



Transportation, Infrastructure and Energy

ANNUAL REPORT

2019-2020





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, 2019 to March 31, 2020.

Respectfully submitted,

A blue ink signature, likely of James Aylward, written in a cursive style. The signature is positioned above the name and title of the signatory.

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, 2019 to March 31, 2020.

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

Respectfully submitted,

A blue ink signature of Darren Chaisson.

Darren Chaisson, Eng.
Deputy Minister

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Departmental Mandate, Mission and Vision

Mandate

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

To accomplish this Mandate, the Department:

Provides quality and timely advice to the Government of Prince Edward Island on all matters related to transportation and infrastructure services;

Maintains the provincial highway network to the highest standard through construction and maintenance of the network in the safest, most cost effective, and environmentally responsible manner possible;

Establishes partnerships with all levels of government and other jurisdictions to secure funding and develop agreements that synchronize with the Province's transportation, infrastructure and service priorities;

Provides quality services to Government in the areas of building construction, Crown land management, building maintenance and accommodations; and,

Pursues policies and strategic initiatives to sustain and enhance the Province's economic growth and development.

Mission 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

2019-2020

- *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

2019-2020

MINISTER

Administrative Assistant (Minister's Office)

Hon. Steven Myers

Bonnie MacDonald

DEPUTY MINISTER

Administrative Assistant (Deputy Minister's Office)

Darren Chaisson P. Eng.

Mary Ann MacKay

CORPORATE SERVICES

Finance

Human Resources

Wendy MacDonald, Director

Wendy MacDonald, CPA, CA

Janice Mooney, Human Resources Manager

ACCESS PEI

Manager, Eastern PEI

Manager, Charlottetown

Manager, Summerside

Manager, Western PEI

Mark Arsenault, Director

Lori Deveaux-MacKinnon

Paulette Gallant

Leah Smallwood

Cheryl Phillips

HIGHWAY SAFETY

Highway Safety Operations

Highway Safety Vehicle Registration

Deputy Registrar, Charlottetown

Deputy Registrar, Summerside

Graham Miner, Director

Graham Miner

Doug MacEwen, Provincial Registrar

Donna Jameson

Michelle Poirier

PUBLIC WORKS AND PLANNING

Building Design and Construction

Maintenance and Accommodations

Alan Maynard, Director

Tyler Richardson

Holly Hinds

INFRASTRUCTURE, POLICY & PLANNING

Provincial Manager

Policy & Planning

Paul Godfrey, Director

Darlene Rhodenizer

Paul Godfrey

LAND AND ENVIRONMENT

Provincial Chief Surveyor

Properties

Brian Thompson, Director

Wayne Tremblay- acting

Carol Craswell

CAPITAL PROJECTS

Western Regional Engineer

Eastern Regional Engineer

Materials Testing Lab

Highway Design and Bridge Maintenance

Stephen Yeo, Director

Mark Sherren

Stephen Pigott

Tim Cheverie

Darrell Evans

Personnel (continued)

2019-2020

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 MacMillan
Alan Munroe
Wayne MacPhee

ENERGY AND MINERALS

Kim Horreft, Chief Executive Officer

CORPORATE SERVICES DIVISION

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

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

Corporate Services utilizes a shared services model with Civil Service departmental Finance Directors, Managers, Senior Finance and finance clerks' 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 of 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, 2020 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 in regional facilities in Tignish, Alma, Slemon Park, Georgetown and Bridgetown.

HIGHWAY SAFETY DIVISION

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

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

Legislation

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

Electric Vehicles

Amended the *Highway Traffic Act* and Traffic Sign Regulations by adding a new section that deals with electric vehicles. Defines the terms “electric vehicle” and “electric vehicle charging station”. Prohibits a person from leaving a vehicle unattended in an electric vehicle charging station unless the vehicle is an electric vehicle that is attached to the station’s charging equipment, or the vehicle is owned by the person who owns or leases the electric vehicle charging station. Identifies markings and signage for electric vehicle charging stations.

Driving in the Same Lane

Amends section 159 of the *Highway Traffic Act* that concerns vehicles being driven on laned roadways, to prohibit driving side by side in the same lane as another vehicle travelling in the same direction.

Length of Commercial Vehicles

Amends subsections *Highway Traffic Act* to change the maximum length of a combination of commercial vehicles coupled together from 25 m in length to 27.5 m in length.

Off-Highway Vehicle Act and Regulation

Repealed and replaced the offence and penalty pertaining to the illegal operation of an off-highway vehicle on the Confederation Trail. The new provision provides for fine amounts in respect of a first offence or a second or subsequent offence. A new subsection was added to provide for seizure and

impoundment provisions contained in the Act apply in respect of an offence committed on the Confederation Trail. Corrected minor errors in the definition section of the Act. The section also repeals and replaces the definition of "Registrar" to be consistent with wording in provisions that refer to the Registrar in the *Highway Traffic Act*.

Driver Records Section

The Driver Records Section maintains records on all drivers and carriers with convictions for motor vehicle related offences throughout Canada, and who are scheduled for counselling activity such as an interview or a re-examination. The Records Management System (RMS) is one of the key programs used by this Section and is designed to efficiently and effectively maintain driving records to meet the needs for managing drivers and carriers. During the year, there were approximately 8,800 motor vehicle related convictions.

This Section maintains a close working relationship with all law enforcement agencies throughout the Province along with various other government departments, particularly the Office of the Attorney General. 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 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 2018-2019 figures displayed for comparison purposes.

| Driver License Suspensions and Cancellations | 2018-2019 | 2019-2020 |
|--|-----------|-----------|
| Section 253(1)(a) Criminal Code - (Impaired Driving) | 38 | 40 |
| Section 253(1)(b) Criminal Code - (Failing the Breathalyzer) | 177 | 217 |
| Section 254(5) Criminal Code - (Refusal of the Breathalyzer) | 19 | 17 |
| Total Alcohol Related Convictions | 234 | 279 |
| Administrative Driving Prohibitions | 269 | 319 |
| 7 Day Suspensions 277.1 (3.2) Highway Traffic Act | 99 | 54 |
| 30 Day Suspensions 277.1 (3.3) Highway Traffic Act | 4 | 14 |
| 90 Day Suspensions 277.1 (3.5) Highway Traffic Act | 0 | 1 |

| Driver License Suspensions and Cancellations | 2018-2019 | 2019-2020 |
|---|-----------|-----------|
| Vehicle Impoundments | 372 | 412 |
| Demerit Point System (Point Accumulation) | 321 | 346 |
| Theft of a Motor Vehicle | 11 | 11 |
| Default in Payment of Fine(s) | 3,375 | 3,346 |
| Failure to Satisfy a Judgment (Accident with an uninsured | 3 | 1 |
| Number of Warning Letters Issued (Point Accumulation) | 908 | 699 |
| Number of Driving Record Interviews Issued (Point Accumulation) | 147 | 107 |

| Driver required to undergo a re-examination for various reasons (Request from Law Enforcement, Medical Practitioner, etc.) | 2018-2019 | 2019-2020 |
|---|------------------|------------------|
| Medical Referrals Issued | 384 | 439 |
| Medical Referrals Issued for Commercial Drivers | 2,954 | 3,128 |
| Vision Referrals Issued | 116 | 147 |
| Driving Re-Examinations Conducted | 758 | 811 |
| Driving Record Interviews | 132 | 77 |
| Restricted Driver Licenses Issued | 55 | 54 |
| Requests for Abstracts of Driving Records from Insurance Companies and Individuals | 33,225 | 34,860 |
| Abstract Fee (\$25.00) | 830,628 | 871,500 |

REPEAT IMPAIRED DRIVING OFFENDERS

| Year | First (%) | Second (%) | Third or More (%) | Total Impaired Convictions |
|-------------|------------------|-------------------|--------------------------|-----------------------------------|
| 2019 | 66.3 | 18.68 | 15.02 | 273 |
| 2018 | 67.5 | 21.0 | 11.5 | 234 |
| 2017 | 67.7 | 17.0 | 15.3 | 229 |
| 2016 | 66 | 19.3 | 14.7 | 253 |
| 2015 | 67 | 17.6 | 15.4 | 239 |
| 2014 | 62.7 | 22.4 | 14.9 | 241 |
| 2013 | 56.9 | 17.8 | 25.3 | 297 |
| 2012 | 57.8 | 22.3 | 19.9 | 327 |
| 2011 | 60.3 | 19.6 | 20.1 | 373 |
| 2010 | 63.4 | 18.9 | 17.7 | 424 |
| 2009 | 59.7 | 18.1 | 22.2 | 392 |
| 2008 | 57.8 | 23.3 | 18.9 | 365 |
| 2007 | 64.5 | 19.0 | 16.5 | 411 |
| 2006 | 56.2 | 24.1 | 19.7 | 345 |
| 2005 | 63.8 | 19.1 | 17.1 | 304 |
| 2004 | 65.8 | 15.2 | 19.0 | 301 |
| 2003 | 63.6 | 21.2 | 15.2 | 348 |
| 2002 | 56.1 | 23.9 | 20.0 | 394 |
| 2001 | 60.7 | 20.5 | 18.8 | 424 |
| 2000 | 59.1 | 22.8 | 18.1 | 430 |
| 1999 | 51.1 | 18.9 | 30.0 | 440 |
| 1998 | 45.9 | 21.0 | 33.1 | 455 |
| 1997 | 48.0 | 20.6 | 31.4 | 554 |

| Year | First (%) | Second (%) | Third or More (%) | Total Impaired Convictions |
|------|-----------|------------|-------------------|----------------------------|
| 1996 | 45.8 | 21.8 | 32.4 | 513 |
| 1995 | 49.2 | 19.5 | 31.3 | 432 |
| 1994 | 46.3 | 20.6 | 33.1 | 438 |
| 1993 | 41.6 | 21.2 | 37.2 | 594 |
| 1992 | 47.0 | 18.0 | 35.0 | 557 |
| 1991 | 46.5 | 22.7 | 30.8 | 626 |
| 1990 | 45.8 | 21.8 | 32.4 | 654 |
| 1989 | 45.8 | 21.8 | 32.4 | 628 |

Transportation Statistics and Database Applications

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

Carrier Management System (CMS):

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

Collision and Accident Reporting System (CARS):

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

Driver Vehicle System (DVS):

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

Electronic Abstract System (CGI):

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

Enforcement Officer Reporting System (EORS):

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

International Registration Plan (IRP) and IRP Clearing House:

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

Inter-Provincial Records Exchange System (IRE):

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

Motor Vehicle Inspection System (MVIS):

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

Photo ID System:

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

Records Management System (RMS):

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

Telephone Vehicle Registration System (TVRS):

Interactive voice response system for passenger vehicle registration.

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 & 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 (IRP)

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

Typically, vehicles over 11,794 kg (26,000 lb.) or buses that wish to travel in two or more jurisdictions must register under IRP. Registration is not mandatory but if carriers do not register, they will be required to register in their base jurisdiction and obtain temporary or single trip permits from member jurisdictions in which they intend to travel.

During the fiscal year April 1, 2019 to March 31, 2020 there were a total of **201** Prince Edward Island based carriers registering a total of **858** vehicles in the Agreement.

IRP Clearing house

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconciliation of registration and tax fee information and funds through a central computer system among member jurisdictions. Presently 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 through the Highway Safety Division office in Charlottetown. The distribution of revenue, for fiscal April 1, 2019 - March 31, 2020 are listed in the tables that follow.

DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS FOR CANADIAN JURISDICTIONS APRIL 1, 2019 - MARCH 31, 2020

| PROV. | REG FEES | RST | HST | ADMIN FEES | AUDITS | OTHER ADD FEES | TOTAL FEES |
|--------|-----------------------|-------------------|--------------------|--------------------|-------------------|-------------------|-----------------------|
| PE | \$398,199.00 | \$6,750.00 | \$48,682.80 | \$50,020.00 | \$416.00 | \$1,450.00 | \$505,517.80 |
| NB | \$586,410.80 | \$0.00 | \$0.00 | \$0.00 | \$264.75 | \$0.00 | \$586,675.55 |
| NS | \$253,800.58 | \$0.00 | \$0.00 | \$0.00 | \$587.25 | \$0.00 | \$254,387.83 |
| NL | \$1,894.93 | \$0.00 | \$0.00 | \$0.00 | \$2.75 | \$0.00 | \$1,897.68 |
| QC | \$224,236.30 | \$0.00 | \$0.00 | \$0.00 | \$85.60 | \$0.00 | \$224,321.90 |
| ON | \$156,033.00 | \$0.00 | \$0.00 | \$0.00 | \$96.80 | \$0.00 | \$156,129.80 |
| MB | \$1,171.00 | \$0.00 | \$2,131.70 | \$0.00 | \$0.88 | \$0.00 | \$3,303.58 |
| SK | \$2,131.00 | \$0.00 | \$2,431.07 | \$0.00 | \$1.08 | \$0.00 | \$4,563.15 |
| AB | \$3,389.00 | \$0.00 | \$0.00 | \$0.00 | \$1.40 | \$0.00 | \$3,390.40 |
| BC | \$2,592.88 | \$0.00 | \$3,790.46 | \$0.00 | \$0.58 | \$0.00 | \$6,383.92 |
| TOTALS | \$1,629,858.49 | \$6,750.00 | \$57,036.03 | \$50,020.00 | \$1,457.09 | \$1,450.00 | \$1,746,571.61 |

All fees are in Canadian Dollars.

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR U.S. JURISDICTIONS
APRIL 1, 2019 – MARCH 31, 2020**

| JURISDICTION | REGISTRATION FEES | AUDITS | SALES TAX FEES | ADD FEES | TOTAL FEES US DOLLARS |
|-------------------|----------------------|----------|-------------------|------------|--------------------------|
| Alabama | \$84.79 | \$0.06 | \$0.00 | \$0.00 | \$84.85 |
| Arizona | \$1,661.16 | \$2.28 | \$0.00 | \$0.00 | \$1,663.44 |
| Arkansas | \$239.13 | \$0.07 | \$0.00 | \$0.00 | \$239.20 |
| California | \$2,660.02 | \$1.80 | \$0.00 | \$0.00 | \$2,661.82 |
| Colorado | \$597.60 | \$0.48 | \$343.86 | \$25.16 | \$967.10 |
| Connecticut | \$16,349.98 | \$13.76 | \$0.00 | \$0.00 | \$16,363.74 |
| Delaware | \$1,161.07 | \$1.24 | \$0.00 | \$0.00 | \$1,162.31 |
| Dist. of Columbia | \$3.47 | \$0.82 | \$0.00 | \$0.00 | \$4.29 |
| Florida | \$3,206.76 | \$0.02 | \$0.00 | \$0.00 | \$3,206.78 |
| Georgia | \$1,288.00 | \$0.37 | \$513.56 | \$0.00 | \$1,801.93 |
| Idaho | \$489.50 | \$0.06 | \$0.00 | \$3.60 | \$493.16 |
| Illinois | \$4,696.74 | \$2.14 | \$0.00 | \$0.00 | \$4,698.88 |
| Indiana | \$1,812.83 | \$1.51 | \$643.18 | \$0.79 | \$2,458.31 |
| Iowa | \$1,169.14 | \$0.45 | \$0.00 | \$0.00 | \$1,169.59 |
| Kansas | \$152.21 | \$0.16 | \$0.00 | \$33.59 | \$185.96 |
| Kentucky | \$463.91 | \$4.88 | \$151.30 | \$0.00 | \$620.09 |
| Louisiana | \$21.15 | \$0.02 | \$0.00 | \$0.00 | \$21.17 |
| Maine | \$42,129.35 | \$17.47 | \$58,148.18 | \$0.00 | \$100,295.00 |
| Maryland | \$3,563.81 | \$3.02 | \$0.00 | \$0.00 | \$3,566.83 |
| Massachusetts | \$22,573.09 | \$12.79 | \$0.00 | \$0.00 | \$22,585.88 |
| Michigan | \$6,162.60 | (\$3.93) | \$0.00 | \$0.00 | \$6,158.67 |
| Minnesota | \$408.42 | \$0.14 | \$0.00 | \$0.00 | \$408.56 |
| Mississippi | \$101.37 | \$0.07 | \$0.00 | \$61.04 | \$162.48 |
| Missouri | \$710.87 | \$0.83 | \$0.00 | \$0.00 | \$711.70 |
| Montana | \$225.15 | \$0.10 | \$0.00 | \$107.15 | \$332.40 |
| Nebraska | \$869.19 | \$0.60 | \$0.00 | \$0.00 | \$869.79 |
| Nevada | \$366.52 | \$0.33 | \$386.05 | \$0.00 | \$752.90 |
| New Hampshire | \$2,551.41 | \$1.19 | \$0.00 | \$0.00 | \$2,552.60 |
| New Jersey | \$13,155.68 | \$9.90 | \$0.00 | \$0.00 | \$13,165.58 |
| New Mexico | \$66.60 | \$0.11 | \$0.00 | \$0.00 | \$66.71 |
| New York | \$18,431.13 | \$21.55 | \$0.00 | \$4,571.07 | \$23,023.75 |
| North Carolina | \$4,317.77 | \$2.85 | \$0.00 | \$0.00 | \$4,320.62 |

| JURISDICTION | REGISTRATION FEES | AUDITS | SALES TAX FEES | ADD FEES | TOTAL FEES US DOLLARS |
|----------------|---------------------|-----------------|--------------------|-------------------|-----------------------|
| North Dakota | \$202.51 | \$0.06 | \$0.00 | \$0.00 | \$202.57 |
| Ohio | \$1,370.21 | (\$0.07) | \$0.00 | \$0.00 | \$1,370.14 |
| Oklahoma | \$370.72 | \$0.55 | \$0.00 | \$47.76 | \$419.03 |
| Oregon | \$222.02 | \$0.02 | \$0.00 | \$0.00 | \$222.04 |
| Pennsylvania | \$27,382.89 | \$21.54 | \$266.79 | \$0.00 | \$27,671.22 |
| Rhode Island | \$286.66 | \$0.18 | \$0.00 | \$0.00 | \$286.84 |
| South Carolina | \$1,753.49 | \$0.83 | \$114.53 | \$0.00 | \$1,868.85 |
| South Dakota | \$203.21 | \$0.04 | \$0.00 | \$0.00 | \$203.25 |
| Tennessee | \$659.61 | \$3.05 | \$0.00 | \$0.00 | \$662.66 |
| Texas | \$405.15 | \$0.30 | \$0.00 | \$0.00 | \$405.45 |
| Utah | \$337.53 | \$0.54 | \$0.00 | \$288.58 | \$626.65 |
| Vermont | \$2,503.40 | \$2.16 | \$0.00 | \$0.00 | \$2,505.56 |
| Virginia | \$4,930.19 | \$3.53 | \$0.00 | \$1,490.86 | \$6,424.58 |
| Washington | \$723.76 | (\$0.70) | \$0.00 | \$116.62 | \$839.68 |
| West Virginia | \$453.38 | \$1.55 | \$481.95 | \$0.00 | \$936.88 |
| Wisconsin | \$3,297.02 | \$0.91 | \$0.00 | \$0.00 | \$3,297.93 |
| Wyoming | \$418.16 | \$0.73 | \$0.00 | \$704.72 | \$1,123.61 |
| TOTALS | \$197,210.33 | \$132.36 | \$61,049.40 | \$7,450.94 | \$265,843.03 |

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2019 – MARCH 31, 2020**

| JURISDICTION | REGISTRATION FEES | AUDITS | SALES TAX | ADD FEES | TOTAL FEES |
|---------------------------|---------------------|----------------|---------------|---------------|---------------------|
| New Brunswick | \$198,226.86 | \$100.00 | \$0.00 | \$0.00 | \$198,326.83 |
| Nova Scotia | \$66,750.00 | (\$1.10) | \$0.00 | \$0.00 | \$66,748.90 |
| Newfoundland and Labrador | \$2,499.00 | \$14.53 | \$0.00 | \$0.00 | \$2,513.53 |
| Quebec | \$30,084.71 | (\$50.00) | \$0.00 | \$0.00 | \$30,034.71 |
| Ontario | \$12,555.88 | \$11.05 | \$0.00 | \$0.00 | \$12,566.93 |
| Manitoba | \$5,801.00 | \$0.00 | \$0.00 | \$0.00 | \$5,801.00 |
| Saskatchewan | \$2.00 | \$0.00 | \$0.00 | \$0.00 | \$2.00 |
| Alberta | \$9,754.00 | \$0.03 | \$0.00 | \$0.00 | \$9,754.03 |
| British Columbia | \$405.00 | (\$39.24) | \$0.00 | \$0.00 | \$365.76 |
| TOTALS | \$326,078.45 | \$35.27 | \$0.00 | \$0.00 | \$326,113.72 |

All Fees in Canadian Dollars.

**DISTRIBUTION OF REVENUE COLLECTED BY US JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2019 – MARCH 31, 2020**

| JURISDICTION | REGISTRATION FEES | AUDITS | SALES TAX FEES | TOTAL FEES US DOLLARS |
|---------------------|------------------------------|---------------|-----------------------|----------------------------------|
| Alabama | \$17,867.00 | \$0.00 | \$0.00 | \$17,867.00 |
| Arizona | \$30.00 | \$0.00 | \$0.00 | \$30.00 |
| Arkansas | \$3.00 | \$0.00 | \$0.00 | \$3.00 |
| California | \$13.00 | \$0.00 | \$0.00 | \$13.00 |
| Colorado | \$8,372.56 | \$0.00 | \$0.00 | \$8,372.56 |
| Connecticut | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Delaware | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Dist. of Columbia | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Florida | \$6,123.50 | (\$4.00) | \$0.00 | \$6,119.50 |
| Georgia | \$53.00 | \$0.00 | \$0.00 | \$53.00 |
| Idaho | \$653.53 | \$0.00 | \$0.00 | \$653.53 |
| Illinois | \$2,864.54 | (\$0.62) | \$0.00 | \$2,863.92 |
| Indiana | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Iowa | \$1.00 | \$0.00 | \$0.00 | \$1.00 |
| Kansas | \$404.00 | \$0.00 | \$0.00 | \$404.00 |
| Kentucky | \$22.00 | \$0.00 | \$0.00 | \$22.00 |
| Louisiana | \$2,130.00 | \$0.00 | \$0.00 | \$2,130.00 |
| Maine | \$2,326.00 | \$0.00 | \$0.00 | \$2,326.00 |
| Maryland | \$0.00 | \$0.40 | \$0.00 | \$0.40 |
| Massachusetts | \$4.04 | \$0.00 | \$0.00 | \$4.04 |
| Michigan | \$314.40 | \$0.60 | \$0.00 | \$314.40 |
| Minnesota | \$21.00 | \$0.00 | \$0.00 | \$21.00 |
| Mississippi | \$22.00 | \$0.00 | \$0.00 | \$22.00 |
| Missouri | \$10,706.00 | \$0.00 | \$0.00 | \$10,706.00 |
| Montana | \$2.00 | \$0.00 | \$0.00 | \$2.00 |
| Nebraska | \$2.01 | \$0.00 | \$0.00 | \$2.01 |
| Nevada | \$471.00 | \$0.00 | \$0.00 | \$471.00 |
| New Hampshire | \$414.72 | \$0.00 | \$0.00 | \$414.72 |
| New Jersey | \$9,165.50 | \$0.73 | \$0.00 | \$9,166.23 |
| New Mexico | \$37.03 | \$0.00 | \$0.00 | \$37.03 |
| New York | \$220.00 | \$0.00 | \$0.00 | \$220.00 |
| North Carolina | \$53.81 | \$0.00 | \$0.00 | \$53.81 |

| JURISDICTION | REGISTRATION FEES | AUDITS | SALES TAX FEES | TOTAL FEES US DOLLARS |
|----------------|--------------------|-----------------|----------------|-----------------------|
| Ohio | \$6.07 | \$0.00 | \$0.00 | \$6.07 |
| Oklahoma | \$0.20 | \$0.00 | \$0.00 | \$0.20 |
| Oregon | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Pennsylvania | \$265.00 | \$0.00 | \$0.00 | \$265.00 |
| Rhode Island | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| South Carolina | \$6.00 | \$0.00 | \$0.00 | \$6.00 |
| South Dakota | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Tennessee | (\$45.82) | \$0.01 | \$0.00 | (\$45.81) |
| Texas | \$0.00 | \$0.00 | \$0.00 | \$0.00 |
| Utah | \$0.04 | \$0.00 | \$0.00 | \$0.04 |
| Vermont | \$78.05 | \$0.00 | \$0.00 | \$78.05 |
| Virginia | \$35.00 | (\$0.57) | \$0.00 | \$34.43 |
| Washington | \$38.13 | \$0.00 | \$0.00 | \$38.13 |
| West Virginia | \$392.00 | \$0.00 | \$0.00 | \$392.00 |
| Wisconsin | \$154.00 | \$0.00 | \$0.00 | \$154.00 |
| Wyoming | \$2,103.00 | \$0.00 | \$0.00 | \$2,103.00 |
| TOTALS | \$65,328.31 | (\$4.45) | \$0.00 | \$65,323.86 |

**RECAP OF REVENUE
APRIL 1, 2019 – MARCH 31, 2020**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island: \$505,517.80

Revenue Collected for Canadian Jurisdictions: \$1,241,053.51

Total Canadian Revenue Collected from PE Base Plated Carriers \$1,746,571.61

Total U. S. Revenue Collected from PE Base Plated Carriers: \$265,843.03

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PEI by Canadian Jurisdictions: \$326,113.72

Revenue Collected for PEI by US Jurisdictions: \$65,323.86

Driver Education and Testing

Driver Education Licensing Certification Program

Highway Safety encourages young drivers to become involved in a Driver Education Program in

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

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

Driver Education School – Class 5 Driver License

| Written Examinations | | Road Tests | |
|-----------------------------|-----|-------------------|-----|
| 2018-2019 | 242 | 2018-2019 | 333 |
| 2019-2020 | 282 | 2019 - 2020 | 342 |

Driver Improvement Program

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

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

Driver Rehabilitation Program

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

Registration and Licensing

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

- assisting law enforcement to identify vehicles involved in crime
- collisions or traffic violations
- verifying insurance

- verifying proof of ownership and other identifying information
- identifying vehicles required to be branded as salvage, re-built and/or non-repairable
- assisting in the safety recall of vehicles as required under federal regulations
- safety inspection standards

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

Vehicle Registrations

| Type of Vehicle | 2018-2019 | 2019-2020 |
|--------------------------------|----------------|----------------|
| Cars | 82,431 | 76,886 |
| Trucks | 27,976 | 26,549 |
| Motorcycles | 2,794 | 2,725 |
| Buses | 458 | 460 |
| Trailer | 17,396 | 18,061 |
| Off-Road Vehicle | 4,948 | 6,124 |
| Miscellaneous - Other Vehicles | 1,169 | 1,074 |
| Total Registrations | 137,172 | 131,879 |

Total Number of Drivers per class

| Class | 2018-2019 | 2019-2020 |
|---|-----------|-----------|
| CLASS 1 - Tractor Trailers | 4,361 | 4,425 |
| CLASS 2 - Bus (more than 24 passengers including School Bus) | 1,136 | 1,182 |
| CLASS 3 - Trucks over 14,000 kg | 4,092 | 3,963 |
| CLASS 4 - Ambulance, Bus, Taxi (less than 24 passengers) | 2,401 | 2,357 |
| CLASS 5 - Car, Light Truck | 98,485 | 98,595 |
| CLASS 6 – Motorcycle | 11,658 | 11,620 |
| CLASS 7 - Beginner's Instruction Permit | 3,326 | 3,591 |

Conservation Plates

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

- Red Fox
- Canada Goose
- Brook Trout
- Blue Jay
- Lady Slipper

Sale of Conservation Plates

| 2013-2014 | 2014-2015 | 2015-2016 | 2016-2017 | 2017-2018 | 2018-2019 | 2019-2020 |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 12,276 | 6,945 | 2,061 | 2,085 | 2,366 | 2,348 | 2,308 |

For 2019-2020, the following unique plates were purchased:

| | 2019-2020 |
|--------------|-----------|
| Red Fox | 1,058 |
| Blue Jay | 440 |
| Canada Goose | 283 |
| Lady Slipper | 209 |
| Brook Trout | 318 |

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.

Counter measures 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.

Driver Testing Statistics

| Knowledge Tests 2018-2019 | Knowledge Tests 2019-2020 | Road Tests 2018-2019 | Road Tests 2019-2020 |
|------------------------------|------------------------------|-------------------------|-------------------------|
| 2,891 | 3,350 | 3,119 | 3,770 |

Ignition Interlock Program

The Ignition Interlock Program is a mandatory requirement for reinstatement of a driver's license for all convictions of impaired driving. It is designed to encourage individuals to seek help quickly and address any alcohol-related problems.

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 IGNITION INTERLOCK DEVICES INSTALLED |
|------|-----------------|---|
| 2007 | 411 | 47 |
| 2008 | 365 | 61 |
| 2009 | 392 | 68 |
| 2010 | 424 | 73 |
| 2011 | 373 | 99 |
| 2012 | 327 | 94 |
| 2013 | 297 | 179 |
| 2014 | 241 | 139 |
| 2015 | 239 | 192 |
| 2016 | 249 | 210 |
| 2017 | 229 | 186 |
| 2018 | 250 | 191 |
| 2019 | 279 | 186 |

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 51 drivers successfully completed the Defensive Driver Course. Online Defensive Driving Course has been approved for demerit point credit and offered at Island First Aid Services and JVI.

Collision and Reporting System (CARS)

During the year 2019, there were 1,627 collisions resulting in 605 injuries and 15 fatalities. The fatalities included 9 drivers of vehicles, 2 drivers of motorcycle, 3 passengers of vehicles, 1 pedestrian and 1 driver of a snowmobile.

Traffic Safety Promotion

Highway Safety provides information regarding traffic safety through news media, brochures, posters and pamphlets. Campaigns are conducted promoting rules of the road, bicycle safety, off-highway vehicle rules, vehicle safety, winter driving tips, registration and license renewal reminders and seat belt use. A continuous campaign is conducted to encourage drivers not to drink and drive.

The SADD (Students Against Drunk Driving) program is also promoted and encouraged through Highway Safety. Six of the high schools across the province have a Chapter of SADD.

Motor Vehicle Inspection

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

Salvage Vehicle Inspection Program

The Salvage Vehicle Inspection Program was implemented on May 1, 2013 by an amendment to the Motor Vehicle Inspection Regulations. The new program applies to all "salvage" branded cars and light trucks.

These vehicles are now required to be submitted to an inspection conducted by a certified auto body repairer, employed at a certified auto body shop, ensuring that the vehicle has been repaired and reassembled to an acceptable industry standard before being submitted to the annual safety inspection. Motor Vehicle- Inspection Officers monitor the stations and technicians.

Motor Vehicle Inspection Statistics

| Stations (#) | Mechanics (#) | Results of Inspections | Cars/ Light Trucks | Trucks | Farm Trucks | Motorcycle/ Light Trailer | Trailers with Brakes |
|-------------------------|--------------------------|-----------------------------------|-----------------------------------|---------------|------------------------|--------------------------------------|---------------------------------|
| 269 | 595 | Passed | 74,832 | 870 | 207 | 4,025 | 1,054 |
| | | Rejected | 3,008 | 1,306 | 590 | 101 | 1,701 |

| Vehicle Type | Defective Brakes | Defective Tires/ Wheels | Defective Suspensions | Defective Steering | Defective Exhaust | Defective Body/ Frame | Windshield and Glazing |
|--------------------|------------------|-------------------------|-----------------------|--------------------|-------------------|-----------------------|------------------------|
| Light Vehicle | 9,626 | 4,486 | 5,534 | 3,137 | 1,964 | 2,318 | 1,113 |
| Commercial Vehicle | 1,454 | 680 | 487 | 251 | 262 | 289 | 126 |

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 are 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 | 349,610 |
| U.S. Trucks | Borden/Carleton Scales | 319 |

Driver and Vehicle Checks

| Activity | Location | Number |
|------------------------------|------------------------|--------|
| Driver's Documents | Borden/Carleton Scales | 16,200 |
| Hours of Work (Driver's Log) | Borden/Carleton Scales | 270 |
| Trip Inspections | Borden/Carleton Scales | 270 |
| Dangerous Goods Inspections | Borden/Carleton Scales | 80 |

Miscellaneous Activities

| Activity | Location | Number |
|-----------------------------|------------------------|--------|
| Quick Check Stickers Issued | Borden/Carleton Scales | 0 |

| Activity | Location | Number |
|-------------------------------------|------------------------|--------|
| Potato disinfectant Slips Collected | Borden/Carleton Scales | 0 |
| Vehicles Checked for Taxable Goods | Borden/Carleton Scales | 0 |
| Forest Products | Borden/Carleton Scales | 987 |
| Vehicles Quarantined | Borden/Carleton Scales | 0 |
| Plant Health Act | Borden/Carleton Scales | 10 |
| Apiary Act | Borden/Carleton Scales | 85 |
| Animal Health Act | Borden/Carleton Scales | 101 |
| Fisheries ProductAct | Borden/Carleton Scales | 2,405 |

Permits Issued

| Type | Location | Number | Revenue |
|------------------------|-------------------------------|--------------|---------------------|
| In-Transit | Borden/Carleton Scales | 77 | \$770.00 |
| Oversize | Borden/Carleton Scales | 1,132 | \$131,600.00 |
| Overweight | Borden/Carleton Scales | 266 | \$3,380.00 |
| Trip | Borden/Carleton Scales | 466 | \$102,630.00 |
| Fuel | Borden/Carleton Scales | 867 | \$21,675.00 |
| Work | Borden/Carleton Scales | 87 | \$30,100.00 |
| Non-Compliance | Borden/Carleton Scales | 367 | \$73,400.00 |
| Disinfection Fees | Borden/Carleton Scales | 0 | \$0.00 |
| Other Front-End Decals | Borden/Carleton Scales | 59 | \$1,180.00 |
| Totals | Borden/Carleton Scales | 3,321 | \$364,735.00 |

Recorded Violations

| Item | Location | Number | Revenue |
|----------------------------|----------------------------------|-----------|--------------------|
| Roads Act | Borden/Carleton Scales | 67 | \$16,258.00 |
| <i>Highway Traffic Act</i> | Borden/Carleton Scales | 7 | \$1,425.00 |
| <i>Dangerous Goods Act</i> | Borden/Carleton Scales Portables | 0 | \$0.00 |
| Totals | Borden/Carleton Scales | 74 | \$17,683.00 |

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

Commercial Vehicle Safety Alliance Statistics

| Item | 2018-2019 | 2019-2020 |
|---|-----------|-----------|
| Total Number of Trucks & Truck Trailers Inspected | 314 | 270 |
| Power Units Out of Service | 19 | 26 |
| Tractor Trailers Out of Service | 10 | 16 |

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 |
|---------|-------------|
| 337 | \$97,499.00 |

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

Public Works and Planning 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:

1. evaluation of existing buildings
2. development of concept plans
3. preparation of cost estimates
4. preparation of working drawings and specifications required to obtain tenders, receipt of tenders and preparation of construction contracts
5. construction contract administration and quality control
6. preparation of request for proposals covering required consultant and construction management services and evaluation of these proposals.

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED

Ellerslie Elementary School – Oil Tank Replacement - 4-Apr-19

| | |
|-------------------------------|-------------|
| GNL Environmental Inc. | \$37,200.00 |
| Ron's Plumbing & Heating Inc. | \$37,400.00 |
| B. Walsh Heating Inc. | \$42,391.91 |
| W&S General Contractors Ltd. | \$43,548.00 |

M.E. Callaghan Intermediate School – Oil Tank Replacement - 4-Apr-19

| | |
|-------------------------------|-------------|
| GNL Environmental Inc. | \$42,700.00 |
| Ron's Plumbing & Heating Inc. | \$46,400.00 |
| W&S General Contractors Ltd. | \$47,398.00 |
| B. Walsh Heating Inc. | \$50,391.00 |

Public Archives Fit-up - ATC - 9-Apr-19

| | |
|---------------------------|--------------|
| WM&M (1993) Ltd. | \$353,000.00 |
| Strategic Construction | \$435,000.00 |
| MacLean Construction Ltd. | \$449,800.00 |

Kensington Intermediate Senior High School – New AHU - 18-May-19

| | |
|-------------------------------|--------------|
| Entire Mechanical Contractors | \$150,700.00 |
|-------------------------------|--------------|

Charlottetown Rural High School – Heating Piping Replacement - 25-Apr-19

| | |
|-------------------------------|--------------|
| Bevan Bros. Limited | \$91,000.00 |
| Entire Mechanical Contractors | \$106,800.00 |

Montague Intermediate School – Oil Tank Replacement - 25-Apr-19

| | |
|------------------------------|-------------|
| GNL Environmental Inc. | \$51,750.00 |
| W&S General Contractors Ltd. | \$54,436.00 |
| Barry Walsh Heating Inc. | \$55,940.00 |

Wedgewood Manor – Dehumidification East Wing - 2-May-19

| | |
|----------------------------------|--------------|
| Poirier Heating and Cooling Inc. | \$117,990.00 |
| Entire Mechanical Contractors | \$154,750.00 |

Eliot River Elementary School – Oil Tank Replacement - 16-May-19

| | |
|-------------------------------|-------------|
| GNL Environmental Inc. | \$56,000.00 |
| Barry Walsh Heating Inc. | \$58,371.00 |
| W&S General Contractors Ltd. | \$62,747.00 |
| Ron's Plumbing & Heating Inc. | \$71,600.00 |

Hearnwood Intermediate School – Gym Floor Refinishing & Lighting– 30-May-19

| | |
|----------------------------------|-------------|
| Centaur Products (Atlantic) Inc. | \$67,459.00 |
|----------------------------------|-------------|

Morell Consolidated School - Window Replacement - 20-Jun-19

| | |
|---------------------------|--------------|
| WM&M (1993) Ltd. | \$192,000.00 |
| MacLean Construction Ltd. | \$202,487.00 |
| Strategic Construction | \$210,000.00 |

Cardigan Consolidated School - Masonry Repointing - 27-Jun-19

| | |
|----------------------------|--------------|
| West Masonry Ltd | \$99,400.00 |
| WM&M (1993) Ltd. | \$117,500.00 |
| Vintage Brick & Stone Inc. | \$128,214.00 |

Morell Consolidated School – Parking Lot Upgrades - 27-Jun-19

| | |
|---------------------------------|--------------|
| M&M Resources Inc. | \$117,000.00 |
| Chapman Bros. Construction Ltd. | \$129,000.00 |

Summerside Intermediate School – Building Management System Upgrade 11-Jul 19

| | |
|---------------------|--------------|
| Memco Controls Ltd. | \$133,889.00 |
| R.I.K.S. Electric | \$250,000.00 |

Beaconsfield Carriage House Cooling - 16-Jun-18

| | |
|-----------------------------------|-------------|
| Entire Mechanical Contractors | \$19,250.00 |
| Jamieson Electric & Refrigeration | \$20,900.00 |
| J&S Sheet Metal | \$22,150.00 |

Queen Charlotte Intermediate School - Cafeteria Stage Removal - 18-Jul-19

| | |
|------------------------|-------------|
| Strategic Construction | \$44,500.00 |
| WM&M (1993) Ltd. | \$49,000.00 |
| MacLean Construction | \$87,000.00 |

West Royalty Elementary School Addition-Phase 1 Preliminary Site Work-18-Jul-19

| | |
|------------------------------|--------------|
| Island Coastal Services Ltd. | \$394,880.73 |
|------------------------------|--------------|

Ecole Pierre-Chiasson - Partial Roof Replacement - 18-Jul-19

No bids

10 Unit Mixed Family and Seniors Housing Complex - 30-Jul-18

| | |
|-------------------------------------|----------------|
| Ryson Interior Construction Limited | \$2,375,000.73 |
| B. Clinton Construction Ltd. | \$2,431,583.00 |

| | |
|---|----------------|
| <u>Montague Intermediate School - Gym Floor Replacement 20-Aug-19</u> | |
| Centaur Products (Atlantic) Inc. | \$121,405.00 |
| Ralph Connor Company Ltd. | \$112,481.00 |
| <u>Bloomfield Elementary School - Parking Lot Upgrades - 20-Aug-19 (Invited Tender)</u> | |
| Curran and Briggs Limited | \$174,000.00 |
| <u>Ecole Pierre Chiasson – Partial Roof Replacement – 22-Aug-19 (Invited Tender)</u> | |
| Atlantic Metaclad Limited | \$214,900.00 |
| Perry's Construction Ltd. | \$250,220.00 |
| <u>Amherst Cove Consolidated School - Oil Tank Replacement - 5-Sep-19</u> | |
| Ron's Plumbing & Heating Inc. | \$41,500.00 |
| GNL Environmental Inc. | \$44,800.00 |
| W&S General Contractors Ltd. | \$52,165.00 |
| <u>Belfast Consolidated School - Partial Roof Replacement - 5-Sep-19</u> | |
| Atlantic Roofers Ltd. | \$228,742.00 |
| Ashe Roofing Ltd | \$267,770.00 |
| Brault Roofing Maritimes Inc. | \$321,103.00 |
| A-Tech Roofing Ltd. | \$325,400.00 |
| <u>Parkside Elementary School - Oil Tank Replacement - 5-Sep-19</u> | |
| W&S General Contractors Ltd. | \$52,465.00 |
| GNL Environmental Inc. | \$54,200.00 |
| Ron's Plumbing & Heating Inc. | \$55,700.00 |
| <u>Ecole-sur-Mer High School Addition – 19-Sep-19</u> | |
| WM&M (1993) Ltd. | \$5,617,000.00 |
| Marco Maritimes Limited | \$6,283,000.00 |
| MacLean Construction Ltd. | \$6,350,000.00 |
| Wellington Construction Co. Ltd. | \$6,320,000.00 |
| Strategic Construction | \$8,000,000.00 |
| <u>Maplewood Manor - Site Drainage (Invited Tender) - 26-Sep-19</u> | |
| Curran and Briggs Limited | \$57,400.00 |
| AJL General Contractors Limited | \$68,778.00 |
| <u>Queen Elizabeth Elementary School - Partial Roof Replacement - 26-Sep-19</u> | |
| Ashe Roofing Ltd. | \$91,200.00 |
| Brault Roofing Maritimes Inc. | \$119,245.00 |
| Atlantic Roofers Ltd. | \$132,957.00 |

| | |
|---|----------------|
| <u>St. Louis Elementary School - Partial Roof Replacement - 26-Sep-19</u> | |
| Ashe Roofing Ltd. | \$69,200.00 |
| Brault Roofing Maritimes Inc. | \$84,337.00 |
| Atlantic Roofers Ltd. | \$96,207.00 |
| <u>32 Unit Seniors Complex - Pioneer Avenue - 18-Oct-19</u> | |
| Strategic Construction | \$4,650,000.00 |
| WM&M (1993) Ltd. | \$5,272,000.00 |
| MacLean Construction Ltd. | \$5,480,000.00 |
| <u>QCHD Bus Parking Lot Extension (Electrical Services) - 29-Oct-19</u> | |
| Hansen Electric Ltd. | \$182,180.00 |
| <u>Beach Grove Home - Parking Lot Upgrades (Invited Tender) - 30-Oct-19 CANCELLED</u> | |
| Island Coastal Services Ltd. | \$227,931.65 |
| <u>Provincial Artifactory – Site Grading and Eavestrough (Invited Tender) – 30-Oct-19 CANCELLED</u> | |
| MacLean Construction Ltd. | \$39,023.00 |
| <u>Queen Elizabeth Hospital - Air Handling Unit - 12-Dec-19</u> | |
| J&S Sheet Metal | \$131,500.00 |
| Entire Mechanical Contractors | \$140,700.00 |
| <u>Public Health Services, Linden Avenue - Partial Interior Renovation - 17-Dec-19</u> | |
| Wellington Construction Co. Ltd. | \$244,490.00 |
| Strategic Construction | \$228,000.00 |
| WM&M (1993) Ltd. | \$319,000.00 |
| MacLean Construction Ltd. | \$355,000.00 |
| <u>Electric Vehicle Charging Station (Various Locations) - 23-Dec-19</u> | |
| Hansen Electric Ltd. | \$91,300.00 |
| Ainsworth Inc. | \$97,500.00 |
| Al's Electric Services Ltd. | \$112,700.00 |
| <u>PCH Mental Health and Addictions Washroom Renovation (Invited Tender) - 8-Jan-20</u> | |
| WM&M (1993) Ltd. | \$262,600.00 |
| MacLean Construction Ltd. | \$287,000.00 |
| <u>Bluefield High School - Partial Roof Replacement - 16-Jan-20</u> | |
| Atlantic Roofers Ltd. | \$315,187.00 |
| Ashe Roofing Ltd. | \$367,400.00 |
| A-Tech Roofing Ltd. | \$382,700.00 |
| Evolution Roofing Ltd. | \$421,000.00 |
| Brault Roofing Maritimes Inc. | \$334,800.00 |

Honourable George Coles Building Renovations - 4-Feb-20

| | |
|---------------------------------|----------------|
| Fitzgerald and Snow (2010) Ltd. | \$2,186,600.00 |
| WM&M (1993) Ltd. | \$2,272,000.00 |

Kings County Memorial Hospital - Domestic Hot Water Tank Replacement - 11-Feb-20

| | |
|--------------------------------|--------------|
| Ainsworth Inc. | \$138,900.00 |
| Hansen Electric Ltd. | \$162,600.00 |
| AMAC Electric (2004) Ltd. | \$173,425.00 |
| Advanced Piping Solutions Inc. | \$173,425.00 |

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2019 but under construction between April 1, 2019 and March 31, 2020:

- Queens County Highway Depot (Phases 5a & 5b)
- Former PE Home – Demolition
- Western Hospital – Dialysis Unit Renovations
- Riverview Long Term Care Facility
- Hillsborough Hospital – Unit 3B Renovations
- Prince County Hospital – Ambulatory Care & Women's Wellness Program
- Stratford Elementary School Addition (Phases 1&2)
- L.M. Montgomery Elementary School – Addition/Renovation (Phases 1&2)
- 32 Unit Seniors Apartment Complex – Summerside
- 21 Unit Transitional Housing – Charlottetown

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, 2020 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
- Summerset Manor
- Tignish School
- Tignish Sign Shop
- Tignish Seniors Building "A"
- Tignish Seniors Building "B"
- Hernewood Intermediate School

A Request for Proposals covering the provision of biomass heat plants, which would be owned by the Department and operated by the successful contractor, was issued.

Department ownership of the biomass heat plants was the selected as the approach for these biomass heat plants, to take advantage of a Federal funding contribution (Low Carbon Economy Leadership) Fund toward the capital cost of Department owned biomass heat plants. The capital cost associated with developing the biomass plants to provide heat for the 17 facilities is approximately \$6,600,000; the Federal contribution toward the capital cost will be approximately \$3,300,000.

The proposals were evaluated based on several factors including technical, contractor experience, capital cost and operational cost. Proposals were accepted and contracts will be awarded for the following biomass heat plants:

| Facility | Contractor |
|--|-------------------|
| ME Callaghan Intermediate School | Atlantic Bioheat |
| Queen Elizabeth and Kensington High Schools | Atlantic Bioheat |
| Three Summerside Seniors Buildings | Atlantic Bioheat |
| Three Summerside Waterfront Buildings | Atlantic Bioheat |
| West Royalty School | Wood4heating |
| Westwood Primary School | Wood4heating |
| Glen Stewart and Stratford Schools | Wood4heating |
| Ecole Francois-Buote School | Wood4heating |
| Brackley Highways Depot | Wood4heating |
| Montague Intermediate School and Riverview Manor | Wood4heating |

Development of the additional biomass heat plants will be carried out during FY 2019/20, FY 2020/21 and FY 2021/22. 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:

- Sign Shop, Tignish (Interior Painting)
- Access PEI, Alberton (Interior Painting)
- Access PEI, O'Leary (Landscaping and Seeding)
- Yeo House, Green Park (New Chimney Liner and Repairs)
- Alma Field Office (Exterior and Interior Painting)
- Tyne Valley Youth Center (Boiler Replacement)
- Kensington Post Office (Boiler Replacement)
- Access PEI, Summerside (Interior Renovations)
- Prince County Highway Depot (Mechanical Upgrades)
- Prince County Highway Depot (Site Lighting Upgrades)
- St. Eleanor's House (Boiler Replacement)
- Wellington Health Center (Leasehold Improvements)

Queens County:

- Queens Co. Forestry (Garage Door Replacement)
- Government House (Flooring Replacement)
- Coles Building (Third Party Office Renovations)
- Sullivan Building (Boiler Room Valve Replacement)
- Jones Building (Concrete Walkway Repairs / Retaining Wall Repairs)
- Shaw Building (High Density File Storage System Installation)
- Shaw Building (3rd Floor Flooring Replacement)
- Cavendish VIC (Exterior Painting)
- Belmont Street Food Bank (Exterior Painting)
- Elections PEI (Leasehold Improvements)
- Provincial Correctional Center (AHU System 1 & 5 Replacement)
- Provincial Correctional Center (Interior Lighting Upgrade)
- Provincial Correctional Center (Security Fence Replacement)
- Various Buildings (Interior Painting)
- Various Buildings (New Office Furniture)

Kings County:

- Access PEI, Souris (Leasehold Fit-up / New Office Furniture)
- South Hampton Forestry (New Metal Roof)
- Montague Office Complex (Mobile File System Relocation)
- Access PEI, Montague (New Window Treatments)

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED**Maintenance and Accomodations**Government House -Flooring Replacement RFQ 16-May -19

| | |
|------------------------|------------|
| M & M Furniture | \$4,956.00 |
| Flooring Canada | \$5,596.00 |
| Tops to Floors | \$5,964.00 |
| Loyalist Marble & Tile | \$7,580.00 |
| Tile Master | No Bid |
| GWG Flooring | No Bid |

Belmont Food Bank Exterior Painting - Public- 30-May-19

| | |
|------------------|------------|
| Mallard Painting | \$7,100.00 |
|------------------|------------|

Cavendish VIC- Exterior Painting - Public – 30-May-19

| | |
|------------------|------------|
| Mallard Painting | \$7,750.00 |
|------------------|------------|

Exterior/Interior Window Cleaning Various Locations Queens County Contract A – Public

| | |
|------------------------------------|-------------|
| Hurry Cleaning Services Ltd. | \$28,950.00 |
| Clearview Industrial Services Ltd. | \$43,470.00 |
| The Edge Window Cleaning Service | \$46,500.00 |
| High Tower Ltd | \$53,925.00 |

Exterior/Interior Window Cleaning Various Locations Queens County Contract B - Public

| | |
|-------------------------------------|-------------|
| Hurry Cleaning Services Ltd. | \$21,184.00 |
| The Edge Window Cleaning Service | \$23,500.00 |
| High Tower Ltd. | \$37,000.00 |
| Clearview Industrial Services Ltd. | \$45,454.00 |
| Best View Building Maintenance Ltd. | \$58,300.00 |

Green Park Ship Building Museum Roofing & Siding Replacement – Public –30-May- 2019

| | |
|--------------------|--------------|
| R & R Construction | \$115,376.00 |
|--------------------|--------------|

Landscaping and seeding Access PEI O'Leary-RFQ- 6-Jun-19

| | |
|--------------------------------|------------|
| Donald Buchanan | \$4,850.00 |
| O'Meara's Heavy Equipment Ltd. | \$5,223.00 |
| AJL General Contractors | \$8,200.00 |
| Gillis's Heavy Equipment | No Bid |
| Stewart Enterprises | No Bid |
| Kildare Construction | No Bid |

Provincial Correctional Centre -System 1&5 AHU Replacement –Public -27-Jun-19

| | |
|-------------------------------|--------------|
| Entire Mechanical Contractors | \$107,000.00 |
| J & S Sheet Metal Ltd. | \$109,700.00 |

Sullivan and Shaw Buildings – RFQ - 5-Jul-19

| | |
|------------------------|------------|
| Island Painting | \$5,600.00 |
| Mallard Painting | \$5,845.00 |
| Stu Constable Painting | No Bid |
| MPD Painting | No Bid |

Yeo House New Liner and Chimney Repair – RFQ - 25-Jul-19

| | |
|--------------------------------|-------------|
| Clark Masonry | \$7,000.00 |
| Bricklaying West Prince | \$10,600.00 |
| Island Masonry Inc. | No Bid |
| Williams Murphy & MacLeod Ltd. | No Bid |
| Gordon Millar | No Bid |

Jones Retaining Wall Repair – RFQ – 7-Aug-19

| | |
|----------------------|------------|
| Twins Landscaping | \$4,045.00 |
| Earthform | \$6,519.00 |
| MacDonald Excavation | No Bid |

Access PEI Souris - Office Furniture – RFQ – 15-Aug-19

| | |
|-----------------------------|------------|
| HMS Office Supplies | \$8,807.00 |
| Atlantic Business Interiors | \$9,649.00 |

PAB Complex - Office Furniture – RFQ - 15-Aug-19

| | |
|-----------------------------|------------|
| HMS Office Supplies | \$4,092.00 |
| Atlantic Business Interiors | \$4,634.00 |
| Office Interiors | No Bid |
| Metro Distributing | No Bid |

Shaw Building - 3rd Center New Flooring – RFQ – 19-Aug-19

| | |
|------------------------|------------|
| Town N Country | \$2,016.40 |
| Loyalist Marble & Tile | \$2,686.00 |
| Flooring Canada | \$2,917.40 |
| M&M Furniture Carpet | \$3,155.00 |
| Tile Master | No Bid |
| Tops to Floors- | No Bid |

Alma Field Office Exterior Painting – RFQ - 20-Aug-19

| | |
|------------------------|------------|
| Arsenault Painting | \$4,735.00 |
| Top Notch Painting | \$4,950.00 |
| Palmer Enterprises | \$5,600.00 |
| Darrell Smith Painting | No Bid |

| | |
|-------------------|--------|
| Westisle Painting | No Bid |
| New Look Painting | No Bid |
| Island Painting | No Bid |

Kings County Forestry – New Metal Roof – Public- 15-Aug-19

| | |
|------------------------------|-------------|
| B. Clinton Construction Ltd. | \$22,600.00 |
| B & S Construction | \$24,013.00 |
| DCT Carpentry | \$26,850.00 |
| Paul Davis | \$28,500.00 |

Security Fence Replacement Provincial Correctional Centre-RFQ- 27-Sep-19

| | |
|----------------|-------------|
| Eastern Fence | \$23,750.00 |
| Maritime Fence | No Bid |
| Armour Fence | No Bid |

Tyne Valley Youth Centre Boiler Replacement- Public 3-Oct-19

| | |
|-------------------------------|-------------|
| Maritime Pressure Works | \$11,200.00 |
| Rons Plumbing & Heating Inc. | \$13,600.00 |
| Entire Mechanical Contractors | \$18,600.00 |

St Eleanors House -Boiler Replacement – Public 3-Oct-19

| | |
|---|-------------|
| Doucette Brothers Plumbing & Heating Inc. | \$7,332.00 |
| Maritime Pressure Works | \$8,500.00 |
| Rons Plumbing & Heating Inc. | \$8,800.00 |
| Entire Mechanical Contractors | \$13,933.00 |

Kensington Post Office - Boiler Replacement- Public 3-Oct-19

| | |
|---|-------------|
| Bevan Bros. Plumbing & Heating | \$20,625.00 |
| Doucette Brothers Plumbing & Heating Inc. | \$24,500.00 |
| Entire Mechanical Contractors | \$28,800.00 |
| Rons Plumbing & Heating Inc. | \$34,000.00 |

Aubin Arsenault Building - Office Furniture – RFQ 10-Oct-19

| | |
|-----------------------------|-------------|
| HMS Office Supplies | \$25,192.00 |
| Atlantic Business Interiors | \$26,160.00 |
| Metro Distributing | No Bid |
| Office Interiors | No Bid |

Prince County Courthouse RTAC - RFQ- 20-Oct-19

| | |
|-------------------------------|------------|
| Controls & Equipment Ltd. | \$8,532.00 |
| Poirier Heating & Cooling | \$8,635.00 |
| Advanced Air- No bid | No Bid |
| Sherbrook Mechanical- No bid | No Bid |
| J & S Sheet Metal Ltd- No bid | No Bid |

Sidewalk Replacement- Jones Building Public- 24-Oct-19

| | |
|-----------------------|-------------|
| Earthform Corporation | \$85,500.00 |
|-----------------------|-------------|

Site Lighting Upgrade-Prince County Highway Depot – Public – 24-Oct-19

| | |
|------------------------|-------------|
| Hansen Electric | \$23,700.00 |
| Buchanan Electric Inc. | \$25,500.00 |
| Ainsworth Inc. | \$29,350.00 |
| Riks Electric | \$31,700.00 |

Elections PEI Reception Renovation Atlantic Technology Centre-Public- 24-Oct-19

| | |
|------------------------|-------------|
| Strategic Construction | \$19,600.00 |
| MacLean's Construction | \$62,309.00 |

Jones Building -Office Painting – RFQ- 1-Nov-19

| | |
|------------------|------------|
| Mallard Painting | \$3,480.00 |
| Island Painting | \$3,895.00 |

Social Development & Housing Sherwood Business Centre - Office Furniture – Public – 7 Nov-19

| | |
|-----------------------------|-------------|
| Atlantic Business Interiors | \$36,347.00 |
| HMS Office Supplies | \$40,590.00 |

Access PEI Summerside Interior Renovations- Public- 19-Dec-19

| | |
|-------------------------|--------------|
| Strategic Construction | \$205,000.00 |
| Wellington Construction | \$224,525.00 |
| W M & M Ltd. | \$267,700.00 |

Provincial Correctional Centre - Lighting Upgrade – Public- 19-Dec-19

| | |
|-------------------------------|--------------|
| Olympia Electric Ltd. | \$50,724.00 |
| Ainsworth Inc. | \$56,800.00 |
| Entire Mechanical Contractors | \$65,730.00 |
| Hansen Electric | \$77,700.00 |
| Riks Electric | \$117,900.00 |

Montague Office Complex Mobile File System Relocation – Public- 19-Dec-19

| | |
|------------|-------------|
| TabuFile | \$9,500.00 |
| Spacesaver | \$17,250.00 |

Government Office Space Furnishings-Public-23-Jan-19

| | |
|---|-------------|
| HMS Office Supplies "A" | \$11,247.00 |
| Atlantic Business Interiors: A" | \$11,500.00 |
| Office Interiors "A" | \$16,960.75 |
| VenRez "A" | No Bid |
| Spacesaver "A" | \$18,046.00 |
| HMS Office Supplies "B" | \$10,999.00 |
| Atlantic Business Interiors "B" non-compliant | \$7,000.00 |

| | |
|----------------------|-------------|
| Office Interiors "B" | \$11,197.00 |
| Spacesaver "B" | \$14,486.00 |
| VenRez "B" | No Bid |

500 Queen Street- Office Furnishings- Public- 30-Jan-20

| | |
|--------------------------------|--------------|
| Atlantic Business Interiors #2 | \$121,402.00 |
| Office Interiors | \$164,970.00 |
| Atlantic Business Interiors | \$178,862.00 |

Queens County Forestry -Garage Door Replacement – RFQ – 18-Feb-20

| | |
|---------------------------|------------|
| Keirs Overhead Doors | \$1,955.00 |
| Island Overhead Doors | \$2,078.05 |
| Atlantic Doors | \$2,696.00 |
| Coles Overhead Doors | No Bid |
| A and S Overhead Doors | No Bid |
| D L Reid's Overhead Doors | No Bid |

Tignish Sign Shop Interior Painting - RFQ- 27-Jan-20

| | |
|------------------------|-------------|
| Arsenault Painting | \$6,800.00 |
| Westisle Painting | \$7,200.00 |
| Top Notch Painting | \$8,400.00 |
| Mallard Painting | \$10,875.00 |
| Island Painting | \$13,700.00 |
| Palmer Enterprises | \$15,864.00 |
| Darrell Smith Painting | No Bid |
| New Look Painting | No Bid |

Access Alberton Interior Painting – RFQ- 30-Jan-20

| | |
|------------------------|------------|
| Mallard Painting | \$5,345.00 |
| Westile Painting | \$4,000.00 |
| Darrell Smith Painting | \$5,400.00 |
| Top Notch Painting | \$6,341.00 |
| Palmer Enterprises | \$6,696.00 |
| Island Painting | \$7,900.00 |
| Arsenault Painting | No Bid |
| New Look Painting | No Bid |

Alma Field Office Interior Painting Service Bay- RFQ-31-Jan-20

| | |
|------------------------|------------|
| Arsenault Painting | \$2,750.00 |
| Mallard Painting | \$3,500.00 |
| Top Notch Painting | \$3,677.00 |
| Palmer Enterprises | \$4,224.00 |
| Darrell Smith Painting | \$4,800.00 |
| Island Painting | \$5,900.00 |
| Westile Painting | No Bid |
| New Look Painting | No Bid |

Montague Access Child & Family Interior Painting – RFQ 4-Feb-20

| | |
|--------------------------|------------|
| Forrester Painting | \$4,600.00 |
| Everything Painting Plus | \$6,250.00 |
| Mallard Painting | \$6,445.00 |

Montague Access Child & Family Window Blinds – RFQ- 5-Feb-20

| | |
|----------------|------------|
| Marken | \$3,450.00 |
| Nulook Blinds | \$4,900.00 |
| The Blind Spot | \$4,979.69 |

EMO-Office Furnishings - RFQ- 27-Feb-20

| | |
|----------------------------------|-------------|
| Office Xpress | \$32,907.72 |
| Atlantic Business Interiors "B" | \$33,502.00 |
| Atlantic Business Interiors "A" | \$35,623.00 |
| Office Interiors - Non-compliant | \$35,157.00 |

15 Queen Street - Office Furnishings- RFQ- 27-Feb-20

| | |
|---|-------------|
| Atlantic Business Interiors "B" | \$27,293.00 |
| HMS Office Solutions | \$28,815.00 |
| Atlantic Business Interiors "A" | \$29,854.00 |
| MMP Office Interiors Inc. – Non-compliant | \$36,580.00 |

LAND AND ENVIRONMENT DIVISION

The Land and Environment Division is comprised of three sections including Environmental Management, Properties and the Office of the Provincial Chief Surveyor. The 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 Services 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 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 EMS 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 (CLE).

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 321 environmental assessments/project approvals during 2019-2020, including 159 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.

2019 Environmental Management Section Project Approvals

| County | Blanket Approval | EMS Approval (only) | EMS Field Approval | EMS Approval & DCLE Permit | Total |
|----------|------------------|---------------------|--------------------|----------------------------|-------|
| Prince | 7 | 44 | 22 | 8 | 81 |
| Queens | 7 | 49 | 54 | 14 | 124 |
| Kings | 7 | 17 | 83 | 9 | 116 |
| Province | 21 | 110 | 159 | 31 | 321 |

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 2019-2020 for the various blanket approval types is provided in the following table:

2019 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 | 27 | 17 | 6 | 50 |
| Shore Access | 3 | 2 | 3 | 8 |
| Painting | 2 | 3 | 7 | 12 |
| Maintenance of Environmental Controls | 17 | 33 | 19 | 69 |
| Guardrail Reinstatement (with shoulder work) | 0 | 27 | 24 | 51 |
| Confederation Trail Surface and Slope Repairs | 1 | 6 | 17 | 24 |
| Confederation Trail Vegetation Management | 1 | 21 | 30 | 52 |
| Ditching (Smooth Bucket or Grading) | 22 | 11 | 17 | 50 |
| Brush Cutting | 83 | 70 | 51 | 204 |
| Timber Pile Bridge Minor Repair | 0 | 2 | 4 | 6 |
| Unpaved Road Improvements With/Without Ditching (within 30m of Watercourse/Wetland) | 41 | 13 | 9 | 63 |
| Surface Water Cross Culvert Replacement | 13 | 8 | 3 | 24 |
| Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland | 0 | 4 | 2 | 6 |
| Maintenance of Provincial Tap Drains | 1 | 2 | 0 | 3 |
| Repair/Replace Timber Floors | 1 | 1 | 0 | 2 |
| Shoulder Grading/Planning & Material Placement | 27 | 60 | 43 | 130 |
| Debris Removal from Structures | 10 | 2 | 7 | 19 |
| Asphalt Overlay | 0 | 19 | 11 | 30 |
| Total Blanket Approval Projects | 249 | 301 | 253 | 803 |

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 2019-2020, 159 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 2019-2020, 110 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 CLE 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 considered to be a 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 2019-2020, 31 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 2019-2020, 27 projects were audited by the Environmental Management Section. Of the 27 projects, 22 met the requirements of the permit, and 3 met most of the requirements of the permit and 2 did not meet the requirements of the permit (with follow-up visits to ensure all requirements were met). The Department of Communities, Land and Environment, Water and Climate Change, 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 2019-2020, 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 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 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 several 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 Environment, Water and Climate Change, 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 15 watershed and community groups during 2019-2020.

2019 was year one of the PEI Watershed Pilot Project. TIE collaborated with a selected watershed group in each of the three counties, to develop their priorities for the next 5 years of the Pilot Project. In Prince County, EMS and the Cascumpec/Hills River Watershed Group developed a secondary road maintenance program in their watershed area to identify problems with unpaved roads and the management solutions and maintenance schedule to reduce sediment transport towards watercourses and wetlands. In Queens County, EMS and the Winter River/Tracadie Bay Watershed Group completed a baffle retrofit on an arch culvert on the Pleasant Grove Road to improve fish passage issues at this structure. In Kings County, EMS and the Souris and Area Wildlife Federation developed a plan to stabilize and manage storm water runoff on the Greenvale Road in the Black Pond Watershed.

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

This program is a cooperative cost-shared program between the EMS and the Forests, Fish and Wildlife Section of the Department of 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 76 sites in 2019-2020.

Committee Participation

The EMS represents the Department on several inter-governmental and external committees. The following is a list of 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
- Active Transportation Working Group

Regulatory Approvals and Environmental Assessments

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

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

NWPA Approvals

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: Environment, Water and Climate Change; 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-ways and public easements in the Province;
- maintain and manage the provincial control survey networks and provide technical assistance to various GNSS/GIS users on the provincial datum and mapping plane;
- maintain a library of documentary evidence and case law related to land tenure and surveying in Prince Edward Island and other provinces; and
- 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 111 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 2019-2020, the Office has opened approximately 41 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 several legal surveys. Most 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 Caledonia, as well as for work to be done at the intersection of St. Peters Road and Charlottetown Bypass.

Topographic surveys have been completed for PEI Housing Corporation at Alberton, Morell, Summerside and Georgetown to assist in planning for future housing development. Survey work has been continued 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 five years. The system has performed within the specifications of the manufacturer and has improved efficiency of gathering data in the field by the survey crews. The system has proven to be robust, with very few outages, most of which 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 continued 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 include:

- | | | |
|----------------|------------------------|-----------------------|
| ○ 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, Finance/Innovation PEI, as well as the Museum and Heritage Foundation, Holland College, municipalities and other local development corporations formed to promote economic growth outside the larger municipal centres.

The Properties Section maintains a computer-based filing system (Land Information Management System - LIMS) capable of tracking property inventory, lease renewals, rental payments, properties acquired, sold and leased, production of reports pertaining to provincial land inventory and recording of requests received regarding provincial lands.

Staff members participate on various government committees including the 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, 2020, there were approximately 2,258 essential properties (totaling 100,919 acres) and 148 surplus properties (totaling 414 acres) held in provincial ownership and under the management of various government departments.

For the period April 1, 2019 to March 31, 2020, the Properties Section received 508 inquiries related to provincial property matters.

Property Leases - April 1, 2019 to March 31, 2020

For the period April 1, 2019 to March 31, 2020, there were 106 lease agreements on 93 provincial properties (1,292 approximate acres) generating a revenue of \$81,209 for this period. In addition, there were an additional 284 lease or licence agreements on 546 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, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|---------|--------------------|---------|----------|--|
| 90753 | French River | 0.18 | \$3,861 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 618843 | St. Peters Harbour | 0.36 | \$3,441 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 171264 | Georgetown | 0.50 | \$22,043 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 261867 | Wellington Station | 0.22 | \$0 | Property acquired as part of a land exchange. |
| 898015 | Indian River | 0.68 | \$3,512 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 443614 | Ellerslie-Bideford | 1.00 | \$2,577 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 409409 | Summerside | 0.23 | \$4,440 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 649780 | Albany | 0.16 | \$2,476 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 420554 | St. Nicholas | 0.30 | \$4,207 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 9308 | St. Edward | 1.00 | \$7,961 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 24299 | Harmony | 0.50 | \$4,226 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 702944 | Duvar | 0.25 | \$2,464 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 1515147 | Summerside | 0.00 | \$13,531 | Tax sale property (mobile home) transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 436006 | Fortune Bridge | 22.50 | \$0 | Property re-acquired as per reversionary clause. |
| 553248 | Mount Albion | 0.15 | \$1,900 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |

| Parcel | Location | Acreage | Amount | Notes |
|---------|-----------------------|---------|---------|--|
| 670729 | Freeland | 14.00 | \$2,563 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 213900 | Searletown | 1.20 | \$5,985 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 500819 | St. Charles | 3.35 | \$0 | Property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division in exchange for a Tax Receipt. |
| 672394 | Ellerslie-Bideford | 0.25 | \$3,660 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 1501774 | Milburn | 0.00 | \$4,556 | Tax sale property (mobile home) transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 1518240 | Baie-Egmont | 0.00 | \$5,834 | Tax sale property (mobile home) transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 513416 | Leoville | 7.00 | \$3,084 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 1535400 | Rose Valley | 0.00 | \$4,374 | Tax sale property (mobile home) transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 881672 | New Dominion | 0.17 | \$0 | Property Escheated to the Crown by way of failure to file annual returns. Quit Claim Deed to the Province from the Department of Finance. |
| 424275 | Tignish | 0.28 | \$2,127 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 662254 | East Bideford | 5.00 | \$2,850 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 735795 | St. Marys Road | 0.54 | \$5,170 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 718643 | Baie-Egmont | 0.55 | \$2,351 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 481101 | Milburn | 0.35 | \$3,296 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 156315 | Forest Hill | 0.09 | \$3,313 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 693622 | Georgetown Royalty | 7.30 | \$3,477 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 102582 | Souris | 0.13 | \$9,951 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |

| Parcel | Location | Acreage | Amount | Notes |
|--------------|----------------------|---------------|------------------|---|
| 198044 | Montague | 0.59 | \$0 | Property acquired on behalf of Department of Education & Lifelong Learning. |
| 887190 | Summerside | 4.17 | \$599,000 | Property acquired on behalf of Department of Education & Lifelong Learning. |
| 159053 | St. Georges | 0.24 | \$4,768 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 189258 | Milburn | 6.22 | \$12,641 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 156646 | Forest Hill | 42.00 | \$0 | Property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division for a nominal sum of \$1.00 due to unclear title. |
| 741777 | Glenwilliam | 0.61 | \$4,479 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 63511 | Miscouche | 10.43 | \$2,110 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 549089 | Norway | 3.00 | \$2,288 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| 232918 | Cavendish | 14.00 | \$0 | Property acquired by way of donation. |
| 1116268 | Morell | 57.00 | \$0 | A portion of property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division in exchange for a Tax Receipt. |
| 813386 | Church Road | 27.00 | \$0 | Property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division in exchange for a Tax Receipt. |
| 820159 | Church Road | 33.00 | \$0 | Property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division in exchange for a Tax Receipt. |
| 820183 | Morell | 128.00 | \$0 | Property acquired on behalf of Department of Environment, Water & Climate Change, Forests, Fish & Wildlife Division in exchange for a Tax Receipt. |
| 838193 | Emyvale | 1.57 | \$6,164 | Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing. |
| Total | 46 Properties | 396.07 | \$770,680 | |

Easements Granted – April 1, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|--------------|---------------------|--------------|---------------|---|
| 198044 | Montague | 0.02 | \$0 | Easement granted to the Town of Three Rivers for sewer line. |
| 70680 | Summerside | 53.40 | \$0 | Easement granted to Slemon Park Corporation for the maintenance of sidewalks and water and sewer infrastructure. |
| 490243 | Stratford | 0.16 | \$0 | Easement granted to the Stratford Utility Corporation for buried concrete pipe for water main and sanitary sewer. |
| Total | 3 properties | 53.58 | \$0.00 | |

Property Acquisitions (RLAF) - April 1, 2019 to March 31, 2020 (RLAF - Resource Land Acquisition Fund)

| Parcel | Location | Acreage | Amount | Notes |
|--------|------------------|--------------|----------|---|
| 47902 | Roxbury | 60.00 acres | \$72,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 117663 | Bear River North | 50.00 acres | \$10,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 129536 | St. Charles | 50.00 acres | \$13,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 144683 | St. Charles | 22.00 acres | \$13,700 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 179838 | Green Meadows | 35.00 acres | \$36,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 189316 | Milburn | 20.00 acres | \$5,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 268672 | Baie-Egmont | 39.00 acres | \$26,500 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 268714 | Baie-Egmont | 35.00 acres | \$23,500 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 291237 | Beach Point | 155.00 acres | \$54,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |

| Parcel | Location | Acreage | Amount | Notes |
|---------------|----------------------|---------------------|------------------|--|
| 616656 | New Glasgow | 0.33 acres | \$5,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). |
| 643700 | Selkirk | 151.00 acres | \$15,000 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). Government paid \$15,000 and Ducks Unlimited paid \$30,000. |
| 1117670 | Monticello | 56.00 acres | \$26,300 | Acquired for the Department of Environment, Water & Climate Change (Forests, Fish & Wildlife Division). Government paid \$26,300, Canadian Nature Fund (CNU) paid \$161,700 and the Department of Environment, Water and Climate Change (EWCC) paid \$1,000. |
| Total | 12 properties | 673.33 acres | \$300,000 | |

Easements Acquired – April 1, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|---------------|-----------------|----------------|---------------|---|
| 245647 | Cornwall | 0.50 acres | \$0 | Acquired easement for storm water management. |
| 160556 | Cardigan | 0.98 acres | \$0 | Acquired easement for storm water management. |
| 160952 | Cardigan | 0.01 acres | \$0 | Acquired easement for storm water management. |
| 706226 | Stratford | 0.58 acres | \$150,000 | Acquired easement for storm water management. |
| 859009 | Stratford | 0.006 acres | \$0 | Acquired easement for vehicle turning area. |
| 1043363 | Covehead Road | 0.99 acres | \$20,000 | Acquired easement for storm water management. |
| 1061563 | Cornwall | 0.13 acres | \$0 | Acquired easement for storm water management. |
| 641399 | York | 0.27 acres | \$0 | Acquired easement for tap drain. |
| 594952 | Wellington | 0.003 acres | \$500 | Acquired easement for infrastructure maintenance (lawn drain) purposes. |
| 594630 | Wellington | 0.001 acres | \$500 | Acquired easement for infrastructure maintenance (lawn drain) purposes. |
| 832865 | Wellington | 0.006 acres | \$500 | Acquired easement for infrastructure maintenance (lawn drain) purposes. |
| 261131 | Wellington | 0.005 acres | \$500 | Acquired easement for infrastructure maintenance (lawn drain) purposes. |
| 832873 | Wellington | 0.001 acres | \$500 | Acquired easement for infrastructure maintenance (lawn drain) purposes. |
| 151308 | Fortune Bridge | 0.002 acres | \$500 | Acquired easement for infrastructure maintenance. |

| Parcel | Location | Acreage | Amount | Notes |
|--------------|----------------------|---------------------|---------------------|---|
| 1060565 | Cornwall | 0.0004 acres | \$500 | Acquired easement for future infrastructure maintenance. |
| 32086 | Union | 0.005 acres | \$500 | Acquired easement for future infrastructure maintenance. |
| 821611 | Union | 0.001 acres | \$500 | Acquired easement for future infrastructure maintenance. |
| 770610 | Roseneath | 0.05 acres | \$1,000 | Acquired easement for future infrastructure maintenance. |
| 70680 | Summerside | 0.12 acres | \$0 | Acquired easement for vehicle turning area. |
| 268631 | Baie-Egmont | 0.04 acres | \$500 | Acquired easement for future infrastructure maintenance. |
| 450270 | New Perth | 0.02 acres | \$550 | Acquired easement for infrastructure maintenance. |
| 1066778 | Cornwall | 0.023 acres | \$0 | Acquired easement for storm water management. |
| 1109446 | Stratford | 0.25 acres | \$0 | Acquired easement for ditch slope and site distance. |
| 524736 | Clyde River | 0.02 acres | \$500 | Acquired easement for drainage ditch (widening of the Baltic Road). |
| 909408 | Clyde River | 0.05 acres | \$0 | Acquired easement for drainage ditch (widening of the Baltic Road). |
| 887190 | Summerside | 0.160 acres | \$0 | Acquired easement for storm water management. |
| 111566 | Bonshaw | 0.688 acres | \$0 | Acquired easement for trail purposes. |
| 227900 | Clyde River | 0.06 acres | \$1,300 | Acquired easement for future infrastructure maintenance (tap drain) purposes. |
| Total | 28 Properties | 4.9714 acres | \$178,350.00 | |

Disposals for Highways - April 1, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|--------|--------------|-------------|--------|--|
| 227934 | Clyde River | 24.96 acres | \$0 | Part of a land exchange with PID 1109040 for new Cornwall By-Pass. |
| 245464 | Cornwall | 0.12 acres | \$0 | Portion conveyed to adjacent landowner. |
| 415349 | Granville | 0.09 acres | \$0 | Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim. |
| 218941 | Bonshaw | 0.32 acres | \$500 | Portion of old roadbed closed and conveyed to adjacent property owner. |
| 999359 | Poplar Grove | 0.36 acres | \$500 | Portion of old roadbed closed and conveyed to adjacent property owner. |
| 778365 | Orwell | 0.50 acres | \$500 | Portion of old roadbed closed and conveyed to adjacent property owner by Quit Claim. |

| Parcel | Location | Acreage | Amount | Notes |
|--------------|---------------------|---------------------|-----------------|--|
| 488452 | Dundas | 0.037 acres | \$0 | Part of a land exchange for a portion of old roadbed to adjacent property owner. |
| 128918 | Mount Mellick | 0.018 acres | \$0 | Remnant parcel of land conveyed to adjacent property owner. |
| 883371 | Clyde River | 0.23 acres | \$0 | Part of land exchange with PID 693119 acquired for Cornwall By-Pass project. |
| 1109446 | Stratford | 0.25 acres | \$24,995 | Remnant parcel of land conveyed to adjacent property owner. |
| 1109446 | Stratford | 0.49 acres | \$0 | Part of land exchange with PID 289280 acquired for roundabout project. |
| 227595 | New Haven | 0.001 acres | \$0 | Portion of old roadbed closed and conveyed to adjacent property owner. |
| 855163 | New Haven | 0.12 acres | \$4,000 | Portion of old roadbed closed and conveyed to adjacent property owner. |
| 1089168 | New Haven | 0.09 acres | \$3,000 | Conveyed to adjacent landowner. |
| 636423 | Stratford | 0.037 acres | \$0 | Part of a land exchange with PID 822346 acquired for roundabout project. |
| 53447 | Grand River | 1.46 acres | \$0 | Portion of old roadbed closed and conveyed to adjacent property owner. |
| Total | 16 Disposals | 29.083 acres | \$33,495 | |

Acquisitions for Highways – April 1, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|---------|-------------|-------------|-----------|---|
| 245647 | Cornwall | 0.42 acres | \$0 | Acquired for new subdivision streets. |
| 87205 | Margate | 0.93 acres | \$0 | Acquired for road extension of Thompson Point Road. |
| 70680 | Summerside | 53.04 acres | \$0 | Acquired all streets within Slemon Park. |
| 819235 | Stratford | 0.08 acres | \$28,000 | Acquired for new roundabout project. |
| 486977 | Searletown | 0.63 acres | \$75,000 | Acquired for road realignment. |
| 1109040 | Clyde River | 10.00 acres | \$0 | Part of a land exchange with PID 227934 for new Cornwall By-Pass project. |
| 289462 | Stratford | 0.35 acres | \$36,252 | Acquired for new roundabout project. |
| 1109446 | Stratford | 2.97 acres | \$324,732 | Acquired for new roundabout project. |
| 227884 | Clyde River | 0.008 acres | \$2,700 | Acquired for road widening as part of the Cornwall By-Pass project. |
| 557967 | Clyde River | 0.10 acres | \$2,400 | Acquired as part of the Cornwall By-Pass project. |
| 268631 | Baie-Egmont | 0.06 acres | \$500 | Acquired for road realignment. |
| 1061563 | Cornwall | 1.44 acres | \$0 | Acquired for new subdivision streets. |

| Parcel | Location | Acreage | Amount | Notes |
|--------------|----------------------|------------------------------------|--------------------|---|
| 128934 | Mount Mellick | 0.26 acres | \$2,100 | Acquired for road realignment. |
| 488452 | Dundas | 0.11 acres | \$0 | Part of a land exchange for a portion to correct lands occupied as part of 1977 road realignment project. |
| 216432 | Crapaud | 0.93 acres + house & building | \$90,000 | Acquired for road realignment. |
| 228098 | Clyde River | 0.01 acres | \$2,200 | Acquired for road widening as part of the Cornwall By-Pass project. |
| 663211 | Summerside | 0.34 acres | \$16,400 | Acquired for road realignment. |
| 402180 | Summerside | 0.03 acres | \$4,000 | Acquired to correct encroachment issue for public road purposes. |
| 398693 | Stratford | 0.17 acres | \$0 | Acquired for extension of Irving Avenue. |
| 610550 | Stratford | 0.43 acres | \$0 | Acquired for extension of Irving Avenue. |
| 227900 | Clyde River | 0.008 acres | \$2,530 | Acquired as part of the Cornwall By-Pass project. |
| 693119 | Clyde River | 0.16 acres | \$0 | Part of land exchange with PID 883371 acquired for Cornwall By-Pass project. |
| 228122 | Clyde River | 0.25 acres | \$7,000 | Acquired as part of the Cornwall By-Pass project to construct a turning area. |
| 289280 | Stratford | 0.25 acres | \$0 | Part of land exchange with PID 1109446 acquired for roundabout project. |
| 71399 | Sherbrooke | 0.007 acres | \$616 | Acquired for new roundabout project. |
| 850974 | Sherbrooke | 0.15 acres | \$9,034 | Acquired for new roundabout project. |
| 621730 | Charlottetown | 0.02 acres | \$9,000 | Acquired for new roundabout project. |
| 490243 | Stratford | 0.21 acres | \$200,000 | Acquired for new roundabout project. |
| 822346 | Stratford | 0.038 acres | \$0 | Part of a land exchange with PID 636423 acquired for roundabout project. |
| 644641 | Sherbrooke | 0.12 acres | \$7,000 | Acquired for new roundabout project. |
| 237347 | North Rustico | 1.22 acres | \$150,000 | Acquired for new road extension to Simon Drive. |
| 53447 | Grand River | 1.49 acres | \$31,000 | Acquired for new roundabout project. |
| 385773 | Charlottetown | 0.50 acres + duplex & outbuildings | \$500,000 | Acquired for new roundabout project. |
| 1043363 | Covehead | 3.47 acres | \$0 | Acquired as part of Maggie Lane. |
| Total | 34 Properties | 80.201 acres | \$1,500,464 | |

Property Disposals (Not RLAF) – April 1, 2019 to March 31, 2020

| Parcel | Location | Acreage | Amount | Notes |
|---------------|--------------------|----------------|---------------|---|
| 22020 | Springhill | 0.50 acres | \$800 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 644831 | Miminegash | 0.10 acres | \$250 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 261867 | Wellington Station | 0.11 acres | \$0 | Property conveyed to the La Co-operative "Le Chez Nous" Ltee. as part of a land exchange. |
| 750984 | Darnley | 0.42 acres | \$2,000 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 487850 | New Zealand | 1.00 acres | \$6,000 | Tax sale property sold as a result of being advertised on the Government website. |
| 750976 | Darnley | 0.46 acres | \$1,250 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 629113 | Bloomfield | 0.11 acres | \$200 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 655753 | Mayfield | 0.50 acres | \$6,500 | Tax sale property sold as a result of being advertised on the Government website. |
| 333443 | Mount Buchanan | 1.00 acres | \$500 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 209494 | Augustine Cove | 0.065 acres | \$0 | Property conveyed to rectify encroachment issue. |
| 618843 | St. Peters Harbour | 0.36 acres | \$500 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 96388 | South Freetown | 8.00 acres | \$0 | Conveyance to International Children's Memorial Place Ltd. |
| 96412 | South Freetown | 1.50 acres | \$0 | Conveyance to International Children's Memorial Place Ltd. |
| 96396 | South Freetown | 2.90 acres | \$0 | Conveyance to International Children's Memorial Place Ltd. |
| 886655 | Red Point | 1.03 acres | \$4,000 | Tax sale property sold by Public Tender process. |
| 211086 | Borden-Carleton | 0.37 acres | \$0 | Conveyance to Finance PEI. |
| 696336 | Glenwilliam | 0.55 acres | \$500 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 493452 | North Rustico | 0.55 acres | \$38,400 | Tax sale property sold by Public Tender process. |
| 580605 | Bloomfield | 1.95 acres | \$8,005 | Tax sale property sold by Public Tender process. |
| 158428 | Launching | 3.51 acres | \$18,501 | Tax sale property sold by Public Tender process. |
| 268615 | Baie-Egmont | 1.05 acres | \$6,000 | Tax sale property sold as a result of being advertised on the Government website. |
| 543256 | Summerville | 0.50 acres | \$4,000 | Tax sale property sold by Public Tender process. |
| 302190 | Summerside | 0.14 acres | \$11,000 | Tax sale property sold by Public Tender process. |

| Parcel | Location | Acreage | Amount | Notes |
|--------------|---------------------|---------------------|------------------|---|
| 101071 | Souris | 0.19 acres | \$5,100 | Tax sale property sold by Public Tender process. |
| 454793 | Tignish | 0.28 acres | \$3,000 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 766030 | Warren Grove | 0.31 acres | \$1,200 | Disposed of a portion of vacant land. |
| 699504 | Rock Barra | 2.40 acres | \$500 | Tax sale property sold by Public Tender process. |
| 16550 | Campbellton | 0.50 acres | \$160 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 388736 | West Royalty | 0.78 acres | \$0 | Conveyance to PEI Housing Corporation. |
| 102103 | Souris | 1.84 acres | \$0 | Conveyance to PEI Housing Corporation. |
| 24299 | Harmony | 0.50 acres | \$3,000 | Tax sale property sold to adjacent landowner by Restricted Tender. |
| 538249 | Watervale | 0.75 acres | \$0 | Conveyed to adjacent landowner. |
| 655761 | Mayfield | 0.77 acres | \$6,500 | Tax sale property sold as a result of being advertised on the Government website. |
| Total | 33 Disposals | 34.995 acres | \$127,866 | |

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 Slemon Park.

Traffic operations and sub-division development is directed by our Traffic Operations Engineer, located in the Charlottetown office. The two regions are managed by two Traffic Operations Managers, one working out of both Charlottetown and Georgetown, and one working out of Slemon Park that is also responsible for the Provincial Sign Shop in Tignish.

The design of highways and bridges is managed from the Charlottetown office, as is the project management of bridge construction and maintenance. The structural highway design and testing of construction materials is managed from the Highway Testing Laboratory in Mt. Stewart, with additional testing facilities at the Slemon Park location.

Planning within Capital Projects emphasized the need for: completing work early in the fall under favorable weather conditions; tendering the work in larger projects to improve quality control; and, the reduction of overall construction costs. The Department's emphasis is now on improvements to the Trans-Canada Highway and the continuation of dedicating more

resources to bridge replacement. The total capital highway and bridge expenditures for FY2019/2020 was approximately \$64,377,784.00. 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 42 projects completed in 2019-2020 including 11 larger projects on Route 1 and various other projects on Route 2.

The New Deals for Cities and Communities provided federal funding for 13 projects including; Route 2- Granville Street Roundabout, Hillsborough Bridge Shoreline Protection, Route 3, Georgetown Royalty and various other projects.

A new funding agreement with Infrastructure Canada was established for the construction season of 2019-2020. This project was called Investing in Canada Plan (ICIP). Under this new program, Capital Projects completed 1 project which was the North Lake Bridge Replacement. This program is for low volume roads and bridges.

Once again, the Capital Budget for Highways and Bridges was approved in the fall session of the Legislature. This enabled the Department to plan and tender contracts earlier for the coming year's road and bridge programs. This was a great benefit to the Capital Projects Division and also the P.E.I. Road Builders and Heavy Construction Association, as contractors can plan in advance for the upcoming construction season.

Highways and Bridges

Capital highway projects are administered by the two Regional Engineers. They review the deficiencies of the highway system and plan for the upcoming years using the Department's Five-Year Road Program, considering safety, traffic volumes, surface conditions, truck traffic and other departmental and public concerns relative to each project. This year the department continues to use a new Highway Pavement Management System (HPMA) to help the department create and track their 5-year road program. The selected projects are surveyed and designed with input from environment, traffic, properties, surveys, materials lab and municipal personnel, as required. The regional staff prepare cost estimates and tenders, review tenders, award contracts, administer the contract, evaluate the work, record contract quantities, prepare payments, identify deficiencies to be corrected, and approve the final product. The highway projects include those cost-shared with Infrastructure Canada through the Build Canada Fund, 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

| QUEENS COUNTY | | | | | | | | | |
|--|------|-------------------------------|-------------|-------------|-------------|-------------|-------------|-------------------|-------------------|
| Subdivision Name Location | SD # | Street Names | Length (km) | Grade (km) | Gravel (km) | Base (km) | Seal (km) | To be Sealed (km) | New Pavement (km) |
| Harlandview Sub. Phase 2 (Stratford) | 756 | Birch Woods Ln. Herbie Ln. | 0.0 | 0.0 | 0.0 | 0.0 | 0.39 | 0.0 | 0.0 |
| Maryland Sub. Phase 3 (Pleasant Grove) | 835 | Maggie Ln. | 0.67 | 0.67 | 0.67 | 0.67 | 0.0 | 0.67 | 0.67 |
| Harvest Hills Sub. Phase 3 (Cornwall) | 851 | Harold Crt. | 0.25 | 0.25 | 0.25 | 0.25 | 0.25 | 0.0 | 0.25 |
| Forest Trails Sub. Phase 2 (Stratford) | 858 | Hollis Ave. | 0.0 | 0.0 | 0.0 | 0.0 | 0.20 | 0.0 | 0.0 |
| Forest Trails Sub. Phase 3 (Stratford) | 858 | Balderston Crt. | 0.12 | 0.12 | 0.12 | 0.12 | 0.12 | 0.0 | 0.12 |
| Fulton Drive Cul-de-sac (Cornwall) | 903 | Fulton Dr. | 0.04 | 0.04 | 0.04 | 0.04 | 0.04 | 0.0 | 0.04 |
| Provincial Totals | | | 1.08 | 1.08 | 1.08 | 1.08 | 1.00 | 0.67 | 1.08 |

Schedule of Tenders Received Highways and Bridges

Route 17 – Lower Montague 2019 – April 2, 2019

Chapman Bros. Construction Ltd.

\$92,937.80

The Island Construction Ltd.

\$99,268.80

Route 332 – Green Meadows (Green Meadows Road) 2019 –April 2, 2019

Chapman Bros. Construction Ltd.

\$104,180.50

The Island Construction Ltd.

\$109,220.49

| | |
|---|-----------------------|
| <u>Route 21- Mermaid (Fort Augustus Rd) / Route 25- Stanhope (Bayshore Rd) 2019 April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$124,300.30 |
| The Island Construction Ltd. | \$133,839.30 |
| <u>Route 13- New Glasgow / Rennies Road 2019 – April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$432,197.26 |
| The Island Construction Ltd. | \$469,455.76 |
| <u>Route 12 – Grand River/ Route 163 – East Bideford (East Bideford Road) 2019- April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$136,661.80 |
| Curran & Briggs Ltd. | \$137,777.10 |
| <u>Route 124- Urbainville/Wellington 2019 – April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$464,504.00 |
| Curran & Briggs Ltd. | \$465,386.00 |
| <u>Route 142 – Knutsford (O’Leary Road) 2019- April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$82,751.20 |
| Curran & Briggs Ltd. | \$83,618.20 |
| <u>Route 1 – Stratford 2019 – April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$415,706.80 |
| The Island Construction Ltd. | \$439,463.30 |
| <u>Route 10 – Tyron/ Route 107 Wilmot Valley (Blue Shank Road) 2019 – April 2, 2019</u> | |
| Curran & Briggs Ltd. | \$167,315.80 |
| Chapman Bros. Construction Ltd. | \$170,410.80 |
| <u>Northridge Parkway Roundabout 2019 – April 2, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$2,197,460.00 |
| Island Coastal Services Ltd. | \$2,252,528.00 |
| <u>Searletown Bridge – Structure Replacement – April 2, 2019</u> | |
| Noye and Noye Ltd. | \$1,804,961.00 |
| Highfield Construction Ltd. | \$1,851,905.00 |
| Dunbar Construction Ltd. | \$2,388,714.00 |
| <u>South Freetown Bridge – Structure Replacement – April 9, 2029</u> | |
| Highfield Construction Ltd. | \$413,399.00 |
| Birt & MacKay Backhoeing Ltd. | \$441,823.41 |
| Island Coastal Services. Ltd. | \$476,933.00 |
| Ocean Work Cranes Inc. | \$589,014.00 |

Route 1 & 1A Albany/ Middleton 2019 – April 9, 2019

| | |
|-------------------------------------|---------------------|
| The Island Construction Ltd. | \$536,165.50 |
| Chapman Bros. Construction Ltd. | \$559,860.00 |
| Curran & Briggs Ltd. | \$591,614.00 |

Route 16 – Kingsboro (East Point Road) 2019 – April 9, 2019

| | |
|--|--------------------|
| Chapman Bros. Construction Ltd. | \$83,369.20 |
| Island Coastal Services Ltd. | \$89,295.95 |

Route 152- St. Louis Storm Sewer 2019 – April 9, 2019

| | |
|---|---------------------|
| Gillis' Welding & Machine Shop | \$111,549.03 |
| Curran & Briggs Ltd. | \$119,324.50 |
| Stewart Enterprises | \$126,846.54 |
| AJL Ltd. | \$143,615.50 |
| Northern Enterprises | \$150,373.50 |
| O'Mearas Heavy Equipment | \$166,190.93 |

Route 6- North Rustico 2019 – April 9, 2019

| | |
|-------------------------------------|---------------------|
| The Island Construction Ltd. | \$110,325.00 |
| Chapman Bros. Construction Ltd. | \$117,968.20 |

Route 12 & Route 131 – Grand River Roundabout 2019– April 9, 2019

| | |
|---------------------------------|---------------------|
| AJL Ltd. | \$701,344.00 |
| Chapman Bros. Construction Ltd. | \$732,946.00 |
| Curran & Briggs Ltd. | \$761,076.00 |

Route 1 – Crapaud/Victoria 2019 – April 9, 2019

| | |
|-------------------------------------|---------------------|
| The Island Construction Ltd. | \$554,016.00 |
| Chapman Bros. Construction Ltd. | \$567,981.00 |

Route 4- Murray River (Commercial Rd)/Route 18- Murray Harbour (Cape Bear Rd) 2019- April 9, 2019

| | |
|-------------------------------------|---------------------|
| The Island Construction Ltd. | \$159,727.50 |
| Chapman Bros. Construction Ltd. | \$169,068.20 |

Route 24- Grandview (Murray Harbour Rd) 2019 – April 9, 2019

| | |
|-------------------------------------|--------------------|
| The Island Construction Ltd. | \$81,177.30 |
| Chapman Bros. Construction Ltd. | \$88,013.30 |

Route 224 – New Glasgow (St. Mary's Rd.) 2019 – April 9, 2019

| | |
|-------------------------------------|--------------------|
| The Island Construction Ltd. | \$72,186.75 |
| Chapman Bros. Construction Ltd. | \$73,959.25 |

Route 12- Roxbury (Cascumpec Road) 2019 – April 9, 2019

| | |
|--|--------------------|
| Chapman Bros. Construction Ltd. | \$95,059.60 |
| Curran & Briggs Ltd. | \$97,363.20 |

Cornwall Road- Cornwall 2019 – April 16, 2019

| | |
|-------------------------------------|---------------------|
| Island Coastal Services Ltd. | \$696,248.30 |
| Chapman Bros. Construction Ltd. | \$711,722.40 |
| The Island Construction Ltd. | \$735,765.40 |
| Birt & MacKay Backoe Services | \$749,105.40 |

Route 2 – St. Peter and St. Paul Left Turn Lane & School Parking Lots 2019– April 30, 2019

| | |
|--|---------------------|
| Chapman Bros. Construction Ltd. | \$587,850.40 |
| Curran & Briggs Ltd. | \$606,665.50 |

Route 17 – Montague Main Street 2019- April 30, 2019

| | |
|--|---------------------|
| Chapman Bros. Construction Ltd. | \$155,945.00 |
| The Island Construction Ltd. | \$156,607.50 |

Mill Road – Wellington 2019 – June 20, 2019

| | |
|------------------------------|---------------------|
| AJL Ltd. | \$411,715.00 |
| Curran & Briggs Ltd. | \$429,524.00 |
| Stewart Enterprises Ltd. | \$434,348.80 |
| Island Coastal Services Ltd. | \$505,936.00 |

Route 12- Miscouche 2019 – June 20, 2019

| | |
|---------------------------------|---------------------|
| Curran & Briggs Ltd. | \$121,532.00 |
| Chapman Bros. Construction Ltd. | \$122,766.00 |

Route 1-Borden-Carleton (Left Turn Lane 2019) – June 20, 2019

| | |
|---------------------------------|---------------------|
| Curran & Briggs Ltd. | \$162,789.40 |
| Chapman Bros. Construction Ltd. | \$167,499.00 |

Park Road- Kensington 2019 – June 20, 2019

| | |
|---------------------------------|---------------------|
| Curran & Briggs Ltd. | \$123,817.50 |
| Chapman Bros. Construction Ltd. | \$136,036.00 |

Patrick Street- Montague 2019 – June 20, 2019

| | |
|--|---------------------|
| Chapman Bros. Construction Ltd. | \$189,987.00 |
| Island Coastal Services Ltd. | \$206,687.00 |
| Kings County Construction Ltd. | \$208,584.75 |

Route 356 (Collins Road) - New Perth 2019 – June 20, 2019

| | |
|--|---------------------|
| Chapman Bros. Construction Ltd. | \$513,733.10 |
| The Island Construction Ltd. | \$549,933.30 |

Route 322- Green Meadows (South) – July 18, 2019

| | |
|-------------------------------------|--------------------|
| The Island Construction Ltd. | \$90,902.00 |
| Chapman Bros. Construction Ltd. | \$91,863.28 |

| | |
|--|---------------------|
| <u>Route 4 – Commercial Cross 2019 – July 18, 2019</u> | |
| The Island Construction Ltd. | \$91,056.04 |
| Chapman Bros. Construction Ltd. | \$92,670.68 |
| <u>Route 16- Kingsboro (East) – July 18, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$124,288.68 |
| <u>Route 3- Alberry Plains 2019 – July 18, 2019</u> | |
| The Island Construction Ltd. | \$482,610.00 |
| Chapman Bros. Construction Ltd. | \$509,566.00 |
| <u>Route 2 – Springfield 2019 – July 18, 2019</u> | |
| The Island Construction Ltd. | \$520,042.50 |
| <u>Chelton Road- Chelton 2019 – July 18, 2019</u> | |
| Curran & Briggs Ltd. | \$306,649.60 |
| Chapman Bros. Construction Ltd. | \$341,610.00 |
| <u>Route 1- Charlottetown (Riverside Drive) 2019 – July 18, 2019</u> | |
| Maritime Road Recycling Inc. | \$372,833.80 |
| Industrial Cold Milling | \$416,613.80 |
| <u>Route 2 – Canavoy 2019 – July 18, 2019</u> | |
| The Island Construction Ltd. | \$518,880.20 |
| Chapman Bros. Construction Ltd. | \$524,726.00 |
| <u>Route 210- Montague/Victoria Cross- July 18, 2019</u> | |
| The Island Construction Ltd. | \$100,681.29 |
| Chapman Bros. Construction Ltd. | \$105,478.80 |
| <u>Route 3- Roseneath/Georgetown Royalty 2019- July 18, 2019</u> | |
| The Island Construction Ltd. | \$893,269.30 |
| Chapman Bros. Construction Ltd. | \$921,225.60 |
| <u>Route 4- Dundas/Albion Cross 2019 – July 18, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$453,466.00 |
| The Island Construction Ltd. | \$470,085.70 |
| <u>Ferry Terminal Parking Lot- Borden 2019 – July 25, 2019</u> | |
| Curran & Briggs Ltd. | \$48,693.00 |
| Chapman Bros. Construction Ltd. | \$69,602.50 |
| Island Coastal Services Ltd. | \$147,888.50 |
| <u>Route 2 – Charlottetown (Malpeque Road) 2019- July 25, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$285,430.00 |
| The Island Construction Ltd. | \$342,519.00 |

| | |
|---|-----------------------|
| <u>Anglo Tignish- Structure Replacement – July 30, 2019</u> | |
| Gaudette's Transit Mix Ltd. | \$387,062.00 |
| Highfield Construction Ltd. | \$440,087.00 |
| Noye and Noye Ltd. | \$449,695.00 |
| <u>Route 243- Greenvale (Millboro Road) 2019 – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$521,815.00 |
| Island Coastal Services Ltd. | \$539,280.00 |
| <u>Cape Wolf- Structure Replacement – August 29, 2019</u> | |
| Stewart Enterprises Ltd. | \$263,543.50 |
| Gillis' Welding & Machine Shop Ltd. | \$273,883.00 |
| <u>MacKinnon Drive Extension – Stratford 2019 – August 29, 2019</u> | |
| Island Coastal Services Ltd. | \$1,868,519.00 |
| <u>Route 15- Brackley 2019 – August 29, 2019</u> | |
| Island Coastal Services Ltd. | \$355,749.25 |
| <u>Route 152- Huntley 2019 – September 5, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$189,895.40 |
| Curran & Briggs Ltd. | \$197,686.40 |
| <u>Simon Drive Extension North Rustico – 2019 – September 27, 2019</u> | |
| Island Coastal Services Ltd. | \$374,866.40 |
| Curran & Briggs Ltd. | \$384,732.50 |
| Chapman Bros. Construction Ltd. | \$453,312.25 |
| <u>Route 258 -New Glasgow Bridge Structure Replacement – October 17, 2019</u> | |
| Island Coastal Services Ltd. | \$278,751.00 |
| <u>Modular Bridge Supply – January 20, 2020</u> | |
| Algonquin Bridge | \$4,603,016.50 |
| <u>2020 Bridge Timber Supply – February 11, 2020</u> | |
| Goodfellow Inc. | \$1,281,730.38 |
| Marwood Ltd. | \$1,999,334.34 |
| <u>Route 2- West Devon 2020 – February 20, 2020</u> | |
| Chapman Bros. Construction Ltd. | \$515,437.00 |
| Curran & Briggs Ltd. | \$526,409.80 |
| <u>Route 2 – Milton Station/Springvale 2020 – February 20, 2020</u> | |
| Chapman Bros. Construction Ltd. | \$900,890.00 |
| The Island Construction Ltd. | \$961,394.50 |

Cornwall Road- Cornwall 2020- February 20, 2020

The Island Construction Ltd.

\$293,331.00

Chapman Bros. Construction Ltd.

\$293,365.00

Route 3 – Georgetown Royalty 2020- February 20, 2020

Chapman Bros. Construction Ltd.

\$1,197,321.80

The Island Construction Ltd.

\$1,265,028.85

Route 1 – Mount Albion 2020 – February 20, 2020

Chapman Bros. Construction Ltd.

\$374,550.40

The Island Construction Ltd.

\$388,810.10

Route 2- Charlottetown (Malpeque Road) 2020 – February 27, 2020

The Island Construction Ltd.

\$187,733.25

Chapman Bros. Construction Ltd.

\$205,272.00

Route 21 – Mount Herbert/Mermaid 2020- February 27, 2020

The Island Construction Ltd.

\$297,411.05

Chapman Bros. Construction Ltd.

\$320,969.00

Route 22- Pisquid East/Peakes 2020 – February 27, 2020

The Island Construction Ltd.

\$414,680.50

Chapman Bros. Construction Ltd.

\$415,405.00

Gunns Bridge- Structure Replacement – February 27, 2020

Highfield Construction Ltd.

\$389,117.00

Noye and Noye Ltd.

\$484,200.00

Gaudette's Transit Mix Ltd.

\$523,040.20

Western Region – Highways and Bridges

| | Kms | Grade | Gravel Base | Asphalt RAP | Asphalt Levelling | Asphalt Base | Asphalt Seal | Recon-struction | To Be Sealed | New Pavement |
|---|-------|-------|-------------|-------------|-------------------|--------------|--------------|-----------------|--------------|--------------|
| Trans-Canada Highway Extension 2019 | 12.86 | 12.86 | 12.86 | 0 | 12.86 | 12.86 | 0 | 12.86 | 8.445 | 12.86 |
| Rte 2- Springhill | 1.5 | 0 | 0 | 0 | 1.5 | 0 | 1.5 | 0 | 0 | 0 |
| Rte 6- Oyster Bed (Portage Rd) | 1.363 | 0 | 0 | 0 | 0 | 0 | 1.363 | 0 | 0 | 0 |
| Rte 12- Central Lot 16 | 1.13 | 0 | 0 | 0 | 0 | 0 | 1.13 | 0 | 0 | 0 |
| Rte 2 & Granville Roundabout- Summerside ¹ | 2.748 | 2.748 | 2.748 | 0 | 2.748 | 2.748 | 2.748 | 2.748 | 0 | 2.748 |
| Route 101 – Kensington | 1.806 | 0 | 0 | 0 | 1.806 | 0 | 1.806 | 0 | 0 | 0 |
| Rte 124- Wellington | 0.428 | 0 | 0 | 0 | 0 | 0 | 0.428 | 0 | 0 | 0 |
| Rte 2- Hunter River / Hazel Grove | 3.306 | 0 | 0 | 0 | 3.306 | 0 | 3.306 | 0 | 0 | 0 |

| | Kms | Grade | Gravel Base | Asphalt RAP | Asphalt Levelling | Asphalt Base | Asphalt Seal | Recon-struction | To Be Sealed | New Pavement |
|---|-------|-------|-------------|-------------|-------------------|--------------|--------------|-----------------|--------------|--------------|
| Rte 2- New Annan | 1.083 | 0 | 0 | 0 | 1.083 | 0 | 1.083 | 0 | 0 | 0 |
| Rte 1- Desable Left Turning Lane | 0.481 | 0.481 | 0.481 | 0 | 0 | 0.481 | 0.481 | 0.481 | 0 | 0.481 |
| Rte 152- St Edward | 1.273 | 0 | 0 | 0 | 1.273 | 0 | 1.273 | 0 | 0 | 0 |
| Rte 124- Urbainville/Wellington | 2.477 | 0 | 0 | 0 | 2.477 | 0 | 2.477 | 0 | 0 | 0 |
| Rte 13- New Glasgow/Rennie Road | 2.331 | 0 | 0 | 0 | 2.331 | 0 | 2.331 | 0 | 0 | 0 |
| Rte 142- Knutsford (O'Leary Rd) | 1.009 | 0 | 0 | 0 | 0 | 0 | 1.009 | 0 | 0 | 0 |
| Rte 12- Grand River/Rte 163- East Bideford (East Bideford Rd) | 1.627 | 0 | 0 | 0 | 0 | 0 | 1.627 | 0 | 0 | 0 |
| Rte 10- Tryon/Rte 107- Wilmot Valley (Blue Shank Rd) | 1.883 | 0 | 0 | 0 | 0 | 0 | 1.883 | 0 | 0 | 0 |
| Rte 152- St. Louis Storm Sewer ² | 0.942 | 0 | 0 | 0 | 0 | 0 | 0 | 0.942 | 0 | 0 |
| Rte 6- North Rustico | 0.586 | 0 | 0 | 0 | 0.586 | 0 | 0.586 | 0 | 0 | 0 |
| Rte 12 & 131- Grand River Roundabout ³ | 0.889 | 0.889 | 0.889 | 0 | 0 | 0.889 | 0.889 | 0.889 | 0 | 0.889 |
| Rte 1- Crapaud/Victoria | 2.014 | 0 | 0 | 0 | 1.4 | 0 | 2.014 | 0 | 0 | 0 |
| Rte 1 & 1A Albany/Middleton | 4.872 | 0 | 0 | 0 | 0 | 0 | 4.872 | 0 | 0 | 0 |
| Rte 12-Roxbury (Cascumpec Rd) | 1.213 | 0 | 0 | 0 | 0 | 0 | 1.213 | 0 | 0 | 0 |
| Cornwall Road-Cornwall ⁴ | 1.257 | 1.257 | 1.257 | 0 | 0 | 1.257 | 1.257 | 1.257 | 0 | 1.257 |
| Rte 2- St Peter & St Paul Left Turn Lane & School Parking Lots ⁵ | 0.524 | 0 | 0 | 0 | 0.524 | 0 | 0.524 | 0 | 0 | 0 |
| Park Road-Kensington | 0.53 | 0 | 0 | 0 | 0.53 | 0 | 0.53 | 0 | 0 | 0 |
| Rte 12- Miscouche | 0.438 | 0 | 0 | 0 | 0 | 0 | 0.438 | 0 | 0 | 0 |
| Rte 1- Borden / Carleton Left Turn Lane (Old Train Station Road 2019 | 0.884 | 0 | 0 | 0 | 0.884 | 0 | 0.884 | 0 | 0 | 0 |
| Mill Road- Wellington Storm Sewer 2019 ⁶ | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0.5 | 0 | 0 |
| Chelton Road-Chelton ⁷ | 0.235 | 0.235 | 0.235 | 0 | 0 | 0.235 | 0.235 | 0.235 | 0 | 0.235 |
| Route 2- Springfield | 1.225 | 0 | 0 | 0 | 1.225 | 0 | 1.225 | 0 | 0 | 0 |
| Route 2- Charlottetown (Malpeque Road) | 1.262 | 0 | 0 | 0 | 0.6 | 0 | 1.262 | 0 | 0 | 0 |
| Route 243- Greenvale (Millboro) ⁸ | 0.84 | 0.84 | 0.84 | 0 | 0 | 0.84 | 0.84 | 0.84 | 0 | 0.84 |

| | Kms | Grade | Gravel Base | Asphalt RAP | Asphalt Levelling | Asphalt Base | Asphalt Seal | Recon-struction | To Be Sealed | New Pavement |
|--|---------------|---------------|---------------|-------------|-------------------|---------------|---------------|-----------------|--------------|---------------|
| Route 224- New Glasgow (St. Mary's Road) | 1.199 | 0 | 0 | 0 | 0 | 0 | 1.199 | 0 | 0 | 0 |
| Simon Drive - North Rustico ⁹ | 0.586 | 0.586 | 0.586 | 0 | 0 | 0.586 | 0.586 | 0.586 | 0 | 0.586 |
| Route 152- Huntley 2019 | 1.255 | 0 | 0 | 0 | 0 | 0 | 1.255 | 0 | 0 | 0 |
| Western Region Totals | 58.556 | 19.896 | 19.896 | 0 | 35.133 | 19.896 | 44.254 | 21.338 | 8.445 | 19.896 |

Notes:

1. Roundabout. Involved installing concrete box culvert, storm sewer, catch basins, concrete curb and gutter, medians and aprons.
2. Involved excavation of a ditch, installation catch basins and storm sewer.
3. Roundabout. Includes storm sewer, asphalt drainage swale, concrete curb and gutter, medians and aprons.
4. Intersection realignment. Includes storm sewer and sidewalk work.
5. Repair and expansion of Westisle and M.E. Callaghan school parking lots.
6. Installation of catch basins and storm sewer. No work on roadway.
7. Includes storm sewer and creating drainage swale.
8. Installation of storm sewer.
9. Installation of storm sewer.

Eastern Region – Highways and Bridges

| | km | Grade | Gravel Base | Asphalt RAP | Asphalt Levelling | Asphalt Base | Asphalt Seal | Recon-struction | To Be Sealed | New Pavement |
|---|--------------|-------------|-------------|-------------|-------------------|--------------|--------------|-----------------|--------------|--------------|
| Route 1 – Charlottetown | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 0.00 | 0.00 |
| Route 1 - Charlottetown Bypass | 0.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.50 | 0.00 | 0.00 | 0.00 |
| Route 1 - Flat River | 1.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| Route 1 - Stratford ¹ | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 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 5 - Baldwin's Road | 1.20 | 0.00 | 0.00 | 0.00 | 1.20 | 0.00 | 1.20 | 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 17 - Lower Montague | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| Route 18 - Murray Harbour ² | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| Route 21 – Mermaid | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| Route 24 - Lyndale - Kinross ³ | 1.50 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.50 | 0.00 | 0.00 | 0.00 |
| Route 322 - Morell - Green Meadows | 1.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 1.00 | 0.00 | 0.00 | 0.00 |
| Fraser St North – Montague | 0.15 | 0.15 | 0.15 | 0.00 | 0.00 | 0.15 | 0.15 | 0.00 | 0.00 | 0.00 |
| Fraser St South – Montague | 0.40 | 0.40 | 0.40 | 0.00 | 0.00 | 0.40 | 0.40 | 0.00 | 0.00 | 0.00 |
| Eastern Region Totals | 12.05 | 0.55 | 0.55 | 0.00 | 2.20 | 0.55 | 12.05 | 0.00 | 0.00 | 0.00 |

Notes:

1. Route 1 Stratford: Roundabout construction began in 2018, no portions were completed in 2018
2. Route 18 Murray Harbour was a HIR project, length was placed under the seal column
3. Route 24 Lyndale - Kinross was a HIR project, length was placed under the seal column

Materials and Soils Section**Asphaltic Concrete**

A total of seven asphalt mix plants were engaged in the production of asphaltic concrete. All of the mix was produced from drum mix plants. A total of 272,451.29 tonnes of asphaltic concrete was produced in 2019. This included binder course, surface course, levelling course and maintenance mixes. Daily inspection was carried out at each of the seven plants to control the quality of the mix produced. A total of 600 asphalt mix samples were collected and analyzed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 454.09 tonnes of asphalt mix produced. A total of 372 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 | 521 |
| Sieve Analysis Extractions | 617 |
| Specific Gravity | 55 |
| Soundness | 13 |
| Abrasion | 12 |
| Crush Count | 11 |
| Sand Equivalent | 11 |
| Flat & Elongated Particles | 9 |
| Uncompacted Voids Fine Agg Aggregate | 5 |
| Micro-Deval | 22 |

In addition, 17 Marshall mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, 23 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 58S-28, and Polymer Modified 58H-28 asphalt cement. A total of 8 samples were tested.

| Type of Test | Number of Tests |
|------------------|-----------------|
| Specific Gravity | 6 |
| 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 323 samples were processed during the year.

| Type of Test | Number of Tests |
|------------------|-----------------|
| Sieve Analysis | 323 |
| Moisture-Density | 38 |
| Compaction Test | 1,676 |
| Specific Gravity | 10 |

Ice Control

Materials Lab staff provide 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 301 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 105 samples were obtained from sixteen different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 7 atterberg limit tests, 7 hydrometer analysis and 13 organic indicator tests were also completed.

Concrete

Testing and inspection services were provided for the following Projects:

- Northridge Parkway Roundabout
- Route 2 & Grandville Street Roundabout
- Route 1 – Stratford Roundabout C/O
- Trans-Canada Highway Extension
- Cornwall Road - Cornwall
- TCH Extension C/O
- Route 15 – Brackley
- Clyde River Interchange Structure – TCH Extension
- Baltic Road Arch Structure-TCH Extension
- South Freetown Bridge – Structure Replacement
- North Lake Bridge Structure Replacement
- Route 12 & 131 Grand River Roundabout
- Searletown Bridge – Structure Replacement
- Clyde River – Bridge Crossing TCH Extension C/O
- Anglo Tignish Bridge – Structure Replacement
- Bannockburn Road Overpass – TCH Extension

A total of 500 concrete test cylinders were tested for compressive strength. A total of 487 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 10, Searletown (P4-048) | Structure Replacement and asphalt |
| Rte 109, South Freetown (P4-018) | Structure Replacement and asphalt |
| Rte 4, Wood Islands (Q4-010) | Structure Replacement and asphalt |
| Rte 12, Anglo Tignish (P1-021) | Design, tender, Structure Replacement and asphalt |
| Rte 258, New Glasgow (Q2-021) | Design, tender, Structure Replacement and asphalt |
| Maint Rte 60387, North Lake (K1-043) | Design, tender, and Structure Replacement |
| Rte 14, Cape Wolfe (P2-081) | Geotechnical investigation, topo survey, design, tender, Structure Replacement and asphalt |
| Rte 2, West Devon (P2-046) | Geotechnical investigation, topo survey |
| Rte 12, Ellerslie (P2-016) | Geotechnical investigation, topo survey |
| Rte 6, Oyster Bed (Q2-018) | Geotechnical investigation, topo survey |
| Rte 2, St Peters Rd (Q5-001) | Geotechnical investigation, topo survey |
| Rte 2, Morell (K2-015) | Geotechnical investigation, topo survey |
| Rte 2, Hunter River (Q2-014) | Geotechnical investigation, topo survey |
| Rte 13, Crapaud (Q1-052) | Geotechnical investigation, topo survey |
| Rte 6, Bayview (Q1-002) Rte 12, Anglo Tignish (P1-021) Geotechnical investigation, topo survey | Geotechnical investigation, topo survey |
| Rte 4, Little Sands (Q4-012) Rte 12, Anglo Tignish (P1-021) Geotechnical investigation, topo survey | Geotechnical investigation, topo survey |
| Rte 313, Southampton (K2-019) | Geotechnical investigation, topo survey |
| Rte 113, Emerald (P4-017) | Geotechnical investigation, topo survey |
| Rte 13, New Glasgow (no ID) | Geotechnical investigation, topo survey |
| Rte 1, Seal River (Q4-041) | Geotechnical investigation, topo survey |
| Rte 1, Orwell, (Q4-031) | Geotechnical investigation, topo survey |
| Maint Rte 502060, Old Post Rd (Q1-049) | Geotechnical investigation, topo survey |
| Rte 12, Kildare Capes (P1-039) | Geotechnical investigation, topo survey |
| Rte 240, Gunns (Q1-030) | Geotechnical investigation, topo survey, design, tender |
| Maint Rte 40268, St Roch (P1-078) | Design and tender |

Pre-cast Structure Purchase

The Department received into inventory 1 - 15.2M span precast concrete frame: 27 of 39 units.

Timber Material Purchase

The Department did not procure any timber elements.

Bridge Inspections and Bridge Management

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

Bridge Maintenance

The Bridge Maintenance Section is responsible for the ongoing maintenance of approximately 1,300 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 T.I.E. surveyors
- pre-tender estimates, and post-construction quantities.
- road design assistance for several in-hose bridge replacement projects.

In addition, on multiple projects, the design section worked in liaison with private sector consultant design teams on preliminary planning and design, design revisions and aiding in delivering construction layout information to 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 and facilitating the delivery of construction design information from the consultant to TIE as well as in-house design revisions for construction• Trans-Canada Highway Extension Phase 2A - Cornwall to Clyde River: in-house design revisions for construction for main highway alignment, Clyde River interchange, and the North River Intersection approach and ramp.• DeSable – Left turn lane onto Old Tryon Rd and new commercial access – final design• Crapaud – Left turn lane into Englewood school – preliminary and final design |
| Route 2 | <ul style="list-style-type: none">• Profits Corner – Left turn lane into ME Callahan School – preliminary and final design• St. Peter's Road – TCH intersection - Coordination with consultant on preliminary planning• Granville Street Roundabout - Design coordination with consultant during construction and facilitating the delivery of construction design information from the consultant to TIE• Northridge Roundabout - Design coordination with consultant during construction and facilitating the delivery of construction design information from the consultant to TIE• East Royalty Roundabouts – preliminary planning |
| Route 15 | <ul style="list-style-type: none">• Brackley – Active transportation trail drainage improvements – final design |
| Route 24 and 315 | <ul style="list-style-type: none">• Caledonia Rural Roundabout - preliminary design |

| Route | Area of Design Work Done |
|---------------|--|
| Route 26 | <ul style="list-style-type: none"> Keppoch Road & Georgetown Road - additional intersection realignment options |
| Route 243 | <ul style="list-style-type: none"> Millboro Rd – Realignment – preliminary and final design |
| Miscellaneous | <ul style="list-style-type: none"> Cornwall Heatherway Drive Realignment and Storm Sewer - final design North Tryon – Access road realignment – preliminary and final design Stratford – Stratford Rd – Glen Stewart Drive roundabout - Coordination with consultant on preliminary planning Cornwall – Mercedes Drive Extension – final design Stratford - MacKinnon Dr Extension - Design coordination with consultant Chelton – Chelton Rd realignment – preliminary and final design Wellington – Mill Rd storm sewer – final design Cornwall – Terry Fox Drive - New access to Eliot River School – preliminary and final design Montague Patrick Street Storm Sewer – preliminary and final design Stratford Road – Glen Stewart Drive – preliminary design coordination with consultant Ross Corner – Cul de sac design Hazelbrook and Crapaud pipe layout design Walker Rd – Cul de sac design Scotchfort – New road – preliminary design Fox Meadow Drainage – additional design Vertical profiles and sight distance checks at various existing and proposed access locations Sand Pile Volume Calculations Post-Construction excavation volumes and other quantity calculations for various 2019 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 Operations

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 5 new signs manufactured for new clients and 8 signs that were damaged or faded were replaced. There were 3 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, 50 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 intersection 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 Stratford to improve the safety at the Glen Stewart and MacKinnon road extension intersection. Lighting was installed on the new Cornwall Perimeter highway and at the interchanges on the Cornwall Road.

Flashing beacons and lighted barricades were used for detours and in advance of some major highway construction projects. They were also used on variable message boards to inform the travelling public of impending delays and construction.

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 regarding 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 27 new signs manufactured for new clients also

15 replaced due to faded or damaged. There were also 17 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 260 km of highway. Center line and shoulders were applied for 35 km of new construction plus 39 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. New LED highway lighting was installed at the new roundabout constructed at the intersections of Route 2 and Granville Street and the new and improved intersection at Central Street in Summerside, in addition to the new roundabout in Grand River. 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 | 70 | 69 |
| Extruded signage | 9 | 25 | 0 |
| Public Road Names | 145 | 73 | 93 |
| Private Road Names | 58 | 21 | 31 |
| Regulation and Warning | 1,023 | 405 | 180 |
| Route Assemblies | 44 | 26 | 58 |
| Community | 44 | 16 | 34 |
| HISS | 40 | 59 | 0 |
| Construction | 73 | 10 | 112 |
| Subtotal | 1,485 | 705 | 577 |

Un-invoiced Signage within Department:

| | |
|--|--------------|
| Signs sent to Charlottetown Stock | 1473 |
| Construction Signs sent to Charlottetown Stock | 549 |
| Specialty Signs within Department | 738 |
| Body Shop Decal | 116 |
| Public Works Name Plates | 317 |
| Public Works Other Signage | 97 |
| Subtotal | 3,290 |

Invoiced Signage:

| | |
|---|--------------|
| Other Departments | 497 |
| Public Works signs (and smaller vinyl stickers) | 42 |
| TIE Maintenance | 9 |
| Confederation Trail | 361 |
| Municipalities | 263 |
| Construction | 130 |
| Other Companies | 5 |
| Subtotal | 1,307 |

| | |
|-------------------|--------------|
| Prince County | 1,485 |
| Queens County | 705 |
| Kings County | 577 |
| Un-invoiced signs | 3,290 |
| Invoiced signs | 1,307 |
| Total | 7,364 |

Mapping and Geographic Information System (GIS-T)

In the fiscal year of 2019/20, the Mapping and GIS-T section was involved in several on-going and new initiatives. There was two staff members assigned to work in this area during this reporting time.

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

Work continued in support of the department's highway pavement management system. Pavement roughness data for 2019 was formatted for incorporation into the system as well as 2018 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, pavement conditions for the survey were field recorded using a cloud-based web map application accessible with a mobile phone. With the application, the field recorder was able to enter the data and visually see on the device the extents of new paving as well as transition points of previously surveyed road sections. The field data was then further formatted in the office before being made available as part of the pavement management system.

An enterprise licence for our GIS software became available this year. With this licence, a government level portal was established which then necessitated that the previously created mapping applications within the existing department level portal be re-created in order to be moved to the new portal. This process continues and will eventually fully integrate the department's data with GIS data across government.

Work carried over to complete the roadway signs, lighting and signals inventory project. The summer students finished mapping the remaining features and then a comprehensive review of the data was conducted; and a presentation platform referred to as a dashboard was created.

The collection of data for small culverts was improved with the development and use of a cell phone mapping application. Currently guard rails and small culverts assets are being field mapped this way as well as signs in one work zone as a trial.

Services of the GIS section were used to assist in a project from outside the department to determine levels of internet service across the island. Data was gathered, queries were performed, and numerous maps were made at the province and district levels. This is an ongoing and evolving project where the capabilities of GIS are vital to goals of the outcome.

An Active Transportation working group was formed this year in which the GIS section is a part of. Funding will be made available for several years for groups and local government to access for AT projects. GIS will be used to map projects, display and share relevant data and help in the coordinating process. As part of this initiative the sport and culture data layer that had been previously created was updated and improved by adding an inventory of municipal parks.

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 Inc. 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 |
|--------|--|-------------------------|---------------------|
| Soleno | | | \$2,037,603.60 |

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

| Pipe Diameter | Central Region | Western Region | Eastern Region |
|-------------------------|-----------------------|-----------------------|-----------------------|
| Corrugated Steel | (Meters) | (Meters) | (Meters) |
| 300 mm | 2.13 | 0 | 0 |
| 400 mm | 0 | 0 | 0 |
| 500 mm | 0 | 1.5 | 0 |
| 600 mm | 0 | 0 | 2 |
| 800 mm | 3.05 | 0 | 0 |
| 900 mm | 6.1 | 0 | 0 |
| 1200 mm | 0 | 0 | 0 |
| Total | 11.28 | 1.5 | 2 |
| Polyethylene | (Meters) | (Meters) | (Meters) |
| 300 mm | 54.86 | 28.3 | 50 |
| 375 mm | 1,600.5 | 1,371.4 | 620 |
| 450 mm | 1,336.55 | 1,605.8 | 931 |
| 525 mm | 400.81 | 0 | 76 |
| 600 mm | 487.68 | 1093.5 | 572 |
| 750 mm | 173.74 | 280.7 | 46 |
| 900 mm | 121.92 | 164.6 | 29 |
| 1200 mm | 54.86 | 0 | 0 |
| 1500 mm | 0 | 0 | 0 |
| Total | 4,230.92 | 4,544.3 | 2,324 |

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 | 1,620.01 | 1,190.5 | 825 |
| Replacement | 2,127.5 | 2,696 | 1,058 |
| Extension | 61.27 | 80.5 | 52 |
| Cross Culvert | 387.1 | 527.2 | 312 |
| Confederation Trail | 35.05 | 79.2 | 0 |
| Water Problems | 0 | 0 | 0 |
| Relocate | 0 | 0 | 83 |
| Total | 4,230.93 | 4,573.4 | 2,330 |

*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 cracks in the paved highway system in order to prevent water from entering the substructure. In 2019 - 2020, the Department sealed approximately 51,780 meters of cracks, using a total of 18,700 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 1 half-day workshops to 1-week sessions. The objective of these sessions is to improve awareness of safe and productive work practices.

Confederation Trail

| | |
|--------------------------------------|-----------------------------------|
| Brush Cutting | 187.92 km or 187,920 meters) |
| Culvert Replacement | 72.5 meters |
| Vegetation Control | 444 km |
| Ditching | 300 meters |
| Storm Clean-up | 440 km |
| Groom and Roll | 65.18 km (65,180 meters) Repaired |
| Groom and Resurface & add new gravel | 11,400 meters (11.4 km) |

Schedule of Highway Tenders Received

Route 10 Tryon/ Route 107 Wilmot Valley – April 2, 2019

Curran & Briggs Ltd.

\$187,315.80

Chapman Bros Construction Ltd.

\$170,410.80

Route 12 Grand River/ Route 163 East Bideford – April 2, 2019

Chapman Bros. Construction Ltd.

\$136,661.80

Curran & Briggs Ltd.

\$137,777.10

Route 142 – Knutsford (O’Leary Road) - April 2, 2019

Chapman Bros. Construction Ltd.

\$82,751.28

Curran & Briggs Ltd.

\$83,618.20

Route 17 – Lower Montague – April 2, 2019

Chapman Bros. Construction Ltd.

\$92,937.80

The Island Construction Ltd.

\$99,268.80

Route 322- Green Meadows – April 2, 2019

Chapman Bros. Construction Ltd.

\$104,180.50

The Island Construction Ltd.

\$109,220.49

Route 21 Mermaid (Fort Augustus Rd)/ Route 25 Stanhope (Bayshore Rd) - April 2, 2019

Chapman Bros. Construction Ltd.

\$124,300.30

The Island Construction Ltd.

\$133,839.30

Route 224 New Glasgow (St Mary’s Rd) – April 9, 2019

The Island Construction Ltd.

\$72,186.75

Chapman Bros. Construction Ltd.

\$73,959.25

Route 12 – Roxbury (Cascumpec Rd) – April 9, 2019

Chapman Bros. Construction Ltd.

\$95,059.60

Curran & Briggs Ltd.

\$97,363.20

Route 16 – Kingsboro (East Point Rd) – April 9, 2019

Chapman Bros. Construction Ltd.

\$83,369.20

The Island Construction Ltd.

\$89,295.95

Route 4-Murray River (Commercial Rd) Route 18-Murray Harbour (Cape Bear Rd) April 9, 2019

The Island Construction Ltd.

\$159,727.50

Chapman Bros. Construction Ltd.

\$159,068.20

| | |
|--|---------------------|
| <u>Route 24 – Grandview (Murray Harbour Rd) – April 9, 2019</u> | |
| The Island Construction Ltd. | \$81,177.30 |
| Chapman Bros. Construction Ltd. | \$88,013.30 |
| <u>Project #1 Asphalt Recap (Primrose Rd, Cable Head Rd, Clay Rd) – April 30, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$234,830.50 |
| The Island Construction Ltd. | \$259,170.70 |
| <u>Project #2 Asphalt Recap (Barkley Ave, Keppoch, Stratford, Kinlock & Pownal Rds) April 30, 2019</u> | |
| The Island Construction Ltd. | \$299,115.80 |
| Chapman Bros. Construction Ltd. | \$313,219.70 |
| <u>Project #3 Asphalt Recap (Rattenbury Rd, Grahams Rd) – April 30, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$146,185.00 |
| Curran & Briggs Ltd. | \$156,865.00 |
| The Island Construction Ltd. | \$159,246.50 |
| <u>Project #4 Asphalt Recap (St. Gilbert & Cassie Rds, Rte 11 Abrams Village, Rte 11 Union Corner) – April 30, 2019</u> | |
| Curran & Briggs Ltd. | \$274,723.60 |
| Chapman Bros. Construction Ltd. | \$282,757.00 |
| <u>Project #5 Asphalt Recap (Mill River East Rd, Rte 14 Campbellton, Fortune Cove Rd - April 30, 2019</u> | |
| Chapman Bros Construction Ltd. | \$251,104.90 |
| Curran & Briggs Ltd. | \$253,372.40 |
| <u>Project #6 Asphalt Recap (Wood Islands Rd, Greenfield Rd, Garfield Rd) – May 7, 2019</u> | |
| The Island Construction Ltd. | \$219,090.60 |
| Chapman Bros. Construction Ltd. | \$239,287.00 |
| <u>Project #7 Asphalt Recap (Lower Marshfield & Buell Rds, Matwood Dr, Birkcallum Dr.- May 7, 2019</u> | |
| The Island Construction Ltd. | \$247,461.55 |
| Chapman Bros. Construction Ltd. | \$252,304.90 |
| <u>Project #8 Asphalt Recap (Dixon Rd, Pleasant St, Freetown Rd) – May 7, 2019</u> | |
| Curran & Briggs Ltd. | \$194,754.00 |
| Chapman Bros. Construction Ltd. | \$205,740.80 |
| <u>Project #9 Asphalt Recap (Sunnyside Rd, Green Park Rd, Allen Rd, Reeves Rd) – May 7, 2019</u> | |
| Curran & Briggs Ltd. | |
| Chapman Bros. Construction Ltd. | \$202,949.00 |
| | \$206,049.50 |
| <u>Project #10 Asphalt Recap (Enman Shore Rd, Beaton Rd, Ellis Ave, Buchanan Rd) – May 7, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$169,930.40 |
| Curran & Briggs Ltd. | \$172,321.00 |
| <u>Project #11 Asphalt Recap (Rte 14 St. Lawrence, Back Settlement Rd, Rte 14 Waterford, Cemetery Rd, Thompson Rd) – May 7, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$156,423.70 |
| <u>Project #12 Asphalt Recap (Bear River Rd, Northside Rd) – June 20, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$144,895.60 |

| | |
|---|---------------------|
| <u>Project #14 Asphalt Recap (Martinvale Rd, Egan St, Blooming Point Rd) – June 20, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$136,171.00 |
| The Island Construction Ltd. | \$148,943.25 |
| <u>Project #15 Asphalt Recap (Millboro Rd, Church Rd, Simpson Mill Rd) – June 20, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$153,355.00 |
| The Island Construction Ltd. | \$160,748.50 |
| <u>Project #17 Asphalt Recap (Green Rd, Bonshaw Rd) – June 20, 2019</u> | |
| The Island Construction Ltd. | \$188,427.90 |
| Chapman Bros. Construction Ltd. | \$190,235.40 |
| <u>Project #19 Asphalt Recap (Baltic Rd, Lower Darnley Rd, County Line Rd) – June 20, 2019</u> | |
| Curran & Briggs Ltd. | \$254,510.90 |
| Chapman Bros. Construction Ltd. | \$259,168.50 |
| <u>Project #13 Asphalt Recap (Brothers Rd, Monaghan Rd, 48 Rd) – July 18, 2019</u> | |
| The Island Construction Ltd. | \$220,233.18 |
| Chapman Bros. Construction Ltd. | \$229,378.40 |
| <u>Project #16 Asphalt Recap (Meadowbank Rd, John St, Lowther Dr, Kingston Rd) – July 18, 2019</u> | |
| The Island Construction Ltd. | \$286,767.70 |
| Chapman Bros. Construction Ltd. | \$291,913.20 |
| <u>Project #18 Asphalt Recap (Branch Rd, Chelton Rd, Searletown Rd) – July 18, 2019</u> | |
| Curran & Briggs Ltd. | \$214,458.70 |
| Chapman Bros. Construction Ltd. | \$216,296.20 |
| <u>Project #20 Asphalt Recap (Nineteen Rd) – July 18, 2019</u> | |
| Curran & Briggs Ltd. | \$171,473.70 |
| Chapman Bros. Construction Ltd. | \$175,274.20 |
| <u>Project #21 Asphalt Recap (Creekside Dr, Red House Rd, Rte 335 St. Catherine's Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$150,538.80 |
| <u>Project #23 Asphalt Recap (Brothers Rd, South Montague Rd, Dalmaney Rd, Beech Hill Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$198,034.40 |
| The Island Construction Ltd. | \$199,316.15 |
| <u>Project #24 Asphalt Recap (Greys Rd, Machon Point Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$151,422.80 |
| The Island Construction Ltd. | \$165,584.80 |
| <u>Project #25 Asphalt Recap (Cairns Rd, Perry Rd, Windon Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$160,607.90 |
| The Island Construction Ltd. | \$185,945.55 |
| <u>Project #28 Asphalt Recap (Hopedale Rd, Bungay Rd, Little Bungay Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$257,118.00 |
| The Island Construction Ltd. | \$287,711.20 |
| <u>Project #30 Asphalt Recap (Lead Mill Rd, Bedeque Rink Rd, Rte 112 Bedeque, Maple Plains Rd, Dunk River Rd) – August 29, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$333,700.50 |
| Curran & Briggs Ltd. | \$339,063.50 |

| | |
|---|---------------------|
| <u>Project #22 Asphalt Recap (Shore Rd, Chapel Rd, Morrisons Beach Rd) – September 5, 2019</u> | |
| Curran & Briggs Ltd. | \$246,658.60 |
| Chapman Bros. Construction Ltd. | \$256,625.60 |
| <u>Project #26 Asphalt Recap (Bangor Rd, Millburn Rd) – September 5, 2019</u> | |
| The Island Construction Ltd. | \$242,762.70 |
| Chapman Bros. Construction Ltd. | \$244,156.00 |
| <u>Project #27 Asphalt Recap (Bethel Rd, Waterside Rd, Peakes Rd, Robertson Rd) – September 5, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$333,700.50 |
| Curran & Briggs Ltd. | \$339,063.50 |
| <u>Project #29 Asphalt Recap (Smith Rd, Trout River Rd) – September 5, 2019</u> | |
| Chapman Bros. Construction Ltd. | \$82,760.20 |
| <u>Pickering Road – September 5, 2019</u> | |
| Curran & Briggs Ltd. | \$109,099.60 |
| Chapman Bros. Construction Ltd. | \$116,662.80 |
| <u>Crapaud Pipe Bore – September 5, 2019</u> | |
| JC Drilling | \$74,688.00 |
| AVL Construction Group Inc | \$194,808.00 |
| <u>Hazelbrook Pipe Bores – September 5, 2019</u> | |
| JC Drilling | \$120,752.12 |
| AVL Construction Group Inc | \$231,847.80 |
| <u>Route 5 – 48 Rd & Route 322 Green Meadows Rd – February 20, 2020</u> | |
| Chapman Bros. Construction Ltd. | \$141,317.90 |
| The Island Construction Ltd. | \$151,932.50 |
| <u>Route 12 - Roxbury (Cascumpec Rd) – February 20, 2020</u> | |
| Chapman Bros. Construction Ltd. | \$167,588.20 |
| Curran & Briggs Ltd. | \$170,472.80 |
| <u>Route 19 – New Dominion – February 27, 2020</u> | |
| The Island Construction Ltd. | \$130,607.30 |
| Chapman Bros. Construction Ltd. | \$141,750.00 |
| <u>Route 21 – Fort Augustus Rd & Route 24 - Murray Harbour Rd – February 27, 2020</u> | |
| The Island Construction Ltd. | \$220,404.70 |
| Chapman Bros. Construction Ltd. | \$231,382.70 |

Maintenance Activities

EASTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of **28,712.84** 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 **3,393.54** tonnes. Private contractors supplied/placed **25,319.30** tonnes of asphalt over **34.08** kilometres.

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

| Supplier | Tonnes |
|---------------------|-----------|
| Island Construction | 5,917.41 |
| Chapman Brothers | 19,401.89 |

Resurfacing

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

Kings Zone K-1

Kings Zone K-2

| Road Name | Kilometres | | Road Name | Kilometres |
|------------------------------------|-------------|--|--|-------------|
| Rte 16 - Kingsboro (East Point Rd) | 1.10 | | Rte 332 - Green Meadows (Green Meadows Rd) | 1.00 |
| Rte 307 - Bear River Rd | 0.70 | | Rte 336 - Cable Head West | 0.95 |
| Rte 16 - North Side Rd | 1.10 | | Bangor Rd | 1.00 |
| Red House Rd | 1.00 | | Milburn Rd | 1.00 |
| Creekside Dr | 0.29 | | Cairns Rd | 0.48 |
| St. Catherine's Rd | 0.65 | | Perry Rd | 0.38 |
| Rte 16 - Kingsboro North | 1.30 | | Windon Rd | 1.25 |
| Total Km | 6.14 | | Total Km | 6.06 |

Kings Zone K-3

Kings Zone K-4

| Road Name | Kilometres | | Road Name | Kilometres |
|-------------------------|------------|--|--|------------|
| Rte 320 - Greenfield Rd | 1.00 | | Rte 4 - Murray River (Commercial Rd) | 1.00 |
| Dalmaney Rd | 0.43 | | Rte 18 - Murray Harbour (Cape Bear Rd) | 0.60 |
| South Montague Rd | 0.76 | | Machons Point Rd | 1.00 |
| Rte 328 - Clay Rd | 0.80 | | Greys Rd | 1.04 |
| Rte 311 - Primrose Rd | 1.60 | | Rte 17 - Lower Montague | 1.10 |
| Rte 320 - Brothers Rd | 1.10 | | Rte 315 - Wood Island Rd | 1.10 |
| Rte 321 - Martinvale Rd | 0.50 | | Rte 4 - Commercial Cross Rd South | 1.00 |
| Peakes Rd | 1.03 | | Rte 4 - Commercial Cross Rd | 1.00 |

| Road Name | Kilometres | | Road Name | Kilometres |
|-------------------|--------------|--|-----------------|-------------|
| Shore Rd | 0.56 | | | |
| Chappell Rd | 0.57 | | | |
| Chappell Rd | 0.58 | | | |
| East Royalty Rd | 0.70 | | | |
| Morrison Beach Rd | 0.84 | | | |
| Brothers Rd | 1.10 | | | |
| Cardigan Rd | 1.47 | | | |
| Total Km | 13.04 | | Total Km | 7.84 |

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately **641.9** kilometres were cut. The Division also used a mechanical brush chipper to eliminate the need to haul away the slash.

Road Maintenance

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

| SANDSTONE (t) | GRAVEL (t) | ROCK (t) |
|---------------|------------|----------|
| 7,423.5 | 9,191.06 | 209.0 |

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, several 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 **1 338** kilometres throughout the Eastern Region.

Shoulder Material

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

Dust Control

Maintenance crews used **216** 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 tables below 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) |
|----------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|----------------------|
| Bear River | | | | 0.70 | | | |
| Bear Shore | | | | | 0.06unp | | |
| Big Pond | 0.035 | | | | 0.05unp | | 0.05 |
| Bothwell (East Rd) | | | | | 0.10p | | |
| Bull Creek S | | | | | | | 4.00 |
| East Road (Chepstow) | | | | | 0.05p | | |
| East Tarantum | | | 0.01 | | | | |
| Fountain Head | | | 0.10 | | | | 0.03 |
| Glen | | 0.109 | | | | | |
| Gowanbrae | | | | | | | 0.04 |
| Greenvale | | | 0.015 | | | | |
| Heritage | | | | | | | 0.50 |
| John Dan Chaisson | | 0.05 | 0.02 | | | | |
| Johnston | | | | | | | 0.20 |
| Kitson | | 0.10 | | | | | |
| Line of the Lot | | | | | 0.025p | | |
| Middle Tarantum | | | 0.46 | | | | |
| New Harmony | | | | 0.70 | | | 0.03 |
| Paddy | | | 0.01 | | | | |
| Park | | 0.30 | 0.10 | | | | |
| Rollo Bay (Rte 2) | | | | | | | |
| Souris Line | 0.015 | | | | | | |
| St Charles | | | | | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|---------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|----------------------|
| West Tarantum | | | | | | | 0.620 |
| Total | 0.050 | 0.559 | 0.750 | 1.400 | 0.285 | 0.000 | 5.470 |

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) |
|----------------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Anderson | | 0.10 | 0.03 | | | | |
| Bangor | | 0.10 | | | | | |
| Barr | 0.25 | | 0.02 | | | | |
| Barry | | 0.02 | 0.05 | | | | |
| Bennett | | 0.02 | 0.04 | | | | |
| Byrnes Road | 0.01 | | | | | | |
| Cable Head West | | 0.02 | | | | | |
| Cairns Road | | 0.45 | | | | | |
| Canavoy | | 0.60 | 0.05 | | | | 0.40 |
| Cardigan Road | | 0.02 | | | | | |
| Cherry Hill Road | | 0.04 | | | | | |
| Church Road | 0.01 | 0.05 | | | | | |
| Crank Road | | | 0.05 | | | | |
| Curtis Road | | 0.05 | 0.06 | | | | |
| Douglas Station | | 0.04 | | | | | |
| Dundee Loop | | 0.02 | 0.03 | | | | |
| Fanning Brook | | 0.02 | | | | | |
| Farmington (Rte 2) | | 0.025 | | | | | |
| Five Houses | | 0.20 | | | | | 0.06 |
| Gill Road | | 0.02 | | | | | |
| Goose River Road | | 0.06 | 0.03 | | | | |
| Green Meadows | | 0.03 | | | | | |
| Greenwich Road | | | 0.04 | | | | |
| Head of Hillsborough | 0.04 | | | | | | |
| Kenny Road | 0.10 | 0.07 | | | | | |
| Klondike | | | 0.10 | | | | |
| Lakeside Road | | 0.03 | 0.02 | | | | |
| Lighthouse Road | | | 0.05 | | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|---------------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| MacAdam Road | | 0.05 | 0.05 | | | | |
| MacEwen | | 0.04 | | | | | |
| MacKay Road | | 0.06 | | | | | |
| MacLaren | | 0.025 | | | | | |
| MacSwain | 0.01 | 0.15 | | | | | |
| Midgell (Rte 2) | | 0.20 | | | | | |
| Mooney | | 0.05 | 0.05 | | | | |
| New Road | | 0.20 | | | | | |
| Perry Road | | 0.50 | | | | | |
| Pinetree Lane | | 0.04 | | | | | |
| Pope Road | | | 0.50 | | | | |
| Red Head | | | 0.02 | | | | |
| Selkirk | 0.03 | | | | | | |
| Shielding Road | 0.02 | | 0.35 | | | | |
| Shore Road | | 0.12 | | | | | |
| Sparrow Road | | | 0.01 | | | | |
| St Patrick's Road | | 0.02 | | | | | |
| St Peters (Rte 2) | 0.02 | | | | | | |
| St Peters Lake Road | | | | | | | |
| St Theresa's | | | | | | | 0.175 |
| Strathcona | | | 0.02 | | | | |
| Trainor | | | 0.03 | | | | |
| Upton Road | | 0.50 | 0.02 | | | | 0.06 |
| Total | 0.49 | 0.394 | 1.62 | 0.00 | 0.00 | 0.00 | 0.695 |

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) |
|--------------|------------------|----------------|---------------|-------------------|------------------|--------------------|-------------------------|
| Clay | | | | 0.80 | | | 0.10 |
| Dalmaney | | | | 0.40 | | | |
| Dingwell | | | | 0.40 | | | |
| Dundas | | | | | | | 0.075 |
| East Royalty | | | | 0.70 | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|--|------------------|----------------|---------------|-------------------|------------------|--------------------|-------------------------|
| Jessie Maybelle | | | 0.30 | | | | |
| Lighthouse Road | | 0.55 | | | | | |
| Little River Road | | | | | | | 0.075 |
| Long Wharf Road | | 0.50 | | | | | |
| Martinvale | | | | 0.50 | | | |
| Morrisons Beach | | | | 0.84 | | | |
| Perth Station | | | | | 0.30p | | |
| Sandy's Lane (Class A gravel section) | | 0.80 | | | | | |
| Shore Road Cardigan | | | | 0.50 | | | |
| South Montague | | | | 0.80 | | | |
| Total | 0.00 | 1.85 | 0.30 | 4.94 | 0.30 | 0.00 | 0.25 |

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) |
|---------------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Compton Road | | 1.00 | | | | | |
| Heatherdale Road | | | | | 0.20unp | | |
| Loane Road | | | | | 0.20p | | |
| Lower Montague Road | | | | | | | 4.00 |
| MacDonald Road | | 1.00 | | | 0.50unp | | |
| Mellish Pond Road | | | 0.10 | | | 0.10 | |
| Nicholson Road | | 0.20 | | | | | |
| Roma Point | | 1.00 | | | 0.30unp | | |
| St Andrews Point | 0.10 | | | | | | |
| Thornton Road | | | 0.50 | | | | 0.30 |
| Valleyfield Road | | | | | 0.20p | | 2.00 |
| Katies Lane | | 0.50 | | | | | .50 |
| Total | 0.10 | 3.70 | 0.60 | 0.00 | 1.40 | 0.10 | 6.80 |

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 | | 0.20 | | | | | |
| Benji's Road | | | | | | | 2.00 |
| Billy MacDonald Road | | | | | 0.10 unp | | |
| Blue's Road | 0.10 | | | | | | 1.00 |
| Brooklyn Road | | | | | 0.10 unp | | |
| Bruce's Road | | | | | | | 1.00 |
| Cahoon's Wharf Road | | | | | | | 0.50 |
| Cape Bear | | 0.20 | 0.20 | | | | 0.50 |
| Compton Road | 0.10 | | | | | | |
| County Line Road | 0.50 | | | | 0.30 unp | | |
| Dover | | | | | | | 5.00 |
| Floating Bridge Road | | | | | 0.30 unp | | |
| Girl Guide Camp Road | | 0.50 | | | 0.50 unp | | 0.50 |
| Gladstone Road | | 0.50 | | | | | |
| Greek River Road | | | | | | | 3.00 |
| Grey's Road | | | | | | | 2.00 |
| Guernsey Cove Road | | 0.50 | | | | | 2.00 |
| MacFarlane Road | | | 0.10 | | | | |
| MacKay Road | | 0.50 | | | | | |
| MacPherson Road | 0.20 | | | | | | |
| Munn's Road | | | 0.10 | | | | |
| Panmure Island | | | | | | | 2.00 |
| Peter's Road (Alliston) | | | | | | | 3.00 |
| Peter's Road | | | | | | | 3.00 |
| Reilly Lane | | 0.10 | | | | | |
| Ross Road | | 0.50 | | | | | |
| Spring Road | 0.10 | | | | | | |
| Total | 1.00 | 0.30 | 0.40 | 0.00 | 1.30 | 0.00 | 25.50 |

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 **9,034.46** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased **1,455.13** tonnes of salt to blend with its winter sand.

The Region purchased **24,840.32** 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, **2,986.70** tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2019/2020 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 six sanding contractors where two contractors use department installed hoppers and spreaders and four provide combination tandems. In addition, six department trucks were utilized to provide services to various locations throughout the Country.

Snowfall Records

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

| Location | Recorded (cm) |
|----------------|---------------|
| Dingwell Mills | 226.0 |

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 with private contractors.

| Contractor | Kilometres Plowed |
|--------------------------------|-------------------|
| Chapman Brothers | 219.10 |
| G & P Trucking | 154.40 |
| Kenny Macleod | 106.66 |
| Kings County Construction Ltd. | 135.84 |
| Total | 616.00 |

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

Eastern Region

| Location | Km | Graders | Blowers | Loaders | Truck |
|----------------------------------|---------------|---------|---------|---------|--------------------|
| 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 |
| Morell East | 31.20 | | | | tandem combination |
| Guernsey Cove | 33.70 | X | | | |
| Hopefield | 42.00 | | | | 4X4 |
| 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 | 576.90 | | | | |

The Department was also responsible for plowing the streets within the Towns of Souris and Montague, 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 **30,667.88** 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 **2,634.63** tonnes. Private contractors supplied/placed **28,033.25** tonnes of asphalt over **37.44** km.

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

| SUPPLIERS | TONNES |
|----------------------|------------------|
| Curran & Briggs Ltd. | 1,752.90 |
| Chapman Bros. | 10,665.51 |
| Island Construction | 17,880.50 |
| M&M Resources | 368.97 |
| Total | 30,667.88 |

RESURFACING

The following roads were resurfaced by private contractors through supply & place contracts.

Queens Zone Q-1

Queens Zone Q-2

| Road Name | Kilometres | | Road Name | Kilometres |
|--|-------------|--|---|-------------|
| Rte.5 – 48 Road | .81 | | Matwood Drive | .49 |
| Robertson Road | .92 | | Birkcallum Drive | .75 |
| Bethel Road | .89 | | Barkley Avenue | .27 |
| Waterside Road | .29 | | Keppoch Road | .60 |
| Beechill Road | .33 | | Stratford Road | .51 |
| Rte. 24 – Grandview (Murray Harbour Road) | 1.00 | | Kinlock Road | .82 |
| Rte.207 – Garfield Road | 1.00 | | Egan Street | .30 |
| Greys Road | 1.00 | | Buell Road | 1.00 |
| Monaghan Road | .75 | | Rte. 25 – Stanhope (Bayshore Road) | .53 |
| | | | Rte. 218 – Blooming Point Road | 1.00 |
| | | | Lower Marshfield Road | .70 |
| | | | Rte. 26 – Pownal | 1.09 |
| | | | Rte. 21 – Mermaid (Fort Augustus Road) | 1.00 |
| Total km | 6.99 | | Total km | 9.06 |

Queens Zone Q-3

Queens Zone Q-4

| Road Name | Kilometres | | Road Name | Kilometres |
|---------------|------------|--|--|------------|
| Kingston Road | 1.08 | | Rte. 6-Oyster Bed Bridge Portage Road | 1.36 |
| John Street | .17 | | Rte. 226–Millboro Road | 1.00 |

| Road Name | Kilometres | | Road Name | Kilometres |
|------------------------|-------------|--|---|--------------|
| Dixon Road | 1.00 | | Little Bungay Road | .58 |
| Rte.19-Meadowbank Road | 1.00 | | Bungay Road | 1.50 |
| Green Road | .94 | | Rte. 8–Grahams Road | 1.00 |
| Rte. 9-Colville Road | .98 | | Rte. 254–Rattenbury Road | 1.17 |
| Lowther Drive | .54 | | Church Road (South) | 1.29 |
| Bonshaw Road | 1.30 | | Simpson Mill Road | .43 |
| Hopedale Road | 1.05 | | Rte. 224–New Glasgow (St. Mary's Rd) | 1.21 |
| | | | Smith Road | .50 |
| | | | Trout River Road | .53 |
| | | | Rte.20–New London | .61 |
| | | | Pickering Road | 1.15 |
| | | | Bungay Road | 1.00 |
| Total km | 8.06 | | | 13.33 |

Bush Cutting

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

Road Maintenance

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

| Sandstone (m³) | Sandstone (t.) | Gravel (yds.) | Gravel (t.) | Rock (yds.) | Rock (t.) |
|-------------------|-------------------|------------------|----------------|----------------|--------------|
| 8,809.30 | 25,570.84 | 76.00 | 16,339.56 | 78.00 | 499.23 |

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

Several 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 | | | | .10 | | | 10.00 |
| Angus J. MacLean Road | | | | | | | |
| Avondale Road | | | | | | | 7.00 |
| Cape Breton Road | | | | | | | |
| Center Road | | .30 | | | | | 2.00 |
| Compton Road | | | | | | | |
| East Uigg Road | | .20 | | | | | .30 |
| Gairloch Road | | .10 | .20 | | | | |
| Garfield Road | .10 | | | | | | 4.00 |
| Gay Road | | | | .30 | | | 2.00 |
| Gillis Road | | | | | | | |
| Greys Road | | | | | | | |
| Horton Road | .10 | | | | | | 1.00 |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|-----------------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Iona Road | | | .40 | | | | 3.00 |
| MacAulay's Wharf Road | | .20 | .20 | | | | |
| MacPhail Park Road | .10 | .10 | | | | | |
| Monaghan Road | | | | .10 | | | 9.00 |
| Murray Harbour Road | | | | .10 | | | 5.00 |
| New Cove Road | | | | | | | 3.00 |
| Orwell Cove Road | | | | | | | 1.00 |
| Point Prim | | .20 | | | | | 11.00 |
| Pownal Road | | | | .20 | | | 4.00 |
| Queens Road | | | | .30 | | | 4.00 |
| Roseberry | | | | | | | |
| Rte.3, Alberry Plains | | | | | | | 5.00 |
| Seal River Road | | | | | | | 0.20 |
| Selkirk Road | | | | 1.20 | | | 8.00 |
| Trans-Canada Highway | | | | 1.40 | .30 | | 15.00 |
| Vernon River Road | | | | | | | 3.00 |
| Camp Buchan | | .20 | | | | | 3.00 |
| Klondike | | | .20 | | | | |
| Shore Road | | | | | | | 3.00 |
| Village Green | .20 | | | | | | 6.00 |
| Waterside Road | .20 | .20 | | | 1.10 | | 0.20 |
| Big Point Road | .20 | .30 | | | | | |
| Crown Point | | .20 | | | | | |
| Brazel Road | | .20 | | | | | |
| Power Road | | .20 | | | | | |
| Beech Hill Road | | | | .10 | | | 3.00 |
| Dugan Road | .20 | .20 | | | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|----------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Ryans Road | | | | | | | 3.00 |
| Newton Road | | | | | | | 5.00 |
| Culloden Road | | | .30 | | | | |
| Irving Road | | | | | | | |
| Heritage Road | | | | | | | 2.00 |
| Jones Road | .10 | .20 | | | | | |
| Glencoe | | .10 | | | | | 3.00 |
| Donagh Rd | | | | | | | |
| Bethel Rd | | | | | | | |
| Whites | | | | | | | |
| Robertson Road | | | | | | | |
| Higgins Rd | | | | | | | |
| Colville Rd | | | | | | | |
| Cook Rd | | | | | | | 2.00 |
| Pinette Rd | | | | | | | 3.00 |
| Glashvin Rd | | | | | | | 2.00 |
| Uigg Rd | | | | | | | 3.00 |
| Brush Wharf | | | | .10 | | | 2.00 |
| MacKenna Rd | | | | | | | 1.00 |
| MacLeod Rd | | | | | | | 0.60 |
| Nunn's Rd Ext | | | .20 | | | | |
| High Rd | | | .40 | | | | |
| Crawford Rd | | | .20 | | | | |
| Storey Rd | | | | | 1.10 | | |
| Murray Rd | | | .30 | | | | |
| Robbins Rd | | | | | .20 | | |
| Total | 1.20 | 2.90 | 2.40 | 3.90 | 2.70 | 0.00 | 139.30 |

Queens 2 – Central Region – Maintenance Activities

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|----------------------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Charlottetown Bypass | | | | | | | 1.00 |
| Fort Augustus Road | | | | | | | 15.00 |
| Gay Road | | | | .10 | | | |
| MacEachern Road | | | .20 | | | | 1.00 |
| McKenna Road | | .20 | | | | | 0.95 |
| Pownal Road | | | .20 | | | | 2.00 |
| Total | 0.00 | 0.20 | 0.40 | 0.10 | 0.00 | 0.00 | 19.95 |

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 | | | .20 | | | | |
| Blooming Point Road | | | | | | | 4.00 |
| Corrigan Road | .10 | | | | | | |
| Creek Road | | | | | | | .90 |
| Dougan Road | | | .10 | | | | |
| Fort Augustus Road | | | | | | | 12.00 |
| Fredericton Station Road | .15 | | | | | | |
| Frenchfort Road | .20 | | | | | | |
| French Village | | | | | | | 4.00 |
| Johnstone Road | | | .10 | | | | |
| Junction Road | .05 | | | | | | |
| Mill Road | .10 | | | | | | |
| Mount Stewart Road | | | .30 | | | | |
| Pleasant Grove Road | | | | | | | 2.00 |
| Pt. DesRoches Road | | | .20 | | | | |
| Portage Road | | | .10 | | 3.00 | | |
| York Road | | | | | | | 2.00 |
| Total | 0.60 | 0.00 | 0.90 | 0.00 | 3.00 | 0.00 | 24.90 |

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 | | | .10 | | | | |
| Balaklava Road | | | .20 | | | | |
| Baltic Road | | | .10 | | | | |
| Bannockburn Road | | | | | | | 3.00 |
| Bolger Park | | | .15 | | | | |
| Blockhouse Road | | | .10 | | | | |
| Bonshaw Road | | | | | | | 3.00 |
| Cameron Road 22098 | | | | | | | 4.00 |
| Causeway Road | | | | | .10 | | |
| Charles Lane | | | .05 | | | | |
| Clyde River Road | | | | | | | 4.00 |
| Cornwall Road | | | | | | | 12.00 |
| Cottage Road | | .05 | | | | | |
| Country View Drive | .05 | | | | | | |
| Cowhorn Road | | | .25 | | | | |
| Darlington Road | | | | | | | 6.00 |
| Highland Park Road | | | .15 | | | | |
| Johnston Road | | | .20 | | | | |
| Kingston Road | | | | | | | 10.00 |
| Kinkora Road | | | | | | | 15.00 |
| MacDonald Road | .05 | | | | | | |
| MacEachern Road West | | .10 | | | | | |
| Maplewood Road | .05 | .20 | | | | | |
| Meadowbank Road | | | | | | | 6.00 |
| New Argyle Road | | | | | | | 4.00 |
| Old Mill Road Crapaud | .05 | | | | | | |
| Osborne Road | | | .20 | | | | |
| Peters Road | | | .15 | | | | |
| Rice Point Road | | | | | | | 5.00 |
| Route 19, Rocky Point | | | | | | | 3.00 |
| Ross Road | | | .15 | | | | |
| Route 13 | | | | | | | 8.00 |
| Sheepskin Road | | | .05 | | | | |
| West River Road | | | | | | | 3.00 |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|-----------|------------------|----------------|---------------|-------------------|------------------|--------------------|----------------------|
| Total | 0.20 | 0.35 | 1.85 | 0.00 | 0.10 | 0.00 | 86.00 |

CENTRAL REGION: WINTER MAINTENANCE

Winter activities in Central Region involved salting, sanding and snow removal. Temporary cold patching of paved roads, water drainage and washout repairs were also carried out, as well as any maintenance activities required to keep our highway system as safe as possible for the motoring public. To achieve this end, the following was used.

There were **24,254.60** salt purchased for salt-only and 50/50 mix for ice control. The region purchased **1,684.01** 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. **40,353.75** 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

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

City of Charlottetown

The Department carried out snow and ice control on 25.52 kilometres of main streets in the City. The City of Charlottetown purchased **8,046.69** tonnes of salt and **14.76** 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 | 246.6 |
| Charlottetown (EC) | 248.0 |

Snow Fence Report

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

Contracted Services

The following is a breakdown of the contracted sanding and snow removal services.

| Contractor | Kilometres Plowed |
|------------------------|-------------------|
| Island Coastal East | 191.70 |
| Birt & MacKay Ltd. | 94.21 |
| M & M Resources | 120.00 |
| Island Construction | 133.50 |
| Maritime Construction | 122.30 |
| Matheson Construction' | 127.90 |
| Matheson & MacMillan | 86.00 |
| Westisle Construction | 151.68 |
| Total | 1,027.29 |

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 | Kms | 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 & Selkirk Road | 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 Road | 29.5 | | | | 1 |
| Cornwall Subdivisions | 10.0 | | | 1 | |
| Cornwall Subdivision, Cornwall Road to Kingston Road | 12.0 | | | | |
| Murray Harbour, Kinross & Selkirk Road | 39.5 | | | | 1 |
| Ebenezer, Mayfield and Rennie's Road | 29.8 | | | | 1 |
| Rustico | 18.1 | | | 1 | 1 |

| Location | Kms | Graders | Blowers | Loaders | Trucks |
|---|--------------|----------|----------|----------|-----------|
| Cornwall | 17.2 | | | | 1 |
| Meadowbank, Main Street, Cornwall and Upton Road | 30.9 | | | | 1 |
| Stratford Road & Bunbury | 52.3 | 1 | | | 3 |
| Murray Harbour, Kinross Road and Selkirk Road | 19.3 | | | | 1 |
| Ft. Augustus Road to Pisquid | 20.7 | | | | 1 |
| Hillsborough Bridge, Kinlock Road, intersections and Government buildings | 8.0 | | | | 1 |
| Charlottetown Mains | 29.4 | | | | 2 |
| Pownal, Crossroads, Stratford & Keppoch | 32.5 | | | | 1 |
| Government building lots | | | | 2 | 1 |
| York Point Road to Pleasant Grove, Vessey Subdivision | 11.7 | | | | 1 |
| Brackley Point, Portage and Union Road | 24.4 | | | | 1 |
| Bedford Road, Eastern, Black River & section of York Road | 27.3 | | | | 1 |
| By-Pass | 16.2 | | | | 2 |
| Central Region (used where needed) | | | 4 | | |
| Spares | | 3 | | 2 | 3 |
| Total | 486.4 | 4 | 4 | 6 | 34 |

WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the June to October. A total of **31,909.49** 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 **4,225.49** tonnes. Private contractors supplied/placed **27,684** tonnes of asphalt over **36.94** kilometres.

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

| SUPPLIER | TONNES |
|-----------------|------------------|
| Chapman Bros | 13,860.39 |
| Curran & Briggs | 18,049.36 |
| Total | 31,909.75 |

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 36.94 kilometres.

Prince Zone P-1**Prince Zone P-2**

| Road Name | Kilometres | | Road Name | Kilometres |
|-----------------------|--------------|--|-----------------------|-------------|
| Rte 10 Tryon | .52 | | Rte 103 Baltic | .80 |
| Rte 232 Branch Rd | .50 | | Lower Darnley Rd | 1.00 |
| Rte 8 Freetown | 1.00 | | Pleasant St | .70 |
| Chelton Rd | 1.31 | | County Line Rd | 1.35 |
| Rte 112 Searletown | .85 | | Cabot Park Rd | .20 |
| Bedeque Rink Rd | .35 | | Rte 12 Lot 16 | 1.13 |
| Rte 112 Bedeque | .50 | | Rte 126 St Gilbert | .71 |
| Leard Mill Rd | .30 | | Caissie Rd | .52 |
| Maple Plains | .50 | | Rte 11 Abrams Village | 1.01 |
| Dunk River Rd | 1.00 | | Rte 11 Union Corner | 1.01 |
| Rte 107 Wilmot Valley | 1.50 | | Reeves Rd | .50 |
| Nineteen Rd | 2.06 | | | |
| Total Km | 10.39 | | Total Km | 8.93 |

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

| Road Name | Kilometres | | Road Name | Kilometres |
|-----------------------|-------------|--|----------------------|--------------|
| Rte 12 Grand River | .65 | | Rte12 Roxbury | 1.23 |
| Rte 131 Sunnyside | 1.00 | | Rte 145 Mill River | 1.00 |
| Green Park Rd | .50 | | Rte 14 Campbellton | 1.02 |
| Rte 167 Allen Rd | .50 | | Rte 172 Fortune Cove | 1.00 |
| Rte 163 East Bideford | .96 | | Rte 152 Huntley | 1.43 |
| Rte 142 Knutsford | 1.02 | | Rte 14 St Lawrence | 1.10 |
| Enman shore Rd | .44 | | Back Settlement Rd | 1.02 |
| Rte 138 Beaton Rd | .50 | | Rte 14 Waterford | 1.01 |
| Ellis Ave. | .40 | | Cemetery Rd | .32 |
| Rte 140 Buchanan Rd | .93 | | Rte 155 Thompson Rd | .72 |
| | | | Stompin Tom Rd | .71 |
| | | | Old Western Rd | .20 |
| Total Km | 6.90 | | Total Km | 10.76 |

Bush Cutting

During the season, three government and two private mechanical bush cutters cut bushes along the highway. Approximately **638.94** (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, five graders in the county carried out grading services on the unpaved road network. This would include 424 kilometres of seasonal roads and 169 kilometres of year-round unpaved roads. In some cases, roads were also ditched, and loaders and trucks were used to haul away unsuitable material.

Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

| Sandstone | Gravel | Gabion Rock | Other | Millings |
|-----------|--------|-------------|-------|----------|
| 21,780 | 8,073 | 424 | 3,718 | 4,727 |

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, several 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 245,584 litres was used to treat 73.10 kilometres of road. An additional 60,071 litres were used to spread calcium using Department trucks on various sections of roads throughout the country.

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) |
|-----------------|---------------|-------------|------------|----------------|---------------|-----------------|-------------------|
| Blue Shank Rd | | | | 3.00 | | | |
| Nineteen Rd | | | | 1.50 | | | |
| Freetown Rd | | | | 1.00 | | | |
| Bedeque Rink Rd | | | | 0.30 | | | |
| Leard Mill Rd | | | | 0.30 | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|------------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Dunk River Rd | 1.00 | | | 1.00 | | | |
| Chelton Rd | | | | 0.50 | | | |
| MacCallums Pt | | | 0.30 | 1.00 | | | 2.00 |
| Carins Rd | | | | 0.10 | | | |
| Mill Rd | | | | 0.30 | | | |
| Campbell Shore Rd | | | 1.00 | 1.00 | | 1.00 | 0.50 |
| N Freetown Rd | | 0.80 | | 0.60 | 0.80 | | |
| Taylor Rd | | 0.20 | | | | 0.80 | |
| Cumberland Cove | | 0.10 | | | | | |
| Lower Tryon Rd | | 0.20 | | | | | |
| Bradford Rd | | 0.80 | | | 0.10 | 0.50 | |
| County Line Margate | | 0.10 | | | | | |
| McMurdo Rd | | 0.20 | | | | | |
| Blue Shank Rd | 4.00 | | | 4.00 | | | |
| Freetown Rd | 1.00 | | | 1.00 | 0.10 | | 3.00 |
| Nineteen Rd | 2.00 | | | 2.00 | | | |
| River Rd | | | 0.80 | | 0.80 | 0.80 | |
| Lawless Rd | | | 0.20 | | | | |
| Walls Rd | | | 0.20 | | | | |
| Pius Croken Rd | 0.10 | | 0.10 | | | | |
| Murray Rd | | | 0.10 | | | | |
| Lecky Loop | | | 0.30 | | | | |
| Reeves Rd | | | 0.10 | | | | 1.50 |
| Baker shore Rd | | | | | 0.10 | | |
| Maple Plains Rd | | | 0.20 | | | | 2.00 |
| Fernwood Lighthouse Rd | | | 0.20 | | | | |
| Sherry Rd | | | 0.20 | | | | 1.00 |
| Total | 8.10 | 2.40 | 3.70 | 17.60 | 1.90 | 3.10 | 10.00 |

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) |
|------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Rte 11 Miscouche | | | | | 0.70 | | |
| Rte 12 Miscouche | | | | | 0.30 | | |
| Rte 2 New Annan | | | | | 0.20 | | |
| Old Sside Rd | | | | | 0.30 | | |
| Montgomery Rd | | | | 0.60 | 0.30 | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|--------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Prinetown Rd | | | | 1.20 | 0.40 | | |
| Back Margate | | 1.00 | | | | | |
| Bryanton Rd | | 0.20 | | | | | |
| Murphy Rd | | 0.50 | | | | | |
| Mackenzie Rd | | 0.20 | | | | | |
| Union Corner | | 0.40 | | | | | |
| Gallant Rd | | 0.20 | | | | | |
| SugarCamp Rd | | 0.20 | | | | | |
| McGee Rd | 0.40 | | | | | | |
| Cannontown Rd | | 0.40 | | | | | |
| Wharf Rd Miscouche | | 0.20 | .70 | 0.71 | | | |
| Compton Rd | 0.20 | | | | | | |
| Royalty Pt Rd | | | | 0.52 | | | |
| Forbes Rd | | | | 0.90 | | | |
| MacLean Rd | | | | 1.20 | | | |
| Total | 0.60 | 3.30 | 0.70 | 5.13 | 2.20 | 0.00 | 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) |
|-----------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Boulter Rd | | | | 1.20 | | | |
| Port Hill Stn Rd | | | | 1.50 | | | |
| McInnis Rd | | | | 1.50 | | | |
| Ramsay Rd | | | | 0.60 | | | |
| Rte 12 Grand River | | | | 0.65 | | | |
| Rte 131 Sunnyside | | | | 1.00 | 0.30 | | |
| Enman Shore Rd | | 0.45 | | 0.45 | | | |
| Rte 140 Buchanan Rd | | 0.45 | | 0.95 | | | |
| Old Ferry Rd | | | | | 0.25 | | |
| MacKinnon Rd | | | 0.30 | | | | |
| Dystant Rd | | | | | 0.10 | | |
| MacNeill Mills Rd | | | | | 0.30 | | |
| Brae Harbour Rd | | | 0.30 | | | | |
| Mickey Allan Shore Rd | | 0.10 | | | | | |
| Boulter Rd | | 1.20 | | | | | |
| Fitzgerald Rd | | 0.90 | | | | | |
| Ramsay Rd | | 0.60 | | | | | |
| Stephen Rd | | 0.10 | | | | | |
| MacDougall Rd | | | 0.10 | | | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|---------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Livingston Rd | | | 0.20 | | | | |
| Smallwood Rd | | | 0.20 | | | | |
| Southwest Rd | | 0.10 | | | | | |
| Moore Rd | | 0.10 | | | 0.60 | | |
| Maple Leaf Ln | | | 0.70 | | | | |
| Rte 12 Grand River | 0.65 | | | 0.65 | 0.30 | | |
| Rte 12 Ellerslie | | | | | 0.25 | | |
| Rte 14 Dunblane | | | | | 0.10 | | |
| Rte 12 Foxley River | | | | | 0.10 | | |
| Rte 12 Poplar Grove | | | | | 0.40 | | |
| Rte 14 Coleman | | | | | 0.20 | | |
| Cascumpec Rd | | | | | 0.30 | | |
| Rte 12 Freeland | | | | | 0.30 | | |
| Allen Rd Rte 12 | | | | | 0.12 | | |
| Luke Rd | | | 0.20 | | | | |
| Total | 0.65 | 4.00 | 2.00 | 8.50 | 3.62 | 0.00 | 0.00 |

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) |
|--------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Doyle Rd | | | | 0.55 | | | |
| Coughlin Rd | | 0.30 | | 0.10 | 0.60 | | |
| Donahue Rd | | | 0.55 | | | | |
| Christopher Rd | | | 0.40 | | | | |
| Founders Ln | | | 0.15 | | | | |
| O'Rourke Rd | | | 0.20 | | | | |
| Arsenault Rd | | 0.50 | | | 0.13 | | |
| Knox Lane | | 0.50 | | | | | |
| Kelly Rd | | 0.40 | | | | | |
| Foye Rd | | 0.35 | | | | | |
| MacArthur Lane | | 0.30 | | | | | |
| Gordon Wharf Rd | | 0.70 | | | | | |
| Roxbury Rd | | 0.40 | | | 0.50 | | |
| Doyle Rd | | 1.30 | | | | | |
| Rte 14 Skinners Pd | | | | | 0.30 | | |
| Ascension Rd | | | | | 0.41 | | |

| Road Name | Millings (km) | Gravel (km) | Shale (km) | Shoulders (km) | Ditching (km) | Tap Drains (km) | Bush Cutting (km) |
|--------------------|------------------|----------------|---------------|-------------------|------------------|-----------------------|-------------------------|
| Palmer Rd Nth | | | | | 0.06 | | |
| Harper Rd | | | | | 0.10 | | |
| Dock Rd | | | | | 0.42 | | |
| Gard Rd | | | | | 0.20 | | |
| Blanchard Rd | | | | | 0.50 | | |
| Rte 12 Kildare | | | | | 0.33 | | |
| Rte 14 Miminigash | | | | | 0.24 | | |
| SouWest Rd | | | | | 0.32 | | |
| Rte 14 Burton | | | | | 0.25 | | |
| Rte 14 Campbellton | | | | | 0.35 | | |
| Total | 0.00 | 4.75 | 1.30 | 0.65 | 4.71 | 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: 10,855.51 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 2,146.46 tonnes to blend with its winter sand. The 35,783 tonnes of blended sand purchased by the Region includes amounts for reserve piles. This blended material consisted of a mixture of six percent salt, 30 percent imported, ¼" stone and 70 percent local sand. This material was store date nine sites throughout the Region.

Ice Control

Ice control on sections of Highway 1, 1A, 2 East, 2 West, 107,153 and sections of 142, 150, and 152, as well as Tignish, O'Leary and Alberton main streets were maintained by direct salt application.

Sanding Operations

Approximately 1,584 kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by 2 sanding contractors using department installed hoppers and spreaders, 9 snow contractors and 5 government sand trucks.

Snowfall Records

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

| Location | Recorded (cm) |
|-----------|---------------|
| Alma | 272.3 |
| Miscouche | 182.2 |

Snow Removal Contracted Services

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

| Contractor | Kilometres Plowed |
|---------------------------|-------------------|
| 101364 | 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 West | 174.76 |
| Tri-Mix | 102.91 |
| Total | 1,151.36 |

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

| Location | km | Graders | 4x4 | Blower | Loaders | Truck |
|--------------------------|---------------|----------|----------|----------|----------|-----------|
| Tignish | 40.57 | | | | | 1 |
| Cascumpeque/Alberton | 34.64 | | 1 | | | |
| O'Leary | 32.47 | 1 | | | | |
| Tyne Valley | 23.44 | | 1 | | | |
| Spring Valley | 32.06 | | | | | 1 |
| Albany Route 1 | 23.30 | | | | | 1 |
| Kinkora | 28.07 | | | | | 1 |
| Summerside, Route 1A | 21.53 | | | | | 1 |
| Slemon Park | 14.25 | | | | 1 | 1 |
| Wellington/Route 11 | 26.74 | | | | | 1 |
| Summerside West | 32.39 | | | | | 1 |
| Summerside, Route 2 East | 22.14 | | | | | 1 |
| Freetown/Blue Shank | 26.72 | 1 | | | | |
| O'Leary | 29.36 | | | | | 1 |
| St. Louis | 25.86 | 1 | | | | |
| Summerside/Alma spare | | 3 | 0 | 6 | 3 | 3 |
| Total | 413.54 | 6 | 2 | 6 | 4 | 13 |

Mechanical Branch

Expenditures

Operating budget for the Mechanical Branch and Fleet Operations during the year totaled \$18,396,200. The budget appropriation was distributed as follows:

| Activity | Total |
|-------------------------------|---------------------|
| Charlottetown Garage Direct | \$4,928,700 |
| Charlottetown Garage Indirect | \$1,109,400 |
| Bridgetown Garage Direct | \$285,400 |
| Bridgetown Garage Indirect | \$2,487,100 |
| Summerside Garage Direct | \$4,052,300 |
| Summerside Garage Indirect | \$138,500 |
| Western Region Operators | \$1,509,100 |
| Central Region Operators | \$2,520,700 |
| Eastern Region Operators | \$1,365,000 |
| Total | \$18,396,200 |

Equipment

During the 2019-20 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 |
|-----------|---|
| 10 | Half Ton Regular Cab Truck (2 Door) |
| 10 | Half Ton Extended Cab 4x4 Truck |
| 2 | Half Ton Extended Cab 4x2 Truck |
| 8 | Passenger Van |
| 1 | SUV |
| 1 | Sedan |
| 2 | Cargo Van (Regular Wheelbase) |
| 1 | Cargo Van (Long Wheelbase) |
| 1 | Cube Delivery Van |
| 1 | 3500 Service Truck |
| 1 | 5500 Fire Truck |
| 3 | Compact Car (Hybrid) |
| 4 | Compact Car (Electric) |
| 45 | 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 |
|----------|--|
| 2 | Woodchipper |
| 1 | Vacuum Street Sweeper |
| 1 | Loader Mt Blower |
| 1 | Commercial Grade Zero Turn Lawn Tractor |
| 9 | Insert/Greasing Systems for Tandem Trucks |
| 1 | Shop Press |
| 3 | Tandem Plow Trucks |
| 18 | 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

| Unit | Quantity | In Years | | | Percentage Half Age |
|----------------------|----------|--------------|--------------------|--------------------|---------------------|
| | | Optimum Life | Target Average Age | Actual Average 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% |
| 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 several areas including:

- First Aid
- Bus Mechanic Training
- Dangerous Goods
- Engine Diagnostics
- Forklift Operation
- Tire Training
- Mechanic Apprenticeship Training (OJT)
- Scissor Lift Training
- Welding Apprentice Training (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 regarding the implementation and management of transportation research initiatives and new technologies which have the potential to contribute to enhanced economic development, and improved safety and efficiency on the province's transportation network.

Planning Section staff represent the Province on several national, international, regional, and provincial committees, including the following:

- Policy and Planning Support Committee (PPSC)
- Aviation Standing Committee
- 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 many 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 five full-time provincial employees and two contract positions, one relating to a special Asset Management Gas Tax project.

Within the reporting period, six 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);
- National Disaster Mitigation Program (NDMP);
- Municipal Capital Expenditures Grant (MCEG).

INFRASTRUCTURE PROGRAMS

Investing in Canada Infrastructure Program (2014-2024)

Through the Investing in Canada Plan, \$367 million in federal funding is being delivered over 10 years (2018-2028) in the Province to provide predictable and sustainable funding for projects that will build modern, resilient and green communities for Islanders.

The Department is working closely with government departments, municipalities, for profits, not-for-profits and Indigenous People to respond to the unique needs of communities to get infrastructure built that will improve the quality of life across Prince Edward Island.

The program is comprised of four streams – Public Transit, Green Infrastructure, Community, Culture and Recreation and Rural and Northern Communities.

| | |
|---|----------------------|
| Public Transit (PT) | \$27,063,775 |
| Green Infrastructure (CCM, ARDM, EQ) | \$228,147,387 |
| Communities, Culture and Recreation (CCR) | \$29,060,925 |
| Rural and Northern Communities (RNC) | \$82,705,236 |
| TOTAL | \$366,977,323 |

The following table shows the recipients and how much in grant funding received in 2019/20.

| INVESTING IN CANADA PROGRAM (ICIP) | | | |
|---|--|--------------------|-------------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-20 |
| Department/Crown Corporations | | | |
| PEI Energy Corporation | ICIP-CCM-2019-001 PEI 2020 30MW Wind Farm | 60,000,000 | 1,692,350 |
| PEI Energy Corporation | ICIP-CCM-2019-016 Skinners Pond Transmission Line | 44,000,000 | 5,301 |
| Slemon Park Corporation | ICIP-EQ-2019-037 Aerospace Blvd. Sewer Line Replacement 2021 | 632,500 | 3,807 |
| Slemon Park Corporation | ICIP-EQ-2019-038 Wastewater Treatment-Head Works | 1,164,605 | 228 |
| Slemon Park Corporation | ICIP-EQ-2019-039 Water Reservoir Tank Replacement & Pump House Equipment Upgrades | 5,000,000 | 685 |
| Environmental Industrial Services Inc. | ICIP-EQ-2019-035 Brudenell Wastewater Treatment System Upgrades | 1,495,000 | 143 |
| Environmental Industrial Services Inc. | ICIP-EQ-2019-036 Georgetown Water System Upgrades | 690,000 | 2,328 |
| Department of TIE | ICIP-RNC-2019-003 2019/20 Local Roads and Bridge Bundle | 9,819,850 | 3,814,270 |
| Department/Crown Corporations Total | | 122,801,955 | 5,519,112 |
| Municipalities, Not-for-profits, For-Profit, Indigenous Groups | | | |
| Summerside City | ICIP-CCM-2019-008 Summerside Solar and Storage | 68,790,925 | 47,553 |
| TCAP Co-Operative Ltd | ICIP-CCM-2019-015TCAP Dehumidification and Air Exchange Replacement and Insulation | 575,000 | 91,715 |
| PEI Mi KMAQ Holdings Inc. | ICIP-CCM-2019-001 PEI Urban Indigenous Center | 6,820,000 | 1,690,066 |
| Charlottetown City | ICIP-CCM-2019-002 Charlottetown City Diamond Light Poles & Fixture Replacements | 345,000 | 3,388 |
| Stratford Town | ICIP-CCM-2019-017 Pondsides Multi Use Courts | 75,000 | 6,312 |
| Three Rivers Town | ICIP-CCM-2019-021 Three Rivers Cardigan Ballfield Lights and Upgrades | 561,281 | 192,555 |
| Three Rivers Town | ICIP-CCM-2019-024 Three Rivers Georgetown Zamboni | 123,510 | 77,263 |

| | | | |
|--|---|--------------------|-------------------|
| Charlottetown Library Learning Centre | ICIP-C CM-2019-031 The Charlottetown Library Learning Center | 16,100,000 | 5,195,431 |
| Generation XX | ICIP-CCM-2019-032 Generation XX Accessibility | 1,000,000 | 13,136 |
| O'Leary Community Sports Centre Inc | ICIP-CCM-2019-036 Hockeyville Legacy Project-O'Leary Arena Upgrades | 1,700,000 | 33,407 |
| Tignish Health Cooperative Association Ltd | ICIP-CCM-2019-039 Tignish Health Co-operative Association Ltd. Community Outreach Expansion | 872,560 | 110 |
| Tracadie Community Centre | ICIP-CCM-2019-040 ICIP-CCM-2019-008 Tracadie Community Center Renovation | 120,000 | 51,980 |
| Wood Islands and Area Development Corp | ICIP-CCM-2019-044 Infrastructure Improvements at Wood Islands Lighthouse | 85,004 | 26,096 |
| Cornwall Town | ICIP-EQ-2019-011 Cornwall Wellfield Development | 3,200,703 | 19,929 |
| Kensington Town | ICIP-EQ-2019-014 Kensington Wellfield System Upgrades | 371,000 | 19,652 |
| Resort Municipality Community | ICIP-EQ-2019-019 Wastewater Lift Station MacCoubrey Lane to Friendly Lane | 175,000 | 15,106 |
| Stratford Town | ICIP-EQ-2019-002 Sewer Lift Station Upgrades Pondsides/Bayside/Corish | 1,000,000 | 17,423 |
| Transportation West Inc. | ICIP-PT-2019-002 Transportation West 2019 Fleet Upgrades | 790,000 | 81,276 |
| Pat and The Elephant | ICIP-PT-2019-003 Pat and the Elephant Van Replacement | 462,000 | 62,799 |
| Bell Canada | ICIP-RNC-2019-001 Bell Aliant Rural Broadband Expansion | 49,463,182 | 470,210 |
| Summerside City | ICIP-RNC-2019-007 Summerside Industrial Park | 1,155,336 | 671,751 |
| Municipalities, Not-for-profit, Indigenous Group Totals | | 153,785,501 | 8,787,158 |
| Total of ALL | | 276,587,456 | 14,306,270 |

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 | \$78.0 million |

The last five years of the GTF Administrative Agreement provides the Province with a total of \$85.5 million from Canada. There was also a one-time additional top-up of \$16.5M given to the Province in 2019/20. The Province receives these funds from the Federal Government in the following allotments:

| 2019 – 2020 | 2020 – 2021 | 2021 – 2022 | 2022 - 2023 | 2023 - 2024 |
|--------------|--------------|--------------|--------------|--------------|
| \$33,000,000 | \$16,500,000 | \$17,250,000 | \$17,250,000 | \$18,000,000 |

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 |

Direct Allocations (DA) to the 25 Water and/or Sewer Municipalities

For the 25 water and/or sewer municipalities to receive their bi-annual funding installments, they were required to supply Capital Investment Plan(s) (CIP) to the Infrastructure Secretariat for review. In 2019/20, the Infrastructure Secretariat reviewed 40 Direct Allocation CIPs totaling \$41.8M. The Direct Allocations municipalities received a total of \$17.44 million in 2019/20.

| Permanent Gas Tax (New Deals for Cities & Communities) | | | |
|---|-----------------------|----------------------|--------------------------------|
| APPLICANT | GOV TYPE | PROJECT TITLE | Federal Share 19-20 |
| Direct Allocations- Communities with Water and/or Sewer | | | |
| Charlottetown | City of | Direct Allocation | 6,603,430 |
| Summerside | City of | Direct Allocation | 2,712,980 |
| Stratford | Town of | Direct Allocation | 1,755,722 |
| Cornwall | Town of | Direct Allocation | 978,422 |
| Three Rivers | Town of | Direct Allocation | 1,313,770 |
| Kensington | Town of | Direct Allocation | 296,198 |
| Souris (Souris West) | Town of | Direct Allocation | 220,424 |
| Alberton | Town of | Direct Allocation | 211,228 |
| O'Leary | Rural Municipality of | Direct Allocation | 200,000 |
| Borden-Carleton | Town of | Direct Allocation | 200,000 |
| Abrams Village | Rural Municipality of | Direct Allocation | 200,000 |
| Miscouche | Rural Municipality of | Direct Allocation | 200,000 |
| Tignish | Town of | Direct Allocation | 200,000 |
| North Rustico | Town of | Direct Allocation | 200,000 |

| | | | |
|-----------------|-----------------------|-------------------|-------------------|
| Wellington | Rural Municipality of | Direct Allocation | 200,000 |
| Murray Harbour | Rural Municipality of | Direct Allocation | 200,000 |
| Crapaud | Rural Municipality of | Direct Allocation | 150,000 |
| Kinkora | Rural Municipality of | Direct Allocation | 200,000 |
| Hunter River | Rural Municipality of | Direct Allocation | 200,000 |
| Morell | Rural Municipality of | Direct Allocation | 200,000 |
| Resort Munich. | Rural Municipality of | Direct Allocation | 200,000 |
| Mount Stewart | Rural Municipality of | Direct Allocation | 200,000 |
| St. Peter's Bay | Rural Municipality of | Direct Allocation | 200,000 |
| Tyne Valley | Rural Municipality of | Direct Allocation | 200,000 |
| Victoria | Rural Municipality of | Direct Allocation | 200,000 |
| | | Total | 17,442,174 |

Notional Allocation (NA) to Remaining 34 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 an application-based allocation, which they can access via applications to the Province's Infrastructure Secretariat. The Notionally Allocated municipalities now receive 33% of the total Gas Tax Fund. In 2019/20 the Infrastructure Secretariat reviewed 76 Notional Allocation CIPs for a total investment of \$5.18M. Communities in the Notional Allocation Category received a total of \$1,025,586 in 2019/20.

| Permanent Gas Tax (New Deals for Cities & Communities) | | | |
|--|-----------------------|----------------------|--------------------------------|
| APPLICANT | GOV TYPE | PROJECT TITLE | Federal Share 19-20 |
| Notational Allocations- All other municipalities without Water and/or Sewer | | | |
| Afton | Rural Municipality of | Notional Allocation | 74,064 |
| Bedeque and Area | Rural Municipality of | Notional Allocation | 17,326 |
| Belfast | Rural Municipality of | Notional Allocation | 95,806 |
| Bonshaw | Rural Municipality of | Notional Allocation | 10,728 |
| Brackley (Brackley Winsloe) | Rural Municipality of | Notional Allocation | 34,192 |
| Breadalbane | Rural Municipality of | Notional Allocation | 9,580 |
| Central Prince (Ellerslie-Bideford) | Rural Municipality of | Notional Allocation | 47,846 |
| Clyde River | Rural Municipality of | Notional Allocation | 28,096 |
| Eastern Kings | Rural Municipality of | Notional Allocation | 40,674 |
| Greenmount Montrose | Rural Municipality of | Notional Allocation | 13,510 |
| Hazelbrooke | Rural Municipality of | Notional Allocation | 7,874 |
| Kingston | Rural Municipality of | Notional Allocation | 161,689 |
| Linkletter | Rural Municipality of | Notional Allocation | 17,784 |
| Lot 11 & Area | Rural Municipality of | Notional Allocation | 26,376 |

| | | | |
|---------------------|-----------------------|---------------------|------------------|
| Malpeque Bay | Rural Municipality of | Notional Allocation | 59,090 |
| Meadowbank | Rural Municipality of | Notional Allocation | 15,274 |
| Miltonvale Park | Rural Municipality of | Notional Allocation | 65,860 |
| Murray River | Rural Municipality of | Notional Allocation | 17,440 |
| New Haven Riverdale | Rural Municipality of | Notional Allocation | 29,832 |
| North Shore | Rural Municipality of | Notional Allocation | 119,328 |
| St. Louis | Rural Municipality of | Notional Allocation | 10,134 |
| St. Nicholas | Rural Municipality of | Notional Allocation | 36,744 |
| Union Road | Rural Municipality of | Notional Allocation | 8,778 |
| Warren Grove | Rural Municipality of | Notional Allocation | 15,318 |
| West River | Rural Municipality of | Notional Allocation | 45,952 |
| York | Rural Municipality of | Notional Allocation | 16,292 |
| | | Total | 1,025,587 |

Roads and Bridges (R&B)

Through Gas Tax funding for the Roads and Bridges component, the Province received 30% of the Province's total Gas Tax allotment, totaling \$30.6M from 2019 to 2024. The Department received \$9.9M in 2019/20 to invest in the renewal, construction and rehabilitation of roadways within municipal boundaries. The 2019/20 project list includes the following:

- 2016-17-37 - Granville St. Roundabout (Summerside)
- 2018-19-63 - Murray Harbour Bridge
- 2019-20-71 - Rte. 101 Kensington
- 2019-20-72 - Rte. 124 Wellington
- 2019-20-73 - Rte. 152 St. Louis Storm Sewer
- 2019-20-74 - Montague Storm Sewer Upgrade (Patrick Street)
- 2019-20-75 - Rte. 12 Miscouche
- 2019-20-76 - Hillsborough Bridge Retrofit
- 2019-20-77 - Mill Road-Wellington Storm Sewer 1019
- 2019-20-78 - Rte. 15 Brackley Pt. Road
- 2019-20-79 - Rte. 1 Charlottetown Riverside Drive
- 2019-20-80 - Rte. 136 Collings Road (New Perth) 2019
- 2019-20-81- Long Patch
- 2018-20-82 - Park Road (Kensington) 2019

Municipal Strategic Component (MSC)

The Municipal Strategic Component of the Gas Tax Fund was added to the Administrative Agreement in 2014 as a way of providing more funding for projects with significant economic, social and environmental benefits.

This program is targeted at "making a transformative difference in the sustainability and future prosperity of Local Governments and Unincorporated Areas in Prince Edward Island". From 2019 to 2024, this fund will offer \$11.4M to Ultimate Recipients with strategic projects, which is almost 11% of the Province's total Gas Tax allotment. The MSC has two intakes per year for project consideration depending on the amount of funds approved in previous years.

In 2019/20, the Project Review Committee approved 13 MSC projects for a total investment of \$3.4 million. The total amount of funding that was released in 2019/20 to Ultimate Recipients was \$418,510.

| Permanent Gas Tax (New Deals for Cities & Communities) | | | |
|--|-----------------------|--|------------------------|
| APPLICANT | GOV TYPE | PROJECT TITLE | Federal Share 19-20 |
| Municipal Strategic Component (MSC) | | | |
| Cornwall | Town of | 58.0 Wastewater System Upgrades | 324,928.45 |
| Stratford | Town of | 55.0 SCADA- Software and System Controls Upgrades | 55,000.00 |
| Stratford | Town of | 38.0 Collaborative GIS Aerial Photo and Data Project | 9,264.31 |
| Three Rivers | Town of | 46.0 Docks and Building for Canoe/Kayakers | 16,500.00 |
| Wellington | Rural Municipality of | 72.0 Official Plan Review and Update | 12,817.39 |
| | | Total | 418,510.15 |

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:

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

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

Table 1 - New Building Canada Fund - Small Communities Fund Actual Expenditures FY 2019/20

| BUILDING CANADA – SMALL COMMUNITIES FUND (BSF=SCF) | | | |
|--|--|-------------------|---------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-2020 |
| University of PEI | Canadian Centre of Climate Change and Adaptation | 14,600,000 | 68,253 |
| 1 Project | TOTAL | 14,600,000 | 68,253 |

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. All projects are to have construction completed by December 31, 2020 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 has three main categories: water, wastewater and storm water. In total, 47 projects have been approved, totaling \$88.4M in expenditures of which the Federal Government contributes \$44.2M and the Province contributes \$22.1 M.

The following table shows the Actual Expenditures for 2019/20.

| CLEAN WATER WASTEWATER (CWWF) | | | |
|-------------------------------|--|------------|--------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-2020 |
| Stratford Town | Town of Stratford Wastewater Delivery System to the Charlottetown Pollution Control Plan | 10,925,000 | 3,060,903 |
| Charlottetown City | CPCP Upgrades | 12,650,000 | 9,872,465 |
| Charlottetown City | Fitzroy Sewer Lift Station Replacement | 2,500,000 | 141,539 |
| Charlottetown City | East Royalty Lift Station | 3,850,000 | 1,653,389 |
| Charlottetown City | Miltonvale Wellfield Reservoir | 8,000,000 | 878,327 |
| Charlottetown City | Miltonvale Wellfield Transmission and Distribution | 5,249,750 | 14,170 |
| Charlottetown City | Winter River Wellfield Upgrade | 1,760,000 | 678,731 |
| Total | | 44,934,750 | 16,299,524 |

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 its capital expenditures made in a Fiscal Year (FY) based on submission of several documents. The 2019/20 budget set aside \$2.5M. Municipalities were given a year to collect on the previous year's expenditures. The 2019/20 fiscal year has seen 32 municipalities receive MCEG grants up to \$4.0M.

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

| MUNICIPAL CAPITAL EXPENDITURE GRANT (MCEG) | | | |
|---|---|-------------------|---------------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-2020 |
| ALBERTON, TOWN | MCEG Alberton 1 st , 2 nd , 3 rd Quarter Claim Payment 2019-20 | 660,660.00 | 66,066.00 |
| BORDEN CARLETON, TOWN | MCEG Borden-Carleton 4 th Quarter Claim Payment 2017-18 | 102,679.00 | 10,268.00 |
| BRACKLEY, RURAL MUNICIPALITY OF | MCEG Brackley 2 nd and 3 rd Quarter Claim Payment 2018-19 | 15,160.00 | 1,516.00 |
| BREADALBANE, RURAL MUNICIPALITY OF | MCEG Breadalbane 4 th Quarter Claim Payment 2018-19 and MCEG Breadalbane 2 nd Quarter Claim Payment 2019-20 | 39,380.00 | 3,938.00 |
| CHARLOTTETOWN, CITY OF | MCEG Charlottetown 4 th Quarter Claim Payment 2018-19 | 16,145,247.00 | 1,614,525.00 |
| CORNWALL, TOWN | MCEG Cornwall 4 th Quarter Claim Payment 2018-19, MCEG Cornwall Second Submission 4 th Quarter Claim Payment 2018-19, MCEG Cornwall 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment 2019-20 | 1,434,393.50 | 143,439.00 |
| GREENMOUNT MONTROSE, RURAL MUNICIPALITY OF | MCEG Greenmount-Montrose 4 th Quarter Claim Payment 2018/19 | 70,654.00 | 7,065.00 |
| HUNTER RIVER, RURAL MUNICIPALITY OF | MCEG Hunter River 4 th Quarter Claim Payment 2018/19 | 55,550.90 | 5,555.00 |
| KENSINGTON, TOWN | MCEG Kensington 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment 2017-18 | 660,294.30 | 66,029.00 |
| KINKORA, RURAL MUNICIPALITY OF | MCEG Kinkora 4 th Quarter Claim Payment 2018/19, MCEG Kinkora 1 st , and 3 rd Quarter Claim Payment 2019-20 | 106,796.00 | 10,680.00 |
| LINKLETTER, RURAL MUNICIPALITY OF | MCEG Linkletter 4 th Quarter Claim Payment 2018-19 | 56,802.00 | 5,680.00 |
| MILTONVALE PARK, RURAL MUNICIPALITY OF | MCEG Miltonvale Park 4 th Quarter Claim Payment 2018-19 | 207,095.00 | 20,710.00 |
| MIMINEGASH, RURAL MUNICIPALITY OF | MCEG Miminégash 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment 2017-18 | 21,194.00 | 2,119.00 |
| MISCOUCHE, RURAL MUNICIPALITY OF | MCEG Miscouche 1 st Quarter Claim Payment | 35,075.00 | 3,508.00 |
| MORELL, RURAL MUNICIPALITY OF | MCEG Morell 2 nd Quarter Claim Payment 2018-19 | 402,260.00 | 40,226.00 |
| MOUNT STEWART, RURAL MUNICIPALITY OF | MCEG Mount Stewart 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment | 21,757.00 | 2,176.00 |

| | | | |
|--|--|----------------------|---------------------|
| MURRAY RIVER, RURAL MUNICIPALITY OF | MCEG Murray River 2 nd , 3 rd and 4 th Quarter Claim Payment 2018-19 | 7,223.00 | 772.00 |
| NEW HAVEN RIVERDALE, RURAL MUNICIPALITY OF | MCEG New Haven Riverdale 4 th Quarter Claim Payment 2018-19 | 9,480.00 | 948.00 |
| NORTH RUSTICO, RURAL MUNICIPALITY OF | MCEG North Rustico 4 th Quarter Claim Payment 2018-19, MCEG North Rustico Second Submission 4 th Quarter Claim Payment 2017-18 | 885,480.00 | 88,548.00 |
| NORTH SHORE, RURAL MUNICIPALITY OF | MCEG North Shore 2 nd , 3 rd and 4 th Quarter Claim Payment 2018-19 | 96,962.00 | 9,696.00 |
| O'LEARY, TOWN | MCEG O'Leary 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment 2018-19 | 672,263.00 | 67,226.00 |
| RESORT MUNICIPALITY COMMUNITY | MCEG Resort Municipality 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment | 758,525.00 | 75,852.00 |
| SOURIS TOWN | MCEG Souris 3 rd Quarter Claim Payment 2017-18 | 1,092,402.00 | 109,240.00 |
| ST PETERS BAY RURAL MUNICIPALITY OF | MCEG St Peters Bay 4 th Quarter Claim Payment 2018-19 | 23,570.00 | 2,357.00 |
| STRATFORD TOWN | MCEG Stratford 4 th Quarter Fourth Submission Claim Payment 2017-18, MCEG Stratford 4 th Quarter Claim Payment 2018-19 | 6,115,141.00 | 611,514.00 |
| SUMMERSIDE CITY | MCEG Summerside 3 rd Quarter Claim Payment 2018-19, MCEG Summerside 4 th Quarter Claim Payment 2018-19 | 8,725,799.00 | 872,580.00 |
| TIGNISH RURAL MUNICIPALITY OF | MCEG Tignish 4 th Quarter Claim Payment 2018-19 | 144,270.00 | 14,427.00 |
| TYNE VALLEY, RURAL MUNICIPALITY OF | MCEG Tyne Valley 4 th Quarter Claim Payment 2017-18, MCEG Tyne Valley 3 rd Quarter Claim Payment 2018-19 | 442,651.00 | 44,265.00 |
| VICTORIA, RURAL MUNICIPALITY OF | MCEG Victoria 4 th Quarter Claim Payment 2018-19, MCEG Victoria 4 th Quarter Second Submission Claim Payment 2018-19, MCEG Victoria 2 nd Quarter Claim Payment 2019-20, MCEG Victoria | 198,934.00 | 19,893.00 |
| WELLINGTON, RURAL MUNICIPALITY OF | MCEG Wellington 4 th Quarter Claim Payment 2017-18, MCEG Wellington 1 st , 2 nd , 3 rd and 4 th Quarter Claim Payment 2018-19 | 410,388.00 | 41,039.00 |
| WEST RIVER, RURAL MUNICIPALITY OF | MCEG West River 2 nd , 3 rd and 4 th Quarter Claim Payment 2018-19 | 91,807.00 | 9,181.00 |
| YORK, RURAL MUNICIPALITY OF | MCEG York 4 th Quarter Claim Payment 2018- 19 | 14,170.00 | 1,417.00 |
| | Total | 39,724,062.70 | 3,972,406.00 |

National Disaster Mitigation Program

The Federal Government established the National Disaster Mitigation program (NDMP) to run from 2018-2020. The program was to identify increasing disaster risks and costs. The NDMP addresses rising flood risks and costs and builds the foundation for informed mitigation investments that could reduce, or even negate, the effects of flood events.

The NDMP fills a critical gap in Canada's ability to effectively mitigate, prepare for, respond to, and recover from, flood-related events by building a body of knowledge on flood risks in Canada, and investing in foundational flood mitigation activities.

Knowledge that is up-to-date and accessible will not only help governments, communities and individuals to understand flood risks and employ effective mitigation strategies to reduce the impacts of flooding but will also further discussions on developing a residential flood insurance market in Canada.

The NDMP was established to reduce the impacts of natural disasters on Canadians by:

- Focusing investments on significant, recurring flood risk and costs; and
- Advancing work to facilitate private residential insurance for overland flooding.

The Program was merit based and the Federal Government approved based on support from the Province. Two projects were approved in which the Infrastructure Secretariat was responsible to oversee claims. The Province was not required to costs share in the projects.

The Town of North Rustico received funding for the North Rustico Sea Walk project and Lennox Island received funding for the NDMP Emergency Preparedness Program. The total amount of funding from the Federal Government was \$609,500 and in 2019/2020 \$40,000 was expended and claimed. All commitments to the program have been achieved.

The following table shows the recipient and how much grant funding they expensed in 2019-20:

| NATIONAL DISASTER MITIGATION PROGRAM (NDMP) | | | |
|---|-------------------------------------|------------|--------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-2020 |
| Lennox Island First Nation | NDMP Emergency Preparedness Program | 40,000 | 40,000 |
| Total | | 40,000 | 40,000 |

New Building Canada Fund-National-Regional Projects

The Province decided to fund one project outside provincial projects under New Building Canada Fund-National-Regional Projects (NBCF-NRP). The Charlottetown Harbour Authority Inc. (CHAI) received approval for the Charlottetown Port Berth Expansion.

CHAI wished to expand the Charlottetown marine terminal to accommodate for future growth of cruise tourism for Prince Edward Island. CHAI entered into an agreement with the Government of Canada under the NBCF-NRP program; the Province agreed to provide up to \$4,000,000.00 in funding for the Project over a ten-year period, unless funding became available to be paid out earlier. The 2019/20 payment will end the Province's committed to the project.

The following table shows the recipient and how much in grant funding, they expensed in 2019/20:

| NEW BUILD CANADA FUND - NATIONAL REGIONAL PROGRAM (NBCF - NRP) | | | |
|---|------------------------------------|-------------------|---------------------|
| APPLICANT | PROJECT NAME | TOTAL COST | FY 2019-2020 |
| Charlottetown Harbour Authority Inc. | Charlottetown Port Berth Expansion | 4,000,000 | 1,367,057 |
| Total | | 4,000,000 | 1,367,057 |

ACCESS PEI

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

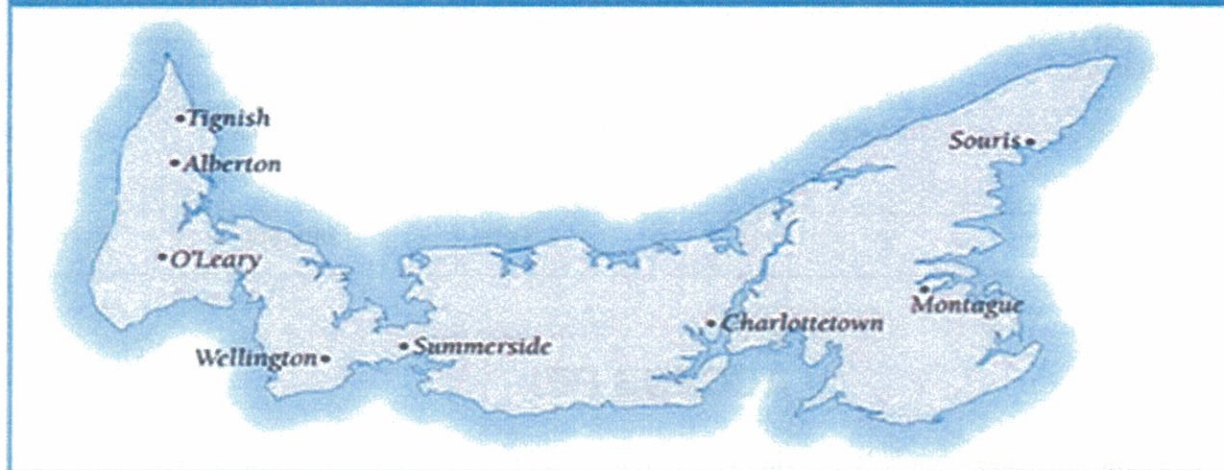
The purpose of the division is to provide quality services to Islanders through single window access to government programs, services and information. Islanders also access information through several hundred thousand telephone calls that are received and handled on an annual basis.

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 2019/2020 Access PEI served 179,674 customers and performed 442,918 Transactions totaling \$32,119,180 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 | 7,012 | 15,509 | \$907,707 | 2.83 |
| Borden Scale House | 26 | 319 | \$404,785 | 1.26 |
| Charlottetown | 80,231 | 189,414 | \$12,976,782 | 40.40 |
| Montague | 20,859 | 48,880 | \$3,560,874 | 11.09 |
| O'Leary | 7,637 | 16,703 | \$1,177,864 | 3.67 |
| Souris | 7,715 | 18,017 | \$1,344,546 | 4.18 |
| Summerside | 43,710 | 99,387 | \$7,749,540 | 24.13 |
| Tignish | 5,336 | 12,231 | \$746,552 | 2.32 |
| Wellington | 7,148 | 16,910 | \$1,182,129 | 3.68 |
| Online Motor Vehicle Renewals | | 25,548 | \$2,068,401 | 6.44 |
| TOTALS | 179,674 | 442,918 | \$32,119,180 | 100 |

ENERGY & MINERALS

Islanders want to help tackle climate change and they want to save on electricity. Energy efficiency plays an important role in helping reach our province's commitment to reducing greenhouse gas emissions while helping Islanders save money.

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. Through these efforts, efficiencyPEI has helped reduced CO2 emissions by 42,600 tonnes annually.

Since opening in 2008, efficiency PEI has provided

- over \$15.7 million in grants to over 15,000 residential clients
- a free weatherization service to 4,700 low-income homes
- Help for over 600 businesses to reduce their energy consumption

In 2019, efficiencyPEI's Winter Warming program (a free weatherization program for low-income households) was relaunched with an expanded scope of work and additional efficient products installed in each home. At the end of the fiscal year, 699 clients had received this help.

As well, efficiencyPEI added rebates for solar PV installations in 2019 on homes and businesses. Solar energy is projected to reduce greenhouse gas emissions by over 500 tonnes annually while helping people become more energy independent. efficiencyPEI's solar incentives provide a rebate of up to 40 per cent of the cost of installing solar panels – up to \$10,000. Financing is available through Finance PEI. 249 solar rebate applications were received by the end of the fiscal year.

As a result of this and past work, efficiencyPEI was named the Energy Efficiency Program Administrator of the Year in 2019 and the ENERGY STAR® Canada Advocate of the Year for 2020.

This year, the Energy and Minerals Division, with the PEI Energy Corporation, continued year three of implementation of recommendations from the Provincial Energy Strategy. Key actions in the past year included: the launch of solar energy incentive and financing programs for both business and residential clients, continued development of renewable energy projects, including a 30-MW wind farm and a microgrid project. As well, the past year saw the release of the Sustainable Transportation Action Plan, the result of a partnership between the Energy and Minerals Division and the Department of Environment, Water and Climate Change.

Statement of Ordinary Expenditures

2019-2020 FY

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|-------------------|------------------------------|
| CORPORATE SERVICES DIVISION | | |
| Executive Office | | |
| Administration | 13,564 | 32,000 |
| Equipment | - | 2,500 |
| Materials, Supplies & Services | 3,477 | 4,500 |
| Professional Services | 8,910 | - |
| Salaries | 476,113 | 500,800 |
| Travel & Training | 23,218 | 17,800 |
| | <u>525,282</u> | <u>557,600</u> |
| Corporate Services Administration | | |
| Administration | 20,732 | 19,900 |
| Equipment | 506 | 500 |
| Materials, Supplies & Services | 8,805 | 10,800 |
| Professional & Contract Services | 30 | 1,500 |
| Salaries | 237,489 | 244,500 |
| Travel & Training | 1,184 | 2,000 |
| Grants | 1,137,996 | 1,075,000 |
| | <u>1,406,742</u> | <u>1,354,200</u> |
| TOTAL CORPORATE SERVICES DIVISION | <u>1,932,024</u> | <u>1,911,800</u> |
| Infrastructure | | |
| Administration | 69,037 | 86,400 |
| Equipment | 7,054 | 13,000 |
| Materials, Supplies & Services | 5,411 | 13,200 |
| Professional & Contract Services | 61,925 | 395,000 |
| Salaries | 629,058 | 834,000 |
| Travel & Training | 6,590 | 18,700 |
| Grants | 51,540,965 | 109,658,000 |
| | <u>52,320,040</u> | <u>111,018,300</u> |
| Planning | | |
| Administration | 4,875 | 6,200 |
| Materials, Supplies & Services | 323 | - |
| Professional & Contract Services | 48,438 | - |
| Salaries | 129,887 | 178,200 |
| Travel & Training | 19,624 | 9,800 |
| | <u>203,147</u> | <u>194,200</u> |
| TOTAL INFRASTRUCTURE AND PLANNING | <u>52,523,187</u> | <u>111,212,500</u> |

HIGHWAY SAFETY DIVISION**Highway Safety Administration**

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|----------------------------------|------------------|------------------------------|
| Administration | 88,571 | 58,100 |
| Equipment | 8,349 | 900 |
| Materials, Supplies & Services | 21,656 | 16,900 |
| Professional & Contract Services | 300 | 32,500 |
| Salaries | 168,133 | 214,500 |
| Travel & Training | 6,439 | 43,700 |
| Grants | 50,000 | 50,000 |
| | <u>343,448</u> | <u>416,600</u> |

Promotion Highway Safety

| | | |
|----------------------------------|----------------|----------------|
| Administration | 328 | 1,000 |
| Equipment | 556 | 600 |
| Materials, Supplies & Services | 45,141 | 18,400 |
| Professional & Contract Services | - | 500 |
| Salaries | 677,971 | 779,300 |
| Travel & Training | 19,793 | 2,500 |
| | <u>743,789</u> | <u>802,300</u> |

Registration & Licensing

| | | |
|--------------------------------|------------------|------------------|
| Administration | 36 | 900 |
| Equipment | 4,047 | 4,000 |
| Materials, Supplies & Services | 406,818 | 310,600 |
| Salaries | 889,960 | 979,100 |
| Travel & Training | 4,759 | 700 |
| | <u>1,305,620</u> | <u>1,295,300</u> |

Highway Scales

| | | |
|--------------------------------|----------------|----------------|
| Administration | 288 | - |
| Equipment | 40,080 | 11,400 |
| Materials, Supplies & Services | 7,145 | 24,200 |
| Salaries | 667,537 | 648,300 |
| Travel & Training | - | 1,000 |
| | <u>715,050</u> | <u>684,900</u> |

TOTAL HIGHWAY SAFETY DIVISION

| | |
|------------------|------------------|
| <u>3,107,907</u> | <u>3,199,100</u> |
|------------------|------------------|

LAND AND ENVIRONMENT**Environmental Management**

| | | |
|----------------------------------|----------------|----------------|
| Administration | 5,557 | 8,700 |
| Equipment | - | 2,000 |
| Materials, Supplies & Services | 27,726 | 10,400 |
| Professional & Contract Services | 9,311 | 11,600 |
| Salaries | 477,170 | 522,200 |
| Travel & Training | 58,863 | 68,100 |
| | <u>578,627</u> | <u>623,000</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|----------------------------------|------------------|------------------------------|
| Properties | | |
| Administration | 120,662 | 128,200 |
| Equipment | - | 1,500 |
| Materials, Supplies & Services | 175,140 | 232,900 |
| Professional & Contract Services | 80,550 | 24,900 |
| Salaries | 867,052 | 951,100 |
| Travel & Training | 11,230 | 23,300 |
| | <u>1,254,634</u> | <u>1,361,900</u> |

| | | |
|----------------------------------|----------------|----------------|
| Surveys | | |
| Administration | 8,396 | 7,800 |
| Equipment | 2,401 | 8,200 |
| Materials, Supplies & Services | 7,592 | 12,800 |
| Professional & Contract Services | 480 | 3,000 |
| Salaries | 398,031 | 566,700 |
| Travel & Training | 198 | 8,000 |
| | <u>417,098</u> | <u>606,500</u> |

| | | |
|-------------------------------------|------------------|------------------|
| TOTAL LAND & ENVIRONMENT | <u>2,250,359</u> | <u>2,591,400</u> |
|-------------------------------------|------------------|------------------|

HIGHWAY MAINTENANCE DIVISION

Maintenance Administration - Director's Office

| | | |
|----------------------------------|----------------|----------------|
| Administration | 22,451 | 16,800 |
| Equipment | 4,101 | - |
| Materials, Supplies & Services | 506 | 1,000 |
| Professional & Contract Services | 13,893 | 66,000 |
| Salaries | 326,929 | 298,000 |
| Travel & Training | 19,242 | 11,900 |
| Grants | | |
| | <u>387,122</u> | <u>393,700</u> |

Inventory Control

| | | |
|--------------------------------|------------------|------------------|
| Administration | 3,985 | 3,000 |
| Debt | - 20 | - |
| Equipment | 575 | - |
| Materials, Supplies & Services | 2,071,519 | 612,800 |
| Salaries | 409,518 | 501,000 |
| Travel & Training | 6,819 | 6,000 |
| | <u>2,492,396</u> | <u>1,122,800</u> |

| | Actuals 19/20 FY | Budget Estimate 19/20 FY |
|--|------------------|-----------------------------|
| Prov Maintenance Road Program | | |
| Equipment | 5,150 | - |
| Materials, Supplies & Services | 1,034,297 | 1,715,100 |
| Professional Services | 3,061 | - |
| | <u>1,042,508</u> | <u>1,715,100</u> |
| Maintenance Administration - Western Region | | |
| Administration | 24,175 | 41,500 |
| Equipment | 2,273 | 600 |
| Materials, Supplies & Services | 6,882 | 2,600 |
| Salaries | 516,961 | 499,800 |
| Travel & Training | 732 | 2,500 |
| | <u>551,023</u> | <u>547,000</u> |
| Maintenance Administration - Eastern Region | | |
| Administration | 35,684 | 52,200 |
| Equipment | 365 | 400 |
| Materials, Supplies & Services | 48,533 | 700 |
| Salaries | 580,414 | 471,600 |
| Travel & Training | 4,680 | 3,200 |
| | <u>669,676</u> | <u>528,100</u> |
| Maintenance Administration - Central Region | | |
| Administration | 38,388 | 65,200 |
| Equipment | 4,555 | - |
| Materials, Supplies & Services | 5,288 | 600 |
| Salaries | 556,118 | 482,500 |
| Travel & Training | 1,502 | 800 |
| | <u>605,851</u> | <u>549,100</u> |
| Summer Maintenance - Western Region | | |
| Administration | 821 | - |
| Equipment | 8,112 | 6,500 |
| Materials, Supplies & Services | 2,065,375 | 1,478,400 |
| Professional Services | 530 | - |
| Salaries | 2,263,063 | 2,171,500 |
| Travel & Training | 43,812 | 63,400 |
| | <u>4,381,713</u> | <u>3,719,800</u> |
| Summer Maintenance - Eastern Region | | |
| Administration | 370 | - |
| Equipment | 2,460 | - |
| Materials, Supplies & Services | 1,640,007 | 1,193,100 |
| Professional Services | 390 | - |
| Salaries | 2,000,944 | 1,944,000 |
| Travel & Training | 48,638 | 35,100 |
| | <u>3,692,809</u> | <u>3,172,200</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Summer Maintenance - Central Region | | |
| Debt | 1,909 | - |
| Equipment | 5,104 | - |
| Materials, Supplies & Services | 2,803,741 | 1,814,600 |
| Salaries | 2,616,798 | 2,592,600 |
| Travel & Training | 74,966 | 75,000 |
| | <u>5,502,518</u> | <u>4,482,200</u> |
| Rails to Trails Maintenance | | |
| Administration | 1,922 | 3,400 |
| Equipment | 9,795 | - |
| Materials, Supplies & Services | 379,392 | 426,900 |
| Salaries | 948,732 | 1,019,700 |
| Travel & Training | 9,794 | 23,000 |
| | <u>1,349,635</u> | <u>1,473,000</u> |
| Winter Maintenance - Western Region | | |
| Administration | 379 | - |
| Equipment | 894 | - |
| Materials, Supplies & Services | 6,321,685 | 5,424,600 |
| Salaries | 340,121 | 325,000 |
| Travel & Training | 2,806 | - |
| | <u>6,665,885</u> | <u>5,749,600</u> |
| Winter Maintenance - Eastern Region | | |
| Administration | 234 | - |
| Materials, Supplies & Services | 3,772,632 | 3,019,600 |
| Salaries | 349,153 | 312,900 |
| Travel & Training | 3,656 | 4,000 |
| | <u>4,125,675</u> | <u>3,336,500</u> |
| Winter Maintenance - Central Region | | |
| Administration | 294 | - |
| Equipment | 445 | - |
| Materials, Supplies & Services | 6,640,800 | 5,691,000 |
| Salaries | 406,460 | 397,100 |
| Travel & Training | 2,296 | - |
| | <u>7,050,295</u> | <u>6,088,100</u> |
| Mechanical - Charlottetown Garage - Direct | | |
| Administration | 3,371 | 16,900 |
| Equipment | 20,744 | 3,500 |
| Materials, Supplies & Services | 2,616,163 | 2,236,300 |
| Professional & Contract Services | 480 | 4,100 |
| Salaries | 1,929,465 | 2,535,000 |
| Travel & Training | 97,583 | 132,900 |
| | <u>4,667,806</u> | <u>4,928,700</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Mechanical - Charlottetown Garage - Indirect | | |
| Administration | 81,304 | 69,000 |
| Equipment | 4,551 | 12,400 |
| Materials, Supplies & Services | 335,674 | 314,700 |
| Professional & Contract Services | 42,616 | 38,400 |
| Salaries | 546,327 | 670,800 |
| Travel & Training | 6,351 | 4,100 |
| | <u>1,016,823</u> | <u>1,109,400</u> |
| Mechanical - Summerside Garage - Direct | | |
| Administration | 976 | 14,400 |
| Equipment | (95) | 5,500 |
| Materials, Supplies & Services | 2,066,841 | 1,805,800 |
| Professional & Contract Services | 490 | 8,000 |
| Salaries | 2,019,095 | 2,147,400 |
| Travel & Training | 72,164 | 71,200 |
| | <u>4,159,471</u> | <u>4,052,300</u> |
| Mechanical - Summerside Garage - Indirect | | |
| Administration | 11,867 | 17,800 |
| Equipment | 14,494 | 18,700 |
| Materials, Supplies & Services | 8,989 | 15,000 |
| Salaries | 82,366 | 81,600 |
| Travel & Training | 15,992 | 5,400 |
| | <u>133,708</u> | <u>138,500</u> |
| Mechanical - Bridgetown Garage - Indirect | | |
| Administration | 7,719 | 15,600 |
| Equipment | 1,200 | 2,100 |
| Materials, Supplies & Services | 88,092 | 57,700 |
| Professional & Contract Services | 1,100 | 5,400 |
| Salaries | 205,148 | 202,300 |
| Travel & Training | 9,002 | 2,300 |
| | <u>312,261</u> | <u>285,400</u> |
| Mechanical - Bridgetown Garage - Direct | | |
| Administration | 115 | - |
| Equipment | 17,795 | 7,000 |
| Materials, Supplies & Services | 1,518,222 | 1,142,100 |
| Professional & Contract Services | 690 | 3,200 |
| Salaries | 1,267,630 | 1,203,900 |
| Travel & Training | 58,742 | 130,900 |
| | <u>2,863,194</u> | <u>2,487,100</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|-------------------|------------------------------|
| Mechanical - Operators - Western Region | | |
| Administration | - | 1,500 |
| Debt | - | - |
| Materials, Supplies, & Services | 11,043 | 14,000 |
| Professional & Contract Services | 430 | - |
| Salaries | 1,634,940 | 1,474,900 |
| Travel & Training | 13,109 | 18,700 |
| | <u>1,659,522</u> | <u>1,509,100</u> |
| Mechanical - Operators - Eastern Region | | |
| Administration | 39 | 200 |
| Materials, Supplies & Services | 18,723 | 28,000 |
| Professional & Contract Services | 375 | - |
| Salaries | 1,280,913 | 1,315,000 |
| Travel & Training | 27,024 | 21,800 |
| | <u>1,327,074</u> | <u>1,365,000</u> |
| Mechanical - Operators - Central Region | | |
| Administration | 253 | 3,800 |
| Materials, Supplies & Services | 16,448 | 50,300 |
| Professional & Contract Services | 505 | - |
| Salaries | 2,076,094 | 2,420,700 |
| Travel & Training | 20,940 | 45,900 |
| | <u>2,114,240</u> | <u>2,520,700</u> |
| TOTAL HIGHWAY MAINTENANCE DIVISION | <u>56,771,205</u> | <u>51,273,400</u> |
| PUBLIC WORKS & PLANNING | | |
| Public Works Operations - Administration | | |
| Administration | 12,895 | 21,100 |
| Equipment | 3,603 | 3,000 |
| Materials, Supplies & Services | 60,180 | 124,700 |
| Salaries | 653,148 | 1,005,700 |
| Travel & Training | 23,410 | 33,500 |
| | <u>753,236</u> | <u>1,188,000</u> |
| District Heating Plant | | |
| Materials, Supplies & Services | 1,560,178 | 1,662,200 |
| | <u>1,560,178</u> | <u>1,662,200</u> |
| Building Maintenance Direct - Mona Wilson Bldg. | | |
| Administration | 12,103 | 11,300 |
| Materials, Supplies & Services | 31,371 | 46,000 |
| Professional & Contract Services | 426 | - |
| | <u>43,900</u> | <u>57,300</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Building Maintenance Direct - Shaw, Sullivan & Jones Bldgs. | | |
| Administration | 489,003 | 481,000 |
| Equipment | 25,014 | 2,000 |
| Materials, Supplies & Services | 1,262,079 | 1,221,000 |
| Professional & Contract Services | 441,579 | 433,100 |
| Salaries | 1,228,346 | 1,207,200 |
| Travel & Training | 3,052 | 3,000 |
| | <u>3,449,073</u> | <u>3,347,300</u> |
| Building Maintenance Direct - Province House | | |
| Administration | 22,493 | 21,300 |
| Materials, Supplies & Services | (51,988) | 100,200 |
| Salaries | 53,139 | 46,600 |
| Travel & Training | 235 | - |
| | <u>23,879</u> | <u>168,100</u> |
| Building Maintenance Direct - Province House Annex | | |
| Administration | 8,212 | 8,300 |
| Materials, Supplies & Services | 47,799 | 49,400 |
| | <u>56,011</u> | <u>57,700</u> |
| Building Maintenance Direct - Government House | | |
| Administration | 21,478 | 22,500 |
| Materials, Supplies & Services | 121,589 | 104,300 |
| Professional & Contract Services | 1,390 | - |
| Salaries | 358,034 | 374,800 |
| Travel & Training | 365 | 1,500 |
| | <u>502,856</u> | <u>503,100</u> |
| Building Maintenance Direct - Customs House | | |
| Administration | 9,407 | 9,300 |
| Materials, Supplies & Services | 38,138 | 53,200 |
| Professional & Contract Services | 316 | - |
| | <u>47,861</u> | <u>62,500</u> |
| Building Maintenance Direct - Coles Bldg. | | |
| Administration | 42,484 | 41,900 |
| Equipment | 1,326 | - |
| Materials, Supplies & Services | 75,184 | 82,200 |
| Professional & Contract Services | 246 | - |
| Salaries | 57,350 | 71,600 |
| | <u>176,590</u> | <u>195,700</u> |
| Building Maintenance Direct - Prince County Jail & Courthouse | | |
| Administration | 20,386 | 20,000 |
| Materials, Supplies & Services | 127,635 | 93,400 |
| Professional & Contract Services | 216 | - |
| Salaries | 234 | 50,600 |
| | <u>148,471</u> | <u>164,000</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Maintenance Direct - Summerside Youth Centre | | |
| Administration | 90,418 | 90,000 |
| Materials, Supplies & Services | 233,712 | 240,400 |
| Professional & Contract Services | 192 | - |
| | <u>324,322</u> | <u>330,400</u> |
| Building Maintenance Direct - Provincial Correctional Centre | | |
| Administration | 38,750 | 40,000 |
| Equipment | 489 | - |
| Materials, Supplies & Services | 510,076 | 476,900 |
| Professional & Contract Services | 500 | - |
| | <u>549,815</u> | <u>516,900</u> |
| Building Maintenance Direct - Montague Office Complex | | |
| Materials, Supplies & Services | 92,144 | 94,000 |
| Professional & Contract Services | 1,411 | - |
| | <u>93,555</u> | <u>94,000</u> |
| Building Maintenance Direct - Southern Kings/Queens RSC | | |
| Administration | 4,656 | 5,200 |
| Equipment | - | - |
| Materials, Supplies & Services | 92,294 | 87,600 |
| Professional & Contract Services | 485 | - |
| | <u>97,435</u> | <u>92,800</u> |
| Building Maintenance Direct - West Prince RSC | | |
| Administration | 6,817 | 8,000 |
| Materials, Supplies & Services | 70,219 | 68,500 |
| Professional Services | 417 | - |
| | <u>77,453</u> | <u>76,500</u> |
| Building Maintenance Direct - Prince Edward Home | | |
| Materials, Supplies & Services | 4,003 | 50,000 |
| | <u>4,003</u> | <u>50,000</u> |
| Building Maintenance Direct - Access PEI S'side | | |
| Administration | 53,466 | 50,000 |
| Equipment | 800 | - |
| Materials, Supplies & Services | 198,059 | 268,500 |
| Professional & Contract Services | 1,419 | - |
| | <u>253,744</u> | <u>318,500</u> |
| Building Maintenance Direct - Highway Testing Lab | | |
| Materials, Supplies & Services | 49,573 | 47,700 |
| Salaries | 21,944 | 34,000 |
| | <u>71,517</u> | <u>81,700</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Maintenance Direct - Brighton Road Office Complex | | |
| Administration | 733 | 700 |
| Equipment | 6,717 | - |
| Materials, Supplies & Services | 35,263 | 37,700 |
| Professional & Contract Services | 434 | - |
| Salaries | 13,433 | 28,100 |
| | <u>56,580</u> | <u>66,500</u> |
| Building Maintenance Direct - Holland College Royalty Operations | | |
| Administration | 146,998 | 145,000 |
| Materials, Supplies & Services | 361,984 | 319,700 |
| Professional & Contract Services | 480 | - |
| | <u>509,462</u> | <u>464,700</u> |
| Building Maintenance Direct - S'side Garage - Slemon Park | | |
| Administration | 21,836 | 26,000 |
| Materials, Supplies & Services | 194,767 | 199,600 |
| Professional Services | 246 | - |
| | <u>216,849</u> | <u>225,600</u> |
| Building Maintenance Direct - TIE Surplus Warehouse | | |
| Equipment | 750 | - |
| Materials, Supplies & Services | 17,483 | 21,200 |
| Professional & Contract Services | 346 | - |
| | <u>18,579</u> | <u>21,200</u> |
| Building Maintenance Direct - Kings County Courthouse | | |
| Administration | 1,771 | 3,600 |
| Materials, Supplies & Services | 29,340 | 28,100 |
| | <u>31,111</u> | <u>31,700</u> |
| Building Maintenance Direct - Scale Houses | | |
| Administration | 4,502 | 4,500 |
| Materials, Supplies & Services | 58,204 | 81,700 |
| Salaries | 5,491 | 5,500 |
| Travel & Training | 46 | - |
| | <u>68,243</u> | <u>91,700</u> |
| Building Maintenance Direct - Environment Warehouse | | |
| Materials, Supplies & Services | 13,374 | 19,500 |
| Professional & Contract Services | 340 | - |
| | <u>13,714</u> | <u>19,500</u> |
| Building Maintenance Direct - Acadian Museum | | |
| Administration | 2,983 | 5,000 |
| Materials, Supplies & Services | 14,748 | 15,300 |
| | <u>17,731</u> | <u>20,300</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Maintenance Direct - Basin Head Museum | | |
| Administration | 903 | 1,000 |
| Materials, Supplies & Services | 10,616 | 17,500 |
| | <u>11,519</u> | <u>18,500</u> |
| Building Maintenance Direct - Orwell Historic Village | | |
| Administration | 26 | - |
| Materials, Supplies & Services | 6,639 | 12,000 |
| | <u>6,665</u> | <u>12,000</u> |
| Building Maintenance Direct - Yeo House | | |
| Equipment | 500 | - |
| Materials, Supplies & Services | 13,558 | 11,500 |
| Professional & Contract Services | 307 | |
| | <u>14,365</u> | <u>11,500</u> |
| Building Maintenance Direct - MacPhail Homestead | | |
| Administration | 20 | - |
| Materials, Supplies & Services | 9,126 | 16,500 |
| Professional & Contract Services | 240 | - |
| | <u>9,386</u> | <u>16,500</u> |
| Building Maintenance Direct - Belmont St Food Bank | | |
| Materials, Supplies & Services | 26,021 | 30,000 |
| | <u>26,021</u> | <u>30,000</u> |
| Building Maintenance Direct - Montague Food Bank | | |
| Materials, Supplies & Services | 10,837 | 23,000 |
| | <u>10,837</u> | <u>23,000</u> |
| Building Maintenance Direct - Tyne Valley Youth Centre | | |
| Administration | 2,658 | 2,700 |
| Materials, Supplies & Services | 58,629 | 57,600 |
| | <u>61,287</u> | <u>60,300</u> |
| Building Maintenance Direct - Lea Crane Building | | |
| Administration | 3,170 | 6,400 |
| Materials, Supplies & Services | 39,637 | 38,600 |
| Salaries | 22,163 | 22,500 |
| Travel & Training | 48 | - |
| | <u>65,018</u> | <u>67,500</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Maintenance Direct - Potato Services Bldg. - Kensington | | |
| Administration | 4,120 | 4,100 |
| Materials, Supplies & Services | 38,910 | 43,500 |
| Professional Services | 246 | - |
| | <u>43,276</u> | <u>47,600</u> |
| Building Maintenance Direct - Tignish Sign Shop | | |
| Administration | 2,479 | 2,400 |
| Materials, Supplies & Services | 32,407 | 31,500 |
| | <u>34,886</u> | <u>33,900</u> |
| Building Maintenance Direct - Tignish Body Shop | | |
| Administration | 7,046 | 7,000 |
| Materials, Supplies & Services | 61,386 | 60,300 |
| Professional & Contract Services | 246 | - |
| | <u>68,678</u> | <u>67,300</u> |
| Building Maintenance Direct - Alma Field Office | | |
| Materials, Supplies & Services | 44,800 | 29,500 |
| Professional & Contract Services | 243 | - |
| | <u>45,043</u> | <u>29,500</u> |
| Tyne Valley Medical Centre | | |
| Materials, Supplies & Services | 25,030 | 36,000 |
| | <u>25,030</u> | <u>36,000</u> |
| Building Maintenance Direct - Brudenell Park | | |
| Administration | 112,293 | 112,300 |
| Materials, Supplies & Services | 25,406 | 9,000 |
| | <u>137,699</u> | <u>121,300</u> |
| Building Maintenance Direct - St. Eleanor's House | | |
| Materials, Supplies & Services | 18,632 | 11,300 |
| | <u>18,632</u> | <u>11,300</u> |
| Building Maintenance Direct - Forestry Office - Queens | | |
| Administration | 11,141 | 12,000 |
| Materials, Supplies & Services | 16,371 | 20,500 |
| Professional & Contract Services | 590 | - |
| | <u>28,102</u> | <u>32,500</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Building Maintenance Direct - Forestry Office - Prince | | |
| Materials, Supplies & Services | 11,891 | 21,100 |
| Salaries | 5,614 | 5,500 |
| Travel & Training | 81 | - |
| | <u>17,586</u> | <u>26,600</u> |
| Building Maintenance Direct - Forestry Office - Kings | | |
| Materials, Supplies & Services | 46,521 | 30,500 |
| | <u>46,521</u> | <u>30,500</u> |
| Building Maintenance Direct - VIC Cavendish | | |
| Administration | 734 | 1,000 |
| Materials, Supplies & Services | 58,473 | 38,200 |
| Salaries | 15,734 | 25,300 |
| | <u>74,941</u> | <u>64,500</u> |
| Building Maintenance Direct - VIC Mt. Pleasant | | |
| Materials, Supplies & Services | 7,148 | 10,900 |
| Professional Services | 331 | - |
| Salaries | 6,665 | 10,700 |
| Travel & Training | 29 | - |
| | <u>14,173</u> | <u>21,600</u> |
| Building Maintenance Direct - Vet Clinic - O'Leary | | |
| Materials, Supplies & Services | 26,030 | 31,000 |
| | <u>26,030</u> | <u>31,000</u> |
| Building Maintenance Direct - Access PEI - Alberton | | |
| Administration | 2,186 | 2,200 |
| Materials, Supplies & Services | 27,353 | 30,300 |
| Professional Services | 382 | - |
| Salaries | 5,239 | - |
| | <u>35,160</u> | <u>32,500</u> |
| Building Maintenance Direct - Analytical Lab - Upton Road | | |
| Administration | 9,399 | 9,500 |
| Materials, Supplies & Services | 302,106 | 282,900 |
| Professional & Contract Services | 300 | - |
| | <u>311,805</u> | <u>292,400</u> |
| Building Maintenance Direct - Kensington Post Office | | |
| Administration | 5,648 | 5,800 |
| Materials, Supplies & Services | 57,825 | 58,200 |
| | <u>63,473</u> | <u>64,000</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Building Maintenance Direct - Murchison House | | |
| Materials, Supplies & Services | 12,119 | 12,500 |
| | <u>12,119</u> | <u>12,500</u> |
| Building Maintenance Direct - Queens Wharf | | |
| Administration | 25,919 | - |
| Materials, Supplies & Services | 42,356 | - |
| | <u>68,275</u> | <u>-</u> |
| Building Accommodations - Small Lease | | |
| Administration | 1,765,514 | 1,927,100 |
| Materials, Supplies & Services | 14,553 | 74,000 |
| Professional & Contract Services | 818 | - |
| | <u>1,780,885</u> | <u>2,001,100</u> |
| Building Accommodations - Evangeline RSC | | |
| Administration | 58,470 | 67,800 |
| Materials, Supplies & Services | 3,635 | 5,000 |
| Professional Services | 246 | - |
| | <u>62,351</u> | <u>72,800</u> |
| Building Accommodations - Johnny Ross Young RSC | | |
| Administration | 258,271 | 256,300 |
| Materials, Supplies & Services | 36,008 | 7,000 |
| Professional & Contract Services | 246 | - |
| | <u>294,525</u> | <u>263,300</u> |
| Building Accommodations - Queens Region Health Authority - Ellis Bros Bldg. | | |
| Administration | 912,467 | 883,000 |
| Materials, Supplies & Services | 5,124 | - |
| Professional & Contract Services | 1,068 | - |
| | <u>918,659</u> | <u>883,000</u> |
| Building Accommodations - Health Agency Younker, Roche Bldg. | | |
| Administration | - | 604,400 |
| Materials, Supplies & Services | 4,712 | 400 |
| Professional Services | | |
| | <u>4,712</u> | <u>604,800</u> |
| Building Accommodations - Prov Library Morell | | |
| Administration | 210,516 | 210,100 |
| Materials, Supplies & Services | 370 | - |
| | <u>210,886</u> | <u>210,100</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Building Accommodations - St. Paul's Rectory | | |
| Administration | 33,053 | 25,000 |
| Materials, Supplies & Services | 18,510 | 25,900 |
| | <u>51,563</u> | <u>50,900</u> |
| Building Accommodations - E. Blanchard (Gordon Drive) | | |
| Administration | 100,863 | 135,000 |
| Materials, Supplies & Services | 34,294 | 23,800 |
| Professional & Contract Services | 396 | - |
| | <u>135,553</u> | <u>158,800</u> |
| Building Accommodations - Concorde Building | | |
| Administration | 151,000 | 155,100 |
| | <u>151,000</u> | <u>155,100</u> |
| Building Accommodations - Davies Law Courts | | |
| Administration | 389,881 | 755,700 |
| Materials, Supplies & Services | 210,366 | 206,600 |
| Professional & Contract Services | 232,010 | 213,200 |
| | <u>832,257</u> | <u>1,175,500</u> |
| Building Accommodations - Highway Safety Office | | |
| Administration | 195,628 | 205,300 |
| Materials, Supplies & Services | 5,309 | 5,000 |
| | <u>200,937</u> | <u>210,300</u> |
| Building Accommodations - Fisheries Warehouse | | |
| Administration | 44,981 | 46,200 |
| Materials, Supplies & Services | 22,219 | 23,100 |
| | <u>67,200</u> | <u>69,300</u> |
| Building Accommodations - Kelly Bldg. - Courthouse | | |
| Administration | 147,379 | 370,000 |
| Materials, Supplies & Services | - | 17,600 |
| | <u>147,379</u> | <u>387,600</u> |
| Building Accommodations - Brecken Yates Building | | |
| Administration | 227,682 | 229,400 |
| Materials, Supplies & Services | 177 | - |
| | <u>227,859</u> | <u>229,400</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Accommodations - SRDC 109 Water Street | | |
| Administration | 144,396 | 180,000 |
| | <u>144,396</u> | <u>180,000</u> |
| Building Accommodations - Confederation Centre & Libraries | | |
| Administration | 178,000 | 178,000 |
| | <u>178,000</u> | <u>178,000</u> |
| Building Accommodations - Gateway Village VIC | | |
| Administration | 70,535 | 70,000 |
| | <u>70,535</u> | <u>70,000</u> |
| Building Accommodations - Confederation Court Lease - EMO | | |
| Administration | 69,803 | 36,000 |
| | <u>69,803</u> | <u>36,000</u> |
| Building Accommodations - Donald Bondy Bldg. | | |
| Administration | 355,780 | 360,200 |
| Materials, Supplies & Services | 39,943 | 30,000 |
| Professional Services | 246 | |
| | <u>395,969</u> | <u>390,200</u> |
| Building Accommodations - Hunter River Health Centre | | |
| Administration | 84,000 | 84,000 |
| | <u>84,000</u> | <u>84,000</u> |
| Building Accommodations - Summerside Medical Centre | | |
| Administration | 227,888 | 228,500 |
| | <u>227,888</u> | <u>228,500</u> |
| Building Accommodations - Polyclinic | | |
| Administration | 234,774 | 296,900 |
| | <u>234,774</u> | <u>296,900</u> |
| Building Accommodations - Pharmtech-Friendly Pharmacy | | |
| Administration | 169,214 | 193,500 |
| | <u>169,214</u> | <u>193,500</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Accommodations - Dept. of Fisheries-Montague | | |
| Administration | 256,070 | 284,100 |
| Professional & Contract Services | 399 | - |
| | <u>256,469</u> | <u>284,100</u> |
| Building Accommodations - Dept. of Education - Summerside | | |
| Administration | 874,450 | 851,600 |
| Materials, Supplies & Services | 41,012 | 42,000 |
| Professional & Contract Services | 1,049 | - |
| | <u>916,511</u> | <u>893,600</u> |
| Building Accommodations - VIC - Charlottetown Airport | | |
| Administration | 23,310 | 15,700 |
| Materials, Supplies & Services | (4,074) | 7,300 |
| | <u>19,236</u> | <u>23,000</u> |
| Building Accommodations - VIC - Wood Islands | | |
| Administration | 36,965 | 37,000 |
| Materials, Supplies & Services | 1,107 | 900 |
| Salaries | 18,245 | 16,300 |
| Travel & Training | 55 | - |
| | <u>56,372</u> | <u>54,200</u> |
| Building Accommodations - Harbour Quay - Summerside | | |
| Administration | 8,928 | 10,800 |
| Materials, Supplies & Services | 2,651 | 5,000 |
| | <u>11,579</u> | <u>15,800</u> |
| Building Accommodations - Kensington Laundry | | |
| Administration | 80,911 | 62,100 |
| Materials, Supplies & Services | 5,455 | 15,000 |
| | <u>86,366</u> | <u>77,100</u> |
| Building Accommodations - Fire Arms Office - Charlottetown | | |
| Administration | 17,565 | 17,600 |
| Materials, Supplies & Services | 6,188 | 8,000 |
| | <u>23,753</u> | <u>25,600</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|---|------------------|------------------------------|
| Building Accommodations - 75 Fitzroy Street | | |
| Administration | 41,475 | 41,500 |
| | <u>41,475</u> | <u>41,500</u> |
| Building Accommodations - Records Centre Slemon Park | | |
| Administration | 152,571 | 155,000 |
| Materials, Supplies & Services | 714 | |
| | <u>153,285</u> | <u>155,000</u> |
| Building Accommodations - Efficiency PEI | | |
| Administration | - | 66,500 |
| Materials, Supplies & Services | 222 | - |
| | <u>222</u> | <u>66,500</u> |
| Building Accommodations - 85 Fitzroy Street | | |
| Administration | 100,733 | 92,000 |
| | <u>100,733</u> | <u>92,000</u> |
| Building Accommodations - The Mount | | |
| Administration | 189,934 | 217,300 |
| Materials, Supplies & Services | 51,135 | - |
| | <u>241,069</u> | <u>217,300</u> |
| Building Accommodations - ATC Provincial Archives | | |
| Administration | 85,200 | 95,000 |
| | <u>85,200</u> | <u>95,000</u> |
| Building Accommodations - Queens County Highway Stores | | |
| Equipment | 3,548 | - |
| Materials, Supplies & Services | 745 | |
| | <u>4,293</u> | <u>-</u> |
| Building Accommodations - 500 Queen Street | | |
| Administration | 44,610 | - |
| Equipment | 1,432 | - |
| Materials, Supplies & Services | 83,523 | - |
| | <u>129,565</u> | <u>-</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|-------------------|------------------------------|
| Building Accommodations - Summerside Covid Clinic | | |
| Administration | 122 | - |
| | <u>122</u> | <u>-</u> |
| Director's Office | | |
| Administration | 7,381 | 12,000 |
| Equipment | 1,672 | - |
| Materials, Supplies & Services | 586,990 | 119,100 |
| Professional & Contract Services | 67,388 | 110,000 |
| Salaries | 240,337 | 270,100 |
| Travel & Training | 5,618 | 12,900 |
| | <u>909,386</u> | <u>524,100</u> |
| Building Construction | | |
| Administration | 5,597 | 200 |
| Equipment | 559 | - |
| Materials, Supplies & Services | 1,967 | 1,400 |
| Salaries | 361,725 | 431,200 |
| Travel & Training | 94 | 23,200 |
| | <u>369,942</u> | <u>456,000</u> |
| Building Design | | |
| Administration | 11,544 | - |
| Equipment | 1,063 | - |
| Materials, Supplies & Services | 2,600 | - |
| Professional & Contract Services | 100 | - |
| Salaries | 536,214 | 463,400 |
| Travel & Training | 42,551 | 9,900 |
| | <u>594,072</u> | <u>473,300</u> |
| TOTAL PUBLIC WORKS & PLANNING | <u>21,102,690</u> | <u>22,725,400</u> |
| CAPITAL PROJECTS DIVISION | | |
| TRAFFIC OPERATIONS | | |
| Traffic Operations Management | | |
| Administration | 7,074 | 6,100 |
| Equipment | 21,370 | 1,000 |
| Materials, Supplies & Services | 8,187 | 13,600 |
| Professional & Contract Services | 4,586 | 1,300 |
| Salaries | 352,346 | 320,800 |
| Travel & Training | 26,243 | 14,400 |
| | <u>419,806</u> | <u>357,200</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|------------------|------------------------------|
| Traffic Operations - Western Region | | |
| Administration | 7,013 | 4,400 |
| Equipment | 10,072 | 1,300 |
| Materials, Supplies & Services | 384,323 | 228,600 |
| Professional & Contract Services | 40 | 2,200 |
| Salaries | 618,095 | 508,400 |
| Travel & Training | 25,866 | 8,700 |
| | <u>1,045,409</u> | <u>753,600</u> |
| Traffic Operations - Central Region | | |
| Administration | 7,301 | 14,400 |
| Equipment | 1,888 | 5,000 |
| Materials, Supplies & Services | 1,148,008 | 709,200 |
| Professional & Contract Services | 191 | 400 |
| Salaries | 949,280 | 1,082,400 |
| Travel & Training | 30,358 | 23,000 |
| | <u>2,137,026</u> | <u>1,834,400</u> |
| Sign Shop | | |
| Administration | 4,695 | 5,700 |
| Materials, Supplies & Services | 139,533 | 100,700 |
| Professional & Contract Services | | 3,600 |
| Salaries | 261,765 | 213,000 |
| Travel & Training | 506 | 1,000 |
| | <u>406,499</u> | <u>324,000</u> |
| Chief Engineer's Office | | |
| Administration | 33,734 | 24,900 |
| Equipment | 988 | 800 |
| Materials, Supplies & Services | 34,511 | 500 |
| Professional & Contract Services | 45,095 | 39,500 |
| Salaries | 247,723 | 258,600 |
| Travel & Training | 29,021 | 9,800 |
| | <u>391,072</u> | <u>334,100</u> |
| Eastern Region | | |
| Administration | 11,311 | 21,300 |
| Equipment | 2,215 | 10,400 |
| Materials, Supplies & Services | 448,463 | 13,600 |
| Professional & Contract Services | - | 2,000 |
| Salaries | 881,842 | 904,700 |
| Travel & Training | 6,266 | 19,800 |
| | <u>1,350,097</u> | <u>971,800</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|-------------------|------------------------------|
| Western Region | | |
| Administration | 9,629 | 31,000 |
| Equipment | 3,189 | 16,700 |
| Materials, Supplies & Services | 31,680 | 21,800 |
| Professional & Contract Services | 365 | 500 |
| Salaries | 915,691 | 921,800 |
| Travel & Training | 26,021 | 14,900 |
| | 986,575 | 1,006,700 |
| Engineering Services Operations | | |
| Administration | 2,532 | 1,000 |
| Equipment | - | 900 |
| Materials, Supplies & Services | 1,299 | 600 |
| Salaries | 255,126 | 227,300 |
| Travel & Training | 10,695 | 6,400 |
| | 269,652 | 236,200 |
| Highway Enhancement | | |
| Salaries | 489,728 | 106,400 |
| | 489,728 | 106,400 |
| Bridge Maintenance Operations | | |
| Administration | 2,073 | 5,200 |
| Equipment | 249 | - |
| Materials, Supplies & Services | 2,895,745 | 1,464,500 |
| Professional & Contract Services | 459,612 | 420,000 |
| Salaries | 518,003 | 526,200 |
| Travel & Training | 30,599 | 9,600 |
| | 3,906,281 | 2,425,500 |
| Highway Design | | |
| Administration | 9,114 | 9,000 |
| Equipment | 3,388 | 500 |
| Materials, Supplies & Services | 8,967 | 5,500 |
| Professional & Contract Services | 250 | 4,800 |
| Salaries | 572,541 | 606,900 |
| Travel & Training | 26,635 | 10,300 |
| | 620,895 | 637,000 |
| Materials Testing Lab | | |
| Administration | 31,419 | 12,400 |
| Equipment | 6,472 | 23,800 |
| Materials, Supplies & Services | 19,605 | 9,700 |
| Professional & Contract Services | 6,540 | 5,000 |
| Salaries | 1,135,736 | 1,293,900 |
| Travel & Training | 31,802 | 23,400 |
| | 1,231,574 | 1,368,200 |
| TOTAL CAPITAL PROJECTS DIVISION | 13,254,614 | 10,355,100 |

ACCESS PEI

Budget Estimates
Actuals 19/20 FY 19/20 FY

Access Division Management

| | | |
|----------------------------------|----------------|----------------|
| Administration | 11,460 | 10,800 |
| Debt | 6,075 | - |
| Materials, Supplies & Services | - | 4,000 |
| Professional & Contract Services | 93,890 | 66,500 |
| Salaries | 158,536 | 229,700 |
| Travel & Training | 10,028 | 25,700 |
| | <u>279,989</u> | <u>336,700</u> |

Summerside Access PEI

| | | |
|--------------------------------|----------------|----------------|
| Administration | 13,340 | 13,500 |
| Debt | 5,888 | 6,500 |
| Equipment | - | 1,200 |
| Materials, Supplies & Services | 3,889 | 4,400 |
| Salaries | 572,740 | 516,500 |
| Travel & Training | 2,708 | 2,900 |
| | <u>598,565</u> | <u>545,000</u> |

Souris Access PEI

| | | |
|--------------------------------|----------------|----------------|
| Administration | 12,292 | 11,300 |
| Equipment | 2,638 | 900 |
| Materials, Supplies & Services | 6,330 | 3,500 |
| Salaries | 318,188 | 309,100 |
| Travel & Training | 2,439 | 4,700 |
| | <u>341,887</u> | <u>329,500</u> |

West Prince Access Centres

| | | |
|----------------------------------|----------------|----------------|
| Administration | 10,113 | 17,400 |
| Debt | 574 | 700 |
| Equipment | 927 | 1,300 |
| Materials, Supplies & Services | 2,484 | 4,600 |
| Professional & Contract Services | 220 | - |
| Salaries | 399,308 | 418,200 |
| Travel & Training | 7,855 | 8,700 |
| | <u>421,481</u> | <u>450,900</u> |

Montague Access PEI

| | | |
|--------------------------------|----------------|----------------|
| Administration | 10,725 | 13,800 |
| Debt | - | 1,000 |
| Equipment | - | 700 |
| Materials, Supplies & Services | 1,939 | 4,800 |
| Salaries | 324,807 | 282,200 |
| Travel & Training | 1,264 | 2,800 |
| | <u>338,735</u> | <u>305,300</u> |

| | Actuals 19/20 FY | Budget Estimates 19/20 FY |
|--|--------------------|------------------------------|
| Wellington Access PEI | | |
| Administration | 5,236 | 6,300 |
| Debt | 166 | 200 |
| Equipment | 487 | - |
| Materials, Supplies & Services | 813 | 4,000 |
| Salaries | 114,714 | 116,500 |
| Travel & Training | 400 | 500 |
| | <u>121,816</u> | <u>127,500</u> |
| Riverside Dr. Access PEI | | |
| Administration | 15,237 | 15,100 |
| Equipment | 365 | 1,100 |
| Materials, Supplies & Services | 3,803 | 4,800 |
| Professional & Contract Services | 240 | 100 |
| Salaries | 712,669 | 808,000 |
| Travel & Training | 203 | 1,800 |
| | <u>732,517</u> | <u>830,900</u> |
| TOTAL ACCESS PEI | <u>2,834,990</u> | <u>2,925,800</u> |
| ENERGY AND MINERALS | | |
| Energy and Minerals | | |
| Administration | 35 | 4,000 |
| Equipment | - | 4,600 |
| Materials, Supplies & Services | 358 | 3,000 |
| Professional & Contract Services | 18,442 | 55,800 |
| Salaries | 60,940 | 56,100 |
| Travel & Training | 2,917 | 15,200 |
| | <u>82,692</u> | <u>138,700</u> |
| Office of Energy Efficiency | | |
| Administration | 84,122 | 101,000 |
| Equipment | 19,500 | 28,000 |
| Materials, Supplies & Services | 415,065 | 789,100 |
| Professional & Contract Services | 586,398 | 692,100 |
| Salaries | 1,009,781 | 1,365,900 |
| Travel & Training | 31,438 | 65,500 |
| Grants | 13,027,226 | 11,361,900 |
| | <u>15,173,530</u> | <u>14,403,500</u> |
| TOTAL ENERGY | <u>15,256,222</u> | <u>14,542,200</u> |
| TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY | <u>169,033,198</u> | <u>220,736,700</u> |

Statement of Capital Expenditures

Year Ending March 31, 2020

BRIDGES

Eastern Region

| | | |
|--|---------|----------------|
| K2-019 Southampton Bridge Replacement | 9,964 | |
| K3-038 Souris Bridge Replacement | 15,675 | |
| K3-048 Hazelgreen Bridge Replacement C/O | 53,769 | |
| Basin Head Wharf | 104,636 | |
| Total Eastern Region | | 184,044 |

Central Region

| | | |
|---|---------|----------------|
| Q1-030 Gunn's Bridge Structure Replacement - Disaster Financial Assistance Agreement | 95,464 | |
| Q4-010 Wood Islands Bridge Replacement | 298,766 | |
| Q1-024 Morris Bridge | 79,544 | |
| Q4-041 Seal River Bridge Replacement | 13,750 | |
| Q1-049 Old Post Road Bridge Replacement | 13,555 | |
| New Glasgow Route 258 Bridge Replacement | 276,729 | |
| Q4-031 Orwell Bridge Replacement | 13,750 | |
| New Glasgow Route 13 Bridge Replacement | 9,964 | |
| Total Central Region | | 801,522 |

Western Region

| | | |
|---|---------|------------------|
| P1-039 Kildare Capes Structure Replacement - Disaster Financial Assistance Agreement | 45,219 | |
| P4-018 South Freetown Bridge Replacement | 483,290 | |
| P1-021 Anglo Tignish Bridge Replacement | 431,729 | |
| P2-08 Cape Wolfe Structure Replacement | 268,319 | |
| P4-017 Emerald Bridge Replacement | 14,036 | |
| Total Western Region | | 1,242,593 |

TOTAL BRIDGES

2,228,159

HIGHWAY RECONSTRUCTION

Other

| | | |
|--|---------|------------------|
| Route 2 St. Peters Bay Causeway Protection - Disaster Financial Assistance Agreement | 171,956 | |
| Land Purchases for Capital Projects for Western Region | 100,500 | |
| Land Purchases for Capital Projects for Eastern Region | 2,100 | |
| Route 1 - Borden Carleton (left turn lane) | 207,508 | |
| Chelton Road- Chelton 2019 | 325,481 | |
| Ross Corner Road - Cul De Sac | 83,572 | |
| Ferry Terminal Parking Lot-Borden Carleton | 117,253 | |
| Route 2 St. Peters & St. Paul Left Turn Lane | 582,221 | |
| Maryland Subdivision Road | 56,042 | |
| Route 243 Greenvale (Millboro Road) | 567,799 | |
| Sheppard's Road | 139,915 | |
| Crowbush Shore Protection (c/over) | 129,709 | |
| Total Other | | 2,484,056 |

2,484,056

TOTAL HIGHWAY RECONSTRUCTION

PROVINCIAL PAVING

Eastern Region

| | | |
|-----------------------------|--------|---------------|
| Gravel Various Roads | 45,891 | |
| Fund Shouldering Operations | 31,238 | |
| Total Eastern Region | | 77,129 |

Central Region

| | | |
|--|---------|----------------|
| Asphalt Supply & Place - Island Construction | 56,023 | |
| Fund Shouldering Operations | 10,563 | |
| Gravel Various Roads | 218,081 | |
| Total Central Region | | 284,667 |

Western Region

| | | |
|--|---------|----------------|
| Asphalt Supply & Place - Curran & Briggs Ltd | 53,623 | |
| Fund Shouldering Operations | 81,556 | |
| Gravel Various Roads | 217,051 | |
| Asphalt Supply & Place - Chapman Bros. | 72,177 | |
| Total Western Region | | 424,407 |

Provincial Paving - Cost Shared

| | | |
|--|-----------|------------------|
| Provincial Paving - Gas Tax | 228,172 | |
| Provincial Paving - Investing in Canada Infrastructure Program | 6,618,709 | |
| Total Provincial Paving Cost Shared | | 6,846,881 |

7,633,084

TOTAL PROVINCIAL PAVING

COST SHARED PROJECTS

Gas Tax Projects

| | | |
|---|-----------|------------------|
| Route 2 & Granville St. Roundabout (2017 carry over) | 4,264,088 | |
| K4-013 Murray River Bridge Replacement | 80,230 | |
| Q5-009 Hillsborough Bridge Structural Steel Replacement | 302,898 | |
| Route 101 Kensington 2019 | 389,515 | |
| Route 124 Wellington 2019 | 108,609 | |
| Route 152 St Louis Storm Sewer | 139,349 | |
| Route 12 Miscouche 2019 | 178,224 | |
| Kensington - Park Street 2019 | 119,098 | |
| Mill Road Wellington Storm Sewer | 277,276 | |
| Patrick Street Montague 2019 | 336,545 | |
| Route 356 Collins Road New Perth | 560,057 | |
| Route 1 Charlottetown Riverside Drive 2019 | 378,635 | |
| Route 15 Brackley 2019 | 386,960 | |
| Hillsborough Bridge Retro Fit | 1,639,428 | |
| Total Gas Tax Projects | | 9,160,912 |

New Build Canada Fund

| | | |
|---|-----------|--|
| Charlottetown Perimeter Highway & St. Peter's Rd Intersection | 783,906 | |
| Trans-Canada Highway Extension Phase 2B (c/over) 2018 | 5,662,554 | |
| Trans-Canada Highway Extension Phase 2B 2019 | 7,041,123 | |

| | |
|--|-----------|
| Route 109 & 111 - Newton Roundabout 2018 | 79,596 |
| Route 1 Trans-Canada Highway- Stratford 2018 | 6,145,752 |
| K1-033 Little Harbour Bridge Replacement | 1,750 |
| P4-048 Searletown Bridge Replacement | 2,536,809 |
| Route 3 Roseneath & Route 4 Commercial Cross | 1,505,122 |
| Route 21 Mermaid | 135,316 |
| Route 322 Green Meadows | 120,479 |
| Route 17 Lower Montague | 113,722 |
| Northridge Parkway Roundabout - Charlottetown | 3,001,956 |
| Route 2 Springhill 2019 | 601,318 |
| Route 2 Hunter River / Hazel Grove 2019 | 1,442,770 |
| Route 6 Oysterbed - Portage Road - 2019 | 110,592 |
| Route 12 Central Lot 16 - 2019 | 104,428 |
| Route 1 Desable Left Turn Lane | 400,162 |
| Q2-014 Hunter River Bridge Replacement | 92,238 |
| Route 2 New Annan | 380,263 |
| Route 152 St. Edward | 367,248 |
| Route 13 New Glasgow / Rennies Road | 480,190 |
| Route 10 Tryon & Route 107 Wilmot Valley | 192,709 |
| Route 12 Grand River / Route 163 East Bideford | 152,376 |
| Route 124 Urbainville / Wellington | 543,311 |
| Route 142 Knutsford | 102,508 |
| Route 1 Crapaud / Victoria | 646,265 |
| Route 12 & 131 Grand River Roundabout | 1,000,933 |
| Route 6 North Rustico | 133,729 |
| Route 224 New Glasgow | 95,265 |
| Route 12 Roxbury | 124,430 |
| Cornwall Road - Cornwall | 931,860 |
| Route 1 & 1A Albany / Middleton 2019 | 606,226 |
| Phase 2B - Clyde River Interchange | 1,653,671 |
| Baltic Road Arch Overpass Structure | 966,203 |
| Phase 2B - Bannockburn Rd Overpass | 1,922,560 |
| Route 24 Grandview (Murray Harbour Road) | 80,776 |
| Route 16 Kingsboro (East Point Road) 2019 | 106,988 |
| Route 4 Murray River & Route 18 Murray Harbour | 177,510 |
| Route 17 Main Street Montague 2019 | 229,813 |
| Route 1 Trans-Canada Highway Stratford - 2019 | 537,306 |
| Route 2 Springfield 2019 | 546,554 |
| Route 16 Kingsboro (East) 2019 | 158,513 |
| Route 4 Dundas / Albion Cross 2019 | 582,394 |
| Route 2 Canavoy 2019 | 523,825 |
| Route 322 Green Meadows (South) 2019 | 92,338 |

| | | | |
|--|----------------|--------------------------|--------------------------|
| Route 4 Commercial Cross 2019 | 99,940 | | |
| Route 3 Alberry Plains 2019 | 461,121 | | |
| Route 210 Montague / Victoria Cross 2019 | 221,599 | | |
| Route 3 Roseneath & Georgetown Royalty | 771,299 | | |
| Route 2 Charlottetown - Malpeque Road | 338,656 | | |
| Hillsborough Bridge Retaining Wall | 423,168 | | |
| K2-015 Morell Bridge Replacement | 35,400 | | |
| MacKinnon Drive Extension - Stratford | 770,610 | | |
| Route 152 Huntley | 209,745 | | |
| Q2-018 Oyster Bed Bridge Structure Replacement | 96,434 | | |
| Q5-001 St. Peters Road Bridge Replacement | 103,640 | | |
| Q1-052 Crapaud Bridge Replacement | 13,835 | | |
| P2-016 Bideford Bridge Replacement | 14,500 | | |
| Q4-012 Little Sands Bridge Replacement | 14,836 | | |
| Q2-024 Rustico Bridge Replacement | 6,586 | | |
| Q1-002 Bayview Bridge Replacement | <u>43,969</u> | | |
| Total New Build Canada Fund | | <u><u>46,840,695</u></u> | |
| | | | |
| Other Cost Shared Projects | | | |
| K1-043 North Lake Bridge Replacement- | 3,168,402 | | |
| Investing in Canada Infrastructure Program | | | |
| Simon Drive Extension - North Rustico - | | | |
| National Disaster Mitigation Program | <u>495,557</u> | | |
| Total Other Cost Shared Projects | | <u><u>3,663,959</u></u> | |
| | | | <u><u>59,665,566</u></u> |
| TOTAL COST SHARED PROJECTS | | | |
| | | | |
| OTHER | | | |
| Highway Equipment | 3,057,739 | | |
| Electric Vehicle Charging Stations | <u>857,684</u> | | |
| TOTAL OTHER | | <u><u>3,915,423</u></u> | |
| | | | <u><u>65,580,989</u></u> |
| TOTAL HIGHWAYS CAPITAL | | | |

BUILDINGS CAPITAL**BUILDING RENOVATIONS**

| | | |
|--|-----------|-----------|
| Capital Lease - 16 Garfield Street | 6,645,629 | |
| Public Archives- Fit up Atlantic Technology Center | 703,234 | |
| Boiler Replacement - Tyne Valley | 12,700 | |
| Coles Building Renovations | 145,773 | |
| Access Summerside - Building Renovations | 135,888 | |
| Green Park Shipbuilding Museum | 119,826 | |
| Leasehold Improvements - 500 Queen Street | 94,348 | |
| Prince County Depot | 29,321 | |
| Boiler Replacement - Kensington Post office Building | 20,625 | |
| Access Souris - Renovations | 216,239 | |
| Shaw Building -5th Floor Center Office Renovation | 89,954 | |
| Jones Building - Sidewalk Replacement | 82,964 | |
| Plotter Printer- Jones | 36,415 | |
| Boiler Replacement - Sullivan | 162,256 | 8,495,172 |
| TOTAL BUILDING RENOVATIONS | | |

NEW BUILDING CONSTRUCTION

| | | |
|--|-----------|------------|
| Biomass Plant - Queen Elizabeth Elementary School & Kensington Intermediate Senior High School | 676,179 | |
| Biomass Plant - West Royalty Elementary | 569,670 | |
| Biomass Plant - Westwood Elementary | 552,143 | |
| Biomass Plant - ME Callaghan | 442,434 | |
| New Queens County Depot c/over | 9,735,887 | 11,976,313 |
| TOTAL NEW BUILDING CONSTRUCTION | | |

LAND PURCHASES

| | | |
|-----------------------------|---------|---------|
| Land Purchases | 492,700 | |
| TOTAL LAND PURCHASES | | 492,700 |

TOTAL BUILDINGS20,964,185**TOTAL DEPARTMENT OF TRANSPORTATION,
INFRASTRUCTURE AND ENERGY**84,545,174

