20	100%
Grader	26	20	10	21	81%
Loader	26	20	10	18	61%
Self-Propelled Blower	5	25	12	34	100%
Loader Mount Blower	11	20	10	5	0%
Tractor Mount Blower	9	20	10	6	11%
Tractor	28	20	10	12.5	50%
Grade-all	1	20	10	17	100%
Rollers	24	20	10	6	25%
Sand Hopper	21	20	10	19	90%
Salt Spreader	12	15	10	3	0%
Trailer	62	20	10	15	76%
Crack Filling	2	10	5	6	0%
Skid Steer	1	10	5	15	0%
Tractor Self Propelled	13	20	10	8	38%
Bush Cutter	12	10	5	14.5	50%
Shouldering Machine	1	20	10	8	0%
Paint Truck	2	10	5	10.5	50%
Fuel Truck	1	10	5	23	100%
Sign Truck	3	8	7	11	33%

Replacement Program:

Each year department staff conduct a review of the heavy equipment to determine an appropriate replacement program. This program identifies the most immediate needs of the Department - namely operational requirements - and the replacement of existing equipment that has exceeded the useful life cycle. This program identifies the equipment requirement for years one through five and the annual costs necessary to accomplish it. The equipment is aging, and the Department continues to manage an aging fleet.

Transportation, Infrastructure & Energy maintains overall responsibility for the management of Provincial Government's Light Fleet. Department staff work closely with line departments in the overall management of fleet vehicles. This streamlined approach includes assessment of vehicles to determine appropriate replacement schedules, updating vehicle specifications to support operational needs, and identifying opportunities for reallocation of vehicles in the broader government fleet in an effort to maximize each vehicle's useful life.

Systems:

The Fleet Management System - Fleet Focus - is utilized to provide an account of the operating and maintenance costs associated with the Department's fleet of vehicles.

Financial Control:

The measure for financial control is budget achievement. During the year, expenditures exceeded budget forecasts as a result of expenditures on repairs to heavy fleet equipment attributed to an aging fleet and increased costs of parts.

Safety:

The Department continues to promote safety awareness by looking at methods to allow for safer work environments and educate the work force in areas of safety.

Training:

The Department of Transportation, Infrastructure & Energy's Mechanical Branch, continues to consider training a priority and therefore provided training in a number of areas including:

- First Aid
- Bus Mechanic Training
- Dangerous Goods
- Engine Diagnostics
- Forklift Operation
- Tire Training
- Mechanic Apprenticeship Training I OJT
- Scissor Lift Training
- Welding Apprentice Training I OJT
- WHMIS
- Telehandler Training
- Stacker Training
- Accident Investigation & Workplace Inspections
- Back Care
- Office Ergonomics
- Confined Space
- Computer Training
- Filing

POLICY AND PLANNING

The Policy and Planning Section is responsible for the assessment and analysis of transportation requirements and policies within the Province, including road, air and marine modes. This section provides support to the Minister and Deputy Minister in their respective federal/provincial/territorial meetings and initiatives within the transportation and infrastructure sectors.

The section also provides professional engineering support and direction, as resources permit, 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 planning; and
- Support and planning with regard to 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
- 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, Land Surveyors Association (Chair)
- Atlantic Provinces Transportation Forum
- 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.

The Policy and Planning Section was involved in a large number of projects, including those that support departmental, provincial and regional initiatives.

INFRASTRUCTURE SECRETARIAT

The Infrastructure Secretariat is responsible for administering infrastructure-funded programs for Prince Edward Island. The office houses four full-time provincial employees and one contract position for a special Asset Management Gas Tax project.

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

- Gas Tax Fund (GTF);
- New Building Canada Fund - Small Communities Fund (NBCF-SCF);
- New Building Canada Fund -National and Regional Projects (NBCF-NRP)
- Clean Water Wastewater Fund (CWWF);
- Public Transit Infrastructure Fund (PTIF);
- National Disaster Mitigation Program (NDMP);
- National Trade Corridor Fund (NTCF); and
- Municipal Capital Expenditures Grant (MCEG).

INFRASTRUCTURE PROGRAMS

Gas Tax Fund Permanent Program (2014-2024)

The Gas Tax program became active on November 22, 2005 with the signing of the Agreement. The Agreement provided the Province with \$37.5 million over 2005-2010. An extension to the program was announced on September 8, 2008, totaling \$60 million for a four-year period from 2010-2014. On May 27, 2014 the Province signed an Administrative Agreement for the next five years, totaling \$78.0 million.

The Permanent Gas Tax Administrative Agreement for the Province of Prince Edward Island has four component areas:

• Direct Allocation to the 26 Water and/or Sewer Communities	\$41.35 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 \$78.00 million

All projects undertaken with Gas Tax funding must fall within the 18 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

The Province is entitled to receive \$78.0M over five years from Canada as part of the allocation from the Gas Tax Fund agreement. The Province will receive permanent gas tax allocations from the Federal Government in the following allotments:

2014-2015	2015-2016	2016-2017	2017-2018	2018-2019
\$15,000,000	\$15,000,000	\$15,750,000	\$15,750,000	\$16,500,000

Direct Allocations (DA) to the 26 Water and/or Sewer Municipalities

In order for the 25 water and/or sewer municipalities to receive their bi-annual funding installments, they were required to supply Capital Investment Plan(s) (GIP) to the Infrastructure Secretariat for review. In 2018/19, the Infrastructure Secretariat had 20 active CIPs totaling \$10.1 M, of which municipalities directed \$7.1 of their Direct Allocation funds. The Direct Allocations to the municipalities released in 2018/19 was \$8.8 million.

PERMANENT GAS TAX (New Deals for Cities & Communities)			
APPLICANT	GOV TYPE	PROJECT TITLE	Federal Share 18-19
Direct Allocations- Communities with Water and/or Sewer			
Charlottetown	City of	Direct Allocation	3,491,492
Summerside	City of	Direct Allocation	1,490,164
Stratford	Town of	Direct Allocation	866,156
Cornwall	Town of	Direct Allocation	521,471
Three Rivers	Town of	Direct Allocation	327,212
Kensington	Town of	Direct Allocation	151,128
Souris (Souris West)	Town of	Direct Allocation	129,002
Alberton	Town of	Direct Allocation	114,660
O'Leary	Rural Municipality of	Direct Allocation	100,000
Borden-Carleton	Town of	Direct Allocation	100,000
Abrams Village	Rural Municipality of	Direct Allocation	100,000
Mlscouche	Rural Municipality of	Direct Allocation	100,000
Tignish	Town of	Direct Allocation	100,000
North Rustico	Town of	Direct Allocation	100,000
Wellington	Rural Municipality of	Direct Allocation	100,000
Murray Harbour	Rural Municipality of	Direct Allocation	100,000
Crapaud	Rural Municipality of	Direct Allocation	100,000
Kinkora	Rural Municipality of	Direct Allocation	100,000
Hunter River	Rural Municipality of	Direct Allocation	100,000
Morell	Rural Municipality of	Direct Allocation	100,000
Resort Municipality	Rural Municipality of	Direct Allocation	100,000
Mount Stewart	Rural Municipality of	Direct Allocation	100,000
St. Peter's Bay	Rural Municipality of	Direct Allocation	100,000
Tyne Valley	Rural Municipality of	Direct Allocation	100,000
Victoria	Rural Municipality of	Direct Allocation	100,000
		Total	8,791,285

Notional Allocation (NA) to Remaining 46 Municipalities

Under the current Gas Tax Fund Administrative Agreement, it was negotiated that those municipalities that do not offer centralized water and/or sewer service would receive a notional allocation, which they can access via applications to the Province's Infrastructure Secretariat. The expanded eligible project categories now offer more opportunities to use Gas Tax funds in smaller municipalities.

In 2018/19, the Infrastructure Secretariat reviewed 10 CIPs totaling \$943,343, of which municipalities directed \$594,831 of their Notional Allocation funds. The Notional Allocations to the municipalities released in 2018/19 was \$563,332 dollars.

PERMANENT GAS TAX (New Deals for Cities & Communities)			
APPLICANT	GOV TYPE	PROJECT TITLE	Federal Share 18-19
Notational Allocations- All other municipalities without Water and/or Sewer			
Afton	Rural Municipality of	Notional Allocation	32,170
Bedeque and Area	Rural Municipality of	Notional Allocation	8,162
Belfast	Rural Municipality of	Notional Allocation	43,094
Bonshaw	Rural Municipality of	Notional Allocation	5,740
Brackley (Brackley Winsloe)	Rural Municipality of	Notional Allocation	14,768
Breadalbane	Rural Municipality of	Notional Allocation	21,528
Central Prince (Ellerslie-Bideford)	Rural Municipality of	Notional Allocation	109,576
Clyde River	Rural Municipality of	Notional Allocation	15,164
Eastern Kings	Rural Municipality of	Notional Allocation	18,480
Greenmount Montrose	Rural Municipality of	Notional Allocation	6,792
Hazelbrooke	Rural Municipality of	Notional Allocation	4,528
Linkletter	Rural Municipality of	Notional Allocation	8,424
Lot 11 & Area	Rural Municipality of	Notional Allocation	16,716
Malpeque Bay	Rural Municipality of	Notional Allocation	27,088
Meadowbank	Rural Municipality of	Notional Allocation	8,898
Miltonvale Park	Rural Municipality of	Notional Allocation	30,352
Murray River	Rural Municipality of	Notional Allocation	8,792
New Haven Riverdale	Rural Municipality of	Notional Allocation	12,768
North Shore	Rural Municipality of	Notional Allocation	127,460
Union Road	Rural Municipality of	Notional Allocation	6,186
Warren Grove	Rural Municipality of	Notional Allocation	9,662
West River	Rural Municipality of	Notional Allocation	19,508
York	Rural Municipality of	Notional Allocation	7,476
		Total	563,332

Roads and Bridges (R&B)

Through Gas Tax funding for the Roads and Bridges component, the Province received \$23.4 million over a five-year period.

The Gas Tax budget set aside \$4.75M for the Department of Transportation, Infrastructure and Energy (TIE) to use in FY 2018/19. All projects were carried out by the TIE within municipal boundaries. The FY 2018/19 projects included the following:

- 2016-17-37 - Granville St. Roundabout
- 2018-19-60 - Fraser Street North
- 2018-19-61 - Rte. 1 Charlottetown
- 2018-19-62 - Abram's Village Storm Sewer & Sidewalk
- 2018-19-63 - Murray Harbour Bridge
- 2018-19-64 - Rte. 1 Flat River
- 2018-19-65 - Stratford Cost Shared -Georgetown Road Ditch Infill and Bike Lane.
- 2018-19-66 - Charlottetown Bypass Intersection Repairs
- 2018-19-67 - Church St. - Alberton
- 2018-19-68 - Borden Paving
- 2018-19-69 - Rte. 153 St. Felix / Greenmount
- 2018-19-70 - Rte. 13 Hunter River

Municipal Strategic Component (MSC)

In 2014, a new Gas Tax Fund component was introduced to direct funds toward Prince Edward Island projects that are strategic for municipalities and the Province. These projects are to address environmental, social and economic issues.

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". Over the five-year period of the program \$10.62 million has been set aside. This amount includes a provincial allocation for costs related to administering the Gas Tax Fund.

In 2015/16 the Province's Gas Tax business case for administration costs was approved by the Federal government, at a total of \$2.3M over the five-year period. The remaining amount of \$8.3M is directed toward MSC projects. The MSC has two intakes per year for project consideration based on the amount of funds approved and found in the budget for that fiscal year's budget.

In 2018/19, there were 18 active MSC projects with the total cost of \$10.04 million, of which \$4.0 million is from the MSC program. The total amount of funding that was released in 2018/19 to municipalities was \$2,299,868. Funds are not released until a number of requirements are achieved under the program guidelines.

PERMANENT GAS TAX (New Deals for Cities & Communities)			
APPLICANT	GOV TYPE	PROJECT TITLE	Federal Share 18-19
Municipal Strategic Component (MSC)			
Alberton	Town of	35.0 MSC-Alberton-Emma Drive Subdivision Extension	463,654
Alberton	Town of	29.0 MSC-Alberton-Wastewater Treatment System Upgrades	249,661
Cornwall	Town of	32.0 MSC-Cornwall-Terry Fox Turf Field Enhancement Project	424,971
Cornwall	Town of	33.0 MSC-Cornwall-Main Street Design 2018	35,587
Georgetown	Town of	45.0 MSC-Georgetown-TRSP Insulation/Roof Project	75,420
Kensington	Town of	36.0 MSC-Kensington-Town of Kensington Official Plan and Zoning Bylaw Review	11,954
Montague	Town of	39.0 MSC-Montague-Solar Array at Wellness Centre	215,217
North Rustico	Rural Municipality of	37.0 MSC- North Rustico - Autumn Lane Subdivision Development	496,550
Stratford	Town of	38.0 MSC-Stratford-Collaborative GIS Aerial Photo and Data Project	57,751
Summerside	City of	28.0 MSC-Summerside-Water Reservoir 2017	241,955
Wellington	Rural Municipality of	47.0 MSC-Wellington-Municipal Growth Management Study	27,148
		Total	2,299,868

New Building Canada Fund - Small Communities Fund (NBCF-SCF)

The New Building Canada Fund - Small Communities Fund (NBCF-SCF) is one component of the New Building Canada Fund. Total federal 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). The following thirteen project categories are eligible under the NBCF-SCF program.

As of March 31, 2018, there were 13 approved projects valued at \$8.023 million. In the FY 2018/19, one project made a claim totaling \$195,153 as show in Table 1 below.

Table 1 - New Building Canada Fund - Small Communities Fund Actual Expenditures FY 2018/19

BUILDING CANADA – SMALL COMMUNITIES FUND (BSF=SCF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2018-2019
Charlottetown	Colonel Gray Sewer shed Rehabilitation	2,697,750	195,153
1 Project	TOTAL	2,697,750	195,153

Clean Water Wastewater Fund (CWWF)

On July 28, 2017, the Federal and Provincial governments entered into a Bilateral Agreement, which provided the Province with \$55.6M in CWWF federal infrastructure funding. The original program duration was for two years, but this was extended in 2020. All projects were to have construction completed by the end of March 2018, unless granted an extension.

CWWF was an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province. The program had three main categories: water, wastewater and storm water. In total, 47 projects were approved on Prince Edward Island, totaling \$88.4M in expenditures of which the Federal Government contributes \$44.2M and the Province contributes \$22.1 M.

In 2018/19, the Province paid out \$8.34M in submitted claims.

CLEAN WATER WASTEWATER (CWWF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2018-2019
Charlottetown City	CWWF-2016-006 CPCP Upgrades	12,650,000	382,688
Charlottetown City	CWWF-2016-007 Fitzroy Sewer Lift Station Replacement	2,500,000	1,089
Charlottetown City	CWWF-2016-009 East Royalty Lift Station	3,850,000	614,655
Charlottetown City	CWWF-2016-010 East Royalty to CPCP Upgrade	4,400,000	68,576
Charlottetown City	CWWF-2016-011 Parkdale Water and Sewer Systems Renewal	4,400,000	1,612,441
Charlottetown City	CWWF-2016-012 Miltonvale Wellfield Reservoir	8,000,000	706,937
Charlottetown City	CWWF-2016-013 Miltonvale Wellfield Mechanical/Electrical	2,800,000	30,587
Charlottetown City	CWWF-2016-014 Miltonvale Wellfield Transmission and Distribution	5,249,750	197,208
Charlottetown City	CWWF-2016-015 Winter River Wellfield Upgrade	1,760,000	373,917
Cornwall Town	CWWF-2016-016 Pond Street Lift Station	1,250,775	49,136
Cornwall Town	CWWF-2016-017 Cornwall Wellfield Exploration Study	409,000	59,331
Cornwall Town	CWWF-2016-019 Meadowbank Wellfield	272,500	132,421
Crapaud Rural Municipality of	CWWF-2016-020 Crapaud Sewer Utility 2017 Rte 13 Upgrades	100,000	11,454
Murray Harbour Rural Municipality of	CWWF-2016-023 Sewer Main Extension	980,500	423,189
O'Leary Town	CWWF-2016-027 O'Leary Wastewater Systems Upgrade	1,339,200	236,309
Transportation, Infrastructure & Energy	CWWF-2016-028 Fraser Street Stormwater System Upgrade FY 2018-19 Claim 2	540,000	390,750

CLEAN WATER WASTEWATER (CWWF)			
Stratford Town	CWWF-2016-034 Wastewater Delivery System to the CPCP	10,925,000	114,652
Stratford Town	CWWF-2016-037 Eastern Realties Phase I Watermain Extension	1,581,000	103,263
Stratford Town	CWWF-2016-038 Eastern Realities Phase II Watermain Extension	1,587,850	3,440
Stratford Town	CWWF-2016-039 Hopeton Road/Horton Park Subdivision Watermain Extension	635,500	32,044
Summerside City	CWWF-2016-043 Water Street Culvert Replacement & Creek Enhancement	1,269,392	64,412
Summerside City	CWWF-2016-044 Lift Station SCADA	353,440	97,915
Summerside City	CWWF-2016-045 SWPCC Biosolids System Upgrade	2,054,650	599,388
Summerside City	CWWF-2016-046 Water & Sewer Replacement 2016	1,704,025	45,400
Summerside City	CWWF-2016-047 Water & Sewer Replacement 2017	3,105,576	561,805
Summerside City	CWWF-2016-048 Summerside Wellfield #2	2,648,373	991,820
Environmental Industrial Services Inc.	CWWF-2016-050 Georgetown Water System Upgrades	150,000	112,500
Environmental Industrial Services Inc.	CWWF-2016-051 Albany Wastewater Treatment Facility Upgrades	1,993,750	320,706
		Total	78,510,281
			8,338,033

Public Transit Infrastructure Fund (PTIF)

On July 28, 2017, the Federal and Provincial governments entered into a Bilateral Agreement, which provided the Province with \$660,000 in PTIF federal infrastructure funding. The program duration was two years. All projects were to have completed construction by the end of March 2018, unless granted an extension.

PTIF was an application-based program open to local governments and the Province. The program had three main categories: capital projects for rehabilitation, asset management for transit, and design and planning for future transit system and projects for expansion. In total, two projects have been approved, totaling \$1.3M in expenditures of which the federal government is contributing \$650,751 and the Province is contributing \$325,375. In 2018/19, the total amount claimed was \$48,579.

PUBLIC TRANSIT INFRASTRUCTURE FUND (PTIF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2018-2019
Charlottetown, Cornwall and Stratford	T3 Transit Bus Upgrades Phase 2	448,328	48,579
	TOTAL	448,328	48,579

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 is delivered by Transportation, Infrastructure and Energy. The program allows municipalities to claim 10% of their capital expenditures made in a Fiscal Year (FY) based on submission of several documents. The 2018/19 budget set aside \$2.5M.

Municipalities were given a year in which to collect on the previous year's expenditures. The 2018/19 fiscal year has seen 25 municipalities receive MCEG grants totaling \$4.8M.

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

MUNICIPAL CAPITAL EXPENDITURE GRANT (MCEG)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2018-2019
ABRAM VILLAGE RURAL MUNICIPALITY OF	MCEG Abrams Village 3rd Quarter Claim Payment 2017-18	174,019	17,402
ALBERTON TOWN	MCEG Alberton 3rd Quarter Claim Payment 2018-19	564,510	56,451
BREADALBANE, RURAL MUNICIPALITY OF	MCEG Breadalbane 3rd Quarter Claim Payment 2018-19	17,400	1,740
CHARLOTTETOWN, CITY OF	MCEG Charlottetown 4th Quarter Claim Payment 2017-18	26,343,580	2,634,358
CORNWALL TOWN	MCEG Cornwall 2nd Quarter Claim Payment 2018-19	2,335,043	233,504
GEORGETOWN TOWN	MCEG Georgetown 2nd Quarter Payment 2018/19	139,202	13,920
KENSINGTON TOWN	MCEG-Kensington-1st,2nd,3rd, 4th Quarter Payment 2017-18	271,475	27,148
KINKORA RURAL MUNICIPALITY OF	MCEG-Kinkora 1st Quarter Payment 2017/18	1,307,383	130,738
LOT 11 & AREA RURAL MUNICIPALITY OF	MCEG Lot 11 & Area 2nd Quarter Claim Payment 2017-18	9,976	998
MIMINEGASH RURAL MUNICIPALITY OF	MCEG -Mimiminegash-1 st , 2nd, 3rd, 4th Quarter Payment 2017/18	279,026	27,903
MISCOUCHE RURAL MUNICIPALITY OF	MCEG -Miscouche-1st Quarter Payment	32,938	3,294
MONTAGUE TOWN	MCEG-Montague-2nd Quarter Payment 2018/19	124,260	12,426
MORELL RURAL MUNICIPALITY OF	MCEG Morell 2nd Quarter Payment 2018/19	235,980	23,598

MUNICIPAL CAPITAL EXPENDITURE GRANT (MCEG)			
MURRAY HARBOUR RURAL MUNICIPALITY Of	MCEG Murray Harbour 3rd Quarter Claim Payment 2018-19	540,804	54,080
MURRAY RIVER RURAL MUNICIPALITY OF	MCEG Murray River 3rd Quarter Claim Payment 2017-2018	41,500	4,150
NORTH RUSTICO RURAL MUNICIPALITY OF	MCEG North Rustico 4th Quarter Payment 2017/18	220,958	22,096
RESORT MUNICIPALITY	MCEG North Rustico 4th Quarter Payment 2017/18	378,676	37,868
ST PETERS BAY RURAL MUNICIPALITY OF	MCEG-St. Peter's Bay-1st, 2nd, 3rd Quarter Payment 2017-18	65,842	6,584
STRATFORD TOWN	MCEG Stratford 4th Quarter (2nd Submit) Payment 2017-18	1,774,389	177,439
SUMMERSIDE CITY	MCEG-Summerside-1st Quarter Claim Payment 2018-19	10,088,461	1,008,846
THREE RIVERS TOWN	MCEG Three Rivers (Georgetown) 3rd Quarter Claim Payment	139,524	13,952
TIGNISH RURAL MUNICIPALITY OF	MCEG Tignish 4th Quarter Claim Payment 2017-18	1,450,722	145,072
TYNE VALLEY, RURAL OF MUNICIPALITY OF	MCEG TYNE Valley 4th Quarter Claim Payment 2017-18	442,651	44,265
WELLINGTON RURAL MUNICIPALITY OF	MCEG Wellington 2nd Quarter Claim Payment 2017-18	21,665	2,167
VICTORIA RURAL MUNICIPALITY Of	MCEG Victoria 2nd and 3rd Quarter Claim Payment 2018-19	669,306	66,931
Total		47,669,290	4,766,930

National Trade Corridor Fund

The \$2.3-billion National Trade Corridors Fund (NTCF) funds infrastructure projects in Canada. The projects could include infrastructure related to airports, ports, railways, transportation facilities, and access roads.

NTCF eligibility includes projects that:

- Improve the flow of goods and people in Canada
- Increase the flow of trade in and out of Canada
- Help the transportation system to:
 - withstand the effects of climate change
 - better adapt to new technologies and innovation

Funding is spread out over 11 years, ending March 31, 2028 and is merit based. The Charlottetown Airport Authority Inc. (CAAI) received approval for a Runway Rehabilitation.

CAAI wished to expand the Charlottetown runway to accommodate future growth. CAAI entered into an agreement with the Government of Canada under the NTCF program with the Government of Canada; then the Province agreed to provide up to \$900,000 in funding for the project.

The following table shows the recipient and how much grant funding they expensed in 2018-19:

NATIONAL TRADE CORRIDOR FUND (NTCF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2018-2019
Charlottetown Airport Authority	Runway rehabilitation	900,000	900,000
	Total	900,000	900,000

ACCESS PEI

Access PEI's mission statement is to provide high quality and efficient delivery of provincial government services to rural and urban clients.

The purpose of the division is to provide quality services to Islanders through single window access to government programs, services and information. Islanders also access information through several hundred thousand telephone calls that are received and handled on an annual basis.

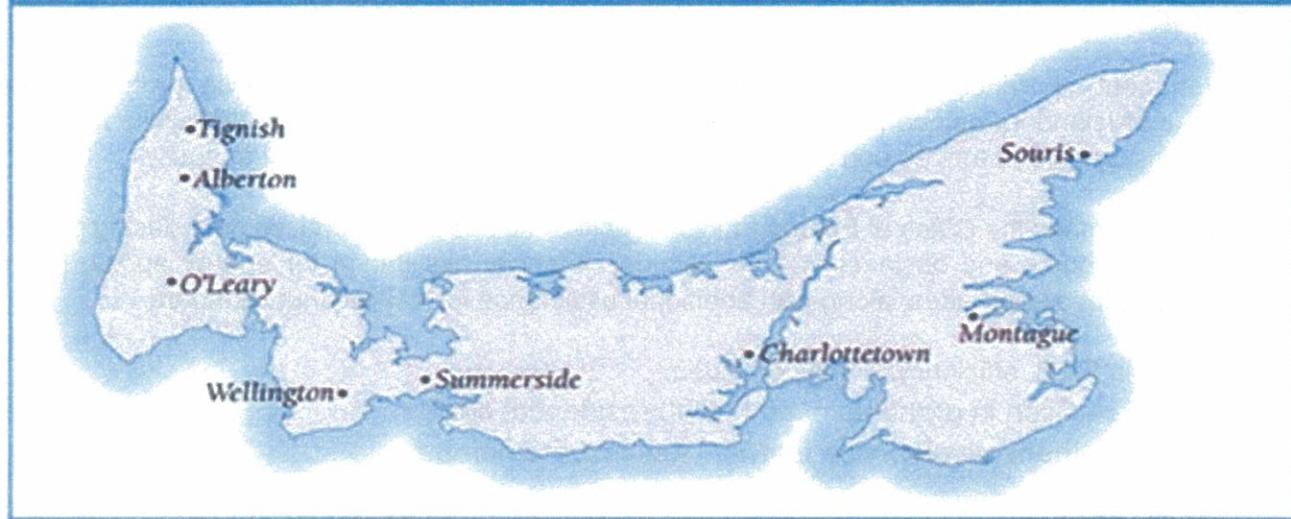
At Access PEI, customers have access to over 400 government services including: payment of property taxes; remittance of sales tax; renewing drivers licences; renewing vehicle registrations; obtaining marriage licences; obtaining fishing licences; and availability of government job application forms.



In 2018/2019 Access PEI served 179,008 customer/visits and performed 345,709 Transactions totaling \$34,143,399 in revenue.

Access PEI is the public face of government throughout Prince Edward Island providing Islanders with access to provincial government programs and services on behalf of all government departments. The division also provides administrative support to other provincial government departments within the eight sites.

There are eight Access PEI sites that provide a full range of government services to Islanders.



Access PEI has begun a Lean Six Sigma review of some of the more complex services that it offers. This process has both reduced training time for new staff and improved accuracy across all Access sites.

SITE	CLIENTS	TRANSACTIONS	REVENUE	% OF TOTAL REVENUE
ALBERTON	6,860	11,841	\$962,113	2.82
BORDEN SCALE HOUSE	30	355	\$372,130	1.09
CHARLOTTETOWN	81,089	147,602	\$13,745,877	40.29
MONTAGUE	20,214	36,322	\$3,711,950	10.87
O'LEARY	7,586	13,203	\$1,355,310	3.96
SOURIS	7,536	13,901	\$1,584,199	4.64
SUMMERSIDE	43,298	77,113	\$8,226,284	24.09
TIGNISH	5,429	9,593	\$832,919	2.43
WELLINGTON	6,966	12,497	\$1,207,918	3.53
ONLINE MOTOR VEHICLE RENEWAL		23,282	\$2,144,699	6.28
TOTALS	179,008	345,709	\$34,143,399	100

ENERGY & MINERALS

Energy efficiency plays an important role in helping our province's commitment to reducing greenhouse gas emissions.

The Government of Prince Edward Island's efforts to fight climate change while protecting the pocketbooks of Islanders helped residents save over \$10 million on their energy bills while reducing C02 emissions by 25,000 tonnes and saving 1.5 million litres of home heating fuel annually.

efficiencyPEI (formerly the Office of Energy Efficiency) offers advice and incentives on reducing energy consumption in homes and businesses. This includes financial assistance for energy audits, home heating and insulation upgrades, along with additional assistance for low-income Islanders.

Since opening in 2008, efficiencyPEI has provided:

- over \$11 million in grants to over 13,000 residential clients
- a free weatherization service to 4,700 low-income homes.

Participation in efficiency rebate programs has increased by over 400% over last year. As a result of the increased interest, efficiencyPEI moved to a new and expanded location at 69 Belvedere Avenue in Charlottetown in November 2018.

In 2018, efficiencyPEI expanded its rebates to include businesses and community groups. Business Energy Rebates are now available for commercial operations buying LED lighting, heat pumps, and other energy efficient equipment.

As a result of this and past work, efficiencyPEI was named the ENERGY STAR® Canada Advocate of the Year for 2018 for helping Island residents save money on their energy bills.

This year, the Energy and Minerals Division, with the PEI Energy Corporation, continued working toward implementation of the Provincial Energy Strategy released last year.

Key initiatives in the past year included: expansion of energy efficiency programs, establishing responsibility for Demand Side Management with efficiency PEI through legislative changes, development work toward additional renewable energy generation for the Island electricity system, and the establishment of a Sustainable Transportation Committee seeking ways to reduce fossil fuel use in transportation.

Statement of Capital Expenditures

For the year ending March 31, 2019

BRIDGES C/A

Eastern Region

Fortune Bridge K1-001 (c/over)	62,769
Gowan Brae Arch Structure Rehabilitation K1-006	66,983
Woodville Mills Bridge Replacement K5-017	375,384
Head of Montague Bridge Replacement K3-033	318,776
Lorne Valley Road Bridge Replacement K3-051 (c/over)	694,244
Hazelgreen Bridge Replacement K3-048 (c/over)	434,269
Bellvue Structure Rehabilitation Q4-002	65,640
Wood Islands Bridge Replacement Q4-010 (c/over)	<u>12,395</u>

Total Eastern Region

2,030,460

Central Region

Union Road Structure Rehabilitation Q3-009 (c/over)	4,814
West Covehead Structure Rehabilitation Q3-014	251,728
McCannel Road Bridge Replacement Q3-039 (c/over)	441,638
Hillsborough Bridge (Q5-009)	1,519,920
Kingston Structure Rehabilitation Q2-065	213,740
Wheatley River Structure Rehabilitation Q2-002	<u>71,711</u>

Total Central Region

2,503,551

Western Region

Tryon River Bridge P4-001	83,514
Maple Plains Structure Rehabilitation P4-034	68,782
Irishtown Rd Rte 101 Large Culvert Replacement	331,417
Eel Creek Structure Replacement Q1-087	87,368
Egmont Bay Bridge Replacement P3-047	211,206
Unionvale Structure Rehabilitation P1-007	50,856
Gully Bridge Dredging P1-047 (c/over)	7,409
Anglo Tignish Bridge Replacement P1-021 (c/over)	15,350

Total Western Region

855,902

TOTAL BRIDGES C/A

5,389,912

HIGHWAY RECONSTRUCTION

Other

Land Purchases for Capital Projects for Western Region	528,775
Land Purchases for Capital Projects for Eastern Region	10,382
Lab Equipment	82,648
Route 1A - Summerside 2018	83,432
Route 10 - Tryon 2018	169,017
Route 165 - St. Timothy/Abrams Village 2018	195,942
Mercedes Dr. & Hillside Meadows Dr. Roundabout, Cornwall	75,805
Route 13 - Kelly's Cross (c/over)	60,377
Route 2 - Souris Causeway Shore Protection (c/over)	<u>47,671</u>

Total Other

1,254,049

TOTAL HIGHWAY RECONSTRUCTION

1,254,049

PROVINCIAL PAVING

Eastern Region

Asphalt Supply & Place - Island Construction	491,149
Asphalt Supply & Place - Chapman Brothers	1,004,240
Fund Shouldering Operations	<u>108,368</u>

Total Eastern Region

1,603,757

Central Region

Asphalt Supply & Place - Island Construction	888,392
Asphalt Supply & Place - Chapman Brothers	397,297
Asphalt Supply & Place - M & M Resources	542,828
Fund Shouldering Operations	593,506
Gravel Various Roads	47,774

Total Central Region2,469,797**Western Region**

Asphalt Supply & Place - Curran & Briggs Ltd	1,860,190
Fund Shouldering Operations	91,373
Gravel Various Roads	105,221
Asphalt Supply & Place - Chapman Bros.	1,672,519

Total Western Region3,729,303**TOTAL PROVINCIAL PAVING**7,802,858**COST SHARED PROJECTS****Gas Tax Projects**

Route 2 & Granville St. Roundabout (2017 carry over)	66,668
Hillsborough Bridge Structure Upgrades Q5-009	25,870
Route 13 - Hunter River 2018	646,038
Abrams Village Storm Sewer & Sidewalk 2018	308,660
Murray River Bridge Replacement K4-013	2,365,090
Fraser Street (North) - Montague 2018	290,012
Route 1 - Charlottetown 2018	408,803
Route 1 - Flat River 2018	353,774
Route 1 - Charlottetown Bypass 2018	311,104
Georgetown Road - Stratford	162,577
Route 1 - Borden/Carleton	211,238
Route 12 - Alberton	215,835
Route 153 - St. Felix/Greenmount	163,324

Total Gas Tax Projects5,528,993**New Build Canada Fund**

Fraser Street - Montague (c/over)	647,917
Route 1 - TCH Mount Mellick (c/over)	600
Trans-Canada Highway Extension Phase 2B (c/over)	185,140
Route 2 - Rollo Bay (c/over)	9,379
Route 2 - Bloomfield Corner Roundabout (c/over)	9,444
Route 19 - New Dominion/ Rte 248 Cornwall (c/over)	388,360
Route 2 - Hazel Grove 2018	567,696
Route 2 - Wellington Center 2018	427,652
Route 124 - Urbainville 2018	332,839
Route 2 - Travellers Rest 2018	264,251
Routes 6, 7 & 251 - Oyster Bed Bridge Roundabout 2018 (c/over)	1,524,586
Route 163 - East Bideford 2018	152,623
Route 12 - Grand River 2018	124,885
Route 224 - Wheatley River 2018	94,799
Route 19 - New Dominion 2018	114,710
Trans-Canada Highway Extension Phase 2B 2018	16,196,499
Route 5 - Baldwin's Road 2018	244,816
Route 16 - Kingsboro 2018	106,420
Route 17 - Lower Montague 2018	91,937
Route 4 - Commercial Cross 2018	107,196
Route 21 - Mermaid 2018	107,197
Route 2 - New Annan Turning & Acceleration Lanes 2018	652,326
Route 106 - Clermont 2018	129,781
Route 107 - Wilmot Valley 2018	130,940
Route 109 & 111 - Newton Roundabout	1,191,402
Route 150 - Union 2018	327,769
Route 322 - Morell/Green Meadows 2018	122,945
Route 18 - Murray Harbour 2018	161,843

Route 24 - Lyndale/Kinross	113,055
Route 152 - Montrose 2018	106,929
Route 1 TCH - Stratford 2018	3,044,544
Route 1, 19 & Heatherway Dr. - Cornwall 2018	184,072
Little Harbour Bridge Replacement K1-033	60,789
North Lake Bridge Replacement K1-043	27,930
Searlestown Bridge P4-048	23,133
Northridge Parkway Roundabout - Charlottetown	<u>61,125</u>
 Total New Build Canada Fund	<u>28,037,529</u>
 TOTAL COST SHARED PROJECTS	<u>33,566,522</u>
 OTHER	
Highway Equipment	<u>3,405,584</u>
 TOTAL OTHER	<u>3,405,584</u>
 TOTAL HIGHWAYS CAPITAL	<u>51,418,924</u>
 BUILDINGS CAPITAL	
 BUILDING RENOVATIONS	
Public Archives- Fit up ATC	32,843
TIE Infrastructure Secretariat-Relocation	136,079
Government House- Exterior Painting	52,159
Customs House- Flooring replacement	32,885
Environmental Warehouse - New metal roof	16,800
Access PEI Summerside- Chiller replacement, interior modifications	410,649
Aubin Arsenault Building- Exterior painting	34,481
Sign Shop - Tignish- Building upgrades	21,370
Tignish Body Shop-Compressor relocation	11,755
Access PEI O'Leary- Upgrade exterior lighting, Parking Lot	115,737
Shaw Building- Exit stairs, mechanical upgrades	142,731
Sullivan Building - Elevator modernization phase II	81,963
Queens Wharf- Heating boiler replacement	17,470
Province House Annex- Building envelope repair	12,666
Provincial Corrections Centre - West wing fan replacement efficiencyPEI- Leasehold improvements	<u>49,761</u>
 TOTAL BUILDING RENOVATIONS	<u>1,182,476</u>
 NEW BUILDING CONSTRUCTION	
Queens County Highway Depot	<u>1,225,377</u>
 TOTAL NEW BUILDING CONSTRUCTION	<u>1,225,377</u>
 LAND PURCHASES	
Land Purchases	
 TOTAL LAND PURCHASES	<u>651,000</u>
 TOTAL BUIDINGS - CAPITAL/TC	<u>3,058,852</u>
 TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY	<u>54,477,777</u>

Department of Transportation, Infrastructure, and Energy
Statement of Ordinary Expenditures
2018-2019 FY

	Actuals 18/19	Budget Estimates 18/19
CORPORATE SERVICES DIVISION		
Executive Office		
Administration	10,968	21,800
Equipment	3,174	-
Materials, Supplies & Services	3,373	500
Salaries	419,184	280,100
Travel & Training	14,406	12,800
	451,105	315,200
Corporate Services Administration		
Administration	14,345	19,900
Equipment	2,433	500
Materials, Supplies & Services	8,103	10,800
Professional & Contract Services	-	1,500
Salaries	195,905	241,600
Travel & Training	1,041	2,000
Grants	1,554,316	1,265,000
	1,776,143	1,541,300
TOTAL CORPORATE SERVICES DIVISION	2,227,248	1,856,500
Infrastructure		
Administration	33,828	58,700
Equipment	9,581	4,000
Materials, Supplies & Services	10,061	7,000
Professional & Contract Services	75,393	395,000
Salaries	432,834	514,900
Travel & Training	15,650	15,200
Grants	29,105,623	40,258,100
	29,682,970	41,252,900
Planning		
Administration	4,161	6,200
Equipment	2,469	-
Professional & Contract Services	1,575	-
Salaries	170,081	175,800
Travel & Training	9,055	9,800
	187,341	191,800
TOTAL INFRASTRUCTURE	29,870,311	41,444,700

	Actuals 18/19	Budget Estimates 18/19
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HIGHWAY SAFETY DIVISION

Highway Safety Administration

Administration	83,902	56,100
Equipment	2,649	900
Materials, Supplies & Services	36,791	8,500
Professional & Contract Services	3,012	32,500
Salaries	164,986	168,900
Travel & Training	27,662	43,700
Grants	13,000	-
	332,002	310,600

Promotion Highway Safety

Administration	288	2,000
Debt	266	-
Equipment	-	900
Materials, Supplies & Services	28,349	22,000
Professional & Contract Services	-	1,000
Salaries	655,153	760,300
Travel & Training	6,341	5,200
	690,397	791,400

Registration & Licensing

Administration	721	900
Equipment	3,398	4,000
Materials, Supplies & Services	364,400	311,400
Salaries	685,404	884,500
Travel & Training	-	700
	1,053,923	1,201,500

Highway Scales

Administration	349	-
Equipment	8,588	12,900
Materials, Supplies & Services	9,425	24,200
Salaries	676,797	640,100
Travel & Training	-	1,000
	695,159	678,200

TOTAL HIGHWAY SAFETY DIVISION

2,771,481 **2,981,700**

	Actuals 18/19	Budget Estimates 18/19
Land & Environment		
Environmental Management		
Administration	7,242	8,600
Equipment	-	2,100
Materials, Supplies & Services	10,885	7,800
Professional & Contract Services	-	14,200
Salaries	489,014	516,100
Travel & Training	69,741	68,100
	576,882	616,900
Properties		
Administration	88,294	127,200
Equipment	1,335	1,500
Materials, Supplies & Services	139,954	232,900
Professional & Contract Services	3,913	25,900
Salaries	811,281	940,100
Travel & Training	10,957	23,300
	1,055,734	1,350,900
Surveys		
Administration	5,892	9,000
Equipment	965	8,200
Materials, Supplies & Services	6,767	11,600
Professional & Contract Services	360	3,000
Salaries	442,158	558,900
Travel & Training	3,571	8,000
	459,713	598,700
TOTAL LAND & ENVIRONMENT	2,092,329	2,566,500
HIGHWAY MAINTENANCE DIVISION		
Maintenance Administration - Director's Office		
Administration	19,524	16,800
Equipment	10,731	-
Materials, Supplies & Services	649	1,000
Professional & Contract Services	10,179	66,000
Salaries	229,384	294,200
Travel & Training	16,792	11,900
Grants	-	-
	287,259	389,900

	Actuals 18/19	Budget Estimates 18/19
Inventory Control		
Administration	3,769	3,000
Equipment	9,656	-
Materials, Supplies & Services	754,746	612,800
Salaries	470,063	496,000
Travel & Training	10,060	6,000
	1,248,294	1,117,800
Prov Maintenance Road Program		
Equipment	4,675	-
Materials, Supplies & Services	1,083,788	1,715,100
	1,088,463	1,715,100
Maintenance Administration - Western Region		
Administration	19,263	41,500
Equipment	2,620	600
Materials, Supplies & Services	4,607	2,600
Salaries	498,079	493,800
Travel & Training	1,466	2,500
	526,035	541,000
Maintenance Administration - Eastern Region		
Administration	21,918	52,200
Equipment	2,544	400
Materials, Supplies & Services	3,268	700
Salaries	560,850	465,500
Travel & Training	2,906	3,200
	591,486	522,000
Maintenance Administration - Central Region		
Administration	42,781	65,200
Equipment	133	-
Materials, Supplies & Services	2,313	600
Professional Services	25	-
Salaries	642,506	476,100
Travel & Training	152	800
	687,910	542,700
Summer Maintenance - Western Region		
Administration	100	-
Equipment	7,534	6,500
Materials, Supplies & Services	1,384,836	1,359,300
Professional Services	395	-
Salaries	1,995,497	2,155,800
Travel & Training	42,697	63,400
	3,431,059	3,585,000

	Actuals 18/19	Budget Estimates 18/19
Summer Maintenance - Eastern Region		
Administration	630	-
Equipment	4,704	-
Materials, Supplies & Services	1,096,692	1,074,000
Salaries	1,708,352	1,930,300
Travel & Training	35,742	35,100
	2,846,120	3,039,400
Summer Maintenance - Central Region		
Debt	62	-
Equipment	520	-
Materials, Supplies & Services	2,593,660	1,576,400
Professional & Contract Services	75	-
Salaries	2,517,836	2,574,400
Travel & Training	90,438	75,000
	5,202,591	4,225,800
Rails to Trails Maintenance		
Administration	1,304	3,400
Equipment	4,457	-
Materials, Supplies & Services	392,868	376,900
Salaries	829,650	912,600
Travel & Training	3,056	23,000
	1,231,335	1,315,900
Winter Maintenance - Western Region		
Equipment	2,827	-
Materials, Supplies & Services	5,885,402	4,924,600
Salaries	354,903	323,200
Travel & Training	660	-
	6,243,792	5,247,800
Winter Maintenance - Eastern Region		
Equipment	455	-
Materials, Supplies & Services	3,240,992	2,719,600
Salaries	280,620	310,600
Travel & Training	2,984	4,000
	3,525,051	3,034,200
Winter Maintenance - Central Region		
Equipment	2,985	-
Materials, Supplies & Services	6,477,231	4,241,000
Salaries	364,197	394,700
Travel & Training	7,609	-
	6,852,022	4,635,700

	Actuals 18/19	Budget Estimates 18/19
Mechanical - Charlottetown Garage - Direct		
Administration	990	16,900
Equipment	4,745	3,500
Materials, Supplies & Services	2,215,666	2,036,300
Professional & Contract Services	140	4,100
Salaries	1,844,573	2,505,600
Travel & Training	186,484	132,900
	4,252,598	4,699,300
Mechanical - Charlottetown Garage - Indirect		
Administration	50,014	69,000
Equipment	4,374	12,400
Materials, Supplies & Services	329,560	314,700
Professional & Contract Services	39,841	38,400
Salaries	459,307	588,400
Travel & Training	11,320	4,100
	894,416	1,027,000
Mechanical - Summerside Garage - Direct		
Administration	559	14,400
Equipment	13,878	5,500
Materials, Supplies & Services	2,058,833	1,305,800
Professional & Contract Services	275	8,000
Salaries	1,977,986	2,117,200
Travel & Training	77,256	71,200
	4,128,787	3,522,100
Mechanical - Summerside Garage - Indirect		
Administration	11,842	17,800
Equipment	16,467	18,700
Materials, Supplies & Services	1,900	15,000
Salaries	78,600	80,600
Travel & Training	8,529	5,400
	117,338	137,500
Mechanical - Bridgetown Garage - Indirect		
Administration	7,568	15,600
Equipment	1,453	2,100
Materials, Supplies & Services	82,760	57,700
Professional & Contract Services	1,249	5,400
Salaries	191,943	199,200
Travel & Training	750	2,300
	285,723	282,300

	Actuals 18/19	Budget Estimates 18/19
Mechanical - Bridgetown Garage - Direct		
Administration	(214)	-
Equipment	21,969	7,000
Materials, Supplies & Services	1,338,828	842,100
Professional & Contract Services	90	3,200
Salaries	1,137,597	1,189,600
Travel & Training	52,094	130,900
	2,550,364	2,172,800
Mechanical - Operators - Western Region		
Administration	-	1,500
Debt	144	-
Materials, Supplies, & Services	9,919	14,000
Professional & Contract Services	1,730	-
Salaries	1,617,162	1,458,700
Travel & Training	14,350	18,700
	1,643,305	1,492,900
Mechanical - Operators - Eastern Region		
Administration	922	200
Materials, Supplies & Services	23,198	28,000
Professional & Contract Services	310	-
Salaries	1,179,610	1,301,100
Travel & Training	27,504	21,800
	1,231,544	1,351,100
Mechanical - Operators - Central Region		
Administration	304	3,800
Materials, Supplies & Services	15,239	50,300
Professional & Contract Services	350	-
Salaries	2,047,589	2,394,000
Travel & Training	26,645	45,900
	2,090,127	2,494,000
TOTAL HIGHWAY MAINTENANCE DIVISION	50,955,619	47,091,300

PUBLIC WORKS & PLANNING

Public Works Operations -Administration		
Administration	9,526	21,100
Equipment	20,280	3,000
Materials, Supplies & Services	7,569	124,700
Professional & Contract Services	15,683	-
Salaries	633,003	993,600
Travel & Training	23,889	33,500
	709,950	1,175,900

	Actuals 18/19	Budget Estimates 18/19
District Heating Plant		
Administration	45	-
Materials, Supplies & Services	1,567,958	1,662,200
	1,568,003	1,662,200
Building Maintenance Direct - Mona Wilson Bldg.		
Administration	11,879	11,300
Materials, Supplies & Services	28,948	44,700
Professional & Contract Services	486	-
	41,313	56,000
Building Maintenance Direct - Shaw, Sullivan & Jones Bldgs.		
Administration	482,040	481,000
Debt	699	-
Equipment	46,424	2,000
Materials, Supplies & Services	1,187,972	1,220,500
Professional & Contract Services	453,371	416,300
Salaries	1,217,115	1,195,300
Travel & Training	3,638	3,000
	3,391,259	3,318,100
Building Maintenance Direct - Province House		
Administration	22,286	21,300
Materials, Supplies & Services	55,760	103,200
Salaries	52,184	45,800
Travel & Training	396	-
	130,626	170,300
Building Maintenance Direct - Province House Annex		
Administration	8,215	8,300
Materials, Supplies & Services	39,841	48,900
	48,056	57,200
Building Maintenance Direct - Government House		
Administration	19,320	22,500
Equipment	4,519	-
Materials, Supplies & Services	112,609	104,300
Professional & Contract Services	9,975	-
Salaries	339,495	371,200
Travel & Training	766	1,500
	486,684	499,500
Building Maintenance Direct - Customs House		
Administration	9,195	9,300
Materials, Supplies & Services	38,415	51,200
Professional & Contract Services	588	-
	48,198	60,500

	Actuals 18/19	Budget Estimates 18/19
Building Maintenance Direct - Coles Bldg.		
Administration	42,143	41,900
Materials, Supplies & Services	84,255	65,200
Professional & Contract Services	346	-
Salaries	52,603	70,700
	179,347	177,800
 Building Maintenance Direct - Prince County Jail & Courthouse		
Administration	20,302	20,000
Materials, Supplies & Services	111,929	92,400
Professional & Contract Services	216	-
Salaries	28,811	49,900
	161,258	162,300
 Building Maintenance Direct - Summerside Youth Centre		
Administration	90,251	90,000
Materials, Supplies & Services	210,337	235,400
Professional & Contract Services	216	-
	300,804	325,400
 Building Maintenance Direct - Provincial Correctional Centre		
Administration	38,744	40,000
Materials, Supplies & Services	461,611	471,900
	500,355	511,900
 Building Maintenance Direct - Montague Office Complex		
Materials, Supplies & Services	115,389	90,000
Professional & Contract Services	1,395	-
	116,784	90,000
 Building Maintenance Direct - Southern Kings/Queens RSC		
Administration	5,197	5,200
Equipment	1,146	-
Materials, Supplies & Services	88,380	79,200
Professional & Contract Services	571	-
	95,294	84,400
 Building Maintenance Direct - West Prince RSC		
Administration	6,795	8,000
Materials, Supplies & Services	67,669	58,900
Professional Services	981	-
	75,445	66,900
 Building Maintenance Direct - Prince Edward Home		
Materials, Supplies & Services	32,953	75,000
	32,953	75,000

	Actuals 18/19	Budget Estimates 18/19
Building Maintenance Direct - Access PEI S'side		
Administration	47,898	50,000
Materials, Supplies & Services	196,981	283,000
Professional & Contract Services	1,626	-
	246,505	333,000
Building Maintenance Direct - Highway Testing Lab		
Materials, Supplies & Services	39,992	45,700
Salaries	21,091	33,900
	61,083	79,600
Building Maintenance Direct - Brighton Road Office Complex		
Administration	461	700
Materials, Supplies & Services	33,254	39,700
Professional & Contract Services	466	-
Salaries	12,732	28,100
	46,913	68,500
Building Maintenance Direct - Holland College Royalty Operations		
Administration	157,115	145,000
Materials, Supplies & Services	382,497	319,700
Professional & Contract Services	1,068	-
	540,680	464,700
Building Maintenance Direct - S'side Garage - Slement Park		
Administration	21,758	26,000
Materials, Supplies & Services	203,671	199,600
Professional Services	492	-
	225,921	225,600
Building Maintenance Direct - TIE Surplus Warehouse		
Materials, Supplies & Services	15,926	19,500
Professional & Contract Services	411	-
	16,337	19,500
Building Maintenance Direct - Kings County Courthouse		
Administration	3,334	3,600
Materials, Supplies & Services	31,133	25,900
	34,467	29,500
Building Maintenance Direct - Scale Houses		
Administration	4,498	4,500
Materials, Supplies & Services	56,673	87,200
Salaries	5,221	5,500
	66,392	97,200

	Actuals 18/19	Budget Estimates 18/19
Building Maintenance Direct - Environment Warehouse		
Materials, Supplies & Services	14,453	20,000
Professional & Contract Services	645	-
	15,098	20,000
Building Maintenance Direct - Acadian Museum		
Administration	2,965	5,000
Materials, Supplies & Services	13,024	15,300
	15,989	20,300
Building Maintenance Direct - Basin Head Museum		
Administration	890	1,000
Materials, Supplies & Services	14,764	17,500
	15,654	18,500
Building Maintenance Direct - Orwell Historic Village		
Administration	27	-
Materials, Supplies & Services	7,937	12,000
Salaries	5,585	
	13,549	12,000
Building Maintenance Direct - Yeo House		
Materials, Supplies & Services	3,616	11,500
Professional & Contract Services	243	-
	3,859	11,500
Building Maintenance Direct - MacPhail Homestead		
Administration	20	-
Materials, Supplies & Services	12,743	16,500
Professional & Contract Services	440	-
Salaries	7,606	-
	20,809	16,500
Building Maintenance Direct - Belmont St FoodBank		
Administration	-	3,500
Materials, Supplies & Services	20,170	30,000
	20,170	33,500
Building Maintenance Direct - Montague FoodBank		
Materials, Supplies & Services	14,801	23,000
	14,801	23,000
Building Maintenance Direct - Tyne Valley Youth Centre		
Administration	2,655	2,700
Materials, Supplies & Services	57,173	52,100
	59,828	54,800

	Actuals 18/19	Budget Estimates 18/19
Building Maintenance Direct - Lea Crane Building		
Administration	5,968	6,400
Materials, Supplies & Services	34,016	36,100
Salaries	20,848	22,400
	60,832	64,900
Building Maintenance Direct - Potato Services Bldg - Kensington		
Administration	4,102	4,100
Materials, Supplies & Services	38,692	39,500
Professional Services	246	-
	43,040	43,600
Building Maintenance Direct - Tignish SignShop		
Administration	2,417	2,400
Materials, Supplies & Services	28,636	31,500
	31,053	33,900
Building Maintenance Direct - Tignish BodyShop		
Administration	6,898	7,000
Materials, Supplies & Services	71,502	57,000
Professional & Contract Services	246	-
	78,646	64,000
Building Maintenance Direct - Alma Field Office		
Materials, Supplies & Services	27,982	29,000
Professional & Contract Services	242	-
	28,224	29,000
Tyne Valley Medical Centre		
Materials, Supplies & Services	32,182	31,000
Professional & Contract Services	1,442	-
	33,624	31,000
Building Maintenance Direct - Brudenell Park		
Administration	112,292	112,300
Materials, Supplies & Services	30,950	9,000
	143,242	121,300
Building Maintenance Direct - St. Eleanor's House		
Materials, Supplies & Services	8,033	8,800
	8,033	8,800
Building Maintenance Direct - Forestry Office - Queens		
Administration	11,162	12,000
Materials, Supplies & Services	18,870	20,500
Professional & Contract Services	577	-
	30,609	32,500

	Actuals 18/19	Budget Estimates 18/19
Building Maintenance Direct - Forestry Office - Prince		
Materials, Supplies & Services	18,195	21,100
Salaries	5,354	5,500
	23,549	26,600
Building Maintenance Direct - Forestry Office - Kings		
Materials, Supplies & Services	33,007	30,500
	33,007	30,500
Building Maintenance Direct - VIC Cavendish		
Administration	733	1,000
Materials, Supplies & Services	43,812	37,200
Salaries	15,968	25,000
	60,513	63,200
Building Maintenance Direct - VIC Mt. Pleasant		
Materials, Supplies & Services	11,236	10,900
Professional Services	366	-
Salaries	6,994	10,600
	18,596	21,500
Building Maintenance Direct - Vet Clinic - O'Leary		
Materials, Supplies & Services	27,209	31,000
	27,209	31,000
Building Maintenance Direct - Access PEI - Alberton		
Administration	2,180	2,200
Materials, Supplies & Services	27,199	30,300
Professional Services	382	-
Salaries	4,893	-
	34,654	32,500
Building Maintenance Direct - Analytical Lab - Upton Road		
Administration	9,381	9,500
Materials, Supplies & Services	290,597	278,000
Professional & Contract Services	1,218	-
	301,196	287,500
Building Maintenance Direct - Kensington Post Office		
Administration	5,632	5,800
Materials, Supplies & Services	63,744	51,100
	69,376	56,900
Building Maintenance Direct - Murchison House		
Materials, Supplies & Services	11,543	12,000
	11,543	12,000

	Actuals 18/19	Budget Estimates 18/19
Building Accommodations - Small Lease		
Administration	1,785,512	1,931,400
Materials, Supplies & Services	65,578	65,800
Professional & Contract Services	979	-
	1,852,069	1,997,200
Building Accommodations - Evangeline RSC		
Administration	58,470	66,100
Materials, Supplies & Services	3,660	5,600
Professional Services	246	-
	62,376	71,700
Building Accommodations - Johnny Ross Young RSC		
Administration	253,915	251,300
Materials, Supplies & Services	14,888	7,000
Professional & Contract Services	382	-
	269,185	258,300
Building Accommodations - Queens Region Health Authority - Ellis Bros Bldg.		
Administration	788,176	794,900
Equipment	728	-
Materials, Supplies & Services	14,928	-
Professional & Contract Services	1,833	-
	805,665	794,900
Building Accommodations - Health Agency Younker, Roche Bldg.		
Administration	566,908	604,400
Materials, Supplies & Services	242	400
Professional Services	428	-
	567,578	604,800
Building Accommodations - Prov Library Morell		
Administration	205,783	201,100
Materials, Supplies & Services	286	-
	206,069	201,100
Building Accommodations - St. Paul's Rectory		
Administration	33,157	25,000
Materials, Supplies & Services	18,620	24,200
	51,777	49,200
Building Accommodations - E. Blanchard (Gordon Drive)		
Administration	105,197	135,000
Materials, Supplies & Services	19,141	21,800
Professional & Contract Services	476	-
	124,814	156,800

	Actuals 18/19	Budget Estimates 18/19
Building Accommodations - Concorde Building		
Administration	151,000	155,100
Professional & Contract Services	100	
	151,100	155,100
Building Accommodations - Davies Law Courts		
Administration	358,542	755,700
Materials, Supplies & Services	193,719	208,600
Professional & Contract Services	225,094	205,000
	777,355	1,169,300
Building Accommodations - Highway Safety Office		
Administration	195,627	201,300
Materials, Supplies & Services	199	5,000
	195,826	206,300
Building Accommodations - Fisheries Warehouse		
Administration	44,904	46,200
Materials, Supplies & Services	22,198	25,600
Professional Services	-	-
	67,102	71,800
Building Accommodations - Kelly Bldg - Courthouse		
Administration	166,691	370,000
Materials, Supplies & Services	-	17,600
	166,691	387,600
Building Accommodations - Breckan Yates Building		
Administration	153,462	159,900
Materials, Supplies & Services	38	-
Professional & Contract Services	100	-
	153,600	159,900
Building Accommodations - SRDC 109 WaterStreet		
Administration	144,396	180,000
	144,396	180,000
Building Accommodations - Confederation Centre & Libraries		
Administration	178,000	178,000
	178,000	178,000
Building Accommodations - Gateway Village VIC		
Administration	70,535	70,000
	70,535	70,000

	Actuals 18/19	Budget Estimates 18/19
Building Accommodations - Confederation Court Lease -EMO		
Administration	33,133	36,000
	33,173	36,000
Building Accommodations - Donald Bondy Bldg.		
Administration	353,368	351,200
Materials, Supplies & Services	35,804	30,000
Professional Services	246	-
	389,418	381,200
Building Accommodations - Hunter River Health Centre		
Administration	84,000	84,000
	84,000	84,000
Building Accommodations - Summerside Medical Centre		
Administration	228,501	228,500
	228,501	228,500
Building Accommodations - Polyclinic		
Adminsitration	291,197	291,100
	291,197	291,100
Building Accommodations - Pharmtech-Friendly Pharmacy		
Administration	152,383	157,900
	152,383	157,900
Building Accommodations - Dept. of Fisheries-Montague		
Administration	276,331	278,500
Materials, Supplies & Services	49	2,000
Professional & Contract Services	156	-
	276,536	280,500
Building Accommodations - Dept. of Education - Summerside		
Administration	853,192	834,900
Materials, Supplies & Services	38,640	47,000
Professional & Contract Services	896	-
	892,728	881,900
Building Accommodations - VIC - Charlottetown Airport		
Administration	23,010	15,700
Materials, Supplies & Services	(4,000)	7,300
	19,010	23,000

	Actuals 18/19	Budget Estimates 18/19
Building Accommodations - VIC - Wood Islands		
Administration	36,966	37,000
Materials, Supplies & Services	5,066	900
Salaries	17,594	16,300
	59,626	54,200
Building Accommodations - Harbour Quay - Summerside		
Administration	8,928	10,800
Materials, Supplies & Services	2,671	6,400
	11,599	17,200
Building Accommodations - Kensington Laundry		
Administration	68,985	60,900
Materials, Supplies & Services	8,945	22,000
	77,930	82,900
Building Accommodations - Fire Arms Office - Charlottetown		
Administration	17,565	17,600
Materials, Supplies & Services	10,504	7,200
	28,069	24,800
Building Accommodations - 75 Fitzroy Street		
Administration	41,475	41,500
	41,475	41,500
Building Accommodations - Records Centre Slement Park		
Administration	152,571	155,000
	152,571	155,000
Building Accommodations - 85 Fitzroy Street		
Administration	40,416	-
Equipment	40,100	-
Materials, Supplies & Services	21,318	-
	101,834	-
Building Accommodations - ATC Provincial Archives		
Administration	7,100	-
	7,100	-
Director's Office		
Administration	7,791	12,000
Materials, Supplies & Services	533,133	119,100
Professional & Contract Services	103,937	110,000
Salaries	243,143	266,700
Travel & Training	1,503	12,900
	889,507	520,700

	Actuals 18/19	Budget Estimates 18/19
Building Construction		
Administration	3,180	200
Materials, Supplies & Services	447	1,400
Salaries	269,495	357,500
Travel & Training	517	23,200
Grants	(80,725)	-
	192,914	382,300

Building Design		
Administration	6,781	-
Equipment	6,212	-
Materials, Supplies & Services	2,166	-
Salaries	546,638	370,800
Travel & Training	42,150	9,900
Grants	(69,275)	-
	534,672	380,700

TOTAL PUBLIC WORKS & PLANNING	20,649,711	21,747,200
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CAPITAL PROJECTS DIVISION

TRAFFIC OPERATIONS

Traffic Operations Management

Administration	6,747	6,100
Equipment	20	1,000
Materials, Supplies & Services	9,371	13,600
Professional & Contract Services	8,905	1,300
Salaries	261,863	316,900
Travel & Training	18,728	14,400
	305,634	353,300

Traffic Operations - Western Region

Administration	5,807	4,400
Equipment	-	1,300
Materials, Supplies & Services	383,350	228,600
Professional & Contract Services	-	2,200
Salaries	550,552	503,500
Travel & Training	20,428	8,700
	960,137	748,700

	Actuals 18/19	Budget Estimates 18/19
Traffic Operations - Central Region		
Administration	9,283	14,400
Equipment	1,603	5,000
Materials, Supplies & Services	1,059,484	709,200
Professional & Contract Services	2,000	400
Salaries	1,071,584	1,071,000
Travel & Training	24,759	23,000
	2,168,713	1,823,000
Sign Shop		
Administration	5,110	5,700
Materials, Supplies & Services	136,498	100,700
Professional & Contract Services	-	3,600
Salaries	249,543	210,600
Travel & Training	510	1,000
	391,661	321,600
Chief Engineer's Office		
Administration	48,884	24,900
Equipment	1,003	800
Materials, Supplies & Services	12,620	500
Professional & Contract Services	28,875	39,500
Salaries	300,082	255,300
Travel & Training	23,046	9,800
	414,510	330,800
Eastern Region		
Administration	5,795	21,300
Equipment	654	10,400
Materials, Supplies & Services	14,638	13,600
Professional & Contract Services	9,416	2,000
Salaries	798,562	891,800
Travel & Training	10,043	19,800
	839,108	958,900
Western Region		
Administration	10,830	31,000
Equipment	3,485	16,700
Materials, Supplies & Services	37,153	21,800
Professional & Contract Services	4,451	500
Salaries	828,680	907,400
Travel & Training	32,940	14,900
	917,539	992,300

	Actuals 18/19	Budget Estimates 18/19
Engineering Services Operations		
Administration	3,156	1,000
Equipment	-	900
Materials, Supplies & Services	16	600
Salaries	218,834	224,900
Travel & Training	11,949	6,400
	233,955	233,800
Highway Enhancement		
Salaries	407,130	106,200
	407,130	106,200
Bridge Maintenance Operations		
Administration	2,506	5,200
Equipment	958	-
Materials, Supplies & Services	3,119,994	1,464,500
Professional & Contract Services	525,997	420,000
Salaries	522,871	520,900
Travel & Training	27,586	9,600
	4,199,912	2,420,200
Highway Design		
Administration	11,466	9,000
Equipment	5,003	500
Materials, Supplies & Services	6,219	5,500
Professional & Contract Services	32,330	4,800
Salaries	516,397	599,400
Travel & Training	28,415	10,300
	599,830	629,500
Materials Testing Lab		
Administration	16,992	12,400
Equipment	5,098	23,800
Materials, Supplies & Services	16,536	9,700
Professional & Contract Services	5,374	5,000
Salaries	1,113,812	1,277,700
Travel & Training	34,398	23,400
	1,192,210	1,352,000
TOTAL CAPITAL PROJECTS DIVISION	12,630,339	10,270,300

ACCESS PEI

	Actuals 18/19	Budget Estimates 18/19
Access Division Management		
Administration	3,629	6,800
Debt	5,940	-
Equipment	3,054	-
Materials, Supplies & Services	429	4,000
Salaries	128,488	167,100
Travel & Training	7,426	13,000
	148,966	190,900

Summerside Access PEI

Administration	10,169	13,500
Debt	5,665	6,500
Equipment	439	1,200
Materials, Supplies & Services	3,903	4,400
Salaries	586,080	509,700
Travel & Training	3,202	3,400
	609,458	538,700

Souris Access PEI

Administration	7,863	11,300
Equipment	1,236	900
Materials, Supplies & Services	2,334	3,500
Salaries	320,680	305,100
Travel & Training	4,538	5,200
	336,651	326,000

West Prince Access Centres

Administration	8,596	17,400
Debt	600	700
Equipment	2,716	1,300
Materials, Supplies & Services	7,012	4,600
Salaries	362,476	412,800
Travel & Training	8,334	10,600
	389,734	447,400

Montague Access PEI

Administration	9,725	13,800
Debt	350	1,000
Equipment	686	700
Materials, Supplies & Services	1,378	4,800
Salaries	345,660	278,500
Travel & Training	1,453	4,300
	359,252	303,100

	Actuals 18/19	Budget Estimates 18/19
Wellington Access PEI		
Administration	3,816	6,300
Debt	166	200
Materials, Supplies & Services	146	4,000
Salaries	117,638	114,900
Travel & Training	204	800
	121,970	126,200

Riverside Dr. Access PEI		
Administration	14,468	15,100
Equipment	4,990	1,100
Materials, Supplies & Services	3,458	4,800
Professional & Contract Services	240	100
Salaries	632,594	797,000
Travel & Training	229	2,300
	655,979	820,400
TOTAL ACCESS PEI	2,622,010	2,752,700

ENERGY AND MINERALS

Energy and Minerals		
Administration	33	4,000
Equipment	-	4,600
Materials, Supplies & Services	424	3,000
Professional & Contract Services	12,528	55,800
Salaries	56,927	55,200
Travel & Training	-	15,200
	69,912	137,800

Office of Energy Efficiency		
Administration	70,035	110,000
Equipment	2,525	203,500
Materials, Supplies & Services	383,185	646,400
Professional & Contract Services	341,512	3,104,700
Salaries	587,760	1,394,100
Travel & Training	13,578	15,000
Grants	7,638,051	8,252,200
	9,036,646	13,725,900
TOTAL ENERGY	9,106,558	13,863,700

TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY	132,925,606	144,574,600
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