



Department of Transportation Infrastructure & Energy



Annual Report

for the year ending March 31, 2016



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The Honourable Frank Lewis
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, 2015 to March 31, 2016.

Respectfully submitted,

A handwritten signature in cursive script, reading "Hon Paula Biggar".

Paula Biggar
Minister



The Honourable Paula Biggar
Minister
Department of Transportation, Infrastructure and Energy
Province of Prince Edward Island

Madam:

I am pleased to submit to you the Annual Report of the Department of Transportation, Infrastructure and Energy for the period April 1, 2015 to March 31, 2016.

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

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "John MacQuarrie".

John MacQuarrie
Deputy Minister

DEPARTMENT OF TRANSPORTATION,
INFRASTRUCTURE AND ENERGY

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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
John MacQuarrie
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

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

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

Darren Chaisson, Director
Stephen Szwarc, Assistant
Director
Mike Berrigan
Gordie Lund
Gerard Morrison
Wilf MacDonald
Clay Moase
Donnie Martin
Charles MacLaren
Leo Gill

POLICY & PLANNING

Paul Godfrey

INFRASTRUCTURE SECRETARIAT

Paul Godfrey, Acting Director

ACCESS PEI

Tim Garrity, Director

ENERGY & MINERALS

Kim Horrealt, Director

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
French Language Services Coordinator

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 that *“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 Clerk positions being transferred to the Treasury Board Secretariat and Human Resource (HR) Managers, HR Officers, HR Assistants and payroll positions being transferred to the Public Service Commission.

Although services 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, 2016 follows at the end of the Annual Report.

Human Resources

Responsible for the provision of planning and administration related to the Department's classified and non-classified workforce, including:

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

Finance and Human Resources staff are located in Charlottetown, as well as regional facilities in Tignish, Alma, 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
- 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 any driver that fails a field sobriety test.

Motor Vehicle Impoundment

- 6-month vehicle impoundment issued when a person is operating or had care or control of a vehicle and are 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 two of the same offences in the last 10 years.

Ignition Interlock Program

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

- 1st offence - 1 year
- 2nd offence - BAC reading at the time of the offence 160 or below - 2 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 one 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 three years. It is an offence to operate a motor vehicle with any alcohol in your system when holding a Restricted Zero BAC Driver License.

3rd and subsequent offence - After completing five 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 five 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 one-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 9,000 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 2014-2015 figures displayed for comparison purposes.

Driver License Suspensions and Cancellations	2014-2015	2015-2016
Section 253 (1)(a) Criminal Code - (Impaired Driving)	23	25
Section 253 (1)(b) Criminal Code - (Failing the Breathalyzer)	216	190
Section 254(5) Criminal Code - (Refusal of the Breathalyzer)	15	22
Total Alcohol Related Convictions	254	237
Administrative Driving Prohibitions	270	280
7-Day Suspensions (S.277.1) HTA	109	86
30-Day Suspensions (S.277.1) (3.2) HTA	3	0
90-Day Suspensions (S.277.1) (3.5) HTA	0	0

Driver License Suspensions and Cancellations	2014-2015	2015-2016
Vehicle Impoundments	53	68
Demerit Point System (Point Accumulation)	313	320
Theft of a Motor Vehicle	20	24
Default in Payment of Fine(s)	1,439	2,559
Failure to Satisfy a Judgment - (Accident with an uninsured vehicle)	3	1
Reinstatement of driving privileges from suspension/cancellation	1,585	2,093
Revenue from Reinstatement Fees	\$158,925	\$174,252
Number of Warning Letters Issued - (Point Accumulation)	1,264	983
Number of Driving Record Interviews Issued - (Point Accumulation)	233	234

Drivers required to undergo a re-examination for various reasons (Requests from Law Enforcement, Medical Practitioners, Etc.)	2014-2015	2015-2016
Medical Referrals Issued	286	314
Medical Referrals Issued for Commercial Drivers	3,547	3,432
Vision Referrals Issued	87	93
Driving Re-Examination Conducted	611	594
Driving Record Interviews	177	122
Restricted Driver Licenses Issued	46	52
Requests for Abstracts of Driving Records from Insurance Companies and Individuals	33,170	32,503
Abstract Fee (\$25.00)	\$829,245	\$812,575

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
Year	First	Second	Third or More	Total Impaired Convictions
2015	67.0%	17.6%	15.4%	239
2014	62.7%	22.4%	14.9%	241
2013	56.9%	17.8%	25.3%	297
2012	57.8%	22.3%	19.9%	327

PERCENT OF REPEAT IMPAIRED DRIVING OFFENDERS				
Year	First	Second	Third or More	Total Impaired Convictions
2011	60.3 %	19.6 %	20.1 %	373
2010	63.4 %	18.9 %	17.7 %	424
2009	59.7 %	18.1 %	22.2 %	392
2008	57.8 %	23.3 %	18.9 %	365
2007	64.5 %	19.0 %	16.5 %	411
2006	56.2 %	24.1 %	19.7 %	345
2005	63.8 %	19.1 %	17.1 %	304
2004	65.8 %	15.2 %	19.0 %	301
2003	63.6 %	21.2 %	15.2 %	348
2002	56.1 %	23.9 %	20.0 %	394
2001	60.7 %	20.5 %	18.8 %	424
2000	59.1 %	22.8 %	18.1 %	430
1999	51.1 %	18.9 %	30.0 %	440
1998	45.9 %	21.0 %	33.1 %	455
1997	48.0 %	20.6 %	31.4 %	554
1996	45.8 %	21.8 %	32.4 %	513
1995	49.2 %	19.5 %	31.3 %	432
1994	46.3 %	20.6 %	33.1 %	438
1993	41.6 %	21.2 %	37.2 %	594
1992	47.0 %	18.0 %	35.0 %	557
1991	46.5 %	22.7 %	30.8 %	626
1990	45.8 %	21.8 %	32.4 %	654
1989	45.8 %	21.8 %	32.4 %	628

INFORMATION TECHNOLOGY

Highway Safety 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 lease holders along with use of land.

Travel Claims System (TCS):

Tracks travel claims by employee with the Department of Transportation, Infrastructure and Energy.

Pavement Management System (PMS):

Collects data on pavement conditions and road attributes.

Highway Lab Information Management System (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, 2015 to March 31, 2016, there were a total of 173 Prince Edward Island based carriers registering a total of 646 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 56 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, 2015 - March 31, 2016 is listed in the tables that follow:

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR CANADIAN JURISDICTIONS
APRIL 1, 2015 - MARCH 31, 2016**

PROVINCE	REG FEES	RST	HST	ADMIN FEES	AUDITS	TOTAL FEES
PE	\$405,006.00	\$560.00	\$28,187.84	\$37,420.00	\$384.40	\$471,558.24
NB	\$426,613.36	\$0.00	\$0.00	\$0.00	\$378.33	\$426,991.69
NS	\$203,127.10	\$0.00	\$0.00	\$0.00	\$165.47	\$203,292.57
NL	\$4,264.82	\$0.00	\$0.00	\$0.00	\$2.80	\$4,267.62
QC	\$132,383.80	\$0.00	\$0.00	\$0.00	\$0.00	\$132,383.80

PROVINCE	REG FEES	RST	HST	ADMIN FEES	AUDITS	TOTAL FEES
ON	\$109,505.00	\$0.00	\$0.00	\$0.00	\$0.00	\$109,505.00
MB	\$1,060.00	\$863.43	\$0.00	\$0.00	\$0.00	\$1,923.43
SK	\$1,439.00	\$703.65	\$0.00	\$0.00	\$0.00	\$2,142.65
AB	\$2,339.00	\$0.00	\$0.00	\$0.00	\$0.00	\$2,339.00
BC	\$417.73	\$425.33	\$0.00	\$0.00	\$0.00	\$843.06
TOTAL	\$1,286,155.81	\$2,552.41	\$28,187.84	\$37,420.00	\$931.00	\$1,355,247.06

****All Fees are in Canadian Dollars**

**DISTRIBUTION OF REVENUE COLLECTED FROM PEI BASED CARRIERS
FOR U. S. JURISDICTIONS
APRIL 1, 2015 - MARCH 31, 2016**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Alabama	\$31.48	\$0.00	\$0.00	\$31.48
Arizona	\$1,059.88	\$0.00	\$0.00	\$1,059.88
Arkansas	\$52.63	\$0.00	\$0.00	\$52.63
California	\$1,260.00	\$0.00	\$0.00	\$1,260.00
Colorado	\$215.25	\$0.00	\$102.15	\$317.40
Connecticut	\$9,685.51	\$0.00	\$0.00	\$9,685.51
Delaware	\$919.79	\$0.00	\$0.00	\$919.79
District of Columbia	\$7.14	\$0.00	\$0.00	\$7.14
Florida	\$1,328.58	\$0.00	\$0.00	\$1,328.58
Georgia	\$452.60	\$0.00	\$176.08	\$628.68
Idaho	\$101.51	\$0.00	\$0.00	\$101.51
Illinois	\$1,954.62	\$0.00	\$0.00	\$1,954.62
Indiana	\$650.70	\$0.00	\$266.90	\$917.60
Iowa	\$648.52	\$0.00	\$0.00	\$648.52
Kansas	\$32.93	\$0.00	\$7.41	\$40.34
Kentucky	\$177.61	\$0.00	\$59.74	\$237.35
Louisiana	\$9.13	\$0.00	\$0.00	\$9.13

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Maine	\$23,794.41	\$66.80	\$32,473.71	\$56,334.92
Maryland	\$2,155.74	\$0.00	\$0.00	\$2,155.74
Massachusetts	\$14,290.14	(\$54.40)	\$0.00	\$14,235.74
Michigan	\$2,253.11	\$0.00	\$0.00	\$2,253.11
Minnesota	\$183.61	\$0.00	\$0.00	\$183.61
Mississippi	\$26.98	\$0.00	\$16.57	\$43.55
Missouri	\$375.10	\$0.00	\$0.00	\$375.10
Montana	\$107.23	\$0.00	\$27.49	\$134.72
Nebraska	\$270.64	\$0.00	\$0.00	\$270.64
Nevada	\$112.00	\$0.00	\$85.96	\$197.96
New Hampshire	\$1,749.03	\$1.40	\$0.00	\$1,750.43
New Jersey	\$7,492.06	\$0.00	\$0.00	\$7,492.06
New Mexico	\$45.44	\$0.00	\$0.00	\$45.44
New York	\$11,203.24	\$0.00	\$2,775.93	\$13,979.17
North Carolina	\$1,479.43	\$0.00	\$0.00	\$1,479.43
North Dakota	\$91.23	\$0.00	\$0.00	\$91.23
Ohio	\$689.66	\$0.00	\$0.00	\$689.66
Oklahoma	\$229.32	\$0.00	\$0.00	\$229.32
Oregon	\$7.75	\$0.00	\$0.00	\$7.75
Pennsylvania	\$14,061.82	\$0.00	\$1,420.79	\$15,482.61
Rhode Island	\$162.74	(\$0.08)	\$0.00	\$162.66
South Carolina	\$656.90	\$0.00	\$0.00	\$656.90
South Dakota	\$25.54	\$0.00	\$0.00	\$25.54
Tennessee	\$184.58	\$0.00	\$0.00	\$184.58
Texas	\$162.98	\$0.00	\$0.00	\$162.98
Utah	\$118.01	\$0.00	\$97.12	\$215.13
Vermont	\$1,928.64	\$0.00	\$0.00	\$1,928.64
Virginia	\$2,359.26	\$0.00	\$0.00	\$2,359.26
Washington	\$210.57	\$0.00	\$1.68	\$212.25

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
West Virginia	\$342.89	\$0.00	\$217.97	\$560.86
Wisconsin	\$503.21	\$0.00	\$0.00	\$503.21
Wyoming	\$326.02	\$0.00	\$0.00	\$326.00
TOTAL	\$106,187.16	\$13.72	\$37,729.50	\$143,930.38

**DISTRIBUTION OF REVENUE COLLECTED BY CANADIAN JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2015 - MARCH 31, 2016**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX	TOTAL FEES
NB	\$211,360.00	\$337.92	\$0.00	\$211,697.92
NS	\$76,164.00	(\$1.05)	\$0.00	\$76,162.95
NL	\$13,197.00	\$0.00	\$0.00	\$13,197.00
QC	\$31,049.00	(\$27.42)	\$0.00	\$31,021.58
ON	\$18,125.00	\$10.29	\$0.00	\$18,135.29
MB	\$3,764.59	\$15.00	\$0.00	\$3,779.59
SK	\$150.00	\$0.00	\$0.00	\$150.00
AB	\$3,845.00	\$0.18	\$0.00	\$3,845.18
BC	\$892.00	\$0.00	\$0.00	\$892.00
TOTALS	\$358,546.59	\$334.92	\$0.00	\$358,881.51

****All Fees In Canadian Dollars**

**DISTRIBUTION OF REVENUE COLLECTED BY U.S. JURISDICTIONS
FOR PRINCE EDWARD ISLAND
APRIL 1, 2015 - MARCH 31, 2016**

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Alabama	\$21.09	\$0.00	\$0.00	\$21.09
Arizona	\$4,252.29	\$0.00	\$0.00	\$4,252.29
Arkansas	\$1,063.12	\$0.00	\$0.00	\$1,063.12
California	\$93,162.79	\$0.16	\$0.00	\$93,162.95

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Colorado	\$0.00	\$0.00	\$0.00	\$0.00
Connecticut	\$269.74	\$0.00	\$0.00	\$269.74
Delaware	\$644.00	\$0.00	\$0.00	\$644.00
District of Columbia	\$3.11	\$0.00	\$0.00	\$3.11
Florida	\$4,752.84	\$0.20	\$0.00	\$4,753.04
Georgia	\$1.62	\$0.00	\$0.00	\$1.62
Idaho	\$625.96	\$0.00	\$0.00	\$625.96
Illinois	\$2,019.64	\$8.78	\$0.00	\$2,028.42
Indiana	\$763.00	\$0.00	\$0.00	\$763.00
Iowa	\$6.00	\$0.00	\$0.00	\$6.00
Kansas	\$0.00	\$0.00	\$0.00	\$0.00
Kentucky	\$0.00	\$0.00	\$0.00	\$0.00
Louisiana	\$35.94	\$0.00	\$0.00	\$35.94
Maine	\$2,983.00	\$3.09	\$0.00	\$2,986.09
Maryland	\$2,788.00	\$0.00	\$0.00	\$2,788.00
Massachusetts	\$816.00	\$2.00	\$0.00	\$818.00
Michigan	\$22.00	\$0.00	\$0.00	\$22.00
Minnesota	\$18.00	\$0.00	\$0.00	\$18.00
Mississippi	\$95.00	\$0.00	\$0.00	\$95.00
Missouri	\$90.47	\$0.00	\$0.00	\$90.47
Montana	\$428.01	\$0.00	\$0.00	\$428.01
Nebraska	\$18.94	\$0.00	\$0.00	\$18.94
Nevada	\$470.00	(\$0.19)	\$0.00	\$469.81
New Hampshire	\$3,056.28	\$0.00	\$0.00	\$3,056.28
New Jersey	\$4,211.03	\$0.00	\$0.00	\$4,211.03
New Mexico	\$392.00	\$0.00	\$0.00	\$392.00
New York	\$2,191.21	\$0.19	\$0.00	\$2,191.40
North Carolina	\$79.24	\$0.00	\$0.00	\$79.24
North Dakota	\$5,010.42	\$0.00	\$0.00	\$5,010.42

JURISDICTION	REGISTRATION FEES	AUDITS	SALES TAX FEES	TOTAL FEES US DOLLARS
Ohio	\$1,175.23	\$1.31	\$0.00	\$1,176.54
Oklahoma	\$332.57	\$0.00	\$0.00	\$332.57
Oregon	\$48.67	\$0.00	\$0.00	\$48.67
Pennsylvania	\$29.29	\$0.00	\$0.00	\$29.29
Rhode Island	\$0.82	\$0.00	\$0.00	\$0.82
South Carolina	\$156.00	\$0.00	\$0.00	\$156.00
South Dakota	\$9.00	\$0.00	\$0.00	\$9.00
Tennessee	\$163.85	\$0.00	\$0.00	\$163.85
Texas	\$2.00	\$0.00	\$0.00	\$2.00
Utah	\$346.02	\$0.00	\$0.00	\$346.02
Vermont	\$658.53	\$0.00	\$0.00	\$658.53
Virginia	\$5,075.06	(\$4.73)	\$0.00	\$5,070.33
Washington	\$848.50	(\$3.02)	\$0.00	\$845.48
West Virginia	\$3.05	\$1.33	\$0.00	\$4.38
Wisconsin	\$69.13	\$0.00	\$0.00	\$69.13
Wyoming	\$218.00	\$0.00	\$0.00	\$218.00
TOTAL	\$139,426.46	\$9.12	\$0.00	\$139,435.58

**RECAP OF REVENUE
APRIL 1, 2015 - MARCH 31, 2016**

Distribution of Revenue Collected from Prince Edward Island Base Plated Carriers

Revenue Retained by Prince Edward Island \$471,558.24

Revenue Collected for Canadian Jurisdictions \$883,688.82

Total Canadian Revenue Collected from PEI Base Plated Carriers \$1,355,247.06

Total U. S. Revenue Collected from PEI Base Plated Carriers \$143,930.38

Distribution for Revenue Collected from Member Jurisdictions for Prince Edward Island

Revenue Collected for PEI by Canadian Jurisdictions \$358,881.51

Revenue Collected for PEI by U. S. Jurisdictions \$139,435.58

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	2014-2015	2015-2016
Cars	73,838	75,553
Trucks	25,027	25,534
Motorcycles	2,668	2,817
Buses	458	428
Trailer	14,957	15,319
Off-Road Vehicle	1,641	3,481
Miscellaneous - Other Vehicles	672	1,089
Total Registrations	119,261	124,221

Total Number of Drivers per Class

Class	2014-2015	2015-2016
CLASS 1 - Tractor Trailers	4,147	4,167
CLASS 2 - Bus for more than 24 passengers including School Bus	1,044	1,089
CLASS 3 - Trucks over 14,000 kgs	4,621	4,438
CLASS 4 - Ambulance, Bus, Taxi for less than 24 passengers	2,645	2,514
CLASS 5 - Car, light truck	91,210	92,146
CLASS 6 - Motorcycle	10,600	10,901
CLASS 7 - Beginner's Instruction Permit	2,900	3,011

Conservation Plates

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

The plates are available in French and English with five unique designs. 12,276 of these plates were sold in the first year. 6,945 were sold in 2014-2015 and 2,061 were sold in 2015-2016.

- Red Fox 936
- Blue Jay 381
- Canada Goose 265
- Brook Trout 304
- Lady Slipper 175

SAFETY SECTION

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

Countermeasures were planned and conducted on the premise that the driver is ultimately responsible for motor vehicle operation on the highway. The countermeasure strategy is to increase the driver's knowledge of highway laws and safe driving practices. These include utilizing the news media for promotional and information purposes, testing new drivers, having licensing control over newly licensed drivers and correction of unsafe practices among all drivers.

The Safety Section plans and co-ordinates the following programs:

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

The basic objective of driver testing is to establish and maintain acceptable standards for the issuance of driver licenses for all classes of vehicles in accordance with the provisions of the *Highway Traffic Act*, regulations, and department policies. A driver requires the necessary knowledge, skill, physical and mental ability to operate a motor vehicle in order to obtain a driver's license.

A Driver Examiner tests all drivers applying for an initial license at Highway Safety, as well as those applying for a higher class of license. Tests are passed by successfully completing a written examination of rules of the road, a vision screening and a behind-the-wheel road test.

Driver Testing Statistics

Knowledge Tests 2014-2015	Knowledge Tests 2015-2016	Road Tests 2014-2015	Road Tests 2015-2016
2,654	2,756	3,317	3,068

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 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	
2014-2015	871	2014-2015	879
2015-2016	852	2015-2016	614

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 40 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. 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, 70 drivers completed the 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 second and subsequent convictions of impaired driving.

Eligible drivers are issued a restricted driver's license once the interlock device is installed on the vehicle which allows only the operation of that vehicle. The device prevents the vehicle being started if alcohol above a preset level is detected in the driver's breath samples. All activity is recorded and monitored by Highway Safety Division via a built-in data logger. Failure to comply with operational requirements will result in the removal of the interlock device and reinstatement of the suspension period.

IGNITION INTERLOCK INSTALLATIONS

YEAR	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	440

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 615 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 three points which can be used as a credit in the Demerit Point System.

During the year, a total of 26 drivers successfully completed the Defensive Driver Course. Online Defensive Driving Course has been approved for demerit point credit and is offered at Island First Aid Services and JVI.

Collision and Reporting System (CARS)

During the year 2015, there were 1,529 collisions resulting in 988 injuries and 18 fatalities. The fatalities included 12 drivers of vehicles, two drivers of motorcycles, three passengers of vehicles and one pedestrian.

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
241	573	Passed	94,149	7,077	1,407	9,084	2,674
		Rejected	4,818	379	45	219	81
Type of Vehicle	# Defective Brakes	# Defective tire/wheels	# Defective suspension	# Defective steering	# Defective exhaust	# Defective body/frame	# Windshield & glazing
Light Vehicle	14,942	6,945	9,054	5,779	3,103	3,577	1,731
Commercial Vehicle	2,367	996	617	408	407	391	315

Commercial Vehicle Enforcement

Roadside Vehicle Checks - Highway Safety Peace Officers, in cooperation with police agencies, conducted 15 roadside vehicle check stops throughout the year. Items checked include driver's license, vehicle registration, inspection, insurance coverage, use of seat belts, window tint and infractions under the *Liquor Control Act*.

Inspection Facilities (Stationary Scales)

There is one weigh scale station in Prince Edward Island located at Borden-Carleton. The Borden-Carleton Scale is open 24 hours a day throughout the year and is staffed by five full-time officers, two full/part-time officers and one relief officer.

Commercial Vehicle Enforcement Officers are responsible for enforcement of the *Roads Act* and Vehicle Weight Regulations, *Highway Traffic Act* and Regulations, *Transportation of Dangerous Goods Act* and Regulations, *Plant Health Act* and the *Animal Health Act*. Commercial Vehicle Enforcement Officers assist with the scanning and data entry of the Motor Vehicle Inspection System (contributing to the storage of 90,000 information forms yearly).

Commercial Vehicle Enforcement Statistics**Truck Movement**

Activity	Location	Number
Canadian Trucks	Borden-Carleton Scales	171,972
	Wood Islands Scales	4076
U.S. Trucks	Borden-Carleton Scales	596
	Wood Islands Scales	0

Driver and Vehicle Checks

Activity	Location	Number
Driver's Documents	Borden-Carleton Scales	12,388
	Wood Islands Scales	729
Hours of Work (Driver's Log)	Borden-Carleton Scales	271
	Wood Islands Scales	0
Trip Inspections	Borden-Carleton Scales	271
	Wood Islands Scales	0
Dangerous Goods Inspections	Borden-Carleton Scales	38
	Wood Islands Scales	0

Miscellaneous Activities

Activity	Location	Number
Quick Check Stickers Issued	Borden-Carleton Scales	0
	Wood Islands Scales	0
Potato Disinfectant Slips Collected	Borden-Carleton Scales	6,828
	Wood Islands Scales	104
Vehicles Checked for Taxable Goods	Borden-Carleton Scales	25
	Wood Islands Scales	0
Forest Products	Borden-Carleton Scales	777

Activity	Location	Number
	Wood Islands Scales	566
Vehicles Quarantined <i>Plant Health Act</i>	Borden-Carleton Scales	1
	Wood Islands Scales	0
<i>Apiary Act</i>	Borden-Carleton Scales	10
	Wood Islands Scales	0
<i>Animal Health Act</i>	Borden-Carleton Scales	92
	Wood Islands Scales	0
<i>Fisheries Product Act</i>	Borden-Carleton Scales	1,875
	Wood Islands Scales	10

Permits Issued

Type	Location	Number	Revenue
In-Transit	Borden-Carleton Scales	68	\$680.00
	Wood Islands Scales	6	\$60.00
Oversize	Borden-Carleton Scales	918	\$114,000.00
	Wood Islands Scales	9	\$1,050.00
Overweight	Borden-Carleton Scales	186	\$19,590.00
	Wood Islands Scales	2	\$240.00
Trip	Borden-Carleton Scales	303	\$62,220.00
	Wood Islands Scales	10	\$1,530.00
Fuel	Borden-Carleton Scales	456	\$11,400.00
	Wood Islands Scales	13	\$325.00
Work	Borden-Carleton Scales	84	\$30,100.00
	Wood Islands Scales	0	\$0.00
Non-Compliance	Borden-Carleton Scales	262	\$52,400.00
	Wood Islands Scales	0	\$1,600.00
Disinfection Fees	Borden-Carleton Scales	469	\$5,348.00

Type	Location	Number	Revenue
	Wood Islands Scales	0	\$0.00
Other Front End Decals	Borden-Carleton Scales	34	\$680.00
	Wood Islands	1	\$20.00
Totals	Borden-Carleton Scales	2780	\$296,418.00
	Wood Islands Scales	49	\$4,825.00

Recorded Violations

Item	Location	Number	Revenue
Roads Act	Borden-Carleton Scales	52	\$11,190.00
	Wood Islands Scales	4	\$1,810.00
Highway Traffic Act	Borden-Carleton Scales	30	\$6,850.00
	Wood Islands Scales	3	\$525.00
Dangerous Goods Act	Borden-Carleton Scales	0	\$0.00
	Wood Islands Scales	0	\$0.00
Totals	Borden-Carleton Scales	82	\$18,040.00
	Wood Islands Scales	7	\$2,335.00

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	2014-2015	2015-2016
Total Number of Trucks & Truck Trailers Inspected	346	342
Power Units Out Of Service	27	26

Item	2014-2015	2015-2016
Tractor Trailers Out Of Service	18	23

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
390	\$115,728.00

Carrier Management

The National Safety Code Auditor completed 10 educational visits to carrier locations throughout the province. As well, there were 13 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 PEI. These audits are to ensure compliance with the regulations for holding a Dealer's Trade License.

PUBLIC WORKS AND PLANNING DIVISIONS

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 buildings owned or leased by the Department.

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

BUILDING DESIGN AND CONSTRUCTION

The Building Design and Construction Section is responsible for the design and preparation of tender documents required for the construction or renovation of various government and client buildings; as well as the supervision and inspection of construction work to ensure that contracts are completed in accordance with plans, specifications, and budget allocations.

The design work is either performed by staff or private consultants, engaged for a specific project. The design and planning work includes the following:

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

SCHEDULE OF CONSTRUCTION TENDERS RECEIVED (Building Design & Construction Section)

April 1, 2015 - March 31, 2016

Stonepark Intermediate School - Partial Roof Replacement - April 14, 2015

Ashe Roofing Ltd.	\$61,770.00
Atlantic Roofers Ltd.	\$63,907.00

Queen Elizabeth Elementary - Boiler System Replacement - April 14, 2015

Bevan Brothers Ltd.	\$234,600.00
Entire Mechanical Contractors	\$248,000.00
Ron's Plumbing & Heating Inc.	\$255,000.00
Precision Mechanical Inc.	\$273,600.00

Borden LCC - Interior Renovations - April 14, 2015

OMD Construction Ltd.	\$22,000.00
Paul Davis Systems PEI	\$24,600.00
Blackhawk Custom Builders	\$25,000.00
WM&M (1993) Ltd.	\$31,800.00

Charlottetown Rural Elevator Repair - April 24, 2015

Thyssenkrupp Elevator Ltd.	\$39,960.00
Otis Canada Inc.	\$40,682.62

Kensington Intermediate/Senior High School - Building Control Systems Upgrade - May 7, 2015

Controls & Equipment Ltd.	\$16,680.00
Memco Controls	\$19,753.00

Kensington Intermediate/Senior High School - Energy Recovery Wheel Replacement - May 7, 2015

Entire Mechanical Contractors	\$42,222.00
Poirier Heating & Cooling Inc.	\$45,546.00
Gavin Gill Inc.	\$46,400.00

École Francois Buote - IT Education Link - May 28, 2015

Olympia Electric Ltd.	\$26,476.00
Hansen Electric Ltd.	\$26,700.00
R. Cudmore Electric Ltd.	\$28,327.00
DBA Solar Electric Inc.	\$28,790.00

East Prince Waste Management Facility - Compost Building Roof Repairs - June 4, 2015

Wellington Construction Co. Ltd.	\$19,881.00
Sperra Construction Group Inc.	\$45,147.00
Fitzgerald & Snow (2010) Ltd.	\$49,800.00

Queens County Highway Depot - Phase 2 - June 9, 2015

WM&M (1993) Ltd.	\$1,165,000.00
Island Coastal Services Ltd.	\$1,206,310.69
Fitzgerald & Snow (2010) Ltd.	\$1,280,000.00
Brighton Construction Inc.	\$1,280,000.00
MacLean Construction Ltd.	\$1,334,000.00

Portable Classroom Location Souris - June 11, 2015

PD Construction Ltd.	\$4,300.00
Moveall Structures	\$5,800.00

<u>Sherwood Elementary School - Washroom Upgrades - June 18, 2015</u>	
OMD Construction Ltd.	\$29,850.00
WM&M (1993) Ltd.	\$36,500.00
MacLean Construction Ltd.	\$49,000.00
<u>QEH Therapy Pool Infill - June 19, 2015</u>	
OMD Construction Ltd.	\$50,000.00
MacLean Construction Ltd.	\$82,575.00
<u>Westisle Composite High School - Weight Room Upgrade - June 25, 2015</u>	
Paul Davis Systems PEI	\$119,528.00
OMD Construction Ltd.	\$149,950.00
GIA Ltd.	\$152,000.00
Entire Mechanical Contractors	\$168,000.00
<u>Montague Intermediate School - IT Consolidation - June 30, 2015</u>	
R.I.K.S Electric	\$9,466.00
Hansen Electric Ltd.	\$26,200.00
AMAC Electric (2004) Ltd.	\$29,220.00
Olympia Electric Ltd.	\$34,300.00
<u>Montague Regional High School - IT Consolidation - June 30, 2015</u>	
R.I.K.S Electric	\$8,158.00
AMAC Electric (2004) Ltd.	\$12,540.00
Olympia Electric Ltd.	\$16,230.00
Hansen Electric Ltd.	\$22,700.00
<u>Westisle Composite High School - IT Consolidation - July 7, 2015</u>	
DBA Solar Electric Inc.	\$125,000.00
R.I.K.S Electric	\$147,000.00
Hansen Electric Ltd.	\$158,700.00
<u>Morell Regional High School - IT Consolidation - July 7, 2015</u>	
Hansen Electric Ltd.	\$66,000.00
<u>Sherwood Elementary School - Classroom Addition - July 7, 2015</u>	
OMD Construction Ltd.	\$185,600.00
Sperra Construction Group Inc.	\$198,661.00
MacLean Construction Group Inc.	\$218,000.00
<u>École Pierre Chiasson - IT Consolidation - July 16, 2015</u>	
DBA Solar Electric Inc.	\$21,275.00
Entire Mechanical Contractors	\$22,500.00
Hanson Electric Ltd.	\$27,700.00
<u>École Evangeline - IT Consolidation - July 16, 2015</u>	
Entire Mechanical Contractors	\$100,800.00
Hansen Electric Ltd.	\$101,000.00
DBA Solar Electric Inc.	\$104,850.00
<u>PE Home - Heat Pump Installation - July 16, 2015</u>	
Doucette Bros Plumbing & Heating Inc.	\$48,995.00
Entire Mechanical Contractors	\$57,200.00
Lowther Refrigeration Ltd.	\$58,848.00
Jamieson Electric Refrigeration Ltd.	\$60,000.00

<u>East Wiltshire Intermediate School- Gym Floor Replacement - August 6, 2015</u>	
Centaur Products Atlantic Inc.	\$101,594.00
Ralph Connor Company Ltd.	\$157,950.00
<u>Shaw Building (South) - Partial Roof Replacement - August 6, 2015</u>	
Atlantic Roofers Ltd.	\$57,606.00
Ashe Roofing Ltd.	\$84,760.00
<u>Huntingdon Court - Roof Replacement - August 6, 2015</u>	
Ashe Roofing Ltd.	\$89,820.00
Atlantic Roofers Ltd.	\$108,997.00
<u>École Evangeline - Site Work - August 6, 2015</u>	
Curran and Briggs Ltd.	\$55,642.00
AJL Ltd.	\$63,700.00
<u>Four Neighbourhoods - Exterior Painting - August 6, 2015</u>	
Mallard Painting	\$43,000.00
<u>Kensington Intermediate/Senior High School - IT Consolidation - August 20, 2015</u>	
Hansen Electric Ltd.	\$68,000.00
<u>Bluefield High School - IT Consolidation - August 20, 2015</u>	
Hansen Electric Ltd.	\$72,700.00
DBA Solar Electric Inc.	\$96,750.00
<u>Kinkora Regional High School - IT Consolidation - August 20, 2015</u>	
Hansen Electric Ltd.	\$6,100.00
DBA Solar Electric Inc.	\$12,450.00
<u>École Saint Augustin - Miscellaneous Repairs - August 20, 2015</u>	
MacLean Construction Ltd.	\$48,700.00
<u>École La-Belle-Cloche - Mobile Classroom Addition - August 27, 2015</u>	
Sperra Construction Group Inc.	\$107,500.00
Cahill Construction Ltd.	\$117,995.00
B. Clinton Construction Ltd.	\$135,264.00
MacLean Construction Ltd.	\$147,700.00
Paul Davis Systems PEI	\$148,000.00
<u>LCC Warehouse - Fire Protection System Upgrades - September 1, 2015</u>	
Island Sprinkler Systems Ltd.	\$135,000.00
<u>Queens County Highway Depot - Phase 2A - September 3, 2015</u>	
WM&M (1993) Ltd.	\$112,000.00
MacLean Construction Ltd.	\$119,900.00
<u>Provincial Correctional Centre - Water Main Extension - September 15, 2015</u>	
Island Coastal Services Ltd.	\$409,235.82
Birt & MacKay Backhoe Services Ltd.	\$418,327.39
<u>Montague Consolidated School - Track Drainage - September 28, 2015</u>	
Island Coastal Services Ltd.	\$15,962.52
Kenny's Backhoeing Ltd.	\$24,750.00
Kings County Construction Ltd.	\$34,975.00
Birt & MacKay Backhoe Services Ltd.	\$35,285.08
G&P Trucking and Construction Ltd.	\$39,538.00

<u>Beach Grove Home Fire Protection System Repair - September 30, 2015</u>	
Troy Life & Fire Safety Ltd.	\$1,250,000.00
Island Sprinkler Systems Ltd.	\$1,350,000.00
LeBlanc Sprinklers Ltd.	\$1,350,000.00
<u>École Evangeline - Domestic Hot Water Repair - October 8, 2015</u>	
Ron's Plumbing & Heating Inc.	\$15,200.00
Entire Mechanical Contractors	\$20,850.00
Blair LaPierre Inc.	\$21,732.00
Bevan Bros. Ltd.	\$23,000.00
<u>PEI LCC Warehouse - Parking Lot Expansion - October 20, 2015</u>	
M&M Resources Inc.	\$35,900.00
Island Coastal Services Ltd.	\$37,879.00
<u>PEI Youth Centre Addiction Services - Parking Lot Expansion - October 20, 2015</u>	
Curran and Briggs Ltd.	\$28,900.00
Island Coastal Services Ltd.	\$37,686.98
<u>Upton Farm Tree Nursery - Site Drainage Improvements - October 20, 2015</u>	
Kings County Construction Ltd.	\$48,974.00
Island Coastal Services Ltd.	\$84,244.33
<u>Keir Clarke - Parking Lot Expansion - October 20, 2015</u>	
Kings County Construction Ltd.	\$9,895.00
Island Coastal Services Ltd.	\$11,939.28
M&M Resources Inc.	\$17,000.00
<u>École Evangeline - Boiler Room Asbestos Abatement - November 5, 2015</u>	
Marengo Engineering Ltd.	\$26173.00
<u>Three Oaks High School - Parking Lot Lighting - December 7, 2015</u>	
Olympia Electric Ltd.	\$39,400.00
Hansen Electric Ltd.	\$44,800.00
R.Cudmore Electric Ltd.	\$44,949.00
Entire Electrical	\$46,740.00
<u>École Saint Augustin - Water Treatment System - November 10, 2015</u>	
Blair LaPierre Inc.	\$45,199.00
Entire Mechanical Contractors	\$57,700.00
Culligan Moncton	\$45,600.00
<u>École Sur Mer - IT Consolidation - January 7, 2016</u>	
Hansen Electric Ltd.	\$23,700.00
Olympia Electric Ltd.	\$28,453.00
<u>Greenfield Elementary - IT Consolidation - January 7, 2016</u>	
Hansen Electric Ltd.	\$50,700.00
R.I.K.S. Electric	\$58,000.00
Olympia Electric Ltd.	\$58,586.00
<u>Elm Street Elementary - IT Consolidation - January 7, 2016</u>	
Hansen Electric	\$29,700.00
R.I.K.S Electric	\$30,000.00
Olympia Electric	\$32,372.00

<u>Miscouche Consolidated - IT Consolidation - January 7, 2016</u>	
Hansen Electric Ltd.	\$26,700.00
Olympia Electric Ltd.	\$29,614.00
<u>Athena Consolidated - IT Consolidation - January 7, 2016</u>	
R.I.K.S. Electric	\$14,700.00
Hansen Electric Ltd.	\$21,300.00
Olympia Electric Ltd.	\$22,890.00
<u>Summerside Intermediate - IT Consolidation - January 7, 2016</u>	
Hansen Electric Ltd.	\$57,000.00
Olympia Electric Ltd.	\$64,587.00
<u>Prince County Hospital - Building Controls Upgrade - February 2, 2016</u>	
Controls & Equipment Ltd.	\$401,740.00
Memco Controls Ltd.	\$456,014.00
<u>Parkside Elementary School - IT Consolidation - February 11, 2016</u>	
Olympia Electric Ltd.	\$19,437.00
Hansen Electric Ltd.	\$38,200.00
<u>West Royalty Elementary School - IT Consolidation - March 1, 2016</u>	
Hansen Electric Ltd.	\$21,700.00
R.I.K.S Electric	\$26,000.00
Olympia Electric Ltd.	\$26,324.00
<u>Stratford Elementary School - IT Consolidation - March 1, 2016</u>	
Hansen Electric Ltd.	\$14,200.00
Olympia Electric Ltd.	\$18,770.00
<u>Morell Regional High School - Partial Roof Replacement - March 3, 2016</u>	
Atlantic Roofers Ltd.	\$68,795.00
Ashe Roofing Ltd.	\$88,300.00
<u>Hernewood Intermediate School - Partial Roof Replacement - March 3, 2016</u>	
Atlantic Roofers Ltd.	\$79,960.00
Ashe Roofing Ltd.	\$82,480.00
<u>Queen Charlotte Intermediate School - IT Consolidation - March 10, 2016</u>	
R.I.K.S Electric	\$79,000.00
Hansen Electric Ltd.	\$98,650.00
<u>Stonepark Intermediate School - IT Consolidation - March 10, 2016</u>	
Hansen Electric Ltd.	\$94,700.00
R.I.K.S. Electric	\$107,000.00
<u>LCC Waterfront - Cooler Replacement - March 17, 2016</u>	
Paul Davis Systems PEI	\$130,000.00
WM&M (1993) Ltd.	\$144,000.00
Sperra Construction Group Inc.	\$166,800.00
<u>Various Schools Caulking Program - March 24, 2016</u>	
Capital Caulking (2010) Ltd.	\$119,000.00
Duron Atlantic Limited	\$239,900.00
MacLean Construction Ltd. (Non-Compliant Bid Submission)	\$89,800.00

Westisle Composite High School - Stack Replacement - March 24, 2016

Entire Mechanical Contractors	\$60,750.00
Poirier Heating & Cooling Inc.	\$79,885.00
Ron's Plumbing & Heating Inc.	\$109,000.00
Complete Fusion Welding Ltd.	\$138,500.00

Projects from Previous Year

Contract administration and quality control was also provided for the following projects that were tendered prior to April 1, 2015:

- Souris K-12 School
- Ecole Francois Buote - Phase 2
- Queens County Highway Depot - Phase 1
- IT Consolidation work - ME Callaghan Intermediate School, Colonel Gray High School and Charlottetown Rural High School

Biomass Heat

The Division provided consulting and project management services required to obtain contracts covering the provision of biomass heat for 22 Government facilities. Nineteen of the biomass heating plants were operational at the end of March 2016. Three additional plants are scheduled to be operational by early 2017. 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.

Contracts covering the provision of biomass heat have been awarded for:

• Western Hospital	Alberton	Operating
• Maplewood Manor	Alberton	Operating
• Community Hospital	O'Leary	Operating
• Miscouche School	Miscouche	Operating
• École sur Mer School	Summerside	Operating
• Wedgewood Manor	Summerside	Operating
• Elm Street School	Summerside	Operating
• Summerside Intermediate School	Summerside	Operating
• Athena School	Summerside	Operating
• Prince County Hospital	Summerside	Operational 2016-17
• Summerset Manor	Summerside	Operational 2016-17
• Three Oaks High School	Summerside	Operating
• Bluefield High School	Hampshire	Operating
• East Wiltshire School	East Wiltshire	Operating
• Eliot River School	Cornwall	Operating
• Provincial Correctional Center	Miltonvale Park	Operating
• Prince Edward Home	Charlottetown	Operating
• Beachgrove Manor	Charlottetown	Operating
• Stonepark School	Charlottetown	Operating
• Morell High School	Morell	Operational 2016-17
• Souris Regional School	Souris	Operating
• Souris Hospital	Souris	Operating

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

Prince County:

Acadian Museum

Humidifier upgrades
New expansion tank
Site modifications

Access PEI - Summerside

Partial roof replacement
Carpet replacement
Interior painting
Heating system upgrades

Green Park

Yeo House exterior painting and repairs
Security fencing

Kensington Post Office

New AC unit
Exterior handrail modifications
Interior painting
Repairs to loading dock

Mount Pleasant VIC

Site modifications / landscaping

Prince County Jail & Courthouse

AC repairs

Scale House (Borden)

New UPS system
Scale repairs
60-day testing, calibration and certification

Summerside Garage - Slemon Park

New exterior man door
Repairs to HVAC system
Exterior repairs
Generator repairs

St. Eleanors

Mobile renovations for HPEI MH&A

Summerside Youth Centre

New boilers in main unit
Repairs to HVAC system
Replacement of security windows

Tignish Body Shop
Tignish Sign Shop

Modifications to exhaust system
New water heater
Repairs to HVAC system

Tyne Valley Medical Centre

New LED parking lot pole

Tyne Valley Youth Centre

Washroom renovations

West Prince RSC - O'Leary

Exterior sidewalk modifications
Heating system repairs
New AC unit for LAN room
Partial flooring replacement

Gateway Village VIC, Borden

VIC renovations and relocation

Concorde Building, Summerside

Renovations and relocation for Child and Family Services

Queens County:

Analytical Lab - Upton Rd

New soil grinder
New exterior sidewalk
Modifications and repairs to HVAC system

Belmont Street Warehouse

Site grading
Roof repairs
Exterior step repairs

Cavendish VIC

Repairs to main entrance
New exterior door and hardware to Village Office

Coles Building

Exterior stair repair
New snow guards on roof

Customs House

Repairs to fire escape

Davies Court House

Upgrade to BMS System
New mass notification system
Hardwood floor refinishing
Sound masking installation

Government House

Interior and exterior painting
Landscaping
Electrical upgrades
Exterior step repairs
New thermal window inserts
New drapery
New mass notification system

Kelly Building

Province House Annex

Repairs to fire escape
Electrical upgrade
Asbestos abatement

Provincial Correctional Centre

Air conditioning in west wing
Minimum unit washroom renovations
Sitework grading and drainage
Interior painting
New washing machine and dryer
New snow guards
Humidifier repairs
Install food ports in cell areas
New FRP panels in kitchen area

Royalty Centre - Holland College

Parking lot repairs

Shaw /Sullivan /Jones Buildings

Hydronic heating system to 1st Shaw
Taxation offices renovations
ITSS training room A/C upgrade
Pensions office reconfiguration
5th Sullivan ventilation upgrade
Interior painting
Building controls upgrade
Asbestos abatement
Partial flooring replacement
New bilge pipe system
New floor & trench drains for water infiltration
Duct cleaning
Roof repairs
Lighting upgrades
Sprinkler head upgrade in garage
Oil tank upgrade
Landscaping
Exterior wall cleaning
Modular furniture reconfiguration

Murchison House

Interior painting

Morrison Cottage

Electrical service upgrades

St. Paul's Rectory

New exhaust fan

Sherwood Business Center

Public Health expansion. Renovations for children with special needs

Brecken Yates Building

New mass notification system

75 Fitzroy Street

New office space. Renovations for HPEI MH&A

Kings County:

Basin Head/Elmira

New electric hot water heater

Forestry - Kings

New hot water tank
Concrete walkway repairs
Exterior door replacement

Highway Material Lab

New metal roof

Kings County Courthouse

Boiler repairs

Provincial Correctional Centre

Air conditioning in west wing
Minimum unit washroom renovations
Sitework grading and drainage
Interior painting
New washing machine and dryer
New snow guards
Humidifier repairs
Install food ports in cell areas
New FRP panels in kitchen area

Royalty Centre - Holland College

Parking lot repairs

Shaw /Sullivan /Jones Buildings

Hydronic heating system to 1st Shaw
Taxation offices renovations
ITSS training room A/C upgrade
Pensions office reconfiguration
5th Sullivan ventilation upgrade
Interior painting
Building controls upgrade
Asbestos abatement
Partial flooring replacement
New bilge pipe system
New floor & trench drains for water infiltration
Duct cleaning
Roof repairs
Lighting upgrades
Sprinkler head upgrade in garage
Oil tank upgrade
Landscaping
Exterior wall cleaning
Modular furniture reconfiguration

Murchison House

Interior painting

Morrison Cottage

Electrical service upgrades

St. Paul's Rectory

New exhaust fan

Sherwood Business Center

Public Health expansion. Renovations for children with special needs

Brecken Yates Building

New mass notification system

75 Fitzroy Street

New office space. Renovations for HPEI MH&A

Kings County:

Basin Head/Elmira

New electric hot water heater

Forestry - Kings

New hot water tank
Concrete walkway repairs
Exterior door replacement

Highway Material Lab

New metal roof

Kings County Courthouse

Boiler repairs

<u>Lea Crane Building</u>	New hot water heater Smoke detector replacement
<u>MacPhail Homestead</u>	Replace outdoor water valves
<u>Montague Food Bank</u>	Replace exterior lighting
<u>Montague Office Complex</u>	Boiler replacement (2) New expansion tanks New controls for HV system
<u>Orwell Historic Village</u>	Structural repairs to roof Exterior painting of church
<u>Rollo Bay School</u>	New burner motor
<u>Scale House (Wood Islands)</u>	Scale deck repairs 60-day testing, calibration and certification
<u>Southern Kings/Queens RSC</u>	Interior painting
<u>548 Main Street</u>	Skills PEI relocation

**SCHEDULE OF CONSTRUCTION TENDERS RECEIVED (Building Maintenance & Accommodations Section)
April 1, 2015 - March 31, 2016**

<u>Access PEI Summerside - Partial Roof Replacement - June 23, 2015</u>	
MacBeth Bros Roofing	\$32,000.00
Palmer Enterprises Ltd.	\$33,068.00
Atlantic Roofers Ltd.	\$42,987.00
MacLellan Construction (Non-Compliant Bid Submission)	\$31,580.00
<u>Highway Material Lab Mt. Stewart - New Metal Roof - June 23, 2015</u>	
OMD Construction	\$37,820.00
Boo's Construction	\$52,000.00
Sperra Construction Group Inc.	\$53,404.00
MacLean Construction Ltd.	\$58,200.00
WM&M (1993) Ltd.	\$64,300.00
Atlantic Impervicoat Ltd.	\$79,998.00
<u>Orwell Historic Village Church Roof Reinforcement & Exterior Upgrades - June 23, 2015</u>	
Boo's Construction	\$48,500.00
MacLean Construction Ltd.	\$66,986.00
<u>Yeo House-Green Park Provincial Park - Exterior Painting - June 23, 2015</u>	
Palmer Enterprises Ltd.	\$24,700.00
MacLellan Construction (Non-Compliant Bid Submission)	\$24,150.00
<u>PAB Bilge Line Replacement - June 23, 2015</u>	
Island Coastal Services Ltd.	\$56,995.75
<u>Correctional Centre - West Wing A/C Addition - June 30, 2015</u>	
J&S Sheet Metal	\$40,100.00
Entire Mechanical Contractors	\$42,200.00

<u>Sullivan Building - 5th Floor Ventilation Upgrade - July 16, 2015</u>	
Entire Mechanical Contractors	\$48,400.00
Control Air Systems Inc.	\$69,300.00
<u>Sullivan Building - 5th Floor Training Room A/C - July 16, 2015</u>	
Entire Mechanical Contractors	\$24,000.00
Control Air Systems Inc.	\$28,500.00
<u>Provincial Correctional Centre - Site Modifications - July 16, 2015</u>	
Mallard Demolition	\$21,780.00
Island Coastal Services Ltd.	\$22,888.00
<u>Shaw Building - Heating Upgrade - September 3, 2015</u>	
Entire Mechanical Contractors	\$226,175.00
Bevan Bros.	\$288,000.00
Precision Mechanical	\$324,750.00
<u>Shaw Building - Interior Renovations - September 17, 2015</u>	
WM&M (1993) Ltd.	\$86,000.00
Sperra Construction	\$90,062.00
Lindsay Construction	\$100,000.00
Brighton Construction	\$110,000.00
Paul Davis Systems (Non-Compliant Bid Submission)	\$84,000.00
<u>Summerside Youth Centre - Boilers Replacement - September 17, 2015</u>	
Bevan Bros.	\$31,550.00
Ron's Plumbing & Heating	\$31,700.00
Mr. Plumber	\$35,768.00
Doucette Bros. Plumbing & Heating (Non-Compliant Bid Submission)	\$32,490.00
<u>Coles Building - Exterior Step Repair - October 8, 2015</u>	
MacLean Construction Ltd.	\$14,270.00
<u>Kensington Post Office - Exterior Handrail Modifications - October 11, 2015</u>	
Glenn's Place Ltd.	\$14,600.00
<u>Shaw Building 5th Floor South - Flooring Replacement - November 19, 2015</u>	
Loyalist Marble & Tile	\$30,700.00
Tile Master	\$32,000.00
Sherwood BMR	\$32,900.00
Commercial Carpet Centre	\$34,995.00
M&M Furniture	\$40,908.80
<u>Tyne Valley Youth Centre - Washroom Renovations - November 19, 2015</u>	
OMD Construction	\$56,900.00
Wellington Construction	\$67,375.00
Sperra Construction	\$96,251.00
<u>Davies Law Courts - Hardwood Floor Refinishing - November 24, 2015</u>	
A-Z Hardwood Flooring	\$13,800.00
<u>Access Summerside - Interior Painting - December 11, 2015</u>	
Palmer Enterprises Ltd.	\$4,080.00
New Look Painting Services	\$7,200.00
MacLellan Construction	\$14,839.00

<u>Access Summerside - Flooring Replacement - December 11, 2015</u>	
Loyalist Marble & Tile	\$40,780.00
FRS Flooring Solutions	\$41,293.00
Town & Country Carpet One	\$43,000.00
Commercial Carpet Centre	\$43,999.00
City Flooring	\$79,683.73
CP Construction Services	\$93,700.00
 <u>Provincial Correctional Centre - Washroom Renovations - January 28, 2016</u>	
WM&M (1993) Ltd.	\$74,400.00
MacLean Construction Ltd.	\$77,710.00
OMD Construction	\$79,800.00
Brumac Construction Limited	\$86,870.00
Sperra Construction Group	\$90,000.00
Fitzgerald & Snow (2010) Ltd.	\$90,450.00
T&J Construction Ltd.	\$95,800.00
 <u>Provincial Correction Centre - Interior Painting - February 4, 2016</u>	
Island Painting	\$27,500.00
Willis Painting	\$29,600.00
Mallard Painting	\$33,400.00
 <u>Various Buildings - Elevator Full Service Maintenance - February 4, 2016</u>	
Otis Elevator	\$168,000.00
Thyssenkrupp	\$176,940.00
 <u>Murchison House - Interior Painting - February 10, 2016</u>	
Mallard Painting	\$8,100.00
Willis Painting	\$9,300.00
 <u>St. Eleanors - Mobile Renovations - February 11, 2016</u>	
Wellington Construction	\$33,675.00
Paul Davis Systems	\$34,800.00
OMD Construction	\$39,000.00
Palmer Enterprises	\$39,900.00
WM&M (1993) Ltd.	\$41,400.00
MacLellan Construction	\$41,680.00
 <u>Access PEI Montague - Interior Painting - March 1, 2016</u>	
Bruce Martell Painting	\$4,500.00
P. Forrester & Sons	\$6,800.00
Mallard Painting	\$9,100.00
McGuirk Bros.	\$11,500.00
 <u>Provincial Correctional Centre - New Washer & Dryer - March 10, 2016</u>	
Chandler Motor Repair	\$21,400.00
Ferguson Sales	\$21,589.00
East Coast Laundry	\$22,907.00

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

Project Approvals

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

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

The section processed 308 environmental assessments/project approvals during 2015/16, including 219 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.

2015 Environmental Management Section Project Approvals

County	Blanket Approval	EMS Approval (only)	EMS Field Approval	EMS Approval & DCLE Permit	Total
Prince	7	10	71	8	96
Queens	7	34	61	10	112
Kings	7	3	87	3	100
Province	21	47	219	21	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, 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 2015/16 for the various blanket approval types is provided in the following table:

2015 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	32	3	25	60
Road Bump Installations	0	0	3	3
Shore Access	0	2	9	11
Maintenance of Environmental Controls	24	38	22	84
Guardrail Reinstatement (with shoulder work)	7	36	24	67
Confederation Trail Surface and Slope Repairs	1	4	7	12
Confederation Trail Vegetation Management	1	17	0	18
Ditching	16	26	78	120
Brush Cutting	57	48	178	283
Timber Pile Bridge Minor Repair	1	7	3	11
Unpaved Road Improvements With/Without Ditching (within 30 metres of Watercourse/Wetland)	0	39	25	64
Surface Water Cross Culvert Replacement	7	16	26	49
Repair, Increase or Replace Stabilization Materials at Watercourse/Wetland	3	1	15	19
Maintenance of Provincial Tap Drains	5	4	9	18
Shoulder Grading/Planing & Material Placement	15	20	11	46
Repair/Replace Timber Floors	0	0	4	4
Painting Bridge Structures	0	4	0	4
Asphalt Overlay	1	23	48	72
Debris Removal from Structures	0	0	4	4
Total Blanket Approval Projects	170	288	491	949

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 2015/16, 219 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 2015/16, 47 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 2015/16, 21 EMS Approval-to-Proceed with DCLE Watercourse, Wetland, or Buffer Zone Activity permits were issued.

Environmental Audit Results

Annually, an end of construction season environmental audit is undertaken. The audit provides an opportunity to discuss work methods, environmental controls, and new and different methods of conducting work. In 2015, 19 projects were audited by the Environmental Management Section. Of the 19 projects, three exceeded the requirements of the permit while 16 met the requirements of the permit. 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 2015/16, EMS staff coordinated environmental management round-table discussion sessions with several TIE divisions. The topics of these sessions included TIE environmental policies and procedures, changes to the *Environmental Protection Act*, as well as the installation of proper environmental controls and activities such as in-stream culvert work, ditching, etc.

Policy and Program Development

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

Programs

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

Policies

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

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 four categories: sediment control; fish passage restoration; erosion control; and community access. Department work may involve in-kind provision of materials or services by the EMS and Highway Maintenance Division. The EMS worked with 15 local community and watershed-based groups in 2015/16 to coordinate the completion of more than 30 watershed-based improvement projects.

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 (BMWVs) 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 BMWVs 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 BMWVs identified and managed beaver problems at 138 sites in 2015/16.

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:

- Bonshaw Hills Public Lands Sub-Committee
- 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) Road Salt Working Group

Regulatory Approvals and Environmental Assessments

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

NWP Approvals

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

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 section:

- 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;
- 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; and
- provide a mechanism for the equitable resolution of boundary uncertainties.

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 106 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 48 files relating to road width and status inquiries. Disputed public roads continue to consume a major portion of the section's resources. Often at issue is the existence of a public road leading to the shore that is not visible on the ground, nor shown on the provincial highway atlas.

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 re-alignment of the Trans Canada Highway at Tryon Phase 2 are complete. Work has been done on the surveys for the re-alignment of the Trans Canada Highway at Mt. Mellick. Work has also been carried out on the new Highway Maintenance Depot site on the Brackley Point Road.

Provincial Survey Reference System

The GNSS-based active control network has now been in use by survey crews for a year. 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. An inspection schedule is being implemented to ensure that the system components are in a good state of repair, and to further ensure that any maintenance issues are dealt with before they become larger and lead to more serious problems. Coverage of the system Island wide is very good. There is, however, an area near Skinners Pond which has caused some issues in receiving signals through our wireless provider.

Legislation

Work is proceeding on the proposed revisions and amendments to the *Land Survey Act*. Government, in conjunction with this Office and the Association of Prince Edward Island Land Surveyors, have formed a working committee to propose/advise and give rationale for changes to the Act, which will then be forwarded on to the Deputy Minister for presentation to the Legislative Council for their consideration. At this stage, the proposed amendments have been vetted within the Department, and have been submitted to the Association of Prince Edward Island Land Surveyors for their comments and input.

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) 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, 2016, there were approximately 2,285 essential properties (totalling 98,192 acres) and 141 surplus properties (totalling 546 acres) held in provincial ownership and under the management of various government departments. For the period April 1, 2015 to March 31, 2016, the Properties Section received 377 inquiries related to provincial property matters.

Property Leases - April 1, 2015 to March 31, 2016

For the period April 1, 2015 to March 31, 2016, there were 93 lease agreements on 107 provincial properties (1,352 approximate acres) generating a revenue of \$53,702.00 for this period.

In addition, there were an additional 297 lease or licence agreements on 524 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, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
284612	Hunter River	0.10 acres	\$3,354	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
655753	Mayfield	0.53 acres	\$3,837	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
493452	North Rustico	0.29 acres	\$6,231	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
404202	Dundas	0.29 acres	\$4,417	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
551408	Head of Cardigan	0.86 acres	\$3,196	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
543256	Summerville	0.53 acres	\$8,287	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
487850	New Zealand	1.00 acres	\$22,328	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
116178	New Zealand	3.00 acres	\$16,465	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
696260	Church Road	0.40 acres	\$5,494	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
678938	Dingwells Mills	0.275 acres	\$6,527	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
432104	Wood Islands	0.347 acres	\$8,642	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
236315	North Rustico	0.19 acres	\$8,495	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
616144	Tarantum	1.70 acres	\$5,564	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
211045	Borden-Carleton	0.39 acres	\$9,511	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
797175	Egmont	0.10 acres	\$2,517	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
642199	Mount Pleasant	0.33 acres	\$3,320	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
76141	Kensington	0.42 acres	\$11,612	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
210419	Cape Traverse	0.20 acres	\$4,914	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
322925	Lower Newton	1.00 acres	\$3,819	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
220707	Bedeque	0.25 acres	\$10,016	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
825836	Inkerman	1.10 acres	\$4,300	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
644831	Miminegash	0.10 acres	\$3,071	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
617688	Gaspereaux	1.90 acres	\$4,741	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
695700	Ascension	0.58 acres	\$3,774	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.

Parcel	Location	Acreage	Amount	Notes
696336	Glenwilliam	0.55 acres	\$3,726	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
805523	Coleman	0.42 acres	\$3,437	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
711952	St. Felix	0.38 acres	\$4,305	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
271536	Murray Harbour	0.50 acres	\$3,451	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
853135	Degros Marsh	0.90 acres	\$3,675	Tax sale property transferred to Provincial ownership for amount of taxes and legal costs owing.
283192	Milton Station	35.00 acres	\$0	Property acquired via land exchange for a buffer to existing former landfill site. (PID #283192 for PID #283226).
1076884	Tyne Valley	8.00 acres	\$140,000	Acquired Parcel - A, 3.14 acres and Parcel - B, 4.86 acres for proposed new long term care facility.
261867	Wellington Station	0.08 acres	\$0	Land exchange to accommodate expansion of parking lot and green space. Portion of PID #262006 (to be appended to 261867) for a portion of PID #261867.
118133	Rollo Bay	0.27 acres	\$7,000	Property acquired to be appended to the former Rollo Bay School property, PID #118315.
118117	Rollo Bay	1.00 acres	\$21,000	Property acquired for the proposed expansion/renovation of the École La-Belle-Cloche in Rollo Bay.
Total	34 Properties	62.98 acres	\$ 351,026	

**Property Acquisitions (RLAF) - April 1, 2015 to March 31, 2016
(RLAF - Resource Land Acquisition Fund)**

Parcel	Location	Acreage	Amount	Notes
46615	Glenwood	6.00 acres	\$1,800	Acquired for the Department of Communities, Land & Environment.
54098	Milburn	50.00 acres	\$85,000	Acquired for the Department of Communities, Land & Environment.
114165	Rock Barra	50.00 acres	\$20,000	Acquired for the Department of Communities, Land & Environment.
163089	Head of Cardigan	85.00 acres	\$83,000	Acquired for the Department of Communities, Land & Environment.

Parcel	Location	Acreage	Amount	Notes
189498	Midgell	40.00 acres	\$60,000	Acquired for the Department of Communities, Land & Environment.
219204	Riverdale	5.00 acres	\$10,000	Acquired for the Department of Communities, Land & Environment.
476077	Bloomfield	2.00 acres	\$14,000	Acquired for the Department of Communities, Land & Environment.
682500	Priest Pond	40.00 acres	\$15,000	Acquired for the Department of Communities, Land & Environment.
810846	Donagh	30.00 acres	\$3,500	Acquired for the Department of Communities, Land & Environment. Government paid \$3,500.00 and Ducks Unlimited paid \$3,500.00.
888859	Brookvale	1.06 acres	\$5,500	Acquired for the Department of Communities, Land & Environment.
Total	10 Properties	309.06 acres	\$297,800	

Easements Granted - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
869271	Rustico	1.78 acres	\$0	Easement granted for the placement of power poles.
100024	Souris	0.07 acres	\$500	Easement granted for upgrading of sanitary sewer systems.
127027	Lyndale	0.59 acres	\$0	Easement granted for culvert installation, ditching and berm work to redirect water.
431874	Iona	3.49 acres	\$0	Right-of-Way granted to a total of 3 clients over CNR corridor to access adjacent property.
254318	Murray Harbour	0.18 acres	\$500	Right-of-Way granted over CNR corridor to access adjacent property.
541458	Brudenell	0.09 acres	\$0	Right-of-Way granted to allow access.
284349	Hunter River	0.13 acres	\$0	Easement granted for parking site.
243261	Iris	1.70 acres	\$500	Right-of-Way granted to allow access.
335158	Charlottetown	0.28 acres	\$0	Easement granted for the purpose of public access and viewscape.
Total	9 Properties	8.31 acres	\$1,500	

Easements Acquired - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
837450	Linkletter	0.07 acres	\$0	Acquired easement for storm water management.
837468	Linkletter	0.07 acres	\$0	Acquired easement for storm water management.
64964	Linkletter	0.07 acres	\$0	Acquired easement for storm water management.
725150	St. Edward	0.18 acres	\$0	Acquired easement for tap drain.
489781	St. Edward	0.02 acres	\$0	Acquired easement for tap drain.
562983	St. Edward	0.07 acres	\$0	Acquired easement for tap drain.
606251	St. Edward	0.04 acres	\$0	Acquired easement for tap drain.
13714	St. Edward	0.25 acres	\$0	Acquired easement for tap drain.
289512	Stratford	0.30 acres	\$0	Acquired temporary easement for cul-de-sac in subdivision.
289512	Stratford	1.13 acres	\$0	Acquired easement for storm water management.
148692	Pisquid West	0.10 acres	\$0	Acquired easement for storm water management.
1064484	St. Edward	0.005 acres	\$0	Acquired easement for tap drain.
296632	White Sands	0.06 acres	\$0	Acquired easement for tap drain.
238923	Rustico	0.09 acres	\$0	Acquired easement for tap drain.
289462	Stratford	0.26 acres	\$0	Acquired easement for storm water management.
1026558	Stratford	0.07 acres	\$0	Acquired easement for storm water management.
292227	Guernsey Cove	0.28 acres	\$0	Acquired easement for tap drain.
262212	Wellington	0.31 acres	\$0	Acquired easement for tap drain.
947077	Wellington	0.34 acres	\$0	Acquired easement for storm water management.
146225	Mount Stewart	0.26 acres	\$500	Acquired easement for tap drain.
146308	Mount Stewart	0.003 acres	\$500	Acquired easement for tap drain.
199687	Montague	0.11 acres	\$2,500	Acquired easement for arch structure.
199752	Montague	0.05 acres	\$1,200	Acquired easement for arch structure.
326009	Iona	0.026 acres	\$500	Acquired easement for arch structure.

Parcel	Location	Acreage	Amount	Notes
325860	Iona	0.058 acres	\$500	Acquired easement for arch structure.
146191	Mount Stewart	0.04 acres	\$500	Acquired easement for tap drain.
703215	Brackley	0.012 acres	\$500	Acquired easement for storm water management.
629865	Pleasant View	0.15 acres	\$0	Acquired easement for storm water management.
414672	Pleasant View	0.37 acres	\$0	Acquired easement for storm water management.
712372	Abram Village	0.11 acres	\$1,000	Acquired easement for tap drain.
525923	Abram Village	0.11 acres	\$500	Acquired easement for tap drain.
1057165	Abram Village	0.38 acres	\$0	Acquired easement for tap drain.
1054519	Abram Village	0.33 acres	\$0	Acquired easement for tap drain.
146043	Mount Stewart	0.095 acres	\$500	Acquired easement for tap drain.
818450	Union Road	0.037 acres	\$500	Acquired easement for storm water management.
515809	Union Road	0.08 acres	\$0	Acquired easement for storm water management.
217257	Crapaud	0.003 acres	\$0	Acquired easement for storm water management.
218701	Bonshaw	0.003 acres	\$500	Acquired easement for installation of streetlights.
218735	Bonshaw	0.02 acres	\$0	Acquired easement for installation of streetlights.
218727	Bonshaw	0.06 acres	\$800	Acquired easement for installation of streetlights.
127902	Greenfield	0.15 acres	\$0	Acquired easement for storm water management.
284349	Hunter River	0.02 acres	\$0	Acquired Right-of-Way to access adjacent property.
284364	Hunter River	0.045 acres	\$0	Right-of-Way retained in favour of Government to access property.
Total	43 Properties	6.237 acres	\$10,500	

Disposals for Highways - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
241679	Oyster Bed	0.06 acres	\$500	Portion of old road bed closed and conveyed to adjacent property owner.
237909	Rustico	0.04 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner.
434597	Rustico	0.05 acres	\$0	Portion of old road bed closed and conveyed to adjacent property owner.
286427	Murray River	0.55 acres	\$500	Portion of old road bed closed and conveyed to adjacent property owner.
208215 & 208561	Tryon	1.27 acres	\$0	Province exchanged Parcel A & B (total 1.27 acres) for Parcel D & RA-04 (total area 0.79 acres) for relocation of Tryon church due to road re-alignment.
178319	Bristol	1.45 acres	\$1,250	Property conveyed to adjacent landowner.
25106	Mount Pleasant	0.57 acres	\$550	Property conveyed to adjacent landowner by Restricted Tender.
219089	Riverdale	25.85 acres	\$0	Disposed of property for Bonshaw Public Lands Committee (BPLC) via land exchange PID #1079615 for portion of PID #s 219089 and 219097.
219097	Riverdale	26.46 acres	\$0	Disposed of property for Bonshaw Public Lands Committee (BPLC) via land exchange PID #1079615 for portion of PID #s 219089 and 219097.
208215	Tryon	70.55 acres	\$0	Disposed of property via land exchange for TCH re-alignment in Tryon. (208215 for PID #215632 and a portion of PID #401224, which is now PID #1080209)
Total	10 Disposals	126.85 acres	\$2,800	

Acquisitions for Highways - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
200295	Rocky Point	1.66 acres	\$0	Transfer of administration and control of the Blockhouse Road to the Province.
289462	Stratford	2.89 acres	\$0	Acquired for new subdivision street.

Parcel	Location	Acreage	Amount	Notes
606962	Tryon	1.00 acres + house	\$20,000	Acquired for new road access for adjacent property as part of the TCH road re-alignment in Tryon.
208686	Tryon	1.00 acres + building	\$40,000	Acquired for new road access for adjacent property as part of the TCH road re-alignment in Tryon.
289512	Stratford	1.40 acres	\$0	Acquired for new subdivision street.
283812	Hunter River	0.12 acres + house	\$93,000	Acquired to eliminate flooding risks associated with the property.
224931	Kelly's Cross	1.48 acres + house	\$30,000	Acquired to improve site distance.
490573	Marshfield	0.00 acres	\$716	Remaining compensation for purchase of 0.13 acres for Route 25 road re-alignment project. Total compensation was \$7,167.55.
530972	Marshfield	0.14 acres	\$7,625	Acquired for Route 25 road re-alignment project.
720029	Marshfield	1.10 acres	\$50,000	Acquired for Route 25 road re-alignment project.
857532	Springbrook	0.002 acres	\$0	Acquired through Quit Claim Deed.
88955	Springbrook	0.01 acres	\$500	Acquired for Route 20 re-alignment.
603134	Brackley	2.59 acres + house + outbuildings	\$185,000	Acquired for Route 15 intersection re-alignment.
861369	Brackley	2.00 acres + house	\$223,000	Acquired for new Government Garage site.
218750	Bonshaw	8.50 acres	\$42,500	Acquired for a cul-de-sac and alternative access.
92056	Stanley Bridge	0.10 acres + house	\$120,000	Acquired to remove access onto Route 6, and to allow for roundabout construction.
286757	Murray River	0.03 acres	\$500	Acquired for road improvements on Main Street in Murray River.
283788	Hunter River	0.40 acres + house + buildings	\$43,000	Acquired to accommodate a temporary detour road related to the Bagnall's Pond bridge replacement and to remove access on Route 13.
236430	North Rustico	0.03 acres	\$0	Acquired for road widening.
236554	North Rustico	0.03 acres	\$0	Acquired for road widening.

Parcel	Location	Acreage	Amount	Notes
236208	North Rustico	0.02 acres	\$0	Acquired for road widening.
405464	Tryon	0.79 acres	\$0	Province exchanged Parcel A & B (total 1.27 acres) for Parcel D & RA-04 (total area 0.79 acres) for relocation of Tryon church due to road re-alignment.
947077	Wellington	1.70 acres	\$16,000	Acquired for new subdivision street.
717629	Baldwin Road	0.25 acres	\$4,500	Acquired for roundabout.
228437	Clyde River	0.08 acres	\$3,200	Acquired for road re-alignment project.
482117	Brackley	0.14 acres	\$4,000	Acquired for road improvements.
133405	Brackley	0.11 acres	\$3,000	Acquired for road improvements.
227900	Clyde River	0.29 acres	\$9,500	Acquired for road re-alignment project.
1079615	Riverdale	48.20 acres	\$0	Acquired for Bonshaw Public Lands Committee (BPLC) via land exchange PID #1079615 for portion of PID #s 219089 and 219097.
878355	Baldwin Road	0.46 acres	\$8,570	Acquired for roundabout.
92395	Stanley Bridge	0.01 acres	\$500	Acquired for part of the Route 224-Route 6 intersection improvements.
215632	Tryon	27.00 acres	\$0	Acquired property via land exchange for TCH re-alignment in Tryon. (208215 for PID #215632 and a portion of PID #401224, which is now PID #1080209)
1080209	Tryon	27.45 acres	\$0	Acquired property via land exchange for TCH re-alignment in Tryon. (208215 for PID #215632 and a portion of PID #401224, which is now PID #1080209)
124982	Baldwin Road	0.08 acres	\$2,500	Acquired for roundabout.
74211	Travellers Rest	0.42 acres + house + book store	\$105,000	Acquired property due to the location at the intersection with Rte 2 and building encroachment.
124180	Baldwin Road	0.16 acres	\$2,300	Acquired property for roundabout.
758102	Stanley Bridge	0.24 acres	\$5,905	Expropriated settlement for Stanley Bridge roundabout project.
Total	37 Properties	131.88 acres	\$ 1,020,816	

Property Disposals (Not RLAF) - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
283226	Milton Station	8.33 acres	\$8,000	Disposed of property through land exchange. (PID #283226 for PID #283192)
735563	Milton	1.55 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
737387	Pisquid East	3.36 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
737395	Glen Valley	3.94 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
761817	Caledonia	1.32 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
740217	Urbanville	2.13 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
737676	Alma	1.00 acres	\$0	Disposed of property by the direction of the Office of Public Safety to upgrade the current Provincial Integrated Communications System (PICS).
1030303	Summerside	4.40 acres	\$0	Disposed of property at the request of the PEI Housing Corporation for the proposed development of a seniors project.
1060086	New Haven	3.00 acres	\$55,500	Disposed of property through public tender.
284364	Hunter River	0.16 acres	\$0	Disposed of property as a result of further negotiations from original public tender.
828368	Naufrage	0.93 acres	\$0	Disposed of property to rectify land transfer.
617951	Souris	0.56 acres	\$0	Tax sale property conveyed to Habitat for Humanity PEI.
33589	Elmsdale	0.02 acres	\$500	Disposed portion of property for addition to potato warehousing operation.

Parcel	Location	Acreage	Amount	Notes
283226	Milton Station	0.05 acres	\$0	Conveyance to rectify title issue.
261867	Wellington Station	0.08 acres	\$0	Land exchange to accommodate expansion of parking lot and green space. Portion of PID #262006 (to be appended to 261867) for a portion of PID #261867.
37226	Rosebank	0.70 acres	\$10,505	Disposed of property through public tender.
221960	Central Bedeque	0.125 acres	\$263	Tax sale property sold to adjacent landowner by Restricted Tender.
629303	Borden-Carleton	0.06 acres	\$500	Tax sale property sold to adjacent landowner by Restricted Tender.
213843	Searletown	0.11 acres	\$100	Tax sale property sold to adjacent landowner by Restricted Tender.
102186	Souris	0.37 acres	\$10,000	Disposed of property to correct an encroachment issue.
1018423	Borden-Carleton	0.04 acres	\$0	Disposed of property to rectify a boundary issue.
211086	Borden-Carleton	0.20 acres	\$0	Disposed of property to utilize for a parking lot.
Total	22 Disposals	32.435 acres	\$85,368	

Property Disposals (RLAF) - April 1, 2015 to March 31, 2016

Parcel	Location	Acreage	Amount	Notes
76885	Kensington	0.01 acres	\$500	Disposed of property to correct encroachment issue.
Total	1 Disposal	0.01 acres	\$500	

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 are 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 who 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 FY2015/16 was approximately \$45,434,079. The Department's Bridge Maintenance expenditures are covered under the ordinary budget accounts.

A new funding agreement with Ottawa, Build Canada Fund, was put in place in 2014. This agreement is a 10-year funding deal between the Federal and Provincial governments. Under the New Build Canada Funding agreement, there were 15 projects completed, four larger projects were completed on Route 1 with the remaining projects located on various sections of Route 2. We also completed the carry-over project of the Souris Bridge. The New Deals for Cities and Communities Projects included 12 projects including; Bagnall's Pond, Hunter River Route 13; Stanley Bridge Roundabout; Murray River Route 3 intersection improvement; and various other projects.

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 also the PEI 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 5-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 Maintenance Division.

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 2015-2016

Subdivision Name Location	SD #	Street Names	Length (km)	Grade	Gravel	Base	Seal	To be Sealed	New Pavement
QUEENS COUNTY									
Clearview Estate Subdivision - Stratford	250	Brookside Drive	0.40	0.00	0.00	0.00	0.40	0.00	0.40
Industrial Business Park - Stratford	700	Hollis Avenue	0.49	0.49	0.49	0.49	0.49	0.00	0.49
Maryland Subdivision - Pleasant Grove	835	Maggie Lane	0.70	0.70	0.70	0.70	0.70	0.00	0.70
Forest Trails Subdivision - Stratford	858	Hollis Avenue	0.30	0.30	0.30	0.30	0.30	0.00	0.30
PRINCE COUNTY									
Le Bel Âge Subdivision - Wellington	856	J. Leonce Bernard Street	0.36	0.36	0.36	0.36	0.36	0.00	0.36
Provincial Totals			2.25	1.85	1.85	1.85	2.25	0.00	2.25

SCHEDULE OF HIGHWAYS & BRIDGES TENDERS RECEIVED

April 1, 2015 - March 31, 2016

Route 1 Cornwall - April 9, 2015
Chapman Bros. Construction Ltd.
The Island Construction Ltd.

\$298,594.10
\$300,297.30

Route 2 Springfield - April 9, 2015
Chapman Bros. Construction Ltd.
The Island Construction Ltd.
Curran & Briggs Ltd.

\$386,344.80
\$395,188.80
\$415,675.80

Route 2 Tignish - April 9, 2015
Chapman Bros. Construction Ltd.
Curran & Briggs Ltd.

\$548,365.20
\$579,347.20

<u>Route 2 Norboro/Kensington - April 9, 2015</u>	
Chapman Bros. Construction Ltd.	\$760,844.20
Curran & Briggs Ltd.	\$784,844.20
The Island Construction Ltd.	\$798,362.20
<u>Route 2 Farmington - April 9, 2015</u>	
Chapman Bros. Construction Ltd.	\$244,977.02
The Island Construction Ltd.	\$248,352.33
<u>Route 2 Marshfield - April 9, 2015</u>	
The Island Construction Ltd.	\$321,116.50
Chapman Bros. Construction Ltd.	\$332,869.50
<u>Route 4 Primrose- April 9, 2015</u>	
Chapman Bros. Construction Ltd.	\$142,357.10
The Island Construction Ltd.	\$155,689.10
<u>Route 5 & 22 Baldwin Road - April 9, 2015</u>	
Chapman Bros. Construction Ltd.	\$443,715.75
Curran & Briggs Ltd.	\$449,995.35
Kings County Construction Ltd.	\$458,958.75
Island Coastal Services Ltd.	\$463,074.99
<u>Route 6, 224 & 254 Stanley Bridge - April 9, 2015</u>	
Chapman Bros. Construction Ltd.	\$170,702.15
Curran & Briggs Ltd	\$181,478.00
<u>Route 1 Hampton - May 14, 2015</u>	
The Island Construction Ltd.	\$446,028.50
Chapman Bros. Construction Ltd.	\$467,945.50
Curran & Briggs Ltd.	\$494,434.00
<u>Route 1 Mt. Herbert - May 14, 2015</u>	
Chapman Bros. Construction Ltd.	\$351,501.50
The Island Construction Ltd.	\$356,817.60
Birt & MacKay Construction Ltd.	\$360,980.84
Island Coastal Services Ltd.	\$365,127.24
<u>Route 2 Summerside - May 14, 2015</u>	
Curran & Briggs Ltd.	\$329,904.00
Island Coastal Services Ltd.	\$376,174.00
Chapman Bros. Construction Ltd.	\$395,844.00
<u>Route 4 Murray River - May 14, 2015</u>	
Birt & MacKay Construction Ltd.	\$276,299.75
Kings County Construction Ltd.	\$290,383.15
Island Coastal Services Ltd.	\$292,997.18
Chapman Bros. Construction Ltd.	\$300,690.25
<u>Route 248 Milton - May 14, 2016</u>	
Noye & Noye Ltd.	\$423,520.35
Highfield Construction	\$467,539.00
<u>Tryon Arch Supply - May 28, 2015</u>	
Shaw Precast Group	\$748,490.00
Campbell's Concrete	\$1,066,750.00

<u>Standing Offers Bridge Maintenance Services - May 28, 2015</u>	
Noye & Noye Ltd.	\$150,192.00
MacEwen Construction	\$152,882.00
Gaudette's Transit Mix	\$152,994.00
Gillis Welding	\$155,332.00
Central Prince Contracting	\$157,984.10
Cardigan Excavators	\$158,272.00
Maritime Dredging	\$161,342.00
Kings County Construction Ltd.	\$173,192.00
Jim Cahill Septic	\$176,468.00
M&M Resources	\$179,842.00
Lomer MacDonald	\$207,502.00
Kildare Construction	\$207,542.00
Highfield Construction	\$232,622.00
<u>Inverness Bridge Structure Replacement - June 26, 2015</u>	
Central Prince Contracting	\$357,031.00
Island Coastal Services Ltd.	\$494,502.70
Noye & Noye Ltd.	\$524,931.00
<u>Route 1 Tryon West (Phase 2) - July 7, 2015</u>	
Island Coastal Services Ltd.	\$3,081,762.12
The Island Construction Ltd.	\$3,322,931.58
Chapman Bros. Construction Ltd.	\$3,412,128.00
<u>Route 15 Brackley Left Turn Lane - August 11, 2015</u>	
The Island Construction Ltd.	\$501,684.64
Chapman Bros. Construction Ltd.	\$503,578.00
<u>Precast Concrete Arch Supply - August 12, 2015</u>	
Shaw Group	\$866,422.75
<u>Bagnall's Pond Hunter River- August 20, 2015</u>	
Noye & Noye Ltd.	\$813,560.90
<u>Oyster Bed Arch Replacement - August 27, 2015</u>	
Island Coastal Services Ltd.	\$451,474.00
Birt & MacKay Construction Ltd.	\$509,187.08
Noye & Noye Ltd.	\$586,427.00
<u>Borden Avenue - September 3, 2015</u>	
Chapman Bros. Construction Ltd.	\$133,327.00
Curran & Briggs Ltd.	\$137,343.00
<u>Carragher's Pond Structure Replacement - September 15, 2015</u>	
Island Coastal Services Ltd.	\$443,217.50
Birt & MacKay Construction Ltd.	\$483,910.91
<u>Kinlock Road, Stratford - September 18, 2015</u>	
The Island Construction Ltd.	\$134,540.00
Island Coastal Services Ltd.	\$142,357.26
Birt & MacKay Construction Ltd.	\$144,528.66
Chapman Bros. Construction Ltd.	\$195,874.50
<u>Northam Bridge Structure Replacement - October 8, 2015</u>	
Noye & Noye Ltd.	\$399,523.20
Curran & Briggs Ltd.	\$499,470.00

<u>Route 1 Charlottetown - February 24, 2016</u>	
The Island Construction Ltd.	\$311,097.40
Chapman Bros. Construction Ltd.	\$326,276.40
<u>Route 2 Charlottetown/Milton Station - February 24, 2016</u>	
The Island Construction Ltd.	\$179,214.00
Chapman Bros. Construction Ltd.	\$182,264.00
<u>Route 6 Stanley Bridge /New London - February 24, 2016</u>	
The Island Construction Ltd.	\$860,079.00
Chapman Bros. Construction Ltd.	\$870,961.00
Curran & Briggs Ltd.	\$874,893.60
<u>Route 225 Kinkora - February 24, 2016</u>	
The Island Construction Ltd.	\$393,398.90
Chapman Bros. Construction Ltd.	\$398,137.20
Curran & Briggs Ltd.	\$399,941.80
<u>Route 2 Marshfield - February 24, 2016</u>	
The Island Construction Ltd.	\$589,170.76
Chapman Bros. Construction Ltd.	\$619,890.20
Island Coastal Services Ltd.	\$622,553.43
<u>Route 4 Bridgetown - February 24, 2016</u>	
Chapman Bros. Construction Ltd.	\$1,082,437.40
Island Coastal Services Ltd.	\$1,151,689.80
Birt & MacKay Construction Ltd.	\$1,190,985.48
<u>Route 4 Montague - February 24, 2016</u>	
Chapman Bros. Construction Ltd.	\$160,774.40
The Island Construction Ltd.	\$174,791.95
<u>MacPhee Avenue - Souris- February 24, 2016</u>	
Chapman Bros. Construction Ltd.	\$218,509.00
<u>Bridge Maintenance Services - March 10, 2016</u>	
Gillis Welding	\$148,204.00
MacEwen Construction	\$149,804.00
Noye & Noye Ltd.	\$150,004.00
Gaudette's Transit Mix	\$150,566.00
Kildare Construction	\$151,264.00
Cardigan Excavators	\$158,044.00
Kings County Construction Ltd.	\$169,459.00
Lomer MacDonald	\$189,814.00
Maritime Dredging	\$193,264.00
<u>Cascumpec Bridge - March 31, 2016</u>	
Noye & Noye Ltd.	\$1,716,475.90
Gaudette's Transit Mix	\$1,939,740.52
Highfield Construction	\$2,034,207.90
<u>Mt. Pleasant/Ellerslie - Bideford - March 31, 2016</u>	
Curran & Briggs Ltd.	\$343,638.00
Chapman Bros. Construction Ltd.	\$344,054.00
<u>North Carleton/Searltown - March 31, 2016</u>	
Curran & Briggs Ltd.	\$354,840.20
Chapman Bros. Construction Ltd.	\$354,896.20

Kelly's Cross Structure Replacement - March 31,2016

Birt & MacKay Construction Ltd.

Island Coastal Services Ltd.

Chapman Bros. Construction Ltd.

Noye & Noye Ltd.

\$449,742.62

\$497,791.00

\$544,602.00

\$525,715.00

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 - Charlottetown	1.56	0.00	0.00	0.00	1.44	0.00	1.56	0.00	0.00	0.00
Route 1 - Cornwall	1.41	0.00	0.00	0.00	0.70	0.00	1.41	0.00	0.00	0.00
Route 1 - Clyde River (carry over)	0.40	0.28	0.28	0.00	0.28	0.28	0.40	0.28	0.00	0.28
Route 1 - Hampton	1.85	0.00	0.00	0.00	1.85	0.00	1.85	0.00	0.00	0.00
Route 1 - Tryon West	1.95	1.25	1.25	0.00	1.48	1.25	1.95	1.25	0.00	1.25
Route 2 - Springfield	1.65	0.00	0.00	0.00	1.65	0.00	1.65	0.00	0.00	0.00
Route 2 - Norboro/Kensington	2.85	0.00	0.00	0.00	2.33	0.00	2.85	0.00	0.00	0.00
Route 2 - Summerside	0.67	0.30	0.30	0.00	0.57	0.00	0.67	0.30	0.00	0.30
Route 2 - Miscouche	3.32	0.00	0.00	0.00	2.10	0.00	3.32	0.00	0.00	0.00
Route 2 - Portage	1.07	0.25	0.25	0.00	0.90	0.00	1.07	0.12	0.00	0.12
Route 2 - Carleton/ Woodstock	3.04	0.00	0.00	0.00	3.04	0.00	3.04	0.00	0.00	0.00
Route 2 - Tignish	2.81	0.00	0.00	0.00	1.19	0.00	2.81	0.00	0.00	0.00
Route 6 - Clinton	3.50	0.00	0.00	0.00	3.50	0.00	3.50	0.00	0.00	0.00
Route 6, 224 & 254 - Stanley Bridge Roundabout	0.45	0.10	0.10	0.00	0.10	0.00	0.45	0.10	0.00	0.10
Summerside Curbing and Storm Sewer	0.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Borden Avenue	0.90	0.00	0.00	0.00	0.00	0.00	0.90	0.00	0.00	0.00
Co-op Lane, North Rustico	0.15	0.15	0.15	0.00	0.15	0.00	0.15	0.15	0.00	0.15
Totals	27.76	2.33	2.33	0.00	21.28	1.55	27.58	2.20	0.00	2.20

Note: 1) Summerside Curbing and Storm Sewer was a storm sewer project.

2) Guardrail: Approximately 2.0 km were installed at various locations throughout the Western Region.

Eastern Region - Highways & Bridges

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Rte 4 - Brudenell/Montague	2.65	0.00	0.00	0.00	0.00	0.00	2.65	0.00	0.00	0.00
Rte 15 & 220 - Brackley	0.56	0.56	0.56	0.00	0.00	0.56	0.56	0.56	0.00	0.20
Route 2 - Tracadie (passing lane)	1.60	1.60	1.60	0.00	0.00	1.60	1.60	1.60	0.00	0.64
Route 2 - Farmington	1.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00
Route 2 - Marshfield	1.40	0.00	0.00	0.00	1.40	0.00	1.40	0.00	0.00	0.00
Route 5 & 22 - Baldwin Road (Rural Roundabout)	0.40	0.40	0.40	0.00	0.00	0.40	0.40	0.40	0.00	0.00
Route 4 - Primrose	1.20	0.00	0.00	0.00	0.00	0.00	1.20	0.00	0.00	0.00
Kinlock Road	0.40	0.10	0.10	0.00	0.00	0.10	0.40	0.10	0.00	0.10
Route 2 - Mount Herbert (Turning Lane)	0.55	0.55	0.55	0.00	0.00	0.55	0.55	0.55	0.00	0.40
Route 4 - Murray River	0.25	0.25	0.25	0.00	0.00	0.25	0.25	0.25	0.00	0.00
Route 15 - Brackley Left Turn Lane	0.40	0.10	0.10	0.00	0.00	0.10	0.40	0.30	0.00	0.21
Route 25 - York Storm Sewer	0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	10.58	3.56	3.56	0.00	2.40	3.56	10.41	3.76	0.00	1.55

Note: 1) Guiderail - Approximately 3.4 km were installed at various locations throughout the Eastern Region.

Eastern Region - Shoreline Protection

	Kms	Grade	Gravel Base	Asphalt RAP	Asphalt Levelling	Asphalt Base	Asphalt Seal	Recon-struction	To Be Sealed	New Pavement
Souris Seawall	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Totals	0.22	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 162,856.06 tonnes of asphaltic concrete was produced in 2015. 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 inspections were carried out at each of the seven plants to control the quality of the mix produced. A total of 519 asphalt mix samples were collected and analysed for compliance with Department Specifications. This resulted in a testing frequency of one test for every 313.79 tonnes of asphalt mix produced. A total of 286 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	690
Sieve Analysis Extractions	577
Specific Gravity	67
Soundness	22
Abrasion	11
Crush Count	12
Sand Equivalent	12
Flat & Elongated Particles	12
Uncompacted Voids Fine Agg Aggregate	8
Micro-Deval	22

In addition, 20 Marshall and Superpave mix designs were carried out to determine aggregate proportions and optimum asphalt cement contents. Also, 27 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 20 samples were taken.

Type of Test	No. of Tests
Specific Gravity	20
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 368 samples were processed during the year.

Type of Test	No. of Tests
Sieve Analysis	368
Moisture-Density	40
Compaction Test	2,090
Specific Gravity	8

Ice Control

Materials Lab staff provided inspection and testing services for the production of winter sand used by the Highway 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 343 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 168 samples were obtained from fifteen different projects. Gradation analysis and insitu moisture contents were determined for all samples. In addition, 14 atterberg limit tests, 20 hydrometer analysis and 20 organic indicator tests were performed.

Concrete

Testing and inspection services were provided for the following Projects:

Arlington Bridge Structure Replacement	Bagnall's Pond (Hunter River) Structure Replacement
Carragher's Pond Structure Replacement	Clinton Rte. 6 Bridge Structure Replacement
Co-op Lane North Rustico	Howlan Bridge
Huntley Bridge	Inverness Bridge Structure Replacement
Iona Bridge Replacement	Island Waste Watch - Dingwells Mills
Kelly Drive, Miscouche Sidewalk and Sewer	Kinlock Road - Stratford
Milton Bridge Structure Replacement	Northam Bridge Structure Replacement
Oyster Bed Bridge Structure Replacement	Rosebank Bridge
Route 1 Tryon West	Route 4 - Murray River
Route 5 & 22 Baldwin Road	Route 6, 224, 254 Stanley Bridge Roundabout
Souris Bridge Replacement	Tyne Valley Bridge

A total of 316 concrete test cylinders were tested for compressive strength. A total of 406 slump tests and air content tests were performed. In addition, there were 13 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 2, Souris Bridge (K1-004)	Carry over work (asphalt)
Montague Central Street Bridge	Carry over work (asphalt)
Rte 206, Iona Bridge (Q4-013)	Carry over work (asphalt)
Rte 2, Rosebank Bridge (P1-072)	Carry over work (asphalt)
Rte 143, Howlan Road Bridge (P1-013)	Carry over work (asphalt)
Rte 167, Allen Road Bridge (P2-007)	Carry over work (asphalt)
Rte 131, Arlington Bridge (P3-039)	Carry over work (asphalt)

Bridge	Work Completed
Rte 152, Huntley Bridge (P1-043)	Structure replacement and asphalt
Rte 6, Clinton Bridge (Q1-055)	Structure replacement and asphalt
Rte 1, Tryon, New Bridge Structure	Design, tender, structure replacement, and asphalt
Rte 248, Milton Bridge (Q2-040)	Design, tender, structure replacement, and asphalt
Rte 2, Inverness Bridge (P2-045)	Design, tender, structure replacement, and asphalt
Rte 224, Bagnall's Pond Bridge (Q2-029)	Design, tender, structure replacement, and asphalt
Rte 223, Oyster Bed Bridge (Q3-002)	Geotechnical investigation, topo survey, design, tender, structure replacement, and asphalt
Rte 244, Carragher's Pond Bridge (Q2-009)	Geotechnical investigation, topo survey, design, tender, structure replacement, and asphalt
Rte 132, Northam Bridge (P2-005)	Geotechnical investigation, topo survey, design, tender, and structure replacement
Cascumpec Fisheries Launch Site	Topo survey, design, tender, and installation
Rte 13, Kelly's Cross Bridge (Q1-009)	Geotechnical investigation, topo survey, design, and tender
Rte 12, Cascumpec Bridge (P1-015)	Design and tender
Rte 158, Harper Road Bridge (P1-081)	Geotechnical investigation, topo survey
Rte 151, Center Line Road Bridge (P1-062)	Geotechnical investigation, topo survey
Rte 40266, Marchbank Road Bridge (P1-075)	Geotechnical investigation, topo survey
Rte 177, St. Raphael Bridge (P3-024)	Geotechnical investigation, topo survey
Rte 110, Cairns Road Bridge (P4-044)	Geotechnical investigation, topo survey
Rte 109, South Freetown Bridge (P4-018)	Geotechnical investigation, topo survey
Rte 6, Margate Bridge (P4-014)	Geotechnical investigation, topo survey
Rte 25, York Bridge (Q3-024)	Geotechnical investigation, topo survey
Rte 17, Graham's Pond Bridge (K5-004)	Geotechnical investigation, topo survey

PRE-CAST STRUCTURE PURCHASE

The Department developed and issued a tender for the supply of 9.1 metre long precast concrete arch spans to be incorporated as part of future bridge replacements.

TIMBER MATERIAL PURCHASE

The Department did not procure any 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 109 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-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:

- Multi-Plated Steel Arches
- Timber Boxes
- Concrete Bridge/Timber Extensions
- Sectional Concrete Boxes
- Steel Sheet Piling Bridges
- Timber Pile Bridges
- Steel Pile Bridges
- Corrugated Steel Pipes
- Timber Crib Bridges
- Timber Catch Basins
- Timber Driveway Boxes
- Concrete Span Bridges
- Steel Span Bridges

Bridge Maintenance is comprised of several components:

- Inspection Crew - The crew operates on a three-year schedule rotating between the three counties inspecting approximately 400-500 smaller structures each season.
- Bridge Yard Inventory Crew - Responsible for inventory control for the materials being sent to the various projects across the Island.
- Boom Truck - Responsible for transporting the construction materials to the maintenance crews and construction sites.
- Construction Crews - Six crews are responsible for the yearly maintenance work carried out by the Bridge Section.
- Bridge Management - Duties include overseeing and organizing the schedules of the Bridge Maintenance Staff.
- Administrative 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

The Design Section provided some or all of the following services for at least 30 projects during the fiscal year: preliminary planning design, detailed design, issued for review, tender, and construction drawings, pre-tender estimates, and post-construction quantities. All incoming electronic survey data provided by the Department's Survey Section were reduced and verified for accuracy prior to preparing further design work. Preliminary or detailed design work was carried out for the following highway construction projects:

Route Number	Area of Design Work Done
Route 1 - Trans Canada Highway	<ul style="list-style-type: none">• Tryon, Phase 2, Realignment and Reconstruction, Complete Design and Issued for Tender and Revised Construction Drawings• Mount Mellick, Realignment and Reconstruction, Complete Design and Issued for Tender Drawings
Route 1A	<ul style="list-style-type: none">• Central Bedeque Left Turn Lanes and Route 10 Intersection Realignment Complete Design and Issued for Tender Drawings

Route Number	Area of Design Work Done
Route 2	<ul style="list-style-type: none"> • Tracadie Cross Passing Lane, Design Revisions and Construction Drawings • New Annan, MacIntyre Road Right Turn Lane, Preliminary Design • Portage Left Turn Lane, Detailed Design and Issued for Tender Drawings
Route 4	<ul style="list-style-type: none"> • Bridgetown Widening and Reconstruction Detailed Design and Tender Drawings • Murray River Realignment, Design Revisions and Issued for Construction Drawings
Route 5	<ul style="list-style-type: none"> • Baldwin Road Rural Roundabout, Design Revisions and Issued for Construction Drawings
Route 6	<ul style="list-style-type: none"> • Stanley Bridge Mini Roundabout, Design Revisions and Issued for Construction Drawings • New London, Superelevation Design and Checks for Cold Plane, Level, and Seal project
Route 15	<ul style="list-style-type: none"> • Brackley Government Depot Left Turn Lane, Detailed Design and Issued for Tender Drawings
Route 25	<ul style="list-style-type: none"> • Covehead Road Ditch Infill and Storm Sewer Detailed Design and Tender Drawings
Route 124	<ul style="list-style-type: none"> • Wellington, Storm Sewer, Preliminary Design
Miscellaneous	<ul style="list-style-type: none"> • Alberton Lagoon, Poplar and Argyle Street Storm Sewer Detailed Design • Souris Beach Sea Wall Layout and Planning Options • Miscouche, Kelly Drive Storm Sewer • Cascumpec Fisheries Launch Site, Access Road and Parking Lot Detailed Design • Souris, MacPhee Avenue, Preliminary Design • Abram Village Storm Sewer and Sidewalks Detailed Design • Bonshaw Day Park, Layout and Planning Options • Tyne Valley, Manor Access • Kinross Trail, Drainage Design • Bloomfield Corner Roundabout Preliminary Design • Beach Road Grand Tracadie Parking Lot and Drainage Plan • Kinlock Road, Home Hardware Access Detailed Design and Construction Drawings • Mount Albion, Route 1 and Route 5, Preliminary Design Options • Kings County Sand Pile Volume Calculations • Post-Construction Excavation Volumes and other Quantity Calculations for Various 2015 Construction Projects • Horizontal Centerline Geometry and Paint Line Layouts for Various Mill and Overlay Projects

TRAFFIC OPERATIONS MANAGEMENT SECTION

The Traffic Operations Management Section, within the Capital Projects Division, administers and manages the resources and services for the primary information systems used in the Department's transportation planning activities. This section is responsible annually for the operations of the ITMS-Integrated Traffic Monitoring System, the WIM - the Provincial Weigh-In-Motion Information System, and the Pavement Management System named PCMS - Pavement Condition Monitoring System.

Pavement Condition Monitoring System - PCMS

Surface distress data were carried over from the previous fiscal year. The data was collected based on nine distress attributes for the National Highway System and Community Connectors. Data from these nine distress attributes are used to calculate a Surface Distress Index (SDI) for each of the various highway sections within the 1,305 kilometres network managed by the Capital Projects Division. This SDI value, which provides a relative value of pavement condition is available to the Division as an aid in the Capital Construction Planning Process. Other data available for use in the Capital Programming includes traffic volume data, intersection counts and vehicular collision data.

Weigh In Motion System - WIM

The Weigh-In-Motion system collects vehicle weight, speed, and vehicle classification data. The section currently operates and maintains two fully functional monitoring sites in the province. These sites are located on Route 2 in Hunter River/Springvale and Richmond. Three other sites located on the TCH in Tryon, Route 1A in Middleton and Route 2 in Bedford require repairs or rebuilding to become operational. The data obtained from these WIM sites can be used to determine ESAL's (equivalent single axle loads) per truck which in turn may be used for structural design of our highways. This database is also used to make estimates of vehicle type breakdown for the ITMS traffic system.

Integrated Traffic Monitoring System

This section continues to maintain and analyse data from 12 permanent count sites, approximately 120 temporary count sites and the two WIM sites. On an annual basis, additional equipment (Archer Counters with pneumatic road hoses) is set up at 30 to 40 sites (permanent or temporary sites noted above) for a period of eight days annually to conduct vehicle classifications. The department also carries out a number of intersection turning movement surveys across the province on an annual basis during a 14-week period in the summer months. The data from all of these monitoring sites continues to feed the ITMS information system, and annually creates a master traffic profile for the almost 3,500 kilometres of provincially numbered highways.

A typical counter site consists of wire loops imbedded in the asphalt of each lane. The wires are brought to the shoulder of the road at a common location and eventually to an electrical post at the edge of the right-of-way where the connection to the counter is made. These sites are often replaced during road reconstruction. Loops were reinstalled at Mount Stewart, Marshfield, Norboro, St. Nicholas, Harper, Clinton, Ellerslie, Seven Mile Bay, and Pooles Corner sites this year, loops were repaired at many other locations.

The Department hired one new labourer to join three returning labourers for the summer season to carry out the Intersection Turning Movement Count program. The individuals performed the duties well and have been recommended for rehire for the following year. Maintaining the same casual staff year to year is a benefit to this program as it helps to maintain consistency. These manual traffic surveys are carried out for 10 hours a day, four days a week. The field data is keyed to PetraPro software to generate turning movement study report for each intersection by office staff, stored and available for analysis as an intersection (or other traffic facility) design tool. The crew carried out 99 intersection counts during their 14-week term.

Provincial Highway Traffic Growth

The table below shows the Department's permanent traffic volumes monitoring sites and their respective 2014 and 2015 AADTs - Annual Average Daily Traffic figures, meaning two-way traffic for an average 24-hour day of the year. These AADT values are maintained by the calendar year and not the fiscal year which ends on March 31st of the following year. Only these sites are used to calculate the provincial traffic growth rate, because only these sites monitor traffic constantly, all year long - except for machine failure. The provincial traffic growth rate for 2015 shows an increase of 2.09 % over the previous year (solely based on the permanent traffic monitoring installations). The 5-year and 10-year annual growth rates, based on all permanent counter sites, are 0.56% and 0.78% respectively.

2014 - 2015 Comparison Annual Average Daily Traffic Table

Annual Average Daily Traffic - AADT			
Monitoring Sites	2014	2015	Annual % Change
Tryon (001:02)	4,419	4,649	5.20
North River (001:07)	22,176	22,447	1.22
Hillsborough Bridge (001:11)	32,715	33,023	0.94
Cherry Valley (001:12)	7,052	7,353	4.27
Marie (002:04)	2,548	2,625	3.02
Pleasant Valley (002:13)	6,255	6,332	1.23
Richmond (002:17)	5,269	5,432	3.09
Cavendish (006:09)	1,875	2,028	8.16
Milton (007:01)	1,994	2,149	7.77
O'Leary (142:03)	1,460	1,486	1.78
Confederation Bridge	4,070	4,200	3.19
Albany (01A:01)	3,492	3,551	1.69
Total	93,325	95,275	
Annual average provincial traffic growth for 2015 (as a % growth over 2014)			2.09

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 3,800 kilometres 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 kilometres 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 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 to this, 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 department striping truck and the shoulder lines were applied by the smaller department striping truck. Centerline marking was applied to approximately 800 kilometres of existing highway, and 26 kilometres of asphalt resurfacing, and 11 kilometres of new construction. Shoulder lines or edge lines were painted on approximately 200 kilometres 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 Waite's Electric and Hansen Electric in Prince and Queens Counties. Area lighting in the region was improved by installing LED fixtures which replaced the high pressure sodium fixtures on Route 1, Route 1A, and Route 2.

New LED Lighting was also installed at the Albany Y, new roundabout in Stanley Bridge and improved intersections in Portage (Route 2 and Route 12), and in Tryon on Route 1. 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

The Sign Shop continued to produce highway signage for the Island. The Sign Shop has two full-time classified positions. 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

	Prince County	Queens County	Kings County
Public Road Names	115	49	68
Private Road Names	10	22	21
Regulation and Warning	1,469	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 2015/16, the Mapping and GIS-T section was involved in a number of on-going and new initiatives. There continued to be two staff members assigned to work in this area.

This year's work continued with the *Bonshaw Hills Public Lands Committee* with numerous maps being made to support parkland planning in the Bonshaw area. Newly developed trails measuring 14 kilometres were GPS field mapped and a series of directional map signs were created.

Work continued in support of the Department's highway pavement management application. Pavement roughness data for 2015 was formatted for incorporation into the application as well as 2014 highway paving projects and highway alignment changes.

Field mapping of guardrail locations proceeded into Prince County this year as part of an inspection and condition project. Location data and inspection data for all guardrails were joined into one GIS layer and now will be accessible online.

Further effort was made to develop a GIS database of the Highway Access Regulations (HARs). Prior investigations confirmed/determined what levels of maintenance roads received. This year, additional work was completed interpreting and coding the existing HARs within the GIS so that both the prior investigations and the official regulations can be analyzed together.

Preliminary implementation testing was undertaken in regards to accessing TIE GIS data with mapping applications on smart devices. The use of this mobile technology will enable more efficient tracking and maintenance of highway assets and provide better access to data.

A set of nine Island maps, comprised of different themes, were designed and prepared by request from the Premier's office. The map themes were: *Hydrology and Natural Areas*; *Relief, Land Use*; *Fisheries and Bathymetry*; *Transportation and Energy*; *Population Density*; *Local Government*; *Electoral* and an adaption of Holland's 1775 map of *The Island of St. John*. The maps were displayed in a reception area for aesthetics as well as for educational and conversational opportunities. They also serve to showcase provincial mapping.

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 is 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 operations.
 - Provision of skilled operators and equipment operations.
- Confederation Trail Maintenance
 - Maintenance and superintendence of all maintenance carried out on 444 kilometres 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. the 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	\$25,360	---
ADS Canada Inc.	---	\$496,747
Campbell's Concrete	---	\$175,273

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

Pipe Diameter	Central Region	Western Region	Eastern Region
<i>Corrugated Steel</i>	(Metres)	(Metres)	(Metres)
300 mm	0	6	25
400 mm	0	0	15
500 mm	21	18	0
600 mm	8	15	0
800 mm	0	6	24
900 mm	0	0	0
1200 mm	0	0	0
Total	29	45	64
<i>Polyethylene</i>	(metres)	(metres)	(metres)
300 mm	8	39	3
375 mm	1,148	945	559
450 mm	1,458	1,236	626
525 mm	129	0	89
600 mm	570	945	534
750 mm	292	319	27
900 mm	250	101	37
1200 mm	96	27	36
1500 mm	0	0	0
Total	3,941	3,664	1,911

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	1,579	951	397
Replacement	1,762	1,810	1,252
Extension	128	47	56
Cross Culvert	573	686	246

Type of Installation	Central Region (metres)	Western Region (metres)	Eastern Region (metres)
Confederation Trail	48	209	0
Water Problems	30	6	0
Relocate	0	0	27
Total	4,120	3,709	1,978

*NOTE: Figures do not include culverts acquired by and installed by Capital Projects.

Used Corrugated Steel Pipe

The Division continues to follow policy developed for re-sale/re-using culverts to bridge various wood lots, farms and private home entrance ways. With the use of polyethylene pipe and the City of Charlottetown doing their own work, the availability of used pipe in acceptable condition for re-sale or re-use is becoming limited.

Crack Filling

This is a process whereby a hot rubberized asphaltic compound is used to fill random cracks in the paved highway system in order to prevent water from entering into the substructure. In 2015/16 the Department sealed approximately 37,615 metres of cracks, using a total of 14,200 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 240 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

Hot mix asphalt for patching crews was available from mid-May to the second week in October. A total of 11,792.91 tonnes was used for repairing the Province's paved road network in the Eastern Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,083.43 tonnes. Private contractors supplied/placed 8,709.48 tonnes of asphalt over 12.04 kilometres.

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

SUPPLIER	TONNES
Island Construction Ltd.	2,650.74
Chapman Brothers	9,142.17
Total	11,792.91

Resurfacing

The following roads were re-surfaced by private contractors, Chapman Brothers and Island Construction, through supply and place contracts for a total of 12.04 kilometres:

Kings Zone K-1 - Chapman Brothers

Road Name	Kilometres
Line of the Lot Road	1.20
Longaphie Lane	0.51
Souris Line Road	0.61
Total Kms	2.32

Kings Zone K-2 - Chapman Brothers

Road Name	Kilometres
Aberdeen Road	0.41
Bangor Road	0.66
Cable Head East	1.00
Fanningbrooke	0.65
Total Kms	2.72

Kings Zone K-3 - Island Construction

Road Name	Kilometres
Brudenell Point	1.36
Cumberland Road	0.51
Kays Road	0.71
Queens Road	1.00
Total Kms	3.58

Kings Zone K-4 - Island Construction

Road Name	Kilometres
Lower Montague	1.81
Murray Harbour South	0.60
Wood Islands Shore Road	1.01
Total Kms	3.42

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 408 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 1,157 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	GRAVEL	ROCK (t)
4111	11776	78

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 281 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 99,240 litres was used to treat approximately 72 kilometres of road.

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

Kings Zone K-1 Eastern Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bull Creek							0.50
Chad Road		0.50					
Church Road				0.04			
East Road, Little Harbour		0.50					
Eglington Road	0.10						
Elmira Road				0.02			
Fortune Road							0.30
Fortune Wharf - Beach Rd			0.08				0.04

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Fortune Wharf Road				0.03			
Glen Road			0.03				
Hermitage Road							0.02
Little Harbour - Beach Rd	0.35						
Little River Road							0.20
Manning Road	0.30	0.30					
Mill Road	0.05						
Naufrage Road							0.40
North Side Road					0.05		
Park Road	0.45	0.68					
Souris Line Road	0.03			0.60	0.40		
St. Catherines Road		0.90					
West Tarantum Road							0.05
Total	1.28	2.88	0.11	0.69	0.45	0.00	1.51

Kings Zone K-2 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Anderson Road							0.20
Bennett Road		0.50					0.20
Big Lot Road		0.50					
Brynes Road				0.20	0.20		0.10
Cable Head West					0.20		
Canavoy Road		1.00					0.20
Church Road		0.30			0.30		0.30
Clay Road		0.30					
Crank Road			0.20				
Curtis Road		0.20					0.20
Farmington				0.50			

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Fort Augustus Road				0.40			0.20
Green Meadows Road				0.20	0.20		0.30
Head of Hillsborough							0.30
Indian Road					0.10		0.20
Kenovan Road							0.20
Klondike Road			0.20				0.30
MacEwen Road			0.50				0.20
MacLaren Road			0.20				0.20
MacLeod Road		0.30			0.80		
MacSwain Road		0.20					
Milburn Road					0.20		
Morell East Road					0.20		
Pope Road							0.20
Pratt Road							0.70
River Road		0.30			0.60		
Scully Road			0.20				0.20
St. Patricks Road		0.20					
St. Peters Harbour							0.10
Strathcona Road				0.20			
Windon Road		0.30					0.20
Total	0.00	4.10	1.30	1.50	2.80	0.00	4.50

Kings Zone K-3 Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Alleys Mill Road				0.20			
Beach Road		1.00					
Brothers Road						0.30	
Collins Road		0.50					
Cumberland Road				0.50			

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
48 Road					0.10		
France Road Extension							0.20
Georgetown Road					0.13		
Green Road			0.10				
Hazlegreen Road			0.20				
Kayes Road				0.70			
Launching Road					0.10		
Lighthouse Road			0.08				
Long Wharf Road		0.10					
Lorne Valley Road		0.15					
Old Mt. Stewart Road			0.50				
Park Road							0.40
Power Road		0.50					
Seven Mile Road				0.80			
St. Georges Road		0.60					
Wodville Road							0.10
Totals	0.00	2.85	0.88	2.20	0.33	0.30	0.70

Kings Zone K-4N Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
A.A. MacDonald Highway				0.30		0.20	
Campbell Road							0.20
Central Street (Langley Rd)		0.20					
Crescent Lane							0.10
Dalmaney Road							0.20
French Creek							0.20
Heatherdale, Route 316				0.50			0.50
Katies Lane		0.50					
Loane Road		0.20			0.30		
Lower Montague Road					0.10		2.00
Main Street, Montague						0.20	

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Mellish Pond Road						0.05	
Old Sturgeon Wharf Road	0.20						0.20
Peardon Road							0.20
Queens Road				0.50			
Robertson Road				0.50			
Roma Point		2.00					
St. Andrews Point				0.50			
Sturgeon Rd, Route 17							2.00
Thornton Road	0.20				0.05		2.00
Whim Road							1.00
Wood Islands Road					0.20		0.50
Total	0.40	2.90	0.00	2.30	0.65	0.45	9.10

Kings Zone K-4S Eastern Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Black Brook Road	0.10						
Blues Road	0.10						
Dover Road							2.00
Girl Guide Camp Road		0.30					
Gladstone Road							0.50
Guernsey Cove Road		1.80				0.20	
MacFarlane Road			0.10				
Milltown Cross							0.50
Munns Road							0.50
Murray Harbour North							1.00
Murray River							0.50
Peters Road, Alliston					0.20		
Peters Road							1.00
Pioneer Cemetery Road							0.50

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Reilly Lane		0.20					0.50
Wood Islands Road				0.50			2.00
Total	0.20	2.30	0.10	0.50	0.20	0.20	9.00

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 the highway system as safe as possible for the motoring public. To achieve this end, the following was used: There were 5,101 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The Region also purchased 1,681 tonnes of salt to blend with its winter sand. The Region purchased 29,871.00 tonnes of blended sand. This blended material consisted of a mixture of six percent salt, 30 percent imported sand (1/4" minus stone) and 70 percent local sand. This material was stored at seven sites throughout the Region. No additional tonnes of blended sand (reserve) was required to re-charge the winter sand piles during the 2015-2016 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 their first year of their four-year contract. In addition, six department trucks were utilized to provide service to various locations throughout the County.

Snowfall Records

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

Recorded (cm)	
Alliston	Kingsboro
265.0	202.8

Snow Fence Report

The Department installed approximately 4,649 metres 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	Kms Plowed
Chapman Brothers	155.60
G & P Trucking	97.20
Kenny's Backhoeing	99.70
Kings County Construction Ltd.	104.80
Total	457.30

The Department was responsible for plowing, sanding and salting 691 kilometres of highway. To this end, 23 plow routes and one snow blower area currently exist.

The Department was responsible for plowing, sanding and salting 691 kilometres of highway. To this end, 23 plow routes and one snow blower area currently exist.

Below, is the breakdown of the kilometres for which the Department was responsible for plowing, sanding and salting:

Location	Kms	Graders	Blowers	Loaders	Truck
South Lake	23.80	X			
Bayfield	27.70	X			4 x 4
St. Charles	36.00				4 x 4
Forest Hill	24.30	X			
Morell	37.80				4 x 4
48 Road	28.00				tandem combination
St. Teresas	28.40				4 x 4
Bridgetown	28.90				tandem combination
Georgetown	32.40				tandem combination
Annandale	28.90				4 x 4
Strathcona	21.50	X			
Cardigan	36.50				tandem combination
St. Georges	34.20				tandem combination
Montague	8.20				tandem combination
Whim Road	36.80				tandem combination
Murray River	41.90				tandem combination
Morell East	31.20				tandem combination
Guernsey Cove	33.70	X			
Hopefield	39.10				4 x 4
Gaspereaux	39.80				tandem combination
Souris (includes streets salted)	28.00				tandem combination
Cardigan (includes areas sanded)	33.20				tandem combination
Murray River (streets)	10.70			X	
Total	691.00	5		1	

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

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 for repairing the Province's paved road network in the Central Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,625.71 tonnes. Private contractors supplied/placed 21,382.86 tonnes of asphalt over 28.25 kilometres.

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

SUPPLIERS	TONNES
Curran & Briggs Ltd.	6.83
Chapman Bros.	4,781.93
Island Construction Ltd.	15,513.03
M & M Resources	4,706.78
Total	25,008.57

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

Queens Zone Q-1

Road Name	Kilometres
Selkirk Road	1.00
Village Green Road	0.35
Monaghan Road	1.00
Orwell Cove Road	0.90
Total Kms	3.25

Queens Zone Q-2

Road Name	Kilometres
Battery Point Road	0.90
Aintree Drive	0.40
Clearview/Nottingham Drive	0.95
Dorothy Avenue	0.40
Isleview Drive	0.23
Bethel Road	1.06
Ings Road	0.10
Mount Herbert Road	0.32
Total Kms	4.36

Queens Zone Q-3

Road Name	Kilometres
Winsloe Road	1.00
Crooked Creek Road	1.00
Crabbe Road	0.28
Blooming Point Road	2.00
Union Road	2.89
Eastern Road	1.32
Queens Point Road	0.78
Mill Road	1.06
Suffolk Road	0.70
East Suffolk Road	1.21

Queens Zone Q-4

Road Name	Kilometres
Maplewood Road	1.00
Colville Road	0.63
LaCardy Drive	0.26
Penzie Lynn Drive	0.16
James/MacArthur Drive	0.79
Lorrie Drive	0.19
Keri Drive	0.17
Eliot Drive	0.33
Hilltop Drive	0.51
Kellow Drive	0.12

Road Name	Kilometres
French Village	0.66
McCannell Road	0.51
Total Kms	13.41

Road Name	Kilometres
MacKinley Drive	0.62
Total Kms	4.78

Queens 5

Road Name	Kilometres
Route 13, New Glasgow	0.99
Junction Road	0.52
Church Road	0.60
St. Patricks Road	0.34
Total Kms	2.45

Bush Cutting

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

Road Maintenance

During the year, graders were used to scrape and maintain the unpaved road network. In some cases, roads were also ditched and loaders and trucks (department and privately-owned) were used to haul away unsuitable material.

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

Sandstone (m3)	Sandstone (t)	Gravel (m3)	Gravel (t)	Rock (t)
14,268	16,439	42	10,212	997

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 309.30 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, four 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 106 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 327,542 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

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
48 Road	2.20			2.20			
Angus J. MacLean Road							1.50
Avondale Road							2.60
Centre Road		0.10					
East Uigg Road			0.10				
Gairlock Road							2.00
Gay Road							0.70
Gillis Road		0.10					
Greys Road							1.00
Iona Road							2.00
MacAulays Wharf Road		0.20	0.20				0.10
MacPhail Park Road		0.10	0.20				
Monaghan Road							1.90
Murray Harbour Road							1.50
Orwell Cove Road				0.40			0.40
Point Prim							0.70
Pownal Road							1.00
Queens Road							0.20
Roseberry							1.00
Route 3, Alberly Plains							0.80
Seal River Road			0.40				
Selkirk Road							1.00
Trans Canada Highway		4.00		4.00	0.50		2.10
Vernon River Road							1.00
Village Green			0.20				0.30
Total	2.20	4.50	1.10	6.60	0.50	0.00	21.80

Queens 2- Central Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bethel Road				1.50			1.00
Bunbury Road				1.00			0.50
Charlottetown Bypass					0.30		
Duffy Road							0.25
Fort Augustus Road				4.00			6.00
Gay Road				0.75			0.20
Higgins Road							0.30
Keppoch Road					0.20		0.30
Marion Drive						0.10	
MacEachern Road							0.50
MacLennan Road							0.25
McKenna Road							0.75
Mt. Herbert Road							0.10
Power Road							0.25
Pownal Road				1.50	0.60		
Rifle Range		0.75			0.20		
Teahill Road							0.10
Upper Teahill Crescent							0.25
Total		0.75		8.75	1.30	0.10	10.75

Queens 3 - Central Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Afton Road		1.00			1.00		0.20
Beach Road							0.10
Bedford Road				2.00			
Black River Road				0.50		0.50	
Bob Laird Road				0.30			
Brackley Point Road				0.10			0.10
Covehead Road				0.30			0.20
Donaldston Road				0.20			0.10

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Ebenezer Road				0.30			0.10
Fort Augustus Road							0.10
Frenchfort Road				0.20			
French Village			0.20				0.20
Garland Road							0.10
Hardy Mill Road				0.20			
Kilkenny Road							0.20
Lorne Lane	0.20						
MacDonald Road			0.10				
MacGilivary Road		0.10	0.10				
MacMillan Point Road							0.10
Malpeque Road				0.20			
McInnis Road				0.20			
Monaghan Road							0.10
Mt. Stewart Road							0.20
Normandy Lane							0.50
Old Cardigan Road				0.30			
Pisquid Road				0.10			
Pt. DesRoches Road		1.20					
Portage Road	0.20						
Queens Point Road							0.10
Royalty Junction Road							0.20
Rustico Road							0.10
St. Peters Road							0.20
Simpson Lane	0.80						
Sleepy Hollow Road				0.40			
Union Road				0.20			0.10
Winsloe Road				0.30			
York Road				0.20			0.20
Total	1.20	2.30	0.20	6.00	1.00	0.50	3.20

Queens 4 Central Region - Maintenance Activities

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Argyle Shore Road							1.00
Baltic Road			0.30				0.10
Bannockburn Road							4.00
Bonshaw Road							3.00
Callaghan Road			0.30				
Canoe Cove Road							4.00
Colville Road				0.50			8.00
Cottage Road		0.10			0.10		
Country View Drive	0.10						
Currie Road			0.20				
Eliot River Road		0.10					
Ferguson Road	0.20						
Highland Park Road			0.30				
Hyde Point Road							1.00
Johnston Road			0.30				
Kingston Road					0.50		
Kinkora Road					0.30		
MacEachern Road West			0.20				
Maplewood Road				1.00			
McKenna Road			0.20				
Meadowbank Road							6.00
Mill Road, Warren Grove				1.00			
Mill Road, Wiltshire	0.10						
New Argyle Road							4.00
New Dominion, Route 19A				0.30	0.20		3.00
North York Point Road				0.20			
Old Post Road				0.10			
Peters Road		0.60					
Rice Point Road							5.00
Riverdale Road							6.00
Route 13							7.00
St. Catherines Road							0.20
Todd Road			0.40				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Upper Meadowbank Road							2.00
West River Road					0.30		
Wharf Rd, Nine Mile Creek	0.10		0.10				
York Point Road				0.20			
Total	0.50	0.80	2.30	3.30	1.40	0.00	54.30

Queens 5 Central Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Alton MacLean Road	0.15				0.90		
Breadalbane Road					0.30		
Bumble Bee Road			0.15				
Buntain Road	0.15						
Burlington Road				0.20			
Cape Road, Park Corner							3.00
Cape Road, Rustico		0.10	0.25	0.30			1.00
Cavendish Road							10.00
Centre Road					0.20		
Church Road			0.30		0.10		
Cobb Road			0.30				
Cousins Shore			0.20		0.20		
English Church				0.10			4.00
Grahams Road							6.00
Grady Road			0.15				
Harding Creek Road		0.10					
Hazel Grove Road		0.10					3.00
Howatt Road		0.10	0.10		1.50		
Irishtown Road				4.90	0.10		5.00
Junction Road	0.30						2.50
Long River East			0.15				
Marks Road							3.50
MacGregor Road	0.10						

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
MacLean Road				0.15			
McCourt Road			0.25				
Millboro Road					0.10		
Millman Road		0.10					2.00
Millvale Road	1.00	0.20	0.20				7.00
New Glasgow Road							10.00
New London Road							5.50
New Orleans							4.00
Pickering Road					0.10		
Pine Grove Road			0.20				2.00
Route 6, Clinton				0.60			6.00
Route 6, Stanley Bridge							5.00
Route 20							10.00
Route 13				0.80			9.00
Rustico Road				0.65			14.00
Smith Road	0.20						
Snowie Road		0.20	0.15		0.20		0.20
St. Patricks Road			0.15				
Toronto Road			0.40		0.20		4.50
Trout River Road		0.20					7.00
Turner Road			0.30				
Warburton Road							5.00
Weeks Road			0.20				
Total	1.90	1.10	3.45	7.70	3.90	0.00	129.20

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

There were 30,078.39 tonnes of salt purchased for salt-only and 50/50 mix for ice control. The region purchased 2,120.89 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 eight sites throughout the region. 33,105.80 tonnes of blended winter sand was purchased for use in the region.

Ice Control

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

Sanding Operations

Approximately 1,345 kilometres of secondary roads were maintained with blended winter sand/salt applications. Sanding operations were carried out by five sanding contractors using department installed hoppers and spreaders. Winter sanding contractors completed the first year of a 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 9,221.86 tonnes of salt and 857.45 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)
Alliston	265
Elmwood	243.9
Morell	230.4
New Glasgow	214.1
Charlottetown	303.6

Snow Fence Report

The Department installed approximately 11,540 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	153.98
Birt & MacKay Ltd.	92.05
M & M Resources	88.80
Island Construction Ltd.	132.18
Maritime Construction	118.05
Matheson Construction	101.21
Matheson & MacMillan	85.37
Westisle Construction	145.66
Total	917.30

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

Location	Kilometres	Graders	Blowers	Loaders	Trucks
TCH West, Charlottetown to Crapaud	32.1				2
St. Peters Road, Charlottetown to Canavoy	31.3				1
TCH East Charlottetown - Eldon	35.4				1
TCH Eldon - Wood Islands & ½ of Selkirk Rd	43.6				1
Charlottetown Bypass	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
New London, Stanley Bridge, Cavendish, Kensington & Malpeque	32.1	1			
Ebenezer, Mayfield & 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 & Upton Road	30.9				1
Stratford Road and 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 & Government buildings (salt)	8.0				1
Charlottetown Mains	29.4				2
Pownal, Crossroads, Stratford & Keppoch	32.5			1	2
Garage parking lots (Tractor/Blade used)					
Government building lots			1	2	
York Point Road to Pleasant Grove, Vessey Subdivision	11.7				1
Brackley Point, Portage & Union Road	24.4				1

Location	Kilometres	Graders	Blowers	Loaders	Trucks
Bedford Road, Eastern, Black River & section of York Road	27.3				1
Bypass	16.2				1
Central Region (used where needed)			4		
Spares		2		1	2
TOTALS	752.9	6	6	6	30

WESTERN REGION: SUMMER MAINTENANCE

Hot mix asphalt for patching crews was available from the June to October. A total of 23,996 tonnes was used for repairing the Province's paved road network in the Western Region. This asphalt was financed from the Division's operating and capital maintenance budget. Hand patching crews spread 3,858 tonnes. Private contractors supplied/placed 20,138 tonnes of asphalt over 25.99 kilometres.

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

SUPPLIER	TONNES
Curran & Briggs Ltd.	15,573.00
Chapman Brothers Construction	8,423.00
Total	23,996.00

Resurfacing

The following roads were resurfaced by private contractors through supply & place contracts resurfacing approximately 25.99 kilometres:

Prince Zone P-1

Road Name	Kilometres
Ross Corner Road	0.15
Route 10 Carleton Siding	0.60
Bedeque Road	1.00
Dickie Road	0.60
Total Kms	2.35

Prince Zone P-2

Road Name	Kilometres
Route 104 Back Margate Road	0.35
Cannery Road SpringBrook	0.70
Route 11 Linkletter	1.03
Route 135 Tandy Road	1.04
Route 165 Cannontown Road	1.04
MacIsaac Road	0.46
St. Nicholas Road	1.20
North Drive	0.64
Route 123 Belmont Road	1.50
Eddie Clark Road	0.56
Total Kms	8.52

Prince Zone P-3

Road Name	Kilometres
Mackie Road	0.29
Bideford Road	0.48
Northam Road	2.18
Route 12 East Bideford	0.60
Barlow Road	0.50
Route 12 Grand River	0.85
Route 127 Aldous Road	0.61
Route 133 Ellerslie Road	0.75
Route 166 Bideford Road	0.20
Jerry Road	0.53
O'Leary Road	1.19
Murray Road	0.56
Beaton Road	0.54
Howlan Road	0.81
Total Kms	10.09

Prince Zone P-4

Road Name	Kilometre
Royal Avenue	0.12
Gard Road	0.80
Ferry Road	0.63
Route 12 Cascumpec	0.40
Alberton Main Street	0.72
Church Street	0.55
Judes Point	0.47
Old Western Road	0.10
Norway Road	0.83
Martin Road	0.32
Total Kms	4.94

Bush Cutting

During the season, three government mechanical bush cutters cut bushes along the highway. Approximately 622.80 (2 passes) kilometres 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
20,157	19,830	1,051	516	7,009

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 838.80 kilometres of roadside grass. These contractors were contracted to cut grass from the middle of June until the end of September. In addition, department tractors were utilized for roadside grass cutting on arterial collectors and scenic drives of approximately 816.92 (two passes) kilometres throughout the Region.

Shoulder Material

During the season, shoulder material was used to upgrade and repair low sections of shoulders.

Dust Control

Maintenance crews used 28,696 litres of mixed calcium solution to control dust in along 12.65 kms of specific locations. Liquid calcium chloride was used for dust control and stabilization on gravel roads only. A total of 94,798 litres was used to treat 42.60 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
Arsenault Road	0.11						
Bedeque Rink Road			0.20				
Blue Shank Road					0.10		
Boodle Road			0.10				
Boulter Loop							5.00
Duffy Road			0.10				
Gardiner Road		0.60					
Greenan Road		0.10					
Herds Point Road			0.50		0.50		0.50
Kelly Road	0.10						
Kelvin Grove Road				0.30			
Leards Mill Road	0.11						
Lower Tryon Road							2.00
MacDonald Road			0.10				
MacMurdo Road			0.06				
Murphy Road			0.10				
Murray Road	0.20	0.20					
Route 10 Augustine Cove							1.00

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Route 10 Seven Mile Bay				3.00			
Route 225, Shamrock					0.10		
Sandy Hill Road		0.30					
Tryon Point Road							2.00
Total	0.52	1.20	1.16	3.30	0.70	0.00	10.50

Prince Zone P- 2 Western Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Belmont				1.50			
Belmont Park Road						0.20	
Clermont Road					0.08		
County Line Baltic							1.00
County Line North		1.10					
Crafer Road							1.60
Crowley Road							1.40
Cunningham Street					0.20		
Ferry Road Lot 16					0.30		
Flag Pond Road					0.20		
Ives Point Road		0.70					
Irishtown Road					0.10		
Memory Lane					0.15		
Murphy Road					0.15		
North Drive				0.50			
Old Tory Road					0.40		
Prince Town Road		0.50					
Route 2 St. Eleanors					0.10		
Route 2 Wellington Center					0.30		
Route 11 Abram Village						0.30	

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Route 11 Harmony Road					0.30		
Route 11 Linkletter				1.00		0.30	
Route 11 Mont Carmel					0.10		
Route 12 Miscouche					0.20		
Route 20 Indian River					0.33		
Route 124 Abram Village						0.40	
Route 124					0.40		
St. Nicholas				1.10			
Thunder Cove		0.50					
Total	0.00	2.80	0.00	4.10	3.31	1.20	4.00

Prince Zone P- 3 Western Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Bannerman Road		0.50					
Bay Road			0.30				
Burleigh Road		0.10					
Coughlin Road		0.40					
Cunnigham Road		0.10					
Ellerslie Road Route 133				0.80			
Ellis Road		1.00					
Finnan Road		0.20					
Frederick Cove Road		0.10					
Gorman Lane		0.20					
Grand River Route 12				0.80			
Hutchinson Lane		0.10					
Mt Misery		1.20					
Murray Road		0.80					
Northam Rd Route 132				0.90			
O'Leary Road Route 142				1.00			
Route 138 Alaska			0.40				
Smallwood Road			0.50				

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Smith Road		0.80					
Willie Birch Road		0.40					
Total	0.00	5.90	1.20	3.50	0.00	0.00	0.00

Prince Zone P- 4 Western Region - Maintenance Activities

	in kilometres						
Road Name	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Botts Road	0.30		0.22		0.85		
Brennan Road			0.14				
Butcher Road					0.56		
Centerline Road					0.42		
Christopher Road		0.22					
Clark Road					0.14		
Deblois Road		0.59					
Dock Road					0.30		
Doyle Road		0.27					
Fitzpatrick Road			0.32				
Foye Road		0.10					
Gaudet Road		0.72					
Gibbs Creek Road	0.15						
Greenmount Road							0.35
Haliburton Road					0.20		
Howlan Road					0.13		
Jerry Road				0.50			
Joe Pete Road			0.19				
Kent St. O'Leary					0.14		
Martin Road					0.16		
Metheral Road					1.22		
O'Leary							
O'Leary Road					0.12	0.10	
Old Martin Road					0.33		

Road Name	in kilometres						
	Millings	Gravel	Shale	Shoulders	Ditching	Tap Drains	Bush Cutting
Old Palmer Road					0.14		
Palmer Road North					0.63		
Piusville Road		0.12	0.10				
Reserve Road			0.12				
Route 12 Kildare							0.70
Route 14 Miminegash					0.14		
Route 14 Pleasant View						0.26	0.26
Route 14 Roseville					0.16		
Route 14 Waterford						0.15	0.15
Wells Road		0.23	0.10				
Total	0.45	2.25	1.19	0.50	5.64	0.51	1.46

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: 7,562.13 tonnes of salt were purchased for salt-only and 50/50 mix for ice control, 2,082.90 tonnes to blend with its winter sand. The 34,715 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, 1/4" 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 1,422.33 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 four government sand trucks. Winter sanding contractors completed the first year of a four-year contract.

Snow fall Records

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

Location	Recorded (cm)
Summerside	185.1
Tignish	250.8
Tyne Valley	217.95

Snow Removal Contracted Services

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

Contractor	Kms Plowed
101364 PEI Inc.	98.96
AJL Ltd.	90.39
Clearview Construction	163.43
Curran & Briggs Ltd.	197.44
Duffy Construction	156.43
Matthew's Lime Spreading	87.35
Northern Enterprises Ltd.	88.51
Island Coastal West	173.59
Tri-Mix	99.52
TOTAL	1155.62

The Department was responsible for plowing 456.41 kilometres of highway. To this end, 17 plow routes were established. The following equipment was assigned and located as follows:

Location	Kms.	Graders	4 x 4	Blowers	Loaders	Trucks
Tignish	40.20					1
Cascumpeque / Alberton	25.04		1			
Bloomfield	29.34					1
Alaska	25.70	1				
Tyne Valley	23.43		1			
Stanley Bridge	32.07	1				
Albany Route 1	23.29					1
Kinkora	28.06					1
Albany / Route 10	34.21		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				

Location	Kms.	Graders	4 x 4	Blowers	Loaders	Trucks
O'Leary	25.02					1
St Louis	25.84	1				
Summerside /Alma spares		3	0	6	2	2
Total	456.41	7	3	6	3	12

CONFEDERATION TRAIL MAINTENANCE

Maintenance Crews performed work on the approximately 444 kilometres of the Confederation Trail.

Activity	Total
Vegetation Control	444 kilometres
Culvert Replacements	255.0 metres
Ditching	10.3 kilometres
Bush Cutting	85.6 kilometres
Pre-Development	12.5 kilometres
Groom & Roll	92 kilometres
Groom & Resurface	46.6 kilometres

MECHANICAL BRANCH

Expenditures

Operating budgets for the Mechanical Branch and Fleet Operations during the year totalled \$17,261,676. The budget appropriation was distributed as follows:

Activity	Total
Charlottetown Garage Direct	\$ 4,496,668
Charlottetown Garage Indirect	\$ 1,105,496
Bridgetown Garage Direct	\$ 2,673,776
Bridgetown Garage Indirect	\$ 287,091
Summerside Garage Direct	\$ 3,867,474
Summerside Garage Indirect	\$ 95,117
Western Region Operators	\$ 1,417,794
Central Region Operators	\$ 2,082,201
Eastern Region Operators	\$ 1,236,059
Total	\$ 17,261,676

Equipment

During the 2015/16 year, a total of \$4,698,512.25 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 two ton.

Light Fleet Purchases

Quantity	Equipment Purchased
4	Half Ton
4	SUV
3	Cargo Van
5	Passenger Van (mini)
1	Cube Van
1	Quarter Ton Truck
1	Tire/Welding Truck/Fit Up
1	3/4 Ton
4	One Ton Crew Cab
1	Sign Truck Cab & Chassis
1	One Ton Reg Cab 4x4
2	Half Ton 4x2 (4 Door)
28	Total Vehicles Purchased

Heavy Fleet

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

Heavy Fleet Purchases

Quantity	Equipment Purchased
1	Load Trail Trailer
2	85 HP Utility Tractor
6	Tandem Trucks
7	Snow Accessories & Greasing Systems
2	Automatic Greasing Systems for Loaders
4	Loader Mount Blowers
4	Loaders with Plow Gear
26	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.

2015/16 Fleet Age Indicators

Unit	Quantity	In Years			Percentage Half Age
		Optimum Life	Target Average Age	Actual Average Age	
Corporate Fleet	368	6	3	6	83%
Single Axle	10	10	5	12	100%
Tandem	51	10	5	7.8	67%
4 x 4	16	20	10	28	100%
Grader	23	20	10	26	96%
Loader	26	20	10	16	65%
Self Propelled Blower	4	25	12	31	100%
Loader Mount Blower	13	20	10	5	7%
Tractor	24	20	10	12	58%
Grade-all	2	20	10	23	100%
Spreader	1	20	10	20	100%
Rollers	26	20	10	8	27%
Sand Hopper	21	20	10	17	81%
Trailer	64	20	10	13	65%
Crack Filling	2	10	5	4	50%
Skid Steer	1	10	5	4	0%
Self Propelled Lawn Tractors	12	5	2.5	9	58%
Shouldering Machine	2	20	10	6	0%
Paint Truck	2	10	5	9	100%
Fuel Truck	2	10	5	12.5	50%

Replacement Program:

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

Transportation, Infrastructure & Energy maintains overall responsibility for the management of the 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 project is anticipated to continue throughout the next year.

Financial Control:

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

During the 2015/16 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 at a public auction coordinated by Transportation, Infrastructure & Energy staff and held in the fall of 2015.

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

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 federal 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;
- preparation and review of traffic studies, site impact analysis, and level-of-service analysis;
- facilities planning;
- project management support and supervision for special projects relating to transportation planning, design and highway construction; 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 the enhanced economic development by improving safety and efficiency on the provincial highway 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
- Northern, Rural and Remote 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 a regular report card on NHS condition and performance nationwide. 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.

Transportation and Infrastructure Renewal Strategic Plan, 2012-2015

Section staff led other department staff in the development of a strategic plan for the Department. This plan identified key challenges and trends facing the Department, and key goals, performance measures, and actions planned over the next three years. The section is responsible for monitoring and reporting on progress toward these performance measures.

INFRASTRUCTURE SECRETARIAT

The Infrastructure Secretariat is responsible for administering infrastructure funding programs for Prince Edward Island. The office houses three 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);
- Building Canada Fund - Communities Component (BCF-CC);
- City of Charlottetown - Spring Park Storm Separation Sewer Separation; and
- Provincial Infrastructure Fund (PIF).

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 Components areas:

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

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 million 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	\$15,000,000	\$15,750,000	\$15,750,000	\$16,500,000

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

In order for the 26 water and/or sewer municipalities to receive the bi-annual funding installments, they needed to supply Capital Investment Plan(s) (CIP) to the Secretariat for review. In 2015/16 the Infrastructure Secretariat received CIPs totaling \$49.7 million, of which municipalities directed \$32.2 million of their Direct Allocation funds. The Direct Allocations to the municipalities released in 2015/16 were \$7.95 million.

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 and a carve-off was made for these National Allocated municipalities. Only 15 municipalities accessed funding in 2015/16, after meeting the requirements to release funds. The amount the National Allocations municipalities accessed in funding during 2015/16 was \$487,342.

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 4.5 million for the Department to use in FY 2015/16. All the projects are carried out by the Department within municipal boundaries. The FY 2015/16 projects include: Stanley Bridge Roundabout, Clyde River, Montague Route 4, Brackley/Harrington, Bagnall's Pond (Hunter River Route 13), Murray River Route 3, Kinlock Road Intersection, Borden Avenue, Rustico Co-op Lane, Stratford - Georgetown Road. Municipal Strategic Component (MSC)

A new component was negotiated to direct Gas Tax Funds towards 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 \$2.3 million over the five-year period. The remaining amount of \$8.33 million is directed towards projects. The MSC has two calls a year based on the amounts of fund approved and found in the budget for that fiscal year's budget.

In 2015/16 the Project Review Committee, under the MSC, approved five projects. The total amount of funding that was released to municipalities was \$2.3 million.

Building Canada Fund – Communities Component (BCF-CC)

The Building Canada Fund – Communities Component (BCF-CC) is one part of the Building Canada Fund. The BCF-CC program is partnered with the Building Canada Fund – Major Infrastructure Component (BCF-MIC) program. Total funding of \$35.25 million was allocated to the Province, with \$22 million going to BCF-CC and \$13.25 million going to BCF-MIC. A further \$2.1 million was announced for the Build Canada Communities Component Top-Up (BCF-CC TOP-UP) project.

BCF-CC is an application-based program open to local governments, non-profit groups, for-profit corporations, and the Province (for projects where it provides municipal services to non-incorporated communities). The BCF-MIC program deals mainly with larger projects which are priorities of government, and projects are mainly approved through a series of negotiations between the applicant, the Province and the Federal Government. There are eighteen categories eligible under the BCF-CC program:

Water Infrastructure	Connectivity Infrastructure
Wastewater Infrastructure	Sport Infrastructure
Public Transit Infrastructure	Local Road Infrastructure
Green Energy Infrastructure	Short line Rail Infrastructure
Disaster Mitigation Infrastructure	Tourism Infrastructure
Solid Waste Management Infrastructure	Short Sea Shipping Infrastructure
Brownfield Remediation	Regional and Local Airports
Culture Infrastructure	Recreational Infrastructure
Collaborative Projects	Core National Highway System

As of March 31, 2015, there were 64 approved projects valued at \$71.5 million, including the Top-Up project. In the FY 2015/16, four projects made claims totaling \$596,310, as shown in Table 1 – Building Canada Communities Component Actual Spent FY2015/16.

Table 1 – Building Canada Communities Component Actual Spent FY2015-2016

Building Canada-Communities Component (BCF-CC)			
Applicant	Project Names	Total Cost	FY 2015-16
Charlottetown	Miltonvale Municipal Well Drilling and Access Road	\$696,174	\$160,458
Charlottetown	Miltonvale Wellfield Piping and Control Building	\$1,303,826	\$280,574
Resort Municipality	Pumping Station Upgrades - Emergency Power PS #9 & PS #10	\$123,060	\$76,842
Stratford	Rosebank Sewer and Water	\$384,851	\$78,435
4 projects	Total	\$2,507,911	\$596,310

***These projects represent the final project payments of the program. The program ended only requiring completion and wrap-up work to be finished.**

City of Charlottetown - Spring Park Storm Water Sewer Separation

For a number of years, the City of Charlottetown has had difficulties with storm water being expelled directly into the harbour during heavy rain events. The fishery has been shut down affecting the economic viability of a number of fishers during these periods. The Province and the City entered into an agreement that the Province would support the Spring Park Storm Water Sewer Separation project to \$6.0 million. The first \$3.0 million was matched with the City and the remaining \$3.0 was to be matched with the Federal Government. Due to a number of federal changes in programs and timing of these programs, the City sought other sources for funding through the Gas Tax MSC components. In 2015/16 the Province paid out \$1,047,843. In 2015/16 the Province met its obligation of \$6.0 million and any additional funding would be covered by the Province.

Provincial Infrastructure Fund (PIF)

The Prince Edward Island Government announced the PIF Fund to offset the impact of the HST on Island municipalities. The program ran for an additional year, 2015/16, but is to be eliminated after this year as the Department of Finance is working with municipalities to develop a new revenue sharing mechanism in which the issue of HST is to be dealt with.

The \$1.8 million Provincial Infrastructure Fund is intended to provide for the investment in municipal capital infrastructure projects. The Province recognized the need for further funding for infrastructure to ensure our infrastructure deficit is addressed. The program invests in modern infrastructure that encourages sustainability for Island municipalities. In FY2015/16, 19 projects were funded at a total cost of \$3.1 million of which \$1.8 million came from the PIF program.

Provincial Infrastructure Fund			
Applicant	Project Name	Total Cost	FY2015-16
Alberton	Alberton Lagoon Upgrades	\$26,000	\$22,100
Borden-Carleton	Water/Sewer Backup Power Project	\$40,983	\$25,000
Cardigan	Farmer's Market/Village Complex Retaining Wall	\$12,000	\$5,000
Cornwall	Candlelight Lift Station and associated infrastructure	\$90,000	\$90,000
Cornwall	Water System Upgrades	\$60,000	\$60,000

Provincial Infrastructure Fund			
Applicant	Project Name	Total Cost	FY2015-16
Crapaud	Crapaud Village Park Playground Enhancements	\$7,230	\$2,410
Georgetown	King's Playhouse Emergency Roof Repair Spring 2015	\$35,000	\$35,000
Kensington	Commercial Street/Woodleigh Drive Sidewalk Replacement	\$105,000	\$35,000
Kinkora	Generator Project	\$18,240	\$4,490
Miltonvale Park	Miltonvale Community Park - Balls, Barks and Swing	\$10,562	\$5,000
Montague	Main Street Sidewalk Replacement	\$48,598	\$35,000
New Haven/Riverdale	Community Park Signage and Fencing	\$6,000	\$3,000
North Rustico	Wastewater Replacement Pump	\$23,685	\$15,000
North Shore	Front Entrance/Senior Friendly Access	\$29,531	\$1,000
Sherbrooke	Public Signage	\$4,000	\$1,000
St. Felix	Community Heat Pumps	\$11,000	\$1,000
Stratford	Emergency Generator for Stratford Town Centre	\$260,000	\$150,000
Summerside	Paving of Local and Collector Roads in the City	\$1,300,000	\$300,000
Charlottetown	City Infrastructure	\$1,010,000	\$1,010,000
19 Projects	Total	\$3,097,829	\$1,800,000

ACCESS PEI

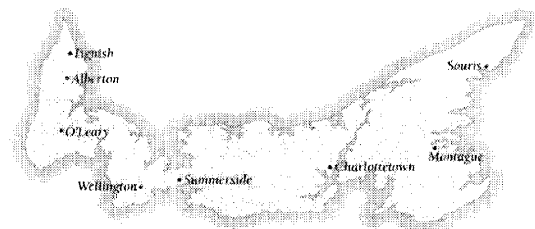
Access PEI's mission statement is to provide high quality and efficient delivery of provincial government services to rural and urban clients.

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

At Access PEI, customers have access to over 410 government services including: payment of property taxes; remittance of sales tax; renewing drivers licences; renewing vehicle registrations; obtaining marriage licences; obtaining fishing licences; and availability of government job application forms. In 2015/2016 Access PEI served 209,881 customers and performed 349,683 Transactions totalling \$39,252,338 in revenue.

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

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



The Access PEI Division was transferred to the Department of Transportation, Infrastructure and Energy in the Spring of 2015. Access has worked closely with the Highway Safety Division to develop new training opportunities and highlight areas for future cooperation. As approximately 50-60% or all Access PEI transactions are Highway Safety related, it was the correct fit for Access PEI.

Access PEI continues to work with ITSS and Highway Safety on the performance of the Driver and Vehicle System (DVS). There are defects within the system that have been prioritized and are fixed on a priority basis.

Site	Clients	Transactions	Revenue	% of Total Revenue
Alberton	7,483	11,409	\$1,091,059	2.78%
Charlottetown	96,312	153,556	\$17,547,857	44.71%
Montague	22,615	35,875	\$3,932,807	10.02%
O'Leary	8,784	13,778	\$1,447,371	3.69 %
Souris	8,264	13,087	\$1,481,540	3.77 %
Summerside	51,215	80,849	\$9,512,032	24.23 %
Tignish	6,370	10,003	\$1,103,036	2.81%
Wellington	8,838	14,546	\$1,531,125	3.90%
Online Motor Vehicle Renewal		16,680	\$1,605,512	4.09%
Totals	209,881	349,783	\$39,252,339	100%

ENERGY AND MINERALS

In early 2016, the Energy and Minerals Division, with the PEI Energy Corporation, developed a Request for Proposals for a new Provincial Energy Strategy. The RFP included the following three guiding principles upon which the new strategy should be based:

- Lowering greenhouse gas emissions;
- Providing cost effective direction; and
- Generating local economic opportunities.

In February, the contract for the Provincial Energy Strategy was awarded to Dunskey Energy Consulting. Government and Dunskey began work immediately to meet a summer 2016 deliverable. In March, a new website was launched which provided a means to facilitate public input and provide updates on the status of the project.

Department of Transportation, Infrastructure & Energy
Statement of Ordinary Expenditures
2015-2016 FY

	Actuals	Budget Estimates 15/16
CORPORATE SERVICES DIVISION		
Executive Office		
Administration	14,259	25,800
Equipment	695	-
Materials, Supplies & Services	3,120	500
Salaries	273,924	264,400
Travel & Training	8,162	14,000
	300,160	304,700
Corporate Services Administration		
Administration	17,072	28,200
Debt	53	-
Equipment	3,141	500
Materials, Supplies & Services	7,874	15,000
Professional & Contract Services	-	900
Salaries	197,814	230,000
Travel & Training	2,459	2,000
Grants	897,354	875,000
	1,125,767	1,151,600
Planning		
Administration	4,482	6,300
Equipment	316	-
Professional & Contract Services	1,500	-
Salaries	134,536	168,900
Travel & Training	8,809	9,800
	149,643	185,000
TOTAL CORPORATE SERVICES DIVISION	1,575,570	1,641,300
Infrastructure		
Administration	36,865	59,100
Equipment	804	2,000
Materials, Supplies & Services	1,623	10,300
Professional & Contract Services	60,438	53,500
Salaries	278,228	335,000
Travel & Training	6,253	11,600
Grants	14,511,674	20,300,000
	14,895,885	20,771,500
TOTAL INFRASTRUCTURE	14,895,885	20,771,500

HIGHWAY SAFETY DIVISION**Highway Safety Administration**

Administration	69,944	107,700
Equipment	1,851	900
Materials, Supplies & Services	23,546	8,500
Professional & Contract Services	80,391	86,700
Salaries	146,836	160,600
Travel & Training	28,501	55,000
	351,069	419,400

Promotion Highway Safety

Administration	267	2,000
Equipment	178	900
Materials, Supplies & Services	24,325	22,000
Professional & Contract Services	-	1,000
Salaries	553,513	719,400
Travel & Training	-	5,200
	578,283	750,500

Registration & Licensing

Administration	-	900
Equipment	1,400	4,000
Materials, Supplies & Services	242,173	211,400
Salaries	798,887	834,000
Travel & Training	6	700
	1,042,466	1,051,000

Highway Scales

Administration	2,518	-
Equipment	1,500	12,900
Materials, Supplies & Services	12,701	24,200
Salaries	623,958	601,300
Travel & Training	-	1,000
	640,677	639,400

TOTAL HIGHWAY SAFETY DIVISION

2,612,495	2,860,300
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Land & Environment**Environmental Management**

Administration	9,684	8,600
Debt	273	-
Equipment	650	1,500
Materials, Supplies & Services	8,856	1,900
Professional & Contract Services	10,684	38,200
Salaries	465,217	565,100
Travel & Training	65,286	54,500
	560,650	669,800

Properties

Administration	108,380	128,200
Debt	2,533	-
Equipment	69	2,800
Materials, Supplies & Services	395,807	225,400
Professional & Contract Services	3,967	45,500
Salaries	763,718	877,600
Travel & Training	20,580	29,200
	1,295,054	1,308,700

Surveys

Administration	8,120	6,800
Debit	118	-
Equipment	498	27,400
Materials, Supplies & Services	8,534	4,300
Professional & Contract Services	580	14,600
Salaries	578,956	527,400
Travel & Training	5,441	7,500
	602,247	588,000

TOTAL LAND & ENVIRONMENT

2,457,951	2,566,500
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HIGHWAY MAINTENANCE DIVISION**Maintenance Administration - Director's Office**

Administration	36,186	10,300
Equipment	904	-
Materials, Supplies & Services	8,209	1,000
Professional & Contract Services	3,039	73,000
Salaries	254,563	273,900
Travel & Training	15,891	11,900
Grants	80,040	80,600
	398,832	450,700

Inventory Control

Administration	4,653	4,000
Debt	1,500	-
Equipment	600	-
Materials, Supplies & Services	691,808	362,800
Professional Services	30	-
Salaries	495,789	473,400
Travel & Training	9,343	6,000
	1,203,723	846,200

Provincial Maintenance Road Program

Administration	736	-
Equipment	9,650	-
Materials, Supplies & Services	1,496,221	1,755,100
Professional & Contract Services	72,709	-
	1,579,316	1,755,100

Maintenance Administration - Western Region

Administration	27,446	41,500
Equipment	250	600
Materials, Supplies & Services	5,058	2,600
Salaries	460,335	468,200
Travel & Training	2,017	2,500
	495,106	515,400

Maintenance Administration - Eastern Region

Administration	32,567	52,200
Equipment	1,109	400
Materials, Supplies & Services	4,321	700
Professional Services	50	-
Salaries	556,635	456,000
Travel & Training	2,401	3,200
	597,083	512,500

Administration	50,485	65,200
Equipment	892	-
Materials, Supplies & Services	4,502	600
Salaries	581,113	534,200
Travel & Training	2,464	800
	639,456	600,800

Summer Maintenance - Western Region

Equipment	10,566	6,500
Materials, Supplies & Services	1,455,689	1,449,300
Salaries	1,856,235	2,067,800
Travel & Training	48,219	63,400
	3,370,709	3,587,000

Summer Maintenance - Eastern Region

Administration	765	-
Materials, Supplies & Services	1,171,777	1,174,000
Salaries	1,726,517	1,826,900
Travel & Training	35,704	40,100
	2,934,763	3,041,000

Summer Maintenance - Central Region

Debt	296	-
Materials, Supplies & Services	2,617,671	1,668,900
Professional & Contract Services	9,025	-
Salaries	2,389,246	2,479,700
Travel & Training	77,381	75,000
	5,093,619	4,223,600

Rails to Trails Maintenance

Administration	2,668	8,900
Debt	647	-
Equipment	1,150	-
Materials, Supplies & Services	340,959	376,900
Professional & Contract Services	1,649	-
Salaries	822,641	907,900
Travel & Training	14,677	23,000
	1,184,391	1,316,700

Winter Maintenance - Western Region

Debt	7,918	-
Equipment	1,423	-
Materials, Supplies & Services	5,258,754	4,440,700
Professional & Contract Services	135	-
Salaries	302,922	338,300
Travel & Training	106	-
	5,571,258	4,779,000

Winter Maintenance - Eastern Region

Materials, Supplies & Services	2,731,331	2,504,600
Salaries	260,293	385,000
Travel & Training	1,996	4,000
	2,993,620	2,893,600

Winter Maintenance - Central Region

Debt	2,260	-
Equipment	3,529	-
Materials, Supplies & Services	5,810,159	4,026,000
Salaries	318,961	452,900
Travel & Training	2,411	-
	6,137,320	4,478,900

Mechanical - Charlottetown Garage - Direct

Administration	13,706	26,900
Equipment	13,675	3,500
Materials, Supplies & Services	2,136,726	1,933,300
Professional & Contract Services	1,948	4,100
Salaries	2,167,952	2,348,600
Travel & Training	139,457	132,900
	4,473,464	4,449,300

Mechanical - Charlottetown Garage - Indirect

Administration	60,778	69,000
Equipment	9,415	12,400
Materials, Supplies & Services	431,043	314,700
Professional & Contract Services	44,775	38,400
Salaries	549,272	668,900
Travel & Training	10,213	4,100
	1,105,496	1,107,500

Mechanical - Summerside Garage - Direct

Administration	10,850	14,400
Equipment	1,664	5,500
Materials, Supplies & Services	2,082,950	1,299,400
Professional & Contract Services	756	8,000
Salaries	1,669,583	1,882,400
Travel & Training	114,996	71,200
	3,880,799	3,280,900

Mechanical - Summerside Garage - Indirect

Administration	9,417	24,800
Equipment	22,322	18,700
Materials, Supplies & Services	12,812	15,000
Professional & Contract Services	15,477	-
Salaries	32,996	80,600
Travel & Training	2,093	5,400
	95,117	144,500

Mechanical - Bridgetown Garage - Indirect

Administration	19,384	25,600
Equipment	3,113	2,100
Materials, Supplies & Services	72,314	57,700
Professional & Contract Services	879	12,900
Salaries	190,081	209,200
Travel & Training	1,321	5,300
	287,092	312,800

Mechanical - Bridgetown Garage - Direct

Administration	256	-
Debt	477	-
Equipment	41,803	7,000
Materials, Supplies & Services	1,342,924	835,700
Professional & Contract Services	3,605	3,200
Salaries	1,138,784	1,046,400
Travel & Training	146,402	130,900
	2,674,251	2,023,200

Mechanical - Operators - Western Region

Administration	-	1,500
Debt	4,010	-
Materials, Supplies, & Services	15,206	14,000
Professional & Contract Services	2,254	-
Salaries	1,389,824	1,556,300
Travel & Training	10,510	18,700
	1,421,804	1,590,500

Mechanical - Operators - Eastern Region

Administration	-	200
Debt	136	-
Materials, Supplies & Services	20,409	28,000
Professional & Contract Services	587	-
Salaries	1,189,947	1,372,800
Travel & Training	25,115	21,800
	1,236,194	1,422,800

Mechanical - Operators - Central Region

Administration	117	3,800
Materials, Supplies & Services	25,159	50,300
Professional & Contract Services	2,374	-
Salaries	2,032,001	2,495,200
Travel & Training	22,549	45,900
	2,082,200	2,595,200

TOTAL HIGHWAY MAINTENANCE DIVISION

49,455,613	45,927,200
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PUBLIC WORKS & PLANNING**Public Works Operations - Administration**

Administration	15,851	32,900
Equipment	2,482	7,500
Materials, Supplies & Services	14,214	164,500
Professional & Contract Services	1,650	-
Salaries	768,259	841,000
Travel & Training	20,259	36,000
	822,715	1,081,900

District Heating Plant

Administration	82	-
Materials, Supplies & Services	1,605,681	1,823,600
Professional Services	21,945	-
	1,627,708	1,823,600

Audio Visual - Technicians

Administration	813	1,100
Materials, Supplies & Services	3,518	11,300
Salaries	118,352	116,000
Travel & Training	-	5,000
	122,683	133,400

Building Maintenance Direct - Mona Wilson Bldg.

Administration	11,048	10,800
Materials, Supplies & Services	22,290	44,200
Professional & Contract Services	301	-
	33,639	55,000

Building Maintenance Direct - Shaw, Sullivan & Jones Bldgs.

Administration	482,866	474,400
Debt	193	-
Equipment	2,621	6,000
Materials, Supplies & Services	1,343,226	1,168,500
Professional & Contract Services	450,589	416,300
Salaries	1,093,852	1,109,800
Travel & Training	5,059	3,000
	3,378,406	3,178,000

Building Maintenance Direct - Province House

Administration	21,580	21,300
Materials, Supplies & Services	393	111,400
Salaries	44,669	45,800
Travel & Training	408	-
	67,050	178,500

Building Maintenance Direct - Province House Annex

Administration	7,949	8,300
Materials, Supplies & Services	42,185	47,900
Professional & Contract Services	836	-
	50,970	56,200

Building Maintenance Direct - Government House

Administration	23,216	22,000
Equipment	739	2,000
Materials, Supplies & Services	108,481	109,400
Professional & Contract Services	246	-
Salaries	364,965	364,600
Travel & Training	433	1,500
	498,080	499,500

Building Maintenance Direct - Customs House

Administration	8,958	9,300
Materials, Supplies & Services	35,384	54,200
Professional & Contract Services	1,133	-
	45,475	63,500

Building Maintenance Direct - Coles Bldg.

Administration	40,954	41,900
Materials, Supplies & Services	90,927	67,400
Professional & Contract Services	9,052	-
Salaries	55,802	67,000
	196,735	176,300

Building Maintenance Direct - Prince County Jail & Courthouse

Administration	19,596	20,000
Materials, Supplies & Services	79,623	83,800
Professional & Contract Services	356	10,000
Salaries	42,377	47,100
	141,952	160,900

Building Maintenance Direct - Summerside Youth Centre

Administration	88,111	82,000
Materials, Supplies & Services	192,216	259,400
Professional & Contract Services	426	-
	280,753	341,400

Building Maintenance Direct - Provincial Correctional Centre

Administration	37,776	35,000
Materials, Supplies & Services	437,559	498,400
Professional & Contract Services	5,035	-
	480,370	533,400

Building Maintenance Direct - Montague Office Complex

Administration	-	7,300
Materials, Supplies & Services	81,471	81,700
Professional & Contract Services	578	-
	82,049	89,000

Building Maintenance Direct - Southern Kings/Queens RSC

Administration	4,923	5,200
Materials, Supplies & Services	78,503	79,200
Professional & Contract Services	847	-
	84,273	84,400

Building Maintenance Direct - West Prince RSC

Administration	6,761	8,000
Materials, Supplies & Services	80,467	58,900
	87,228	66,900

Building Maintenance Direct - Prince Edward Home

Materials, Supplies & Services	64,982	80,800
	64,982	80,800

Building Maintenance Direct - Access PEI S'side

Administration	47,595	50,000
Materials, Supplies & Services	235,232	298,000
Professional & Contract Services	606	-
Travel & Training	216	-

283,649	348,000
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Building Maintenance Direct - Highway Testing Lab

Materials, Supplies & Services	37,840	46,700
Salaries	19,633	32,900

57,473	79,600
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Building Maintenance Direct - Brighton Road Office Complex

Administration	542	700
Materials, Supplies & Services	32,361	40,500
Professional & Contract Services	736	-
Salaries	10,126	27,300

43,765	68,500
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Building Maintenance Direct - Holland College Royalty Operations

Administration	141,947	145,000
Materials, Supplies & Services	318,812	319,700
Professional & Contract Services	780	-

461,539	464,700
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Building Maintenance Direct - S'side Garage - Slemon Park

Administration	21,486	26,000
Materials, Supplies & Services	185,365	213,700

206,851	239,700
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Building Maintenance Direct - TIE Beach Grove Rd Warehouse

Materials, Supplies & Services	35	3,300
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35	3,300
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Building Maintenance Direct - TIE Surplus Warehouse

Materials, Supplies & Services	22,193	13,500
Professional & Contract Services	321	-

22,514	13,500
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Building Maintenance Direct - Kings County Courthouse

Administration	3,541	3,600
Materials, Supplies & Services	27,155	25,900
	30,696	29,500

Building Maintenance Direct - Scale Houses

Administration	4,612	4,500
Materials, Supplies & Services	73,174	87,500
Salaries	4,905	5,200
	82,691	97,200

Building Maintenance Direct - Environment Warehouse

Materials, Supplies & Services	11,525	20,000
Professional & Contract Services	1,235	-
	12,760	20,000

Building Maintenance Direct - Acadian Museum

Administration	2,915	2,300
Materials, Supplies & Services	16,587	16,000
	19,502	18,300

Building Maintenance Direct - Basin Head Museum

Administration	849	1,000
Materials, Supplies & Services	13,825	17,500
	14,674	18,500

Building Maintenance Direct - Orwell Historic Village

Administration	27	-
Materials, Supplies & Services	14,427	12,000
Salaries	(87)	-
	14,367	12,000

Building Maintenance Direct - Yeo House

Materials, Supplies & Services	16,375	11,500
Professional & Contract Services	(6)	-
	16,369	11,500

Building Maintenance Direct - MacPhail Homestead

Administration	20	-
	8,060	16,500
Professional & Contract Services	240	-
	8,320	16,500

Building Maintenance Direct - Belmont St Food Bank

Administration	-	3,500
Materials, Supplies & Services	15,430	30,000
	15,430	33,500

Building Maintenance Direct - Montague Food Bank

Materials, Supplies & Services	9,163	23,000
	9,163	23,000

Building Maintenance Direct - Tyne Valley Youth Centre

Administration	2,647	2,700
Materials, Supplies & Services	40,093	52,100
Professional & Contract Services	2,438	-
	45,178	54,800

Building Maintenance Direct - Lea Crane Building

Administration	6,331	6,400
Materials, Supplies & Services	29,410	42,000
Salaries	19,318	21,300
	55,059	69,700

Building Maintenance Direct - Potato Services Bldg - Kensington

Administration	4,043	4,100
Materials, Supplies & Services	35,480	39,500
	39,523	43,600

Building Maintenance Direct - Tignish Sign Shop

Administration	2,397	2,400
Materials, Supplies & Services	30,712	31,500
	33,109	33,900

Building Maintenance Direct - Tignish Body Shop

Administration	6,879	4,000
Materials, Supplies & Services	63,503	41,600
Professional & Contract Services	130	-
	70,512	45,600

Building Maintenance Direct - Alma Field Office

Materials, Supplies & Services	25,409	-
Professional & Contract Services	(6)	-
	25,403	-

Tyne Valley Medical Centre

Materials, Supplies & Services	33,182	31,000
Professional & Contract Services	1,098	-
	34,280	31,000

Building Maintenance Direct - Hunter River Office - Dr. Ellis

Materials, Supplies & Services	924	12,500
Professional Services	246	-
	1,170	12,500

Building Maintenance Direct - Brudenell Park

Administration	112,292	112,300
Materials, Supplies & Services	14,263	9,000
	126,555	121,300

Building Maintenance Direct - St. Eleanor's House

Materials, Supplies & Services	11,301	5,000
	11,301	5,000

Building Maintenance Direct - Rollo Bay School

Materials, Supplies & Services	41,928	26,500
Professional & Contract Services	413	-
	42,341	26,500

Building Maintenance Direct - Forestry Office - Queens

Administration	11,698	9,000
Materials, Supplies & Services	15,577	3,500
Professional & Contract Services	55	-
	27,330	12,500

Building Maintenance Direct - Forestry Office - Prince

Materials, Supplies & Services	12,123	21,400
Salaries	5,046	5,200
	17,169	26,600

Building Maintenance Direct - Forestry Office - Kings

Materials, Supplies & Services	26,910	30,500
	26,910	30,500

Building Maintenance Direct - VIC Cavendish

Administration	(7,632)	1,000
Materials, Supplies & Services	34,088	38,400
Salaries	15,775	23,800

42,231	63,200
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Building Maintenance Direct - VIC Mt. Pleasant

Materials, Supplies & Services	8,759	11,400
Salaries	7,014	10,100

15,773	21,500
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Building Maintenance Direct - Vet Clinic - O'Leary

Materials, Supplies & Services	25,330	1,000
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25,330	1,000
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Building Maintenance Direct - Highway Depot - Bridgetown

Materials, Supplies & Services	-	6,500
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-	6,500
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Building Maintenance Direct - Access PEI - Alberton

Administration	2,162	2,200
Materials, Supplies & Services	16,753	25,000
Salaries	4,755	-

23,670	27,200
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Building Maintenance Direct - Analytical Lab - Upton Road

Administration	9,292	7,300
Materials, Supplies & Services	252,458	177,100
Professional & Contract Services	1,897	-

263,647	184,400
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Building Maintenance Direct - Kensington Post Office

Administration	(47,295)	-
Materials, Supplies & Services	79,813	20,000

32,518	20,000
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Building Accommodations - Small Lease

Administration	1,628,955	1,721,200
Materials, Supplies & Services	46,449	55,800
Professional & Contract Services	666	-

1,676,070	1,777,000
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Building Accommodations - Evangeline RSC

Administration	58,470	66,100
Materials, Supplies & Services	3,825	5,600
	62,295	71,700

Building Accommodations - Johnny Ross Young RSC

Administration	241,641	251,300
Materials, Supplies & Services	2,852	7,000
	244,493	258,300

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

Administration	739,800	752,400
Equipment	4,136	-
Materials, Supplies & Services	(5,920)	-
Professional & Contract Services	605	-
	738,621	752,400

Building Accommodations - Health Agency Younker, Roche Bldg.

Administration	594,164	610,700
Materials, Supplies & Services	-	400
	594,164	611,100

Building Accommodations - Provincial Library Morell

Administration	200,954	201,100
Materials, Supplies & Services	270	-
	201,224	201,100

Building Accommodations - St. Paul's Rectory

Administration	28,664	25,000
Materials, Supplies & Services	20,378	24,200
Professional & Contract Services	7,076	-
	56,118	49,200

Building Accommodations - E. Blanchard (Gordon Drive)

Administration	104,887	135,000
Materials, Supplies & Services	19,167	21,800
Professional & Contract Services	1,541	-
	125,595	156,800

Building Accommodations - Concorde Building

Administration	151,689	155,100
Materials, Supplies & Services	890	-
Professional & Contract Services	2,925	-
	155,504	155,100

Building Accommodations - Davies Law Courts

Administration	690,227	755,700
Materials, Supplies & Services	255,254	208,600
Professional & Contract Services	252,975	205,000
	1,198,456	1,169,300

Building Accommodations - Highway Safety Office

Administration	195,635	201,300
Materials, Supplies & Services	1,437	5,000
	197,072	206,300

Building Accommodations - Fisheries Warehouse

Administration	44,265	46,200
Materials, Supplies & Services	18,117	25,600
	62,382	71,800

Building Accommodations - Kelly Bldg - Courthouse

Administration	123,342	370,000
Materials, Supplies & Services	-	17,600
	123,342	387,600

Building Accommodations - Breckan Yates Building

Administration	152,034	151,000
Professional & Contract Services	1,161	-
	153,195	151,000

Building Accommodations - SRDC 109 Water Street

Administration	170,000	180,000
	170,000	180,000

Building Accommodations - Confederation Centre & Libraries

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

Building Accommodations - Gateway Village VIC

Administration	68,912	70,000
Materials, Supplies & Services	750	-
Professional & Contract Services	3,061	-
	72,723	70,000

Building Accommodations - Confederation Court Lease - EMO

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

Building Accommodations - Donald Bondy Bldg.

Administration	345,109	346,200
Materials, Supplies & Services	54,076	30,000
	399,185	376,200

Building Accommodations - Hunter River Health Centre

Administration	91,236	88,300
	91,236	88,300

Building Accommodations - Summerside Medical Centre

Administration	212,174	212,200
	212,174	212,200

Building Accommodations - Polyclinic

Adminsitration	248,589	248,200
	248,589	248,200

Building Accommodations - Pharmtech-Friendly Pharmacy

Administration	153,279	153,300
	153,279	153,300

Building Accommodations - Dept. of Fisheries-Montague

Administration	267,742	278,500
Materials, Supplies & Services	3,597	2,000
Professional & Contract Services	2,413	-
	273,752	280,500

Building Accommodations - Dept. of Education - Summerside

Administration	825,693	834,900
Materials, Supplies & Services	37,800	47,000
Professional & Contract Services	1,308	-
	864,801	881,900

Building Accommodations - VIC - Charlottetown Airport

Administration	22,845	15,700
Materials, Supplies & Services	155	7,300
	23,000	23,000

Building Accommodations - VIC - Wood Islands

Administration	36,966	37,000
Materials, Supplies & Services	962	1,800
Salaries	18,069	15,400
	55,997	54,200

Building Accommodations - Harbour Quay - Summerside

Administration	9,147	10,800
Materials, Supplies & Services	3,004	6,400
	12,151	17,200

Building Accommodations - Morrison Building

Administration	524	1,500
Materials, Supplies & Services	12,222	8,800
Professional & Contract Services	240	-
	12,986	10,300

Building Accommodations - Murchison House

Administration	1,250	-
Materials, Supplies & Services	12,121	-
	13,371	-

Building Accommodations - Kensington Laundry

Administration	71,402	60,900
Materials, Supplies & Services	9,423	22,000
	80,825	82,900

Building Accommodations - Fire Arms Office - Charlottetown

Administration	17,565	17,600
Materials, Supplies & Services	6,182	7,200
Professional & Contract Services	697	-
	24,444	24,800

Director's Office

Administration	8,135	12,000
Materials, Supplies & Services	123,564	5,100
Professional & Contract Services	128,523	224,000
Salaries	164,136	253,800
Travel & Training	3,696	12,900
	428,054	507,800

Building Construction

Administration	1,782	200
Equipment	52	-
Materials, Supplies & Services	86	1,400
Salaries	220,909	337,200
Travel & Training	1,107	23,200
Grants	(100,000)	(100,000)
	123,936	262,000

Building Design

Administration	5,739	-
Equipment	153	-
Materials, Supplies & Services	5,154	-
Salaries	339,158	351,800
Travel & Training	26,077	9,900
Grants	(50,000)	(50,000)
	326,281	311,700

TOTAL PUBLIC WORKS & PLANNING

19,710,323	20,954,500
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CAPITAL PROJECTS DIVISION**TRAFFIC OPERATIONS****Traffic Operations Management**

Administration	3,372	6,100
Equipment	19,332	1,000
Materials, Supplies & Services	6,366	13,600
Professional & Contract Services	-	3,000
Salaries	271,470	310,200
Travel & Training	22,492	17,300
	323,032	351,200

Traffic Operations - Western Region

Administration	5,593	4,400
Equipment	-	1,300
Materials, Supplies & Services	229,622	231,700
Professional & Contract Services	-	2,200
Salaries	521,062	470,800
Travel & Training	17,647	8,700
	773,924	719,100

Traffic Operations - Central Region

Administration	10,821	14,400
Debt	663	-
Equipment	84	5,000
Materials, Supplies & Services	831,189	777,300
Professional & Contract Services	-	400
Salaries	968,788	1,016,000
Travel & Training	24,482	23,000
	1,836,027	1,836,100

Sign Shop

Administration	5,873	5,700
Debt	152	-
Materials, Supplies & Services	53,563	119,400
Professional & Contract Services	-	5,100
Salaries	216,551	199,400
Travel & Training	1,656	1,000
	277,795	330,600

Chief Engineer's Office

Administration	34,183	24,900
Equipment	416	800
Materials, Supplies & Services	(5,636)	500
Professional & Contract Services	6,619	55,000
Salaries	305,297	243,100
Travel & Training	54,012	9,800
	394,891	334,100

Eastern Region

Administration	10,717	21,300
Equipment	709	10,400
Materials, Supplies & Services	9,542	18,900
Professional & Contract Services	150	2,000
Salaries	741,851	912,900
Travel & Training	10,677	22,100
	773,646	987,600

Western Region

Administration	18,497	34,200
Equipment	1,177	16,700
Materials, Supplies & Services	10,662	26,300
Professional & Contract Services	5,031	3,500
Salaries	790,635	916,000
Travel & Training	23,835	40,800
	849,837	1,037,500

Engineering Services Operations

Administration	2,109	1,000
Equipment	1,029	900
Materials, Supplies & Services	(7,486)	600
Salaries	227,542	225,600
Travel & Training	4,121	6,400
	227,315	234,500

Highway Enhancement

Salaries	274,788	130,900
	274,788	130,900

Bridge Maintenance Operations

Administration	4,319	5,200
Debit	94	-
Materials, Supplies & Services	1,918,093	1,913,700
Professional & Contract Services	683,004	-
Salaries	538,133	492,800
Travel & Training	33,789	9,600
	3,177,432	2,421,300

Highway Design

Administration	7,314	9,000
Equipment	-	500
Materials, Supplies & Services	19,196	5,500
Professional & Contract Services	32,539	4,800
Salaries	492,158	569,400
Travel & Training	19,365	10,300
	570,572	599,500

Materials Testing Lab

Administration	15,741	13,900
Equipment	22,611	30,700
Materials, Supplies & Services	19,207	9,700
Professional & Contract Services	2,615	5,000
Salaries	1,043,295	1,286,600
Travel & Training	34,522	23,400
Grants	-	(500,000)
	1,137,991	869,300

TOTAL CAPITAL PROJECTS DIVISION

10,617,250	9,851,700
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ACCESS PEI**Access Division Management**

Administration	4,219	8,500
Equipment	480	-
Materials, Supplies & Services	803	4,000
Salaries	158,347	158,900
Travel & Training	8,516	14,500
	172,365	185,900

Summerside Access PEI

Administration	18,736	18,400
Debt	6,718	5,500
Equipment	419	1,200
Materials, Supplies & Services	2,035	10,800
Professional & Contract Services	12	-
Salaries	489,481	482,800
Travel & Training	2,010	10,500
	519,411	529,200

Souris Access PEI

Administration	8,760	14,300
Debt	300	-
Equipment	419	-
Materials, Supplies & Services	2,638	3,900
Professional & Contract Services	26	-
Salaries	276,492	283,400
Travel & Training	2,546	7,200
	<u>291,181</u>	<u>308,800</u>

West Prince Access Centres

Administration	13,132	19,300
Debt	622	300
Equipment	-	1,300
Materials, Supplies & Services	482	5,800
Professional & Contract Services	10	-
Salaries	402,715	392,100
Travel & Training	7,827	10,900
	<u>424,788</u>	<u>429,700</u>

Montague Access PEI

Administration	9,409	14,600
Debt	450	-
Equipment	1,218	700
Materials, Supplies & Services	756	6,300
Professional & Contract Services	14	-
Salaries	271,467	269,500
Travel & Training	1,276	4,300
	<u>284,590</u>	<u>295,400</u>

Wellington Access PEI

Administration	3,916	9,400
Debt	181	-
Materials, Supplies & Services	601	4,000
Salaries	113,622	108,600
Travel & Training	-	1,600
	<u>118,320</u>	<u>123,600</u>

Riverside Dr. Access PEI

Administration	11,784	17,300
Equipment	2,150	1,800
Materials, Supplies & Services	2,267	5,700
Professional & Contract Services	700	-
Salaries	851,865	832,500
Travel & Training	452	9,400
	<u>869,218</u>	<u>866,700</u>

TOTAL ACCESS PEI

<u>2,679,873</u>	<u>2,739,300</u>
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ENERGY AND MINERALS**Energy and Minerals**

Administration	28	4,000
Equipment	-	4,600
Materials, Supplies & Services	1,483	3,000
Professional & Contract Services	65,805	77,000
Salaries	52,696	52,800
Travel & Training	4,972	16,200
	124,984	157,600

Office of Energy Efficiency

Administration	5,377	10,000
Equipment	1,319	3,500
Materials, Supplies & Services	24,242	46,400
Professional & Contract Services	-	20,000
Salaries	351,934	336,300
Travel & Training	10,182	15,000
Grants	734,438	1,080,200
	1,127,492	1,511,400

TOTAL ENERGY

1,252,476	1,669,000
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**TOTAL DEPARTMENT OF TRANSPORTATION,
INFRASTRUCTURE & ENERGY**

105,257,436	108,981,300
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CAPITAL EXPENDITURES C/A
Year Ending March 31, 2016

BRIDGES C/A

Eastern Region

Montague Central St. c/o	144,770	
Iona Bridge Replacement c/o	88,092	
Church Rd. - St. Charles Bridge Replacement	142,075	
Hazelgreen Rd.	88,785	
Lorne Valley Rd Bridge	130,222	
Total Eastern Region		593,943

Central Region

Bonshaw Hills Park	(7,897)	
Oyster Bed Bridge Replacement	673,447	
Jewell Rd. Bridge Rehabilitation	279,953	
Milton Bridge Replacement	560,412	
Union Rd. Storm Damage	138,068	
Kingston Rd. Structure Storm Damage	116,938	
Total Central Region		1,760,920

Western Region

Cascumpec Bridge Replacement	31,699	
Rosebank Rte 2 Storm Damage	634,521	
Huntley Rte 152 Storm Damage	954,358	
Allen Rd Rte 167 Storm Damage	643,789	
Arlington Rte 131 Storm Damage	281,337	
Inverness Rte 2 Storm Damage	478,215	
Howlan Rd Storm Damage	224,183	
Clinton Rte 6 Bridge Replacement	674,057	
Harper Rd. Replacement	203,694	
Coleman Structure Rehabilitation	178,589	
Harper Rd. Rehabilitation	302,760	
Carragher's Pond Structure Replacement	614,202	
Harper Rd. Replace Driveway	180,915	
Northam Bridge Replacement	470,424	
Cascumpec New Fisheries Launch Site	108,917	
Cains Bridge	324,692	
Cairns Rd Bridge	94,068	
Total Western Region		6,400,419

TOTAL BRIDGES C/A 8,755,282

HIGHWAY RECONSTRUCTION

Eastern Region

Souris Causeway Shore Protection Rte 2	254,867	
Curley's Lane Roseneath/Georgetown	56,204	
Primrose Rte 2	304,506	
Baldwin Rd. Rte 5 & 22	848,212	
Total Eastern Region		1,463,788

Central Region

York Storm Sewer Rte 25	107,078	
Total Central Region		107,078

Western Region		
Read's Corner Curbing Summerside	103,435	
Clinton Rte 6 2015	980,105	
Total Western Region		1,083,540
Other		
Survey Gear for Capital Projects 2016	26,228	
LED Conversion East/West	339,616	
Guardrail Eastern Region	505,278	
Guardrail Western Region	453,774	
Land Purchases Western Region	597,767	
Total Other		1,922,663
TOTAL HIGHWAY RECONSTRUCTION		4,577,069
PROVINCIAL PAVING		
Eastern Region		
Asphalt Supply & Place - Island Construction	258,738	
Asphalt Supply & Place - Chapman Brothers	586,741	
Gravel Various Roads	32,423	
Fund Class B Gravel Kings/Queens - Chapman Brothers	48,860	
Total Eastern Region		926,762
Central Region		
Asphalt Supply & Place - Island Construction	1,231,880	
Asphalt Supply & Place - Chapman Brothers	453,361	
Asphalt Supply & Place - M & M Resources	347,946	
Fund Shouldering Operations	68,890	
Gravel Various Roads	36,678	
Asphalt Supply & Place - Chapman Brothers	704,232	
Total Central Region		2,842,987
Western Region		
Asphalt Supply & Place - Curran & Briggs	1,370,942	
Fund Shouldering Operations	2,352	
Gravel Various Roads	161,550	
Fund Class B Gravel - Preston Murphy	32,329	
Total Western Region		1,567,173
TOTAL PROVINCIAL PAVING		5,336,923
COST SHARED PROJECTS		
Gas Tax Projects		
Clyde River Rte 1 c/o	353,163	
Stanley Bridge Rte 6, 224 & 254	394,522	
Brudenell/Montague Rte 4	408,131	
Brackley Rte 15 & 220	583,271	
Co-op Lane North Rustico	166,788	
Murray River Rte 4	521,849	
Kinlock Road - Stratford	224,105	
Borden Ave. - Borden-Carleton 2015	142,530	
York Storm Sewer Rte 25	6,563	
Georgetown Rd - Stratford	102,355	
Bagnall's Pond - Hunter River Rte 13	1,042,689	
Total Gas Tax Projects		3,945,966

New Build Canada Fund

New Haven TCH Realignment Rte 1 c/o	10,434
Bonshaw TCH Realignment Rte 1 c/o	56,937
Souris Bridge Replacement c/o	5,740,070
Tryon Rte 1 c/o	143,016
Marshfield Rte 2 & 25 c/o	61,224
Charlottetown Rte 1 2015	690,073
Miscouche Rte 2 2015	744,747
Carleton - Woodstock Rte 2 2015	808,356
Portage Rte 2 2015	445,426
Cornwall Rte 1 2015	311,576
Springfield Rte 2 2015	449,972
Tignish Rte 2 2015	636,978
Norboro - Kensington Rte 2	959,590
Tracadie Rte 2	957,632
Farmington Rte 2	283,129
Marshfield Rte 2	369,369
TCH - Tryon Phase 2	851,798
Summerside Rte 2 2015	372,670
Hampton Rte 1 2015	499,614
Tryon West Rte 1 2015	3,463,402
Mount Herbert Rte 1	321,230
Brackley Rte 15 LTL c/o	1,132

Total New Build Canada Fund	18,178,376
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TOTAL COST SHARED PROJECTS	22,124,342
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OTHER

Highway Equipment	4,640,463
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TOTAL OTHER	4,640,463
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TOTAL HIGHWAYS CAPITAL	45,434,079
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BUILDINGS CAPITAL

BUILDING RENOVATIONS

Province House Annex	13,758
PAB	152,790
Tyne Valley Youth Center Washroom Renovations	60,793
Royalty Center	69,083
Coles Building	76,262
Mt. Stewart Lab	37,820
Access Summerside	32,000
Provincial Correctional Center - Water Connection	152,804
Summerside Youth Facility	31,550
Orwell	83,123
Green Park (Yeo House)	41,444
Equipment - office - Various areas	35,529

TOTAL BUILDING RENOVATIONS	786,954
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NEW BUILDING CONSTRUCTION

Queens County Highway Depot	3,608,104
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TOTAL NEW BUILDING CONSTRUCTION	3,608,104
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LAND PURCHASES

Land Purchases	519,530
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TOTAL LAND PURCHASES	519,530
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TOTAL BUILDINGS - CAPITAL/TC	4,914,588
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TOTAL DEPARTMENT OF TRANSPORTATION, INFRASTRUCTURE AND ENERGY	50,348,667
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