



Transportation, Infrastructure and Energy
ANNUAL REPORT
2017-2018



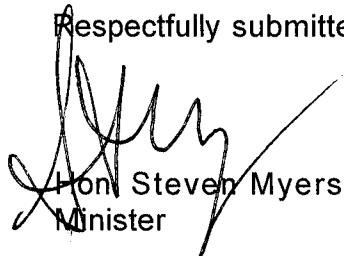


The Honourable Antoinette Perry
Lieutenant Governor of Prince Edward Island

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, 2017 to March 31, 2018.

Respectfully submitted,

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

Hon. Steven Myers
Minister



The Honourable Steven Myers
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, 2017 to March 31, 2018.

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

Respectfully submitted,

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

Darren Chaisson, P.Eng.
Deputy Minister

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DEPARTMENT OF TRANSPORTATION,
INFRASTRUCTURE AND ENERGY

The established **Mandate** of the Department of Transportation, Infrastructure and Energy is:

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.

This mandate is further quantified in the **Mission Statement** which indicates the role of the Department is to:

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.

The **Vision** for the Department is stated as follows:

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

LEGISLATIVE RESPONSIBILITIES

- *Advisory Council on the Status of Women Act*
- *Architects Act*
- *Crown Building Corporation Act*
- *Dangerous Goods (Transportation) Act*
- *Energy Corporation Act*
- *Engineering Profession 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*

Department of Transportation, Infrastructure and Energy

Personnel

Minister
Administrative Assistant
Deputy Minister
Administrative Assistant

Hon. Paula Biggar
Bonnie MacDonald
Darren Chaisson
Stacey Martin

CORPORATE SERVICES

Finance
Human Resources

Wendy MacDonald, Director
Jason Rendell

HIGHWAY SAFETY & IT

Highway Safety Operations
Highway Safety Registration

Graham Miner, Acting Director
Doug MacEwen
Graham Miner

PUBLIC WORKS

Building Design and Construction
Maintenance and Accommodations

Alan Maynard, Director
Tyler Richardson
Holly Hinds

LAND & ENVIRONMENT

A/Provincial Chief Surveyor
Properties

Brian Thompson, Director
Wayne Tremblay
Carol Craswell

CAPITAL PROJECTS DIVISION

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

Stephen Yeo, Director
Mark Sherren
Stephen Pigott
Terry Kelly
Darrell Evans

HIGHWAY MAINTENANCE

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

Stephen Szwarc, Acting Director
Mike Berrigan
Gordie Lund
Gerard Morrison
Wilf MacDonald
Clay Moase
Bruce MacMillan
Charles MacLaren
Leo Gill

POLICY & PLANNING

Paul Godfrey

INFRASTRUCTURE SECRETARIAT

Paul Godfrey, Acting Director

ACCESS PEI

Tim Garrity, Director

ENERGY & MINERALS

Kim Horrelt, Chief Executive
Officer

FRENCH LANGUAGE SERVICES IMPLEMENTATION PLAN

The Department continues to respond to the requirements of the *French Language Services Act* through its 2000 implementation plan. With the addition of the Access PEI and Energy divisions it has expanded the scope of service delivery for the department.

Focus continues in the following areas:

- **Awareness**

The Department's obligation to the *French Language Services Act* continues to be incorporated into the daily routine of staff, especially for those responsible for the distribution and release of information to the public, i.e., correspondence, media releases, public notices, etc.

- **Human Resources**

Human Resources are currently approaching the organizational structure to identify positions for potential bilingual designation. These results will be considered in the areas of succession planning and current incumbent training. Interviews have taken place for employees interested in assessing their levels of proficiency in the French language, and others who are new to the language have participated in one-day workshops.

- **Signs**

The same effort that resulted in the Traffic Section of the Capital Projects Division receiving an award in 2001 continues to occur. As existing signage stock is depleted, the format is changed to bilingual. Bilingual directional tabs are now being used on route confirmations and the private road signs for 911 are totally bilingual. Any worded sign manufactured out of the Provincial Sign Shop is produced in a bilingual format.

- **Document Translation**

The Highway Safety Division is one of the larger groups responsible for the distribution and circulation of documentation for public consumption. This group continues to work closely with Acadian and Francophone Affairs to identify essential documentation for translation purposes.

- **Service Delivery**

Access PEI continues to offer bilingual service delivery over the counter at five of the eight sites and is able to offer telephone service at the remaining three sites.

Tim Garrity

CORPORATE SERVICES DIVISION

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

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

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

Centralization of Corporate Services (Finance & Human Resources) was implemented April 1, 2012 with Civil Service departmental Finance Directors, Managers, Senior Finance and finance 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 have been centralized, the Finance Director, HR Manager and staff that 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, 2018 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 unclassified workforce, including:

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

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

HIGHWAY SAFETY & IT DIVISION

The overall objective is to promote and enforce safe conditions for highway users, issue driver's 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*. The following Sections are tasked with the responsibilities of carrying out the objectives of Highway Safety:

- Driver Records
- Systems Development and Support
- IRP (International Registration Plan)
- Safety
- Driver Records Registration and Licensing (Legislation and Policy and Program Development)
- Commercial Vehicle Enforcement

The department has introduced new Legislative Regulatory Changes over the past year.

Drug Impaired Driving

90 day Administrative Driving Prohibition issued to drivers charged for impaired by a drug or a combination of a drug(s) and alcohol under the Criminal Code of Canada. 90 day Administrative Driving Prohibition for Graduated Drivers exceeding Zero tolerance for drug(s) or combination of drug(s) and alcohol. A seven (7) day suspension is issued for a regular driver that fails a field sobriety test.

Motor Vehicle Impoundment

- 6-month vehicle impoundments issued when a person is operating or had care or control of a vehicle and was charged for any offence under the Criminal Code of Canada involving injury or death.
- 6-month vehicle impoundment for any driver charged with impaired or prohibited driving and was previously convicted in the past 10 years for any offence under the Criminal Code of Canada involving injury or death.
- 6-month vehicle impoundment for any driver charged with impaired or prohibited driving and they had been previously charged with 2 of the same offences in the last 10 years.

Ignition Interlock Program

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

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

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

2nd offence - After completing the mandatory ignition interlock term the driver is issued a Restricted ZERO BAC Driver's License for a period of 3 years.

It is an offence to operate a motor vehicle with any alcohol in your system when holding a Restricted Zero BAC Driver's License.

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

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

It is an offence to operate a motor vehicle with any alcohol in your system when holding a Restricted Zero BAC Driver's License and to operate a vehicle with the Specially Coded License Plate.

Violating the Zero BAC Driver's License or operating a vehicle without a Specially Coded License plate carries a fine of \$1500 to \$2000, 12 demerit points and a 1 year cancellation in addition to any other charges or cancellation times that might be added.

DRIVER RECORDS SECTION

The Records Section maintains records on all drivers and carriers with convictions for motor vehicle related offences throughout Canada, and who are scheduled for counselling activity such as an interview or 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 and, in particular, the Office of the Attorney General.

The Driver Records Section deals mainly with the *Highway Traffic Act*, *Roads Act*, *Dangerous Goods Act* and the *Maintenance Enforcement Act*. Driver Abstracts (drivers' records) are provided through the 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 2016-2017 figures displayed for comparison purposes.

Driver License Suspensions and Cancellations	2016-2017	2017-2018
Section 253 (1)(a) Criminal Code - (Impaired Driving)	23	25
Section 253 (1)(b) Criminal Code - (Failing the Breathalyzer)	204	185
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	24	18
Total Alcohol Related Convictions	251	228
Administrative Driving Prohibitions	265	264
7 Day Suspensions (S.277.1) HTA	92	100
30 Day Suspensions (S.277.1) (3.2) HTA	4	3
90 Day Suspensions (S.277.1) (3.5) HTA	2	1
Vehicle Impoundments	50	161
Demerit Point System (Point Accumulation)	349	366
Theft of a Motor Vehicle	43	13
Default in Payment of Fine(s)	1,601	2,609
Failure to Satisfy a Judgment - (Accident with an uninsured vehicle)	4	8
Reinstatement of driving privileges from suspension/cancellation	1,701	1,567
Revenue from Reinstatement Fees	178,016	148,131
Number of Warning Letters Issued - (Point Accumulation)	1,013	1,138
Number of Driving Record Interviews Issued - (Point Accumulation)	211	240
Drivers required to undergo a re-examination for various reasons (Requests from Law Enforcement, Medical Practitioners, Etc.)	2016-2017	2017-2018
Medical Referrals Issued	351	384
Medical Referrals Issued for Commercial Drivers	3,314	3,290
Vision Referrals Issued	107	134
Driving Re-Examination Conducted	692	682
Driving Record Interviews	170	67
Restricted Driver Licenses Issued	43	35
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	26,836	29,457
Abstract Fee (\$25.00)	670,900	736,425

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS Updated – July 13, 2018				
Year	First	Second	Third or More	Total Impaired Convictions
2017	155 (67.7%)	39 (17.0%)	35 (15.3%)	229
2016	165 (66.2%)	47 (18.9%)	37 (14.9%)	249
2015	160 (67.0%)	42 (17.6%)	37 (15.4%)	239
2014	151 (62.7%)	54 (22.4%)	36 (14.9%)	241
2013	169 (56.9%)	53 (17.8%)	75 (25.3%)	297
2012	189 (57.8%)	73 (22.3%)	65 (19.9%)	327
2011	225 (60.3 %)	73 (19.6 %)	75 (20.1%)	373
2010	269 (63.4 %)	80 (18.9 %)	75 (17.7 %)	424
2009	234 (59.7 %)	71 (18.1 %)	87 (22.2 %)	392
2008	211 (57.8 %)	85 (23.3 %)	69 (18.9 %)	365
2007	265 (64.5 %)	78 (19.0 %)	68 (16.5 %)	411
2006	194 (56.2 %)	83 (24.1 %)	68 (19.7 %)	345
2005	194 (63.8%)	58 (19.1 %)	52 (17.1 %)	304
2004	198 (65.8%)	46 (15.2%)	57 (19.0%)	301
2003	221 (63.6 %)	74 (21.2 %)	53 (15.2 %)	348
2002	221 (56.1 %)	94 (23.9 %)	79 (20.0 %)	394
2001	257 (60.7 %)	87 (20.5 %)	80 (18.8 %)	424
2000	254 (59.1 %)	98 (22.8 %)	78 (18.1 %)	430
1999	225 (51.1 %)	83 (18.9 %)	132 (30.0 %)	440
1998	209 (45.9 %)	96 (21.0 %)	150 (33.1 %)	455
1997	266 (48.0 %)	114 (20.6 %)	174 (31.4 %)	554
1996	235 (45.8 %)	112 (21.8 %)	166 (32.4 %)	513
1995	213 (49.2 %)	84 (19.5 %)	135 (31.3 %)	432
1994	203 (46.3 %)	90 (20.6 %)	145 (33.1 %)	438
1993	247 (41.6 %)	126 (21.2 %)	221 (37.2 %)	594

1992	262 (47.0 %)	100 (18.0 %)	195 (35.0 %)	557
1991	291 (46.5 %)	142 (22.7 %)	193 (30.8 %)	626
1990	300 (45.8 %)	143 (21.8 %)	211 (32.4 %)	654
1989	288 (45.8 %)	137 (21.8 %)	203 (32.4 %)	628
1988	Not available	Not available	Not available	760
1987	Not available	Not available	Not available	858
1980	Not available	Not available	Not available	1,570

INFORMATION TECHNOLOGY

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

Carrier Management System(CMS):

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

Collision and Accident Reporting System (CARS):

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

Driver Vehicle System (DVS):

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

Electronic Abstract System (CGI):

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

Enforcement Officer Reporting System (EORS):

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

International Registration Plan (IRP) and IRP Clearing House:

Vehicle Registration Program that interprets business rules, 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 supports 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 and Infrastructure Renewal.

Pavement Management System (PMS):

Collects data on pavement conditions and road attributes.

Highway Lab Information Management System (HLIMS):

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

The International Registration Plan

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

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

During the fiscal year April 1, 2017 to March 31, 2018 there were a total of 190 Prince Edward Island based carriers registering a total of 706 vehicles in the Agreement.

IRP Clearinghouse

Prince Edward Island has been a participating member of the IRP Clearinghouse since November 2002. This involves the electronic exchange and reconciliation of registration and tax fee information and funds through a central computer system among member jurisdictions of the International Registration Plan. Presently 57 of the 59 member jurisdictions are members of the Clearinghouse.

Canadian Agreement on Vehicle Registration (CAVR)

CAVR is a Full and Free Reciprocity Agreement for Category B vehicles for interprovincial operations that may operate in all Canadian Provinces when legally registered in their home jurisdiction. They cannot be used for intra-provincial transportation, unless they meet conditions in Article V of the Agreement. IRP services are provided at the Charlottetown office of the Highway Safety Division. The distribution of revenue, for the fiscal year April 1, 2017 - March 31, 2018 are listed in the tables that follow.

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR CANADIAN JURISDICTIONS
APRIL 1, 2017 - MARCH 31, 2018**

PROVINCE	REG FEES	RST	HST	ADMIN FEES	AUDITS	OTHER ADD FEE	TOTAL FEES
PE	\$447,252.00	\$11,272.50	\$29,881.98	\$44,400.00	\$1,491.20	\$325.00	\$534,622.68
NB	\$523,293.70	\$0.00	\$0.00	\$0.00	\$2,339.72	\$0.00	\$525,633.42
NS	\$209,822.09	\$0.00	\$0.00	\$0.00	\$1,032.63	\$0.00	\$210,854.72
NL	\$3,796.49	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,796.49
QC	\$172,729.45	\$0.00	\$0.00	\$0.00	\$193.25	\$0.00	\$172,922.70
ON	\$136,443.00	\$0.00	\$0.00	\$0.00	\$56.00	\$0.00	\$136,499.00
MB	\$1,519.00	\$2,375.83	\$0.00	\$0.00	\$0.00	\$0.00	\$3,894.83
SK	\$2,773.00	\$2,728.06	\$0.00	\$0.00	\$0.00	\$0.00	\$5,501.06
AB	\$2,521.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,521.00
BC	\$3,113.04	\$5,017.73	\$0.00	\$0.00	\$0.00	\$0.00	\$8,130.77
TOTALS	\$1,503,262.77	\$21,394.12	\$29,881.98	\$44,400.00	\$5,112.80	\$325.00	\$1,604,376.67

All Fees are in Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR U. S. JURISDICTIONS
APRIL 1, 2017 - MARCH 31, 2018**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	ADD FEES	TOTAL FEES US DOLLARS
Alabama	\$49.09	\$0.00			\$49.09
Arizona	\$1,707.91	\$0.00			\$1,707.91
Arkansas	\$37.19	\$2.63			\$39.82
California	\$2,699.00	\$0.00			\$2,699.00
Colorado	\$376.22	\$0.00	\$183.92	\$9.39	\$569.53
Connecticut	\$11,939.04	\$12.10			\$11,951.14
Delaware	\$1,062.72	\$0.32			\$1,063.04
Dist of Columbia	\$131.73	\$0.00			\$131.73
Florida	\$2,187.03	\$0.00			\$2,187.03
Georgia	\$781.85	\$0.00	\$306.71		\$1,088.56
Idaho	\$376.11	\$0.00		\$2.16	\$378.27
Illinois	\$2,721.77	\$3.36			\$2,725.13
Indiana	\$1,197.31	\$0.58	\$372.21		\$1,570.10
Iowa	\$612.63	\$2.57			\$615.20
Kansas	\$31.48	\$0.00	\$7.63		\$39.11
Kentucky	\$236.15	\$0.00	\$70.31		\$306.46
Louisiana	\$4.73	\$0.00			\$4.73
Maine	\$34,894.43	\$423.61	\$40,950.23		\$76,268.27
Maryland	\$3,154.02	\$0.68			\$3,154.70
Massachusetts	\$18,714.09	\$189.54			\$18,903.63
Michigan	\$3,960.54	\$2.78			\$3,963.32
Minnesota	\$422.50	\$0.00			\$422.50

Mississippi	\$59.55	\$0.00	\$20.10	\$16.54	\$96.19
Missouri	\$516.49	\$2.84			\$519.33
Montana	\$204.22	\$0.00	\$24.43	\$58.65	\$287.30
Nebraska	\$463.37	\$0.00	\$0.00	\$0.00	\$463.37
Nevada	\$282.14	\$0.00	\$247.81	\$0.00	\$529.95
New Hampshire	\$2,271.16	\$8.24	\$0.00	\$0.00	\$2,279.40
New Jersey	\$9,664.15	\$6.46	\$0.00	\$0.00	\$9,670.61
New Mexico	\$63.12	\$0.00	\$0.00	\$0.00	\$63.12
New York	\$14,404.73	\$19.47	\$1,826.76	\$1,745.18	\$17,996.14
North Carolina	\$3,047.10	\$0.00	\$0.00	\$0.00	\$3,047.10
North Dakota	\$139.73	\$0.00	\$0.00	\$0.00	\$139.73
Ohio	\$1,119.50	\$0.00	\$0.00	\$0.00	\$1,119.50
Oklahoma	\$309.79	\$1.58	\$0.00	\$0.00	\$311.37
Oregon	\$254.20	\$0.00	\$0.00	\$0.00	\$254.20
Pennsylvania	\$20,689.16	\$5.59	\$1,796.30	\$0.00	\$22,491.05
Rhode Island	\$525.58	\$0.00	\$0.00	\$0.00	\$525.58
South Carolina	\$1,162.70	\$0.00	\$0.00	\$0.00	\$1,162.70
South Dakota	\$128.32	\$0.00	\$0.00	\$0.00	\$128.32
Tennessee	\$209.13	\$4.20	\$0.00	\$0.00	\$213.33
Texas	\$154.31	\$6.46	\$0.00	\$0.00	\$160.77
Utah	\$241.10	\$0.00	\$48.95	\$148.80	\$438.85
Vermont	\$2,649.59	\$8.87	\$0.00	\$0.00	\$2,658.46
Virginia	\$3,927.47	\$2.63	\$0.00	\$0.00	\$3,930.10
Washington	\$1,442.02	\$0.00	\$44.28	\$190.25	\$1,676.55
West Virginia	\$434.66	\$0.34	\$0.00	\$374.23	\$809.23

Wisconsin	\$1,813.64	\$0.00	\$0.00	\$0.00	\$1,813.64
Wyoming	\$260.71	\$0.00	\$0.00	\$226.00	\$486.71
TOTALS	\$153,735.18	\$704.85	\$45,899.64	\$2,771.20	\$203,110.87

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2017 - MARCH 31, 2018**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX	ADD FEES	TOTAL FEES
NB	\$220,923.00	\$30.88	\$0.00	\$0.00	\$220,953.88
NS	\$95,294.00	\$90.38	\$0.00	\$0.00	\$95,384.38
NL	\$4,824.60	(\$40.65)	\$0.00	\$0.00	\$4,783.95
QC	\$31,619.00	(\$115.26)	\$0.00	\$0.00	\$31,503.74
ON	\$14,595.00	\$82.19	\$0.00	\$0.00	\$14,677.19
MB	\$2,641.00	\$0.00	\$0.00	\$0.00	\$2,641.00
SK	\$162.00	\$0.00	\$0.00	\$0.00	\$162.00
AB	\$4,092.00	\$0.00	\$0.00	\$0.00	\$4,092.00
BC	\$34,085.00	\$0.00	\$0.00	\$0.00	\$34,085.00

All Fees In Canadian Dollars

**DISTRIBUTION OF REVENUE COLLECTED BY U.S. JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2017 - MARCH 31, 2018**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Alabama	\$2.00	\$0.00		\$2.00
Arizona	\$2.00	(\$1.20)		\$0.80
Arkansas	\$1,170.00	\$0.00		\$1,170.00
California	\$14.86	\$0.16		\$15.02

Colorado	\$2,754.00	\$0.00		\$2,754.00
Connecticut	\$7,775.12	\$0.00		\$7,775.12
Delaware	\$24.00	\$0.00		\$24.00
Dist of Columbia	\$0.00	\$0.00		\$0.00
Florida	\$18,088.66	(\$0.03)		\$18,088.63
Georgia	\$54.00	\$0.00		\$54.00
Idaho	\$1,801.41	\$0.00		\$1,801.41
Illinois	\$2,614.97	\$0.15		\$2,615.12
Indiana	\$449.00	\$0.00		\$449.00
Iowa	\$0.00	\$0.00		\$0.00
Kansas	\$0.00	\$0.00		\$0.00
Kentucky	\$0.00	\$0.00		\$0.00
Louisiana	\$23.05	\$0.00		\$23.05
Maine	\$2,699.00	\$0.00		\$2,699.00
Maryland	\$0.80	\$0.80		\$1.60
Massachusetts	\$1,969.00	\$0.00		\$1,969.00
Michigan	\$12,052.00	\$0.00		\$12,052.00
Minnesota	\$21.00	\$0.00		\$21.00
Mississippi	\$57.03	\$0.00		\$57.03
New Mexico	\$35.00	\$0.00	\$0.00	\$35.00
New York	\$125.00	\$0.00	\$0.00	\$125.00
North Carolina	\$56.77	\$0.00	\$0.00	\$56.77
North Dakota	\$26.06	\$0.00	\$0.00	\$26.06
Ohio	\$217.76	\$0.00	\$0.00	\$217.76

Oklahoma	\$4.29	\$0.00	\$0.00	\$4.29
Oregon	\$0.00	\$0.00	\$0.00	\$0.00
Pennsylvania	\$13.92	\$0.00	\$0.00	\$13.92
Rhode Island	\$104.50	\$0.00	\$0.00	\$104.50
South Carolina	\$17.00	\$0.00	\$0.00	\$17.00
South Dakota	\$0.00	\$0.00	\$0.00	\$0.00
Tennessee	\$0.00	\$0.00	\$0.00	\$0.00
Texas	\$0.00	\$0.00	\$0.00	\$0.00
Utah	\$61.00	(\$3.00)	\$0.00	\$58.00
Vermont	\$58.49	\$0.00	\$0.00	\$58.49
Virginia	\$1,118.78	(\$19.34)	\$0.00	\$1,099.44
Washington	\$64.00	\$0.00	\$0.00	\$64.00
West Virginia	\$8.56	\$0.00	\$0.00	\$8.56
Wisconsin	\$114.00	\$0.00	\$0.00	\$114.00
Wyoming	\$325.83	\$0.00	\$0.00	\$325.83
TOTALS	\$58,217.70	(\$22.46)	\$0.00	\$58,195.24

**RECAP OF REVENUE
APRIL 1, 2017 - MARCH 31, 2018**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island:	\$534,622.68
Revenue Collected for Canadian Jurisdictions:	\$1,069,753.99
Total Canadian Revenue Collected from PE Base Plated Carriers	\$1,604,376.67
Total U. S. Revenue Collected from PE Base Plated Carriers	\$203,110.87

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PE by Canadian Jurisdictions	\$408,283.14
Revenue Collected for PE by U. S. Jurisdictions	\$58,195.24

Registration and Licensing

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

Vehicle Registration Breakdown

Type	2016-2017	2017-2018
Cars	78,210	79,698
Trucks	26,099	26,936
Motorcycles	2,765	2,723
Buses	424	445
Trailer	16,022	16,598
Off-Road Vehicle	3,907	4,178
Miscellaneous - Other Vehicles	1,077	1,111
Total Registrations	128,504	131,689

Total Number of Drivers per Class

Class	2016-2017	2017-2018
CLASS 1 - Tractor Trailers	4,334	4,266
CLASS 2 - Bus for more than 24 passengers including School Bus	1,105	1,128
CLASS 3 - Trucks over 14,000 kgs	4,255	4,144
CLASS 4 - Ambulance, Bus, Taxi for less than 24 passengers	2,443	2,379
CLASS 5 - Car, light truck	94,391	96,142
CLASS 6 - Motorcycle	11,173	11,356
CLASS 7 - Beginner's Instruction Permit	3,062	3,176

Conservation Plates

Conservation License Plates were made available to public for sale on September 20, 2013 and are available for a \$10 annual fee and all proceeds go to the Wildlife Conservation Fund, which helps to protect and enhance wildlife and habitat. The plates are available in French and in English with 5 unique designs.

- 12,276 of these plates were sold in the first year. (Sept. 20/13-Sept.20/14)
- 6,945 were sold in fiscal year 2014-2015
- 2,061 were sold in fiscal year 2015-2016
- 2,085 were sold in fiscal year 2016-2017
- 2,366 were sold in fiscal year 2017-2018

Red Fox -1,116
Blue Jay - 453
Canada Goose - 283
Brook Trout - 314
Lady Slipper – 200

SAFETY SECTION

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

Countermeasures were planned and conducted on the premise that the driver is ultimately responsible for their 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 2016-2017	Knowledge Tests 2017-2018	Road Tests 2016-2017	Road Tests 2017-2018
3096	3040	3559	3502

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	
2016-2017	820	2016-2017	669
2017-2018	275	2017-2018	349

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 4 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 breathalyser), or 254(c) (refusal of the breathalyser) of the *Criminal Code of Canada* must complete a driver risk assessment which is conducted by Highway Safety.

YEAR	DWI CONVICTIONS	TOTAL IIPS INSTALLED
2007	411	47
2008	365	61
2009	392	68
2010	424	73
2011	373	99
2012	327	94
2013	297	179
2014	241	139
2015	239	192

2016	249	210
2017	229	186

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, 77 drivers completed Driver Rehabilitation Program.

Ignition Interlock Program

This program is available to offenders after a drinking and driving conviction and will allow for early reinstatement of a driver's license upon successful application. It is designed to encourage individuals to seek help quickly and address any alcohol-related problems. The Ignition Interlock Program is a mandatory requirement for reinstatement of a driver's licence for all convictions of impaired driving.

Eligible drivers are issued a restricted driver's license once the interlock device is installed on the vehicle, which allows only the operation of that vehicle. The device prevents the vehicle being started if alcohol above a present level is detected in the driver's breath samples.

All activity is recorded and monitored by Highway Safety Division via a build-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

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 710 students successfully completed the Novice Driver Course.

Defensive Driving 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 72 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 2017, there were 1510 collisions resulting in 1052 injuries and 14 fatalities. The fatalities included 9 drivers of vehicles, 2 drivers of motorcycles, 1 driver of an ATV and 2 pedestrians.

Traffic Safety Promotion

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

Motor Vehicle Inspection

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

Salvage Vehicle Inspection Program

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

Motor Vehicle Inspection Statistics

No. Stations	No. Mechanics	Results of Inspections	Cars Light Trucks	Trucks	Farm Trucks	Motorcycle Light Trailer	Trailers with brakes
260	597	Passed	78,583	780	202	4,046	1,084
		Rejected	3,904	1,264	583	96	1,627
Type of Vehicle	# Defective Brakes	# Defective tire/wheels	# Defective suspension	Defective steering	Defective exhaust	#Defective body/frame	windshield & glazing
Light Vehicle	11,352	5,656	6,449	3,738	2,329	2,510	1,102
Commercial Vehicle	1,195	545	297	191	158	329	101

Commercial Vehicle Enforcement

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	150,235
U.S. Trucks	Borden/Carleton Scales	314

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden/Carleton Scales	15,476
Hours of Work (Driver's Log)	Borden/Carleton Scales	318
Trip Inspections	Borden/Carleton Scales	318
Dangerous Goods Inspections	Borden/Carleton Scales	10

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden/Carleton Scales	0
Potato Disinfectant Slips Collected	Borden/Carleton Scales	0
Vehicles Checked for Taxable Goods	Borden/Carleton Scales	61
Forest Products	Borden/Carleton Scales	964
Vehicles Quarantined Plant Health Act	Borden/Carleton Scales	0
Apiary Act	Borden/Carleton Scales	10
Animal Health Act	Borden/Carleton Scales	15
Fisheries Product Act	Borden/Carleton Scales	2,412

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden/Carleton Scales	131	\$ 0.00
Oversize	Borden/Carleton Scales		\$126,850.00

Overweight	Borden/Carleton Scales		\$ 24,310.00
Trip	Borden/Carleton Scales		
Fuel	Borden/Carleton Scales		
Work	Borden/Carleton Scales		
Trip	Borden/Carleton Scales	359	\$71,790.00
Fuel	Borden/Carleton Scales	649	\$16,225.00
Work	Borden/Carleton Scales	64	\$21,700.00
Non-Compliance	Borden/Carleton Scales	358	\$71,600.00
Disinfection Fees	Borden/Carleton Scales	0	\$ 0.00
Other Front end decals	Borden/Carleton Scales	27	\$ 540.00
TOTALS	Borden/Carleton Scales	2,806	\$334,325.00

Recorded Violations

Item	Location	Number	Revenue
Roads Act	Borden/Carleton Scales	96	\$22,288.00
Highway Traffic Act	Borden/Carleton Scales	22	\$4,050.00
Dangerous Goods Act	Borden/Carleton Scales Portables	0	\$ 0.00
Dangerous Goods Act	Borden/Carleton Scales Portables	0	\$ 0.00 \$ 0.00
TOTALS	Borden/Carleton Scales	118	\$26,338.00

Enforcement Officers conduct Commercial Vehicle Safety Alliance (CVSA) roadside inspection of drivers and vehicles and loads carried.

Vehicles inspected fall into three categories:

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

Driver's inspected fall into two principle areas:

- Non-compliant
- Compliant

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

Commercial Vehicle Safety Alliance Statistics

Item	2016-2017	2017-2018
Total Number of Trucks & Truck Trailers Inspected	295	365
Power Units Out Of Service	18	25
Tractor Trailers Out Of Service	9	27

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
528	\$113,608.00

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

The Division provides the staff and resources required to:

- Complete strategic planning for the highway network and other transportation sectors.
- Complete the design and construction of new, as well as, renovation of existing buildings for Government departments, boards, and agencies.
- Operate and maintain building owned or leased by the Department.

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

BUILDING DESIGN AND CONSTRUCTION

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

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

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED

April 1, 2017 - March 31, 2018

<u>Three Oaks High School - TP#6 Glazing - April 4, 2017</u>	No Bids
<u>Three Oaks High School - TP#8 Roofing - April 4, 2017</u>	
Ashe Roofing	\$494,700.00
Atlantic Roofers Limited	\$647,816.00
<u>Three Oaks High School - TP#14 Flooring - April 4, 2017</u>	
Tile Master Inc.	\$763,000.00
<u>Three Oaks High School - TP#15 Cabinetry & Lab Casework - April 4, 2017</u>	
Nova Wood Products Limited	\$948,600.00
<u>Three Oaks High School - TP#16 Food Service Equipment - April 4, 2017</u>	
Summertime Industries Inc.	\$289,783.00
Big Eric's Ltd.	\$339,325.00
<u>Riverview LTC Facility - TP#5 Fire Suppression Systems - April 11, 2017</u>	
Island Sprinkler Systems Ltd.	\$235,000.00
Troy Life & Safety Ltd.	\$266,000.00
Viking Fire Protection Inc.	\$307,000.00
B & G Sprinklers Ltd.	\$321,500.00
LeBlanc Sprinklers Ltd.	\$347,820.00
<u>Riverview LTC Facility - TP#8 Flooring - April 11, 2017</u>	
Tile Master Inc.	\$255,000.00
Ralph Connor Company Limited	\$296,692.00
Loyalist Marble & Tile Ltd.	\$297,860.00
<u>Riverview LTC Facility - TP#3 Building Envelope - April 13, 2017</u>	
WM&M (1993) Ltd.	\$1,406,000.00
Sperra Construction Group	\$1,517,000.00

MacLean Construction Ltd.	\$1,556,000.00
Southern Kings Construction Ltd.	\$1,573,000.00
<u>Riverview LTC Facility - TP#4 Mechanical - April 13, 2017</u>	
Precision Mechanical Inc.	\$2,130,000.00
Bevan Bros. Limited	\$2,167,000.00
Entire Mechanical Contractors	\$2,280,000.00
<u>Riverview LTC Facility - TP#6 Electrical - April 13, 2017</u>	
Olympia Electric Ltd	\$1,484,000.00
Hansen Electric Ltd.	\$1,529,000.00
<u>Riverview LTC Facility - TP#7 Interior Fit-Up - April 19, 2017</u>	
WM&M (1993) Ltd.	\$2,843,000.00
MacLean Construction Ltd.	\$2,959,000.00
<u>Birchwood Intermediate - Wheelchair Lift Replacement - April 20, 2017</u>	
Lawtons Drug Stores Limited	\$28,850.00
Harding Medical	\$50,060.00
<u>East Wiltshire Intermediate - Ceiling Tile Replacement - April 20, 2017</u>	
WM&M (1993) Ltd.	\$342,000.00
Paul Davis Restoration	\$345,000.00
Asbestos Abatement Limited	\$435,000.00
<u>Eliot River Elementary - Humidification Upgrades - April 20, 2017</u>	
Entire Mechanical Contractors	\$44,000.00
Bevan Bros. Limited	\$53,300.00
J&S Sheet Metal Ltd.	\$547,000.00
<u>Queen Charlotte School - Humidification Upgrades - April 20, 2017</u>	
J&S Sheet Metal Ltd.	\$86,700.00
Entire Mechanical Contractors	\$90,400.00
Bevan Bros. Limited	\$96,300.00
<u>Queen Elizabeth Elementary - Ceiling Tile Replacement - April 20, 2017</u>	
Paul Davis Restoration	\$267,000.00
WM&M (1993) Ltd.	\$276,000.00
GIA Limited	\$278,000.00
<u>Westisle High School - Partial Roof Replacement - May 11, 2017</u>	
Atlantic Roofers Limited	\$129,247.00
Ashe Roofing Ltd.	\$164,400.00
A-Tech Roofing Ltd.	\$186,700.00
<u>Three Oaks High School -- TP#6.1 Glazing - May 11, 2018</u>	
City Glass & Mirror Inc.	\$151,310.00
Clad-Tech Inc.	\$195,815.00
<u>Various Schools - Caulking Program - May 18, 2017</u>	
Capital Caulking (2010) Ltd.	\$93,000.00
Strategic Construction	\$106,000.00
WM&M (1993) Ltd.	\$126,000.00
<u>Ecole Evangeline - Surveillance Cameras - May 18, 2017</u>	
Atlantic Alarm & Sound Ltd.	\$25,239.78
TriTech Services 100743 PEI Inc.	\$36,612.52

Jamieson Electric/Island Alarms	\$48,645.00
Hansen Electric Ltd.	\$48,700.00
R.I.K.S. Electric	\$65,000.00
<u>Prince Edward Home - Boiler Room Heat Pump Installation - May 25, 2017</u>	
J&S Sheet Metal Ltd.	\$13,750.00
Entire Mechanical Contractors	\$14,144.00
<u>Kings County Memorial Hospital - Generator Replacement - June 1, 2017</u>	
KVS Electrical Inc.	\$128,500.00
Olympia Electric Ltd	\$137,700.00
Hansen Electric Ltd.	\$141,300.00
<u>East Wiltshire Intermediate - Partial Roof Replacement - June 1, 2017</u>	
Ashe Roofing Ltd.	\$114,400.00
Atlantic Roofers Limited	\$119,747.00
<u>Three Oaks Senior High - Moving Phase 2 Area 1B1 - June 9, 2017</u>	
Affordable Canadian Movers Ltd.	\$1,150.00
Francis Rush Transfer Ltd.	\$1,800.00
Gallant Moving & Storage Ltd.	\$4,434.00
<u>Elmira Railway Museum - Railings Replacement - June 1, 2017</u>	
Sperra Construction Group	\$31,600.00
<u>Hillsborough Hospital - Security Infrastructure Upgrades - June 13, 2017</u>	
Hansen Electric Ltd.	\$322,700.00
Olympia Electric Ltd	\$357,000.00
<u>Three Oaks Senior High-Moving Phase 2 Areas 2C1, 2C2, 1B4 - June 16, 2017</u>	
Francis Rush Transfer Ltd.	\$2,200.00
Affordable Canadian Movers Ltd.	\$2,250.00
Gallant Moving & Storage Ltd.	\$5,600.00
<u>Queens County Highway Depot Phase 4 Storage Buildings - June 20, 2017</u>	
Sperra Construction Group	\$1,974,000.00
MacLean Construction Ltd.	\$1,998,000.00
Brighton Construction Inc.	\$2,062,000.00
Strategic Construction	\$2,660,000.00
<u>Greenfield Elementary School - Parking Lot Improvements - June 29, 2017</u>	
Curran & Briggs Limited	\$125,700.00
<u>Hernewood Intermediate School - Boiler Replacement - June 29, 2017</u>	
Ron's Plumbing & Heating Inc.	\$85,400.00
Entire Mechanical Contractors	\$136,600.00
Precision Mechanical Inc.	\$168,500.00
<u>East Wiltshire Intermediate School - IT Consolidation - July 6, 2017</u>	
Olympia Electric Ltd	\$88,000.00
Ford Electric Ltd.	\$91,400.00
Hansen Electric Ltd.	\$94,700.00

<u>Queen Elizabeth Elementary - IT Consolidation - July 6, 2017</u>	
Hansen Electric Ltd.	\$55,700.00
Olympia Electric Ltd	\$57,000.00
R.I.K.S. Electric	\$57,000.00
Ford Electric Ltd	\$59,600.00
 <u>Morell Regional High School - Gym Floor Replacement - July 13, 2017</u>	
Centaur Products (Atlantic) Ltd.	\$160,629.00
Ralph Connor Company Limited	\$164,958.00
 <u>Bloomfield Elementary School - Hot Water Boiler Supply - 21-Jul-17</u>	
Entire Mechanical Contractors	\$34,629.00
Precision Mechanical Inc.	\$35,000.00
Ron's Plumbing & Heating Inc.	\$36,900.00
 <u>Kings County Memorial Hospital - Medical Gas Upgrades - 27-Jul-17</u>	
Precision Mechanical Inc.	\$89,750.00
Entire Mechanical Contractors	\$136,200.00
 <u>Birchwood Intermediate - Additional Parking - 1-Aug-17</u>	
The Island Construction Ltd.	\$24,358.00
Island Coastal Services Ltd.	\$24,457.72
Birt & MacKay Backhoe Services Ltd.	\$25,627.82
 <u>Westwood Primary School - Parking Lot Repairs - 1-Aug-17</u>	
The Island Construction Ltd.	\$56,184.00
M&M Resources Inc.	\$64,850.00
 <u>Riverview LTC - TP 10 - Full Site Development - 10-Aug-17</u>	
Kings County Construction Ltd.	\$899,877.02
Island Coastal Services Ltd.	\$1,008,995.70
 <u>Riverview LTC - TP 11 - Kitchen Equipment - 10-Aug-17</u>	
Summertime Industries Inc.	\$396,376.00
Big Erics Ltd.	\$411,272.00
 <u>Riverview LTC - TP 12 - Laundry Equipment - 10-Aug-17</u>	
Chandler Motor Repair Inc.	\$43,585.00
East Coast Laundry Systems (Non Compliant Submission)	\$35,840.00
 <u>Kensington Intermediate High School - Boiler Stack Repairs - 15-Aug-17</u>	
Kensington Metal Products Inc.	\$4,900.00
Livingston Steel Inc.	\$5,300.00
MacDougall Steel Erectors Inc.	\$6,577.00
 <u>Three Oaks Senior High - TP#17 - Site Work, Track Upgrades - 17-Aug-17</u>	
Curran & Briggs Limited	\$454,500.00
Island Coastal Services Ltd.	\$479,208.50
 <u>Ecole Francois-Buote - Site Improvements - 22-Aug-17</u>	
Island Coastal Services Ltd.	\$56,700.00
Atlantic Horticultrual Services	\$64,696.30
 <u>Ecole Francois-Buote - Lift Station Control Panel - 7-Sep-17</u>	
R. Cudmore Electric Ltd.	\$17,975.00

Hansen Electric Ltd.	\$25,500.00
Olympia Electric Ltd	\$31,449.00
<u>PCH Renovation and Addition - Phase1- 19-Sep-17</u>	
Curran and Briggs Limited	\$199,800.00
<u>Three Oaks Senior High - PCB Transformers Removal & Disposal - 5-Oct-17</u>	
Clean Harbours Canada	\$24,320.00
Envirosystems Inc	\$25,885.00
Terrapure Environmental	\$31,000.00
<u>Granville Street Liquor Store - Exterior Renovation - 17-Oct-17</u>	
FitzGerald and Snow (2010) Ltd.	\$132,700.00
Strategic Construction	\$132,900.00
WM&M (1993) Ltd.	\$141,100.00
Sperra Construction Group	\$154,300.00
MacLean Construction Ltd.	\$160,000.00
<u>Eliot River Elementary - Gymnasium Lighting Upgrade - 19-Oct-17</u>	
Ford Electric Ltd.	\$14,321.00
Jamieson Electric & Refrigeration Ltd.	\$14,350.00
Hansen Electric Ltd.	\$14,500.00
Olympia Electric Ltd	\$17,600.00
R. Cudmore Electric Ltd.	\$17,851.00
Entire Electrical	\$23,187.00
<u>Orwell Historical Village Stanley-Lindsay House - Foundation Replacement - 31-Oct-17</u>	
Move All Structures	\$99,863.00
PD Construction	\$123,000.00
WM&M (1993) Ltd.	\$140,300.00
<u>Oak Tree Liquor Store - Exterior Renovation - 2-Nov-17</u>	
WM&M (1993) Ltd.	\$346,000.00
Strategic Construction	\$368,000.00
MacLean Construction Ltd.	\$418,000.00
<u>Shaw Building - Exit Stairwell Door, Frame & Hardware Replacement - 16-Nov-17</u>	
Strategic Construction	\$25,580.00
WM&M (1993) Ltd.	\$28,300.00
<u>QEH - Provincial Renal Clinic - 14-Dec-17</u>	
WM&M (1993) Ltd (A).	\$1,249,100.00
WM&M (1993) Ltd. (A+B)	\$1,335,400.00
MacLean Construction Ltd. (A)	\$1,313,000.00
MacLean Construction Ltd. (A+B)	\$1,414,000.00
Brighton Construction Inc. (A)	\$1,334,000.00
Brighton Construction Inc. (A+B)	\$1,431,000.00
FitzGerald and Snow (2010) Ltd. (A)	\$1,366,000.00
FitzGerald and Snow (2010) Ltd. (A+B)	\$1,468,000.00
<u>Queens County Highway Depot - Generator Supply & Install - 9-Jan-18</u>	
Hansen Electric Ltd.	\$176,000.00
Olympia Electric Ltd	\$182,000.00
<u>PE Home & Beach Grove Home - Patient Lift-Track Upgrades - 19-Jan-18</u>	
Lawtons Drug Stores Limited	\$64,236.00

<u>Queens County Highway Depot - Generator Concrete Pad - 1-Feb-18</u>	
Brumac Construction Ltd.	\$23,450.00
Strategic Construction	\$24,500.00
MacLean Construction Ltd.	\$24,900.00
WM&M (1993) Ltd.	\$25,700.00
Sperra Construction Group	\$30,900.00
<u>Glen Stewart Primary - Boiler Stack Replacement - 15-Feb-18</u>	
Entire Mechanical Contractors	\$39,888.00
Ron's Plumbing & Heating Inc.	\$47,000.00
Advanced Air Systems Inc.	\$49,600.00
<u>Kensington Intermediate High School - Boiler Stack Replacement - 15-Feb-18</u>	
Ron's Plumbing & Heating Inc.	\$32,000.00
Poirier Heating & Cooling Inc.	\$35,785.00
Entire Mechanical Contractors	\$38,794.00
Advanced Air Systems Inc.	\$43,600.00
<u>Provincial Artifactory - Kitchen Renovation - 27-Feb-18</u>	
NK Quality Restoration Inc.	\$15,200.00
Brumac Construction Ltd.	\$17,620.00
MacLean Construction Ltd.	\$20,500.00
Rainbow International Restoration of PEI	\$20,800.00
Sperra Construction Group	\$25,980.00
<u>Mount Stewart Consolidated - Partial Roof Replacement - 1-Mar-18</u>	
Ashe Roofing Ltd.	\$179,000.00
Atlantic Roofers Limited	\$179,853.00
A-Tech Roofing Ltd.	\$229,300.00
<u>Greenfield Elementary School - Partial Roof Replacement - 8-Mar-18</u>	
Atlantic Roofers Ltd.	\$112,000.00
<u>St. Jean Elementary School - Boiler and Stack Replacement - 8-Mar-18</u>	
Bevan Bros. Limited	\$154,700.00
Entire Mechanical Contractors	\$163,600.00
Ron's Plumbing & Heating Inc.	\$177,700.00

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2017 but under construction between April 1, 2017 to March 31, 2018:

- Various Schools - Oil Tank Replacements
- Phase 2 and 3 of the New Queens County Depot, Charlottetown
- QEH Electrical Infrastructure Upgrade
- PEI Cancer Treatment Centre QEH - Third Linear Accelerator Bunker and Related Renovations
- Tyne Valley Long Term Care Facility
- Ecole-la-Belle-Cloche Addition / Renovation (former Rollo Bay Consolidated)

Biomass Heat

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat for 26 Government facilities; the biomass heat plants for the 26 facilities were operational prior to March 31, 2018.

Provision of biomass heat at these facilities, in lieu of fuel oil, will reduce green house gas emissions and provide economic stimulus related to biomass fuel production, construction and system operation. Government facilities which utilized biomass heat, provided under contracts for the provision of biomass heat, are:

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

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:

Borden Scales

- Load Cell Repairs

Kensington Post Office

- A/C Replacement & Interior Modifications

Summerside Public Health, Linden Ave

- Dental Clinic Renovations

Access Summerside, Family & Human Services

- Interior Renovations

Green Park

- Building Demo

Potato Services Bldg

- Oil Tank Replacement

Tyne Valley Youth Centre

- Flooring Replacement
- Lighting Upgrade

Harbour Quay

- Interior Renovations

Access O'Leary

- Mechanical System Planning and Evaluation

Queens County:

Elmer Blanchard Bldg

- Stair Refinishing

Davies Courthouse

- Interior Painting

Shaw, Sullivan, Jones Bldg

- Jones Ceiling Tile Replacement
- Shaw Partial Roof Replacement
- Sullivan Walk In Freezer Upgrade
- Sullivan Elevator Modernization
- Jones / Shaw / Sullivan Interior Painting

Coles Building

- Exterior Stair Replacement
- Main Entrance Replacement

Provincial Correctional Centre

- Ceiling Tile Replacement
- System 7 AHU Replacement
- Washroom Renovations

Royalty Centre

- HVAC Upgrade

Richmond Center
- Carpet Replacement and Painting

Queens Co. Forestry
- Municipal Water Connection

Government House
- Interior Painting
- Hardwood Floor Refinishing

Four Neighbourhoods
- Interior Renovations

Brecken Yates
- Interior Renovations

Kings County:

Access Montague
- Sewer Lift Station System
- Family and Human Services - Interior Renovations

Montague Office Complex
- Stair Refinishing

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED MAINTENANCE AND ACCOMMODATIONS

April 1, 2017 - March 31, 2018

Hon. George Coles Building -Exterior Stair Replacement -May 25,2017

MacLean Construction	\$40,275.00
W M & M (1993) Ltd.	\$43,000.00

Elmer Blanchard Building -Stair Refinishing - June 9, 2017

Town N Country Carpet One	\$4,500.00
Flooring Canada	\$4,750.00

Green Park - Building Demo -Invite-May 25, 2017

Kildare Construction	\$6,200.00
Waugh's Construction Ltd.	\$9,750.00
A J L Ltd.	\$17,000.00

Load Cell Repairs Borden Scales - June 13, 2017

Fitzgerald & Snow (2010) Ltd.	\$101,450.00
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Green Park - Building Demo - Invite-June 13, 2017

Kildare Construction	\$6,200.00
Waugh's Construction Ltd	\$ 9,750.00
AJL Ltd.	\$17, 000.00

Shaw Building - Partial Roof Replacement - June 15,2017

Ashe Roofing Ltd.	\$248,000.00
Atlantic Roofers	\$307,797.00

Coles Building Main Entrance Replacement- Invite-July 14, 2017

City Glass	\$11,300.00
O'Connor Glass (no bid)	
<u>Jones Building Ceiling Tile Replacement - August 17, 2017</u>	
Paul Davis Systems	\$17,000.00
Rainbow International Restoration	\$24,600.00
<u>Provincial Correctional Centre Ceiling Tile Replacement - August 17, 2017</u>	
Paul Davis Systems	\$38,500.00
Rainbow International Restoration	\$48,900.00
<u>Potato Services Building Oil Tank Replacement - August 17, 2017</u>	
GNL Environmental Inc.	\$39,100.00
Ron's Plumbing & Heating Inc.	\$42,700.00
Bevan Brothers Ltd.	\$43,400.00
<u>Kensington Post Office A/C Replacement - RFQ- September 14, 2017</u>	
Controls & Equipment	\$5,258.00
Entire Mechanical Contractors	\$6,750.00
First Mechanical	\$8,579.00
<u>Tyne Valley Youth Centre Flooring Replacement - September 14, 2017</u>	
Marken West Inc.	\$6,634.44
City Flooring	\$7,040.00
Palmer Enterprises Ltd.	\$7,797.00
Hardy's Flooring & Installation Ltd. no bid	
<u>Sullivan Building Walk In Freezer Upgrade - September 14, 2017</u>	
Jamieson Electric & Refrigeration Ltd	\$19,748.00
Entire Mechanical Contractors	\$21,700.00
Rainbow International Restoration of PEI	\$22,700.00
Husmann Canada	\$23,175.00
First Mechanical Systems Ltd.	\$24,073.00
Lowther Refrigeration Ltd.	\$27,996.00
<u>Tyne Valley Lighting Upgrade (Invite) - September 21, 2017</u>	
Moore Electric Ltd.	\$15,772.16
R.I.K.S. Electric	\$34,207.90
Gaudets Electric no bid	
Economy Electric no bid	
Buchanan Electric no bid	
<u>Provincial Correctional Centre System 7 AHU Replacement - September 26, 2017</u>	
Entire Mechanical Contractors \$62, 300.00	
J & S Sheet Metal Ltd.	\$62,400.00
<u>Montague Access Centre Sewer Lift Station System- October 12, 2017</u>	
Douglas Moore Ltd.	\$7,400.00
Kamstar	\$8,035.00
<u>Provincial Correctional Centre Washroom Renovations- November 21, 2017</u>	
Rainbow International Restoration of PEI	\$147,830.00
Strategic Construction Ltd.	\$153,000.00
MacLean Construction Ltd.	\$180,000.00
Sperrra Construction Group	\$210,220.00

Summerside Public Health, Linden Ave. Dental Clinic Renovations - November 21, 2017

Strategic Construction	\$53,400.00
GIA Limited	\$74,000.00
MacLean Construction	\$74,700.00
Sperra Construction	\$80,665.00
Warren's Carpentry	\$147,750.00

Royalty Centre -HVAC Upgrade - December 7, 2017

J & S Sheet Metal Ltd.	\$72,300.00
Gavin Gill Inc.	\$80,850.00
Entire Mechanical Contractors	\$81,567.00

Elections PEI Reception Renovations Atlantic Technology Centre (Invite)- January 16, 2018

Strategic Construction	\$14,200.00
Brumac Construction Ltd.	\$14,760.00
McGuirk Bros. Construction Ltd.	\$14,980.00
Rainbow International Restoration of PEI	\$22,480.00
Sperra Construction Group	\$22,940.00
WM & M (1993) Ltd.	\$23,565.00

Kensington Post Office Interior Modifications -January 18, 2018

Strategic Construction	\$37,000.00
WM&M (1993) Ltd.	\$47,275.00
MacLean Construction Ltd.	\$77,400.00
Palmer Enterprises Ltd.	\$90,615.00

Court Services Interior Painting - February 15, 2018

Mallard Painting	\$14,800.00
Island Painting & Decorating Inc.	\$16,523.00
Strategic Construction	\$22,900.00
Stu Constable (tender revoked by contractor)	\$8,300.00

Access Summerside, Family & Human Services -Interior Renovations - March 6, 2018

Strategic Construction	\$25,900.00
Wellington Construction Company Ltd.	\$30,738.00
WM&M (1993) Ltd.	\$31,331.00
Sperra Construction Group	\$34,300.00
Brighton Construction	\$52,500.00

Family and Human Services Interior Renovations ,Access Montague - March 22, 2018

McGuirk Bros. Construction Ltd.	\$13,455.00
Burmac Construction Limited	\$14,750.00
A.R.Grant Construction (withdrew bid)	\$9,967.00

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED MAINTENANCE AND ACCOMMODATIONS

April 1, 2017 - March 31, 2018

Hon. George Coles Building -Exterior Stair Replacement -May 25, 2017

MacLean Construction	\$40,275.00
W M & M (1993) Ltd.	\$43,000.00

<u>Elmer Blanchard Building -Stair Refinishing - June 9, 2017</u>	
Town N Country Carpet One	\$4,500.00
Flooring Canada	\$4,750.00
<u>Green Park - Building Demo -Invite-May 25, 2017</u>	
Kildare Construction	\$6,200.00
Waugh's Construction Ltd.	\$9,750.00
A J L Ltd.	\$17,000.00
<u>Load Cell Repairs Borden Scales - June 13, 2017</u>	
Fitzgerald & Snow (2010) Ltd.	\$101,450.00
<u>Green Park - Building Demo - Invite-June 13, 2017</u>	
Kildare Construction	\$6,200.00
Waugh's Construction Ltd	\$ 9,750.00
AJL Ltd.	\$17, 000.00
<u>Shaw Building - Partial Roof Replacement - June 15,2017</u>	
Ashe Roofing Ltd.	\$248,000.00
Atlantic Roofers	\$307,797.00
<u>Coles Building Main Entrance Replacement- Invite-July 14, 2017</u>	
City Glass	\$11,300.00
O'Connor Glass (no bid)	
<u>Jones Building Ceiling Tile Replacement - August 17, 2017</u>	
Paul Davis Systems	\$17,000.00
Rainbow International Restoration	\$24,600.00
<u>Provincial Correctional Centre Ceiling Tile Replacement - August 17, 2017</u>	
Paul Davis Systems	\$38,500.00
Rainbow International Restoration	\$48,900.00
<u>Potato Services Building Oil Tank Replacement - August 17,2017</u>	
GNL Environmental Inc.	\$39,100.00
Ron's Plumbing & Heating Inc.	\$42,700.00
Bevan Brothers Ltd.	\$43,400.00
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Controls & Equipment	\$5,258.00
Entire Mechanical Contractors	\$6,750.00
First Mechanical	\$8,579.00
<u>Tyne Valley Youth Centre Flooring Replacement - September 14, 2017</u>	
Marken West Inc.	\$6,634.44
City Flooring	\$7,040.00
Palmer Enterprises Ltd.	\$7,797.00
Hardy's Flooring & Installation Ltd. no bid	
<u>Sullivan Building Walk In Freezer Upgrade - September 14, 2017</u>	
Jamieson Electric & Refrigeration Ltd	\$19,748.00
Entire Mechanical Contractors	\$21,700.00
Rainbow International Restoration of PEI	\$22,700.00
Hussmann Canada	\$23,175.00
First Mechanical Systems Ltd.	\$24,073.00
Lowther Refrigeration Ltd.	\$27,996.00

<u>Tyne Valley Lighting Upgrade (Invite) - September 21, 2017</u>	
Moore Electric Ltd.	\$15,772.16
R.I.K.S. Electric	\$34,207.90
Gaudets Electric no bid	
Economy Electric no bid	
Buchanan Electric no bid	
<u>Provincial Correctional Centre System 7 AHU Replacement - September 26, 2017</u>	
Entire Mechanical Contractors	\$62,300.00
J & S Sheet Metal Ltd.	\$62,400.00
<u>Montague Access Centre Sewer Lift Station System- October 12, 2017</u>	
Douglas Moore Ltd.	\$7,400.00
Kamstar	\$8,035.00
<u>Provincial Correctional Centre Washroom Renovations- November 21, 2017</u>	
Rainbow International Restoration of PEI	\$147,830.00
Strategic Construction Ltd.	\$153,000.00
MacLean Construction Ltd.	\$180,000.00
Sperrra Construction Group	\$210,220.00
<u>Summerside Public Health, Linden Ave. Dental Clinic Renovations - November 21,2017</u>	
Strategic Construction	\$53,400.00
GIA Limited	\$74,000.00
MacLean Construction	\$74,700.00
Sperra Construction	\$80,665.00
Warren's Carpentry	\$147,750.00
<u>Royalty Centre -HVAC Upgrade - December 7, 2017</u>	
J & S Sheet Metal Ltd.	\$72,300.00
Gavin Gill Inc.	\$80,850.00
Entire Mechanical Contractors	\$81,567.00
<u>Elections PEI Reception Renovations Atlantic Technology Centre (Invite)- January 16, 2018</u>	
Strategic Construction	\$14,200.00
Brumac Construction Ltd.	\$14,760.00
McGuirk Bros. Construction Ltd.	\$14,980.00
Rainbow International Restoration of PEI	\$22,480.00
Sperra Construction Group	\$22,940.00
WM & M (1993) Ltd.	\$23,565.00
<u>Kensington Post Office Interior Modifications -January 18, 2018</u>	
Strategic Construction	\$37,000.00
WM&M (1993) Ltd.	\$47,275.00
MacLean Construction Ltd.	\$77,400.00
Palmer Enterprises Ltd.	\$90,615.00
<u>Court Services Interior Painting - February 15, 2018</u>	
Mallard Painting	\$14,800.00
Island Painting & Decorating Inc.	\$16,523.00
Strategic Construction	\$22,900.00
Stu Constable (tender revoked by contractor)	\$8,300.00
<u>Access Summerside, Family & Human Services -Interior Renovations - March 6, 2018</u>	
Strategic Construction	\$25,900.00

Wellington Construction Company Ltd.	\$30,738.00
WM&M (1993) Ltd.	\$31,331.00
Sperra Construction Group	\$34,300.00
Brighton Construction	\$52,500.00
<u>Family and Human Services Interior Renovations ,Access Montague - March 22, 2018</u>	
McGuirk Bros. Construction Ltd.	\$13,455.00
Burmac Construction Limited	\$14,750.00
A.R.Grant Construction (withdrew bid)	\$9,967.00

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.

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

ENVIRONMENTAL MANAGEMENT SECTION

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

PROJECT REGISTRATION AND APPROVAL PROCESS

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

Project Approvals

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

- Blanket Approval
- Field Approval

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

The Section processed 308 environmental assessments/project approvals during 2017-2018, including 200 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.

2017 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DELJ Permit	Total
Prince	7	19	49	9	84
Queens	7	42	64	9	122
Kings	7	4	87	4	102
Province	21	65	200	22	308

Blanket Approvals

Across the Province, the Department conducts several activities that are repetitive in nature with low potential for causing adverse environmental effects. To simplify the approval process for these types of activities, the activities have been grouped by activity-type and each activity-type has been assigned a blanket approval with standardized conditions-of-approval. Generally, a blanket approval provides authorization for multiple projects of the same activity-type to be completed under a district by county-based approval.

EMS now issues blanket approvals to the Department's Highway Maintenance Division (HMD), Bridge Maintenance Section, Capital Projects Division, Confederation Trail Program, as well as Canada Post and Maritime Electric. The issuing of these approvals streamlines the project registration and approval process, while at the same time, maintaining established standards of environmental protection. A summary of projects completed in each county during 2017-2018 for the various blanket approval types is provided in the following table:

2017 Blanket Approval Summary

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Millings, Gravel and/or Asphalt Placement	42	8	7	57
Shore Access	0	4	7	11

Blanket Approval Type	Number of Blanket Approval Projects Completed			
	Kings County	Queens County	Prince County	Provincial Total
Maintenance of Environmental Controls	14	48	24	86
Guardrail Reinstatement (with shoulder work)	3	12	9	24
Confederation Trail Vegetation Management	5	18	0	23
Brush Cutting	50	55	95	200
Timber Pile Bridge Minor Repair	0	5	2	7
Unpaved Road Improvements With/Without Ditching (within 30 m of Watercourse/Wetland)	7	29	24	60
Surface Water Cross Culvert Replacement	15	11	20	46
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	3	6	12	21
Maintenance of Provincial Tap Drains	0	2	5	7
Repair/Replace Timber Floors	1	6	3	10
Shoulder Grading/Planing & Material Placement	27	34	18	79
Total Blanket Approval Projects	219	285	295	799

Field Approvals

The field approval enables a project proponent to receive an approval-to-proceed from the EMS Environmental Officer at the initial site meeting, with no additional paperwork or submission requirements. Most projects that receive a field approval have a greater potential for causing environmental impacts than those projects that would receive an EMS Approval-to-Proceed. In 2017-2018, 200 field approvals were issued.

EMS Approval-to-Proceed

The EMS Approval-to-Proceed permit allows our Environmental Management Section to issue approvals for projects that present a higher degree of environmental risk. Each proposed project is subject to an application process which provides a departmental Environmental Officer with an opportunity to review the project, workplan, timeframe, assess the potential impacts, and develop a set of conditions to be followed. In 2017-2018, 65 EMS Approval-to-Proceed permits were issued.

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

Projects which are approved under the EMS Approval-to-Proceed with DCLE Watercourse, Wetland, or Buffer Zone Activity permits are subject to review by EMS, the Provincial Department of Communities, Land and Environment and, in some circumstances, Fisheries and Oceans Canada. These types of projects include activities which are considered to be of significant risk to the environment. Similar to the EMS Approval-to-Proceed permit, projects approved under this type of permit are subject to an application process, which involves a review of the project, workplan, timeframe, and an assessment of the potential environmental impacts. Upon completion of the review, an approval with specific conditions is issued; considerations of time of year and work method are major factors in the granting of these approvals. In 2017-2018, 22 EMS Approval-to-Proceed with DCLE Watercourse, Wetland, or Buffer Zone Activity permits were issued.

Environmental Audit Results

Annually, at the end of the construction season, an environmental audit is undertaken. The audit provides an opportunity to discuss work methods, environmental controls, and new and different methods of conducting work. In 2017-2018, 28 projects were audited by the Environmental Management Section. Of the 28 projects, 1 exceeded the requirements of the permit while 23 met the requirements of the permit, and 4 met most of the requirements of the permit (with follow-up visits to ensure all requirements were met). The Department of Communities, Land and Environment, along with the Department of Fisheries and Oceans, conduct their own environmental audit of TIE projects.

MISCELLANEOUS INITIATIVES AND SERVICES

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

Training Delivered

In 2017-2018, 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. EMS staff also made presentations to staff with the Highway Maintenance Division and Confederation Trail Program at Spring Orientation sessions.

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
- Agricultural Siltation into ROW
- Adopt-A-Highway Program
- Fuel Spill Response Procedures
- Water Well Replacement Policy
- Wetland Conservation Policy

Policies

- Culvert Sizing Policy
- Approval-to-Proceed Renewal/Modification/Extension Policy
- Frequency and Documentation Required for Environmental Inspections
- Seeding Policy

Designated Scenic Heritage Roads

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

Agriculture-Related Work

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

Agricultural Encroachment on ROW

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

Adopt-A-Highway Program

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

Fish Passage Restoration Program

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

Environmentally-based Community/Public Partnering Projects

- The EMS annually coordinates the Department's involvement in a variety of environment-related community/public partnering initiatives that enhance the environment or provide environmentally beneficial results for the general public. These requests for assistance typically involve work that can be grouped into six categories: sediment control; fish passage restoration; erosion control; shoreline/coastal stabilization; habitat restoration; and, community access. Department work involves in-kind provision of materials, equipment, surveying, project planning and environmental mitigation. The EMS, Highway Maintenance, Bridge Maintenance and Capital Projects sections all participate in these projects. The EMS worked with 18 watershed and community groups and contributed to 40 individual watershed improvement projects in 2017-2018.

- The EMS partnered with the PEI Watershed Alliance in 2017-2018 to develop a Program that will identify a pilot watershed management project in each County focussed on roads and structures. Watershed groups from across the Island will submit a proposal for a watershed or sub-watershed that requires assistance with issues relating to the management of roads and watercourse structures. The EMS will develop a five-year road/structure management plan for the watershed selected in each County.

- 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 Agriculture and Fisheries. 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 105 sites in 2017-2018.

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

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

Regulatory Approvals and Environmental Assessments

On behalf of the Department, the EMS acquires project approvals from external Federal and Provincial regulators, and coordinates the completion of Federal assessments/screenings for larger capital projects. The common types of approvals required include Provincial Environmental Assessment Review, *Navigable Waters Protection Act* (NWPA) Approval, reviewed by Fisheries and Oceans Canada to determine whether a project will result in serious harm to fish, and Watercourse, Wetland, and Buffer Zone Activity Permits.

In 2017-2018, EMS finalized the Provincial EIA process for the Trans-Canada Highway Extension, Cornwall to Clyde River project.

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.

THE OFFICE OF THE PROVINCIAL CHIEF SURVEYOR

This Office provides land surveying services and expert opinion on legal and technical aspects related to land surveying and maintains a close working relationship with the Properties, Capital Projects, Highway Maintenance, Building Design and Construction sections of the Department. Expertise and services are also provided to other departments including: Communities, Land and Environment; Finance; Agriculture and Fisheries; Economic Development and Tourism; government agencies and boards; community groups; as well as the greater legal, engineering and land surveying community throughout the Province. The following are essential functions of the Office:

- provide timely, comprehensive and efficient land and engineering surveying services on public roads and provincial lands;
- provide technical expertise and regulate surveys completed under the *Natural Gas Act* and the *Mineral Resources Act*;
- collect evidence and provide expert opinion on the tenure (public or private) of particular roads, rights-of-ways and public easements in the Province;
- maintain and manage the provincial control survey networks and provide technical assistance to various GNSS/GIS users on the provincial datum and mapping plane;
- maintain a library of documentary evidence and case law related to land tenure and surveying in Prince Edward Island and other provinces; and
- coordinate survey training sessions and develop standards for engineering and legal surveying crews within the Department, as well as coordinate and implement quality control standards for the collection of engineering surveying data to ensure accuracy and reliance sufficient to exceed high engineering design standards.

Staff members are specifically trained in land surveying and particularly in the collection and assessment of boundary evidence. Staff currently consists of one professional land surveyor/professional engineer, two geomatics technicians, a research technician, a research/administrative support clerk, and two survey crews.

In the past year, approximately 105 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

In the past year, the Office has opened approximately 39 files relating to road width and status enquiries. Disputed public roads continue to consume a major portion of the Office's resources. Often an issue is the existence of a public road leading to the shore that is not visible on the ground, nor shown on the provincial highway atlas, or the width of the road is less than the current standard of 20.117 metres (66 feet).

Resources are now more dedicated towards gathering the appropriate information required to defend the tenure of the non-essential roads, than the roads that are either classified and/or accepted into our network of maintained public roads. The section will be working towards resolving this imbalance. Through ongoing research associated with individual requests regarding public roads, the Office has become more knowledgeable in the historic land tenure process associated with the development of the Province's road infrastructure.

Legal Surveys

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

Survey plans for the acquisition of land and preliminary survey work has been carried out on the existing road boundaries in preparation for the construction of roundabouts at Oyster Bed Bridge and Newton. Topographic surveys have been completed for West Royalty, L.M. Montgomery, Stratford and Ecole-sur-Mer schools to assist in planning for future expansion at those sites. Work has also been carried out on the new Government Highway Maintenance Depot site on the Brackley Point Road including elevation verifications for existing and proposed improvements. Survey work has continued for land acquisitions for the Trans Canada Highway Extension, Cornwall to Clyde River, Phase 2.

Provincial Survey Reference System

The GNSS-based active control network has now been in use by Government survey crews for three years. The system has performed within the specifications of the manufacturer and has improved efficiency of gathering data in the field by the survey crews. The system has proven to be fairly robust, with very few outages, most of which are related to localized power outages in the areas where the stations are located. Coverage of the system Island-wide is very good. The Office is now producing plans with coordinates reflected in this system, with observed ties to existing passive monuments, to allow for conversion from the active control network to the monument network for those in the private sector not currently using the active control network.

An issue has been identified in the past year regarding a fluctuation in the elevations being measured at a point when a 'loss of lock' occurs; when the point is re-established, users are receiving the signal from a different station in the network. A request has been put forth to ITSS to review this but they have been unable to find the cause. As well, Leica Geosystems, the manager of the network, has done extensive testing and has been unable to pinpoint the cause of the issue. This Office has advised that in cases where a more consistent elevation observation is required, for example in the case of setting grades, users of the system should set local control points with fixed elevations and operate either a GPS base-rover setup, or total station setup utilizing those local control points.

Drones

The Office has begun to incorporate the use of drone technology to aid in the gathering of data for topographic surveys. These services are currently provided to use by the Department of Agriculture and Fisheries.

PROPERTIES SECTION

General Activities

The Properties Section is responsible for the provision of real estate services on behalf of all government departments in regards to the ownership of provincial properties. Examples of the types of real estate services that are commonly provided are as follows:

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

Real estate services are also provided to other government agencies such as the English Language School Board, Health PEI, PEI Energy Corporation, Island Waste Management Corporation, PEI Liquor Control Commission, Charlottetown Area Development Corporation, Innovation PEI, as well as the Museum and Heritage Foundation, Holland College, municipalities and other local development corporations formed to promote economic growth outside the larger municipal centres.

The Properties Section maintains a computer-based filing system (Land Information Management System - LIMS) is 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, 2018, there were approximately 2,159 essential properties (totalling 98,625 acres) and 154 surplus properties (totalling 423 acres) held in provincial ownership and under the management of various government departments.

For the period April 1, 2017 to March 31, 2018, the Properties Section received 485 inquiries related to provincial property matters.

Property Leases - April 1, 2017 to March 31, 2018

For the period April 1, 2017 to March 31, 2018, there were 94 lease agreements on 106 provincial properties (1,336 approximate acres) generating a revenue of \$75,978.15 for this period.

In addition, there were an additional 305 lease or licence agreements on 551 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 Acquisitions (Not RLAF) - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
1023241	Kensington	8.82 acres	\$135,000	Acquired for a proposed expansion of the Grain Elevators, PID #413773.
1093640	Alberry Plains	32.50 acres	\$0	Part of a land exchange with portion of PID #579185.
886655	Red Point	1.03 acres	\$20,686	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
162651	Lorne Valley	1.08 acres	\$2,659	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
609602	Bangor	1.00 acres	\$12,040	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
188177	Bangor	1.47 acres	\$4,199	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

633958	Milburn	0.34 acres	\$11,534	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
120451	Southampton	1.18 acres	\$8,762	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
550749	Monticello	1.40 acres	\$3,578	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
734418	North Enmore	2.00 acres	\$5,929	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
669358	Belle River	0.75 acres	\$6,466	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
29058	Conway	0.50 acres	\$9,820	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
635516	Tenmile House	0.46 acres	\$4,360	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
644690	Elmsdale	55.25 acres	\$11,095	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
652065	West Devon	0.038 acres	\$3,092	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
24851	Mount Pleasant	1.00 acres	\$13,742	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
453563	Bellevue	1.00 acres	\$3,524	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
324848	Wood Islands	0.25 acres	\$3,299	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
699504	Rock Barra	2.40 acres	\$4,713	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
6114	Tignish	0.50 acres	\$44,435	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
209494	Augustine Cove	0.21 acres	\$2,691	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
629113	Bloomfield	0.12 acres	\$3,153	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
528984	Freeland	0.20 acres	\$3,697	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
101071	Souris	0.19 acres	\$6,744	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
288365	Murray River	2.00 acres	\$6,817	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
417469	Souris	0.39 acres	\$5,254	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
251074	Gaspereaux	1.00 acres	\$6,191	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
47001	Glenwood	0.39 acres	\$3,793	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
302190	Summerside	0.14 acres	\$17,519	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
333443	Mount Buchanan	0.80 acres	\$3,741	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
651513	Inverness	0.03 acres	\$3,149	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
898007	Indian River	0.41 acres	\$3,822	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
649434	St. Lawrence	0.34 acres	\$3,255	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
885731	Indian River	0.38 acres	\$3,691	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
654830	Hopefield	2.00 acres	\$4,837	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
533505	Cornwall	0.26 acres	\$6,233	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
99275	Breadalbane	23.00 acres	\$3,648	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
453548	Bellevue	1.00 acres	\$3,475	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
678508	Albany	0.05 acres	\$2,695	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
614990	Freeland	0.78 acres	\$3,914	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
33662	Elmsdale	0.40 acres	\$8,678	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
129940	Watervale	1.00 acres	\$4,707	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
640326	Elmwood	0.19 acres	\$6,701	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
199711	Montague	0.25 acres	\$7,787	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
580605	Bloomfield	1.95 acres	\$12,043	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
563015	St. Lawrence	0.94 acres	\$3,742	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
60939	Central Lot 16	0.28 acres	\$4,256	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
Total	47 Properties	151.668 acres	\$455,166	

**Property Acquisitions (RLAF) - April 1, 2017 to March 31, 2018
(RLAF - Resource Land Acquisition Fund)**

Parcel	Location	Acreage	Amount	Notes
10819	Pleasant View	10.00 acres	\$4,023	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
10827	Pleasant View	77.00 acres	\$30,977	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
38935	Duvar	80.00 acres	\$18,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
56077	West Devon	70.00 acres	\$9,500	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division). Government paid \$9,500.00 and Ducks Unlimited paid \$8,000.00.
107417	Little Harbour	50.00 acres	\$25,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
114884	St. Margaret	100.00 acres	\$38,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
123398	St. Teresa	36.00 acres	\$20,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
123497	St. Teresa	48.60 acres	\$23,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
123836	St. Teresa	16.00 acres	\$4,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).

Parcel	Location	Acreage	Amount	Notes
297176	Hopefield	19.00 acres	\$11,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
427690	Monticello	24.00 acres	\$89,500	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
661884	St. Patrick Road	30.00 acres	\$6,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
1096890	Lake Verde	60.00 acres	\$21,000	Acquired for the Department of Communities, Land & Environment (Forests, Fish & Wildlife Division).
Total	13 Properties	620.60 acres	\$300,000	

Easements Granted - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
286716	Murray River	0.015 acres	\$0	Easement granted for underground pipe.
286856	Murray River	0.002 acres	\$0	Easement granted for underground pipe.
286864	Murray River	0.002 acres	\$0	Easement granted for underground pipe.
618520	Murray River	0.10 acres	\$0	Easement granted for underground pipe.
387373	Charlottetown	0.029 acres	\$0	Utility easement granted for parking lot light located within the Right-of-Way corridor.
387381	Charlottetown	0.019 acres	\$0	Utility easement granted for parking lot light located within the Right-of-Way corridor.
298737	North Wiltshire	0.04 acres	\$500	Agricultural Right-of-Way granted to access property bisected by the Confederation Trail.

138511	West Covehead	0.014 acres	\$0	Easement granted for existing street lighting to remain on new section of road.
620989	Marshfield	0.33 acres	\$0	Easement granted for infrastructure maintenance.
620989	Marshfield	0.21 acres	\$0	Right-of-Way granted over old road bed to access PID #620989.
490573	Marshfield	0.54 acres	\$0	Right-of-Way granted over PID #530972 to access PID #490573 due to road configuration project.
Total	11 Properties	1.301 acres	\$500	

Easements Acquired - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
490573	Marshfield	0.04 acres	\$0	Acquired easement for storm water management.
1002559	Margate	0.04 acres	\$600	Acquired easement for storm water management.
87148	Margate	0.014 acres	\$500	Acquired easement for storm water management.
87692	Clinton	0.027 acres	\$500	Acquired easement for storm water management.
720253	Margate	0.01 acres	\$500	Acquired easement for storm water management.
27763	Ellerslie-Bideford	0.07 acres	\$500	Acquired easement for storm water management.
160952	Cardigan	0.49 acres	\$0	Acquired easement for storm water management.
604454	York	0.059 acres	\$500	Acquired easement for storm water management.
139345	York	0.20 acres	\$6,500	Acquired easement for storm water management.
2550	St. Lawrence	0.09 acres	\$500	Acquired easement for storm water management.
607960	Cornwall	0.26 acres	\$0	Acquired easement for storm water management.
814327	Wellington	0.015 acres	\$1,000	Acquired easement for storm water management.
262303	Wellington	0.003 acres	\$500	Acquired easement for storm water management.

Parcel	Location	Acreage	Amount	Notes
262253	Wellington	0.005 acres	\$500	Acquired easement for storm water management.
772715	Wellington	0.14 acres	\$500	Acquired easement for storm water management.
742809	Cornwall	0.21 acres	\$24,000	Acquired easement for tap drain.
251041	Gaspereaux	0.002 acres	\$500	Acquired easement for tap drain.
128314	Victoria Cross	0.17 acres	\$0	Acquired easement for tap drain.
630939	Victoria Cross	0.17 acres	\$0	Acquired easement for tap drain.
138511	West Covehead	0.192 acres	\$0	Acquired easement for tap drain.
264283	Mont-Carmel	0.24 acres	\$0	Acquired easement for tap drain.
10959	Waterford	0.22 acres	\$0	Acquired easement for tap drain.
1054600	Charlottetown	0.178 acres	\$23,000	Acquired easement for drainage and also to allow fishermen and public to access boat slip at bridge area.
128496	Union Road	0.03 acres	\$500	Acquired easement for sight distance.
224972	Kellys Cross	0.04 acres	\$500	Acquired ditch slope easement as part of road improvements.
1039353	Tyne Valley	0.06 acres	\$0	Acquired easement for vehicle turning area.
20883	Tyne Valley	0.06 acres	\$0	Acquired easement for vehicle turning area.
684621	Cornwall	0.013 acres	\$0	Acquired easement for a temporary vehicle turning area.
859066	Charlottetown	0.21 acres	\$26,000	Acquired easement to allow fishermen and the public to access boat slip at bridge area.
387381	Charlottetown	0.003 acres	\$81	Acquired easement to accommodate a highway sign encroachment.
286708	Murray River	0.06 acres	\$0	Acquired easement for running pipe underground.
128892	Mount Mellick	0.20 acres	\$650	Acquired easement for future infrastructure maintenance.

Parcel	Location	Acreage	Amount	Notes
				infrastructure maintenance.
251488	Gaspereaux	0.001 acres	\$500	Acquired easement storm water management.
330407	Belfast	0.18 acres	\$0	Acquired easement storm water management.
225094	Kellys Cross	0.027 acres	\$500	Acquired easement storm water management.
Total	35 Properties	3.729 acres	\$88,831	

Disposals for Highways - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
468058	Oyster Bed	0.01 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner.
720029	Marshfield	0.67 acres	\$18,000	Portion of old road bed and remnant piece of land closed and conveyed to adjacent property owner.
530972	Marshfield	0.64 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner.
620989	Marshfield	0.056 acres	\$0	Remnant parcel of land conveyed to adjacent property owner.
564500	Ellerslie-Bideford	0.12 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner.
138511	West Covehead	0.57 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner in exchange for a portion of MacMillan Point Road.
750455	Ellerslie-Bideford	0.084 acres	\$0	Part of a land exchange with portion of PID #750455 for old road bed, which was acquired for road realignment.
Total	7 Disposals	2.15 acres	\$18,000	

Acquisitions for Highways - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
245621	Cornwall	0.33 acres + residence & two outbuildings	\$100,000	Acquired for new Trans Canada Highway Extension Project.
1089044	Clyde River	49.00 acres	\$172,500	Acquired for new Trans Canada Highway Extension Project.
138511	West Covehead	1.29 acres	\$0	Acquired a portion of MacMillan Point Road in exchange for old road bed conveyed to adjacent property owner.
501825	St. Lawrence	1.00 acres	\$4,500	Acquired for new arch structure.
245464	Cornwall	2.39 acres	\$2,000,000	Acquired for new Trans Canada Highway Extension Project.
1054600	Charlottetown	0.027 acres	\$9,000	Acquired for new roundabout project.
673038	Charlottetown	0.055 acres	\$16,000	Acquired for new roundabout project.
228551	Clyde River	0.45 acres + residence & outbuilding	\$140,800	Acquired for new Trans Canada Highway Extension Project.
87049	Margate	0.34 acres	\$5,000	Acquired for bridge replacement project.
859066	Charlottetown	0.076 acres	\$22,500	Acquired for new roundabout project.
20883	Tyne Valley	0.50 acres	\$0	Acquired for new road and correct encroachment issue.
620989	Marshfield	0.27 acres	\$41,466	Acquired for road realignment project.

Parcel	Location	Acreage	Amount	Notes
576231	Mt. Herbert	0.20 acres	\$15,000	Acquired for new roundabout project.
1039353	Tyne Valley	0.24 acres	\$0	Acquired for new road and correct encroachment issue.
222190	Central Bedeque	0.08 acres	\$1,390	Acquired for road widening.
221911	Central Bedeque	0.02 acres	\$700	Acquired for road improvements.
221812	Central Bedeque	0.31 acres	\$1,700	Acquired for road realignment project.
750455	Ellerslie-Bideford	0.33 acres	\$0	Part of a land exchange with portion of PID #750455 for old road bed, which was acquired for road realignment.
887745	Arlington	0.07 acres	\$500	Acquired for road improvements and bridge maintenance.
1091628	Clyde River	36.00 acres	\$130,000	Acquired for new Trans Canada Highway Extension Project.
129031	Mount Mellick	0.05 acres	\$3,500	Acquired for road realignment project.
697797	New Annan	0.03 acres	\$0	Acquired for road widening.
1089150	Charlottetown	0.27 acres	\$58,000	Acquired for future roundabout project.
1088780	Charlottetown	0.22 acres	\$80,000	Acquired for future roundabout project.
1092915	Cornwall	38.00 acres	\$133,760	Acquired for new Trans Canada Highway Extension Project.
398586	Stratford	0.69 acres	\$0	Acquired for new extension to subdivision street.

Parcel	Location	Acreage	Amount	Notes
224725	Kellys Cross	0.026 acres	\$1,000	Acquired for arch structure replacement .
224923	Kellys Cross	0.026 acres	\$1,000	Acquired to replace the watercourse crossing structure.
814350	New Annan	0.01 acres	\$500	Acquired for road widening.
1093228	Cornwall	21.77 acres	\$134,100	Expropriated settlement Trans Canada Highway Extension Project.
746842	Mount Herbert	1.41 acres	\$55,451	Acquired for new roundabout project.
1019264	Mount Herbert	0.14 acres	\$5,200	Acquired for new roundabout project.
592055	Central Bedeque	.99 acres	\$5,200	Acquired for road realignment.
817429	Central Bedeque	0.27 acres	\$1,195	Acquired for road realignment.
222083	Central Bedeque	0.46 acres	\$2,105	Acquired for road realignment.
224691	Kellys Cross	0.25 acres	\$6,105	Acquired for road realignment.
839332	Charlottetown	0.012 acres	\$0	Acquired for road realignment.
245118	Cornwall	1.00 acres + 3 unit apartment building	\$266,000	Acquired for new Trans Canada Highway Extension Project.
935700	Bloomfield	0.112 acres	\$4,000	Acquired for new roundabout project.
246850	Cornwall	4.00 acres	\$22,000	Acquired for new Trans Canada Highway Extension Project.
872044	Mount Mellick	7.27 acres	\$47,259	Acquired for road realignment.

Parcel	Location	Acreage	Amount	Notes
37432	Bloomfield	0.11 acres	\$4,800	Acquired for new roundabout project.
641191, 641217 & 6412	Brackley	6.54 acres	\$507,250	Acquired for buffer to new Government Garage site.
37424	Bloomfield Corner	0.026 acres	\$1,141	Acquired for new roundabout project.
401257	Tryon	2.00 acres + old school house	\$150,000	Acquired for the purpose of removing the commercial access off the TCH.
129080	Mount Mellick	1.62 acres	\$10,530	Acquired for road realignment.
241455	Oyster Bed Bridge	1.24 acres + house and outbuilding	\$203,500	Acquired for new roundabout project.
871665	Mount Herbert	0.006 acres	\$500	Acquired for new roundabout project.
387381	Charlottetown	0.055 acres	\$1,527	Acquired for new roundabout project.
387373	Charlottetown	0.159 acres	\$4,392	Acquired for new roundabout project.
151266	Fortune Bridge	0.70 acres	\$0	Quit claim for road in exchange for tax receipt in the amount of \$29,000.00.
Total	53 Properties	182.44 acres	\$4,371,071	

Property Disposals (Not RLAF) - April 1, 2017 to March 31, 2018

Parcel	Location	Acreage	Amount	Notes
211334	Borden-Carleton	0.02 acres	\$1,304	Disposed of vacant land by Restricted Tender.
579185	Alberry Plains	32.50 acres	\$0	Part of a land exchange with portion of PID #186064 (now PID #1093640).
1054691	New Haven	1.70 acres	\$0	Conveyance to the Mi'kmaq Confederacy of PEI for economic development purposes.
283804	Hunter River	0.25 acres	\$55,000	Disposed of house and land by Public Tender process.

Parcel	Location	Acreage	Amount	Notes
380733	Borden-Carleton	0.31 acres	\$0	Disposed of vacant land by Quit Claim deed to the Town of Borden-Carleton.
1010313	Brackley	0.90 acres	\$77,000	Property conveyed for commercial operation.
797175	Cap-Egmont	0.10 acres	\$200	Tax sale property sold to adjacent landowner by Restricted Tender.
774828	Souris	0.21 acres	\$250	Tax sale property sold to adjacent landowner by Restricted Tender.
501890	St. Lawrence	5.00 acres	\$3,300	Tax sale property sold by Public Tender process.
297374	Hopefield	0.19 acres	\$100	Tax sale property sold to adjacent landowner by Restricted Tender.
521583	Riverton	0.50 acres	\$700	Tax sale property sold to adjacent landowner by Restricted Tender.
210419	Cape Traverse	0.20 acres	\$100	Tax sale property sold to adjacent landowner by Restricted Tender.
499236	Launching	1.50 acres	\$2,000	Tax sale property sold to adjacent landowner by Restricted Tender.
220707	Bedeque	0.25 acres	\$2,000	Tax sale property sold to adjacent landowner by Restricted Tender.
251298	Murray Harbour North	0.25 acres	\$87	Tax sale property sold to adjacent landowner by Restricted Tender.
24927	Mt. Pleasant	1.00 acres	\$400	Tax sale property sold to adjacent landowner by Restricted Tender.
642199	Mt. Pleasant	0.33 acres	\$300	Tax sale property sold to adjacent landowner by Restricted Tender.
76141	Kensington	0.84 acres	\$12,552	Tax sale property sold by Public Tender process.
644567	Burton	5.00 acres	\$5,000	Tax sale property sold by Public Tender process.
638783	St. Lawrence	3.00 acres	\$2,600	Tax sale property sold by Public Tender process.
258012	Murray Harbour North	0.41 acres	\$4,000	Tax sale property sold by Public Tender process.
638973	St. Felix	3.00 acres	\$8,001	Tax sale property sold by Public Tender process.

116178	New Zealand	0.22 acres	\$7,500	Tax sale property sold by Public Tender process.
171926	Georgetown	0.25 acres	\$1,000	Tax sale property sold by Public Tender process.
199711	Montague	0.23 acres	\$0	Conveyance to the Montague Regional Athletic Complex Association with a reversionary clause.
172007	Georgetown	0.11 acres	\$0	Conveyance to the Town of Georgetown with a reversionary clause.
319426	Summerside	0.17 acres	\$9,500	Tax sale property sold by Public Tender process.
104141	Souris	0.47 acres	\$7,000	Tax sale property sold by Public Tender process.
5777	Tignish	1.10 acres	\$0	Conveyance to the Tignish Sports & Recreation Association with a reversionary clause.
825836	Inkerman	0.50 acres	\$7,610	Tax sale property sold by Public Tender process.
222687	North Bedeque	1.01 acres	\$9,001	Tax sale property sold by Public Tender process.
631416	St. Charles	1.00 acres	\$3,500	Sale of a former tax sale property.
156786	Strathcona	2.52 acres	\$5,000	Tax sale property sold by Public Tender process.
435339	St. Charles	65.46 acres	\$1,000	Tax sale property sold to adjacent landowner by Restricted Tender.
Total	34 Disposals		\$226,005	

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 favourable 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 FY2017/18 was approximately \$37,293,291.00. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

A new funding agreement, 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 12 projects completed, larger projects were completed on Route 1 with included the North River Roundabout and the Cornwall Bypass was started with subgrade work and bridge work initiated. Route 2 also had various projects completed including resurfacing of the Travelers Rest Roundabout, Route 2 – Marshfield and a section in Hunter River. Under this agreement, for the first time, collector roads with traffic counts over 1000 ADT (annual daily traffic counts) could be cost shared under this program. Some of the were projects completed were Murray Harbour, St. Edwards and Basin Head under this program.

The New Deals for Cities and Communities Projects included 18 projects including; projects in Wellington, Valleyfield, Grand Tracadie, O'Leary and bridge work on the Hillsborough Bridge.

Once again, the Capital Budget for Highways and Bridges was approved in the fall session of the Legislature. This enabled our 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 to 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 has introduced a new Highway Pavement Management System 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, stormwater 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 2017-2018

Subdivision Name Location	SD #	Street Names	Length (km)	Grade (km)	Gravel (km)	Base (km)	Seal (km)	To be Sealed (km)	New Pavement (km)
QUEENS COUNTY									
Southside Greens - Stratford	859	Green Way Ht.	0.19	0.19	0.19	0.19	0.0	0.19	0.19
Beacon Hill Sub. - Stratford	485	Tuckers Way	0.16	0.16	0.16	0.16	0.16	0.0	0.16
Provincial Totals			0.35	0.35	0.35	0.35	0.35	0.19	0.35

SCHEDULE OF HIGHWAYS & BRIDGES TENDERS RECEIVED

April 1, 2017 - March 31, 2018

Route 153 - St. Edward- April 6, 2017

Curran & Briggs Ltd.	\$232,472.20
Chapman Bros. Construction Ltd.	\$238,354.00

Route 150 - Alberton/Union- April 6, 2017

Curran & Briggs Ltd.	\$296,336.20
Chapman Bros. Construction Ltd.	\$303,537.40

Route 2 - Bloomfield Corner Roundabout- April 6, 2017

Curran & Briggs Ltd.	\$1,221,163.00
Chapman Bros. Construction Ltd.	\$1,258,735.40
AJL Ltd.	\$1,353,759.50
Stewart Enterprises Ltd.	\$1,484,880.88
Island Coastal Ltd.	\$1,659,459.00

Route 142 - O'Leary- April 6, 2017

Curran & Briggs Ltd.	\$156,184.00
Chapman Bros. Construction Ltd.	\$166,277.00

Route 124 – Wellington- April 6, 2017

Curran & Briggs Ltd.	\$195,479.00
Chapman Bros. Construction Ltd.	\$202,336.00

Trans Canada Highway Extension - Cornwall Phase IIA- April 6, 2017

Island Coastal Services Ltd.	\$4,826,023.00
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Route 6 - Grand Tracadie- August 6, 2017

Chapman Bros. Construction Ltd.	\$1,103,191.00
Curran & Briggs Ltd.	\$1,120,111.00
Island Construction Ltd.	\$1,179,126.50

Route 21 & 215 - Mount Herbert Roundabout- April 6, 2017

Chapman Bros. Construction Ltd.	\$705,046.00
Birt & MacKay Backhoeing Ltd.	\$714,957.53
Island Coastal Ltd.	\$720,369.78
Island Construction Ltd.	\$720,657.14

Irving Avenue – Stratford- April 6, 2017

M & M Resources	\$137,686.00
Birt & MacKay Backhoeing Ltd.	\$142,466.50
Island Coastal Services Ltd.	\$143,615.50

St. Raphael Bridge Rte. 177- Structure Replacement – April 6, 2017

Gillis Welding & Machine Shop Ltd.	\$203,411.78
AJL Ltd.	\$257,770.50
Noye & Noye Ltd.	\$269,693.00
Highland Construction Ltd.	\$287,107.00
Island Coastal Services Ltd.	\$319,873.00

Stanley Bridge Rte. 6 – Deck Rehabilitation – April 6, 2017	
Curran & Briggs Ltd.	\$44,688.40
Island Construction Ltd.	\$76,044.00
Route 1 - Upton Road- May 4, 2017	
Chapman Bros. Construction Ltd.	\$142,829.00
Island Construction Ltd.	\$144,387.50
Route 6 - Margate/Kensington- May 4, 2017	
Chapman Bros. Construction Ltd.	\$1,103,191.00
Curran & Briggs Ltd.	\$1,120,111.00
Island Construction Ltd.	\$1,179,126.00
Route 13 - Kellys Cross – May 4, 2017	
Curran & Briggs Ltd.	\$276,033.70
Birt & MacKay Backhoeing Ltd.	\$294,182.30
Island Coastal Services Ltd.	\$307,936.50
Chapman Bros. Construction Ltd.	\$348,511.50
Route 124 - Abrams Village- May 4, 2017	
Curran & Briggs Ltd.	\$169,945.20
Chapman Bros. Construction Ltd.	\$176,802.20
Kelly Drive Sidewalk & Storm Sewer- May 4, 2017	
Northern Enterprises	\$294,496.00
Curran & Briggs Ltd.	\$297,100.00
Route 2 – Marshfield- May 4, 2017	
Chapman Bros. Construction Ltd.	\$275,655.00
Island Construction Ltd.	\$279,115.00
Grahams Pond Bridge – Structure Replacement – May 4, 2017	
Highfield Construction Ltd.	\$974,049.20
Noye & Noye Ltd.	\$1,265,865.50
2017 Bridge Timber Supply – May 30, 2017	
Goodfellow Inc.	\$1,648,358.71
2017 Precast Concrete Structure Supply – 3.05 M x 11.5 M - May 30, 2017	
Maritime Precast Products Ltd.	\$671,350.32
Atlantic Hy-Span Ltd.	\$689,760.00
The Shaw Group	\$768,960.00
Fortune Bridge - Structure Replacement- July 6, 2017	
Highfield Construction	\$1,477,712.00
Noye & Noye Ltd.	\$1,782,480.00
2017 Precast Concrete Structure Supply- 1524 mm x 2438mm – July 6, 2017	
Atlantic Hy-Span Ltd.	\$192,940.00
O'Leary Storm Sewer Ltd. – July 6, 2017	
Curran & Briggs Ltd.	\$308,700.00
Northern Enterprises Ltd.	\$332,563.80
Island Coastal Services Ltd.	\$365,656.80
Stewart Enterprises Ltd.	\$401,690.80

Route 1A – Albany 2017 – July 6, 2017	
M & M Resources	\$190,220.55
Trans Canada Highway Extension - Cornwall Phase IIB- July 6, 2017	
Island Coastal Services Ltd.	\$4,086,220.00
Chapman Bros. Construction Ltd.	\$5,115,450.00
Route 7- Milton Station/North Milton- August 3, 2017	
Island Construction Ltd.	\$99, 148.80
Chapman Bros. Construction Ltd.	\$102,991.80
Route 119- New Dominion & Route 248 Cornwall – August 3, 2017	
Island Construction Ltd.	\$159,747.00
Chapman Bros. Construction Ltd.	\$170,767.00
Route 16- Basin Head- August 3, 2017	
Island Construction Ltd.	\$123,320.89
Chapman Bros. Construction Ltd.	\$125,940.04
Route 18- Murray Harbour – August 3, 2017	
Island Construction Ltd.	\$69,453.54
Chapman Bros. Construction Ltd.	\$74,511.94
Route 5- Mount Albion & Route 24 Grandview – August 3, 2017	
Island Construction Ltd.	\$135,614.58
Chapman Bros. Construction Ltd.	\$146,349.58
Bideford Bridge Replacement – August 17, 2017	
Noye & Noye Ltd.	\$210,339.00
Gillis Welding & Machine Shop Ltd.	\$241,481.17
Hillsborough Bridge- Structural Steel Strengthening – August 31, 2017	
Island Steel Ltd.	\$248,500.00
Canadyne	\$292,000.00
Route 2- Souris Causeway – December 17, 2017	
Chapman Bros. Construction Ltd.	\$52,200.00
G & P Trucking	\$168,000.00
Route 2- Wellington Centre- February 22, 2018	
Curran & Briggs Ltd.	\$253,044.00
Chapman Bros. Construction Ltd.	\$257,578.00
Route 124- Urbainville – February 22, 2018	
Curran & Briggs Ltd.	\$173,961.80
Chapman Bros. Construction Ltd.	\$175,119.20
Route 2- Travellers Rest- February 22, 2018	
Curran & Briggs Ltd.	\$160,359.40
Chapman Bros. Construction Ltd.	\$185,214.00
Route 2- Hazel Grove- February 22, 2018	
Curran & Briggs Ltd.	\$439,458.60
Island Construction Ltd.	\$443,250.20
Chapman Bros. Construction Ltd.	\$443,850.80

Route 1- Flat River – February 22, 2018	
Island Construction Ltd.	\$292,970.56
Chapman Bros. Construction Ltd.	\$297,270.00
Route 1- Charlottetown – February 22, 2018	
Chapman Bros. Construction Ltd.	\$280,450.80
Island Construction Ltd.	\$281,300.80
Route 5- Baldwin's Road– February 22, 2018	
Island Construction Ltd.	\$189,610.50
Chapman Bros. Construction Ltd.	\$193,616.50
Cornwall Road Overpass- TCH Extension Project– February 22, 2018	
Highfield Construction	\$1,455,616.00
Noye & Noye Ltd.	\$1,598,169.95
Dunbar Construction Ltd.	\$1,763,447.25
Balodis Inc.	\$2,197,174.90
Clyde River Bridge Crossing- February 22, 2018	
Noye & Noye Ltd.	\$7,031,664.10
Highfield Construction Ltd.	\$7,562,536.00
Dunbar Construction Ltd.	\$8,151,849.00
Dexter Construction Company Ltd.	\$8,670,315.00
Woodville Mills- Bridge Replacement- February 22, 2018	
Gaudette's Transit Mix	\$286,478.83
Highfield Construction Ltd.	\$299,349.00
Noye & Noye Ltd.	\$300,903.00
2018 Precast Concrete Structure Supply- 15.2 M Frame –February 22, 2018	
Atlantic Hyspan	\$664,560.00
The Shaw Group	\$699,426.00
Route 6, 7 & 251- Oyster Bed Bridge Roundabout- March 28, 2018	
Curran & Briggs Ltd.	\$968,838.00
Island Coastal Services Ltd.	\$1,109,618.00
Island Construction Ltd.	\$1,131,242.90
Chapman Bros. Construction Ltd.	\$1,199,217.40
Route 12- Grand River – March 28, 2018	
Curran & Briggs Ltd.	\$105,890.00
Chapman Bros. Construction Ltd.	\$109,194.00
Route 13- Hunter River – March 28, 2018	
Curran & Briggs Ltd.	\$406,354.00
Birt & MacKay Backhoeing Ltd.	\$450,526.30
Island Construction Ltd.	\$475,394.70
Island Coastal Services Inc.	\$493,907.80
Route 19- New Dominion- March 28, 2018	
Chapman Bros. Construction Ltd.	\$93,993.20
Island Construction Ltd.	\$98,560.60
Route 163- East Bideford – March 28, 2018	
Curran & Briggs Ltd.	\$97,905.00
Chapman Bros. Construction Ltd.	\$99,119.00

Fraser Street North – Montague – March 28, 2018	
Birt & MacKay Backhoeing Ltd.	\$250,325.75
Island Construction Ltd.	\$252,868.72
Island Coastal Services Ltd.	\$297,079.00
Fraser Street South – Montague – March 28, 2018	
Birt & MacKay Backhoeing Ltd.	\$633,822.60
Island Construction Ltd.	\$647,521.70
Island Coastal Services Ltd.	\$744,821.00
Route 4- Commercial Cross – March 28, 2018	
Chapman Bros. Construction Ltd.	\$78,355.40
Island Construction Ltd.	\$83,797.29
Route 17 – Lower Montague – March 28, 2018	
Chapman Bros. Construction Ltd.	\$79,049.40
Island Construction Ltd.	\$85,023.11
Route 21- Mermaid – March 28, 2018	
Chapman Bros. Construction Ltd.	\$71,711.70
M & M Resources	\$75,453.70
Island Construction Ltd.	\$78,321.50
Route 16 – Kingsboro – March 28, 2018	
Chapman Bros. Construction Ltd.	\$77,722.70
Island Construction Ltd.	\$82,564.26
Lorne Valley Bridge/Hazelgreen Road Bridge- Structure Replacements – March 28, 2018	
Noye and Noye Limited	\$743,007.00
Highfield Construction Company Limited	\$777,526.00
Island Coastal Services Ltd.	\$891,996.00
Birt & MacKay Backhoe Services Ltd.	\$1,230,717.95
McCannel Road Bridge Replacement – March 28, 2018	
Island Coastal Services Ltd.	\$408,868.11
2018 Precast Concrete Structure Supply - 6.1M Arch- March 28, 2018	
The Shaw Group	\$578,943.00
Reinforced Earth Company Ltd.	\$659,160.76
Dock Road Bridge Replacement – March 28, 2018	
Noye and Noye Ltd.	\$221,243.20
Kildare Construction Ltd.	\$226,989.30
Stewart Enterprises Ltd.	\$242,215.47
Gillis Welding & Machine Shop Ltd.	\$266,765.63
Gaudette's Transit Mix	\$343,385.95
AJL Limited	\$352,379.00

Western Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 1 - Upton Road	0.80	0.00	0.00	0.00	0.00	0.00	0.80	0.00	0.00	0.00
Route 1A - Albany/Middleton	2.50	0.00	0.00	0.00	0.00	0.00	2.50	0.00	0.00	0.00
Route 2 - Bloomfield Corner Roundabout	1.13	1.13	1.13	0.00	1.13	1.13	1.13	1.13	0.00	1.13
Route 2 - Miscouche	2.80	0.30	0.30	0.00	2.80	0.30	2.80	0.30	0.00	0.30
Route 2 - Travellers Rest	1.74	0.00	0.00	0.00	0.00	0.00	1.74	0.00	0.00	0.00
Route 6 - Margate/Kensington	4.94	0.00	0.00	0.00	4.94	3.94	4.94	0.00	0.00	0.00
Route 7 - Milton Station/North Milton	1.30	0.00	0.00	0.00	0.00	0.00	1.30	0.00	0.00	0.00
Route 11 - Linkletter	1.85	0.00	0.00	0.00	1.85	0.00	1.85	0.00	0.00	0.00
Route 13 - Hunter River/Rennies Road	2.33	0.00	0.00	0.00	2.33	0.00	2.33	0.00	0.00	0.00
Route 13 - Kellys Cross	0.44	0.44	0.44	0.00	0.00	0.44	0.44	0.44	0.00	0.44
Route 19 - New Dominion/Rte 248 Cornwall	1.04	0.00	0.00	0.00	0.00	0.00	1.04	0.00	2.00	0.00
Route 124 - Abrams Village	1.23	0.00	0.00	0.00	1.23	0.00	1.23	0.00	0.00	0.00
Route 124 - Wellington	1.03	0.00	0.00	0.00	0.80	0.00	1.03	0.00	0.00	0.00
Route 142 - O'Leary	1.25	0.00	0.00	0.00	0.00	0.00	1.25	0.00	0.00	0.00
Route 150 - Alberton/Union	1.84	0.00	0.00	0.00	1.84	0.00	1.84	0.00	0.00	0.00
Route 152 - St. Edward	1.20	0.00	0.00	0.00	1.20	0.00	1.20	0.00	0.00	0.00
Route 153 - Tignish/St. Felix	1.51	0.00	0.00	0.00	0.80	0.00	1.51	0.00	0.00	0.00
Route 225 - Kinkora c/o	1.79	0.00	0.00	0.00	0.00	0.00	1.79	0.00	0.00	0.00
TCHE Phase 2A	2.96	2.16	2.16	0.00	2.16	2.16	2.96	2.16	0.00	2.16
TCHE Phase 2B	3.60	3.60	0.00	0.00	0.00	0.00	0.00	3.60	0.00	0.00
O'Leary Storm Sewer	0.70	0.00	0.00	0.00	0.00	0.00	0.70	0.00	0.00	0.00
Kelly Drive Storm Sewer	0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Western Region Totals	38.51	7.63	4.03	0.00	21.08	7.97	34.38	7.63	2.00	4.03

Eastern Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Route 2 – Dingwells Mills	1.10	0.00	0.00	0.00	1.10	0.00	1.10	0.00	0.00	0.00
Route 1 – Flat River	2.00	0.00	0.00	0.00	2.00	0.00	2.00	0.00	0.00	0.00
Irving Avenue - Stratford	0.14	0.14	0.14	0.00	0.00	0.14	0.14	0.00	0.00	0.14
Route 2 – Rollo Bay	0.67	0.67	0.67	0.00	0.67	0.67	0.67	0.00	0.00	0.67
Route 2 - Marshfield	0.54	0.00	0.00	0.00	0.54	0.54	0.54	0.00	0.00	0.54
Route 16 – Basin Head	1.70	0.00	0.00	0.00	0.00	0.00	1.70	0.00	0.00	0.00
Route 6 - Grand Tracadie	1.28	0.00	0.00	0.00	0.00	0.00	1.28	0.00	0.00	0.00
Route 18 – Murray Harbour	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 5 – Mount Albion	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 24 - Grandview	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	0.00	0.00
Route 210 – Queens Road (HIR)	2.00	0.00	0.00	0.00	0.00	0.00	2.00	0.00	0.00	0.00
Route 21 & 215 - Mount Herbert Roundabout	0.50	0.50	0.50	0.00	0.50	0.50	0.50	0.50	0.00	0.00
Eastern Region Totals	12.93	1.31	1.31	0.00	4.81	1.85	12.93	0.50	0.00	1.35

Eastern Region – Shoreline Protection

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Souris Beach Shoreline Protection	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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 207,870.26 tonnes of asphaltic concrete was produced in 2017. This included binder course, surface course, levelling course and maintenance mixes. A price adjusted, end result specification was applied to hot mix compaction on specified contracts.

Daily inspection was carried out at each of the seven plants to control the quality of the mix produced. A total of 513 asphalt mix samples was collected and analyzed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 405.21 tonnes of asphalt mix produced. A total of 288 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	555
Sieve Analysis Extractions	539
Specific Gravity	53
Soundness	13
Abrasion	8
Crush Count	8
Sand Equivalent	10
Flat & Elongated Particles	8
Uncompacted Voids Fine Agg Aggregate	7
Micro-Deval	17

In addition, 24 Marshall and Superpave mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, 39 Stripping Mixes were carried out to determine the extent of stripping from the various aggregate sources; included were stripping mixes done on plant samples taken from each contract.

Asphalt Cement

Asphalt cement specification compliance testing was performed on Performance Grade 58-28 and Polymer Modified 64-28 asphalt cement. A total of 11 samples were taken.

Type of Test	No. of Tests
Specific Gravity	11
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 347 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	347
Moisture-Density	29
Compaction Test	1476
Specific Gravity	12

Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Maintenance Division for ice control. The services included calibrations of sand blenders, on site monitoring and production sampling from both the blenders and from stockpiles. A total of 219 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 130 samples were obtained from sixteen different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition 14 atterberg limit tests, 5 hydrometer analysis and 17 organic indicator tests were also completed.

Concrete

Testing and inspection services were provided for the following Projects:

- TCH Extension – Phase 2 B
- Irving Avenue
- Kelly Drive Sidewalks and Storm Sewer
- Route 21 & 215 Mount Herbert
- Whitlock Pond – Ducks Unlimited
- Cairns Road Bridge – Structure Replacement

A total of 315 concrete test cylinders were tested for compressive strength. A total of 260 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 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 6, Margate Bridge (Q1-056)	Structure Replacement and asphalt
Rte 6, Margate Bridge (P4-014)	Structure Replacement and asphalt
Rte 177, St. Raphael Bridge (P3-024)	Structure Replacement and asphalt
Rte 110, Cairns Road Bridge (P4-044)	Structure Replacement and asphalt
Rte 6, Stanley Bridge Bridge (Q1-020)	Deck Rehab and asphalt
Rte 1, North River Bridge (Q2-044)	Active Transportation Lane, medium, and asphalt
Rte 17, Grahams Pond Bridge (K5-004)	Design, tender, structure replacement, and asphalt
Rte 310, Fortune Bridge (K1-001)	Design, tender, structure replacement, and asphalt
Rte 12, Bideford Bridge, (P2-017)	Geotechnical investigation, topo survey, design, tender, structure replacement, and asphalt
Rte 334, Woodville Mills Bridge (K5-017)	Design and tender
Rte 255, McCannel Rd Bridge (Q3-039)	Geotechnical investigation, topo survey, design, and tender
Rte 355, Lorne Valley Rd Bridge (K3-051)	Geotechnical investigation, topo survey, design, and tender
Rte 329, Hazelgreen Rd Bridge (K3-048)	Geotechnical investigation, topo survey, design, and tender
Rte 150, Dock Rd Bridge, (P1-034)	Topo survey, design, and tender
Rte 16, Little Harbour Bridge, (K1-033)	Geotechnical investigation, topo survey
Rte 137, Coleman Bridge (P1-010)	Geotechnical investigation, topo survey
Rte 320, Peakes Rd Bridge (K3-046)	Geotechnical investigation, topo survey

Rte 18, Murray Harbour Bridge (K4-013)	Topo survey
Rte 6, Bayview Bridge (Q1-002)	Cap Repair
Cornwall TCH 6 structures	

PRE-CAST STRUCTURE PURCHASE

The Department developed and issued a tender for the supply of:

1. 11.5M span precast concrete frame;
 2. 1.5M x 2.4M precast concrete boxes;
 3. 15.2M span precast concrete frame;
 4. 6.1M span precast concrete arch.
- all to be incorporated as part of future bridge replacements.

TIMBER MATERIAL PURCHASE

The Department procured timber elements to be incorporated as part of future bridge replacements.

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 inspection is based on the Ontario Structures Inspection Manual. All inspection teams were given an in-depth full two (2) week inspection course in November 2007, and again in September 2012. The data from each bridge inspection has been entered into our new Bridge Management Software. This software will allow 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.
- Administrative Staff
- 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 for at least 35 projects 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.

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

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

Project List:

Route Number	Area of Design Work Done
Route 1 - Trans Canada Highway	<ul style="list-style-type: none"> - Stratford Roundabout: Preliminary planning and design, assisting in request for proposals, working in liaison with the private sector design team on issued for tender design elements - Trans Canada Highway Extension Phase 2A - North River Roundabout: working in liaison with the private sector design team on issued for construction design drawings, design revisions, and assisting with and ensuring the delivery of construction layout information to TIE staff - Trans Canada Highway Extension Phase 2A - Cornwall to Clyde River: detailed design and issued for tender and construction drawings for main highway alignment along with additional work in liaison with several private sector design teams on design, design revisions, and assisting with and ensuring the delivery of construction layout information to TIE staff for several project locations
Route 2	- Bloomfield Roundabout: Design revisions and issued for construction drawings
Route 6	- Margate to Kensington: Curve radii and superelevation checks, and layout information for cold plane, level, and seal project
Route 7	- Oyster Bed Bridge Rural Roundabout: Preliminary planning, design, and issued for tender drawings
Route 13	<ul style="list-style-type: none"> - Kelly's Cross Vertical Realignment and Reconstruction: Design revisions during construction - Hunter River road widening and drainage: Preliminary planning, design, and issued for tender drawings
Route 21 and 215	- Mount Herbert Rural Roundabout: Design revisions and issued for construction drawings
Route 26	- Georgetown Road and Keppoch Road intersection realignment: Planning and preliminary design options
Route 109 and 111	- Newton Rural Roundabout: Preliminary planning, design, and issued for tender drawings
Route 124	- Abrams Village Storm Sewer: Preliminary planning, design, and issued for tender drawings

Route 142	- O'Leary Storm Sewer: Preliminary planning, design, and issued for tender drawings
Route 152	- St Louis Ditch Infill and Storm Sewer: complete design and issued for tender drawings
Miscellaneous	<ul style="list-style-type: none"> - Miscouche, Kelly Drive Storm Sewer Final Phase: Preliminary planning, design, and issued for tender and issued for construction drawings - Royalty Centre, Sport PEI Parking Lot Reconstruction and Storm Sewer: Preliminary planning, design, and issued for tender drawings - Montague, Fraser Street Storm Sewer: Preliminary planning, design, and issued for tender drawings - Grand Tracadie, Beach Road - Ditch drainage - Stratford, Irving Avenue New Road Construction: Design revisions and issued for construction drawings - Queen's County Highway Depo - Parking lot grade checks - 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 2016 construction projects - Pre-tender estimates for all design projects - Horizontal centerline geometry and paint line layouts for various cold plane, level, and seal projects

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. Theft of both private and public road signs continues to be a problem.

Tourism Directional Signs

Administration of Tourism Directional Signs was carried out by the Department of Economic Development and Tourism. Sign orders were passed on to the provincial sign shop in Tignish and after manufacture, were installed by the regional sign crews. There were 104 new signs manufactured for new clients and 24 signs that were damaged or faded were replaced. There were 38 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, 26 kilometres of new construction was pre-marked and painted. Shoulder lines and lane lines were applied to 445 kilometres of arterial highway. Edge lines were painted on approximately 16 km of arterial highway and 95 kilometres 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 in the region was improved in the region by installing LED fixtures, replacing high pressure sodium fixtures in Municipalities within the Province. New LED lighting was also installed at the new roundabout at Baldwin Road/48 Road.

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

Access Control

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

WESTERN REGION TRAFFIC OPERATIONS

Highway Signage

Two full time sign crews erected and maintained signage throughout the region, which includes directional signage, community signs, scenic route signs, street name signs, warning signs, 911 road name signs and regulatory signs. In addition, crews continued to erect and maintain detours for highway construction sites. The sign crews continue to erect and maintain the Tourism Directional Sign standards.

Highway Marking

The centerline marking was applied by the TIR striping truck and the shoulder lines were applied by the smaller TIR striping truck. Centerline marking was applied to approximately 800 km of existing highway, and 39 km of asphalt resurfacing, and 13 km of new construction. Shoulder lines or edge lines were painted on approximately 200 km of highway. Intersection marking was applied by the intersection marking crew based in Summerside. Permanent markings were applied to some major intersections as part of Capital upgrades. Raised pavement markings will continue to be installed to enhance the pavement markings on the Arterial Highways.

Highway Lighting

Highway lighting was carried out by Hansen Electric in the Western Region. Area lighting in the region was improved by installing LED fixtures. New LED Lighting was also installed at the new roundabout in Newton and improved intersections in New Annan and Travellers Rest (along Rte 2). Variable Message Boards, Flashing beacons and Lighted Barricades were used for detours in advance of some major highway construction projects.

Highway Access Control

Under the Roads Act, Highway Access Regulations, safe stopping sight distance assessments are completed for commercial operations, agriculture entrance-ways and new dwellings. The section is also responsible for collection of fees for entrance way installations.

PROVINCIAL SIGN SECTION

April 1, 2017 - March 31, 2018

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 four 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	57	36	103
Extruded signage	0	4	4
Public Road Names	115	49	68
Private Road Names	10	22	21
Regulation and Warning	1469	215	77
Route Assemblies	63	66	80
Community	21	6	27
Street Signage	6	0	0
HISS	46	38	37
Construction	279	0	0
Total	2,066	436	417

Un-invoiced Signage within Department:

Signs sent to Charlottetown Stock	3,017
Construction Signs sent to Charlottetown Stock	586
Specialty Signs within Department	183
Public Works door number tags	262
Public Works Name Plates	232
Public Works Other Signage	39
Project Boards	67
Guard Rail Markers	650
Sub-total	5,036

Invoiced Signage:

Other Departments	407
Public Works signs (and smaller vinyl stickers)	149
TIE Maintenance	140
Parks Canada	1,060
Rails To Trails	233
Rails Delineators	2,730
Municipalities	236
Construction	87
Other Companies	380
Sub-total	5,422

Total of Signage Produced:

Prince County	2,066
Queens County	436
Kings County	417
Un-invoiced signs	5,036
Invoiced signs	5,422
Total	13,377

MAPPING AND GEOGRAPHIC INFORMATION SYSTEM FOR TRANSPORTATION (GIS-T)

In the fiscal year of 2017/18, the Mapping and GIS-T section was involved in a number of on-going and new initiatives. There was one staff member assigned to work in this area during this reporting time.

On-going activities continue to be the annual update of the digital road centreline. Coordination with EMO is maintained in order to determine all new roads. Typically the alignments of these new roads are mapped with a sub-metre GPS.

Work continued in support of the department's highway pavement management system. Pavement roughness data for 2017 was formatted for incorporation into the system as well as 2016 highway paving projects, highway alignment changes and traffic count data.

Continued effort was made on asset inventories. Improvements were made to the Confederation Trail, bridge structure and guardrail asset inventories. New features were added and information was updated and re-formatted.

Effort continued to develop a cloud based map portal using *ArcGIS Online*. The department now has an organizational presence on the platform where a number of maps and associated data are hosted. Primary TIE maps such as construction tenders, winter maintenance, traffic counts, civic addresses and community/municipal boundaries are available to be accessed via standardized map viewing apps. These apps are also able to be used with smart devices which make them valuable assets while on location.

Trials were conducted this year using the application *Collector for ArcGIS*. This application would enable staff to use the GPS in a smart phone to collect location data of features and input/change their attribute data. The trials were successful and it is anticipated the collector app will be useful in mapping and maintaining roadway asset data.

Winter maintenance mapping continued to be an annual exercise. All operator routes are updated each season and online maps are now being used by plow dispatchers apps via desktops and mobile devices.

There has been considerable work accomplished within the department to map and inventory municipal waste water and drainage networks. The GIS-T section is not directly involved in this effort but is working as a support role.

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 special event logistical planning maps; presentation and proposal maps; 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
Atlantic Hy-Span	\$4,735	
Campbell's Concrete		\$14,953
Soleno		\$526,911

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

Pipe Diameter	Central Region	Western Region	Eastern Region
Corrugated Steel	(Metres)	(Metres)	(Metres)
300 mm	0	3	0
400 mm	0	3	6
500 mm	0	0	7
600 mm	46	0	0
800 mm	0	0	0
900 mm	0	0	0
1200 mm	0	0	0
Total	46	6	13
Polyethylene	(metres)	(metres)	(metres)
300 mm	0	9	6
375 mm	1,708	882	690
450 mm	2,103	1,838	625
525 mm	3,152	30	119
600 mm	468	810	314
750 mm	108	146	100
900 mm	64	34	18
1200 mm	83	82	0
1500 mm	0	0	0
Total	4,686	3,831	1,872

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

Type of Installation	Central Region (metres)	Western Region (metres)	Eastern Region (metres)
New Installations	2,232	846	540
Replacement	1,960	2,422	924
Extension	167	50	92
Cross Culvert	355	520	308
Confederation Trail	18	0	0
Water Problems	0	0	0
Relocate	0	0	21
Total	4,732	3,838	1,885

*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 entranceways. With the use of polyethylene pipe and the City of Charlottetown doing their own work, the availability of used pipe in acceptable condition for re-sale or reuse is becoming limited

Crack Filling

This is a process, whereby a hot rubberized asphaltic compound is used to fill random crack in the paved highway system in order to prevent water from entering into the substructure. In 2017/18 the Department sealed approximately 59,211 meters of cracks, using a total of 17,000 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
- Fork Lift Training
- Chain Saw Operation Certification
- Confined Space Training

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

EASTERN REGION: SUMMER MAINTENANCE – 2017

Hot mix asphalt for patching crews was available from mid May to the second week in October. A total of **17,883.83** tonnes was used by the branch for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operation and capital maintenance budget. Hand patching crews spread **2,612.46** tonnes. Private contractors supplied/placed **15,271.36** tonnes of asphalt over **17.37** kilometres.

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

Supplier	Tonnes
Island Construction	6,617.34
Chapman Brothers	11,266.48

Resurfacing

The following roads were re-surfaced by private contractors. Chapman Brothers and Island Construction, through supply and place contracts for a total of **17.37** kilometres:

Kings Zone K-1 – Chapman Brothers

Road Name	Kilometres
MacDonald Road	0.43
Bear River Road	0.78
Souris Line Road	0.67
Knights Avenue	0.25
Total Kms	2.13

Kings County K-2 – Chapman Brothers

Road Name	Kilometres
Forest Hill	0.33
Station Road (Cardigan)	1.40
Old Upper Montague Road	0.47
Rte. 311/Cardigan North	1.21
Southampton	1.56
Total Kms	4.97

Kings District 2 – Chapman Brothers

Road Name	Kilometres
Martinvale	1.70
Church Street	0.15
Total Kms	1.85

Kings District 7 – Island Construction

Road Name	Kilometres
Fanningbrooke	0.51
Peakes Road	0.50
Total Kms	1.01

Kings District 1 – Island Construction

Road Name	Kilometers
Fortune Road	1.29
Total Kms	1.29

Kings District 3 – Island Construction

Road Name	Kilometers
Wood Island Road	1.53
Valleyfield	1.40
Pembrook	0.30
Lower Montague	0.73
Brudenell Point Rd	0.54
Robertson Road	1.62
Total Kms	6.12

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 605 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 **1,790** kilometres.)

These kilometers reflect multiple trips over the 280 kilometres of seasonal roads and **142.5** 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)
12,770	9,076	98

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

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

Guardrail and Roadside Maintenance

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

Grass Cutting

The Division cuts grass on approximately **1,500** kilometres of road in the Eastern Region. One private grass cutter, equipped with a rotary mower, maintains **162.09** kilometres of roadside grass. This contractor was contracted to cut grass from the middle of June until the end of September. In addition, three department owned farm tractors equipped with rotary mowers 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 **257** 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 **126,000** litres was used to treat approximately **91.3** kilometres of road.

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

Kings Zone K1 Eastern Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bear River Road				0.70			
Bothwell Beach Road			0.01				
Bull Creek N Road							0.25
Elmira railroad station Road							0.01
Fraser Road		0.30	0.40				0.20
Glen Road							0.40
Greenvale Road			0.01		0.01		
Hermanville Road			0.23				0.25
Johnston Road			0.01				
Middle Tarantum Road							0.30
Souris Line Road				0.60			
Fortune River Road				0.30			
Mill Road				0.05			
Elmira Road							0.10
Totals	0.00	0.30	0.66	1.65	0.01	0.00	1.42

Kings Zone K-2 Eastern Region – Maintenance Activities

Road Name	In kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Barr Road		0.03		0.30			
Bennett Road			0.03				
Brothers Road				0.90			
Byrnes Road							0.06
Cable Head West Road							0.03
Canavoy Road	0.03	0.70					
Church Road		0.02					
Clay Road	0.02						
Douglas Station Road		0.02					
Dundee Loop							0.65
Fanningbrooke Road				0.40			
Five Houses		0.02					
Goose River Road							0.10
Indian Bridge Road			0.04				
Klondike Road			0.50				
Lakeside Road							0.10
Lighthouse Road		0.02					
MacEwen Road		0.06					0.06
MacLaren Road		0.25	0.25		0.25		
Morell East Road							0.19
Myers Road		0.02					
New Road		0.02					
Old Lakeside Road							0.08
Peakes Road				0.40			
River Road		0.04					

Sandy Cape Road			0.80				
Settlement Road				0.23			
Shore Road			0.05				
St. Patricks Road				0.10			
St. Peters Harbour							0.83
Turret Bell Road		0.02	0.90				
Totals	0.05	1.22	2.57	2.33	0.25	0.00	2.10

Kings Zone K-3 Eastern Region – Maintenance Activities

Road Name	In Kilometers						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Annandale Wharf Road				0.20			
Bruce Point Road		0.40					
Campbell Road (Rte. 320)					0.07		
Forty-eight Road				0.40			
Launching Road (Rte. 311.02)					0.50		
Little River Road					0.20		
Lorne Valley Road							0.90
Primrose Road				0.35			
Queens Road					0.19		
Spry Point Road				0.22			
St. Georges Road		0.15	0.15				
St. Michael's Lane		0.10					
Walsh Road			0.30				
Cardigan Road							0.10
MacDonald Road (Little Pond)				0.40			
Old Upper Road				0.40			
Totals	0.00	0.65	0.45	2.47	0.46	0.00	1.00

Kings Zone K-4N Eastern Region – Maintenance Activities

	In Kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Brudenell Point Road				0.50			
Campbell Road							2.00
Compton Road		0.10	0.10		0.20		
Crescent Lane (Brudenell)							0.05
French Creek Road				0.10			
Lower Montague Road				0.60			
MacDonald Road							0.50
Queen's Road				1.00			
Robertson Road				0.50			
Roma Point Road				0.10			
Sturgeon Road (Rte. 017)				1.00			
Thornton Road							1.00
Valleyfield Road				1.40			
Whim Road				0.10			
Wood Island Road				1.50			
Totals	0.00	0.10	0.10	6.80	0.20	0.00	7.55

Kings Zone K-4S Eastern Region – Maintenance Activities

	In Kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Blue's Road	0.10						
Brooklyn Road							0.50
Bruce's Road		0.20					
Buell Road							1.00
Cahoons Wharf Road							0.50

Cambridge Road				0.50			
Cape Bear Road				1.00			
Commercial Road				5.00			
Compton Road		0.10	0.10				
County Line Road					0.30		2.50
Dover Road							0.50
Gladstone Road							2.00
Livingstone Road							2.00
MacFarlane Road			0.10				
Milltown Cross Road						0.50	
Munn's Road							2.00
Norman's Road				1.00			0.50
Pembroke Road				0.20			
Peter's Road(Alliston)					0.10		
Peter's Road							1.50
Pioneer Cemetery Road							0.50
Point Pleasant Road							1.50
Richard's Road							0.50
Spring Road					0.10		
St. Mary's Road		0.30		1.00			2.00
Sturgeon Road				2.00			
Total	0.10	0.60	0.20	10.70	0.50	0.00	18.00

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 **7,087.70** tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased **1,295** tonnes of salt to blend with its winter sand. The Region purchased **21,083.53** tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 100% imported sand (1.4" minus stone). This material was stored at seven (7)

sites throughout the Region. Approximately, **400** tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2017/2018 season.

Ice Control

Ice control on sections of Highway 2, 3, 4 and 16, as well as Souris and Montague main streets, including **148.90** kilometres of road, were maintained by direct salt application. Services also included pre-wetting on Routes 2, 3 and 4 as warranted by road conditions.

Sanding Operations

Approximately **1,041** kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by **five** sanding contractors using department installed hoppers and spreaders. Winter sanding contractors completed the **third** year of their four-year contract. In addition, **six** department trucks were utilized to provide services to various locations throughout the Country.

Snow Fence Report

The Department installed approximately **4,472** meters of snow fence adjacent to department plowed snow routes to control drifting in open areas.

Contracted Services

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

Contractor	Kms.Plowed
Chapman Brothers	167.40
G &P Trucking	101.90
Kenny MacLeod	100.00
Kings County Construction Ltd.	125.90
Total	495.20

The Department was responsible for plowing, sanding and salting 652.60 kilometres of highway. To this end, 21 plow routes. Below, is the breakdown of the kilometers for which the Department was responsible for plowing, sanding and salting.

Eastern Region

Location	Kms	Graders	Blowers	Loaders	Truck
South Lake	23.80	X			
Bayfield	27.70	X			
St. Charles	34.90				4 x4
Morell	36.80				4 x4
48 Road	28.00				Tandem combination
St. Teresas	28.50				4 x4
Bridgetown	28.90				Tandem combination
Georgetown	32.40				Tandem combination
Annandale	36.70				4 x4
Cardigan	31.00				Tandem combination
St. Georges	35.30				Tandem combination
Montague	8.20				Single combination
Whim Road	37.10				Tandem combination
Murray River	41.90				Tandem combination
Morell East	31.20				Tandem combination
Guernse Cove	33.70	X			
Hopefield	43.40				4 x4
Gaspereaux	39.80				Tandem combination
Souris (includes streets salted)	28.00				Tandem combination
Cardigan (includes areas sanded)	34.60				Tandem combination
Murray River (streets)	10.70			X	
Total	652.60	3		1	

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

CENTRAL REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the first week in June to the second week in October. A total of 25,008.57 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 3,625.71 tonnes. Private contractors supplied/placed 21,382.86 tonnes of asphalt over 28.25kms.

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

SUPPLIERS	TONNES
Curran & Briggs Ltd.	1,706.73
Chapman Bros.	4,711.38
Island Construction	18,793.75
M & M Construction	4,252.38
Total	29,464.24

The following roads were resurfaced by private contractors through supply and place contracts:

Queens Zone Q-1

Road Name	Kilometres
Selkirk Road	1.03
McInnis Point Road (Center Road)	0.51
County Line Road (off Rte # 3)	0.35
Monaghan Road	0.76
Monaghan Road (Village Green Road)	1.20
Total Kms	3.85

Queens Zone Q-2

Road Name	Kilometres
Frenchfort Road	0.99
Keppoch Road (Skye Lane to Pickton Beete Court)	0.70
Woodland Drive	0.30
48 Road	1.00
Keppoch Road(Pownal to Teahill Park)	0.82
Wren Drive	0.58
Rosemount Blvd	0.19
Cityview Drive	1.05
Donagh Road-Recycled asphalt	1.00
Total	6.63

Queen s Zone Q-3

Road Name	Kilometres
Simpsons Mill Road	0.40
MacCallum Road	0.62
West Covehead Road	1.79
Tanton Road	0.16
Grand Tracadie Road	0.41
Donaldston Road	0.66
Macmillan Point Road	2.03
Union Road	2.64
Total Kms	8.71

Queens Zone Q-4

Road Name	Kilometres
South Melville	0.91
Crooked Creek Road	1.00
County Line Road (Emerald)	1.05
Bonshaw	0.55
Woodlands Blvd.	0.68
Karla Court & Area	0.16
Nine Mile Creek-recycled asphalt	1.03
Total Kms	5.38

Queens Zone Q- 5

Road Name	Kilometres
Grahams Road	0.91
Coulson Road	0.78
Buntain Road	0.83
Rattenbury Road	1.01
Toronto Road	0.54
Total Kms	4.07

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 eliminated 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 tuck 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 (m3)	Gravel (t)	Rock(t)
21,618	114,478	19,646	19,475	55

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

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

Guardrail and Roadside Maintenance

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

Grass Cutting

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

Shoulder Material

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

Dust Control

Maintenance crews used 85 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 275,718 litres was used to treat 96 kilometres of road.

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

Queens 1 – Central Region – Maintenance Activities

Road Name	In kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
48 Road				0.30			12.00
Angus J MacLean Road							4.00
Avondale Road		0.10		0.20			8.00

Cape Breton Road			0.10	0.10	0.10		
Center Road							3.00
Compton Road				0.20	0.20		
East Uigg Road		0.10	0.10				1.00
Gairlock Road							2.00
Gay Road				0.60			
Gillis Road							4.00
Greys Road	0.10						5.00
Horton Road				0.20			0.80
Iona Road				0.20			8.00
MacAulay's Wharf Road		0.10					
MacPhail Park Road		0.30					
Monaghan Road				0.10			8.00
Murray Harbour Road				0.30			12.00
New Cove Road	0.20						4.00
Orwell Cove Road				0.10			2.00
Point Prim		0.10					11.00
Pownal Road							4.00
Queens Road				0.20			3.00
Roseberry							5.00
Rte. #3, Alberly Plains					0.10		
Seal River Road			0.10		0.10		
Selkirk Road				2.00			15.00
Trans Canada Highway				3.00			
Village Green							2.00
Beech Hill Road	0.10				0.10		2.00

Dugan Road		0.80			0.80		2.00
Ryans Road							2.00
Gauls Road			0.30				1.00
Newton Road			0.20				4.00
Culloden Road	0.40						
Irving Road	0.20						
Total	1.00	1.50	0.80	7.50	1.40	0.00	124.80

Queens 2 – Central Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bethel Road					0.20		
Bunbury Road							1.00
Duffy Road			0.10				0.50
Higgins Road			0.10		0.10		
Keppoch Road				0.20			
MacEachern Road							2.00
McKeanna Road		0.20			0.25		
Mt. Herbert Road							0.50
Tally Road			0.10				5.00
Upper Teahill Crescent					0.10		0.10
Total	0.00	0.20	0.30	0.20	0.65	0.00	9.10

Queens 3 – Central Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Afton Road			0.20				2.00
Beach Road			0.35		0.50		0.75

Bedford Road				2.00			9.00
Blooming Point Road							7.00
Corrigan Road	0.20						2.50
Donaldston Road							5.00
Dougan Road							1.75
East Suffolk							2.00
Fort Augustus Road		0.10			0.75		4.00
Frenchfort Road			0.10	1.00			
French Village							3.00
Guerney Road							1.00
MacDonald Road			0.30				1.00
MacGilivary Road							0.75
Mill cove Road			0.15		0.25		
Old Cardigan Road			0.15				
Pleasant Grove Road				1.00			6.00
Pt. DesRoches Road					0.20		7.00
Portage Road							4.00
Queens Point Road							3.00
St. Peters Road							15.00
Watts Road			0.10				2.00
Friston Road							1.50
Suffolk Road					0.25		
Vickerson Road							1.50
Jenkins Road							2.00
Old Bedford Road			0.15				1.50
Total	0.20	0.10	1.50	4.00	1.95	0.00	83.25

Queens 4 Central Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Appin Road			0.05				
Bannockburn Road							8.00
Black Creek Road			2.00				
Bolger Park			0.05				
Clarkin Road							4.00
Collette Road			0.05				
Cottage Road		0.05					
Country View Drive	0.02						
Cumberlind Rte 19							8.00
Cumberland Line Road			0.08				
Darlington Road							5.00
Dock Road							3.00
Elliot River Road		1.00			0.05		
Hennebury Road	0.03		0.04				
Inkerman Road							10.00
Johnston Road			0.03				
Kinkora Road				2.00			
Lynwood Road			0.05				
MacDonald Road			0.02				
MacEachern Road East		1.00					
McKenna Road			0.05				
Mill Road Wiltshire							2.00
Meadowbank Road							6.00

Molyneaux Road							2.00
Monument Road					0.05		
Nelson Road							3.00
New Argyle Road							5.00
New Dominion, Rte # 19A							4.00
North York Point Road							3.00
Oyster Shack Road							3.00
Rice Point Road							6.00
Route 19, Rocky Point	0.01						
Ross Road			0.01				
Route 13							12.00
Shore Road							2.00
Wharf Road			0.03				
Wharf Road, York Point			0.02				
Wynn Road			0.02				
Total	.06	2.05	2.50	2.00	0.10	0.00	86.00

Queens 5 Central Region – Maintenance Activities

Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Adams Road N Granville		0.15					
Bagnall Road		0.20					1.00
Bertram Raod							0.20
Bonang Road		0.10					
Brander Pond							0.90
Broadway Road							0.20
Bumble Bee Road							0.80
Bungay Raod		0.20		0.10			

Campbellton Road							0.80
Cape Road, Rustico		1.00					2.00
Center Road		0.20					
English Church							2.00
Grahams Road							7.00
Harding Creek Road		0.20					
Hazelgrove Road							3.00
Hotdog Road							1.40
Irishtown Road				0.15			
Little Bungy							0.80
Marks Road							1.60
Mill road Rte 2							3.00
Millman Road		0.10			1.00		
Milvale Road				1.35			6.00
Mt. tom Road			0.10		0.20		1.40
New Glasgow Road				3.25			
New Road		0.20	0.20				0.60
North Road	0.10	0.20	0.30				0.80
Old Princetown Road							2.80
Pine Grove Road		0.10	0.25				1.60
Princetown Road E			0.40		0.80		
Rattenbury Road				0.10			
Route 13, Hopedale				0.25			11.00
Rte 20, Seaview				0.30			6.00
Rustico Road				1.45			9.00
Settlement Road			1.10		2.20		2.20
Smith Road							4.00

Snowie Road	0.10	0.20					
St. Andrews Road			1.00	2.00	2.00		1.00
St. Patricks Road							2.00
Taylor Road							4.00
Toronto Road	0.20				0.10		
Line Road				0.25			
Humphry Lane			0.15	0.75			
Rte 2				0.20			
Crooked Creek Road				0.20			
Rte 6 Rustico				1.55			
Parker Cross Road			0.35				
Portage Road						0.10	
RiverFront			0.70				
York Road						0.10	
Total	0.40	2.85	8.15	11.9	6.30	0.20	83.30

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 20,839.51 salt purchased for salt-only and 50/50 mix for ice control. The region purchased 0 tonnes of salt to blend with its winter sand. The blended winter sand consisted of a mixture of six percent salt, 30 percent imported, 1/4" minus stone and 70 percent local sand. This material was stored at seven sites throughout the Region..30,528.99t tones of blended winter sand was purchased for use in the Region.

Ice Control

Ice control on 185 kilometres of the main highways in the Region (a two-lane equivalent of 249 kilometres) was maintained by the direct application of road salt. Ten tandem and three single-axle trucks, equipped with automatic spreader gear were used for salt application. Department trucks were utilized to provide this service I the Charlottetown Perimeter Highway, City of Charlottetown, Cornwall land the Town of Stratford.

Sanding Operations

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

City of Charlottetown

The Department carried out snow and ice control on 25.52 kilometres of main streets in the City. The City of Charlottetown purchased 5,659.99 tonnes of salt and 351.27 tonnes of blended sand from the Department.

Snowfall Records

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

Location	Recorded (cm)
Charlottetown	191.8
New Glasgow	210.
Wood Island	135.5
St. Ann	223.5

Snow Fence Report

The Department installed approximately 11,500 feet of snow fence adjacent to department plowed snow routes to control drifting in open areas.

Contracted Services

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

Contractor	Kilometres Plowed
Island Coastal East	154.08
Birt & MacKay Ltd.	92.40
M & M Resources	97.51
Island Construction	133.50
Contractor	Kilometres Plowed
Maritime Construction	119.57
Matheson Construction	101.37
Matheson & MacMillan	85.86

Westlisle Construction	149.20
Total	933.49

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

Central Region

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West, Charlottetown to Crapaud	32.1				2
St. Peters Road, Charlottetown to Canavoy	31.3				1
TCH East Charlottetown – Eldon	35.4				1
TCH Eldon – Wood Islands & ½ of Selkirk Rd	436.0				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	12.1	1			
Murray Harbour, Kinross & Selkirk Road	39.5		1		1
Ebenezer, Mayfield and Rennies Road	29.8				1
Rustico	18.1			1	
Cornwall, York Point	17.2			1	
Rice Point & Rocky Point	34.3				1
Meadowbank, Ferry, York Point and Upton Road	30.9				1
Stratford Road & Bunbury	52.3	1			2
Murray Harbour, Kinross Road and Selkirk Road	19.3				1

Ft. Augustus Road to Pisquid	20.7				1
Hillsborough Bridge, Kinlock Road intersections and government buildings (salt)	8.0				1
Charlottetown Mains	29.4				2
Pownal, Crossroads, Stratford & Keppoch	32.5			1	2
Government building lots			1	2	
York Point Road to Pleasant Grove, Vessey Subdivision	11.7				1
Brackley Point, Portage and Union Road	24.4				1
Bedford Road, Easter, Black River & section of York Road	27.3				1
By-pass	16.2				1
Central Region (used where needed)			4		
Spares		3		2	3
Totals	1,113.20	6	6	7	31

WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the June to October. A total of 33,913 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 3796 tonnes. Private contractors supplied/placed 30,116 tonnes of asphalt over 41.83 kilometres.

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

SUPPLIER	TONNES
Chapman Bros	14,569.00
Curran & Briggs	19,343.00
Total	33,912.00

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 41.83 kilometres.

Prince Zone P -1

Road Name	Kilometres
Rte 112 Searltown	0.26
Rte 112 MacCallums Pt	1.20
Rte 112 Bedeque	0.72
Rte 10 Carelton	1.00
Rte 171 Dunk River	0.70
Rte 120 McMurdo Rd	0.52
Rte 115 Mt Tryon Rd	0.33
Rte 114 Maple Plains	0.33
Rte 113 Nodd Rd	0.23
Nineteen Rd	0.19
Branch Rd	0.18
Rte 108 N Freetown	0.12
Rte 11 Newton	0.20
Rte 119 Fernwood	0.10
Rte 233 County Line Rd	0.40
Rte 120 Wilmont Valley Rd	0.30
Total Kms	6.78

Prince Zone P - 2

Road Name	Kilometres
MacLellan/Easter Rd	0.96
Lower Darnely Rd	1.00
County Line Rd Irishtown	0.79
Rte 126 St. Gilbert	1.51
Rte 12 St. Nicholas	1.11
Kelly Dr. Miscouche	0.52
Rte 11 Cape Egmont	1.50
Rte 12 Belmont	1.00
Total Kms	8.39

Prince Zone P-3

Road Name	Kilometres
Rte 12 Grand River	0.82
Rte 12 MacDougall's Corner	0.68
Rte 127 Aldous Rd	0.92
Low Pt Rd	0.72
Coopers Lane	0.54
Rte 131 Sunny side Rd	2.09
Brooks Rd	0.64
Rte 132 Northam	1.00
Milligan's Wharf	0.85
Enman's Shore Rd	0.93
Beaton Rd	0.40
MacAllar Rd	0.41
Buchanan Rd	0.90
Conway Rd	0.54
Brae Harbour Rd	0.50
Hamilton Rd	0.60
Rte 147 Locke Rd	1.20
Rte 140 Boulter	0.83
Total Kms	14.57

Prince Zone P-4

Road Name	Kilometres
Rte 149 Piusville Rd	0.75
Rte 150 Dock Rd	2.06
Rte 136 Trout River	0.84
Rte 142 Kelly Rd	0.38
Rte 172 Fortune Cove Rd	1.37
Rte 160 Ascension Rd	1.40
Rte 14 Skinners' Pond	0.90
Sesame St Minimegash	0.40
Rte 182 Norway	0.30
Rte 153 Greenmount Rd	1.50
Rte 143 Howlan	1.30
Smallman Rd	0.90
Total Kms	12.10

Bush Cutting

During the season, three government and two private mechanical bush cutters cut bushes along the highway. Approximately 439.90 (2 passes) kilometers were cut. The Division also used a mechanical brush chipper and crew to eliminate the need to haul away the slash.

Road Maintenance

During the year, six graders in the county carried out grading services on the unpaved road network. This would include 298 kilometres of seasonal roads and 221 kilometres of year-round unpaved roads. In some cases, roads were also ditched and loaders and trucks were used to haul away unsuitable material. Sandstone, gravel and/or rock used to carry out the tasks of surfacing, repairing washouts, shoreline erosion, shoulder repair and material for drainage pipes was as follows:

Sandstone	Gravel	Gabion Rock	Other	Millings
14,431	17,036	187	0	6,140

Sandstone and/or gravel was placed as a new surface material, and new culverts, driveway or cross pipes were installed as required. This work was financed through regular maintenance and capital budgets. On the paved road network, a number of drainage problems were corrected. Equipment used to carry out this work included department or privately-owned ditching machines and trucks. New culverts were installed as required for new entrance ways and removal.

The amount of culvert material installed in the Western Region can be found under the section *Polyethylene and Corrugated Steel Drainage Pipes*.

Guardrail and Roadside Maintenance

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

Grass Cutting

The Department contracted five private grass cutters to maintain 838.8 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September (2 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 278,575 litres was used to treat 81.60 kilometres of road.

The accompanying tables give location and extent of work done in each Zone during the year.

Prince Zone P -1 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Freetown Rd				0.30			
Rte 1 A Albany				0.20			
Rte 225 Shamrock				0.30			
Rte 112 Bedeque				0.40			
Scales Pond Rd				0.20			
Rte 10 Carelton				0.80			
County Line Norboro				0.40			

Ninteen Rd				0.20			
Newton Rd				0.30			
Garden Drive				0.10			
Kelvin Grove Rd				0.30			
Middleton Rd	1.00	1.20					
Corbett Rd		0.60					
Richards Pt Rd		0.30					
Stewart Rd	0.40	0.40					
MacCallums Pt Rd			1.00				
Wright Rd			0.50				
Herds Pt Rd			0.20				
Searltown Rd				0.20			
Dunk River Rd				0.60			
Maple Plains Rd				0.30			
MacMurdo Rd				0.40			
Mt Tryon Rd				0.30			
Wilmont Valley Rd				0.30			
Nodd Rd				0.30			
Newton Rd				0.20			
Clark Rd				0.30			
Bedeque Rink Rd				0.10			
Gallagher Rd			0.15				
Connelly Wood Rd			0.15				
Duffy Rd			0.10				
Murphy Rd		0.25					
Greenan Rd	0.15						
Rte 10 Tyron				0.20			

Branch Rd				0.20			
North Freetown Rd				0.10			
Total	1.55	2.75	2.1	4.4	04.4		

Prince Zone P – 2 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Ives Pt Rd					0.20		
Old Town Rd					0.20		
John Paul Rd					0.30		
Hackmatack Rd					0.30		
Rte 177 Wellington					0.30		0.30
Rte 11 Union Corner Rd					0.20		
Rte 2 Miscouche					0.40		
Arsenault Saw Mill					0.30		0.30
Cannontown Rd					0.30		
Ellis River Rd					0.40		
Union Corner Rd					0.40		
MacIsaac Rd							0.30
Crafter Rd							0.30
Crowley Rd							0.30
Rte 6							0.40
Lyle Rd							0.80
Heckbert Rd		0.50					
Tuplin Mill Rd		0.30					
Bryanton Rd		0.20					
MacLellan Rd				0.50			

Rte 126 St. Gilbert				1.50			
Rte 12 St Nicholas				1.10			
Rte 11 Cape Egmont				1.50			
Total	0.0	1.0	0.0	4.6	3.3	0	2.7

Prince Zone P – 3 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Sunnyside Rd				1.00			
Buchanan				0.70			
Locke Rd				1.00			
Northam Rd				2.00			
Grand River Rte 12				1.00			
MacDougall's Corner				0.50			
Smallman Rd				0.75			
Mill Rd	0.10						
Camp Tamawaby			0.20		0.60		
Enmore Shore Rd			0.50				
Old Ferry Rd		0.50					
Tory Rd	0.10						
Buchanan Rd		0.10					
Mudd Rd			0.20				
Smallman Rd		0.30			0.50		
Ramsay Rd		0.50					
Strange Rd		0.20					
Stephen Rd		0.80					
Dystant Rd		0.40					
MacArthur Shore Rd		1.50			1.50		

Rink Rd		0.20					
Winston Barlow Rd		0.10					
Beaton Rd		0.50					
Hartz Gravel Rd		0.20					
Hebron Rd		0.20					
Kennedy Rd		0.30					
MacArthur Rd		0.40					
MacDougall Rd		0.20					
Marquis Rd		0.10					
Mickey Allen Rd		0.50					
Oatway Rd		0.80					
Percy Sharpe Rd		0.10					
Shaw Lane		0.50					
Southwest Rd		0.80					
Sullivan Rd		0.40					
McCaller Rd		0.10	0.10				
Paradise Ln		0.30					
Smallwood Rd		0.50					
Isaac Rd		0.10					
Locke Rd					1.00		
Total	0.20	10.6	1.0	6.95	3.60	0.00	0.00

Prince Zone P – 4 Western Region – Maintenance Activities

Road Name	In Kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Rte 153 Greenmount Rd				3.00			
Cemetary Rd	0.16						
Haywood Rd	0.40		0.40				

Martin Rd	0.10						
Centerline Rd	0.10						
Pitre Rd	0.20						
Old Western Rd		0.60					
Christopher Rd		0.30					
Nail Pond Shore Rd		0.40			0.87		
Deblois Rd		0.45			0.10		
Souwest Rd		1.10					
Greenmount Rd				1.50			
Smallman Rd		0.90		0.90			
Howlan Rd		1.30		1.30			
Murray Rd		0.25					
Rte 14 Campbellton					0.58		
Rte 12 Skinner's Pond					0.49		
Palmer Rd					0.39		
Coughlin Rd					0.24		
Rte 12 Seacow Pond					0.33		
Arsenault Rd					0.12		
Donahue Shore Rd					0.89	0.08	
Union Rd					0.18		
Rte 12 Kildare					0.40		
Waterford						0.12	
Elmsdale						0.23	
Total	0.96	5.3	0.4	6.7	4.59	0.43	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: 8897.50 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 2560.50 tonnes to blend with its winter sand. The 42,674.88 tonnes of blended sand purchased by the Region includes amounts for reserve piles. This blended material consisted of a mixture of six percent salt, 30 percent imported, ¼" minus stone and 70 percent local sand. This material was stored at nine sites throughout the Region.

Ice Control

Ice control on sections of Highway 1, 1A, 2 East, 2 West, 153 and sections of 142, 150, and 152, as well as Tignish, O'Leary and Alberton main streets, including 190.49 kilometres of road, were maintained by direct salt application.

Sanding Operations

Approximately 1,426.53 kilometres of secondary roads were maintained with blended winter sand/salt operations. Sanding operations were carried out by three sanding contractors using department installed hoppers and spreaders, nine snow contractors and 4 government sand trucks. Winter sanding contractors completed their one-year contract.

Snowfall Records

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

Location	Recorded (cm)
Alma	294.3
Albany	121.4

Snow Removal Contracted Services

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

Contractor	Kms Plowed
101364	98.80
AJL Ltd.	90.39
Clearview Construction	153.80
Curran & Briggs	197.59
Duffy Construction	156.47
Matthew's Lime Spreading	87.35
Northern Enterprises Ltd.	88.51
Island Coastal West	174.76
Tri-Mix	99.52
Total	1147.19

The Department was responsible for plowing 466.28 kilometres of highway. To this end, 17 plow routes were established. The following equipment was assigned and located as follows:

Western Region

Location	Kms	Graders	4x4	Blowers	Loaders	Trucks
Tignish	40.20					1
Cascumpeque/Alberton	34.65		1			
Bloomfield	29.34					1
O'Leary	23.43	1				
Tyne Valley	23.43		1			
Spring Valley	32.07					1

Albany Route 1	23.29					1
Kinkora	28.08					1
Albany/Route 10	34.23		1			
Summerside, Route 1A	21.51					1
Slemon Park	14.57				1	1
Wellington/Route 11	26.73					1
Summerside West	32.38					1
Summerside, Route 2 East	22.11					1
Freetown/Blue Shank	26.91	1				
O'Leary	25.02					1
St. Louis	25.84	1				
Summerside/Alma spare		3	0	6	2	2
Total	466.28	6	3	6	3	13

MECHANICAL BRANCH

Expenditures

Operating budgets for the Mechanical Branch and Fleet Operations during the year totalled \$17,257,000. The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	\$4,673,700
Charlottetown Garage Indirect	1,048,500
Bridgetown Garage Direct	2,158,300
Bridgetown Garage Indirect	315,800
Summerside Garage Direct	3,474,900
Summerside Garage Indirect	144,200
Western Region Operators	1,489,800
Central Region Operators	2,605,200
Eastern Region Operators	1,346,800
Total	\$17,257,200

Equipment

During the 2017-18 year, a total of \$1,800,000 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
6	Half Ton 4x4
2	Half Ton Ext Cab
7	Half Ton Reg Cab
3	Three Quarter Ton Truck
1	Electric Car
2	Compact Car
5	Passenger Van (mini)
1	SUV
6	Cargo Vans
1	Cube Van
3	One Ton Truck
2	Service Truck Cap
1	Sign Truck Box
1	Sign Truck Cab & Chassis
41	Total Vehicles Purchased

Heavy Fleet

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

Heavy Fleet Purchases	
Quantity	Equipment Purchased
1	Zero Turn Mower
1	85-100 HP Tractor
2	Wood Chipper
3	Used Grader
1	Stand Up Counterbalanced Lift Stacker
1	Telehandler
1	Forklift
1	Tire Changer/Wheel Balancer
1	Used Loader
1	Utility Trailer
1	Shop Press
10	Total

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.

2017/18 Fleet Age Indicators

Unit	Quantity	Optimum Life	Target Average Age	Actual Average Age	Percentage Half Age
Corporate Fleet	379	6	3	7	80%
Single Axle	9	10	5	13	100%
Tandem	49	10	5	13	26%
4 x 4	19	20	10	30	100%
Grader	26	20	10	25	80%
Loader	26	20	10	16	61%
Self Propelled Blower	5	25	12	34	100%
Loader Mount Blower	11	20	10	5	0%
Tractor Mount Blower	9	20	10	6	11%
Tractor	28	20	10	12.5	50%
Grade-all	1	20	10	17	100%
Rollers	24	20	10	8.5	25%
Sand Hopper	21	20	10	19	90%
Salt Spreader	10	15	10	3	0%
Trailer	62	20	10	15	75%
Crack Filling	2	10	5	6	50%
Skid steer	1	10	5	6	50%
Zero Turn Lawn Tractor	9	5	2.5	6	22%
Bush Cutter	12	10	5	14	0%
Shouldering Machine	1	20	10	8	0%
Paint Truck	2	10	5	12.5	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 – mainly 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. A recent review of the report utility used to draw information from the Fleet Management System has improved information consistency and accessibility for users. Work is continuing on the review of existing data and processes to address change in process and structure. The Fleet Management Systems updating to continue throughout the next year.

Financial Control:

The measures 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.

During the 2017/18 year government departments across the Province identified surplus parts and equipment no longer required to meet operational demands. Surplus parts and equipment were disposed of a public auction coordinated by Transportation, Infrastructure & Energy staff and held in the fall of 2017.

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 Mechanical Branch continues to consider training a priority and therefore provided training in a number of areas including:

- First Aid
- Bus Mechanic Training
- Dangerous Goods
- Operator Driver Testing
- Engine Diagnostics
- Forklift Operation
- Mechanic Apprenticeship Training/OJT
- Scissor Lift Training
- Welding Apprentice Training/OJT
- WHMIS
- Accident Investigation & Workplace Inspections
- Back Care
- Office Ergonomics
- Confined Space
- 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 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;
- creation of preliminary design options;
- department representation during the planning and implementation of infrastructure development projects on behalf of municipalities and community development groups;
- facilities planning;
- project management support and supervision for special projects relating to transportation planning; and
- support and planning with regard to the implementation and management of transportation research initiatives and new technologies which have the potential to contribute to enhanced economic development, and improved safety and efficiency on the province's transportation network.

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

- Policy and Planning Support Committee (PPSC)
- Aviation Standing Committee
- National Highway System Review Task Force
- Transportation and the Economy Task Force
- Automated and Connected Vehicles Task Force
- Transportation and the Environment Task Force
- Transportation Statistics and Policy Issues Working Group
- Atlantic Canada Airports Association
- Board of Examiners, Land Surveyors Association (Chair)
- Atlantic Provinces Transportation Forum
- 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 various projects, including the following:

National Highway System

Following the success of the Department's efforts to expand the National Highway System (NHS) in 2004 and 2005, work has continued on the F/P/T NHS Review Task Force to address the need for ongoing review of the NHS and development of an annual report card on NHS condition and performance nation-wide. On PEI, Routes 1, 1A, 2, and 3 comprise the NHS.

Atlantic Canada Transportation Strategy

At the direction of Atlantic Ministers of Transportation, a strategy document entitled "Charting the Course: Atlantic Canada Transportation Strategy 2008-2018" was created and released by Atlantic Ministers responsible for transportation in January 2008. The strategy identified a common vision for regional transportation, strategic regional multimodal infrastructure, challenges facing transportation in Atlantic Canada, and an action plan to address these challenges. Progress on identified issues is ongoing.

Transportation Infrastructure Needs

The assessment of road infrastructure needs is ongoing. Road infrastructure needs are monitored regularly and summarized often to quantify the need, enabling effective planning for infrastructure funding. The Province's National Highway System is the primary highway network in the Province; monitoring and addressing its infrastructure needs remains a priority. To this end, the Planning Section works with the Capital Projects Division to update the need assessment for this network as required, including road and bridge reconstruction and rehabilitation.

INFRASTRUCTURE SECRETARIAT

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

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

- Gas Tax Extension and Permanent Program (GT);
- New Building Canada Fund – Small Communities Fund (NBCF-CC);
- Clean Water Wastewater Fund (CWWF);
- Public Transit Infrastructure Fund (PTIF); and
- Municipal Capital Expenditures Grant (MCEG).

INFRASTRUCTURE PROGRAMS

Gas Tax Fund Permanent Program (2014-2024)

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

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

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

Total \$78.0 million

All projects undertaken with Gas Tax funding must fall within the 18 eligible project categories, which are:

Wastewater	Solid Waste	Community Energy Systems
Public Transit	Water	Active Transportation Infrastructure
Tourism	Cultural	Capacity Building

Recreation	Sports	Disaster Mitigation
Broadband Connectivity	Short Sea Shipping	Regional and Local Airports
Local Roads and Bridges	Highways	Brownfield Redevelopment

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

2014 – 2015	2015 – 2016	2016 – 2017	2017 - 2018	2018 - 2019
\$15,000,000.00	\$15,000,000.00	\$15,750,000.00	\$15,750,000.00	\$16,500,000.00

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

In order for the 26 water and/or sewer municipalities to receive their bi-annual funding installments, they needed to supply Capital Investment Plan(s) (CIP) to the Infrastructure Secretariat for review. In 2017/18 the Infrastructure Secretariat reviewed 102 CIPs totaling \$34.8M, of which municipalities directed \$29.6M of their Direct Allocation funds. The Direct Allocations to the municipalities released in 2017/18 was \$8.3 million.

Permanent Gas Tax (New Deals for Cities & Communities)			
APPL	GOV TYPE	PROJ TITLE	Federal Share 17-18
DIRECT ALLOCATIONS - Communities with Water and/or Sewer			
Charlottetown	City of	Direct Allocation	3,291,655
Summerside	City of	Direct Allocation	1,404,872
Stratford	Town of	Direct Allocation	816,580
Cornwall	Town of	Direct Allocation	491,624
Montague	Town of	Direct Allocation	180,478
Kensington	Town of	Direct Allocation	142,478
Souris	Town of	Direct Allocation	111,716
Alberton	Town of	Direct Allocation	108,096
O'Leary	Rural Municipality of	Direct Allocation	100,000
Borden-Carleton	Town of	Direct Allocation	100,000
Abrams Village	Rural Municipality of	Direct Allocation	100,000
Miscouche	Rural Municipality of	Direct Allocation	100,000
Tignish	Town of	Direct Allocation	100,000
Georgetown	Town of	Direct Allocation	100,000
North Rustico	Town of	Direct Allocation	100,000
Wellington	Rural Municipality of	Direct Allocation	100,000
Murray Harbour	Rural Municipality of	Direct Allocation	100,000
Crapaud	Rural Municipality of	Direct Allocation	100,000
Kinkora	Rural Municipality of	Direct Allocation	100,000
Hunter River	Rural Municipality of	Direct Allocation	100,000
Morell	Rural Municipality of	Direct Allocation	100,000
Resort Municipality,	Rural Municipality of	Direct Allocation	100,000
Mount Stewart	Rural Municipality of	Direct Allocation	100,000
St. Peter's Bay	Rural Municipality of	Direct Allocation	100,000
Tyne Valley	Rural Municipality of	Direct Allocation	100,000
Victoria	Rural Municipality of	Direct Allocation	100,000
Total			8,347,499

Notional Allocation (NA) to Remaining 47 Municipalities

Under the new Gas Tax Administrative Agreement it was negotiated that those municipalities that do not offer water and/or sewer would receive an application-based allocation. The expanded program categories now offer more opportunities to use Gas Tax funds. A carve off was made for these Notional Allocated municipalities. In 2017/18 the Infrastructure Secretariat reviewed 34 CIPs totaling \$1.72M, of which municipalities directed \$1.5M of their Notional Allocation funds. The Notional Allocations to the municipalities released in 2017/18 was \$506,195 dollars.

Permanent Gas Tax (New Deals for Cities & Communities)			
APPL	GOV TYPE	PROJ TITLE	Federal Share 17-18
Notional Allocation - All other Municipalities without Water and/or Sewer			
Afton	Rural Municipality of	Notional Allocation	30,706
Belfast	Rural Municipality of	Notional Allocation	41,134
Bonshaw	Rural Municipality of	Notional Allocation	5,478
Brackley (Brackley Winsloe)	Rural Municipality of	Notional Allocation	30,228
Brudenell	Rural Municipality of	Notional Allocation	35,518
Cardigan	Rural Municipality of	Notional Allocation	8,342
Clyde River	Rural Municipality of	Notional Allocation	14,474
Bedeque and Area	Rural Municipality of	Notional Allocation	7,790
Eastern Kings	Rural Municipality of	Notional Allocation	17,640
Ellerslie-Bideford	Rural Municipality of	Notional Allocation	8,970
Linkletter	Rural Municipality of	Notional Allocation	8,042
Lot 11 & Area	Rural Municipality of	Notional Allocation	15,956
Lower Montague	Rural Municipality of	Notional Allocation	16,710
Malpeque Bay	Rural Municipality of	Notional Allocation	25,856
Miltonvale Park	Rural Municipality of	Notional Allocation	28,972
North Shore	Rural Municipality of	Notional Allocation	27,942
New Haven Riverdale	Rural Municipality of	Notional Allocation	47,588
Greenmount Montrose	Rural Municipality of	Notional Allocation	6,484
Hazelbrook	Rural Municipality of	Notional Allocation	4,322
Meadowbank	Rural Municipality of	Notional Allocation	8,494
Murray River	Rural Municipality of	Notional Allocation	8,392
Sherbrooke	Rural Municipality of	Notional Allocation	2,161
Union Road	Rural Municipality of	Notional Allocation	5,906
Warren Grove	Rural Municipality of	Notional Allocation	9,222
Souris West (Town of Souris)	Rural Municipality of	Notional Allocation	10,026
West River	Rural Municipality of	Notional Allocation	72,706
York	Rural Municipality of	Notional Allocation	7,136
Total			506,195

Roads and Bridges (R&B)

Through the Gas Tax funding for the Roads and Bridges component, the Province will receive \$23.4 million over a five year period. The Gas Tax budget set aside \$4.75M for the Department of Transportation, Infrastructure and Energy (TIE) to use in FY 2017/18. All the projects are carried out by the department of TIE within municipal boundaries. The FY 2017/18 projects include Kinkora Rte 225 (carry over), York Rd Bridge replacement, Miscouche Ditch Infill, Wellington – Rte 124, Abrams Village – Rte 124, Valley Field Rte 210, Irving Avenue – Stratford, O'Leary – Rte 142, Dingwells Mills – Rte 2, Linkletter – Rte 11, Flat River – Rte 1, O'Leary Storm Sewer, Tignish Rte 163, Bideford Bridge Replacement, Grand Tracadie – Rte 6, Charlottetown Rte 1 (Upton Rd.), Mt. Pleasant Structure Replacement, St. Raphael Bridge Replacement – (Wellington); Hillsborough Bridge Structure, Bayview Bridge (Resort Municipality), Stanley Bridge (resort Municipality), Annandale Bridge (Annandale -Little Pond, Howe Bay), Bedeque Structure, Basin Head Bridge.

Municipal Strategic Component (MSC)

A new component was negotiated to direct Gas Tax funds toward projects that are strategic for municipalities and the Province. These projects are to address environmental, social and economic issues. This program is targeted at "making a transformative difference in the sustainability and future prosperity of Local Governments and Unincorporated Areas in Prince Edward Island". Over the five year period of the program \$10.62 million has been set aside. This amount includes a provincial allocation for administration funds.

In 2015/16 the Province's Gas Tax business case was approved by the Federal government totaling \$2.3M over the five year period. The remaining amount of \$8.33M is directed toward projects. The MSC has two intakes per year for project consideration based on the amounts of funds approved and found in the budget for that fiscal year's budget.

In 2017/18 the Project Review Committee under the MSC approved 3 projects with the total cost of projects being \$1.087 million of which \$543,661 is from the MSC program. The total amount of funding that was released in 2017/18 to a municipality was \$30,000.

Permanent Gas Tax (New Deals for Cities & Communities)			
APPL	GOV TYPE	PROJ TITLE	Federal Share 17-18
Municipal Strategic Component (MSC)			
Afton	Rural Municipality of	31.0 MSC- Afton Communities of West River Growth Management Study	30,000

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

The New Building Canada Fund – Small Communities Fund (NBCF-SCF) is one part of the New Building Canada Fund. Total funding of \$27.7 million was allocated to the Province. NBCF-SCF is an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province (for projects where it provides municipal services to non-incorporated communities).

There are thirteen categories eligible under the BCF-CC 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	

As of March 31, 2018 there were 13 approved projects valued at \$8.023 million. In the FY 2017/18 six projects made claims totaling \$1.33M as show in Table 1 below.

Table 1 – New Building Canada Fund – Small Communities Fund Actual Expenditures FY 2017/18

BUILDING CANADA-SMALL COMMUNITIES FUND (BCF-SCF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2017-2018
Charlottetown	Colonel Gray Sewershed Rehabilitation	2,697,750	391,524
Kensington	Kensington Storm Drainage System (project	1,401,555	(40,805)
Resort Municipality	Cavendish Lagoon Upgrades	488,421	11,593
Souris	Knight Avenue and Green Street Water & Sewer	440,298	293,533
Pat & the Elephant	Pat & the Elephant 2017 Para-Transit Van Purchase	90,000	51,293
Tignish Initiatives Corporation	Tignish District Heating Project	1,128,810	624,521
6 Projects	TOTAL	6,246,834	1,331,659

Clean Water Wastewater Fund (CWWF)

On July 28, 2017 the Federal and Provincial governments enter into a Bilateral Agreement which provided the Province with \$55.6M in federal funding. The program duration is for two years. All projects are to have construction completed by the end of March 31, 2018, unless granted an extension. CWWF was an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province. The program had three main categories: water, wastewater and storm water. In total, 47 projects have been approved, totaling \$88.4M in expenditures of which the federal government is contributing \$44.2M and the Province is contributing \$22.1M.

CLEAN WATER WASTEWATER (CWWF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2017/2018
Abrams Village	Bellue Vue Subdivision Clean Water Project Phase 4	273,120	121,836
Alberton	Stormwater Enhancement along Dufferin, Main, Prince William and Elder Streets	134,353	96,545
Alberton	Dock River Lift Station Replacement	220,724	55,803
Charlottetown	Queens Arms Storm Trunk Replacement	1,210,000	907,500
Charlottetown	CPCP Upgrades	12,650,000	70,977
Charlottetown	Fitzroy Sewer Lift Station Replacement	2,500,000	427,366
Charlottetown	East Royalty Lift Station	3,850,000	36,330
Charlottetown	East Royalty Gravity to CPCP Upgrade	4,400,000	16,913
Charlottetown	Parkdale Water and Sewer System Renewals	4,400,000	1,249,436
Charlottetown	Miltonvale Wellfield Reservoir	8,000,000	3,814,617
Charlottetown	Miltonvale Wellfield Mechanical/Electrical	2,800,000	657,958
Charlottetown	Miltonvale Wellfield Transmission and Distribution	5,249,750	1,793,131
Charlottetown	Winter River Wellfields Upgrade	1,760,000	196,148
Cornwall	Pond Street Lift Station	1,250,775	873,872
Cornwall	Cornwall Wellfield Exploration Study	409,000	11,846
Cornwall	Distribution System Upgrade	900,000	644,539
Cornwall	Meadowbank Wellfield Upgrade	272,500	67,080
Crapaud	Crapaud Sewer Utility 2017 - Rte 13 Upgrades	100,000	63,546
Georgetown	Georgetown Lagoon Upgrades Phase III	481,800	213,141
Kinkora	Kinkora Wastewater/Stormwater Project	1,338,774	959,878
Murray Harbour	Murray Harbour Sewer Main Extension	980,500	14,348
O'Leary	O'Leary Wastewater System Upgrades Phase I & II	1,339,200	603,631
Prince Edward Island	Fraser Street Stormwater System Upgrade	540,000	14,250
Slemmon Park	Hangar 8 Lift-Station Rehabilitation	538,175	187,159
Slemmon Park	Aerospace Sewer Replacement - 2017	322,648	165,168
Slemmon Park	Larchwood Sewer Replacement - 2017	305,304	200,166
Souris	Chapel and Pond Sanitary Sewer Replacement	263,952	168,613
Souris	High Street Sanitary Sewer Replacement	168,953	126,282
Stratford	Town of Stratford Wastewater Delivery System to the Charlottetown Pollution Control Plan	10,925,000	24,630
Stratford	Asset Management/Integrated Town Software	154,000	51,140
Stratford	Eastern Realities Phase I Watermain Extension	1,581,000	882,730
Stratford	Eastern Realities Phase II Watermain Extension	1,587,850	1,092,067
Stratford	Hopeton Road and Horton Park Subdivision Watermain Extension	635,500	399,529
Summerside	MacKenzie Drive Storm Sewer	539,000	404,250
Summerside	South Drive & Water Street Storm Structures	1,309,443	982,082
Summerside	King Street Storm	323,416	242,562
Summerside	Water Street Culvert Replacement and Creek Enhancement	1,269,392	884,674
Summerside	Lift Station SCADA	353,440	161,146
Summerside	SWPCC Biosolids System Upgrades	2,054,650	865,713
Summerside	Water/Sewer Replacement 2016	1,704,025	293,957
Summerside	Water/Sewer Replacement 2017	3,102,576	1,765,127
Summerside	Summerside Wellfield #2	2,648,373	876,007
Tignish	Tignish Sewage Treatment Plant Upgrades	1,482,266	1,111,700
Environmental Industrial Services Inc. (EISI)	Albany Wastewater Treatment Facility Upgrades	1,993,750	1,174,607
Totals		88,323,209	24,969,999

Public Transit Infrastructure Fund (PTIF)

On July 28, 2017 the Federal and Provincial governments enter into a Bilateral Agreement which provided the Province with \$660,000 in federal funding. The program duration is for two years. All projects are to have construction completed by the end of March 31, 2018, unless granted an extension.

PTIF was an application-based program open to local governments and the Province. The program had three main categories: capital projects for rehabilitation, asset management for transit, design and planning for future transit system and projects for expansion. In total, 2 projects have been approved, totaling \$1.3M in expenditures of which the federal government is contributing \$650,751 and the Province is contributing \$325,375. In 2017/18 the total amount claimed was \$254,617.

PUBLIC TRANSIT INFRASTRUCTURE FUND (PTIF)			
APPLICANT	PROJECT NAME	TOTAL COST	FY 2017-2018
Charlottetown, Cornwall and Stratford	T3 Transit Bus Upgrades Phase 2	448,328	254,617
Projects		TOTAL	448,328
			254,617

Municipal Capital Expenditures Grant (MCEG)

The Provincial 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 address municipalities direct cost with the implementation of the HST. The grant would be delivered by Transportation, Infrastructure and Energy. The program allows for municipalities to claim back 10% of its capital expenditures made in a Fiscal Year (FY) based on submission of several documents. The 2017/18 budget set aside \$2.5million.

Municipalities have been given a year in which to collect on the previous year's expenditures. The FY of 2017/18 has seen 17 municipalities receive grants up to \$1,284,153

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

MUNICIPALITY	MCEG AMOUNT 2017/18
ALBERTON	35,445.01
BEDEQUE and AREA	8,080.60
BRACKLEY	4,392.00
CORNWALL	111,503.62
GEORGETOWN	37,426.76
HUNTER RIVER	13,922.02
MALPEQUE BAY	2,883.10
MILTONVALE PARK	5,160.32
MISCOUCHE	29,326.06
MONTAGUE	1,086.13
MORELL	94,712.52
O'LEARY	78,964.48
STRATFORD	79,872.10
SUMMERSIDE	721,378.36
VICTORIA	39,293.19
MT. STEWART	12,416.26
MURRAY HARBOUR	8,291.40
TOTAL	1,284,153.93

ACCESS PEI

Access PEI's mission is to modernize government service delivery to meet the needs of today's Islanders. Access PEI puts Islanders at the heart of all their decisions.

Background

Access PEI provides Islanders an entry point into over 400 government services and programs. Access PEI locations welcome on average 180,000 Islanders annually to their 8 sites and process 340,000 transactions resulting in \$33,000,000 in revenue for the province. Access PEI also provides a vast amount of information to Islanders through hundreds of thousands of emails and phone calls each year. Access PEI service portfolio includes driver's license, vehicle registration, marriage licenses, property tax and many more.

Commitment to Modernizing Service Delivery

In the Premier's mandate letter to the Minister responsible for Access PEI, he asked the Minister and Access PEI to:

"Develop a strategy and work with other departments for a single point of entry for government services online and in person with strong consideration for services to be developed and provided through digital delivery, including a new service model;"

Access PEI will take a citizen first approach into the development of the new service model. Services should be available to Islanders when they want them and in the manner which they prefer to meet their busy lives. Access PEI will work with their business partners to develop efficient processes that can be used across multiple channels including digital, telephony and in person. The multi channel approach to service delivery will create a consistent service experience for Islanders. A digital identity will be developed for Islanders to build trust when consuming services in the digital world.

The passionate and empathetic workforce at Access PEI continually works to make our sites feel inclusive and accessible to all Islanders regardless of backgrounds. Access PEI prides themselves on being viewed as being collaborators and enablers to their business partners across government. Accountability and transparency are necessary values for Access PEI to strengthen partnerships in government and gaining trust of Islanders. A renewed focus on these values will ensure accurate and efficient service delivery to our citizens.



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



ENERGY & MINERALS

Reducing consumption through efficiency and conservation is the most cost effective approach to saving energy dollars and preserving the environment. On January 22, 2008 efficiencyPEI (formerly known as the Prince Edward Island Office of Energy Efficiency) officially opened its doors to provide Islanders with a one-stop venue for information about provincial and federal energy efficiency programs, services and other pertinent information.

Since opening in 2008, efficiencyPEI (formerly the Office of Energy Efficiency) has provided:

- Over to \$7 million in grants to over 8,000 residential clients;
- \$9.4 million in loans to 1,775 residential clients;
- A free weatherization service to 3,600 low-income homes;
- Over 500 businesses with programs and services to help reduce their energy consumption; and,
- Generated over \$50 million in building renovation expenditures.

efficiencyPEI launched its New Home Construction program in February of 2018. The program provides incentives of up to \$5000 to build new energy efficient homes. Pre-construction evaluations are completed and a list of potential upgrades are provided to the homeowner and the builder. Once construction is completed, a full energy evaluation is completed to determine the efficiency score of the home as built.

With the hiring of a Community Outreach Coordinator, efficiencyPEI has started to revamp its communications activities. Our Facebook page [facebook.com/efficiencypei](https://www.facebook.com/efficiencypei) has undergone a transformation and is now providing relevant and timely information to Islanders including information on current home heating costs and upcoming events.

In 2017/19, efficiencyPEI made changes to its programs to make it easier for Islanders to participate.

These changes include:

- The income limit on the HELP program increased to \$50,000 and added Smart Power Bars to eligible properties.
- The lifetime grant limit per property increased to \$5000 for regular income and \$10,000 for low-income.
- The grants for heat pumps were changed to a fixed amount of \$500 for the first unit and \$250 for the second unit per year.
- The low income grant was also be fixed at \$850 and \$25 for incomes between \$20k and \$35K and \$1,700 and \$850 for incomes below \$20k.
- Window and door grants increased from \$50 to \$75 per unit installed. Minimum standard remained at Energy Star Zone 3.
- Low-income clients have the option for efficiencyPEI rebates to be paid directly to their contractor.

CAPITAL EXPENDITURES C/A
Year Ending March 31, 2018

CAPITAL EXPENDITURES C/A
Year Ending March 31, 2018

BRIDGES C/A

Eastern Region

Fortune Bridge K1-001	1,791,742
Grahams Pond Bridge Replacement	1,144,363
Repairs to Basin Head Wharf	84,683
Little Harbour Bridge Replacement	58,453
Lorne Valley Road Bridge Replacement K3-051	15,500
Hazeltree Bridge Replacement K3-048	13,713
Bellvue Structure Rehabilitation Q4-001	118,337
Annandale Structure Rehabilitation K5-006	90,858

Total Eastern Region **3,317,648**

Central Region

York Bridge Q3-024	32,441
Stanley Bridge Bridge Deck Rehabilitation c/over	76,676
McCannel Road Bridge Replacement Q3-039	13,761
Stanchel Structure Rehabilitation Q1-018	128,114
Grahams Road Structure Rehabilitation Q1-023	124,736

Total Central Region **375,728**

Western Region

Margate Bridge Replacements P4-014 & Q1-056	545,776
Cairns Road Bridge Replacement	597,781
Route 14 - St. Lawrence Structure Rehabilitation P1-048	181,755
Emerald Structure Rehabilitation P4-015	89,228
Gunn's Bridge Structure Rehabilitation Q1-030	97,737
Hatchery Corner Bridge Structure Rehabilitation P4-046	121,115
Bedeque Structure Rehabilitation P4-047	95,634
Gordon's Creek Structure Rehabilitation P1-008	90,162
Seacow Pond Structure Rehabilitation P1-091	91,895
Brockton Structure Rehabilitation P1-032	81,243
Gully Bridge Dredging Project	21,228

Total Western Region **2,013,553**

TOTAL BRIDGES C/A **5,706,930**

HIGHWAY RECONSTRUCTION

Other

Land Purchases for Capital Projects for Western Region	2,379,076
Land Purchases for Capital Projects for Eastern Region	440,497
Route 1A Albany & Middleton 2017	261,667
Westpoint Hemlock Seawall	85,696
Route 21 & 215 - Mount Herbert 2017	1,177,047
Queens County Highway Depot Parking lot	1,234,878
Route 13 - Kelly's Cross 2017	386,063
Route 2 - Souris Causeway Shore Protection	139,507

Total Other **6,104,431**

TOTAL HIGHWAY RECONSTRUCTION **6,104,431**

PROVINCIAL PAVING

Eastern Region

Asphalt Supply & Place - Island Construction	606,648
Asphalt Supply & Place - Chapman Brothers	732,262
Gravel Various Roads	85,014
Fund Shouldering Operations	50,785

Total Eastern Region	1,474,709
Central Region	
Asphalt Supply & Place - Island Construction	1,581,376
Asphalt Supply & Place - Chapman Brothers	620,896
Asphalt Supply & Place - M & M Resources	301,614
Gravel Various Roads	183,537
Total Central Region	2,687,424
Western Region	
Asphalt Supply & Place - Curran & Briggs Ltd	1,647,164
Fund Shouldering Operations	99,762
Gravel Various Roads	107,470
Asphalt Supply & Place - Chapman Bros.	1,186,331
Total Western Region	3,040,728
TOTAL PROVINCIAL PAVING	7,202,860
COST SHARED PROJECTS	
Gas Tax Projects	
Route 225 - Kinkora c/over	241,683
Route 11 - Linkletter	313,774
Route 153 - Tignish/St. Felix	290,301
Route 2 - Dingwell Mills	332,238
Route 1 - Flat River	558,630
Route 142 - O'Leary	239,882
Route 124 - Wellington	258,339
Irving Avenue - Stratford	217,998
Route 6 - Grand Tracadie	191,587
Route 1 - Upton Road	167,213
Kelly Drive - Miscouche Sidewalk & Storm Sewer	216,234
Mount Pleasant Structure Replacement P2-043	219,551
O'Leary Storm Sewer 2017	361,155
St. Raphael Bridge Replacement P3-024	264,350
Route 210 - Queens Road c/over	156,923
Bideford Bridge Replacement	234,593
Hillsborough Bridge Structural Upgrades	281,480
Bayview Bridge Pier Repair Q1-002	246,920
Fraser Street (North) - Montague	270
Total Gas Tax Projects	4,793,119
New Build Canada Fund	
Fraser Street - Montague	19,000
Route 1 - TCH Mount Mellick c/over	180,433
Route 3 - Georgetown Royalty	138,016
Route 2 - New Annan Right Turning Lane c/over	911
Route 1A - Central Bedeque c/over	58,441
Cascumpec Bridge Replacement Project P1-015 c/over	30,931
Phase 1 - TCH Realignment Cornwall to Clyde River c/over	191,074
Phase 2A - TCH Realignment Cornwall to Clyde River c/over	5,173,404
Phase 2B - TCH Realignment Cornwall to Clyde River c/over	7,942,070
Route 2 - Rollo Bay	441,719
Route 2 - Miscouche	776,227
Route 2 - Travellers Rest	300,873
Route 13 - Hunter River/Rennies Road	432,457
Route 150 - Alberton/Union	390,769
Route 2 - Bloomfield Corner Roundabout	1,755,119
Route 152 - St. Edward	276,181
Route 6 - Margate/Kensington	1,342,178
Route 2 - Marshfield	305,197
Route 19 - New Dominion/ Route 248 - Cornwall	113,097
Route 7 - Milton Station/North Milton	143,703
Route 16 - Basin Head	123,974
Route 18 - Murray Harbour	83,062
Route 5 - Mt Albion & Route 24 - Grandview	156,936
Route 1 - Stratford	73,910
Route 124 - Abrams Village	234,729
Routes 6, 7 & 251 - Ouster Bed Bidge Roundabout	4,400

Total New Build Canada Fund	20,688,811		
TOTAL COST SHARED PROJECTS		25,481,930	
OTHER			
Highway Equipment	2,167,205		
TOTAL OTHER		2,167,205	
TOTAL HIGHWAYS CAPITAL			46,663,356
BUILDINGS CAPITAL			
BUILDING RENOVATIONS			
Government House - Interior Renovations & Parking Lot	78,556		
Tyne Valley Youth Centre - LED Lighting Upgrade	15,772		
Coles Building - Stairs	39,275		
Borden Scale House - Load Cell Repairs	167,923		
Kensington Potato Services - Oil Tank Replacement	52,179		
Kensington Post Office - Building Renovations	55,485		
Access PEI Montague - Underground Oil Tank Replacement	50,830		
Shaw Building - Partial Roof Replacement	263,413		
Sullivan Building - Freezer Replacement, Elevator Repairs	186,330		
TOTAL BUILDING RENOVATIONS		909,763	
NEW BUILDING CONSTRUCTION			
Queens County Highway Depot	2,328,396		
TOTAL NEW BUILDING CONSTRUCTION		2,328,396	
LAND PURCHASES			
Land Purchases	687,768		
TOTAL LAND PURCHASES		687,768	
TOTAL BUILDINGS - CAPITAL/TC			3,925,927
TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY			50,589,284

Department of Transportation, Infrastructure and Energy
Statement of Ordinary Expenditures
2017-2018 FY

	Actuals	Budget Estimates 17/18
CORPORATE SERVICES DIVISION		
Executive Office		
Administration	15,305	21,800
Equipment	1,442	-
Materials, Supplies & Services	2,560	500
Salaries	304,538	288,400
Travel & Training	15,454	12,800
	339,299	323,500
Corporate Services Administration		
Administration	16,525	19,900
Debt		
Equipment	2,420	500
Materials, Supplies & Services	8,970	11,400
Professional & Contract Services	1,440	900
Salaries	237,241	241,900
Travel & Training	5,151	2,000
Grants	1,021,027	875,000
	1,292,774	1,151,600
Planning		
Administration	4,634	6,200
Equipment	1,481	-
Professional & Contract Services	1,500	-
Salaries	45,576	173,800
Travel & Training	13,658	9,800
	66,849	189,800
TOTAL CORPORATE SERVICES DIVISION	1,698,922	1,664,900
Infrastructure		
Administration	35,265	58,700
Equipment	1,817	4,000
Materials, Supplies & Services	3,182	7,000
Professional & Contract Services	72,234	395,000
Salaries	415,396	499,400
Travel & Training	19,785	15,200
Grants	36,827,688	43,431,800
	37,375,367	44,411,100
TOTAL INFRASTRUCTURE	37,375,367	44,411,100
HIGHWAY SAFETY DIVISION		
Highway Safety Administration		
Administration	68,029	56,100
Debt	-	-
Equipment	17,549	900
Materials, Supplies & Services	26,950	8,500
Professional & Contract Services	26,157	32,500
Salaries	162,763	168,100
Travel & Training	33,007	43,700
	334,455	309,800

Promotion Highway Safety

Administration	158	2,000
Equipment	-	900
Materials, Supplies & Services	14,563	22,000
Professional & Contract Services	-	1,000
Salaries	636,103	753,400
Travel & Training	2,016	5,200
	652,840	784,500

Registration & Licensing

Administration	115	900
Equipment	5,845	4,000
Materials, Supplies & Services	449,625	211,400
Professional & Contract Services	250	-
Salaries	733,631	875,900
Travel & Training	-	700
	1,189,466	1,092,900

Highway Scales

Administration	81	-
Equipment	-	12,900
Materials, Supplies & Services	16,439	24,200
Salaries	626,606	635,000
Travel & Training	-	1,000
	643,126	673,100

TOTAL HIGHWAY SAFETY DIVISION

2,819,887	2,860,300
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Land & Environment**Environmental Management**

Administration	9,295	8,600
Equipment	460	2,200
Materials, Supplies & Services	11,973	7,800
Professional & Contract Services	811	19,500
Salaries	498,920	516,900
Travel & Training	65,332	66,600
	586,791	621,600

Properties

Administration	87,278	127,200
Debt	253	-
Equipment	-	2,000
Materials, Supplies & Services	418,396	232,400
Professional & Contract Services	17,605	34,500
Salaries	846,302	932,800
Travel & Training	11,589	27,600
	1,381,423	1,356,500

Surveys

Administration	6,615	9,000
Equipment	6,615	11,900
Materials, Supplies & Services	6,713	11,600
Professional & Contract Services	1,080	4,000
Salaries	493,231	555,300
Travel & Training	2,500	12,000
	516,754	603,800

TOTAL LAND & ENVIRONMENT

2,484,968	2,581,900
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HIGHWAY MAINTENANCE DIVISION**Maintenance Administration - Director's Office**

Administration	27,173	16,800
Equipment	525	-
Materials, Supplies & Services	2,274	1,000
Professional & Contract Services	30,546	66,000
Salaries	186,028	293,800
Travel & Training	16,974	11,900
Grants		
	263,520	389,500

Inventory Control

Administration	2,100	3,000
Debt	-	-
Equipment	-	-
Materials, Supplies & Services	537,780	612,800
Professional Services	-	-
Salaries	467,366	493,200
Travel & Training	8,402	6,000
	1,015,648	1,115,000

Prov Maintenance Road Program

Administration	-	-
Equipment	-	-
Materials, Supplies & Services	1,575,597	1,755,100
Professional & Contract Services	38,143	-
Travel & Training	388	-
	1,614,128	1,755,100

Maintenance Administration - Western Region

Administration	21,918	41,500
Equipment	890	600
Materials, Supplies & Services	4,137	2,600
Professional Services	9,523	-
Salaries	419,458	488,000
Travel & Training	1,360	2,500
	457,286	535,200

Maintenance Administration - Eastern Region

Administration	18,672	52,200
Equipment	525	400
Materials, Supplies & Services	1,901	700
Professional Services	65	-
Salaries	553,285	463,400
Travel & Training	625	3,200
	575,073	519,900

Maintenance Administration - Central Region

Administration	38,876	65,200
Equipment	3,947	-
Materials, Supplies & Services	4,084	600
Salaries	570,188	474,000
Travel & Training	2,849	800
	619,944	540,600

Summer Maintenance - Western Region

Administration	-	-
Equipment	11,833	6,500
Materials, Supplies & Services	1,457,327	1,359,300
Professional Services	75	-
Salaries	1,988,279	2,151,700
Travel & Training	51,029	63,400
	3,508,543	3,580,900

Summer Maintenance - Eastern Region

Administration	806	-
Equipment	6,577	-
Materials, Supplies & Services	1,115,834	1,084,000
Professional Services	-	-
Salaries	1,706,018	1,924,000
Travel & Training	29,348	40,100
	2,858,583	3,048,100

Summer Maintenance - Central Region

Administration	353	-
Equipment	7,731	-
Materials, Supplies & Services	2,679,450	1,583,900
Professional & Contract Services	10	-
Salaries	2,351,152	2,569,900
Travel & Training	84,910	75,000
	5,123,606	4,228,800

Rails to Trails Maintenance

Administration	2,368	3,400
Equipment	9,908	-
Materials, Supplies & Services	384,345	376,900
Professional & Contract Services	263	-
Salaries	851,278	916,800
Travel & Training	9,284	23,000
	1,257,446	1,320,100

Winter Maintenance - Western Region

Equipment	7,749	-
Materials, Supplies & Services	5,882,889	4,561,300
Professional & Contract Services	-	-
Salaries	291,396	362,500
Travel & Training	(242)	-
	6,181,792	4,923,800

Winter Maintenance - Eastern Region

Administration	69	-
Equipment	-	-
Materials, Supplies & Services	2,751,215	2,664,600
Salaries	281,715	349,500
Travel & Training	2,524	4,000
	3,035,523	3,018,100

Winter Maintenance - Central Region

Equipment	3,308	-
Materials, Supplies & Services	5,740,728	4,181,000
Salaries	356,144	394,700
Travel & Training	429	-
	6,100,609	4,575,700

Mechanical - Charlottetown Garage - Direct

Administration	2,431	26,900
Equipment	-	3,500
Materials, Supplies & Services	2,054,340	2,036,300
Professional & Contract Services	7,636	4,100
Salaries	1,955,157	2,470,000
Travel & Training	93,163	132,900
	4,112,727	4,673,700

Mechanical - Charlottetown Garage - Indirect

Administration	51,759	69,000
Equipment	11,224	12,400
Materials, Supplies & Services	289,018	314,700
Professional & Contract Services	40,881	38,400
Salaries	417,913	609,900
Travel & Training	37,490	4,100
	848,285	1,048,500

Mechanical - Summerside Garage - Direct

Administration	1,211	14,400
Equipment	2,355	5,500
Materials, Supplies & Services	1,816,112	1,305,800
Professional & Contract Services	755	8,000
Salaries	1,957,651	2,070,000
Travel & Training	138,492	71,200
	3,916,576	3,474,900

Mechanical - Summerside Garage - Indirect

Administration	12,164	24,800
Equipment	16,350	18,700
Materials, Supplies & Services	3,058	15,000
Professional & Contract Services	-	-
Salaries	73,144	80,300
Travel & Training	29,768	5,400
	134,484	144,200

Mechanical - Bridgetown Garage - Indirect

Administration	13,345	25,600
Equipment	168	2,100
Materials, Supplies & Services	79,654	57,700
Professional & Contract Services	845	12,900
Salaries	189,256	212,200
Travel & Training	567	5,300
	283,835	315,800

Mechanical - Bridgetown Garage - Direct

Administration	-	-
Equipment	6,646	7,000
Materials, Supplies & Services	1,048,517	842,100
Professional & Contract Services	1,003	3,200
Salaries	1,098,399	1,175,100
Travel & Training	87,263	130,900
	2,241,828	2,158,300

Mechanical - Operators - Western Region

Administration	-	1,500
Debt	(2,067)	-
Materials, Supplies, & Services	14,264	14,000
Professional & Contract Services	917	-
Salaries	1,690,061	1,455,600
Travel & Training	14,613	18,700
	1,717,788	1,489,800

Mechanical - Operators - Eastern Region

Administration	16	200
Debt	1,964	-
Materials, Supplies & Services	21,885	28,000
Professional & Contract Services	245	-
Salaries	1,090,972	1,296,800
Travel & Training	25,125	21,800
	1,140,207	1,346,800

Mechanical - Operators - Central Region

Administration	-	3,800
Materials, Supplies & Services	16,828	50,300
Professional & Contract Services	440	-
Salaries	1,936,740	2,505,200
Travel & Training	21,114	45,900

	1,975,122	2,605,200
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TOTAL HIGHWAY MAINTENANCE DIVISION

	48,982,553	46,808,000
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PUBLIC WORKS & PLANNING**Public Works Operations - Administration**

Administration	11,473	21,100
Equipment	15,013	3,000
Materials, Supplies & Services	32,630	124,700
Professional & Contract Services	-	-
Salaries	671,848	1,024,800
Travel & Training	21,768	33,500

	752,732	1,207,100
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District Heating Plant

Materials, Supplies & Services	1,585,023	1,723,600
Professional Services	2,813	-

	1,587,836	1,723,600
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Building Maintenance Direct - Mona Wilson Bldg.

Administration	11,519	10,800
Materials, Supplies & Services	26,546	45,200
Professional & Contract Services	931	-

	38,996	56,000
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Building Maintenance Direct - Shaw, Sullivan & Jones Bldgs.

Administration	481,970	481,000
Equipment	21,883	2,000
Materials, Supplies & Services	1,167,439	1,220,500
Professional & Contract Services	428,570	416,300
Salaries	1,167,893	1,188,700
Travel & Training	4,785	3,000

	3,272,540	3,311,500
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Building Maintenance Direct - Province House

Administration	22,180	21,300
Materials, Supplies & Services	2,482	103,200
Salaries	50,975	48,000
Travel & Training	354	-

	75,991	172,500
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Building Maintenance Direct - Province House Annex

Administration	8,118	8,300
Materials, Supplies & Services	31,590	48,900
Professional & Contract Services	-	-

	39,708	57,200
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Building Maintenance Direct - Government House

Administration	22,432	22,500
Equipment	342	-
Materials, Supplies & Services	101,578	104,300
Professional & Contract Services	486	-
Salaries	344,404	278,700
Travel & Training	785	1,500

	470,027	405,000
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Building Maintenance Direct - Customs House

Administration	9,090	9,300
Materials, Supplies & Services	33,963	51,200
Professional & Contract Services	514	-
	43,567	60,500

Building Maintenance Direct - Coles Bldg.

Administration	41,665	41,900
Equipment	-	-
Materials, Supplies & Services	84,780	65,200
Professional & Contract Services	922	-
Salaries	57,681	70,200
	185,048	177,300

Building Maintenance Direct - Prince County Jail & Courthouse

Administration	19,870	20,000
Materials, Supplies & Services	76,037	92,400
Professional & Contract Services	435	-
Salaries	40,865	49,500
	137,207	161,900

Building Maintenance Direct - Summerside Youth Centre

Administration	89,978	90,000
Materials, Supplies & Services	181,760	235,400
Professional & Contract Services	435	-
	272,173	325,400

Building Maintenance Direct - Provincial Correctional Centre

Administration	38,734	40,000
Materials, Supplies & Services	424,041	471,900
Professional & Contract Services	6,967	-
	469,742	511,900

Building Maintenance Direct - Montague Office Complex

Administration	-	7,300
Equipment	-	-
Materials, Supplies & Services	87,717	82,700
Professional & Contract Services	2,349	-
	90,066	90,000

Building Maintenance Direct - Southern Kings/Queens RSC

Administration	5,169	5,200
Equipment	-	-
Materials, Supplies & Services	83,298	79,200
Professional & Contract Services	382	-
	88,849	84,400

Building Maintenance Direct - West Prince RSC

Administration	6,761	8,000
Materials, Supplies & Services	59,916	58,900
Professional Services	4,532	-
	71,209	66,900

Building Maintenance Direct - Prince Edward Home

Materials, Supplies & Services	35,066	75,000
	35,066	75,000

Building Maintenance Direct - Access PEI S'side

Administration	47,823	50,000
Equipment	332	-
Materials, Supplies & Services	197,665	283,000
Professional & Contract Services	867	-
	246,687	333,000

Building Maintenance Direct - Highway Testing Lab

Materials, Supplies & Services	39,201	45,700
Salaries	20,960	33,900
	60,161	79,600

Building Maintenance Direct - Brighton Road Office Complex

Administration	461	700
Materials, Supplies & Services	34,377	39,700
Professional & Contract Services	426	-
Salaries	12,999	28,100
	48,263	68,500

Building Maintenance Direct - Holland College Royalty Operations

Administration	144,582	145,000
Materials, Supplies & Services	343,495	319,700
Professional & Contract Services	780	-
	488,857	464,700

Building Maintenance Direct - S'side Garage - Siemon Park

Administration	21,758	26,000
Debt	-	-
Materials, Supplies & Services	203,258	199,600
Professional Services	643	-
	225,659	225,600

Building Maintenance Direct - TIR Beach Grove Rd Warehouse

Materials, Supplies & Services	57	3,300
	57	3,300

Building Maintenance Direct - TIE Surplus Warehouse

Administration	61	-
Materials, Supplies & Services	18,618	19,500
Professional & Contract Services	346	-
	19,025	19,500

Building Maintenance Direct - Kings County Courthouse

Administration	3,541	3,600
Materials, Supplies & Services	34,549	25,900
Professional & Contract Services	261	-
	38,351	29,500

Building Maintenance Direct - Scale Houses

Administration	4,491	4,500
Materials, Supplies & Services	58,764	87,200
Professional & Contract Services	800	-
Salaries	5,176	5,500
	69,231	97,200

Building Maintenance Direct - Environment Warehouse

Materials, Supplies & Services	13,193	20,000
Professional & Contract Services	340	-
	13,533	20,000

Building Maintenance Direct - Acadian Museum

Administration	2,947	5,000
Materials, Supplies & Services	15,056	15,300
Professional & Contract Services	119	-
	18,122	20,300

Building Maintenance Direct - Basin Head Museum

Administration	887	1,000
Materials, Supplies & Services	19,808	17,500
Professional Services		
	20,695	18,500

Building Maintenance Direct - Orwell Historic Village

Administration	27	-
Materials, Supplies & Services	27,044	12,000
Salaries		
	27,071	12,000

Building Maintenance Direct - Yeo House

Materials, Supplies & Services	16,465	11,500
Professional & Contract Services	241	-
	16,706	11,500

Building Maintenance Direct - MacPhail Homestead

Administration	20	-
Materials, Supplies & Services	11,738	16,500
Professional & Contract Services	1,250	-
	13,008	16,500

Building Maintenance Direct - Belmont St Food Bank

Administration	-	3,500
Materials, Supplies & Services	16,730	30,000
	16,730	33,500

Building Maintenance Direct - Montague Food Bank

Materials, Supplies & Services	10,815	23,000
	10,815	23,000

Building Maintenance Direct - Tyne Valley Youth Centre

Administration	2,651	2,700
Materials, Supplies & Services	62,366	52,100
Professional & Contract Services	798	-
	65,815	54,800

Building Maintenance Direct - Lea Crane Building

Administration	6,334	6,400
Materials, Supplies & Services	31,014	36,100
Professional & Contract Services	337	-
Salaries	20,360	22,400
	58,045	64,900

Building Maintenance Direct - Potato Services Bldg - Kensington

Administration	4,072	4,100
Materials, Supplies & Services	45,806	39,500
Professional Services	321	-
	50,199	43,600

Building Maintenance Direct - Tignish Sign Shop

Administration	2,405	2,400
Materials, Supplies & Services	31,891	31,500
	34,296	33,900

Building Maintenance Direct - Tignish Body Shop

Administration	6,887	7,000
Materials, Supplies & Services	57,631	57,000
Professional & Contract Services	321	-
	64,839	64,000

Building Maintenance Direct - Alma Field Office

Materials, Supplies & Services	38,001	-
Professional & Contract Services	241	-
	38,242	-

Tyne Valley Medical Centre

Materials, Supplies & Services	35,004	31,000
Professional & Contract Services	1,786	-
	36,790	31,000

Building Maintenance Direct - Hunter River Office - Dr. Ellis

Materials, Supplies & Services	-	-
	-	-

Building Maintenance Direct - Brudenell Park

Administration	112,292	112,300
Materials, Supplies & Services	15,601	9,000
	127,893	121,300

Building Maintenance Direct - St. Eleanor's House

Materials, Supplies & Services	8,570	5,500
	8,570	5,500

Building Maintenance Direct - Rollo Bay School

Materials, Supplies & Services	-	-
Professional & Contract Services	-	-
	-	-

Building Maintenance Direct - Forestry Office - Queens

Administration	10,999	9,000
Materials, Supplies & Services	20,122	3,500
Professional & Contract Services	100	-
	31,221	12,500

Building Maintenance Direct - Forestry Office - Prince

Materials, Supplies & Services	17,294	21,100
Salaries	5,492	5,500
	22,786	26,600

Building Maintenance Direct - Forestry Office - Kings

Materials, Supplies & Services	22,047	30,500
Professional & Contract Services	400	-
	22,447	30,500

Building Maintenance Direct - VIC Cavendish

Administration	733	1,000
Materials, Supplies & Services	32,050	37,200
Salaries	16,293	25,000
	49,076	63,200

Building Maintenance Direct - VIC Mt. Pleasant

Materials, Supplies & Services	10,851	10,900
Professional Services	441	-
Salaries	6,407	10,600
	17,699	21,500

Building Maintenance Direct - Vet Clinic - O'Leary

Materials, Supplies & Services	24,503	1,000
	24,503	1,000

Building Maintenance Direct - Highway Depot - Bridgetown

Materials, Supplies & Services	-	-
	-	-

Building Maintenance Direct - Access PEI - Alberton

Administration	2,168	2,200
Materials, Supplies & Services	17,997	25,000
Professional Services	416	-
Salaries	4,896	-
	25,477	27,200

Building Maintenance Direct - Analytical Lab - Upton Road

Administration	9,348	9,500
Materials, Supplies & Services	268,478	208,000
Professional & Contract Services	1,858	-
	279,684	217,500

Building Maintenance Direct - Kensington Post Office

Administration	5,607	5,800
Materials, Supplies & Services	69,547	51,100
Professional & Contract Services	56	-
	75,210	56,900

Building Accommodations - Small Lease

Administration	1,701,720	1,768,600
Materials, Supplies & Services	53,981	65,800
Professional & Contract Services	1,003	-
	1,756,704	1,834,400

Building Accommodations - Evangeline RSC

Administration	58,470	66,100
Materials, Supplies & Services	3,543	5,600
Professional Services	321	-
	62,334	71,700

Building Accommodations - Johnny Ross Young RSC

Administration	249,116	251,300
Materials, Supplies & Services	3,862	7,000
Professional & Contract Services	586	-
	253,564	258,300

Building Accommodations - Queens Region Health Authority - Ellis Bros Bldg.

Administration	782,298	794,900
Materials, Supplies & Services	-	-
Professional & Contract Services	540	-
	782,838	794,900

Building Accommodations - Health Agency Younker, Roche Bldg.

Administration	605,308	604,400
Materials, Supplies & Services	3	400
	605,311	604,800

Building Accommodations - Prov Library Morell

Administration	202,145	201,100
Materials, Supplies & Services	323	-
	202,468	201,100

Building Accommodations - St. Paul's Rectory

Administration	28,634	25,000
Materials, Supplies & Services	18,535	24,200
Professional & Contract Services	132	-
	47,301	49,200

Building Accommodations - E. Blanchard (Gordon Drive)

Administration	104,887	135,000
Materials, Supplies & Services	30,710	21,800
Professional & Contract Services	1,061	-
	136,658	156,800

Building Accommodations - Concorde Building

Administration	151,000	155,100
Materials, Supplies & Services	-	-
	151,000	155,100

Building Accommodations - Davies Law Courts

Administration	390,569	755,700
Materials, Supplies & Services	217,955	208,600
Professional & Contract Services	220,821	205,000
	829,345	1,169,300

Building Accommodations - Highway Safety Office

Administration	195,627	201,300
Materials, Supplies & Services	351	5,000
	195,978	206,300

Building Accommodations - Fisheries Warehouse

Administration	44,781	46,200
Materials, Supplies & Services	18,825	25,600
Professional Services	70	-
	63,676	71,800

Building Accommodations - Kelly Bldg - Courthouse

Administration	182,748	370,000
Materials, Supplies & Services	-	17,600
	182,748	387,600

Building Accommodations - Breckan Yates Building

Administration	158,220	151,000
Materials, Supplies & Services	(275.00)	-
Professional & Contract Services	375	-
	158,320	151,000

Building Accommodations - SRDC 109 Water Street

Administration	144,396	180,000
	144,396	180,000

Building Accommodations - Confederation Centre & Libraries

Administration	178,000	178,000
	178,000	178,000

Building Accommodations - Gateway Village VIC

Administration	70,535	70,000
	70,535	70,000

Building Accommodations - Confederation Court Lease - EMO

Administration	33,133	36,000
	33,133	36,000

Building Accommodations - Donald Bondy Bldg.

Administration	346,741	351,200
Materials, Supplies & Services	28,380	30,000
Professional Services	321	-
	375,442	381,200

Building Accommodations - Hunter River Health Centre

Administration	84,000	84,000
	84,000	84,000

Building Accommodations - Summerside Medical Centre

Administration	227,140	228,500
	227,140	228,500

Building Accommodations - Polyclinic

Administration	287,283	291,100
	287,283	291,100

Building Accommodations - Pharmtech-Friendly Pharmacy

Administration	153,279	157,900
Materials, Supplies, & Services		
	153,279	157,900

Building Accommodations - Dept. of Fisheries-Montague

Administration	271,107	278,500
Materials, Supplies & Services	49	2,000
Professional & Contract Services	834	-
	271,990	280,500

Building Accommodations - Dept. of Education - Summerside

Administration	836,353	834,900
Equipment	1,114	-
Materials, Supplies & Services	45,821	47,000
Professional & Contract Services	1,008	-
	884,296	881,900

Building Accommodations - VIC - Charlottetown Airport

Administration	23,000	15,700
Materials, Supplies & Services	4,036	7,300
	27,036	23,000

Building Accommodations - VIC - Wood Islands

Administration	36,966	37,000
Materials, Supplies & Services	950	900
Salaries	18,322	16,300
	56,238	54,200

Building Accommodations - Harbour Quay - Summerside

Administration	9,103	10,800
Materials, Supplies & Services	7,276	6,400
	16,379	17,200

Building Accommodations - Morrison Building

Administration	629	1,500
Materials, Supplies & Services	6,413	8,800
Professional & Contract Services	240	-
	7,282	10,300

Building Accommodations - Murchison House

Materials, Supplies & Services	11,935	7,000
	11,935	7,000

Building Accommodations - Kensington Laundry

Administration	72,909	60,900
Materials, Supplies & Services	9,075	22,000
	81,984	82,900

Building Accommodations - Fire Arms Office - Charlottetown

Administration	17,565	17,600
Materials, Supplies & Services	6,382	7,200
Professional & Contract Services	68	-
	24,015	24,800

Building Accommodations - 75 Fitzroy Street

Administration	41,475	41,500
	41,475	41,500

Building Accommodations - Records Centre Stemon Park

Administration	152,571	155,000
	152,571	155,000

Director's Office

Administration	7,040	12,000
Equipment	-	-
Materials, Supplies & Services	3,124,318	119,100
Professional & Contract Services	102,055	110,000
Salaries	220,702	265,600
Travel & Training	2,523	12,900
	3,456,638	519,600

Building Construction

Administration	3,712	200
Equipment	2,549	-
Materials, Supplies & Services	257	1,400
Salaries	317,729	353,400
Travel & Training	1,090	23,200
Grants	(99,915)	(100,000)
	225,422	278,200

Building Design

Administration	7,825	-
Equipment	2,859	-
Materials, Supplies & Services	3,069	-
Salaries	465,081	371,800
Travel & Training	33,910	9,900
Grants	(50,085)	(50,000)
	462,659	331,700

TOTAL PUBLIC WORKS & PLANNING

22,697,893	21,265,100
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CAPITAL PROJECTS DIVISION**TRAFFIC OPERATIONS****Traffic Operations Management**

Administration	3,940	6,100
Equipment	446	1,000
Materials, Supplies & Services	7,755	13,600
Professional & Contract Services	-	3,000
Salaries	288,078	315,200
Travel & Training	19,276	17,300
	319,495	356,200

Traffic Operations - Western Region

Administration	2,467	4,400
Debt	-	-
Equipment	3,300	1,300
Materials, Supplies & Services	221,734	238,700
Professional & Contract Services	-	2,200
Salaries	513,410	498,000
Travel & Training	17,392	8,700
	758,303	753,300

Traffic Operations - Central Region

Administration	9,003	14,400
Equipment	1,500	5,000
Materials, Supplies & Services	865,488	725,300
Professional & Contract Services	-	400
Salaries	934,221	1,064,800
Travel & Training	20,877	23,000
	1,831,089	1,832,900

Sign Shop

Administration	7,160	5,700
Materials, Supplies & Services	135,101	102,600
Professional & Contract Services	-	5,100
Salaries	231,746	209,100
Travel & Training	1,170	1,000
	375,177	323,500

Chief Engineer's Office

Administration	43,495	24,900
Equipment	31,070	800
Materials, Supplies & Services	12,574	500
Professional & Contract Services	65,154	43,400
Salaries	280,061	253,700
Travel & Training	31,439	9,800
	463,793	333,100

Eastern Region

Administration	10,469	21,300
Equipment	-	10,400
Materials, Supplies & Services	20,168	14,900
Professional & Contract Services	1,205	2,000
Salaries	747,656	894,500
Travel & Training	5,476	19,800
	784,974	962,900

Western Region

Administration	18,171	31,000
Equipment	262	16,700
Materials, Supplies & Services	31,866	21,800
Professional & Contract Services	1,088	500
Salaries	817,200	914,700
Travel & Training	13,716	22,900
	882,303	1,007,600

Engineering Services Operations

Administration	1,414	1,000
Equipment	923	900
Materials, Supplies & Services	146	600
Salaries	228,997	223,600
Travel & Training	9,624	6,400
	241,104	232,500

Highway Enhancement

Materials, Supplies & Services	-	-
Salaries	640,758	107,100
	640,758	107,100

Bridge Maintenance Operations

Administration	3,743	5,200
Materials, Supplies & Services	2,207,874	1,472,700
Professional & Contract Services	526,080	420,000
Salaries	539,099	517,500
Travel & Training	35,980	9,600
	3,312,776	2,425,000

Highway Design

Administration	10,617	9,000
Equipment	194	500
Materials, Supplies & Services	8,748	5,500
Professional & Contract Services	27,000	4,800
Salaries	482,990	605,100
Travel & Training	25,581	10,300
	555,130	635,200

Materials Testing Lab

Administration	18,506	13,900
Equipment	22,798	30,700
Materials, Supplies & Services	15,871	9,700
Professional & Contract Services	3,600	5,000
Salaries	1,061,313	1,280,900
Travel & Training	28,068	23,400
Grants	(500,089)	(500,000)
	650,067	863,600

TOTAL CAPITAL PROJECTS DIVISION

	10,814,969	9,832,900
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ACCESS PEI**Access Division Management**

Administration	4,379	7,500
Equipment	3,625	-
Materials, Supplies & Services	2,192	4,000
Salaries	132,064	166,400
Travel & Training	17,810	13,000
	<u>160,070</u>	<u>190,900</u>

Summerside Access PEI

Administration	12,884	17,000
Debt	6,695	5,500
Equipment	422	1,200
Materials, Supplies & Services	975	8,000
Professional & Contract Services	-	-
Salaries	529,169	499,500
Travel & Training	3,444	7,500
	<u>553,589</u>	<u>538,700</u>

Souris Access PEI

Administration	7,291	14,500
Equipment	1,530	-
Materials, Supplies & Services	4,101	3,500
Professional & Contract Services	-	-
Salaries	318,460	301,900
Travel & Training	4,455	5,200
	<u>335,837</u>	<u>325,100</u>

West Prince Access Centres

Administration	8,949	18,400
Debt	644	300
Equipment	766	1,300
Materials, Supplies & Services	1,016	6,000
Salaries	368,736	410,500
Travel & Training	6,490	10,900
	<u>386,601</u>	<u>447,400</u>

Montague Access PEI

Administration	7,443	13,800
Debt	600	-
Equipment	560	700
Materials, Supplies & Services	1,303	4,600
Salaries	289,205	279,700
Travel & Training	1,754	4,300
	<u>300,865</u>	<u>303,100</u>

Wellington Access PEI

Administration	2,691	7,500
Debt	168	200
Materials, Supplies & Services	344	4,000
Salaries	138,007	113,700
Travel & Training	672	800
	<u>141,882</u>	<u>126,200</u>

Riverside Dr. Access PEI

Administration	12,656	17,600
Equipment	459	1,800
Materials, Supplies & Services	2,972	5,500
Professional & Contract Services	-	100
Salaries	735,615	789,200
Travel & Training	467	6,200
	<u>752,169</u>	<u>820,400</u>

TOTAL ACCESS PEI

	<u>2,631,013</u>	<u>2,751,800</u>
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